

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010616\
 Data File : BF084285.D
 Acq On : 6 Jan 2016 13:05
 Operator : SJ/UM
 Sample : G4986-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Quant Time: Jan 07 00:04:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	237623	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	991826	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	444734	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	839774	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	761547	20.00	ng	-0.03
86) Perylene-d12	15.46	264	607019	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1872724	127.47	ng	-0.01
7) Phenol-d6	6.52	99	2668746	144.64	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1609682	90.33	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	684400	152.43	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2386630	95.16	ng	-0.03
78) Terphenyl-d14	12.98	244	2130603	62.45	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	269596	38.74	ng	# 72
3) Pyridine	3.23	79	752212	38.77	ng	# 71
4) n-Nitrosodimethylamine	3.18	42	467460	46.94	ng	# 78
6) Aniline	6.53	93	588346	21.80	ng	# 1
8) 2-Chlorophenol	6.66	128	830871	49.85	ng	# 92
9) Benzaldehyde	6.41	77	346315	28.83	ng	# 92
10) Phenol	6.53	94	1139943	54.34	ng	# 97
11) bis(2-Chloroethyl)ether	6.61	93	838690	51.61	ng	# 88
12) 1,3-Dichlorobenzene	6.81	146	774012	45.02	ng	# 92
13) 1,4-Dichlorobenzene	6.89	146	842641	48.87	ng	# 95
14) 1,2-Dichlorobenzene	7.04	146	705684	42.74	ng	# 93
15) Benzyl Alcohol	7.01	79	671959	43.29	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1295592	43.78	ng	# 85
17) 2-Methylphenol	7.14	107	701423	50.21	ng	# 94
18) Hexachloroethane	7.38	117	310770	45.07	ng	# 89
19) n-Nitroso-di-n-propylamine	7.29	70	568473	45.51	ng	# 70
20) 3+4-Methylphenols	7.29	107	742348	45.21	ng	# 58
22) Acetophenone	7.29	105	1122850	47.08	ng	# 90
24) Nitrobenzene	7.46	77	937613	51.87	ng	# 98
25) Isophorone	7.70	82	1613642	47.34	ng	# 98
26) 2-Nitrophenol	7.77	139	426867	51.89	ng	# 74
27) 2,4-Dimethylphenol	7.81	122	740632	44.48	ng	# 96
28) bis(2-Chloroethoxy)methane	7.90	93	990151	47.56	ng	# 98
29) 2,4-Dichlorophenol	8.02	162	702934	50.68	ng	# 99
30) 1,2,4-Trichlorobenzene	8.10	180	708657	49.49	ng	# 96
31) Naphthalene	8.18	128	2130355	47.34	ng	# 98
32) Benzoic acid	7.92	122	238631	25.63	ng	# 87
33) 4-Chloroaniline	8.22	127	227675	11.04	ng	# 98
34) Hexachlorobutadiene	8.29	225	386225	46.92	ng	# 98
35) Caprolactam	8.60	113	136853	29.27	ng	# 57
36) 4-Chloro-3-methylphenol	8.72	107	761845	49.04	ng	# 94
37) 2-Methylnaphthalene	8.86	142	1429539	44.25	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	645256	50.47	ng	# 98
40) Hexachlorocyclopentadiene	9.02	237	763096	98.87	ng	# 97

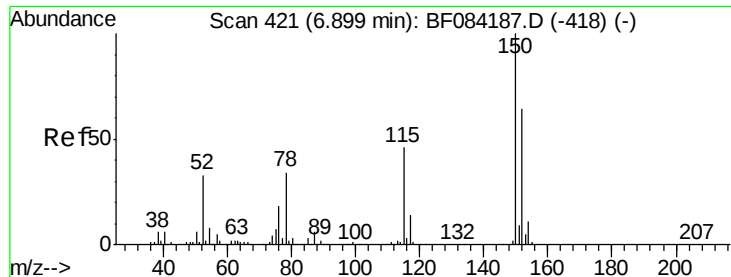
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	497723	52.03	ng	95
43) 2,4,5-Trichlorophenol	9.20	196	483249	52.70	ng	98
45) 1,1'-Biphenyl	9.33	154	1711839	48.43	ng	99
46) 2-Chloronaphthalene	9.36	162	1271418	45.79	ng	96
47) 2-Nitroaniline	9.46	65	538126	58.73	ng #	83
48) Acenaphthylene	9.77	152	2101231	51.23	ng	97
49) Dimethylphthalate	9.64	163	2270217	71.40	ng #	89
50) 2,6-Dinitrotoluene	9.70	165	357959	51.33	ng #	56
51) Acenaphthene	9.94	154	1580104	57.43	ng	98
52) 3-Nitroaniline	9.87	138	245720	28.44	ng #	69
53) 2,4-Dinitrophenol	9.97	184	379165	125.53	ng	95
54) Dibenzofuran	10.12	168	1923058	54.60	ng	100
55) 4-Nitrophenol	10.04	139	586690	93.54	ng #	80
56) 2,4-Dinitrotoluene	10.10	165	441527	50.03	ng #	82
57) Fluorene	10.46	166	1372666	50.08	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	405795	51.83	ng	93
59) Diethylphthalate	10.34	149	1588266	50.67	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	699509	63.40	ng	97
61) 4-Nitroaniline	10.49	138	413819	53.73	ng	91
62) Azobenzene	10.61	77	1806000	52.53	ng	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	276949	55.45	ng	84
65) n-Nitrosodiphenylamine	10.57	169	1270074	47.30	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	452995	50.12	ng	97
67) Hexachlorobenzene	11.00	284	448288	44.07	ng #	83
68) Atrazine	11.11	200	473277	53.86	ng	97
69) Pentachlorophenol	11.20	266	462674	87.71	ng	98
70) Phenanthrene	11.41	178	2108649	48.00	ng	97
71) Anthracene	11.47	178	2148869	49.90	ng	96
72) Carbazole	11.63	167	2051907	48.74	ng	97
73) Di-n-butylphthalate	11.96	149	2447208	59.05	ng #	96
74) Fluoranthene	12.60	202	2036873	44.39	ng	98
76) Benzidine	12.73	184	598784	21.93	ng	98
77) Pyrene	12.83	202	2067596	34.60	ng	97
79) Butylbenzylphthalate	13.46	149	1140833	44.12	ng #	93
80) Benzo(a)anthracene	14.02	228	1853767	41.46	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	457699	29.33	ng #	97
82) Chrysene	14.05	228	1534163	35.70	ng	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1365816	41.80	ng #	94
84) Di-n-octyl phthalate	14.63	149	2257869	40.93	ng #	85
85) Indeno(1,2,3-cd)pyrene	16.85	276	1597669	46.91	ng	100
87) Benzo(b)fluoranthene	15.05	252	1751069	44.10	ng #	97
88) Benzo(k)fluoranthene	15.05	252	1751069	53.92	ng	99
89) Benzo(a)pyrene	15.40	252	1653621	49.10	ng	99
90) Dibenzo(a,h)anthracene	16.88	278	1299693	44.85	ng	98
91) Benzo(g,h,i)perylene	17.29	276	1305198	43.49	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

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BNA_F

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PJ-SB-4-21.0-21.5MSD

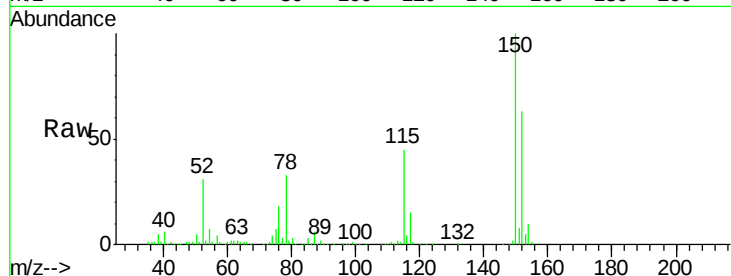
Tgt Ion:152 Resp: 237623

Ion Ratio Lower Upper

152 100

150 158.4 123.0 184.4

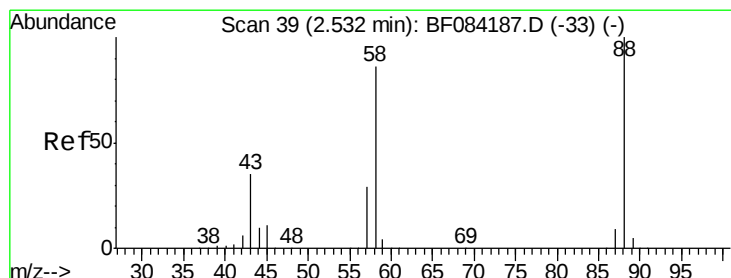
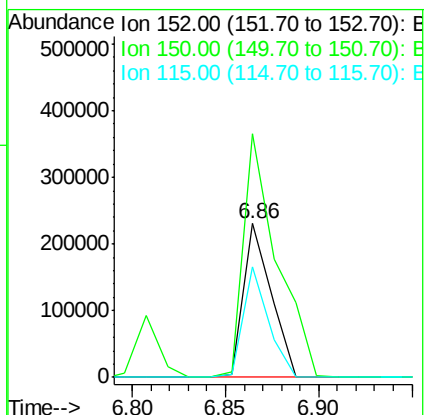
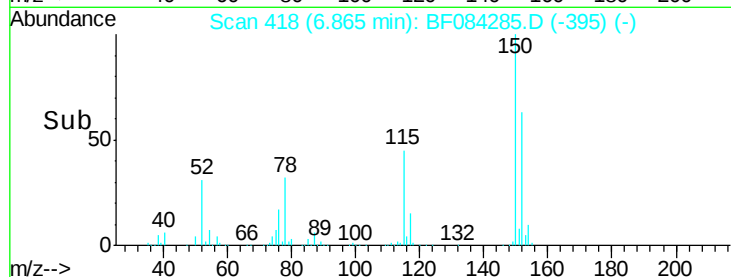
115 71.8 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.74 ng

RT: 2.51 min Scan# 37

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

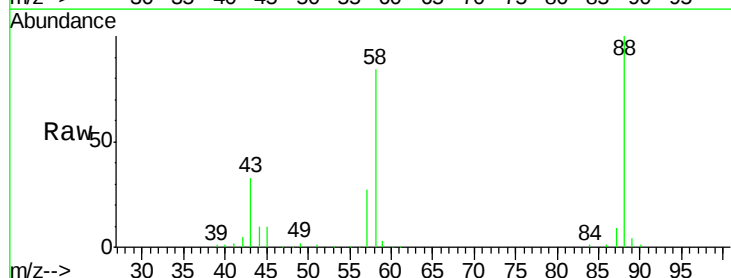
Tgt Ion: 88 Resp: 269596

Ion Ratio Lower Upper

88 100

58 87.7 51.2 76.8#

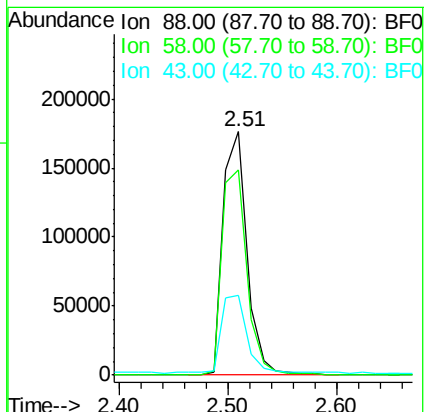
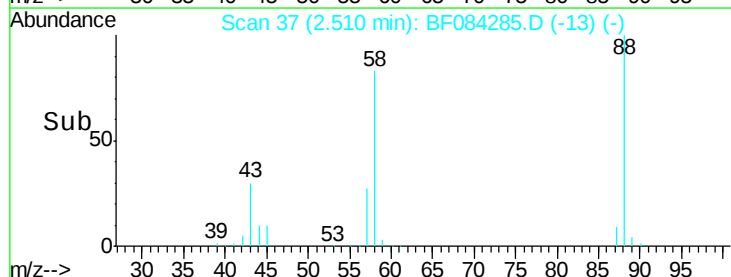
43 34.5 19.5 29.3#

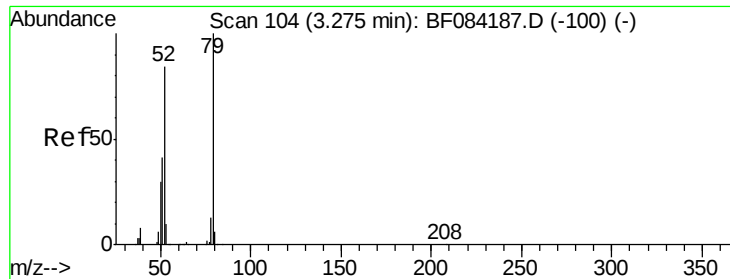


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.77 ng

RT: 3.23 min Scan# 100

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

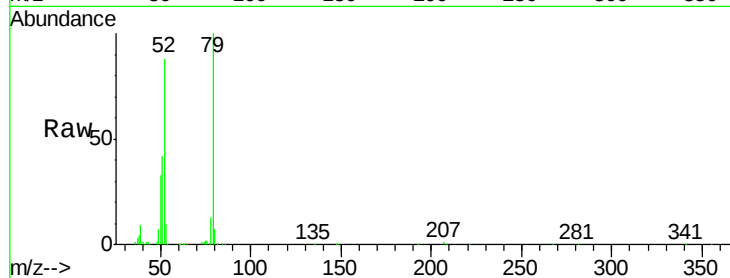
Tgt Ion: 79 Resp: 752212

Ion Ratio Lower Upper

79 100

52 87.6 49.0 73.4#

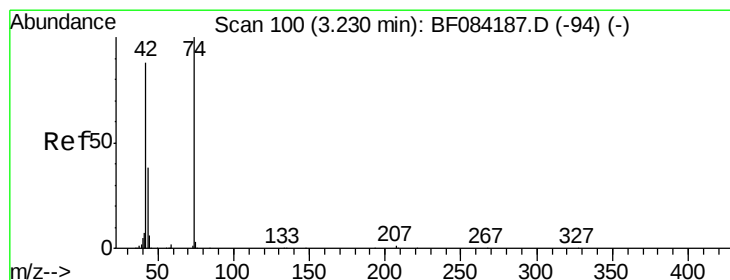
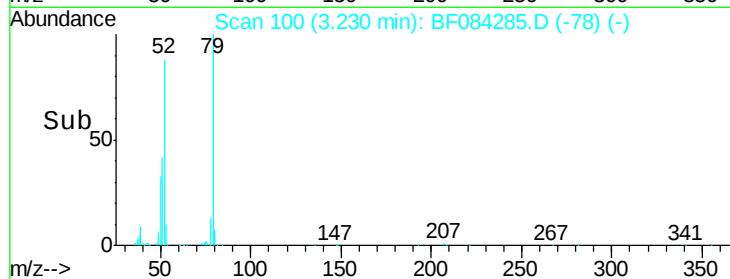
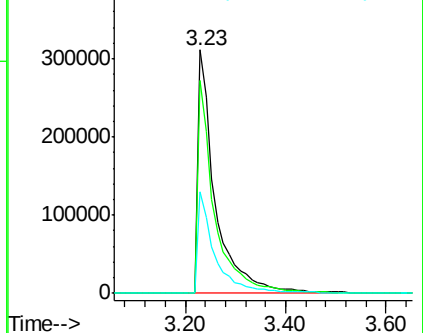
51 41.9 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 46.94 ng

RT: 3.18 min Scan# 96

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

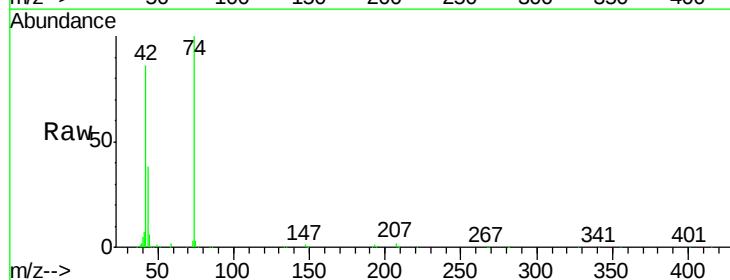
Tgt Ion: 42 Resp: 467460

Ion Ratio Lower Upper

42 100

74 116.3 115.7 173.5

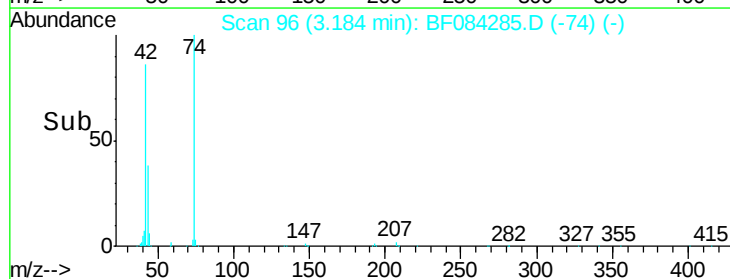
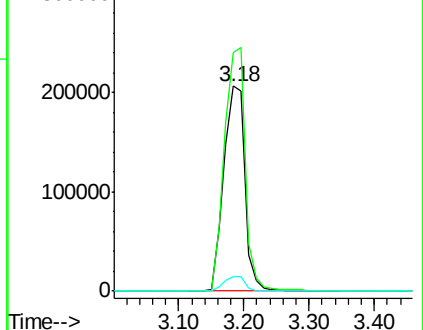
44 6.8 5.1 7.7

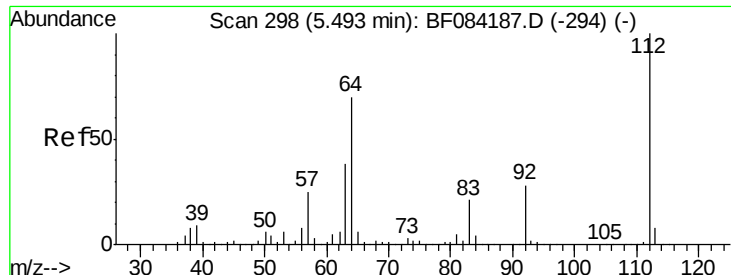


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.47 ng

RT: 5.48 min Scan# 297

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

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ClientSampleId :

PJ-SB-4-21.0-21.5MSD

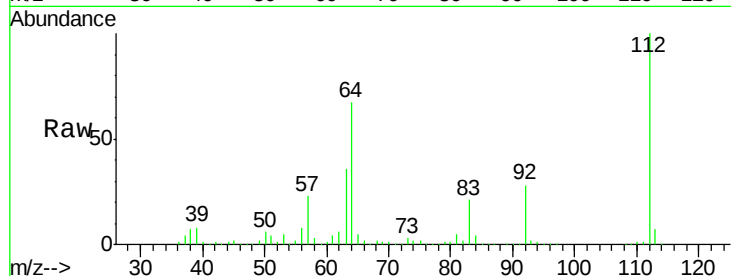
Tgt Ion: 112 Resp: 1872724

Ion Ratio Lower Upper

112 100

64 67.3 36.6 55.0#

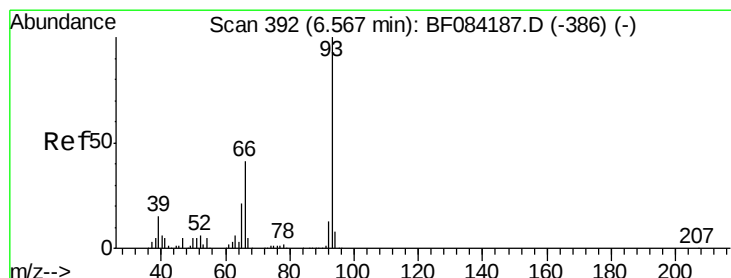
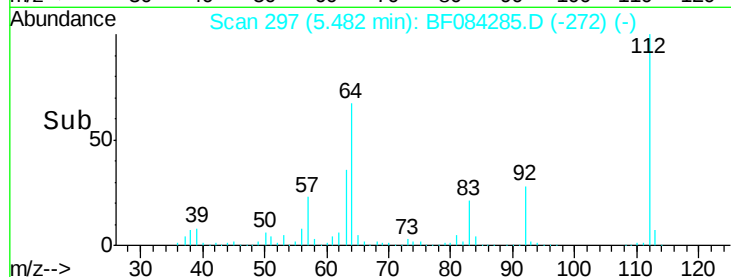
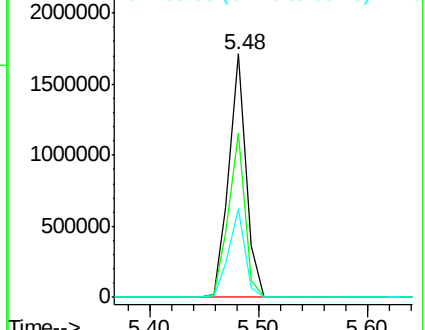
63 36.4 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.80 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

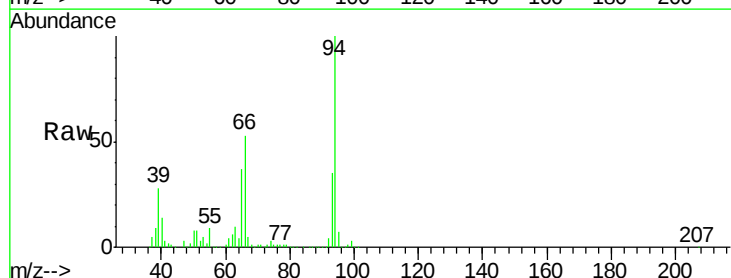
Tgt Ion: 93 Resp: 588346

Ion Ratio Lower Upper

93 100

66 149.8 44.9 67.3#

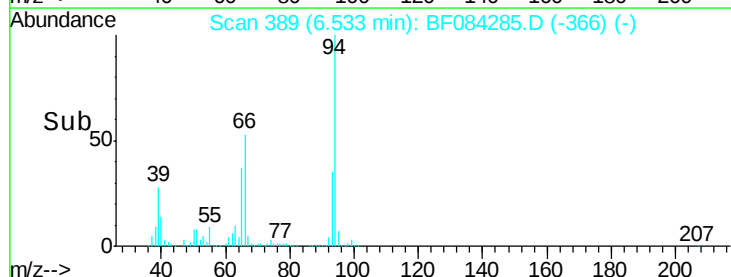
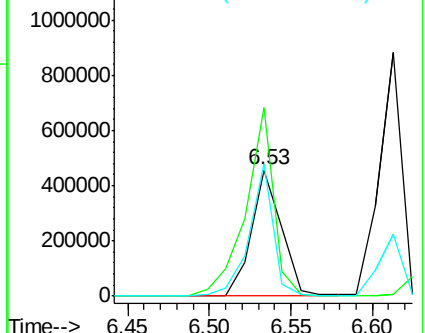
65 105.2 23.7 35.5#

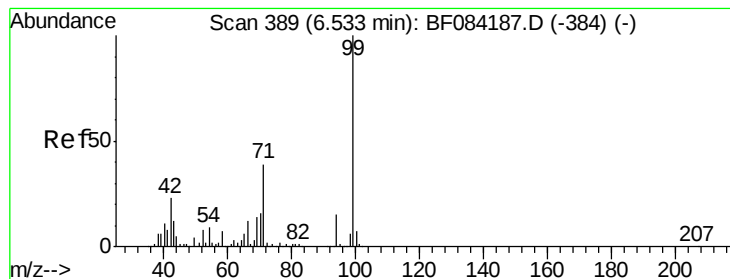


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.64 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

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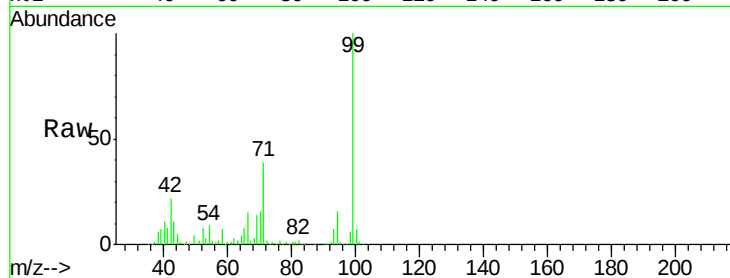
Tgt Ion: 99 Resp: 2668746

Ion Ratio Lower Upper

99 100

42 21.6 12.8 19.2#

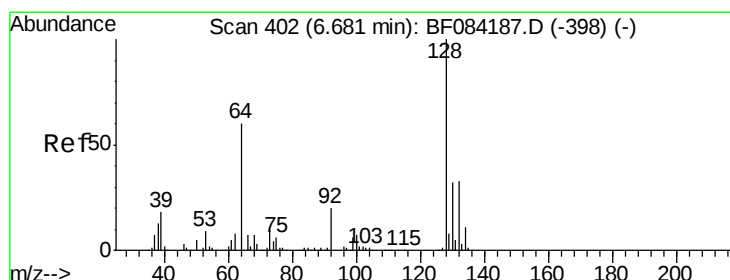
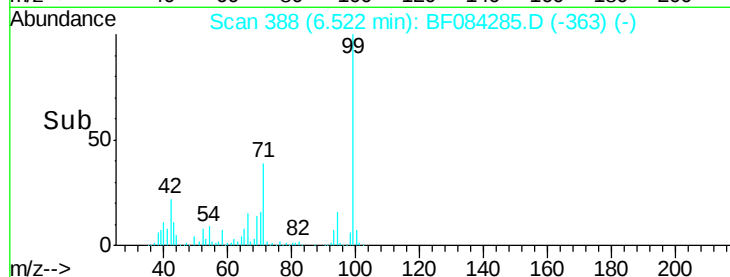
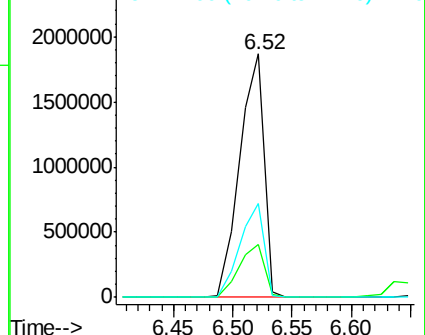
71 38.6 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 49.85 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

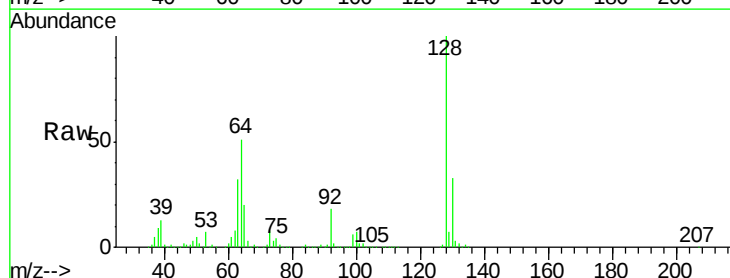
Tgt Ion: 128 Resp: 830871

Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

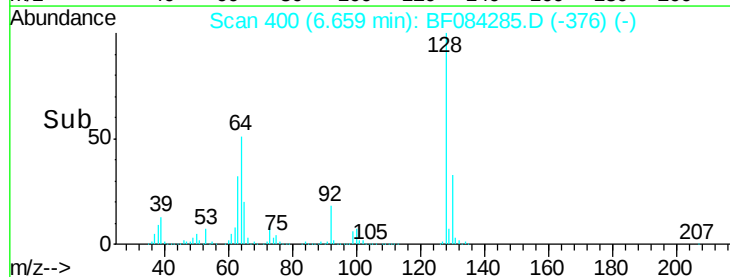
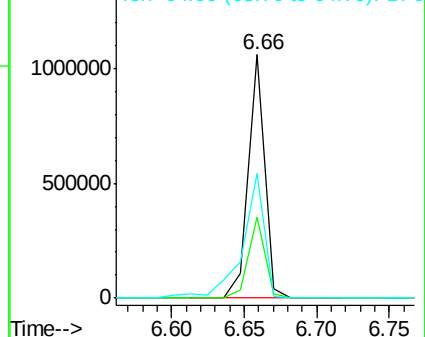
64 51.2 23.8 63.8

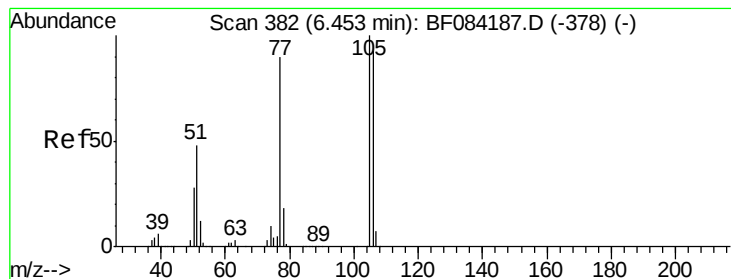


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 28.83 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

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ClientSampleId :

PJ-SB-4-21.0-21.5MSD

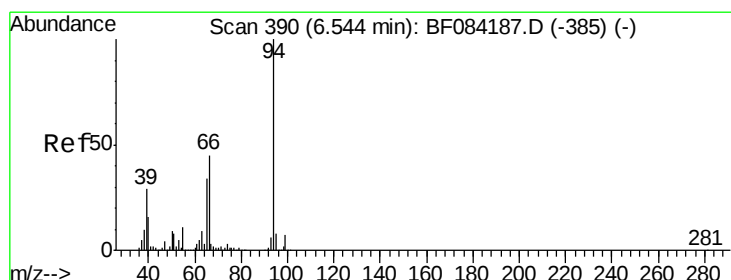
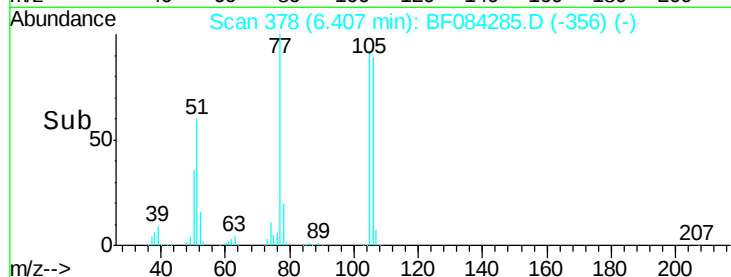
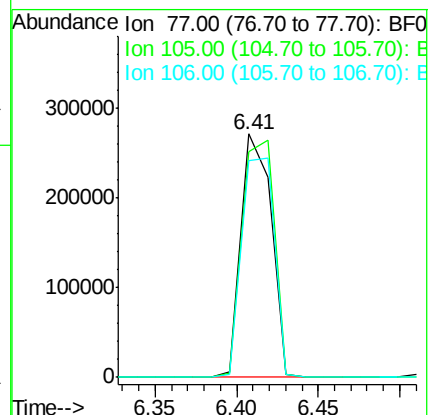
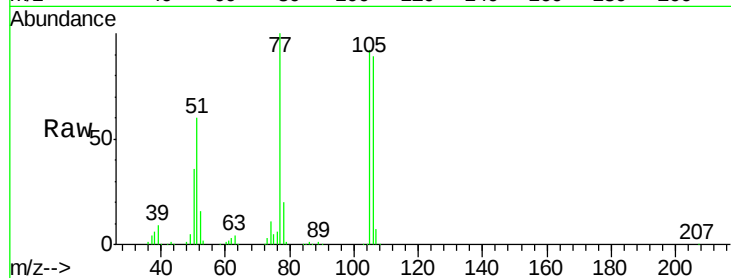
Tgt Ion: 77 Resp: 346315

Ion Ratio Lower Upper

77 100

105 92.4 83.0 123.0

106 89.1 74.6 114.6



#10

Phenol

Concen: 54.34 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

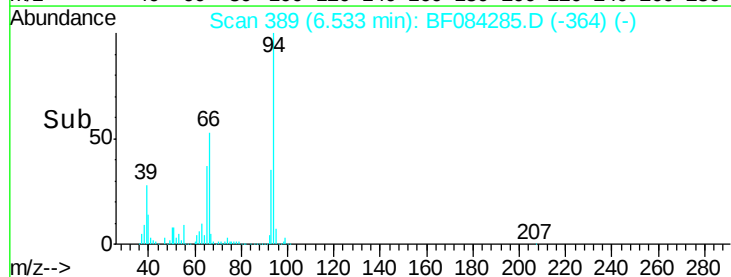
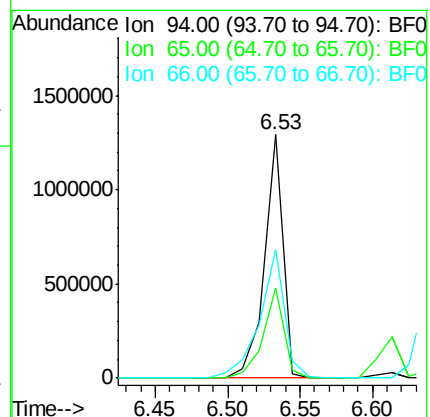
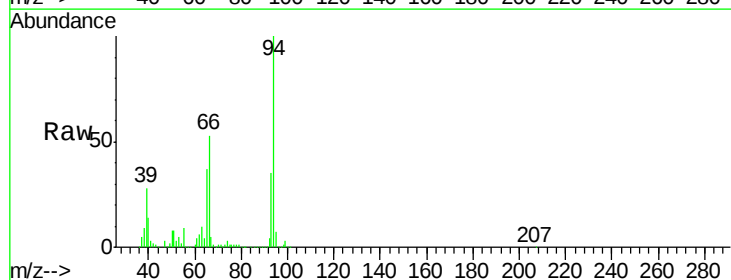
Tgt Ion: 94 Resp: 1139943

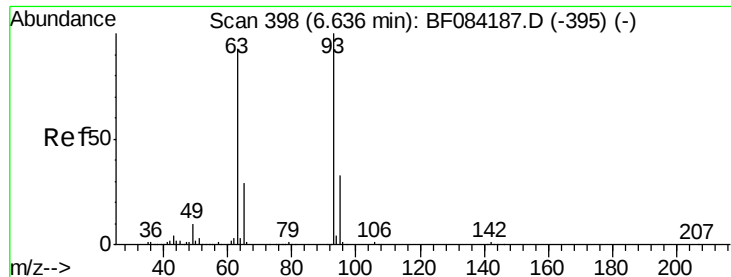
Ion Ratio Lower Upper

94 100

65 37.1 12.9 52.9

66 52.9 32.7 72.7

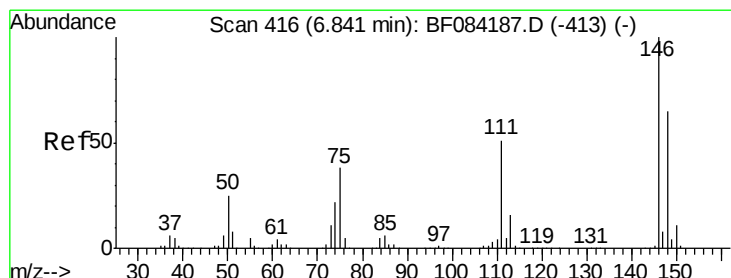
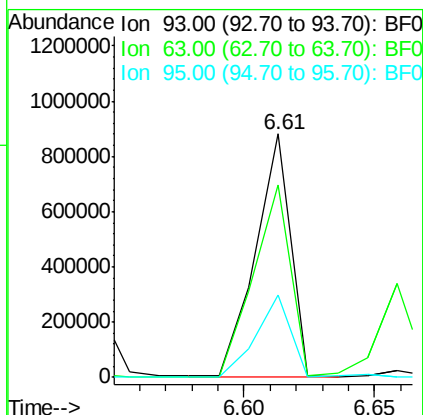
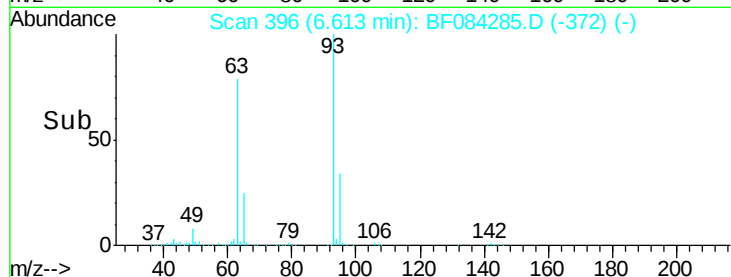
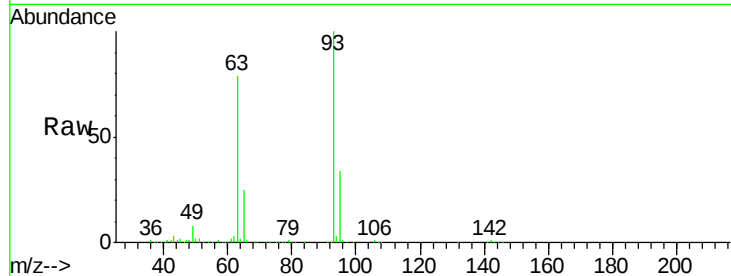




#11
bis(2-Chloroethyl)ether
Concen: 51.61 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

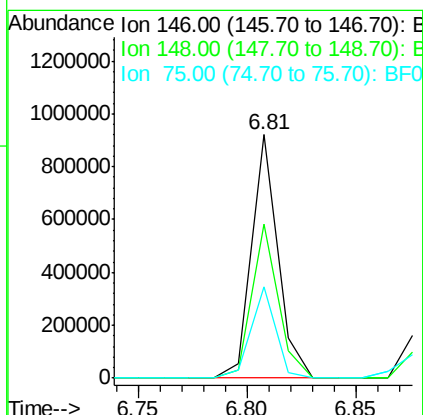
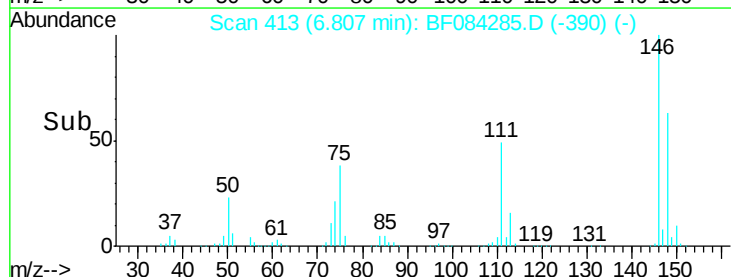
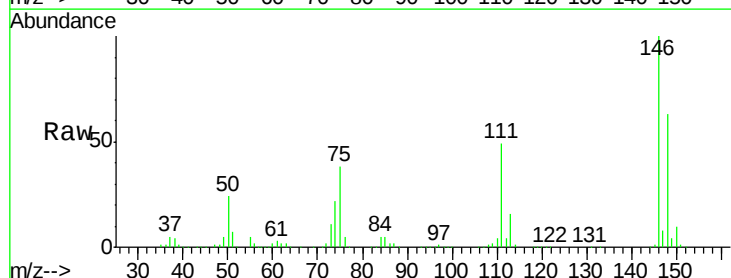
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

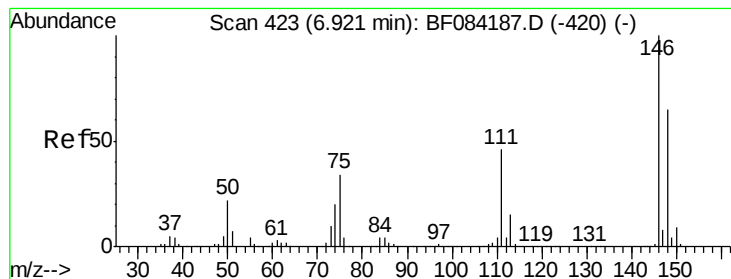
Tgt Ion: 93 Resp: 838690
Ion Ratio Lower Upper
93 100
63 79.1 45.9 85.9
95 33.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 45.02 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion: 146 Resp: 774012
Ion Ratio Lower Upper
146 100
148 63.2 51.9 77.9
75 37.7 20.5 30.7#





#13

1,4-Dichlorobenzene

Concen: 48.87 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

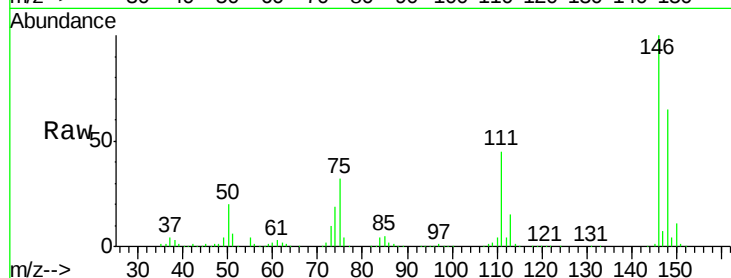
Tgt Ion:146 Resp: 842641

Ion Ratio Lower Upper

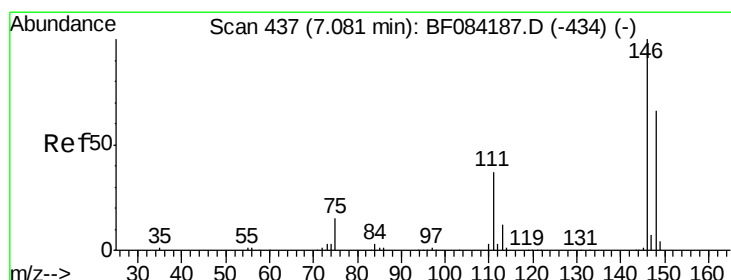
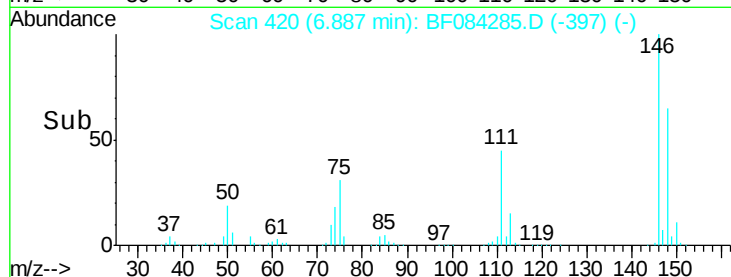
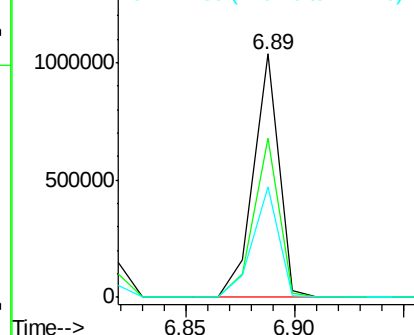
146 100

148 65.4 51.9 77.9

111 45.4 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.74 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

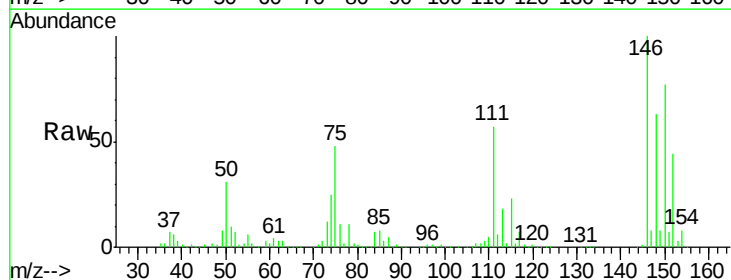
Tgt Ion:146 Resp: 705684

Ion Ratio Lower Upper

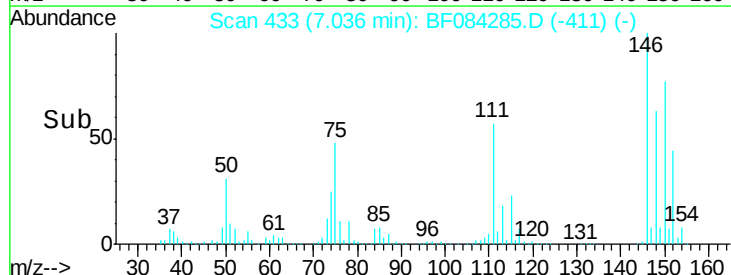
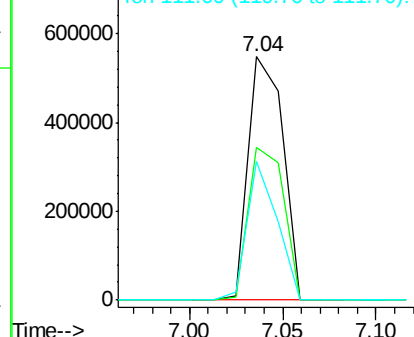
146 100

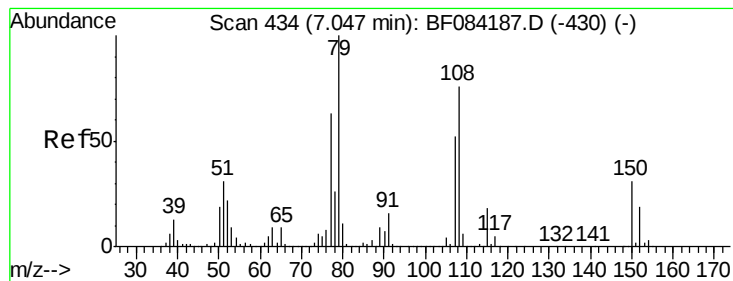
148 63.0 51.6 77.4

111 56.7 38.0 57.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.29 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

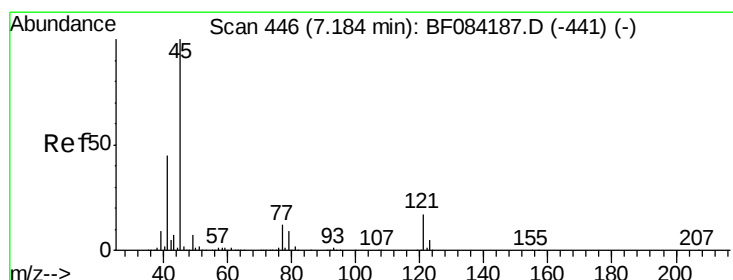
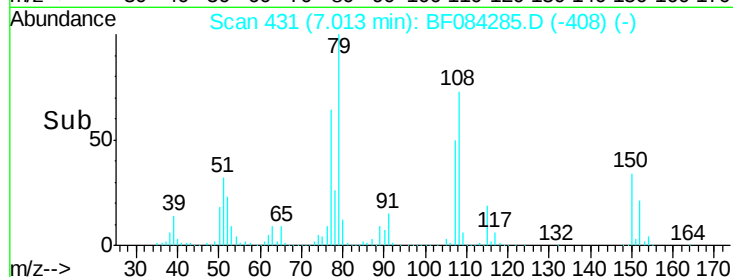
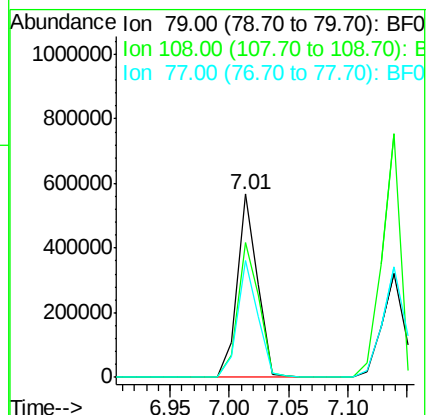
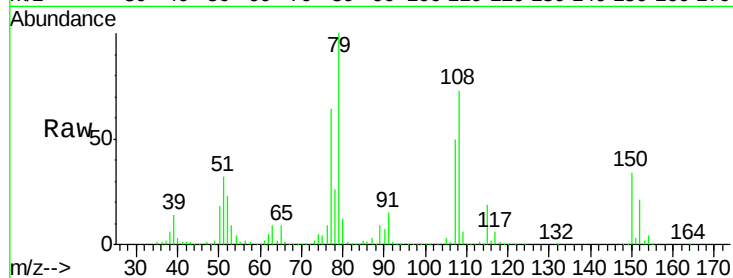
Tgt Ion: 79 Resp: 671959

Ion Ratio Lower Upper

79 100

108 73.5 69.0 103.4

77 64.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.78 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

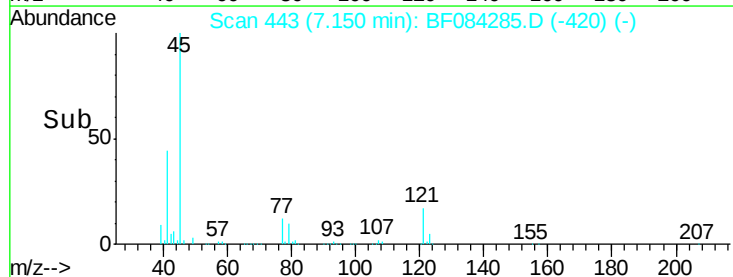
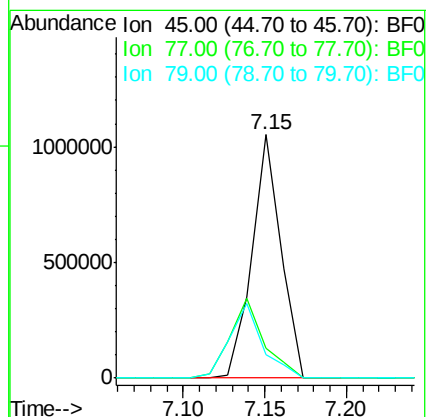
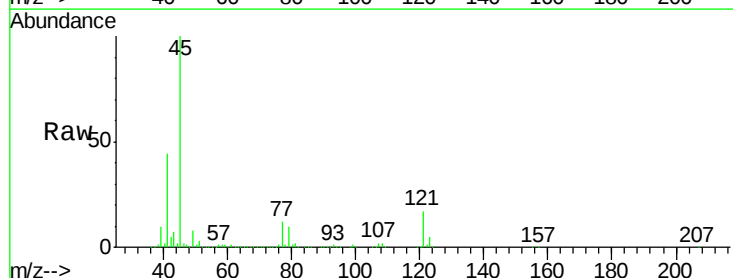
Tgt Ion: 45 Resp: 1295592

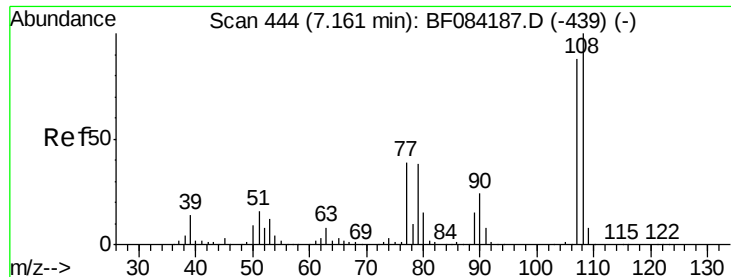
Ion Ratio Lower Upper

45 100

77 12.2 0.0 39.6

79 9.6 0.0 35.0

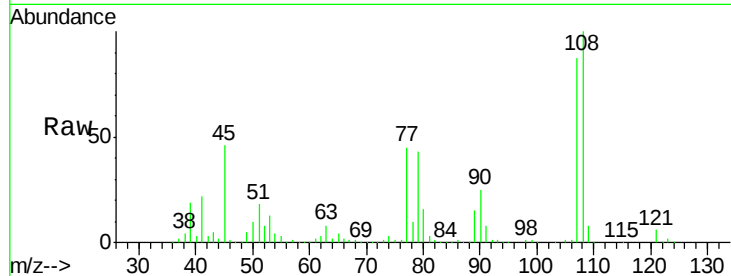




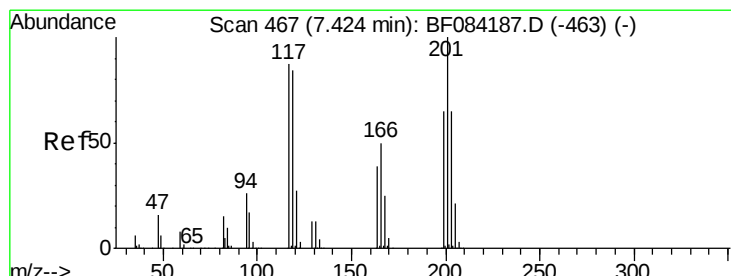
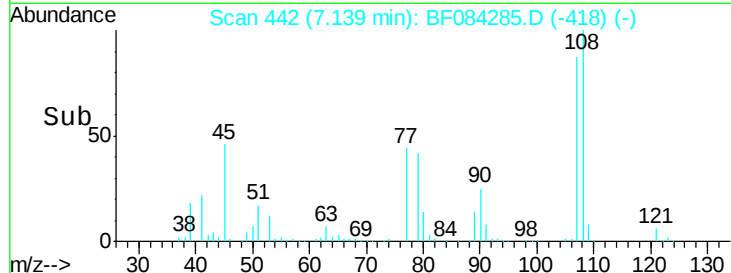
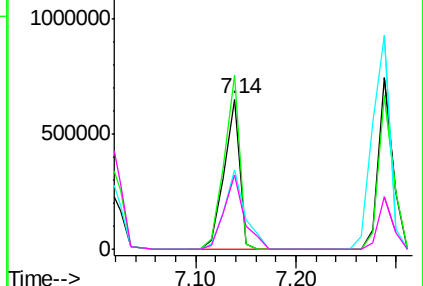
#17
2-Methylphenol
Concen: 50.21 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tgt Ion:107 Resp: 701423
Ion Ratio Lower Upper
107 100
108 115.6 89.8 134.6
77 52.5 35.7 53.5
79 49.3 35.7 53.5

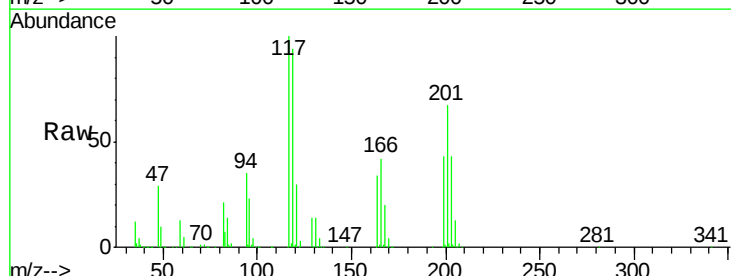


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

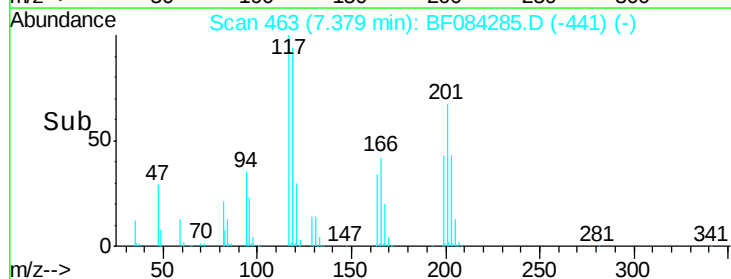
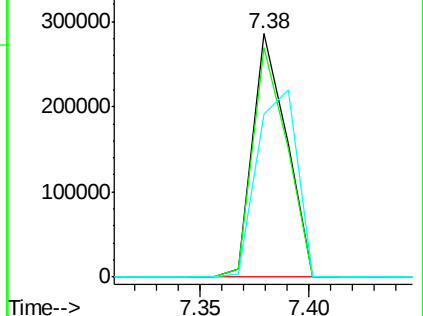


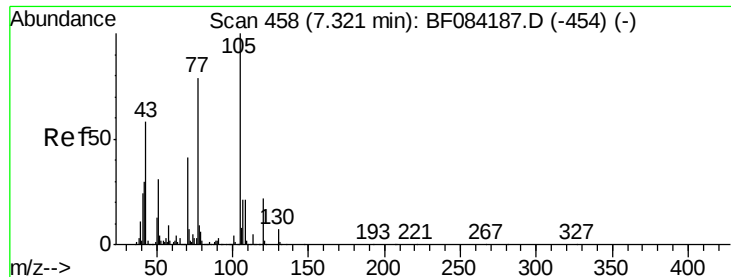
#18
Hexachloroethane
Concen: 45.07 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:117 Resp: 310770
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
201 66.9 68.6 103.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

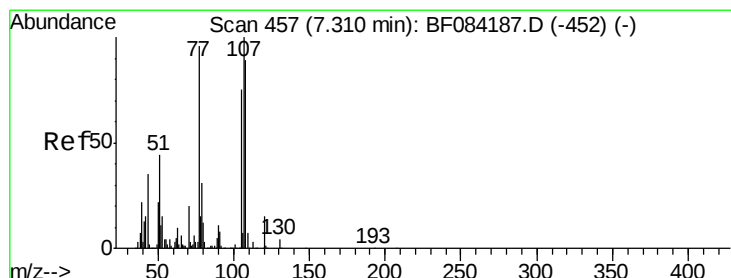
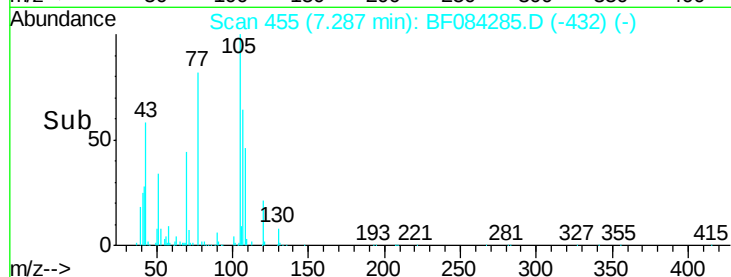
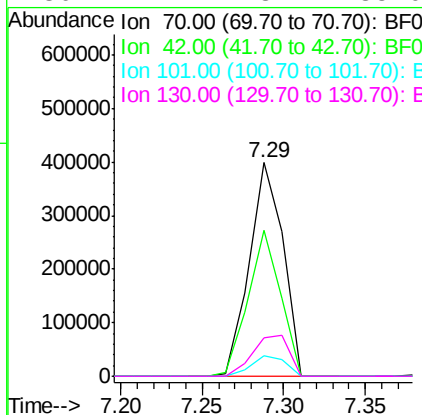
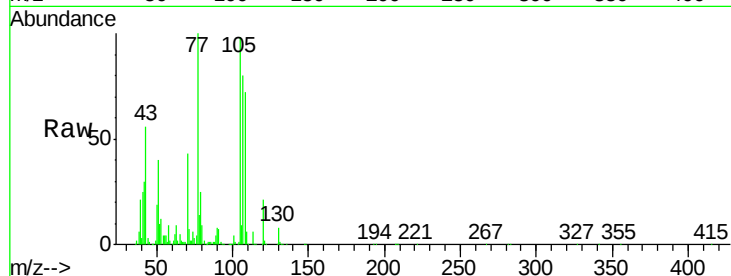




#19
n-Nitroso-di-n-propylamine
Concen: 45.51 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

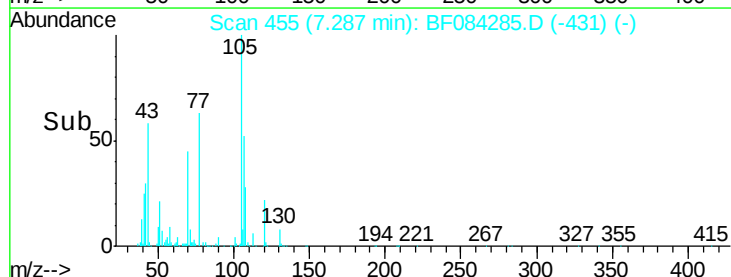
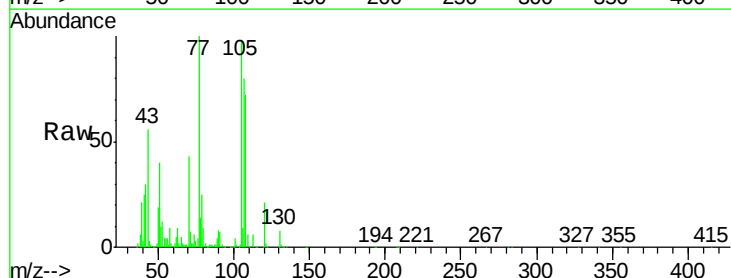
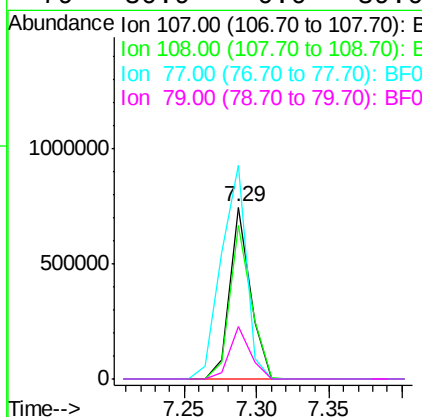
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

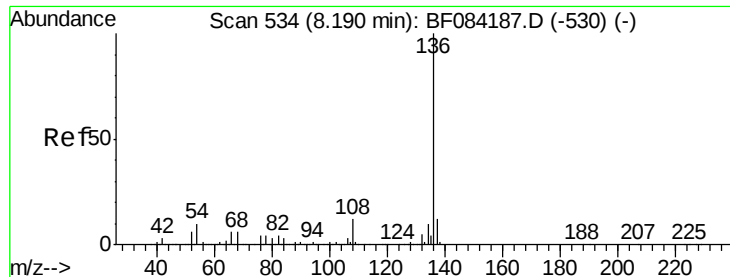
Tgt Ion: 70 Resp: 568473
Ion Ratio Lower Upper
70 100
42 68.6 33.3 49.9#
101 9.4 9.3 13.9
130 17.7 23.4 35.0#



#20
3+4-Methylphenols
Concen: 45.21 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion: 107 Resp: 742348
Ion Ratio Lower Upper
107 100
108 89.7 74.6 114.6
77 124.4 0.7 40.7#
79 30.9 0.0 39.0

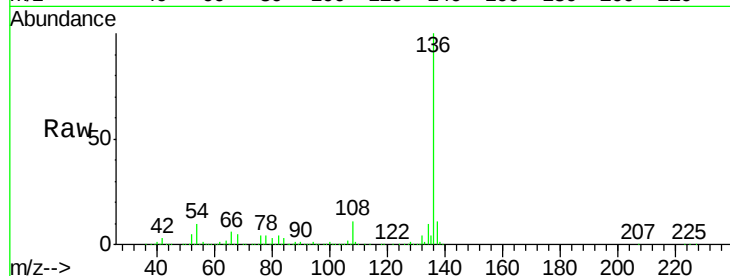




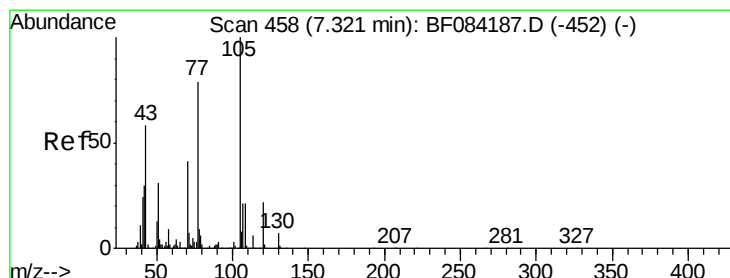
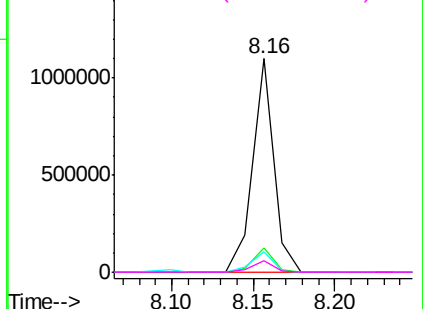
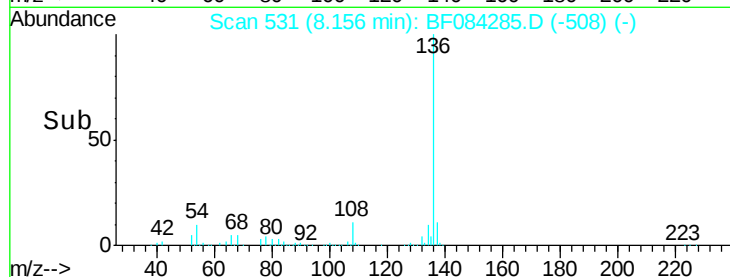
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tgt Ion:	136	Resp:	991826
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.9	5.8	8.8#
68	5.2	4.2	6.2

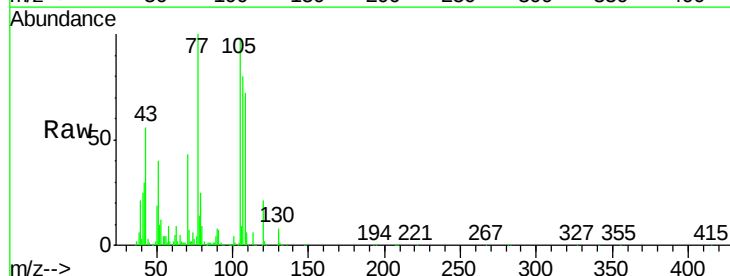


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

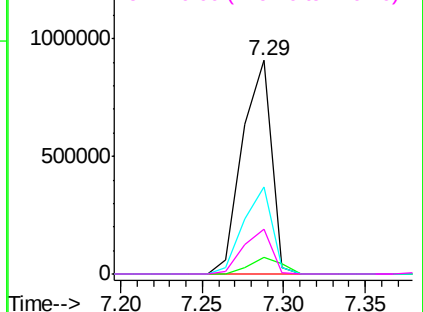
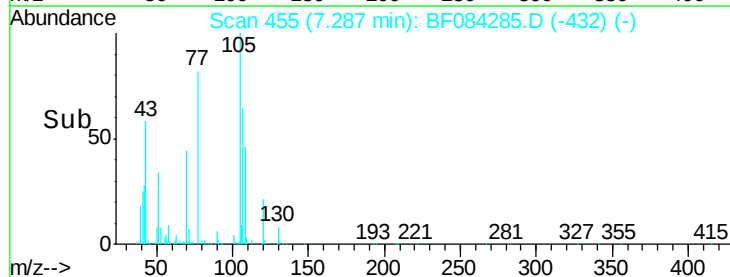


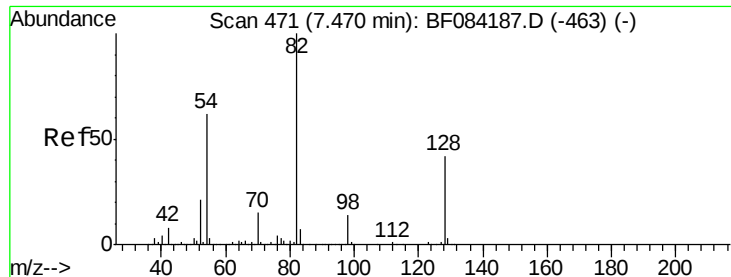
#22
Acetophenone
Concen: 47.08 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:	105	Resp:	1122850
Ion	Ratio	Lower	Upper
105	100		
71	7.6	3.7	5.5#
51	40.8	25.1	37.7#
120	21.2	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

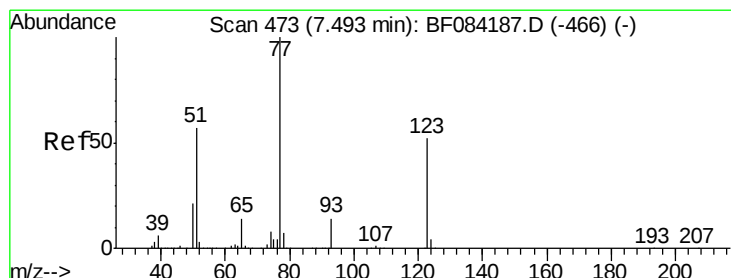
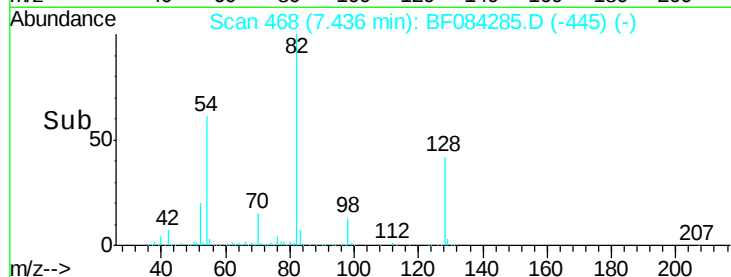
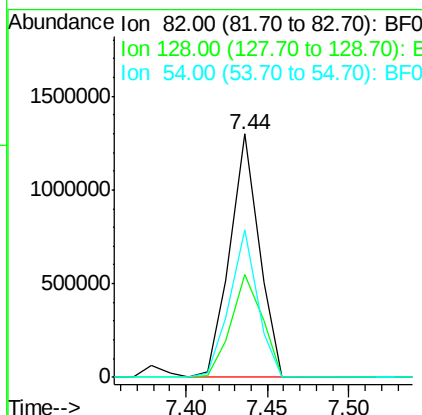
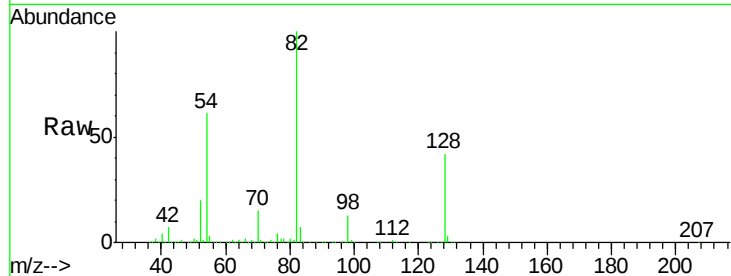




#23
 Nitrobenzene-d5
 Concen: 90.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

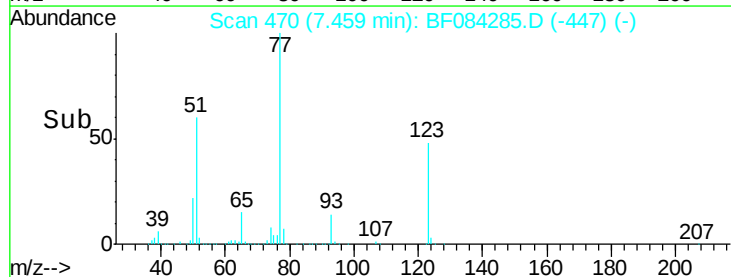
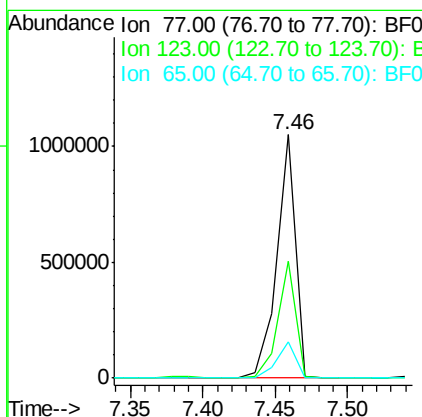
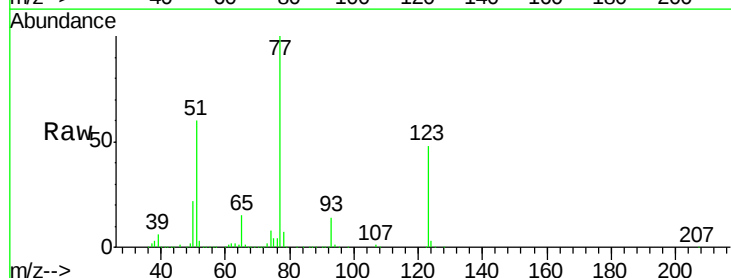
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

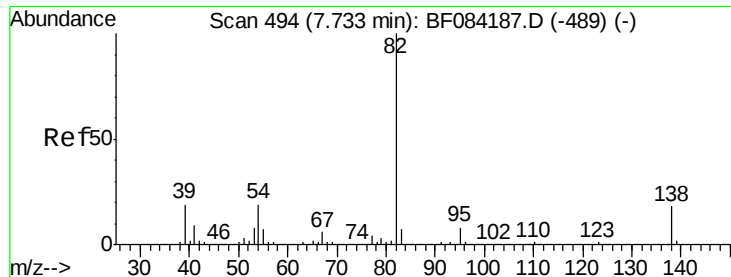
Tgt Ion: 82 Resp: 1609682
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 51.8
 54 60.7 38.4 57.6#



#24
 Nitrobenzene
 Concen: 51.87 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion: 77 Resp: 937613
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.4 56.2
 65 15.0 10.9 16.3





#25

Isophorone

Concen: 47.34 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

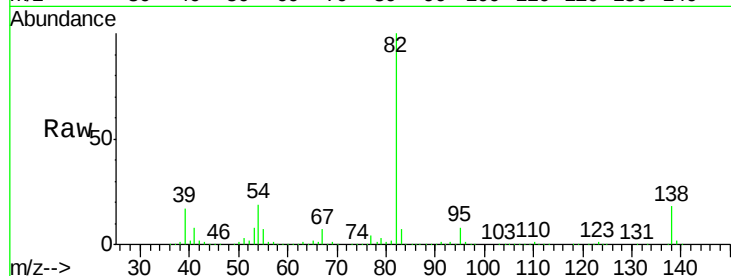
Tgt Ion: 82 Resp: 1613642

Ion Ratio Lower Upper

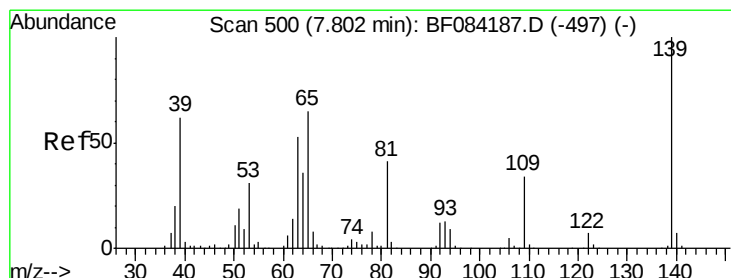
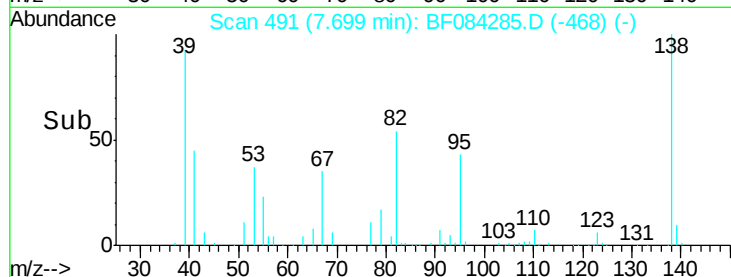
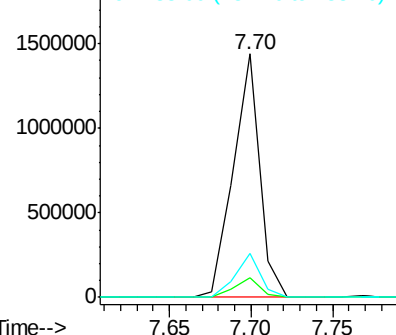
82 100

95 7.9 6.6 10.0

138 18.2 13.6 20.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 51.89 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

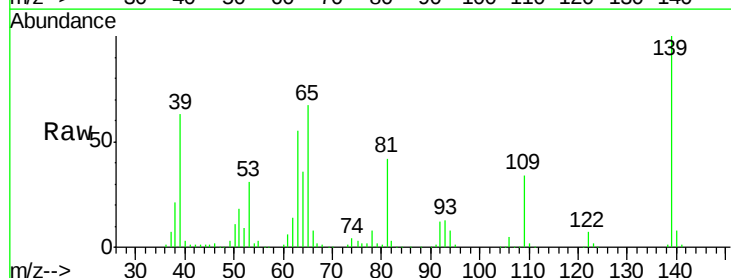
Tgt Ion: 139 Resp: 426867

Ion Ratio Lower Upper

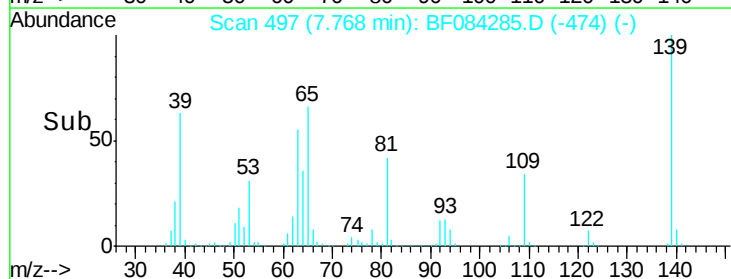
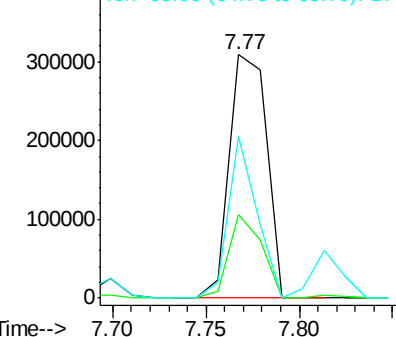
139 100

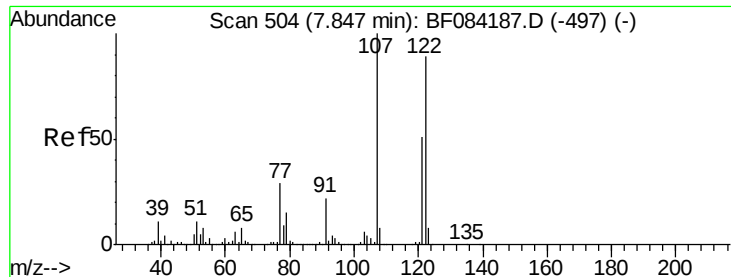
109 34.4 25.4 38.2

65 66.5 32.3 48.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

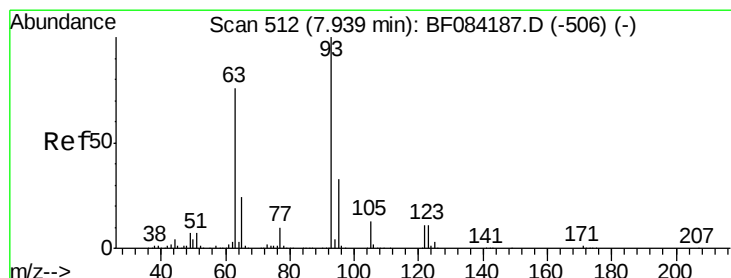
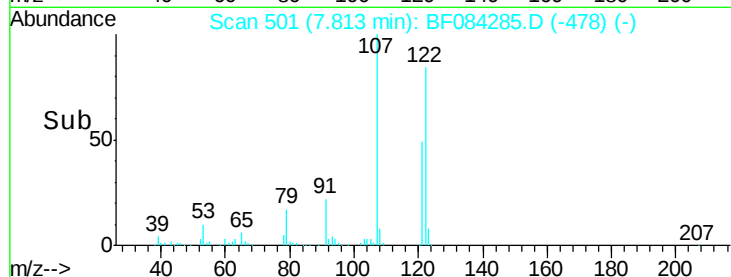
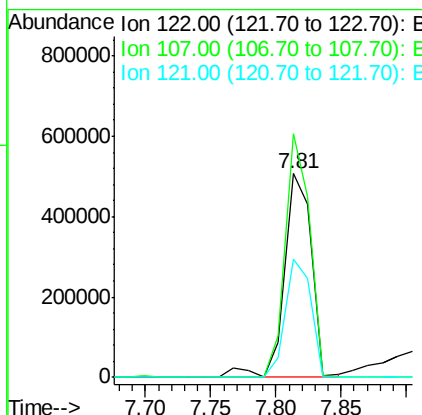
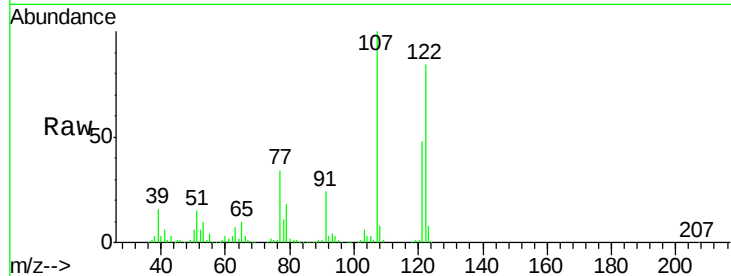




#27
2,4-Dimethylphenol
Concen: 44.48 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

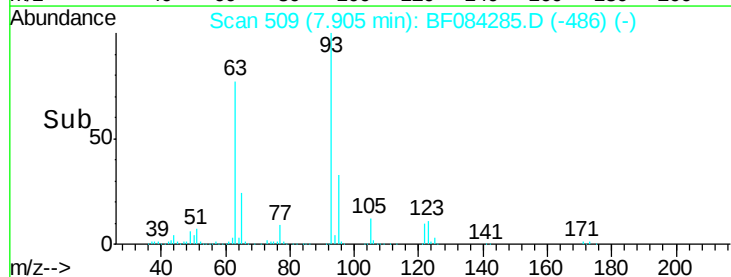
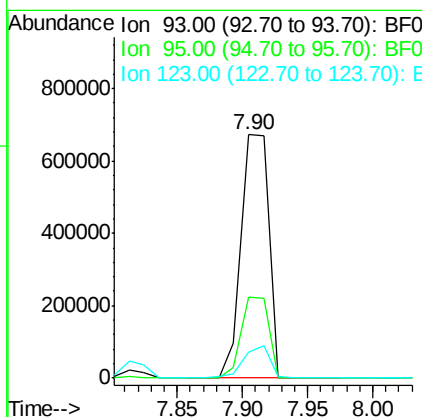
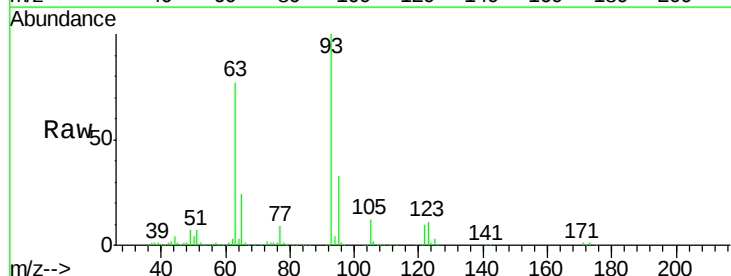
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

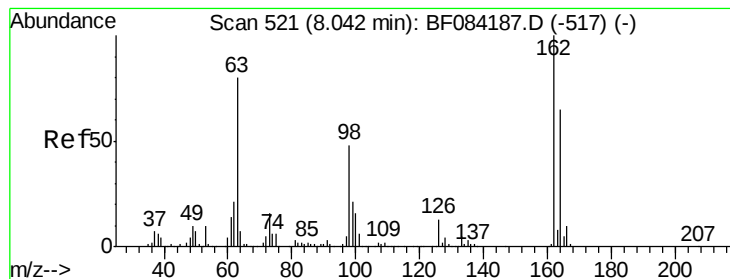
Tgt Ion:122 Resp: 740632
Ion Ratio Lower Upper
122 100
107 119.4 99.1 148.7
121 57.9 47.9 71.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.56 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion: 93 Resp: 990151
Ion Ratio Lower Upper
93 100
95 33.3 25.8 38.6
123 10.8 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 50.68 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

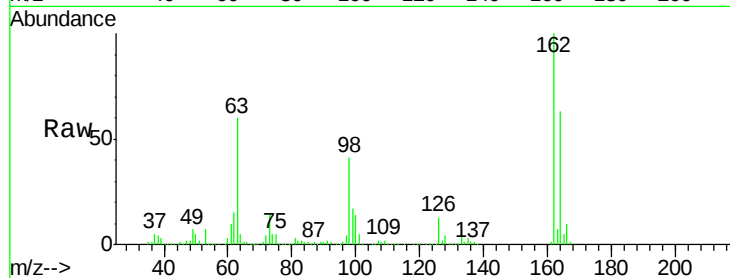
Tgt Ion:162 Resp: 702934

Ion Ratio Lower Upper

162 100

164 63.1 44.1 84.1

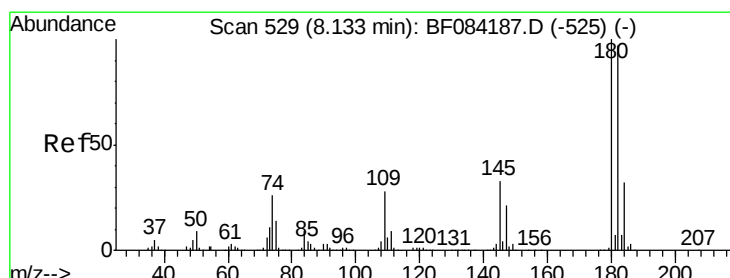
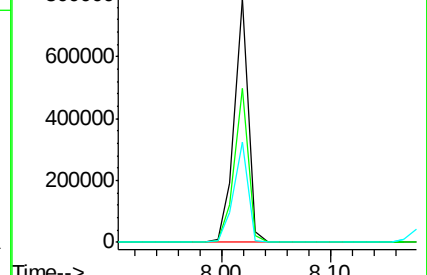
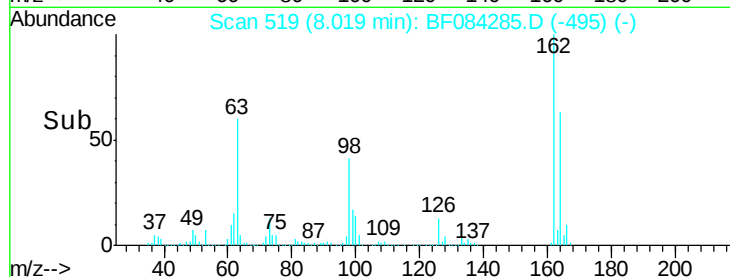
98 41.0 20.2 60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 49.49 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

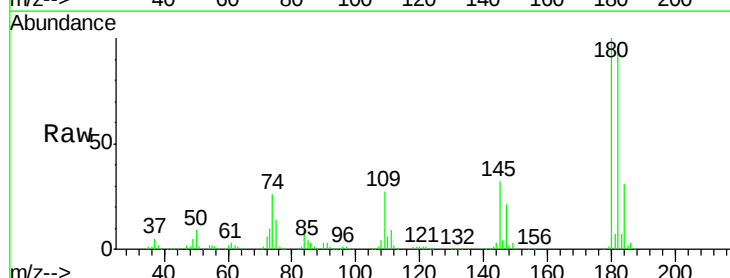
Tgt Ion:180 Resp: 708657

Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

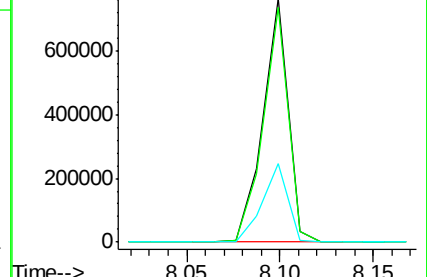
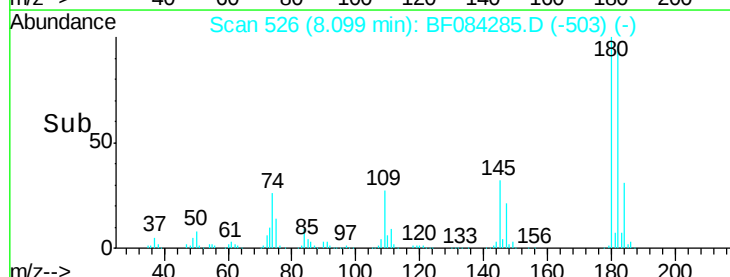
145 32.0 31.6 47.4

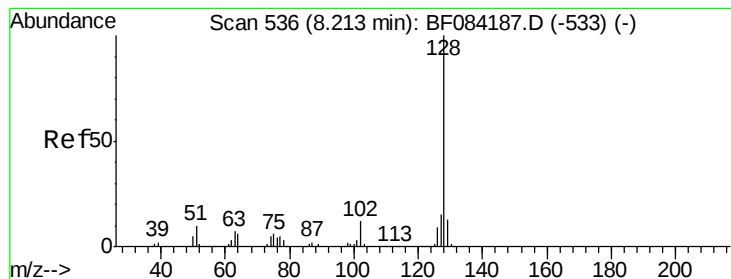


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 47.34 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

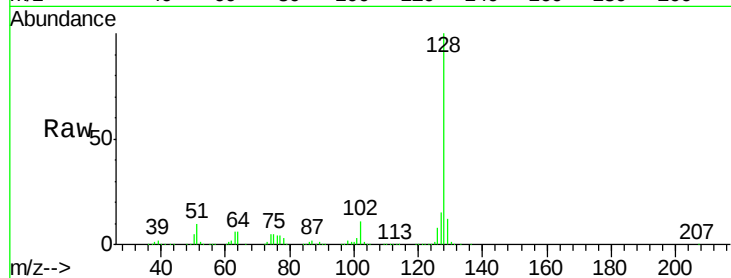
Tgt Ion:128 Resp: 2130355

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

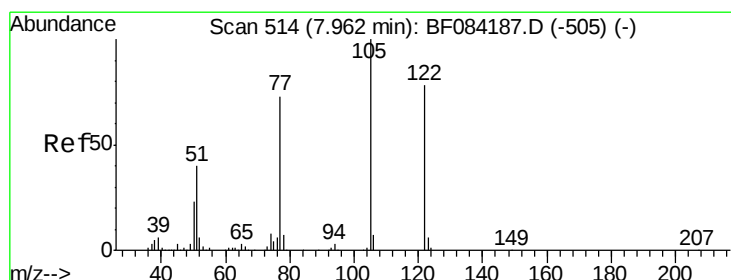
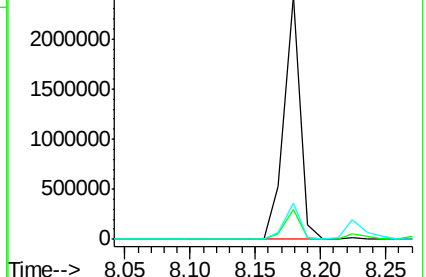
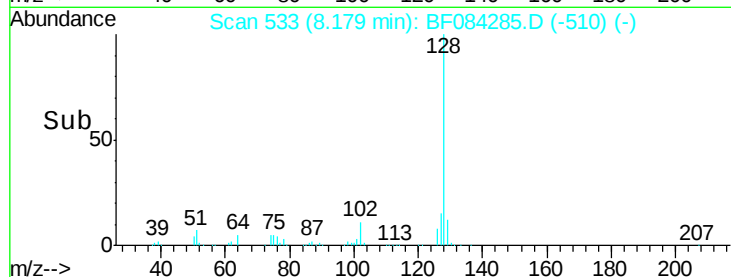
127 14.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.63 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.04 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

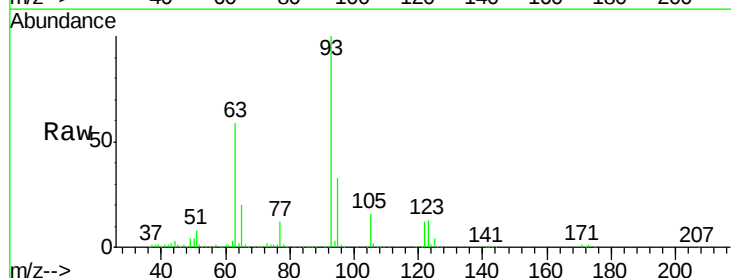
Tgt Ion:122 Resp: 238631

Ion Ratio Lower Upper

122 100

105 129.8 100.3 140.3

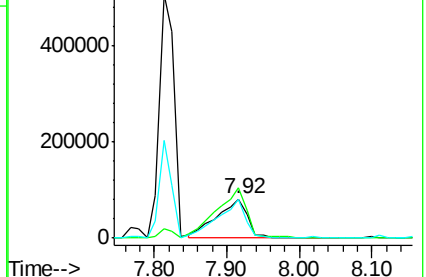
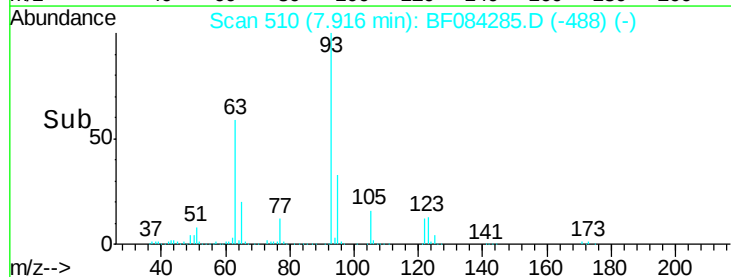
77 100.8 63.5 103.5

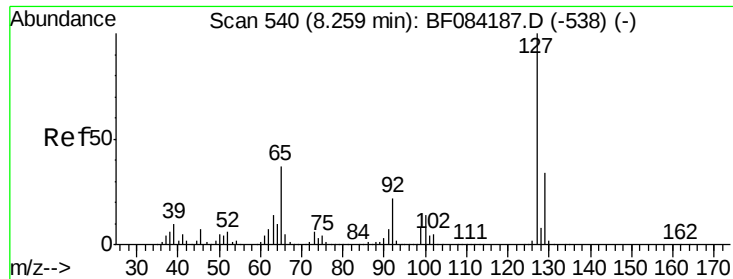


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

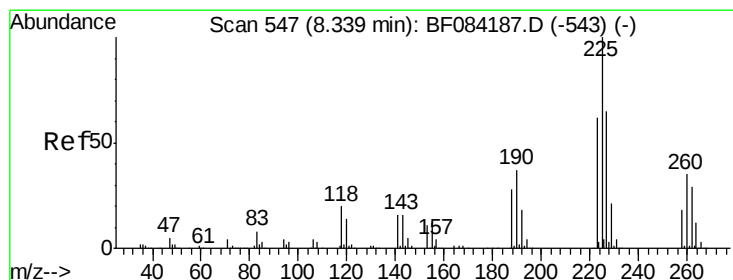
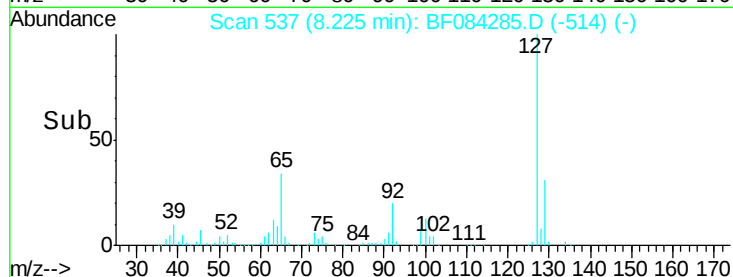
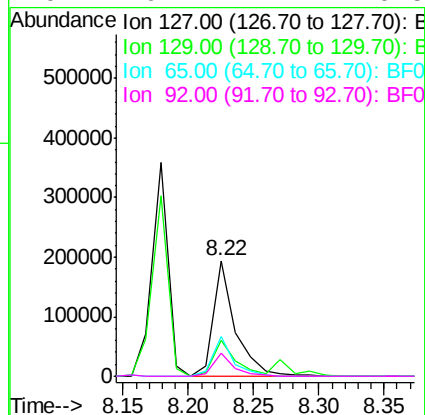
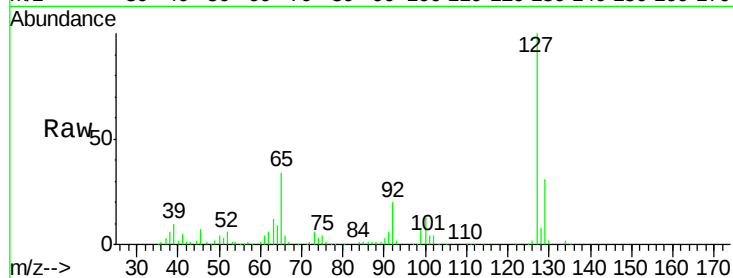




#33
4-Chloroaniline
Concen: 11.04 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

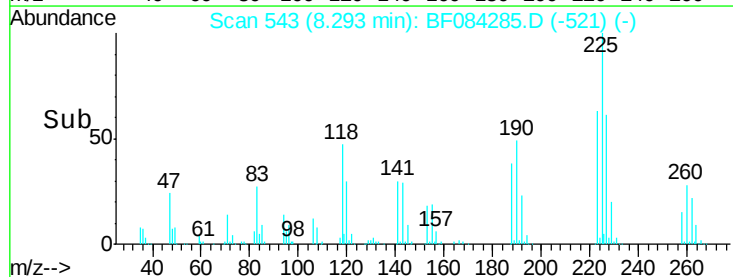
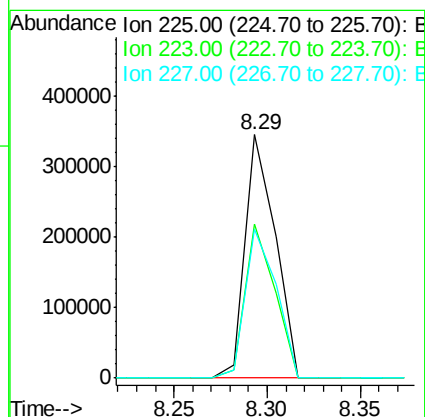
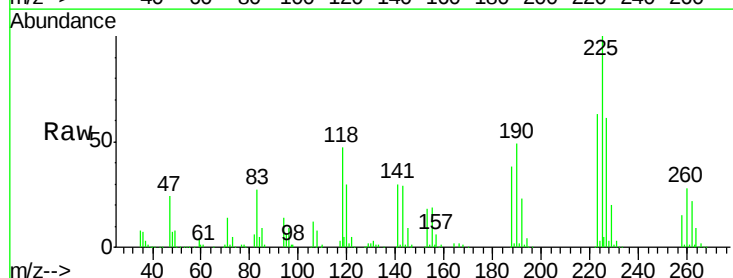
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

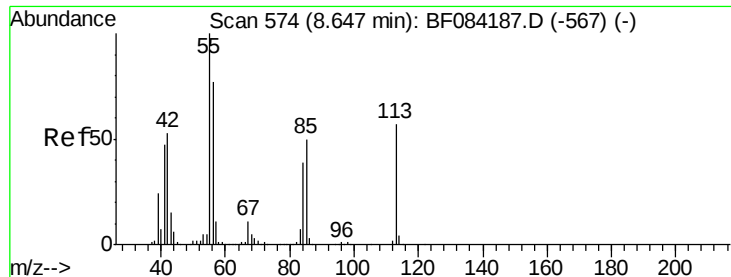
Tgt Ion:	127	Resp:	227675
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.5	39.7
65	34.2	27.2	40.8
92	20.2	17.7	26.5



#34
Hexachlorobutadiene
Concen: 46.92 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:	225	Resp:	386225
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	61.1	50.8	76.2

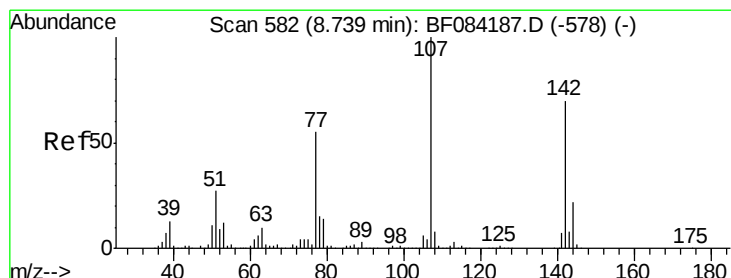
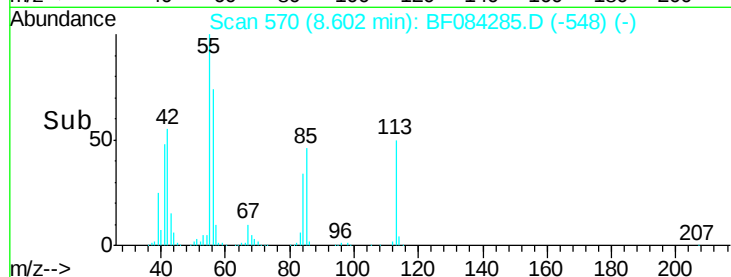
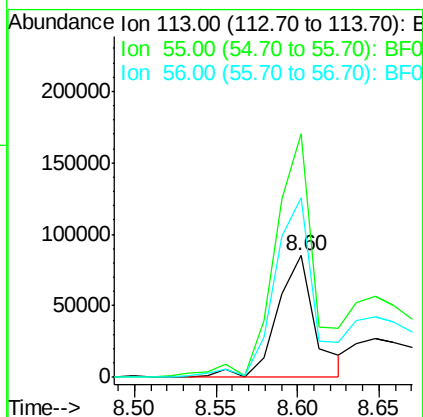
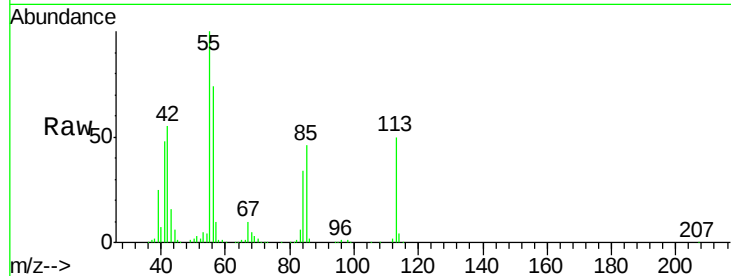




#35
 Caprolactam
 Concen: 29.27 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

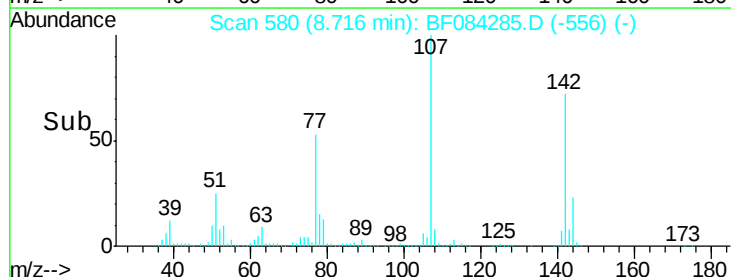
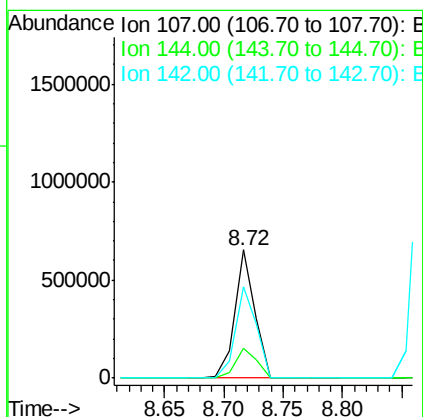
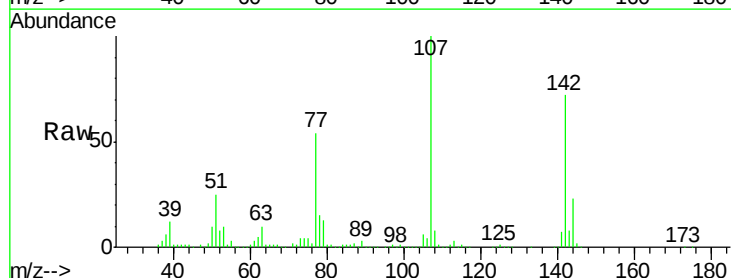
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

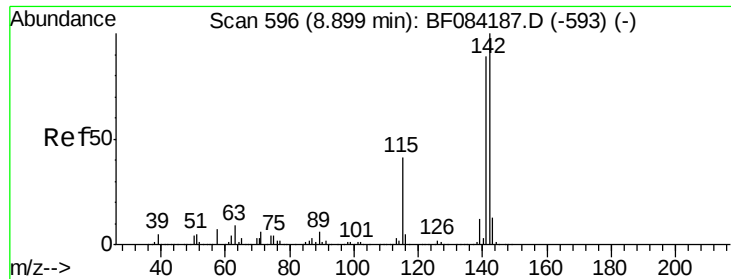
Tgt Ion:113 Resp: 136853
 Ion Ratio Lower Upper
 113 100
 55 200.4 116.9 156.9#
 56 147.5 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 49.04 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion:107 Resp: 761845
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.7 29.5
 142 71.5 61.8 92.6

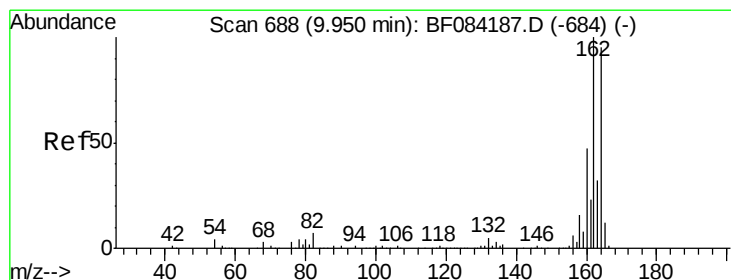
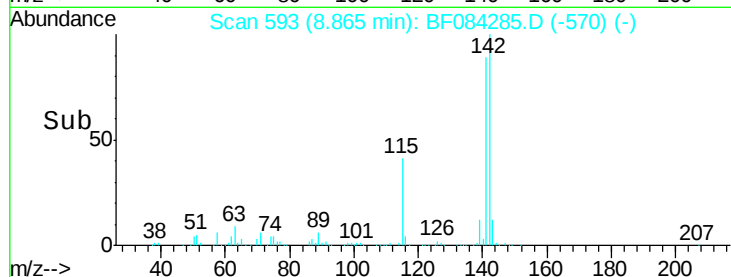
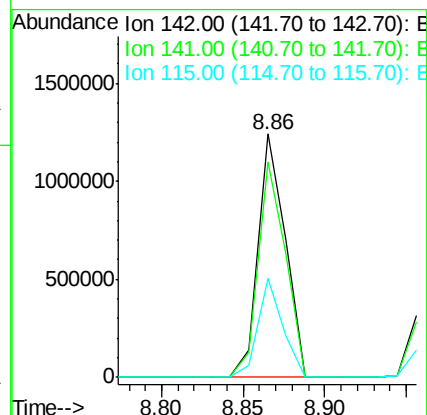
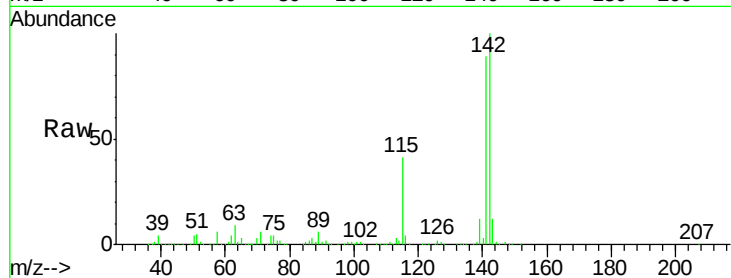




#37
 2-Methylnaphthalene
 Concen: 44.25 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

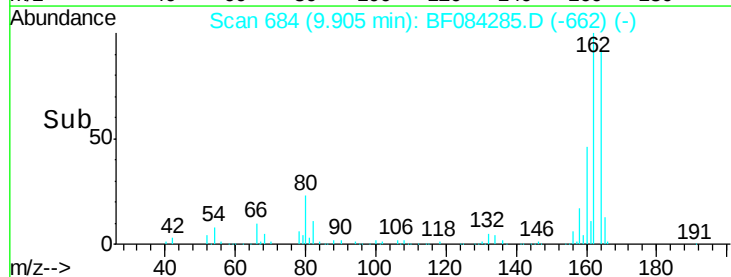
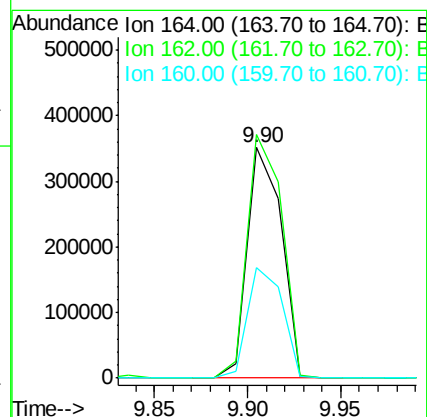
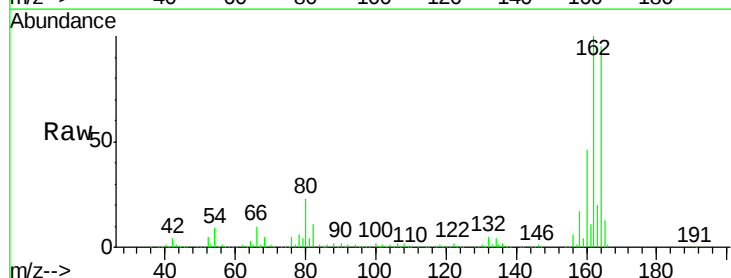
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

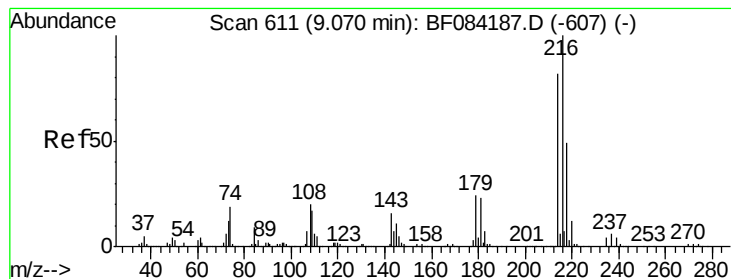
Tgt Ion:142 Resp: 1429539
 Ion Ratio Lower Upper
 142 100
 141 88.7 72.4 108.6
 115 40.6 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion:164 Resp: 444734
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 48.1 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.47 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tgt Ion:216 Resp: 645256

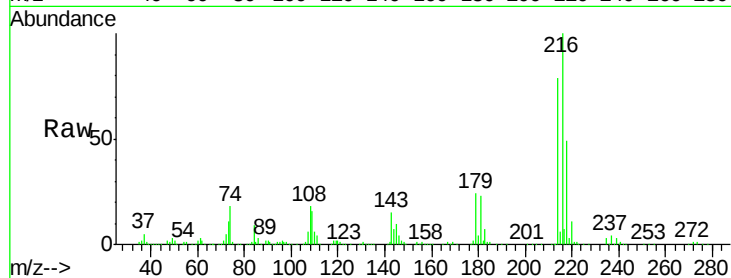
Ion Ratio Lower Upper

216 100

214 79.1 64.2 96.2

179 24.4 18.7 28.1

108 24.4 16.8 25.2

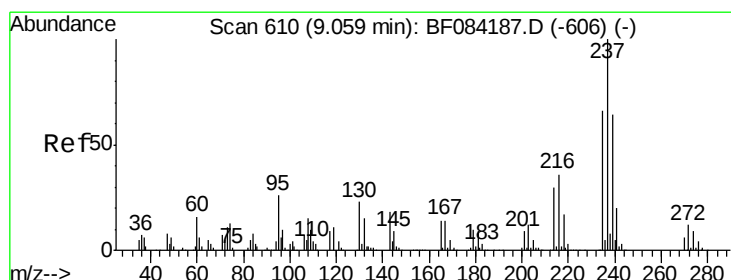
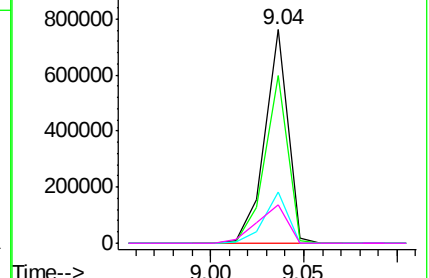
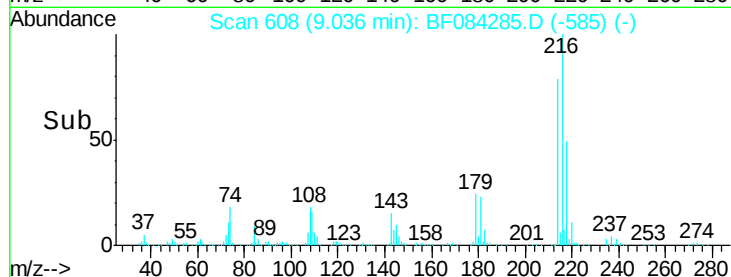


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.87 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

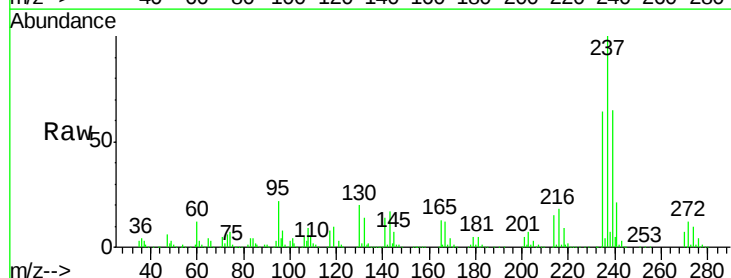
Tgt Ion:237 Resp: 763096

Ion Ratio Lower Upper

237 100

235 64.4 43.1 83.1

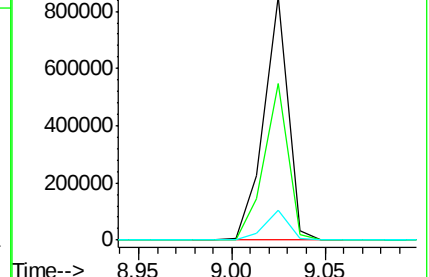
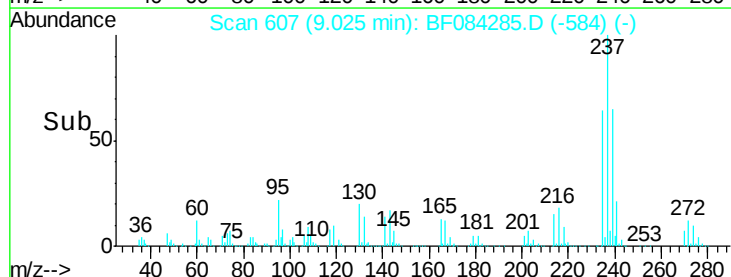
272 12.3 0.0 35.1

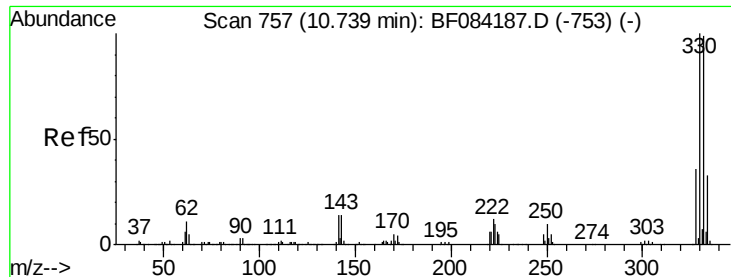


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

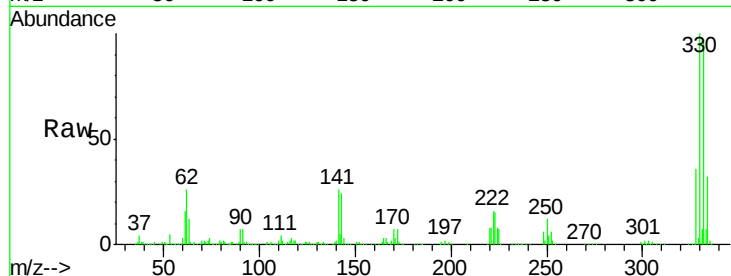




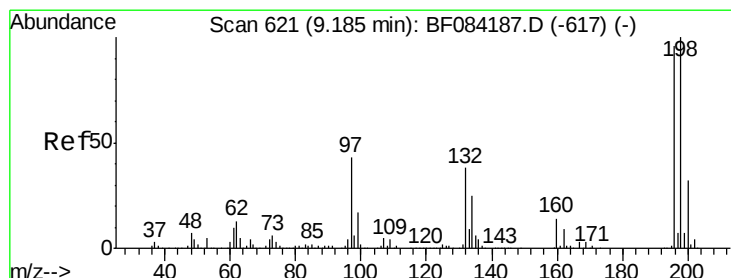
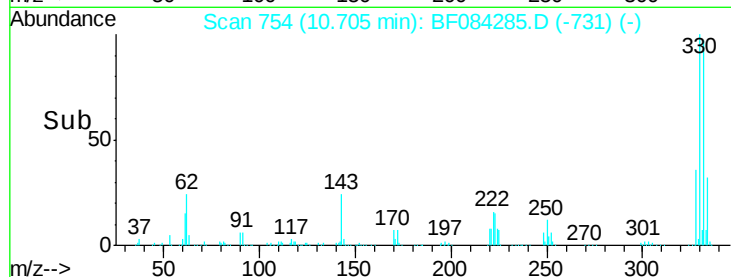
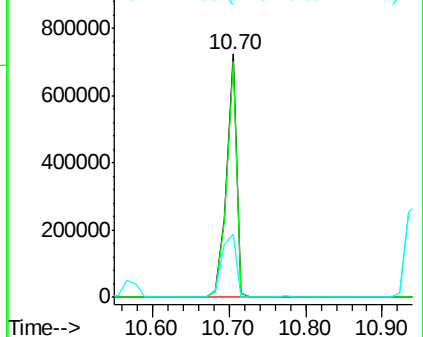
#41
 2,4,6-Tribromophenol
 Concen: 152.43 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tgt Ion:330 Resp: 684400
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 36.7 27.8 41.6

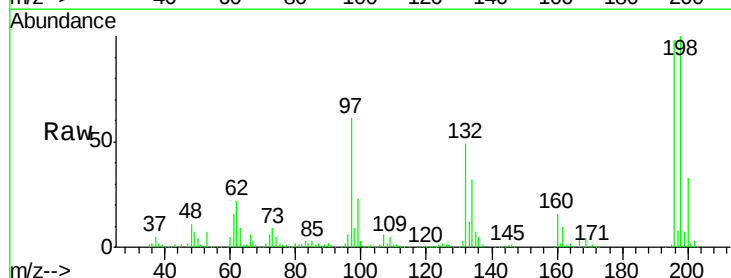


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

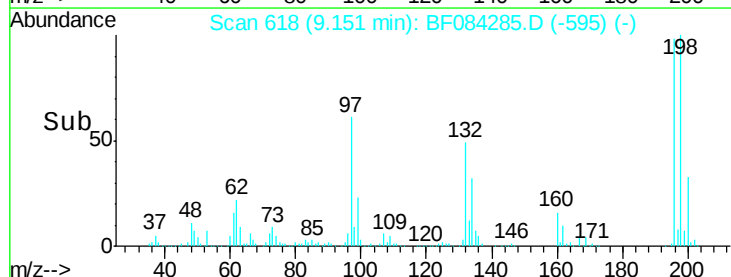
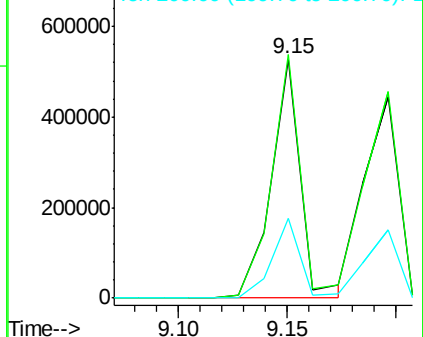


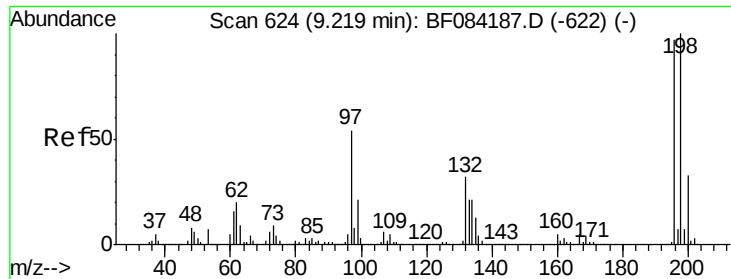
#42
 2,4,6-Trichlorophenol
 Concen: 52.03 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion:196 Resp: 497723
 Ion Ratio Lower Upper
 196 100
 198 101.9 77.7 116.5
 200 33.3 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

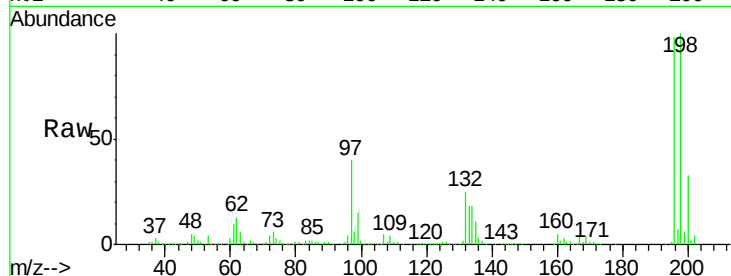




#43
 2,4,5-Trichlorophenol
 Concen: 52.70 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.3	79.0	118.6
97	41.1	33.0	49.6
132	25.9	21.1	31.7



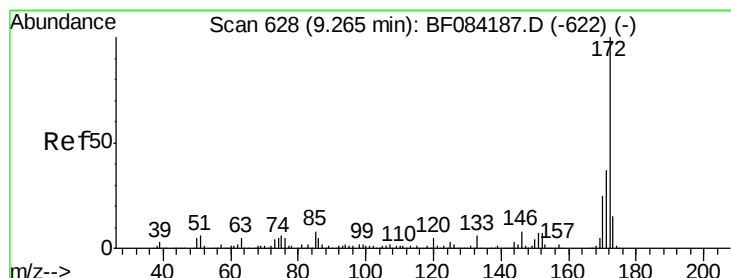
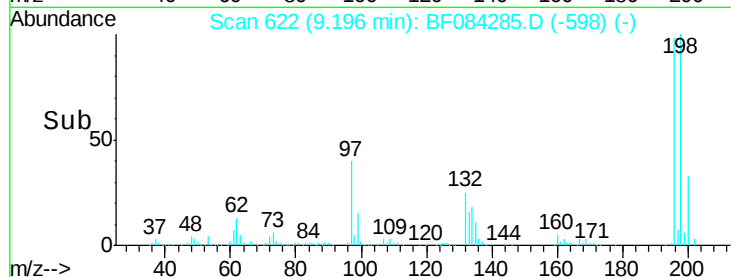
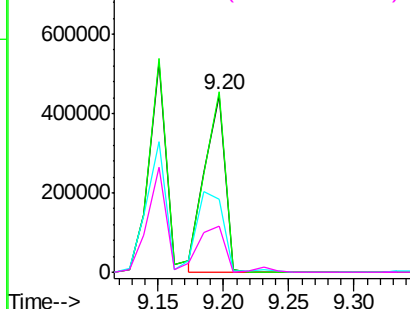
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

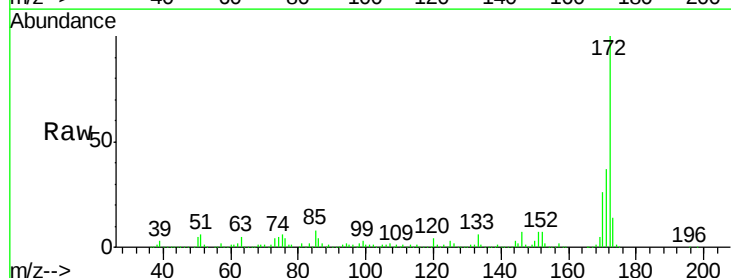
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.16 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.9	43.3
170	25.6	18.6	27.8

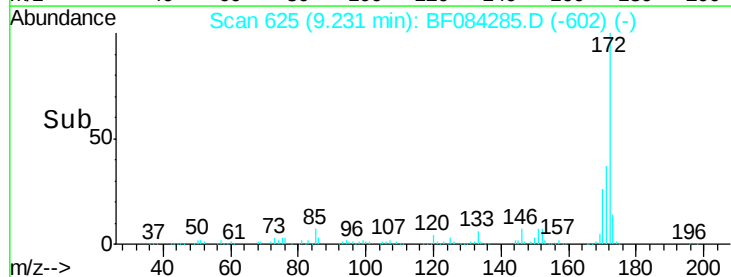
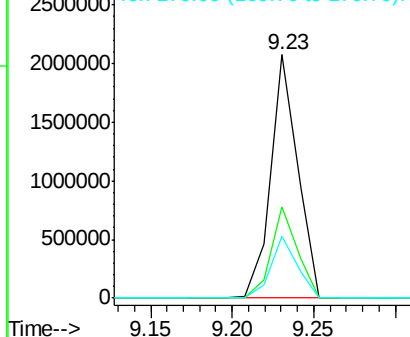


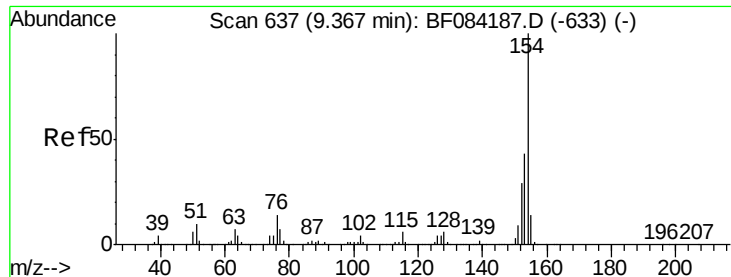
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 48.43 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

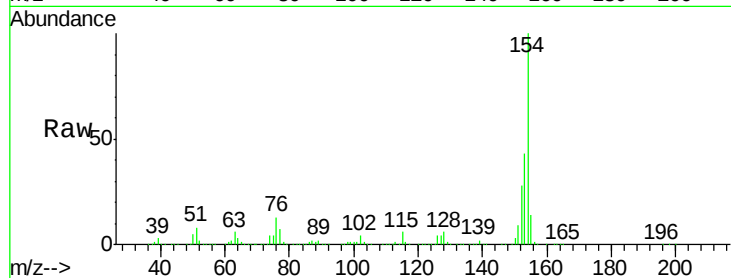
Tgt Ion:154 Resp: 1711839

Ion Ratio Lower Upper

154 100

153 42.6 21.6 61.6

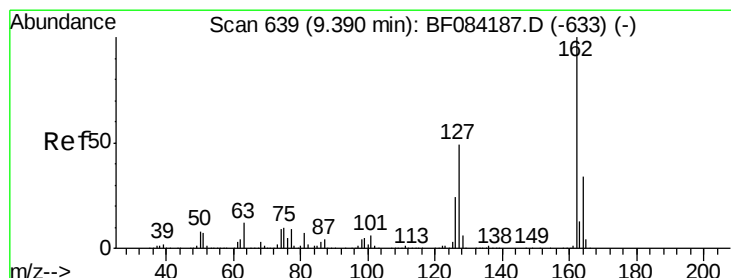
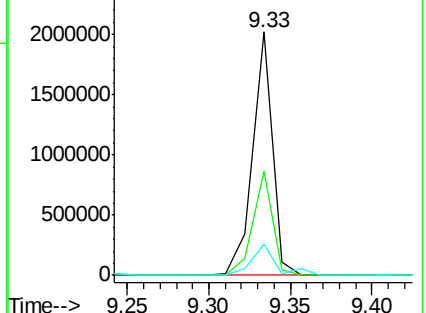
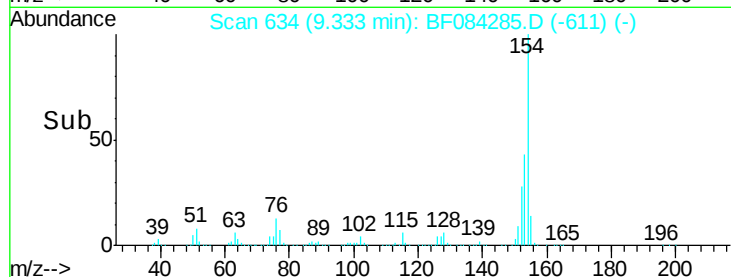
76 12.7 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.79 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

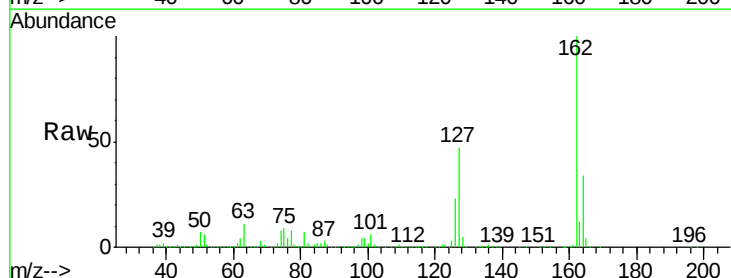
Tgt Ion:162 Resp: 1271418

Ion Ratio Lower Upper

162 100

127 47.2 40.2 60.4

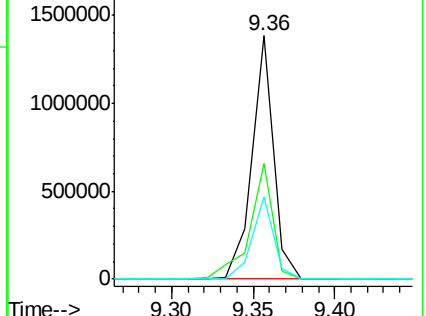
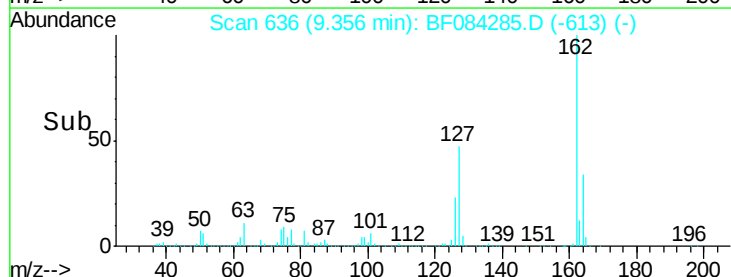
164 34.1 25.7 38.5

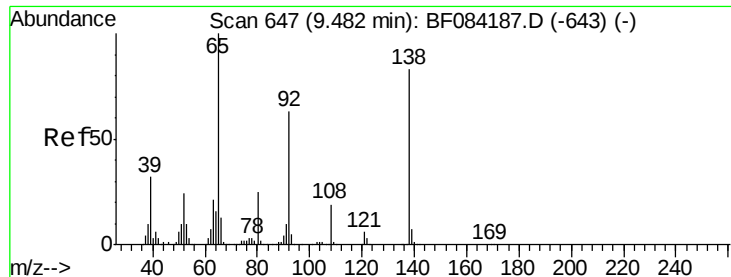


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 58.73 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

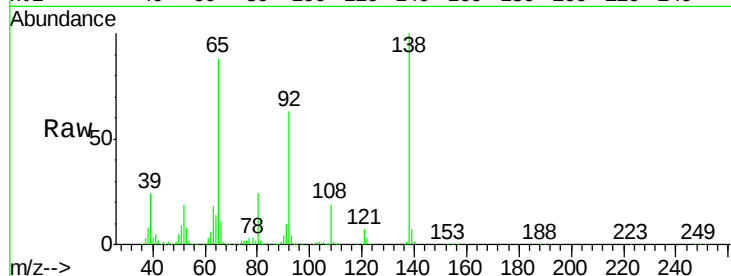
Tgt Ion: 65 Resp: 538126

Ion Ratio Lower Upper

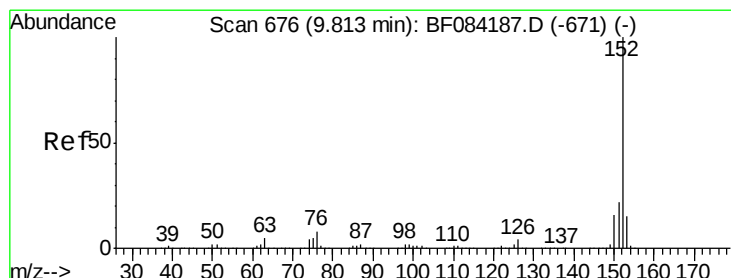
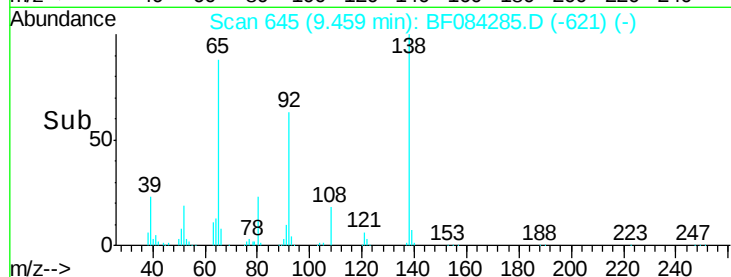
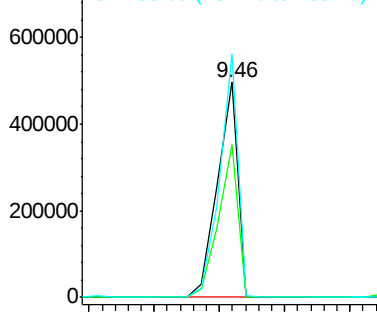
65 100

92 70.9 53.4 80.2

138 113.2 71.1 106.7#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 51.23 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

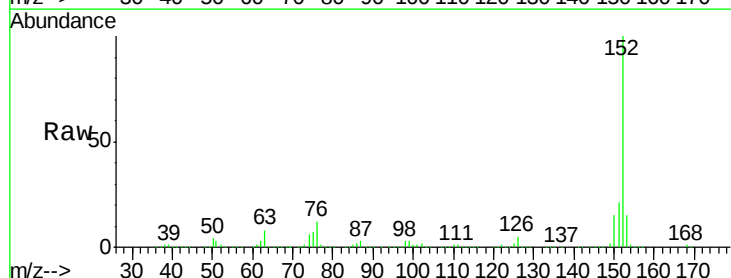
Tgt Ion: 152 Resp: 2101231

Ion Ratio Lower Upper

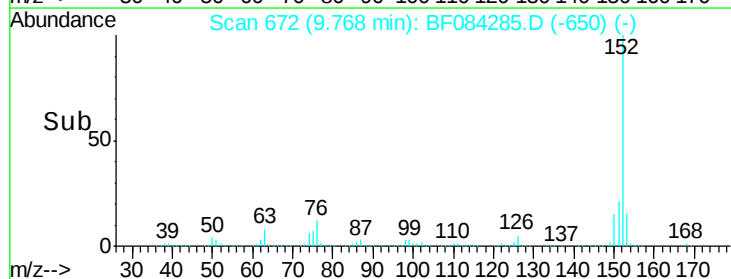
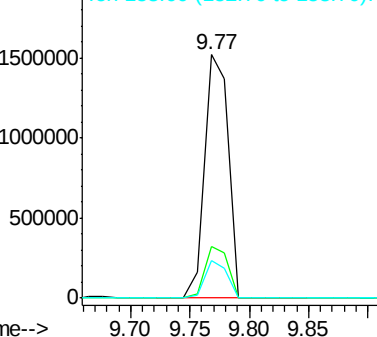
152 100

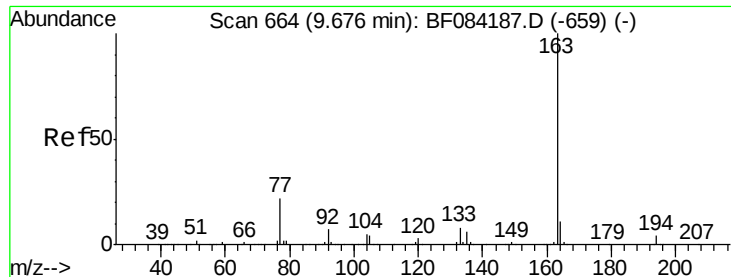
151 21.0 16.3 24.5

153 15.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

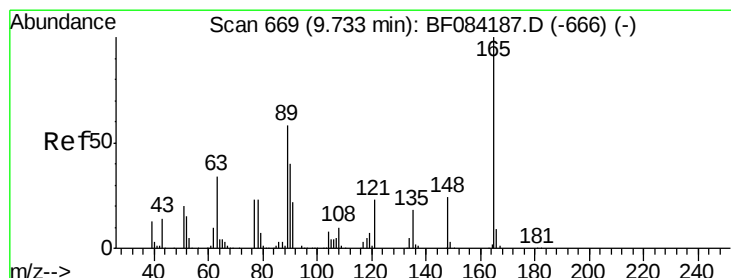
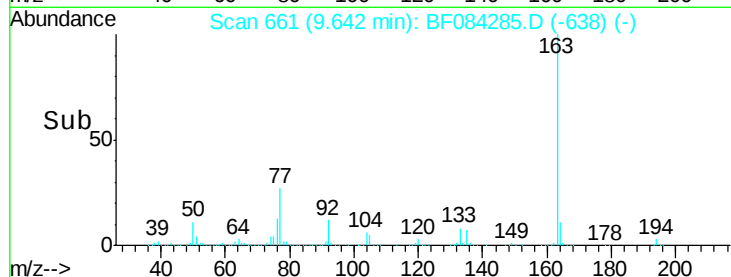
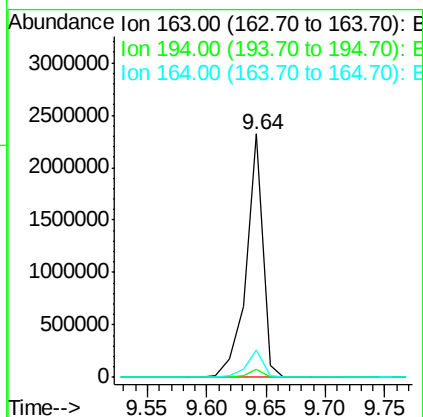
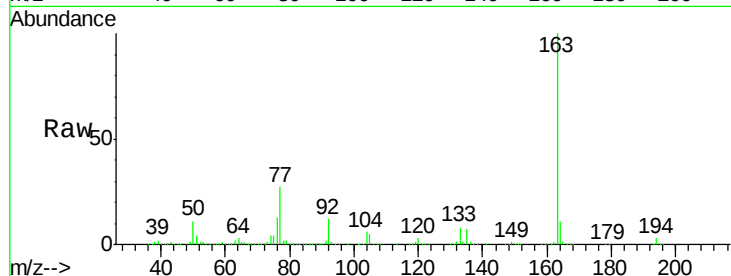




#49
Dimethylphthalate
Concen: 71.40 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

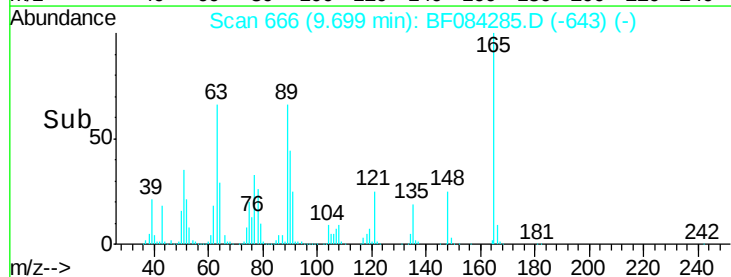
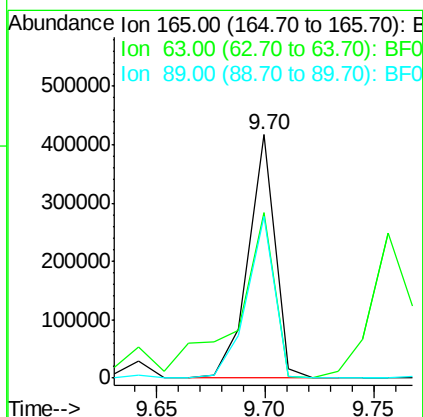
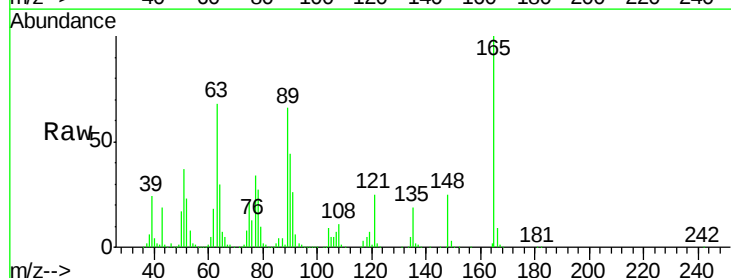
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

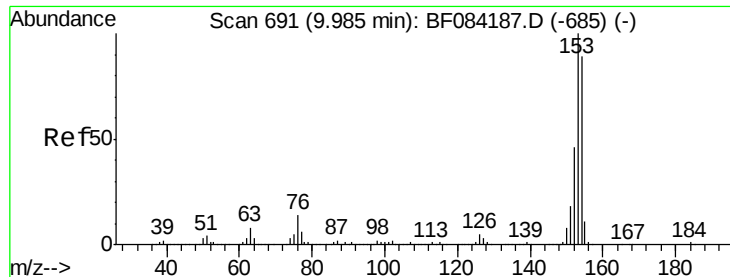
Tgt Ion:163 Resp: 2270217
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 11.5 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 51.33 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:165 Resp: 357959
Ion Ratio Lower Upper
165 100
63 68.1 28.8 43.2#
89 66.3 35.1 52.7#





#51

Acenaphthene

Concen: 57.43 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

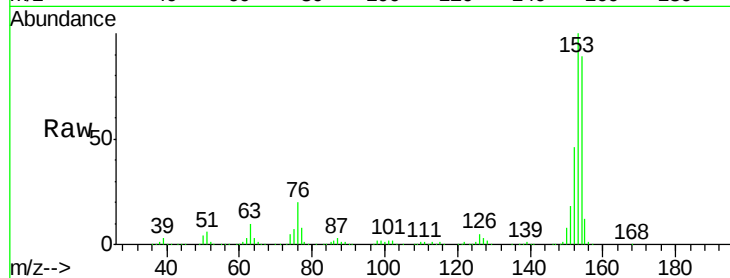
Tgt Ion:154 Resp: 1580104

Ion Ratio Lower Upper

154 100

153 112.6 91.5 137.3

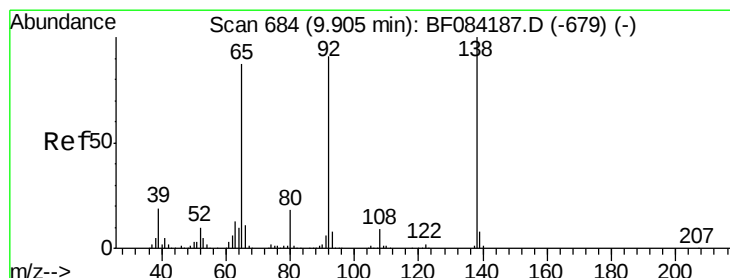
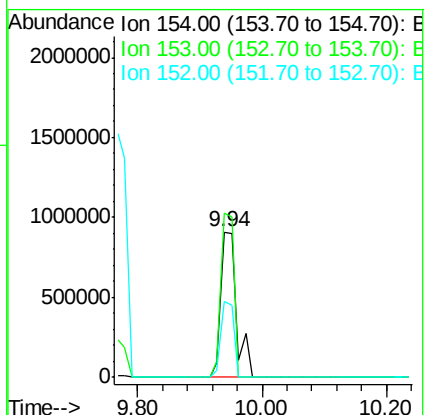
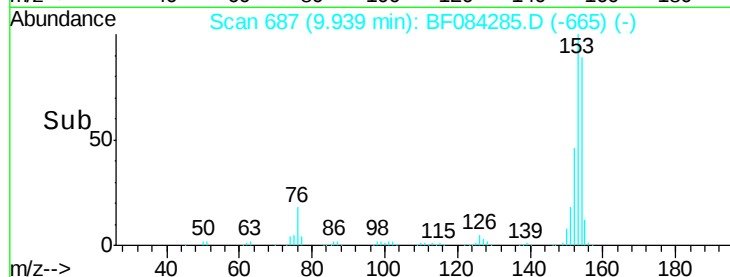
152 52.0 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.44 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

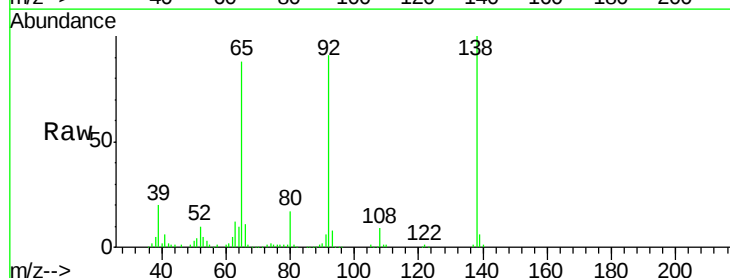
Tgt Ion:138 Resp: 245720

Ion Ratio Lower Upper

138 100

108 9.4 10.5 15.7#

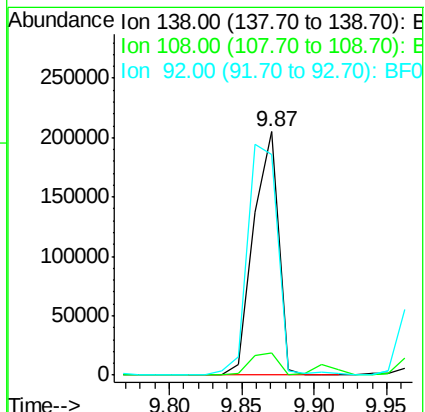
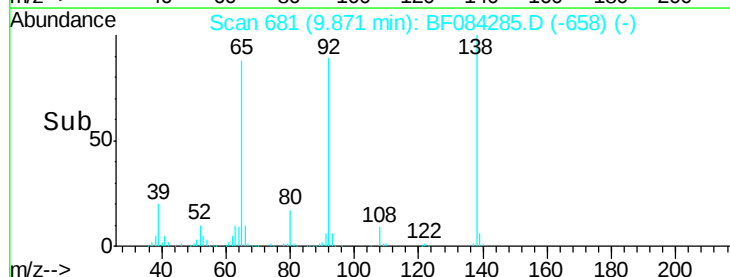
92 90.7 103.9 155.9#

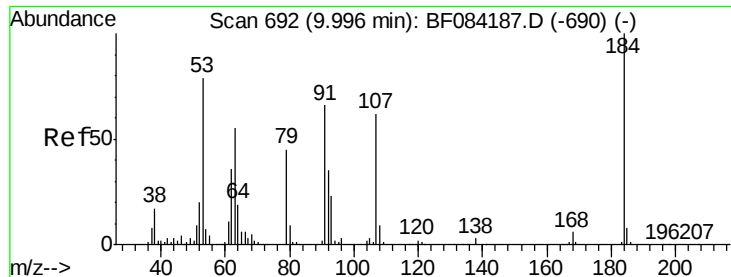


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

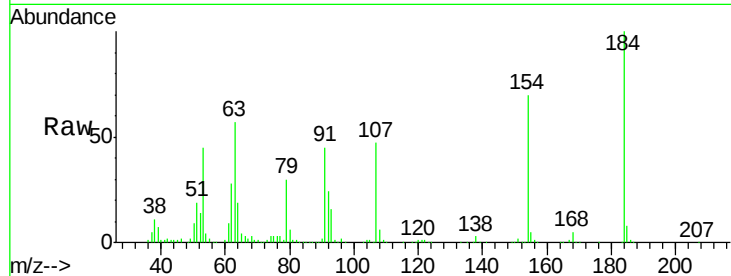




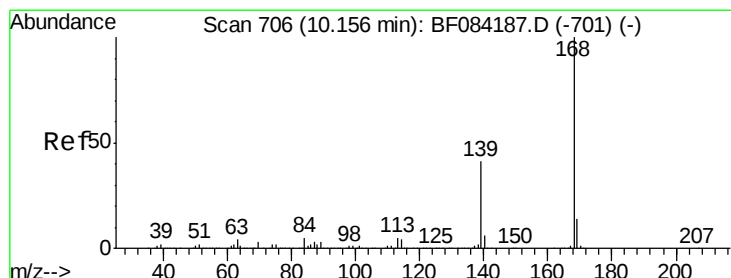
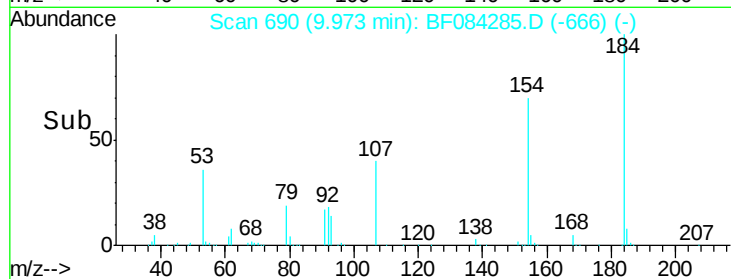
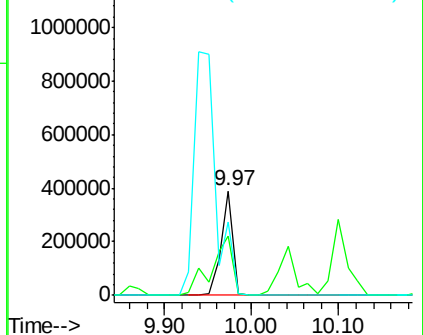
#53
2,4-Dinitrophenol
Concen: 125.53 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tgt Ion:184 Resp: 379165
Ion Ratio Lower Upper
184 100
63 57.1 43.1 64.7
154 70.5 60.5 90.7

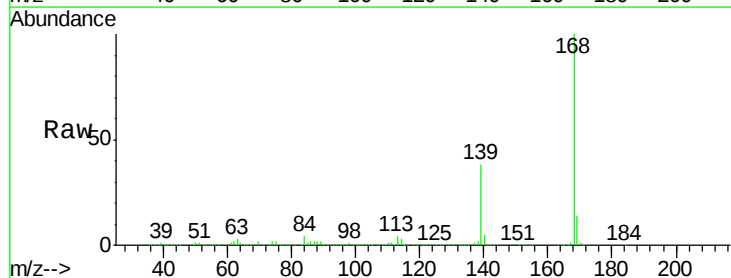


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

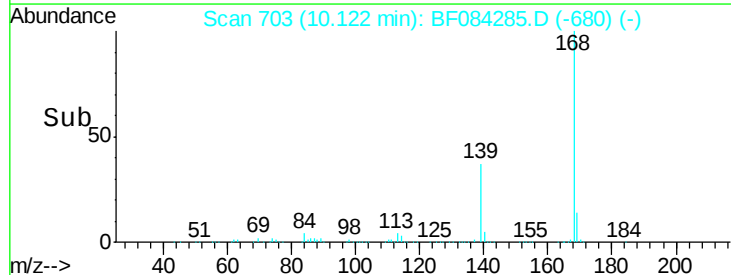
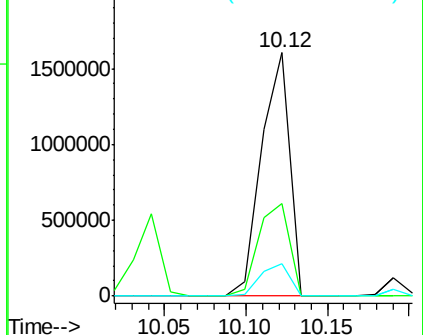


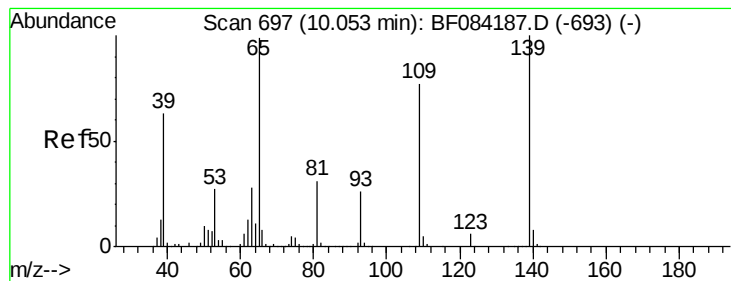
#54
Dibenzofuran
Concen: 54.60 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:168 Resp: 1923058
Ion Ratio Lower Upper
168 100
139 38.1 30.5 45.7
169 13.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 93.54 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

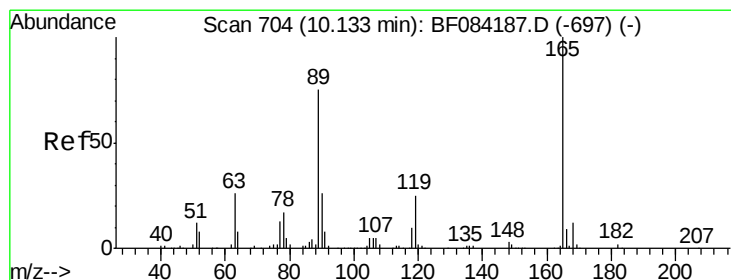
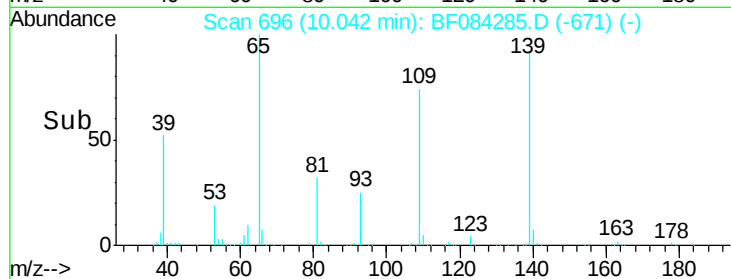
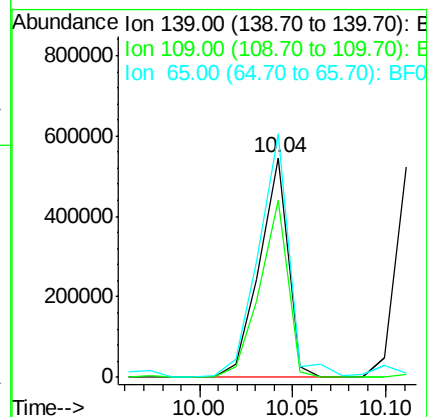
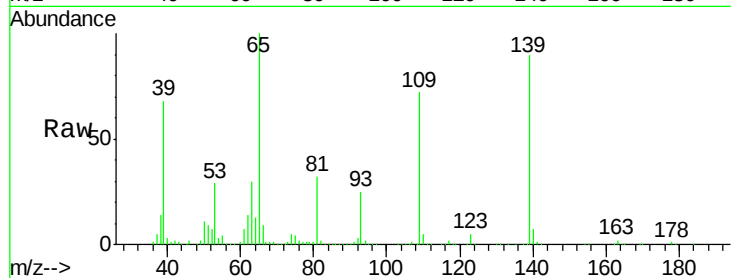
Tgt Ion:139 Resp: 586690

Ion Ratio Lower Upper

139 100

109 80.3 58.5 98.5

65 110.7 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 50.03 ng

RT: 10.10 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:165 Resp: 441527

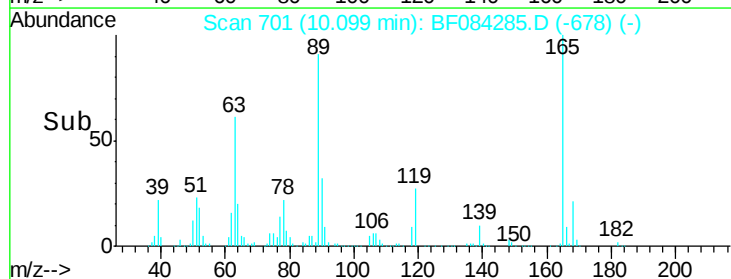
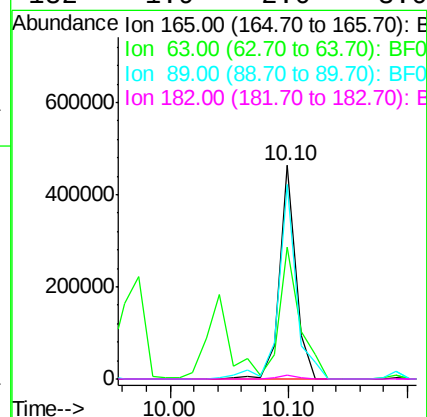
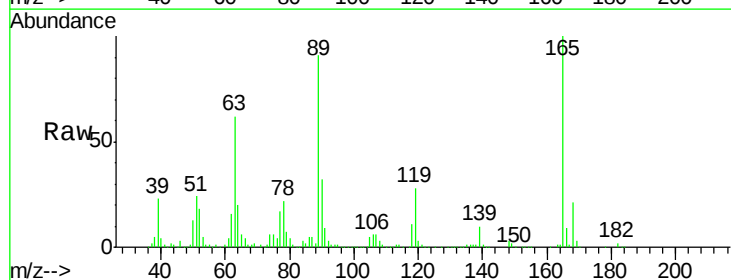
Ion Ratio Lower Upper

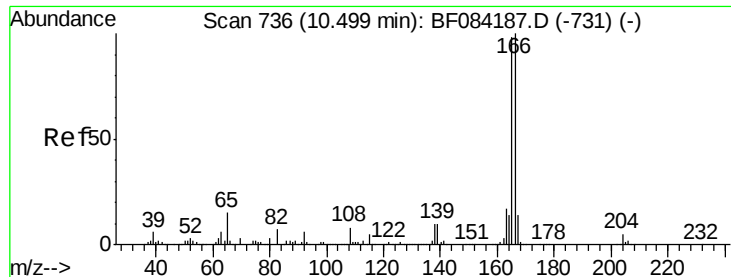
165 100

63 61.5 36.7 55.1#

89 90.8 61.9 92.9

182 1.9 2.0 3.0#





#57

Fluorene

Concen: 50.08 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

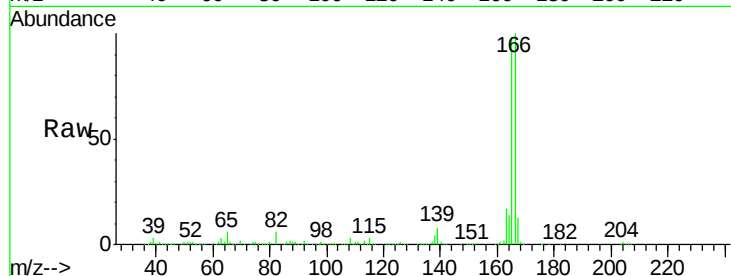
Tgt Ion:166 Resp: 1372666

Ion Ratio Lower Upper

166 100

165 97.7 79.1 118.7

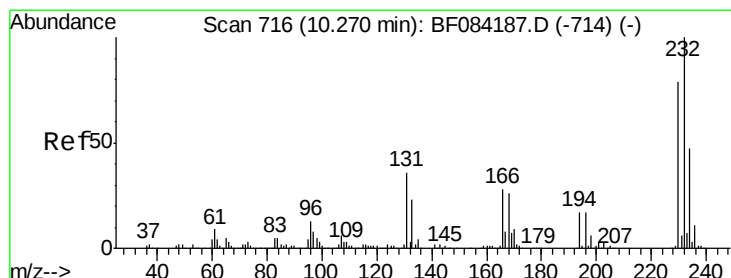
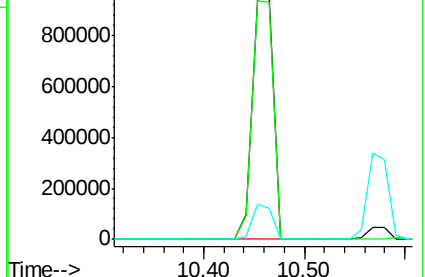
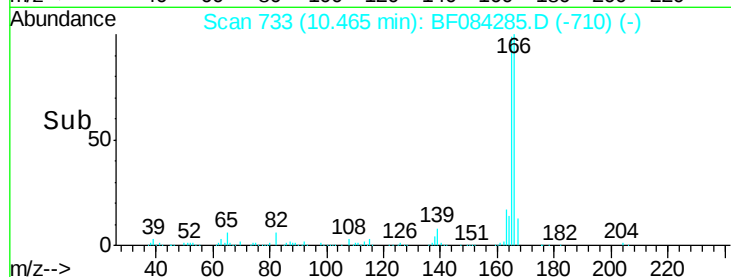
167 13.0 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.83 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion:232 Resp: 405795

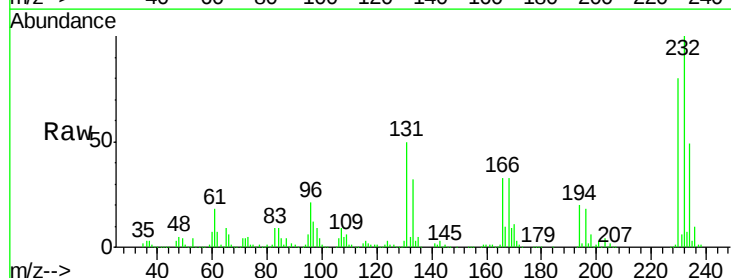
Ion Ratio Lower Upper

232 100

131 53.9 47.0 70.6

130 2.7 2.0 3.0

166 33.4 30.5 45.7

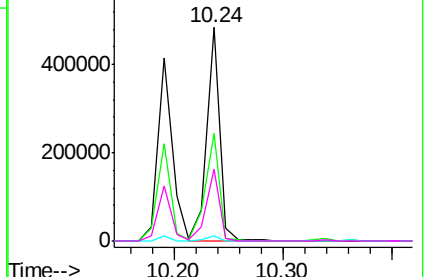
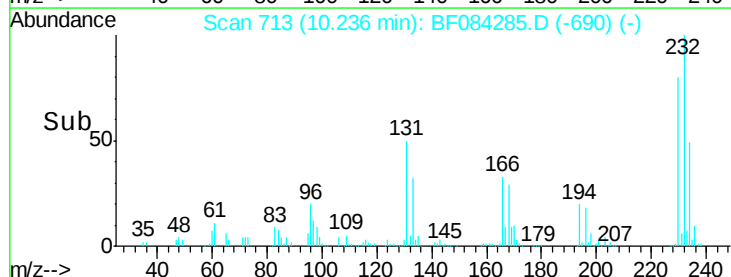


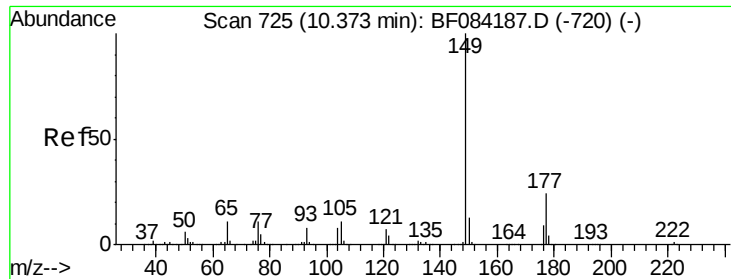
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

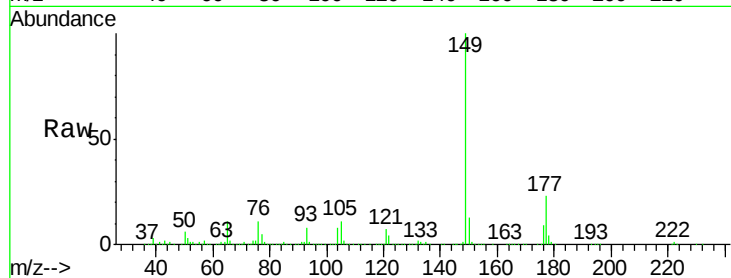




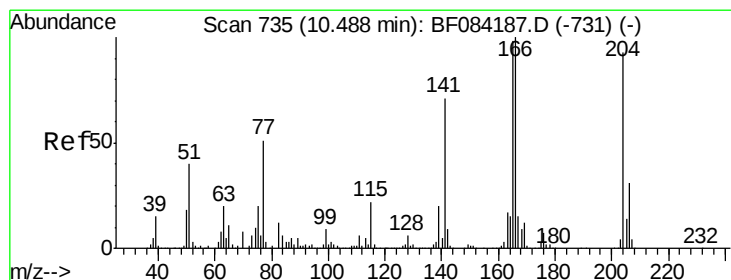
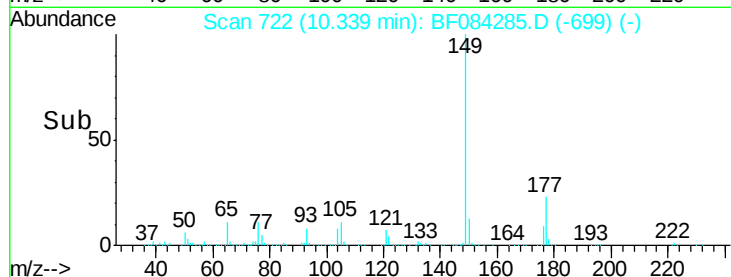
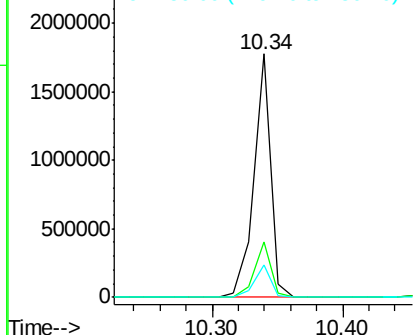
#59
Diethylphthalate
Concen: 50.67 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

Tgt Ion:149 Resp: 1588266
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 13.2 9.8 14.8

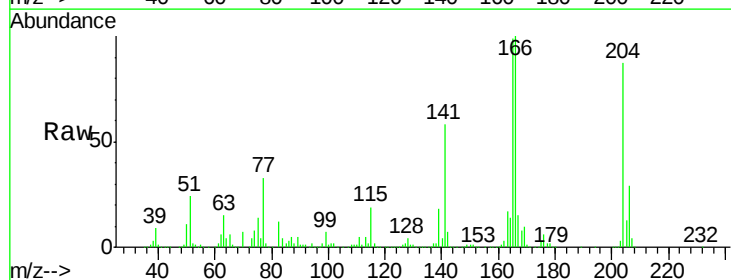


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

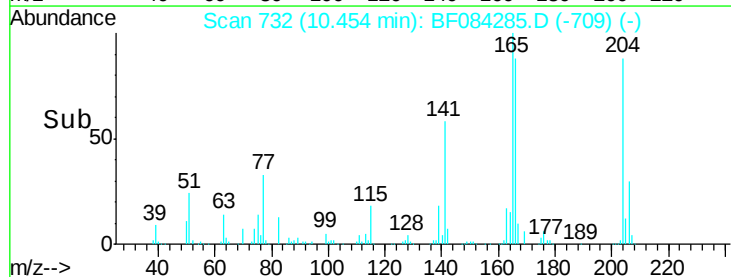
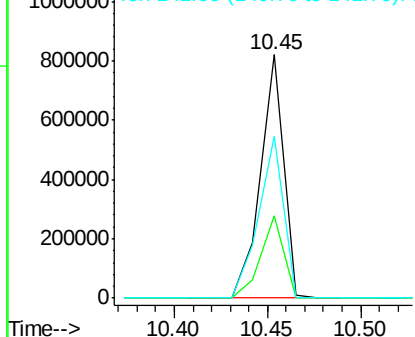


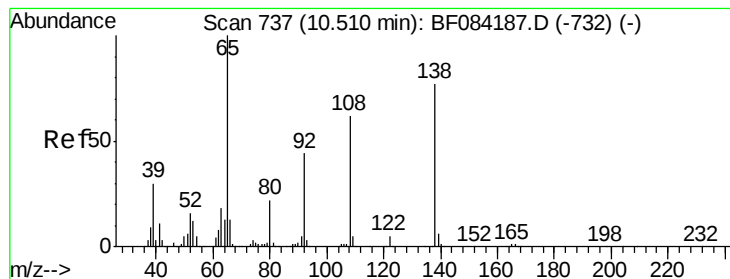
#60
4-Chlorophenyl-phenylether
Concen: 63.40 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:204 Resp: 699509
Ion Ratio Lower Upper
204 100
206 33.8 25.7 38.5
141 66.5 55.1 82.7



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 53.73 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

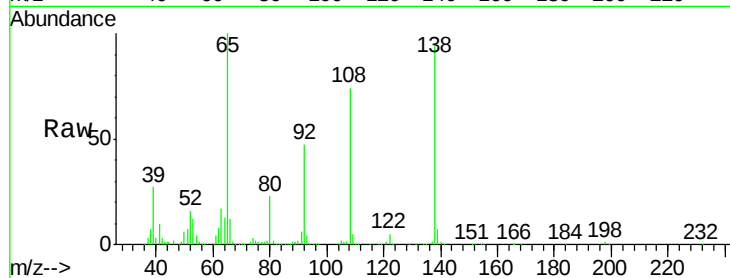
Tgt Ion:138 Resp: 413819

Ion Ratio Lower Upper

138 100

92 49.9 32.6 72.6

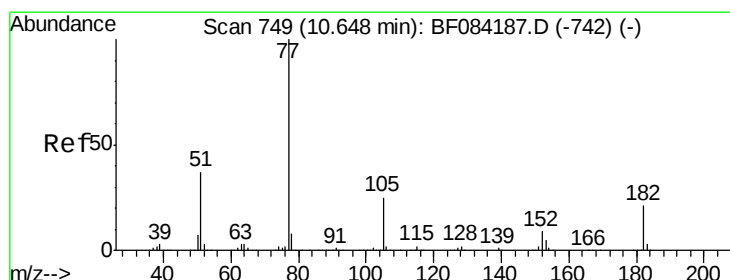
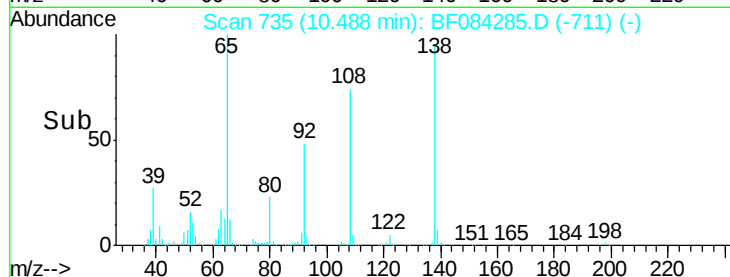
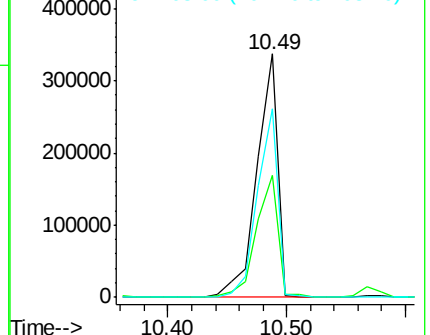
108 77.4 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 52.53 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Tgt Ion: 77 Resp: 1806000

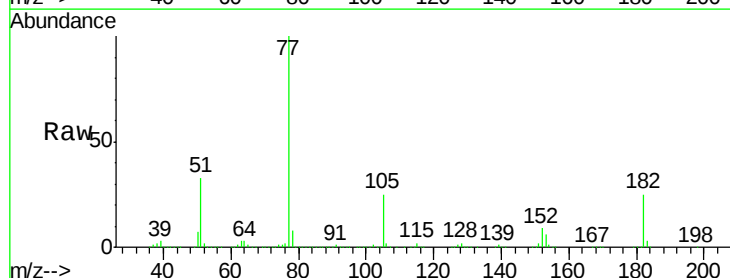
Ion Ratio Lower Upper

77 100

182 25.3 8.3 48.3

105 24.8 4.6 44.6

51 33.1 6.2 46.2

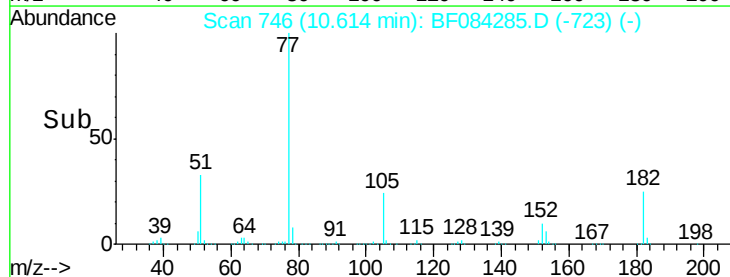
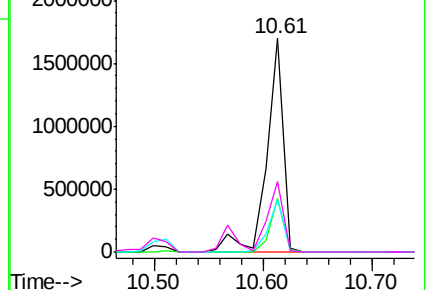


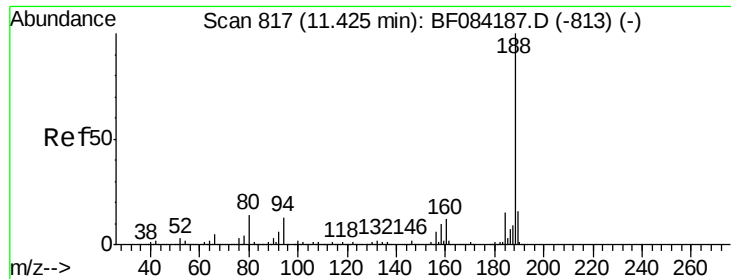
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

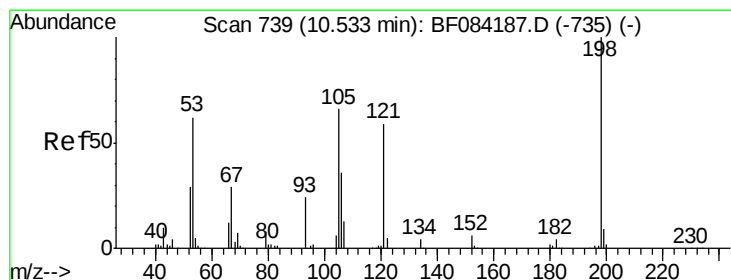
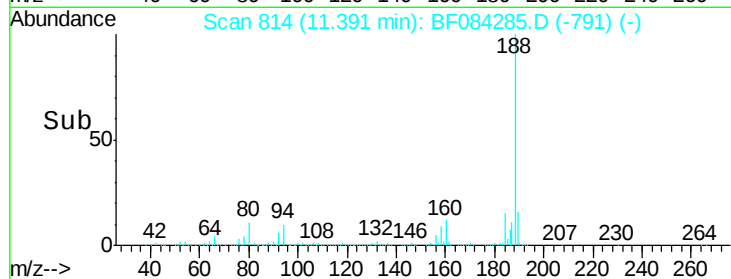
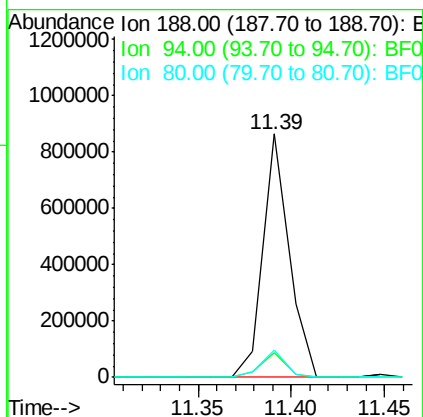
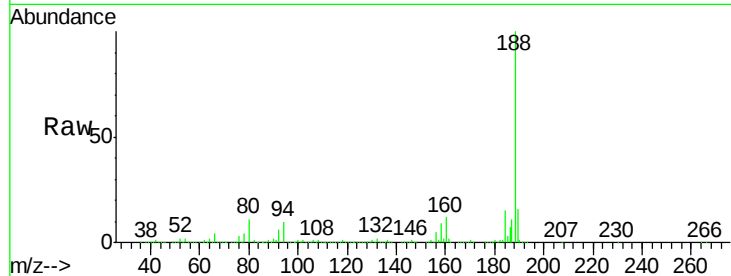




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

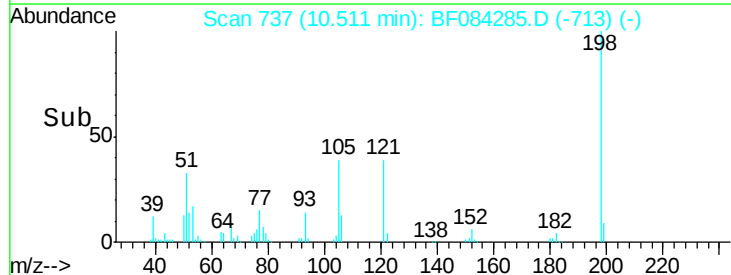
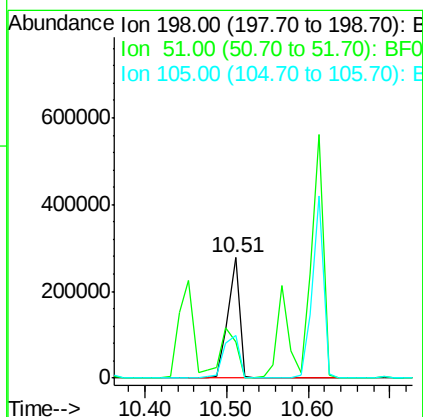
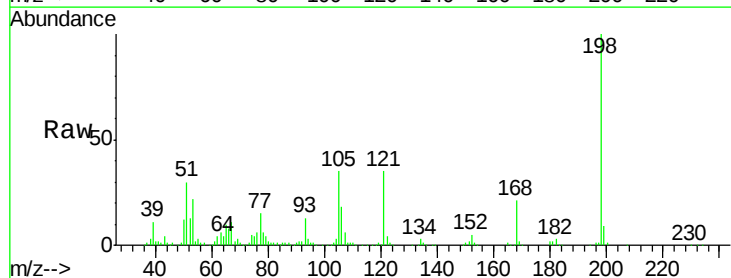
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

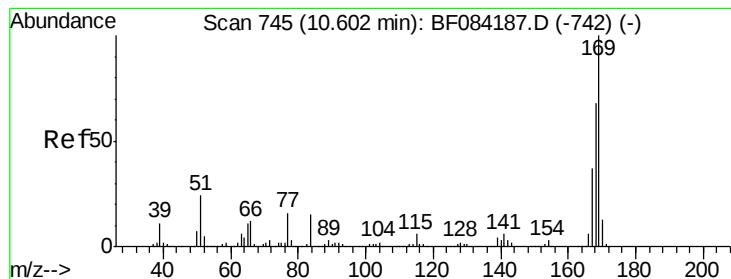
Tgt Ion:188 Resp: 839774
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.4
80 11.4 9.6 14.4



#64
4,6-Dinitro-2-methylphenol
Concen: 55.45 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:198 Resp: 276949
Ion Ratio Lower Upper
198 100
51 29.6 18.9 58.9
105 35.1 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 47.30 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

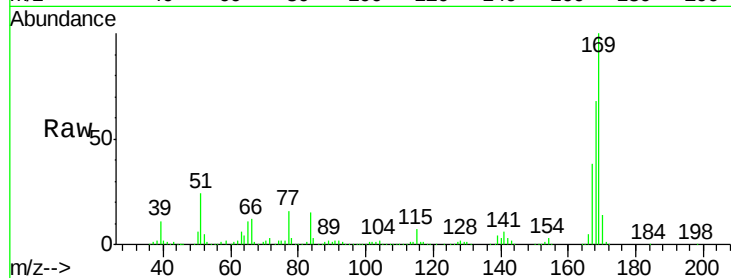
Tgt Ion:169 Resp: 1270074

Ion Ratio Lower Upper

169 100

168 68.4 55.1 82.7

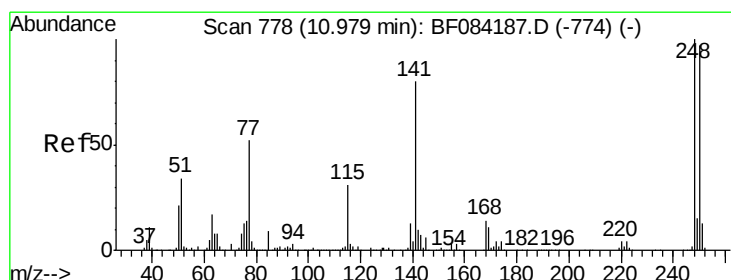
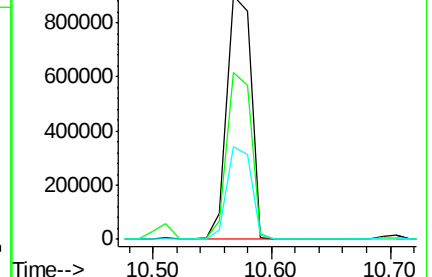
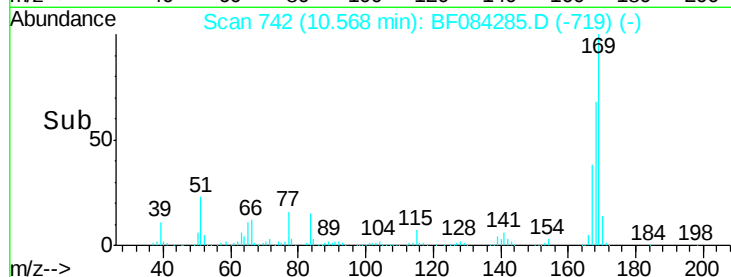
167 37.8 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.12 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

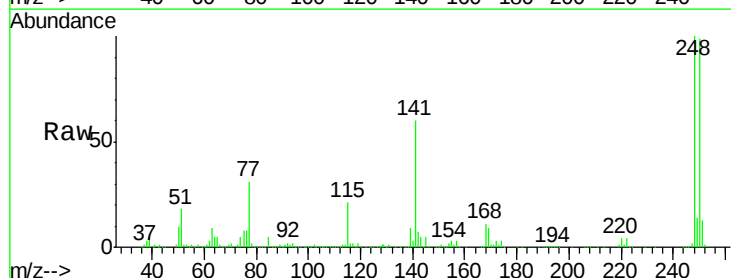
Tgt Ion:248 Resp: 452995

Ion Ratio Lower Upper

248 100

250 98.7 78.4 117.6

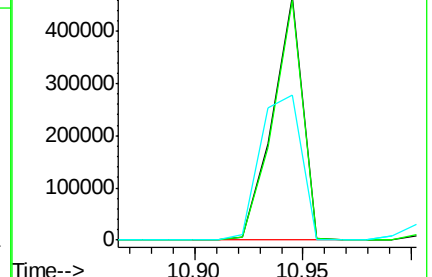
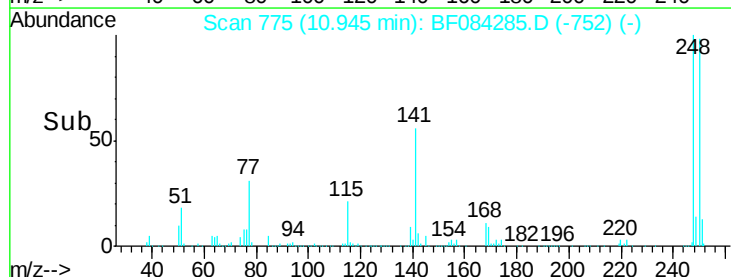
141 59.6 44.0 66.0

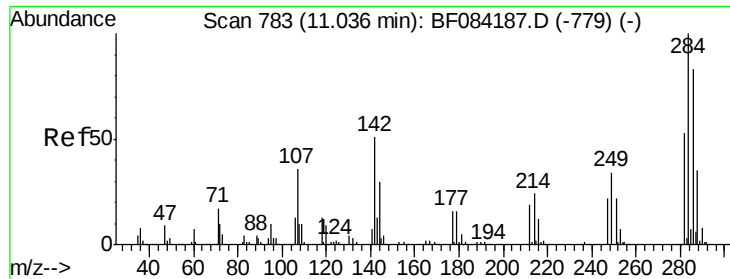


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.07 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

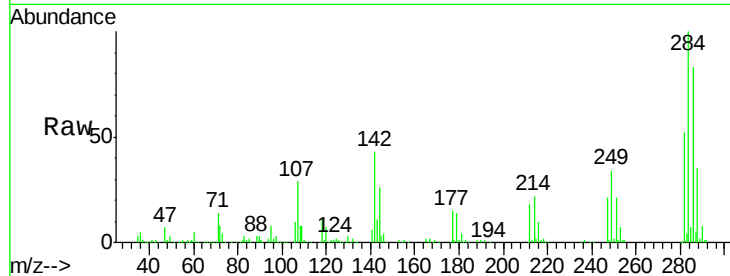
Tgt Ion:284 Resp: 448288

Ion Ratio Lower Upper

284 100

142 43.4 22.2 33.4#

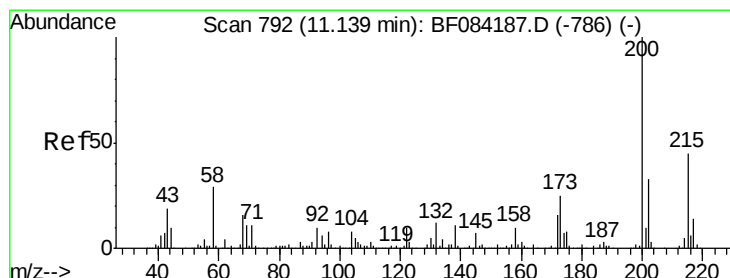
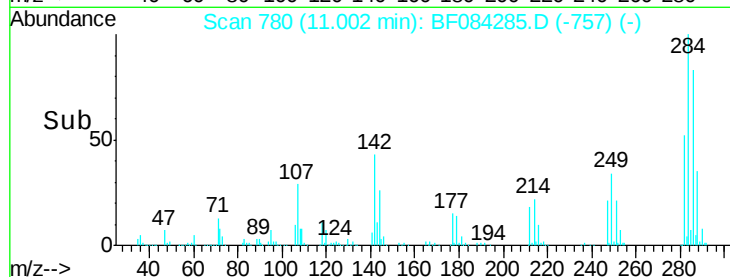
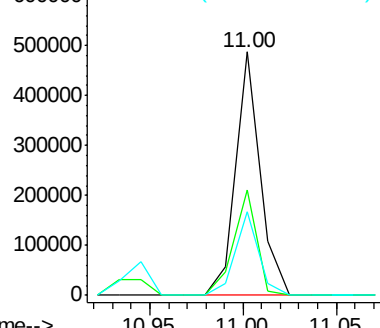
249 34.1 24.6 37.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 53.86 ng

RT: 11.11 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

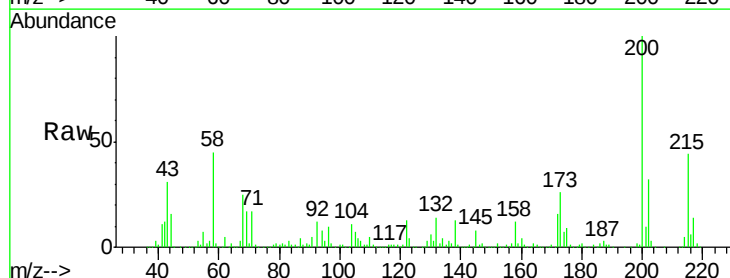
Tgt Ion:200 Resp: 473277

Ion Ratio Lower Upper

200 100

173 26.5 9.5 49.5

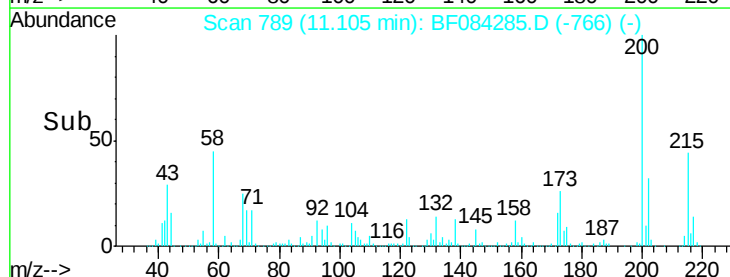
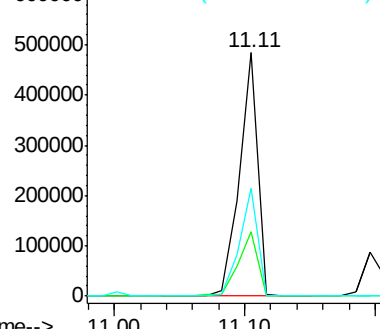
215 44.3 23.8 63.8

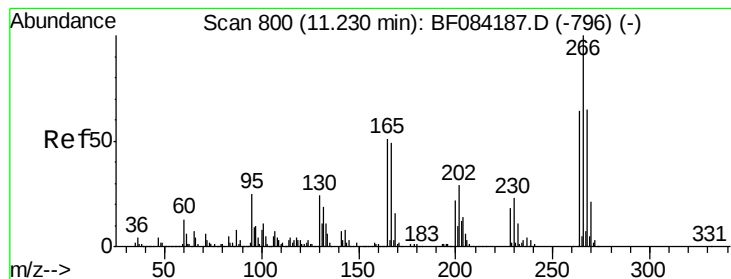


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 87.71 ng

RT: 11.20 min Scan# 797

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

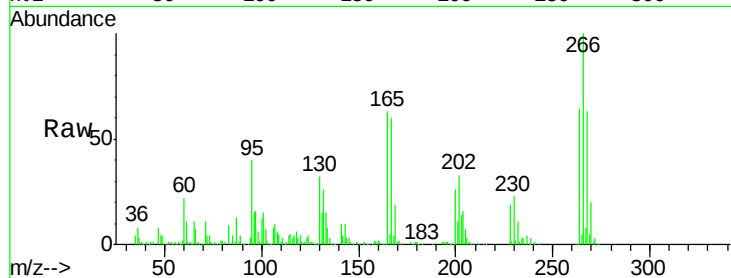
Tgt Ion:266 Resp: 462674

Ion Ratio Lower Upper

266 100

268 62.9 52.4 78.6

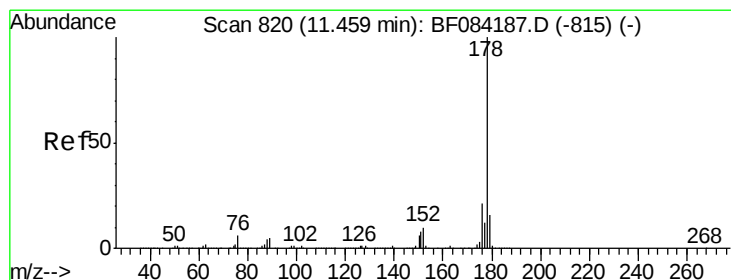
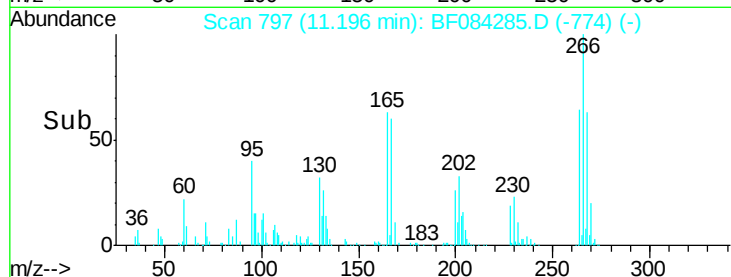
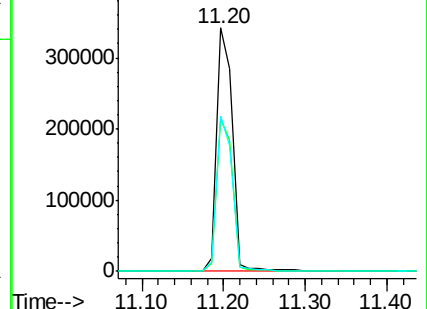
264 63.9 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 48.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

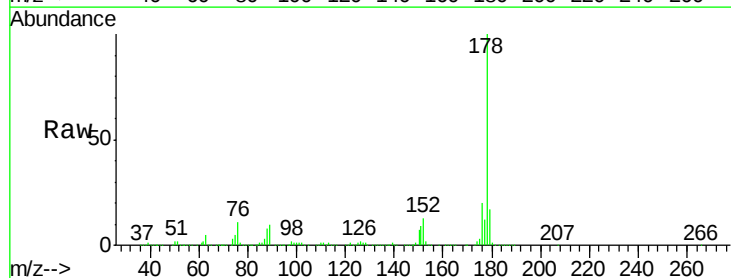
Tgt Ion:178 Resp: 2108649

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

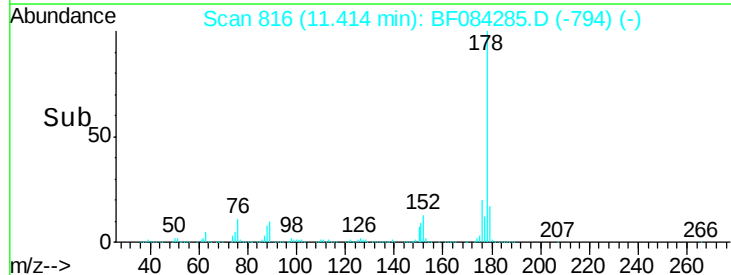
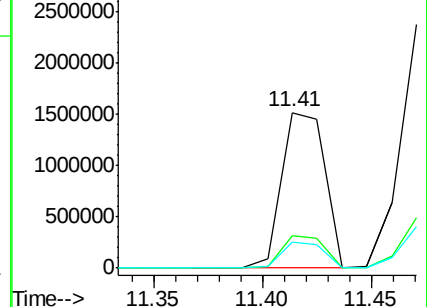
179 16.7 12.0 18.0

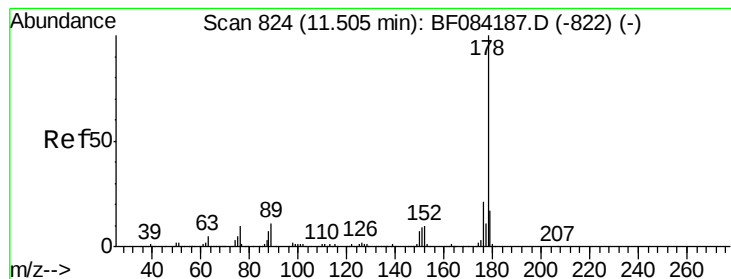


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 49.90 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

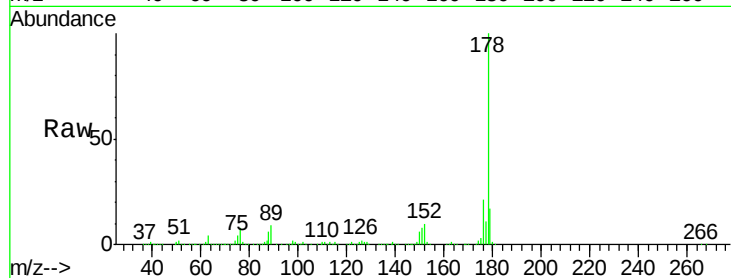
Tgt Ion:178 Resp: 2148869

Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.0

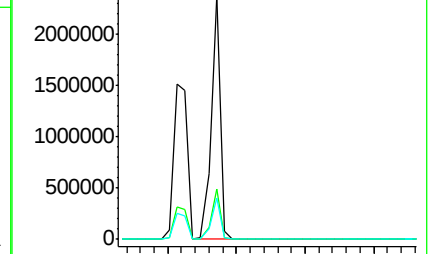
179 17.1 12.5 18.7



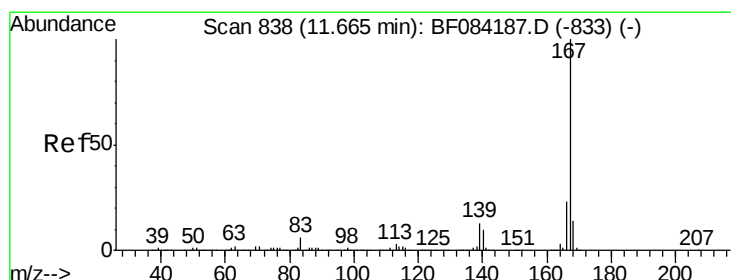
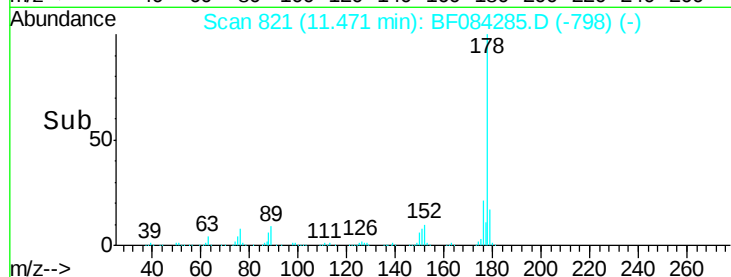
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 48.74 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

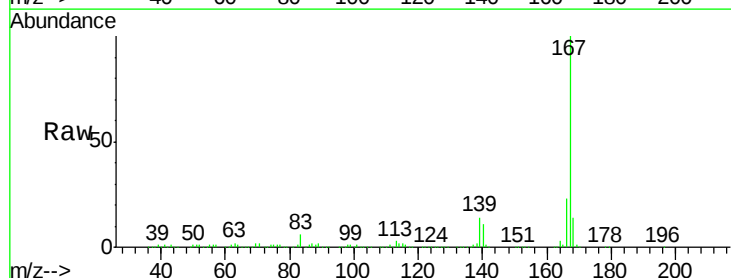
Tgt Ion:167 Resp: 2051907

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

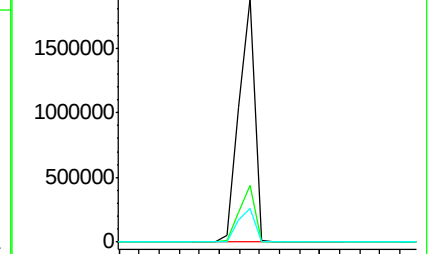
139 13.9 11.8 17.8



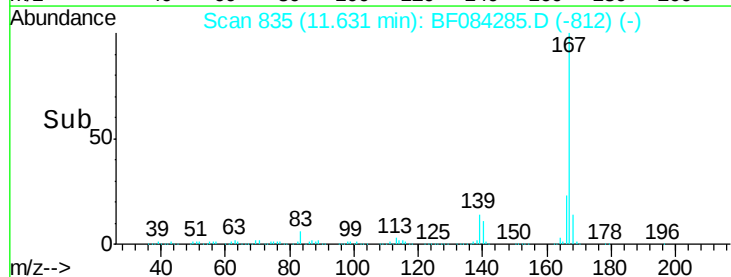
Abundance Ion 167.00 (166.70 to 167.70): E

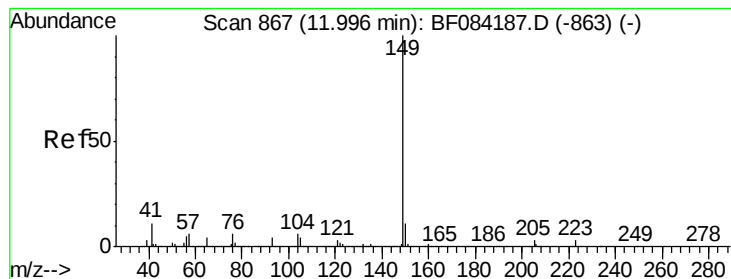
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 59.05 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

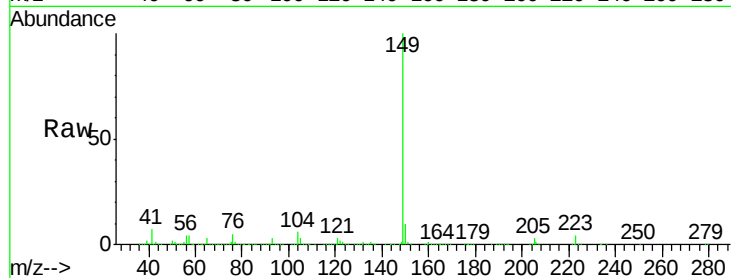
Tgt Ion:149 Resp: 2447208

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

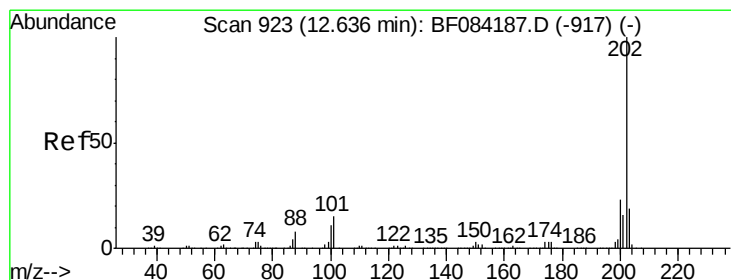
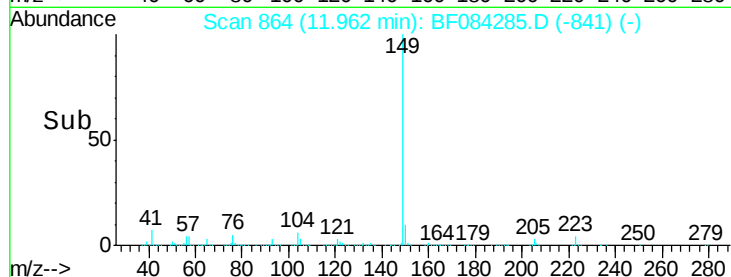
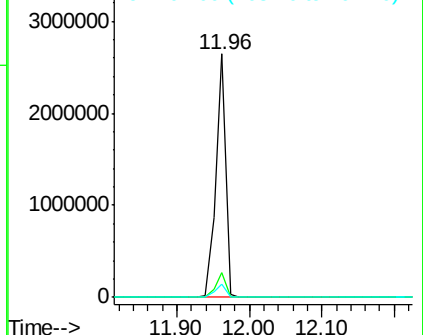
104 5.5 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.39 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

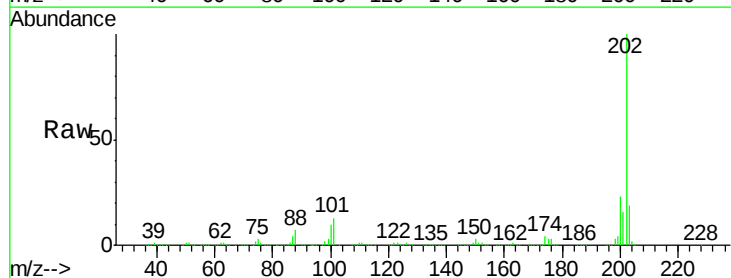
Tgt Ion:202 Resp: 2036873

Ion Ratio Lower Upper

202 100

101 12.7 0.0 32.8

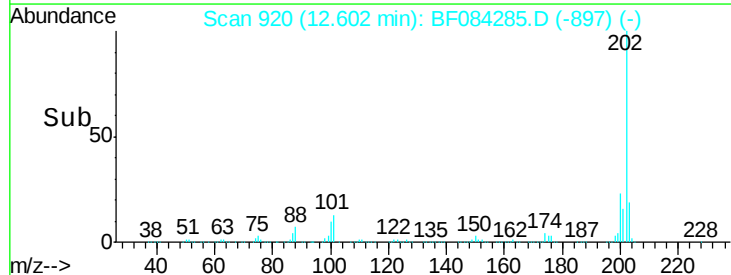
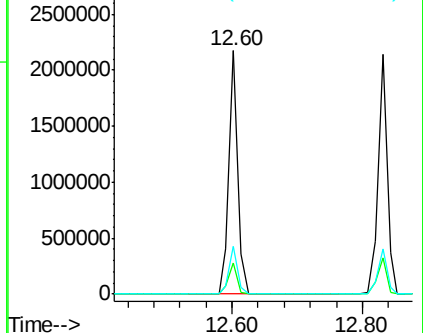
203 19.4 0.0 37.9

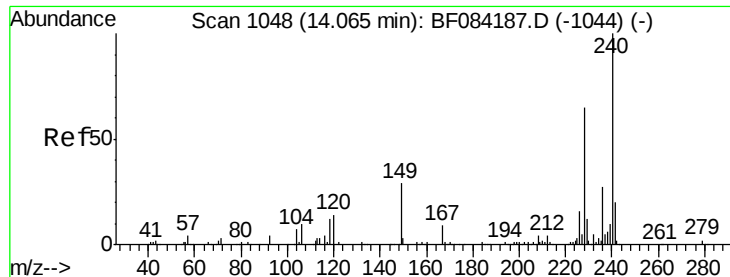


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

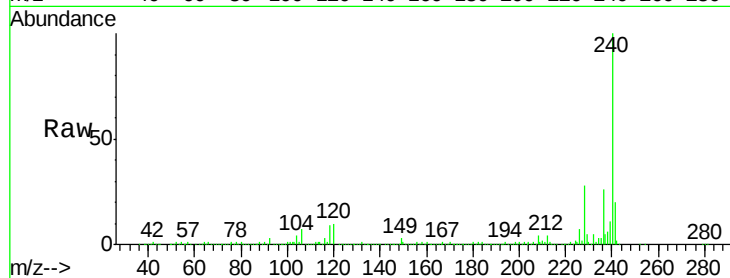
Tgt Ion:240 Resp: 761547

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

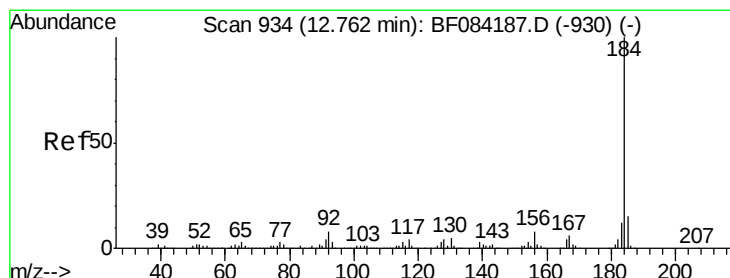
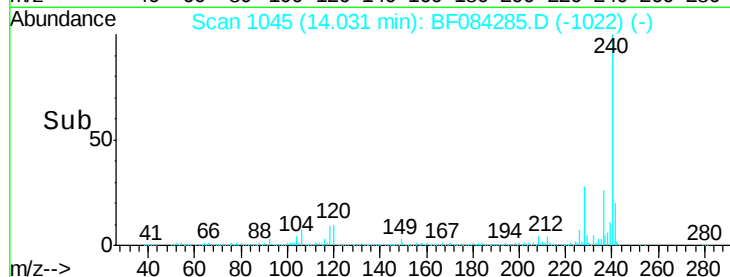
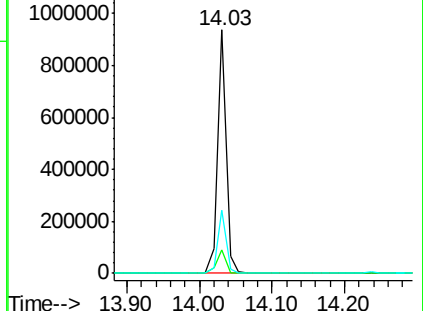
236 25.8 20.6 31.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.93 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

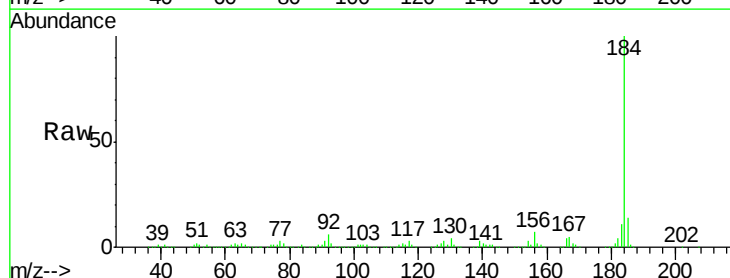
Tgt Ion:184 Resp: 598784

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.2

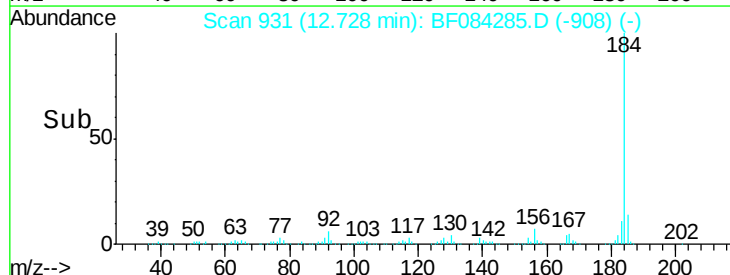
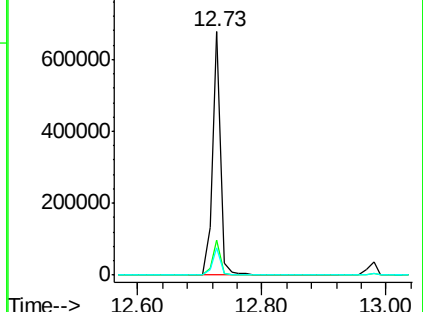
183 11.4 9.8 14.8

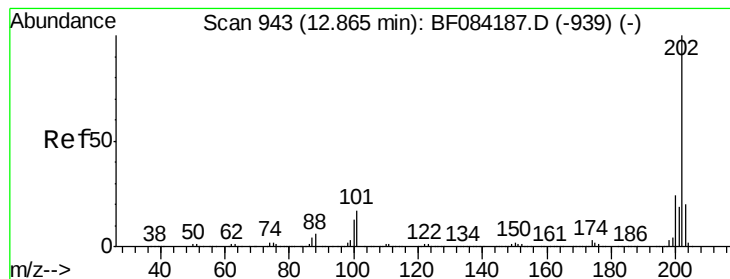


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.60 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

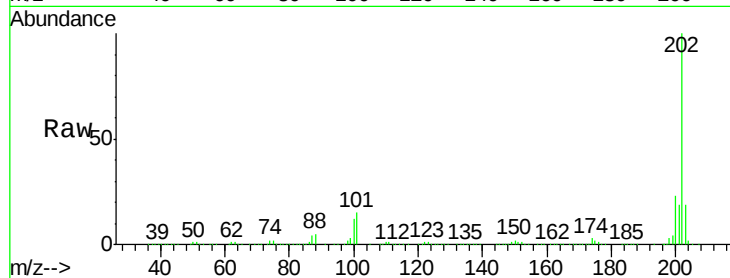
Tgt Ion:202 Resp: 2067596

Ion Ratio Lower Upper

202 100

200 23.2 17.2 25.8

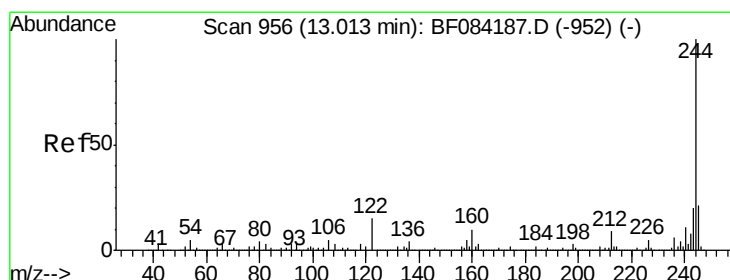
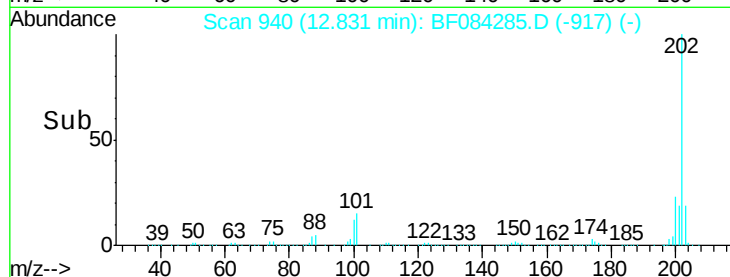
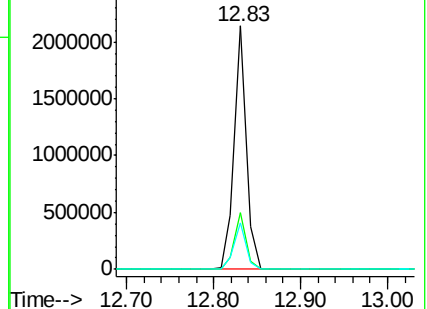
203 19.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 62.45 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.03 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

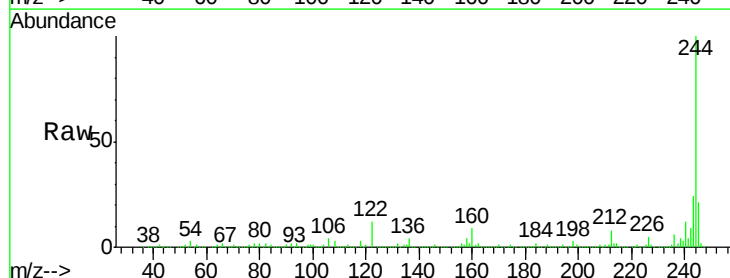
Tgt Ion:244 Resp: 2130603

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

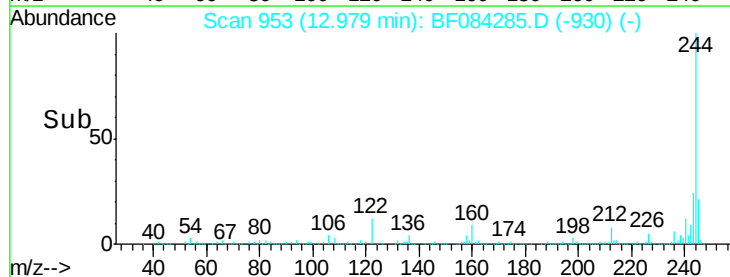
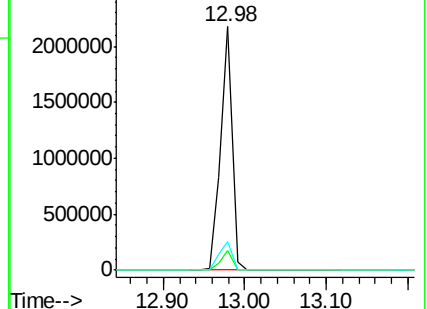
122 11.9 7.4 11.0#

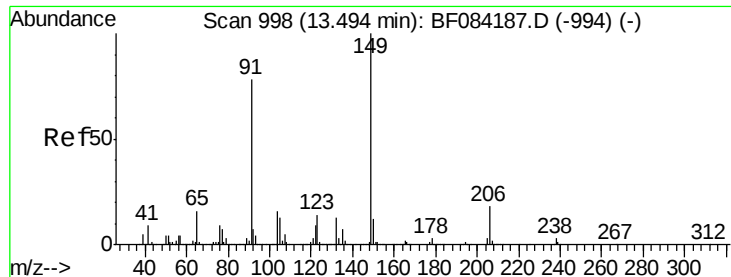


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

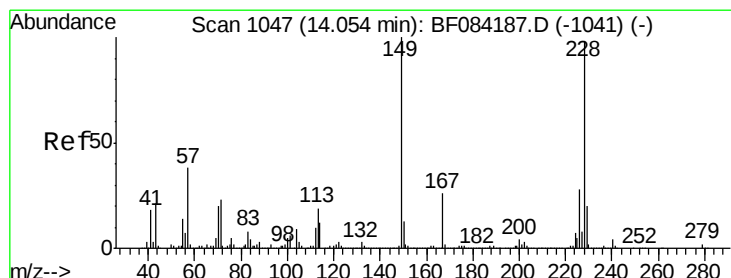
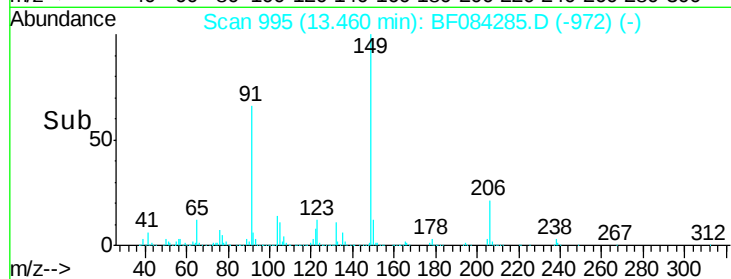
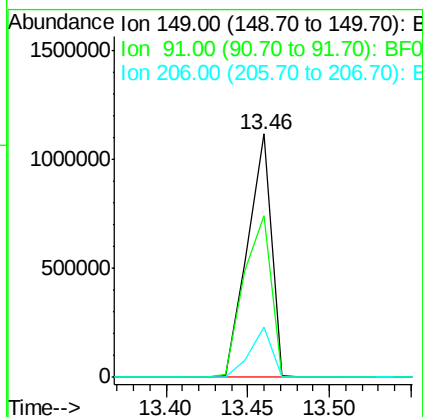
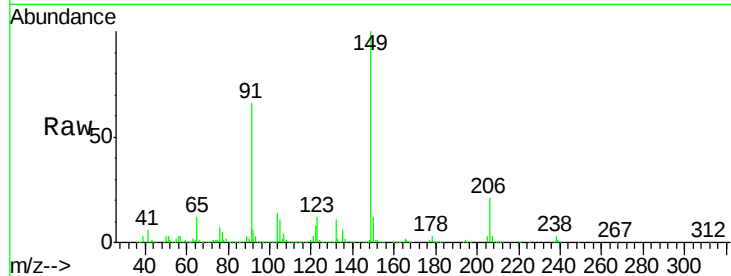




#79
Butylbenzylphthalate
Concen: 44.12 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

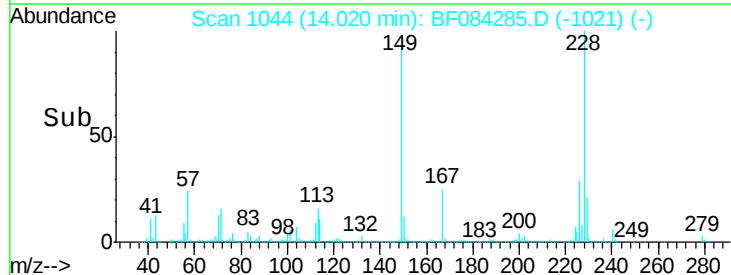
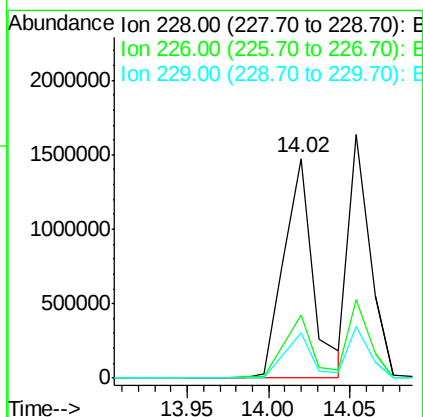
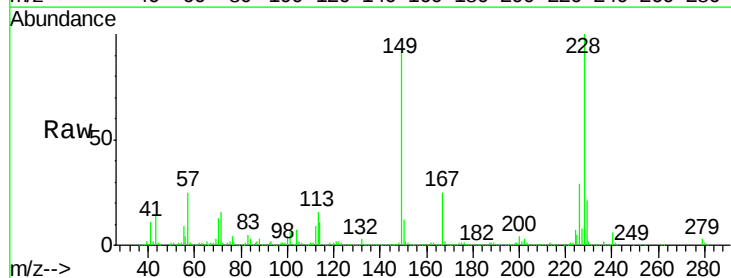
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

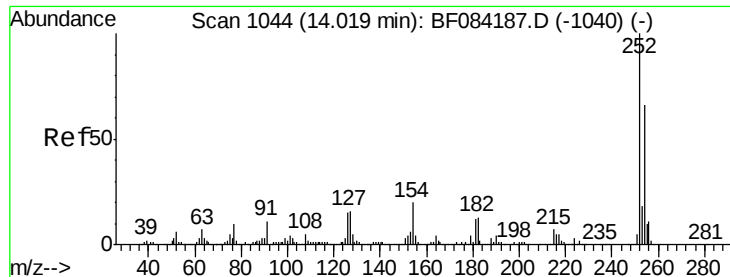
Tgt Ion:149 Resp: 1140833
Ion Ratio Lower Upper
149 100
91 66.4 57.6 86.4
206 20.6 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 41.46 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion:228 Resp: 1853767
Ion Ratio Lower Upper
228 100
226 28.5 21.8 32.6
229 20.6 15.8 23.8

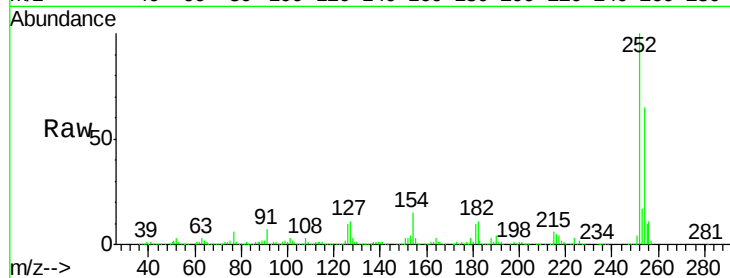




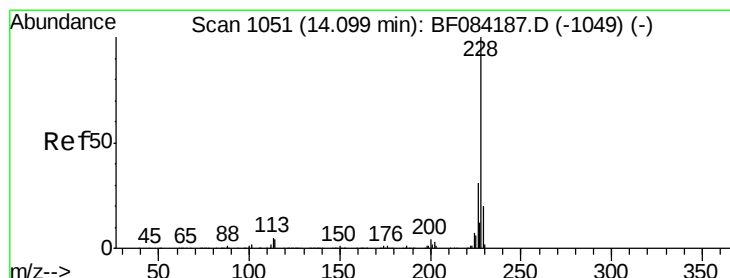
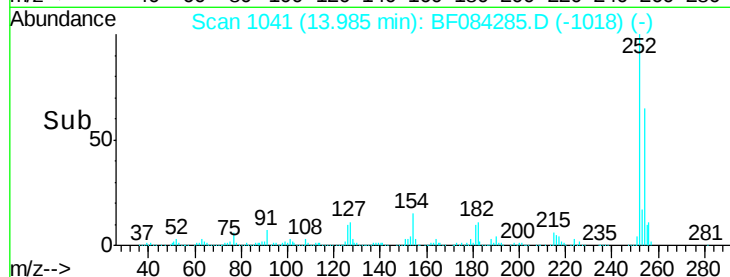
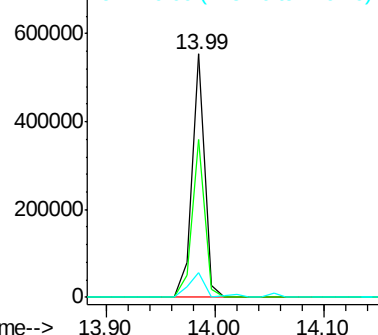
#81
 3,3'-Dichlorobenzidine
 Concen: 29.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

Tgt Ion:252 Resp: 457699
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 10.3 4.9 7.3#

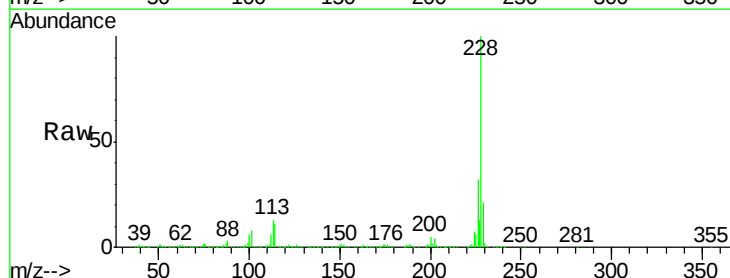


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

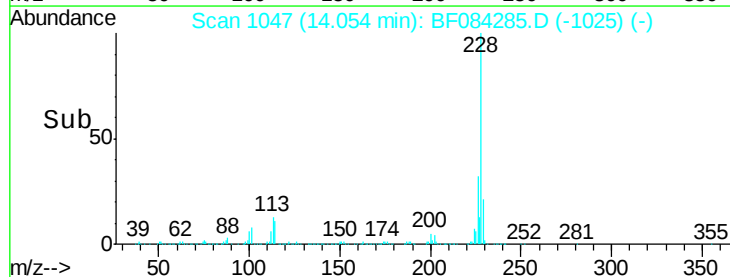
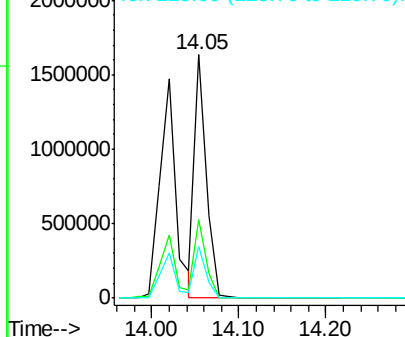


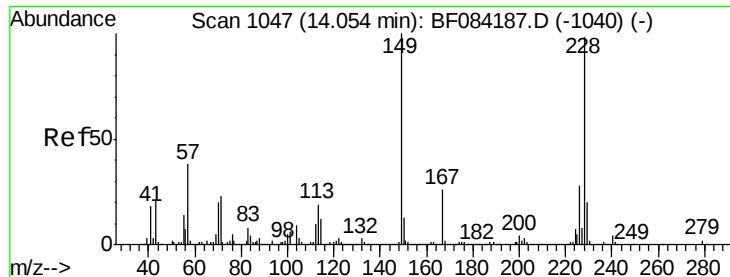
#82
 Chrysene
 Concen: 35.70 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion:228 Resp: 1534163
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.3 36.5
 229 21.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

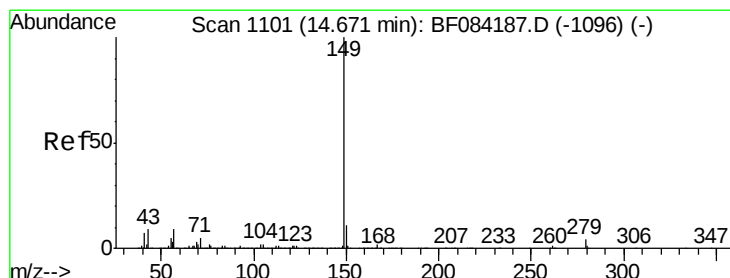
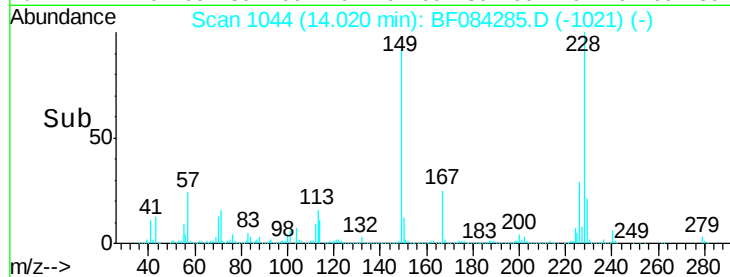
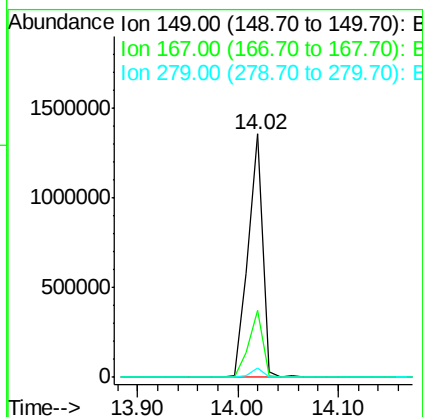
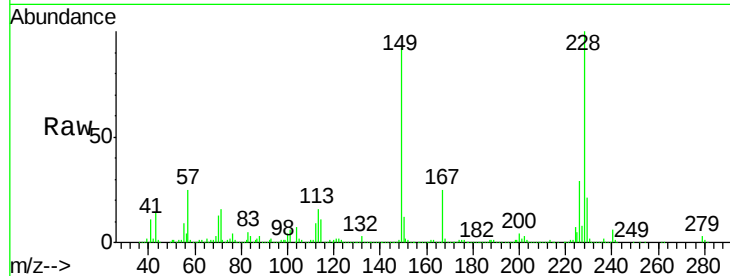




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.80 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

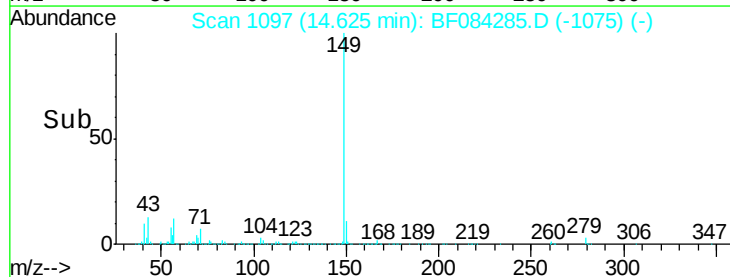
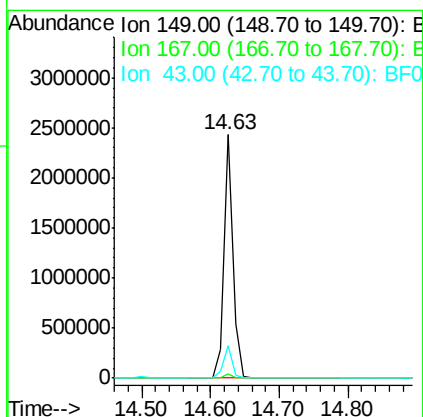
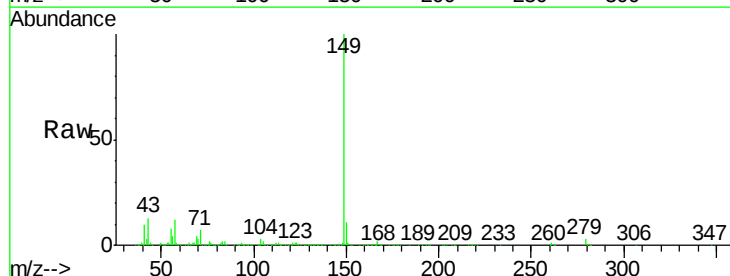
Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-4-21.0-21.5MSD

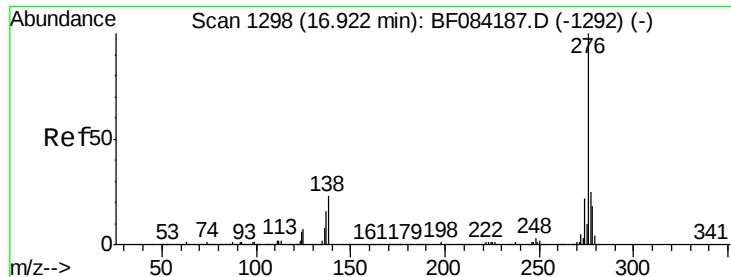
Tgt Ion:149 Resp: 1365816
 Ion Ratio Lower Upper
 149 100
 167 27.6 19.7 29.5
 279 3.7 1.8 2.6#



#84
 Di-n-octyl phthalate
 Concen: 40.93 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084285.D
 Acq: 6 Jan 2016 13:05

Tgt Ion:149 Resp: 2257869
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 13.0 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.91 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.07 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

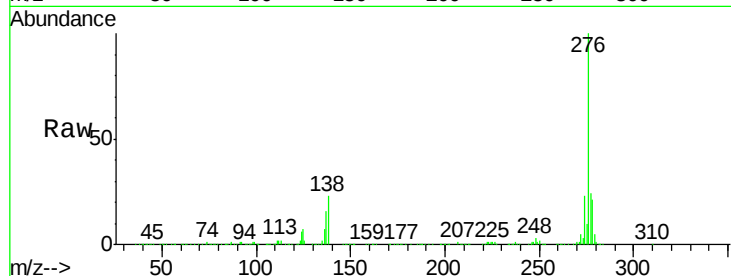
Tgt Ion:276 Resp: 1597669

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	25.2	20.1	30.1

276 100

138 25.6 20.6 30.8

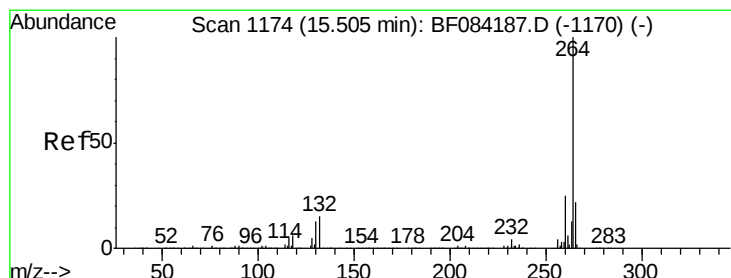
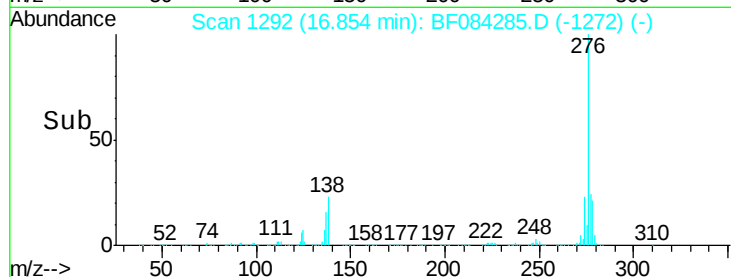
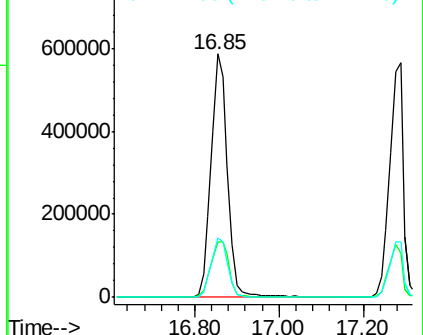
277 25.2 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

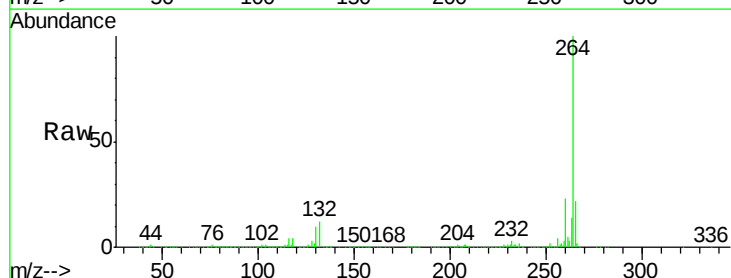
Tgt Ion:264 Resp: 607019

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.7	17.8	26.6

264 100

260 23.1 19.4 29.2

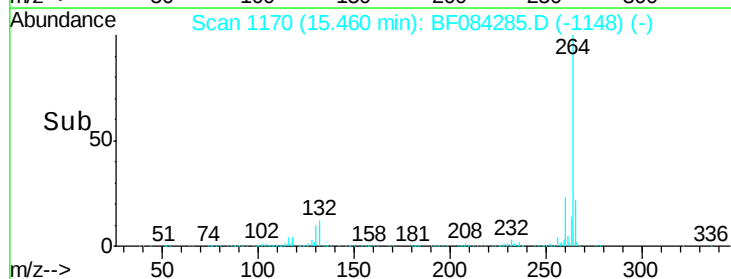
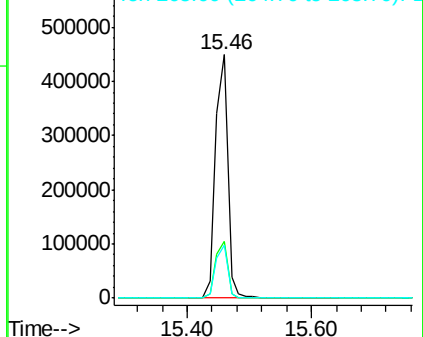
265 21.7 17.8 26.6

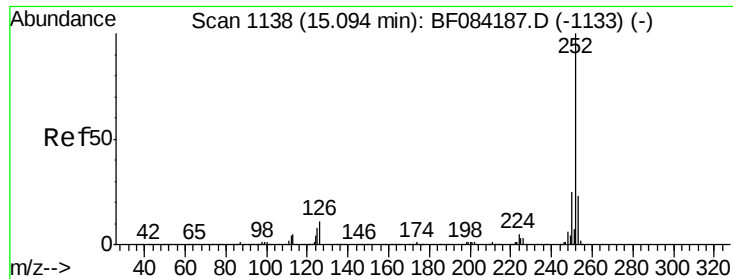


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 44.10 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.05 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

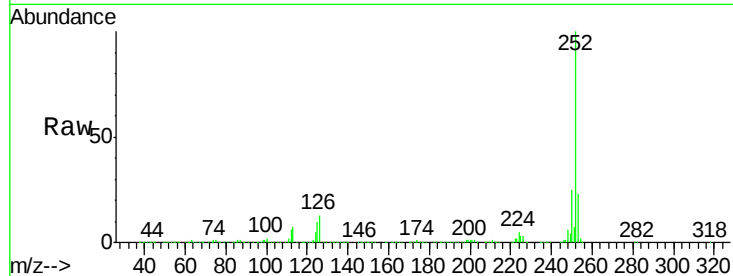
Tgt Ion:252 Resp: 1751069

Ion Ratio Lower Upper

252 100

253 22.7 17.3 25.9

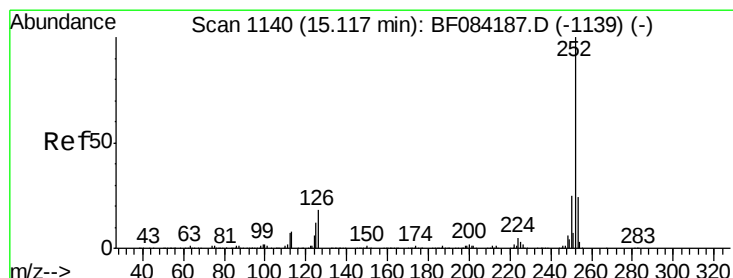
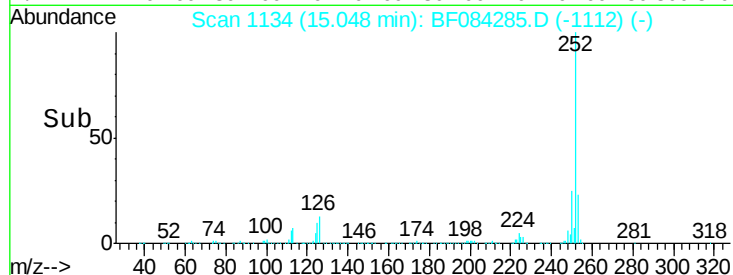
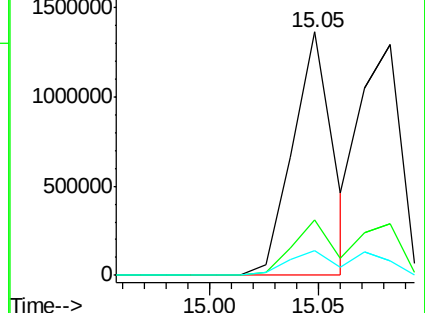
125 10.0 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.92 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.07 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

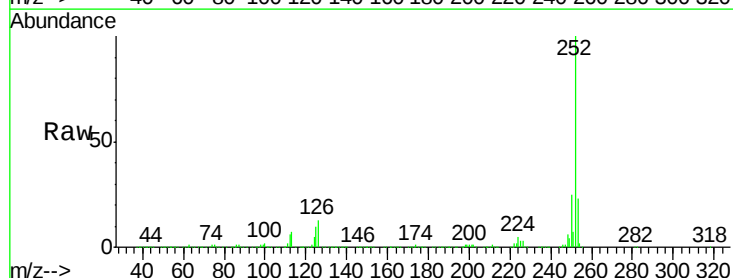
Tgt Ion:252 Resp: 1751069

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

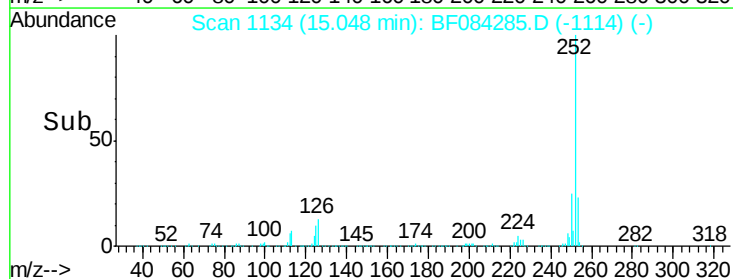
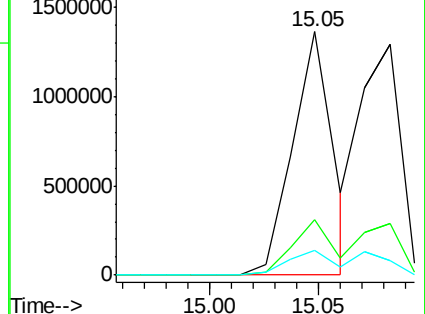
125 10.0 9.0 13.6

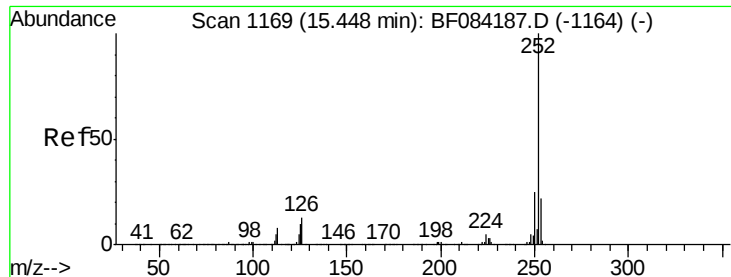


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

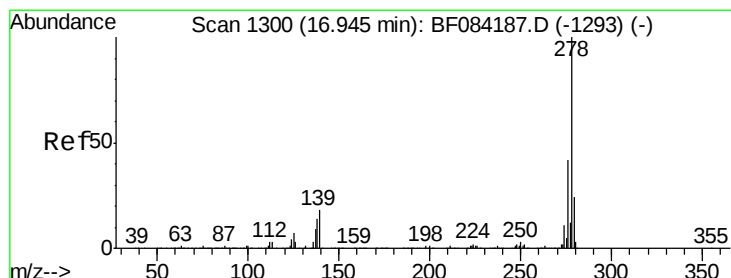
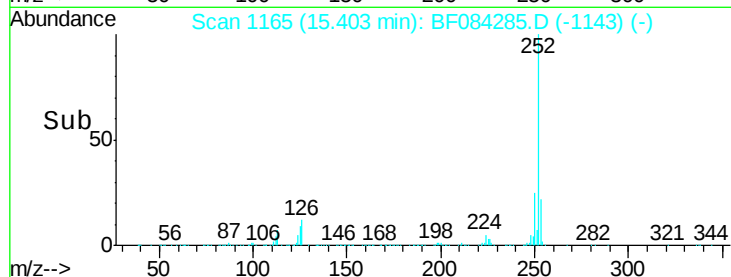
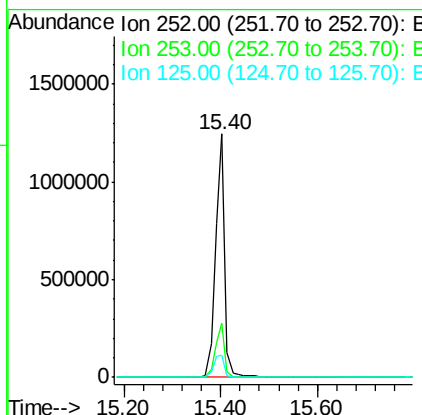
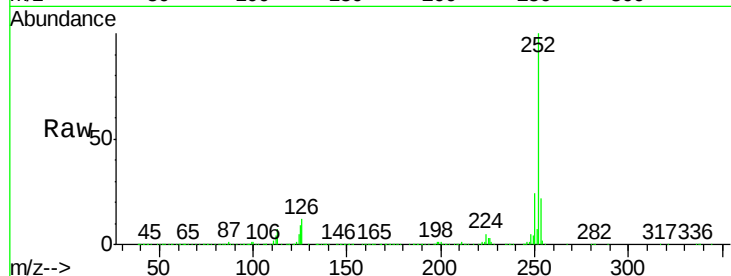




#89
Benzo(a)pyrene
Concen: 49.10 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

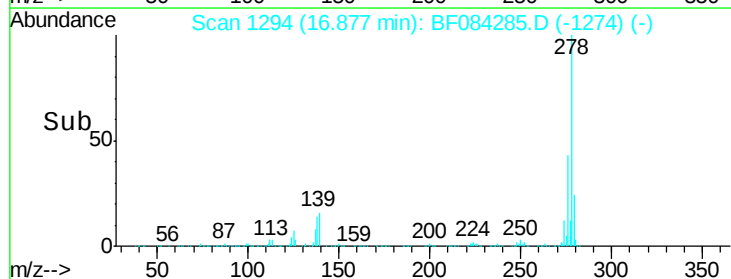
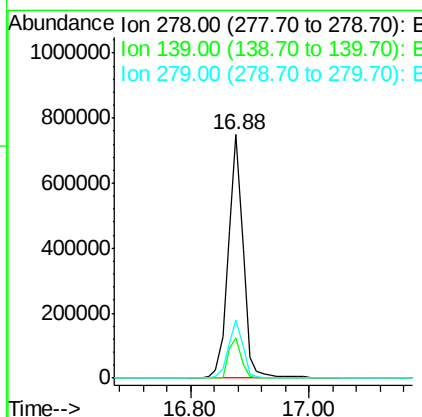
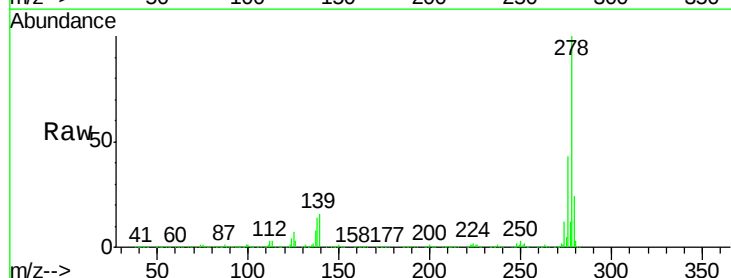
Instrument :
BNA_F
ClientSampleId :
PJ-SB-4-21.0-21.5MSD

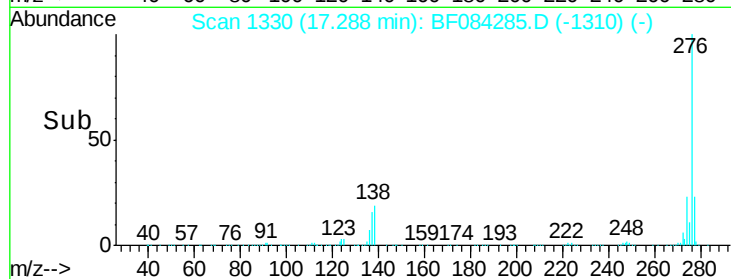
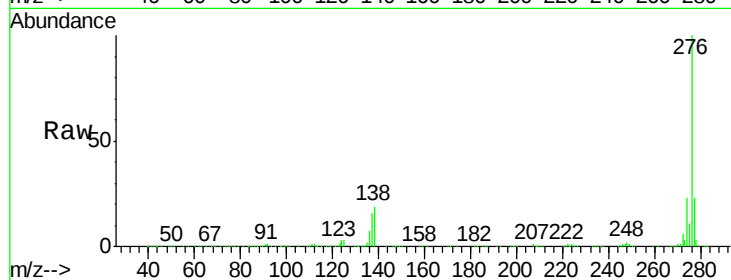
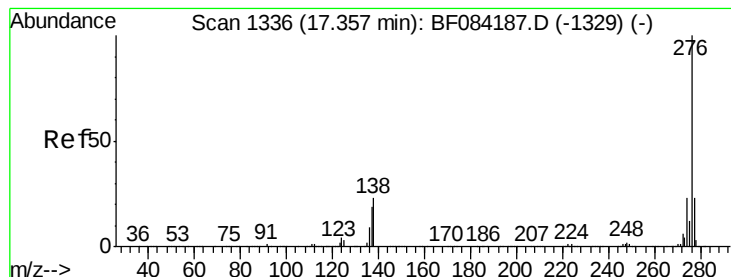
Tgt Ion: 252 Resp: 1653621
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 8.9 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 44.85 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084285.D
Acq: 6 Jan 2016 13:05

Tgt Ion: 278 Resp: 1299693
Ion Ratio Lower Upper
278 100
139 16.2 15.0 22.4
279 23.6 18.9 28.3





#91

Benzo(g,h,i)perylene

Concen: 43.49 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF084285.D

Acq: 6 Jan 2016 13:05

Instrument :

BNA_F

ClientSampleId :

PJ-SB-4-21.0-21.5MSD

Tgt Ion: 276 Resp: 1305198

Ion Ratio Lower Upper

276 100

277 23.5 18.8 28.2

138 18.6 17.8 26.6

