

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010816\
 Data File : BF084332.D
 Acq On : 8 Jan 2016 17:14
 Operator : SJ/UM
 Sample : PB87699BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Quant Time: Jan 08 22:16:09 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	6.85	152	230334	20.00	ng	-0.05
21) Naphthalene-d8	8.14	136	998420	20.00	ng	-0.05
38) Acenaphthene-d10	9.90	164	473338	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	899249	20.00	ng	-0.05
75) Chrysene-d12	14.02	240	688375	20.00	ng	-0.05
86) Perylene-d12	15.45	264	553245	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1491596	104.74	ng	-0.02
7) Phenol-d6	6.50	99	2085322	116.60	ng	-0.03
23) Nitrobenzene-d5	7.42	82	1280221	71.36	ng	-0.05
41) 2,4,6-Tribromophenol	10.69	330	544893	114.02	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2123634	78.44	ng	-0.05
78) Terphenyl-d14	12.97	244	2082033	67.51	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	218448	32.38	ng	# 74
3) Pyridine	3.25	79	641209	34.09	ng	# 71
4) n-Nitrosodimethylamine	3.21	42	354367	36.71	ng	# 77
6) Aniline	6.52	93	476888	18.23	ng	# 80
8) 2-Chlorophenol	6.65	128	660360	40.87	ng	98
9) Benzaldehyde	6.40	77	187647	16.11	ng	95
10) Phenol	6.52	94	677081	33.30	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	600291	38.11	ng	# 78
12) 1,3-Dichlorobenzene	6.88	146	671341	40.28	ng	97
13) 1,4-Dichlorobenzene	6.88	146	671341	40.17	ng	94
14) 1,2-Dichlorobenzene	7.02	146	576970	36.05	ng	96
15) Benzyl Alcohol	7.00	79	533804	35.48	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	987968	34.44	ng	84
17) 2-Methylphenol	7.13	107	533690	39.41	ng	95
18) Hexachloroethane	7.37	117	249385	37.31	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	438183	36.19	ng	# 72
20) 3+4-Methylphenols	7.28	107	612186	38.46	ng	# 73
22) Acetophenone	7.26	105	870131	36.24	ng	93
24) Nitrobenzene	7.45	77	709065	38.97	ng	89
25) Isophorone	7.69	82	1266572	36.92	ng	96
26) 2-Nitrophenol	7.76	139	315622	38.11	ng	# 78
27) 2,4-Dimethylphenol	7.80	122	580454	34.63	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	723150	34.51	ng	99
29) 2,4-Dichlorophenol	8.01	162	557112	39.90	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	561657	38.97	ng	# 96
31) Naphthalene	8.17	128	1797383	39.68	ng	100
32) Benzoic acid	7.92	122	264547	27.59	ng	92
33) 4-Chloroaniline	8.21	127	208506	10.04	ng	97
34) Hexachlorobutadiene	8.28	225	301470	36.38	ng	97
35) Caprolactam	8.59	113	127776	27.15	ng	# 63
36) 4-Chloro-3-methylphenol	8.70	107	605629	38.72	ng	92
37) 2-Methylnaphthalene	8.85	142	1169307	35.96	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	525979	38.65	ng	98
40) Hexachlorocyclopentadiene	9.01	237	583637	71.05	ng	99

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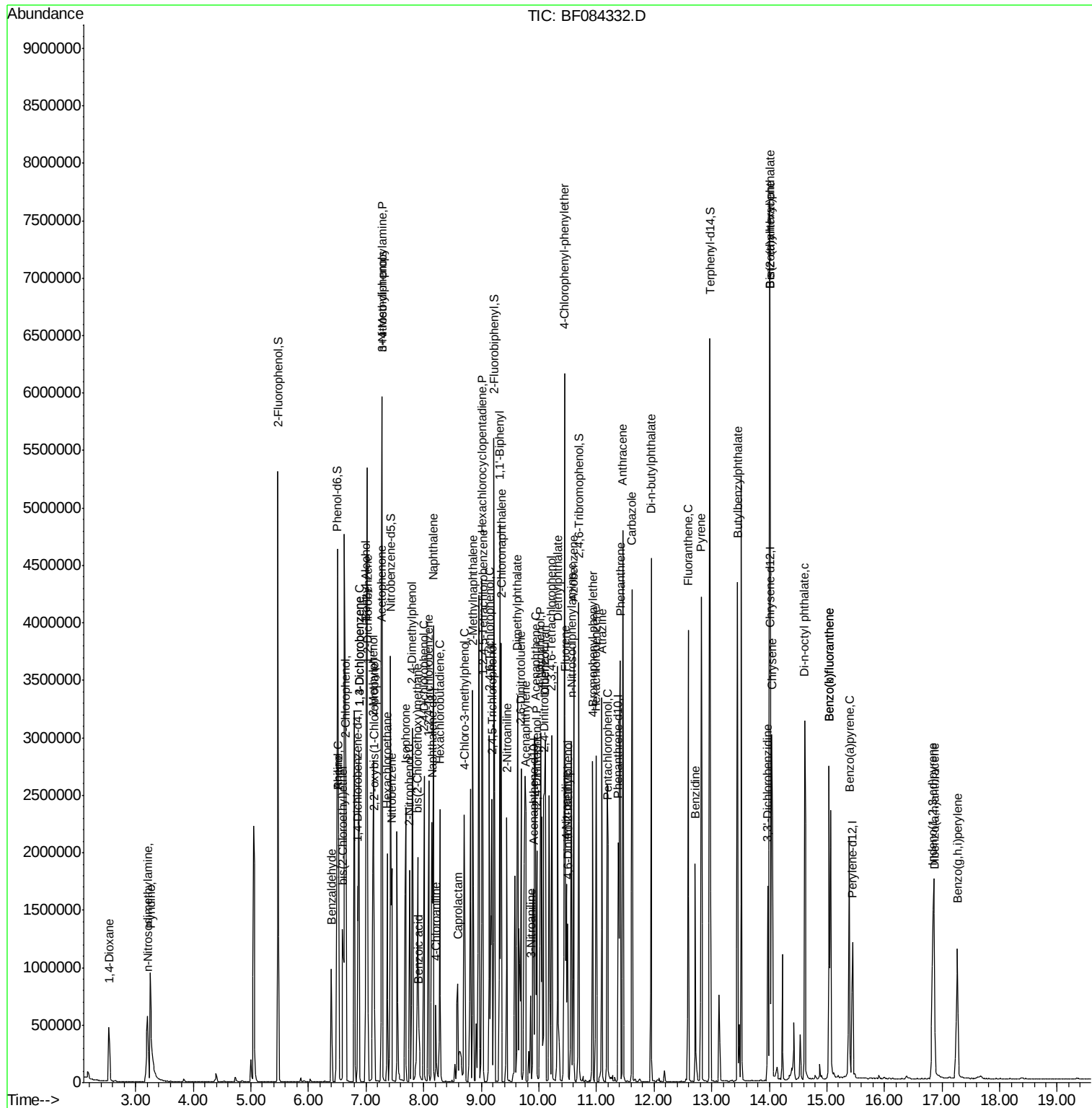
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42) 2,4,6-Trichlorophenol	9.14	196	387420	38.05	ng	96
43) 2,4,5-Trichlorophenol	9.18	196	384307	39.38	ng #	91
45) 1,1'-Biphenyl	9.32	154	1401967	37.27	ng	99
46) 2-Chloronaphthalene	9.34	162	1043968	35.33	ng	96
47) 2-Nitroaniline	9.45	65	435271	44.63	ng #	82
48) Acenaphthylene	9.77	152	1710440	39.18	ng	98
49) Dimethylphthalate	9.63	163	1416960	41.87	ng #	90
50) 2,6-Dinitrotoluene	9.69	165	299920	40.41	ng #	62
51) Acenaphthene	9.94	154	1266808	43.26	ng	97
52) 3-Nitroaniline	9.86	138	178358	19.39	ng #	67
53) 2,4-Dinitrophenol	9.96	184	253176	80.08	ng #	89
54) Dibenzofuran	10.11	168	1589365	41.69	ng	99
55) 4-Nitrophenol	10.03	139	452019	67.71	ng #	80
56) 2,4-Dinitrotoluene	10.09	165	369522	39.34	ng #	83
57) Fluorene	10.45	166	1214198	41.20	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	320132	38.42	ng	95
59) Diethylphthalate	10.33	149	1298105	38.91	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	555583	44.88	ng	96
61) 4-Nitroaniline	10.48	138	345360	42.13	ng	92
62) Azobenzene	10.60	77	1483761	40.55	ng	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	211532	38.51	ng	93
65) n-Nitrosodiphenylamine	10.57	169	1117809	38.88	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	392967	40.60	ng #	92
67) Hexachlorobenzene	10.99	284	377494	34.65	ng #	78
68) Atrazine	11.09	200	387394	41.17	ng	97
69) Pentachlorophenol	11.20	266	407476	72.14	ng	99
70) Phenanthrene	11.41	178	1958766	41.64	ng	98
71) Anthracene	11.46	178	1742378	37.79	ng	98
72) Carbazole	11.62	167	1757968	39.00	ng	98
73) Di-n-butylphthalate	11.95	149	2000455	40.73	ng #	96
74) Fluoranthene	12.59	202	1841665	37.48	ng	98
76) Benzidine	12.72	184	668236	27.07	ng	99
77) Pyrene	12.82	202	1864194	34.51	ng	98
79) Butylbenzylphthalate	13.45	149	935683	40.03	ng	96
80) Benzo(a)anthracene	14.01	228	1476713	36.53	ng	98
81) 3,3'-Dichlorobenzidine	13.97	252	311664	22.09	ng #	94
82) Chrysene	14.04	228	1461283	37.62	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	1111652	37.64	ng #	98
84) Di-n-octyl phthalate	14.61	149	1887264	37.85	ng #	88
85) Indeno(1,2,3-cd)pyrene	16.84	276	1149168	37.32	ng	100
87) Benzo(b)fluoranthene	15.04	252	1268093	35.04	ng #	96
88) Benzo(k)fluoranthene	15.04	252	1268093	42.84	ng	99
89) Benzo(a)pyrene	15.39	252	1212514	39.50	ng	99
90) Dibenzo(a,h)anthracene	16.87	278	954437	36.13	ng #	95
91) Benzo(g,h,i)perylene	17.27	276	971454	35.51	ng	99

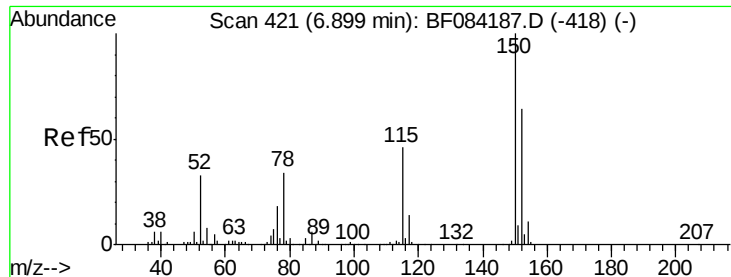
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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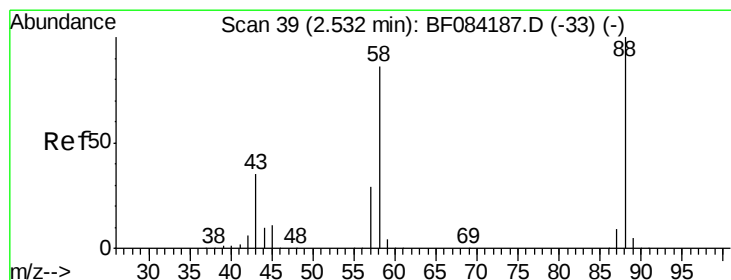
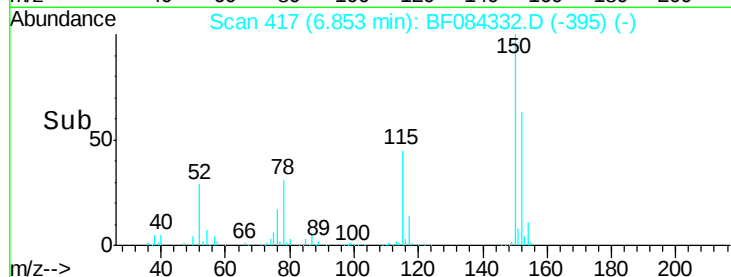
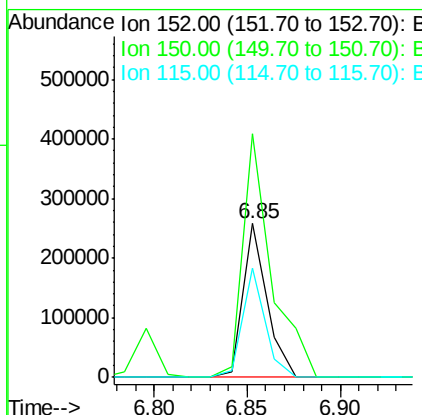
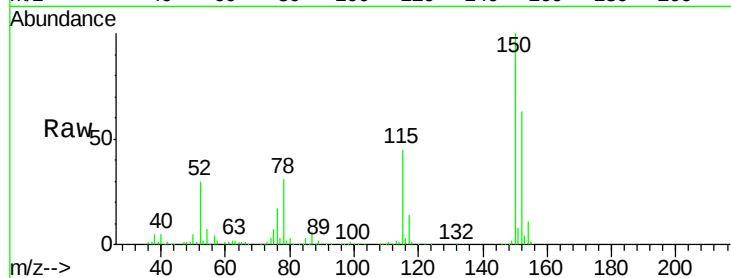


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

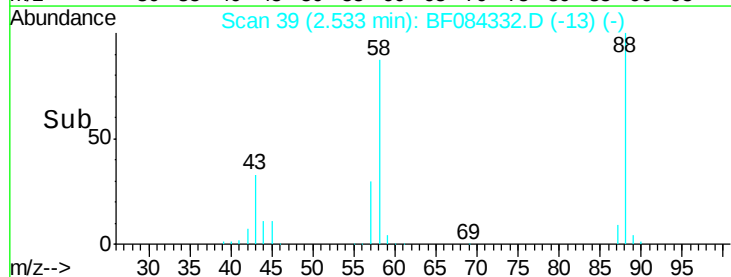
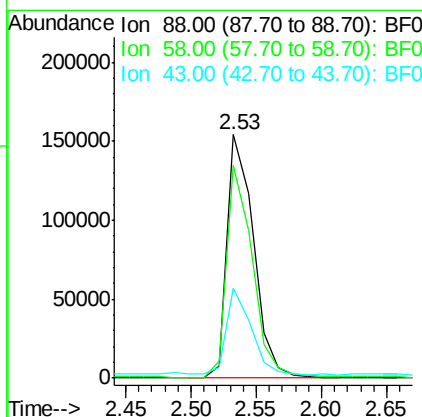
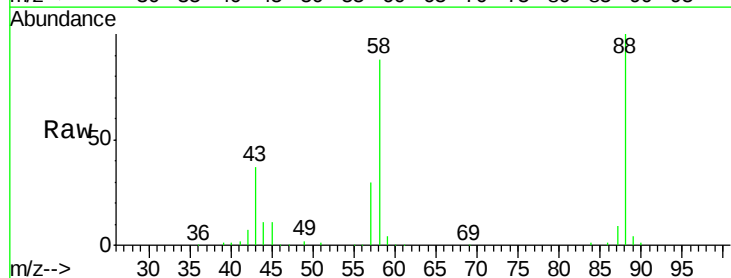
Tgt Ion:152 Resp: 230334
Ion Ratio Lower Upper
152 100
150 158.3 123.0 184.4
115 71.3 51.4 77.2

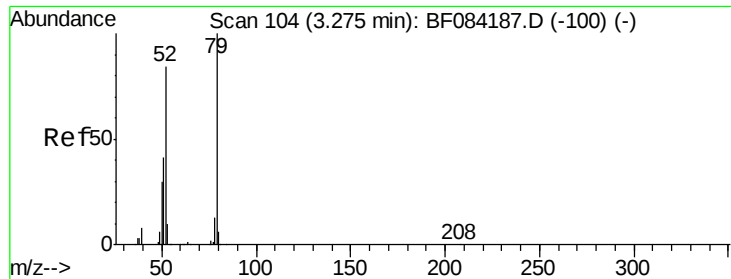


#2

1,4-Dioxane
Concen: 32.38 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.00 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 88 Resp: 218448
Ion Ratio Lower Upper
88 100
58 85.7 51.2 76.8#
43 34.4 19.5 29.3#





#3

Pyridine

Concen: 34.09 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

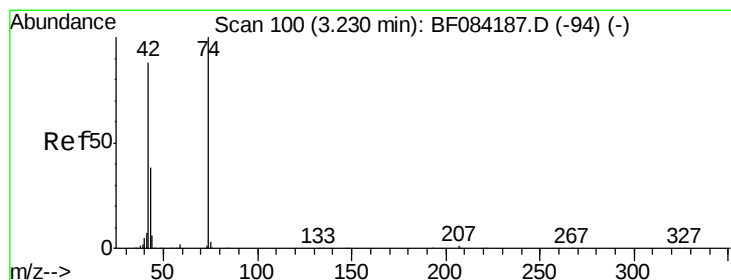
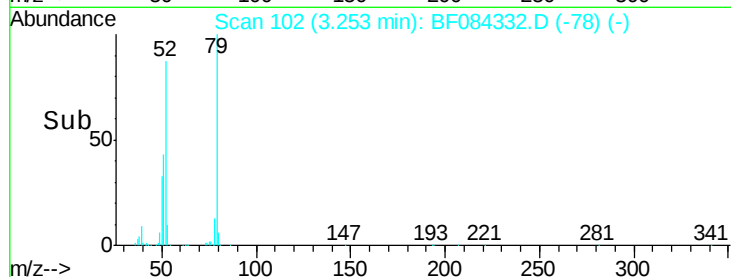
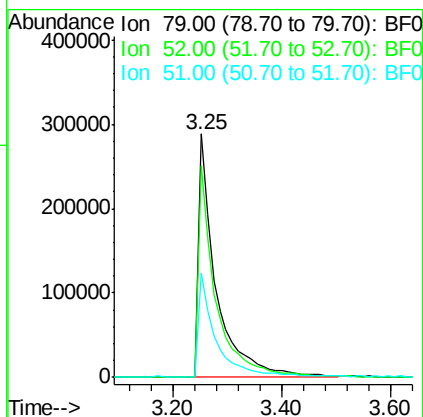
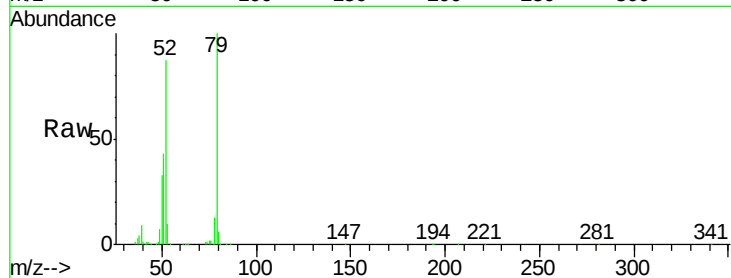
Tgt Ion: 79 Resp: 641209

Ion Ratio Lower Upper

79 100

52 87.0 49.0 73.4#

51 42.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 36.71 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

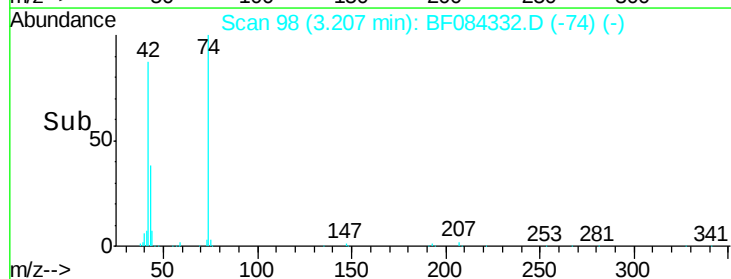
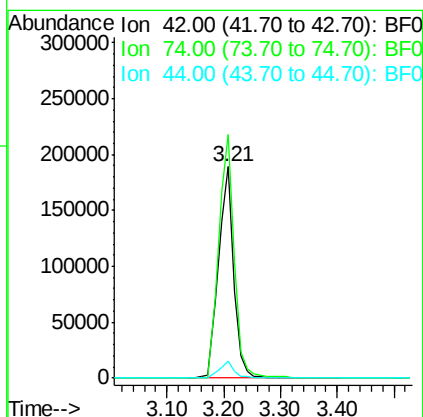
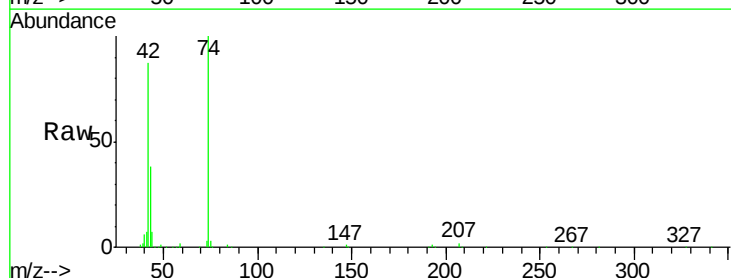
Tgt Ion: 42 Resp: 354367

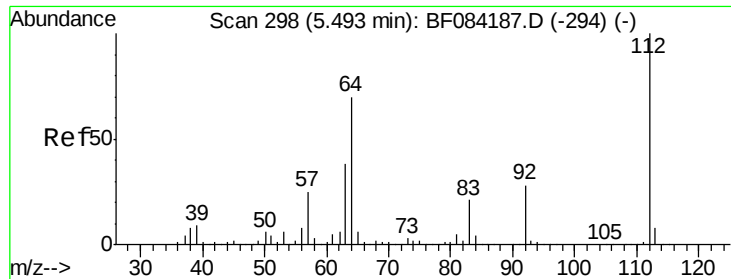
Ion Ratio Lower Upper

42 100

74 115.1 115.7 173.5#

44 7.9 5.1 7.7#





#5

2-Fluorophenol

Concen: 104.74 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.02 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

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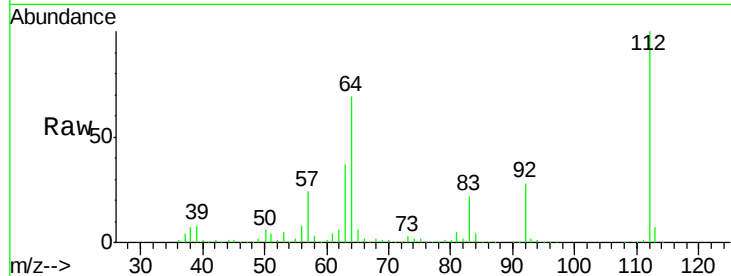
Tgt Ion: 112 Resp: 1491596

Ion Ratio Lower Upper

112 100

64 69.1 36.6 55.0#

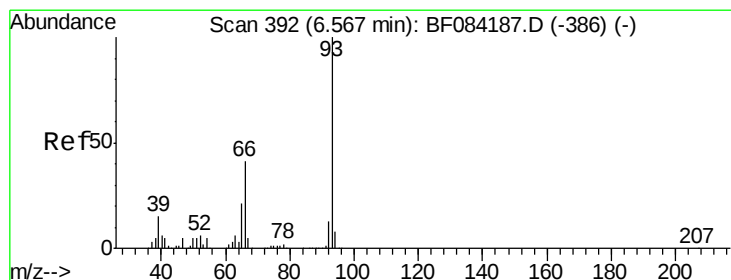
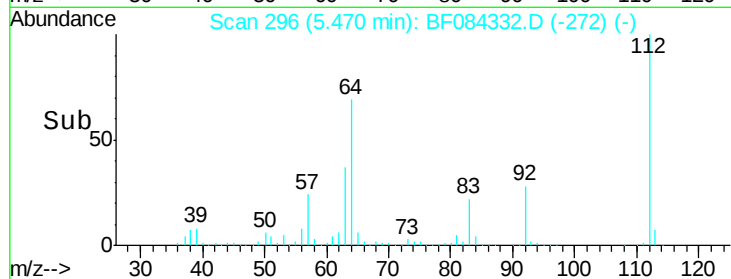
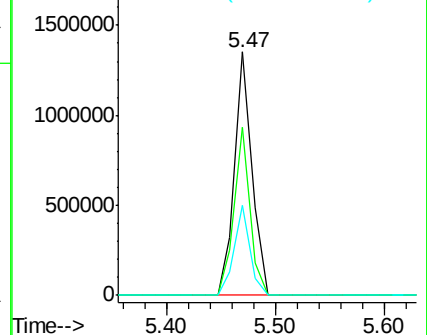
63 36.9 19.4 29.0#



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: 18.23 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

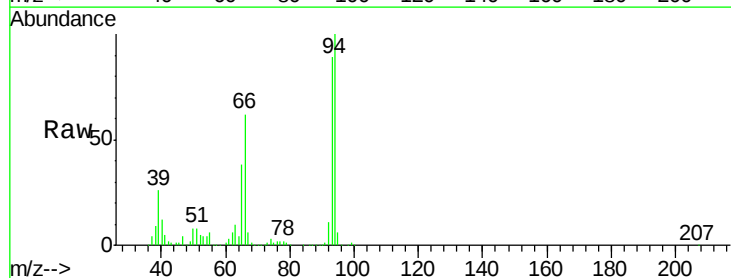
Tgt Ion: 93 Resp: 476888

Ion Ratio Lower Upper

93 100

66 69.0 44.9 67.3#

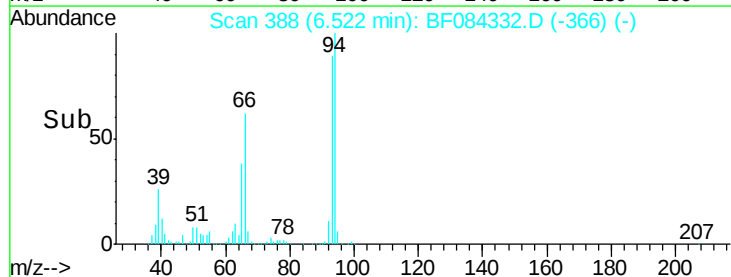
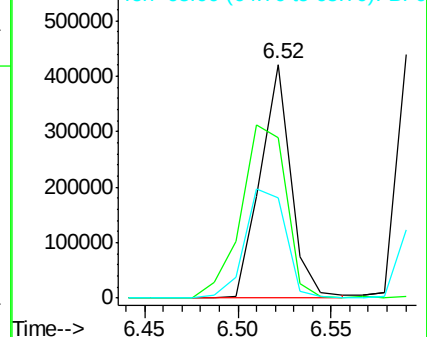
65 42.8 23.7 35.5#

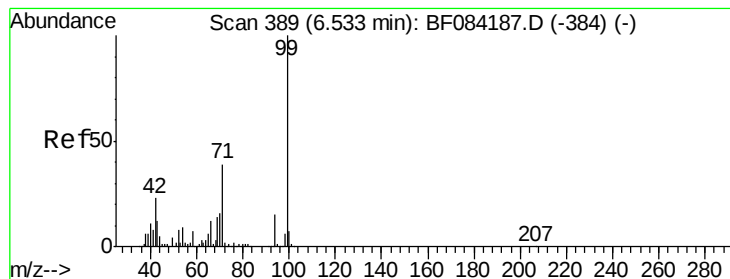


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.60 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF084332.D

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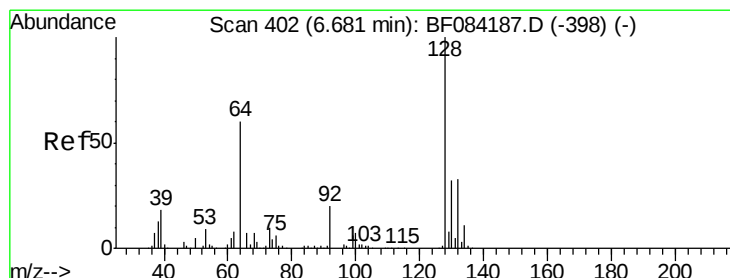
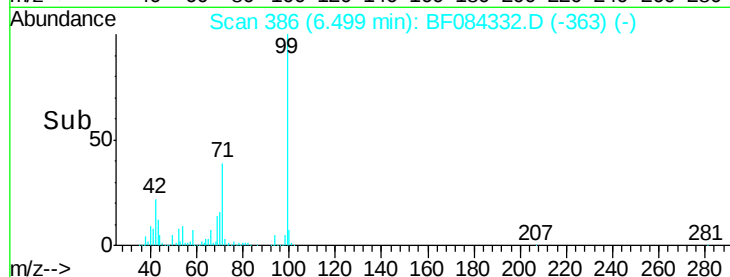
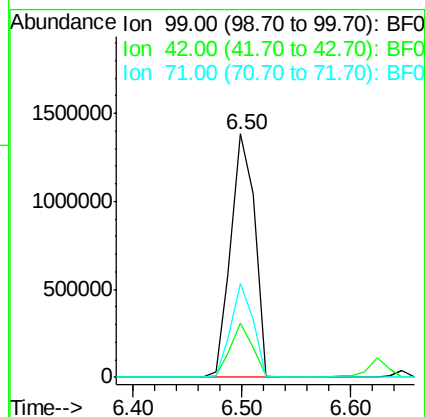
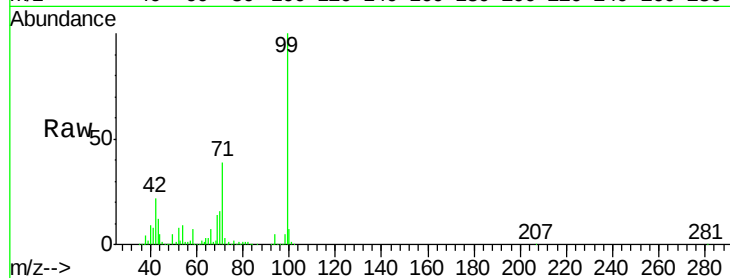
Tgt Ion: 99 Resp: 2085322

Ion Ratio Lower Upper

99 100

42 22.1 12.8 19.2#

71 38.7 30.9 46.3



#8

2-Chlorophenol

Concen: 40.87 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

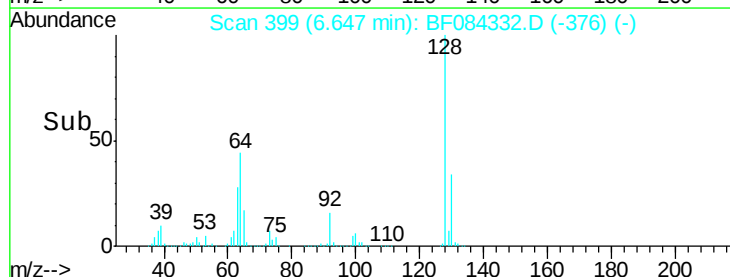
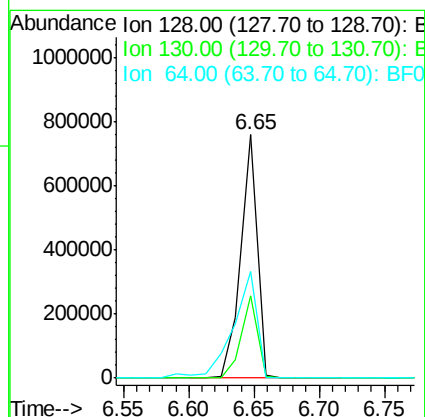
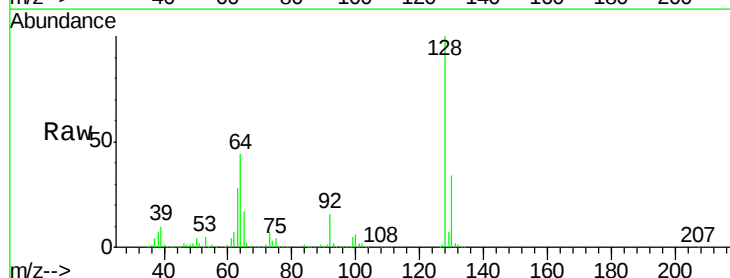
Tgt Ion: 128 Resp: 660360

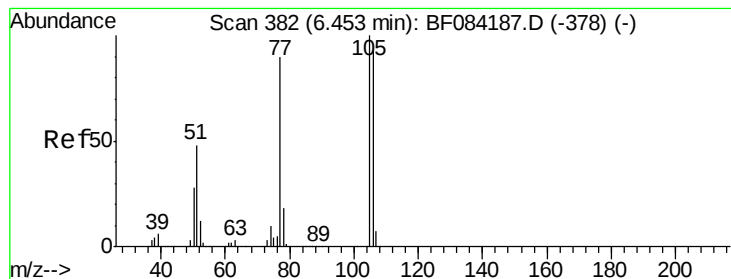
Ion Ratio Lower Upper

128 100

130 33.6 11.6 51.6

64 43.7 23.8 63.8





#9

Benzaldehyde

Concen: 16.11 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.06 min

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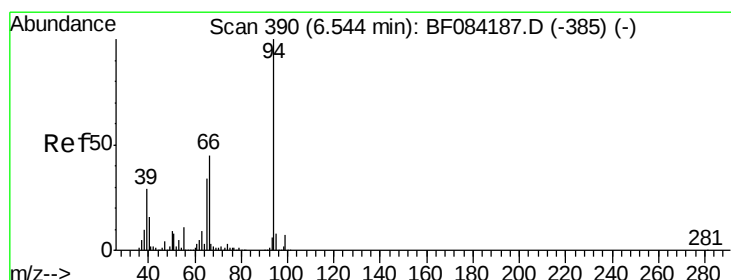
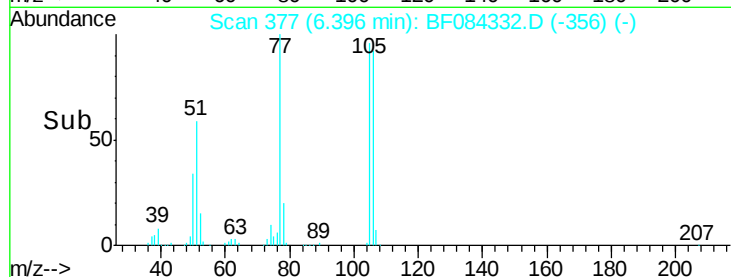
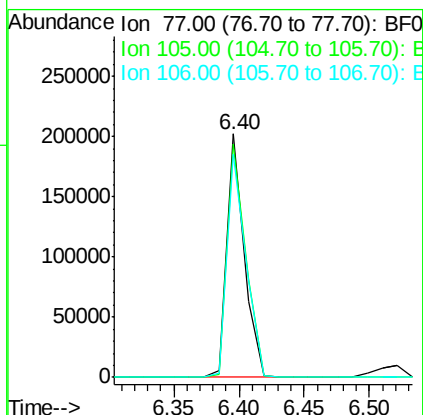
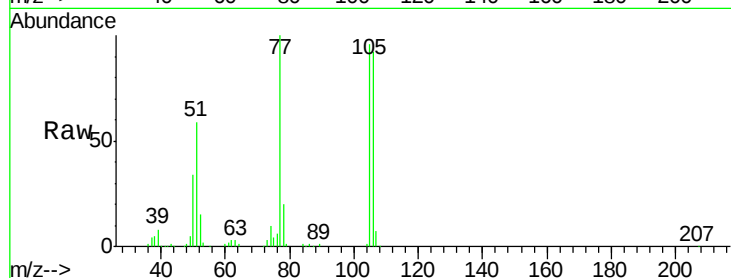
Tgt Ion: 77 Resp: 187647

Ion Ratio Lower Upper

77 100

105 95.6 83.0 123.0

106 91.8 74.6 114.6



#10

Phenol

Concen: 33.30 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF084332.D

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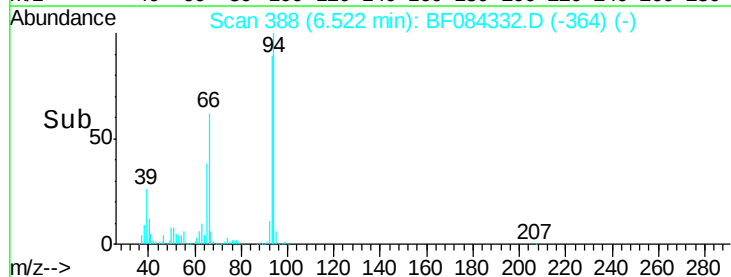
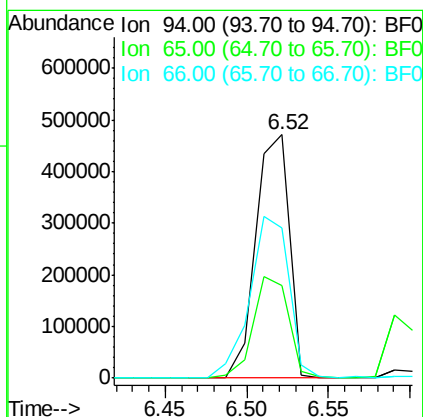
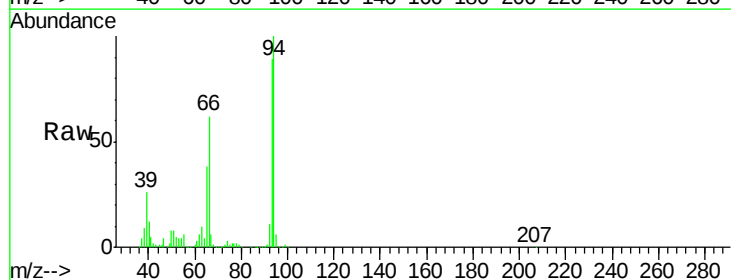
Tgt Ion: 94 Resp: 677081

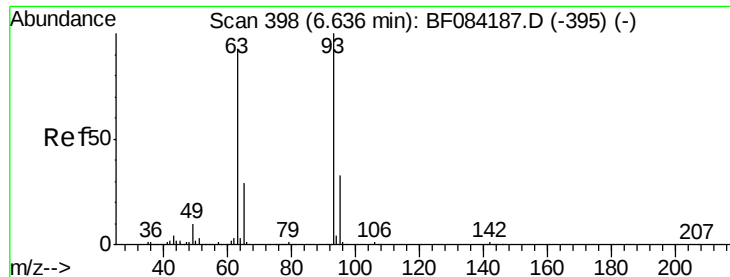
Ion Ratio Lower Upper

94 100

65 38.2 12.9 52.9

66 61.6 32.7 72.7

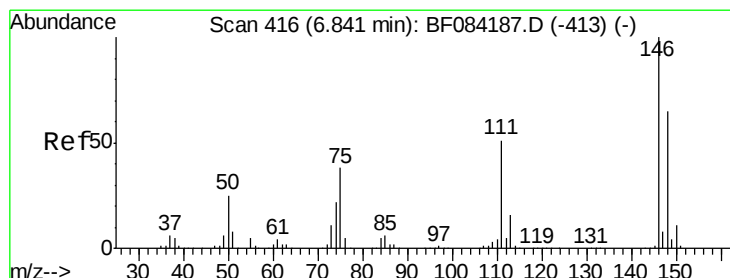
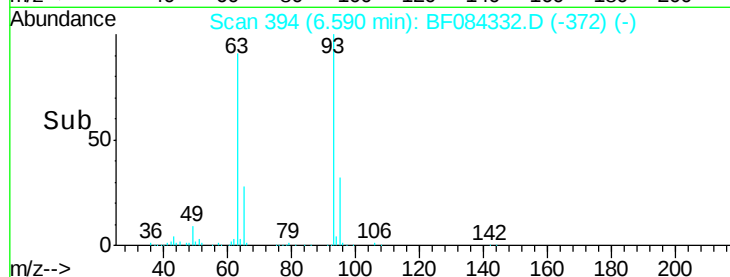
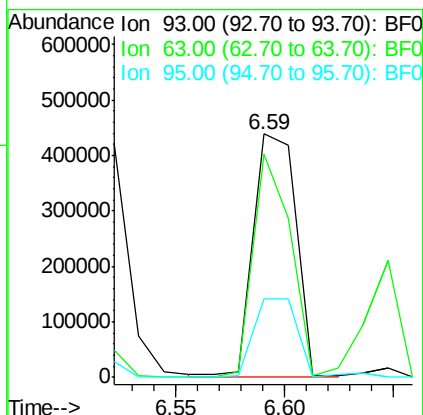
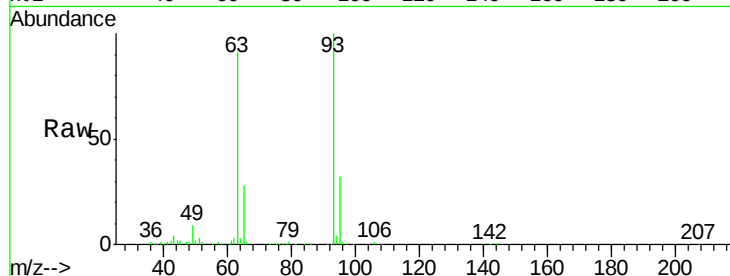




#11
bis(2-Chloroethyl)ether
Concen: 38.11 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

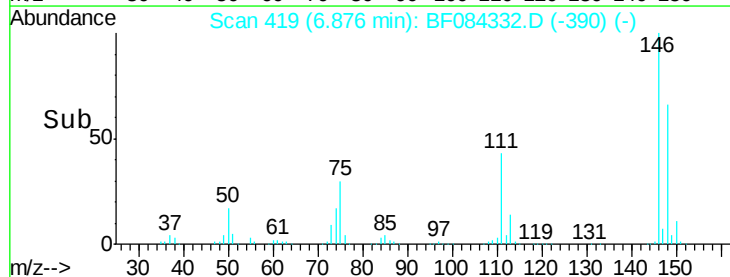
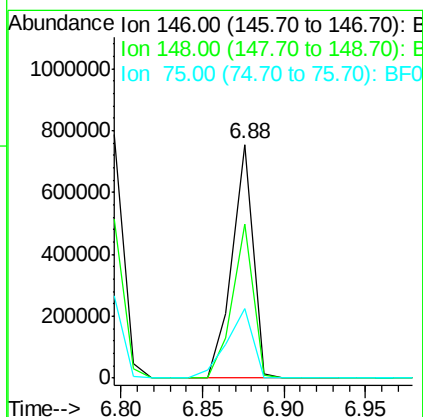
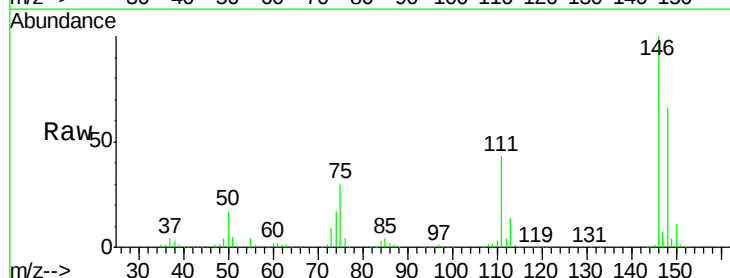
Instrument :
BNA_F
ClientSampleId :
PB87699BS

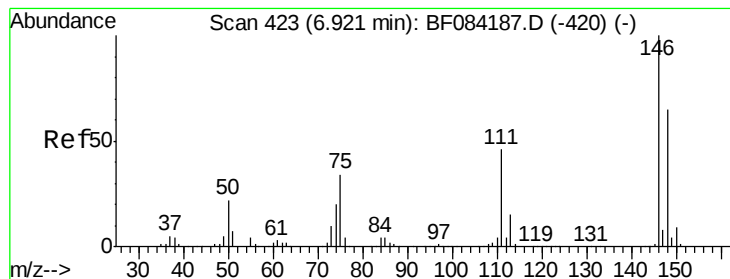
Tgt Ion: 93 Resp: 600291
Ion Ratio Lower Upper
93 100
63 91.5 45.9 85.9#
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 40.28 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 146 Resp: 671341
Ion Ratio Lower Upper
146 100
148 66.0 51.9 77.9
75 29.6 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 40.17 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

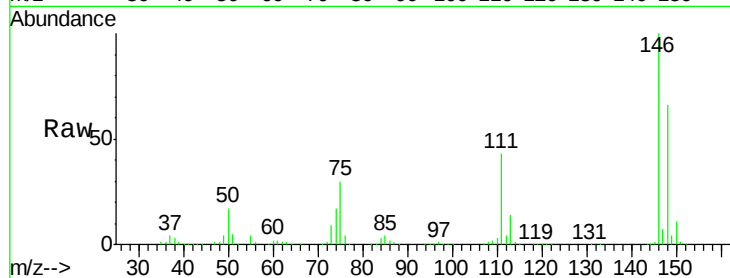
Tgt Ion:146 Resp: 671341

Ion Ratio Lower Upper

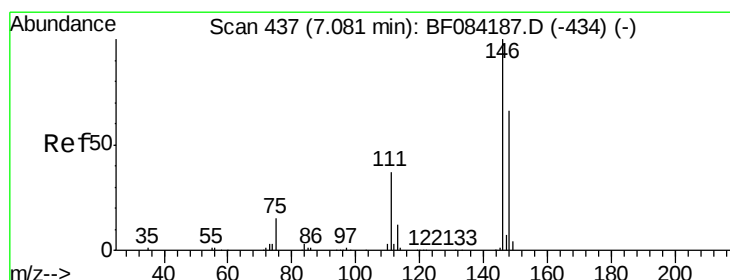
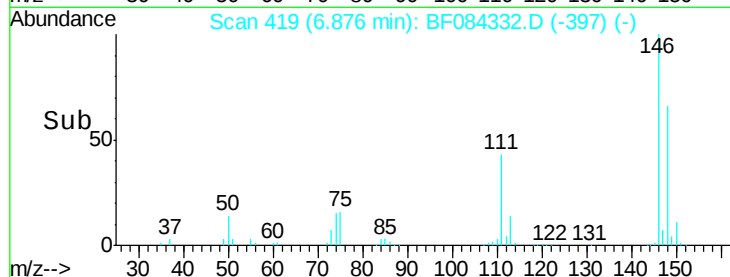
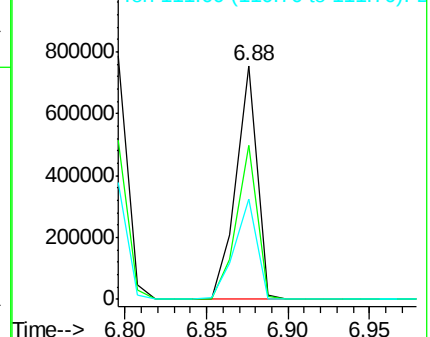
146 100

148 66.0 51.9 77.9

111 43.1 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: 36.05 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

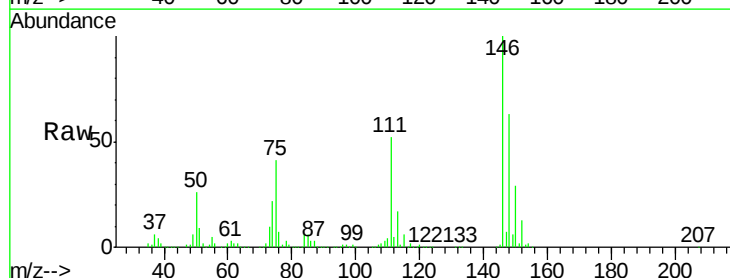
Tgt Ion:146 Resp: 576970

Ion Ratio Lower Upper

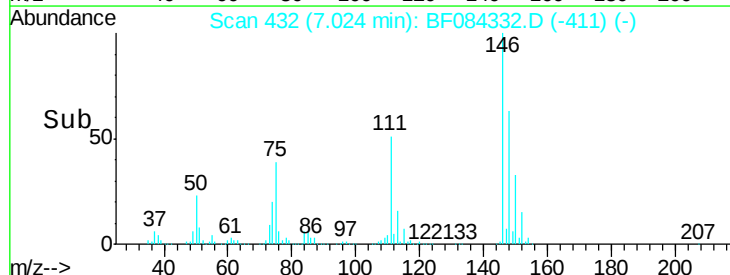
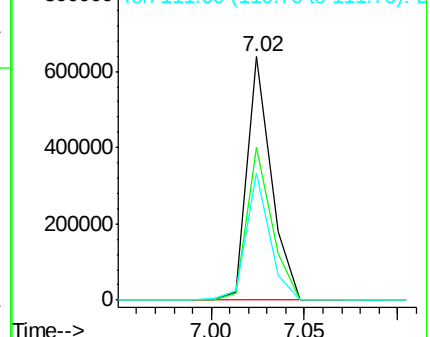
146 100

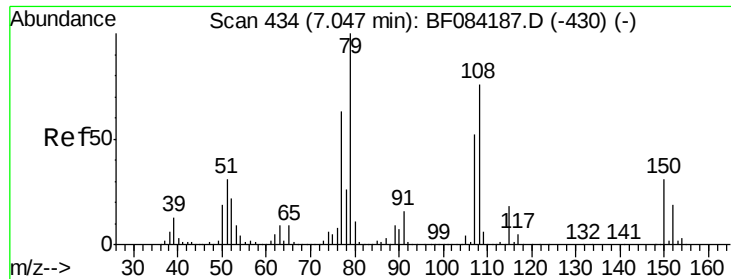
148 63.0 51.6 77.4

111 52.4 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: 35.48 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

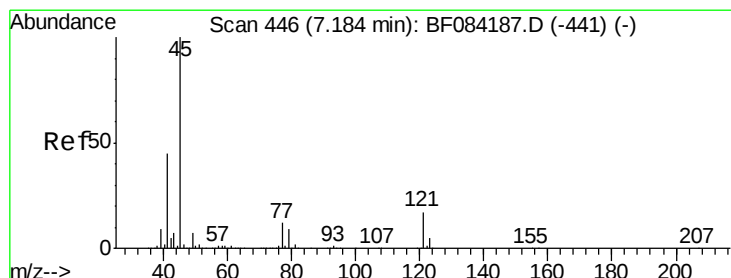
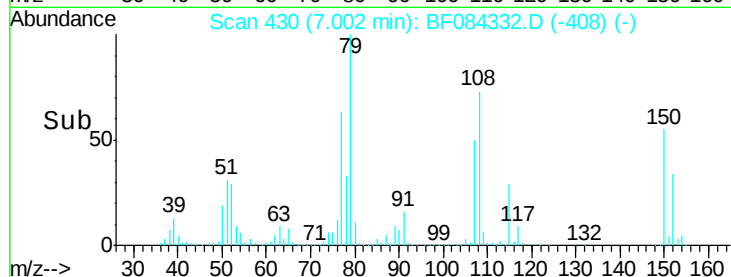
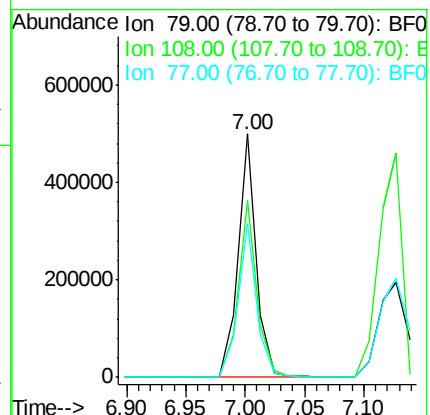
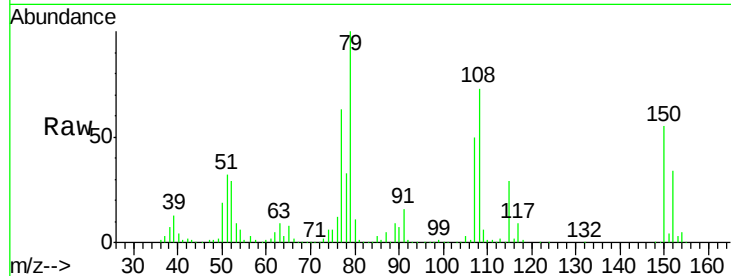
Tgt Ion: 79 Resp: 533804

Ion Ratio Lower Upper

79 100

108 72.7 69.0 103.4

77 63.0 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.44 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

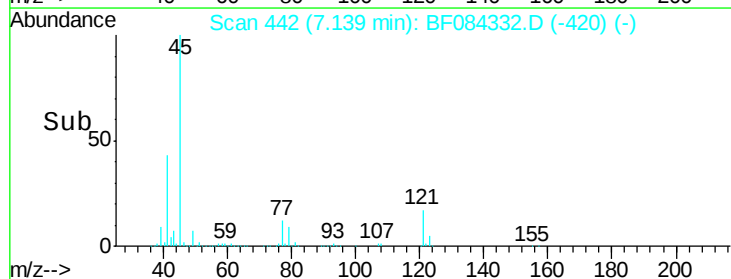
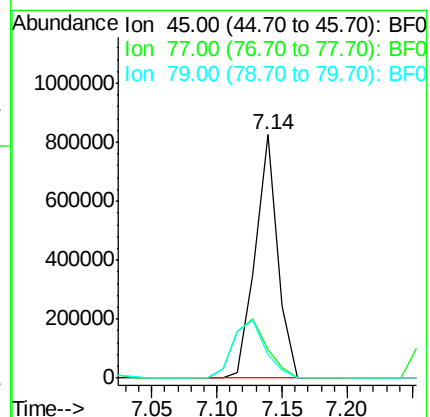
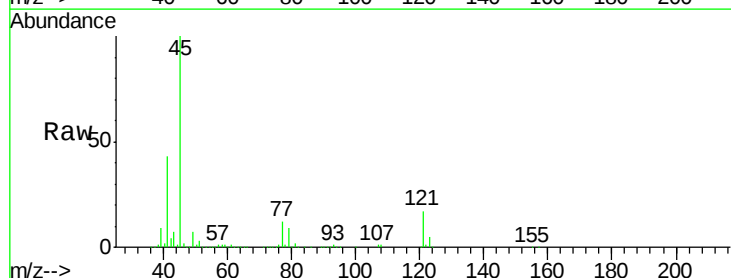
Tgt Ion: 45 Resp: 987968

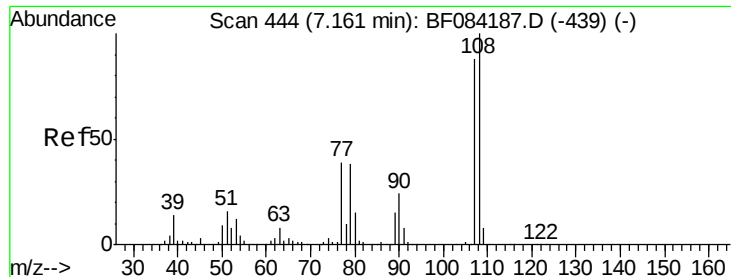
Ion Ratio Lower Upper

45 100

77 11.6 0.0 39.6

79 9.5 0.0 35.0

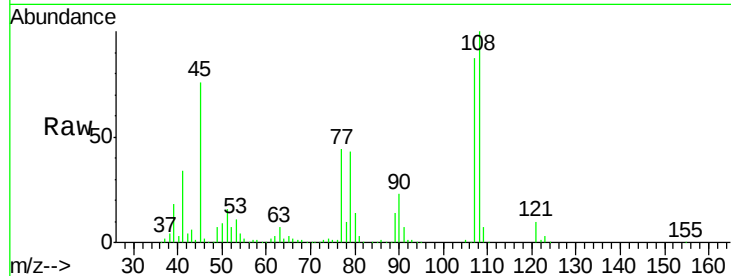




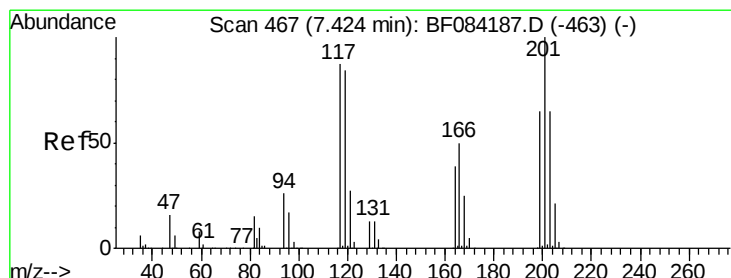
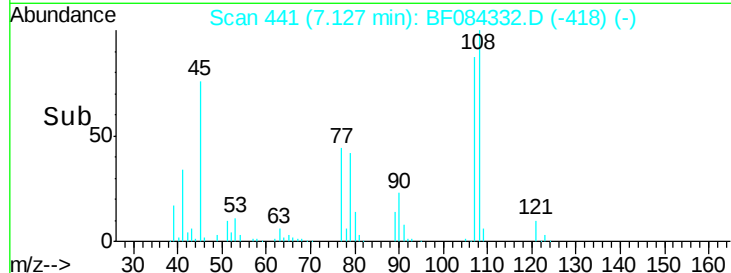
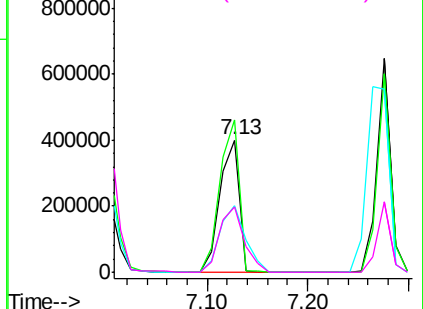
#17
2-Methylphenol
Concen: 39.41 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion:107 Resp: 533690
Ion Ratio Lower Upper
107 100
108 114.7 89.8 134.6
77 50.7 35.7 53.5
79 48.9 35.7 53.5

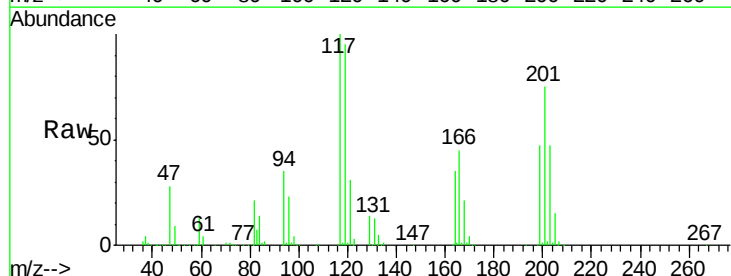


Abundance Ion 107.00 (106.70 to 107.70): E
1000000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

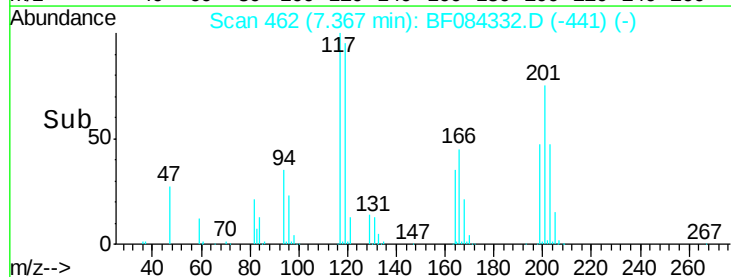
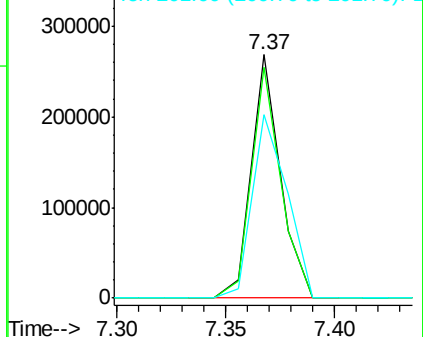


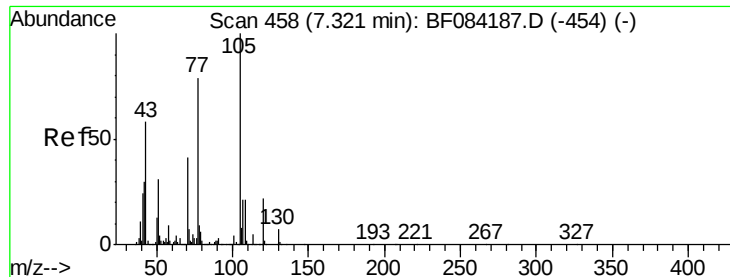
#18
Hexachloroethane
Concen: 37.31 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:117 Resp: 249385
Ion Ratio Lower Upper
117 100
119 94.6 77.4 116.0
201 75.4 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

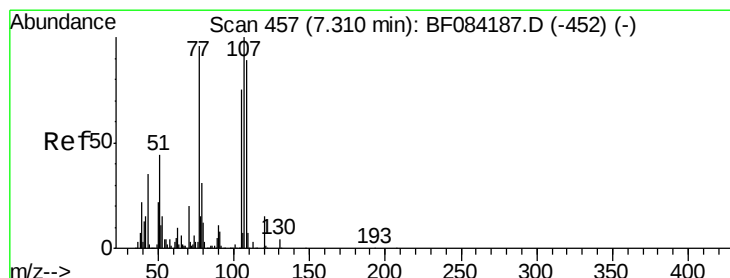
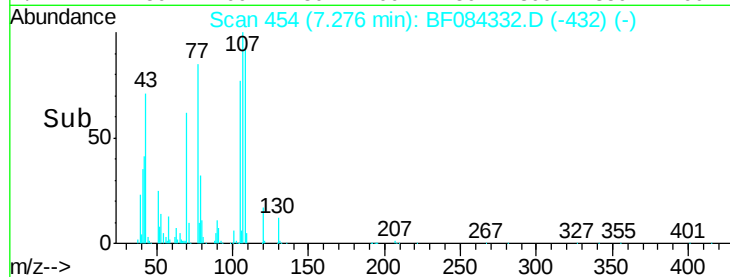
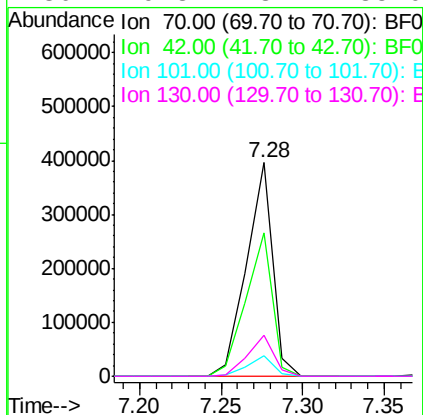
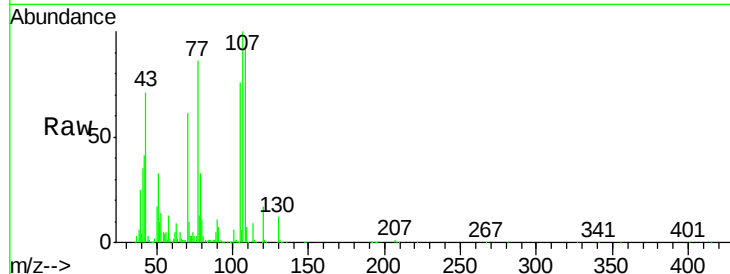




#19
n-Nitroso-di-n-propylamine
Concen: 36.19 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

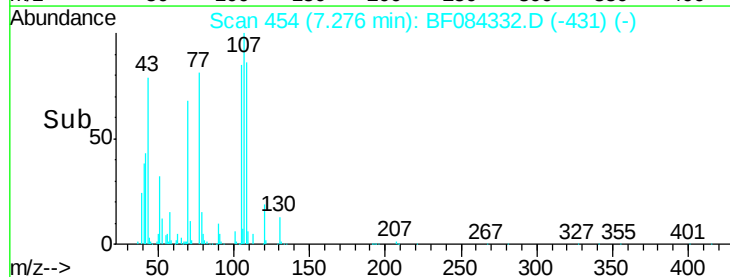
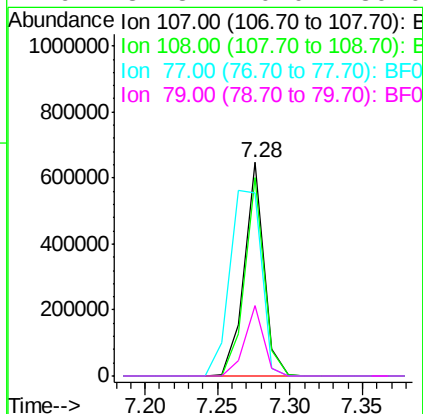
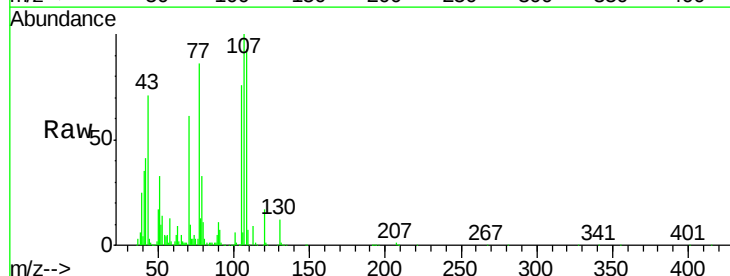
Instrument :
BNA_F
ClientSampleId :
PB87699BS

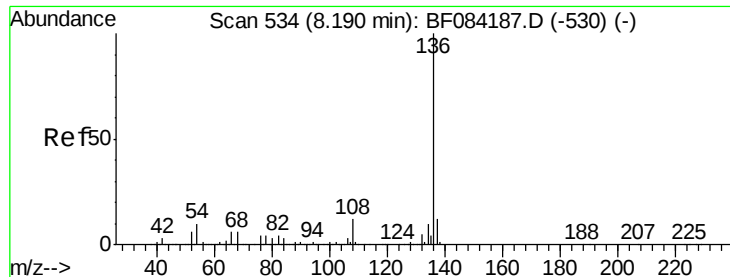
Tgt Ion: 70 Resp: 438183
Ion Ratio Lower Upper
70 100
42 67.1 33.3 49.9#
101 9.3 9.3 13.9
130 19.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 38.46 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 107 Resp: 612186
Ion Ratio Lower Upper
107 100
108 93.1 74.6 114.6
77 85.5 0.7 40.7#
79 32.8 0.0 39.0

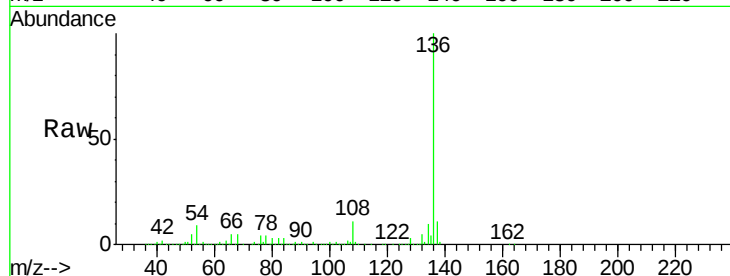




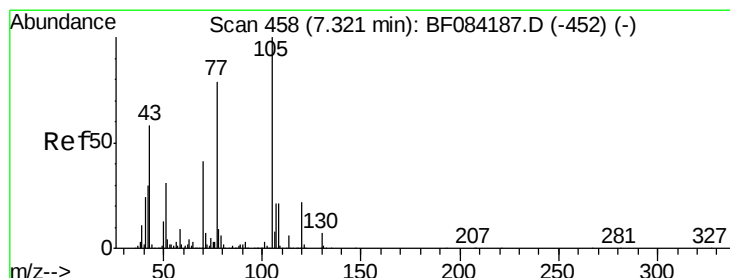
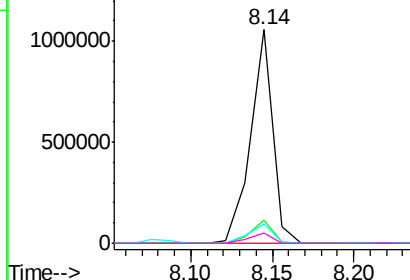
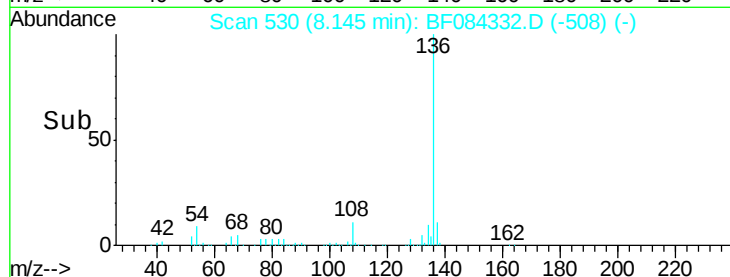
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion:	136	Resp:	998420
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.1	5.8	8.8#
68	5.0	4.2	6.2

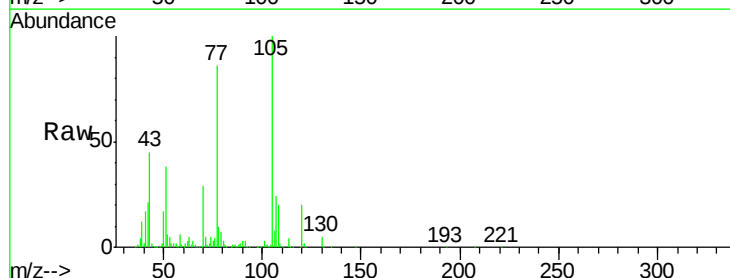


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

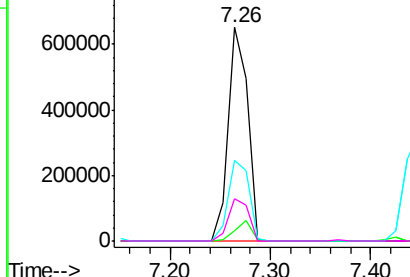
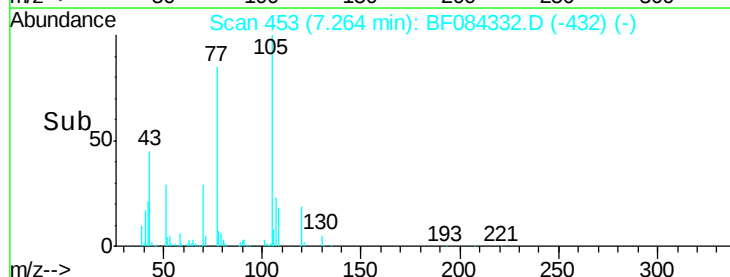


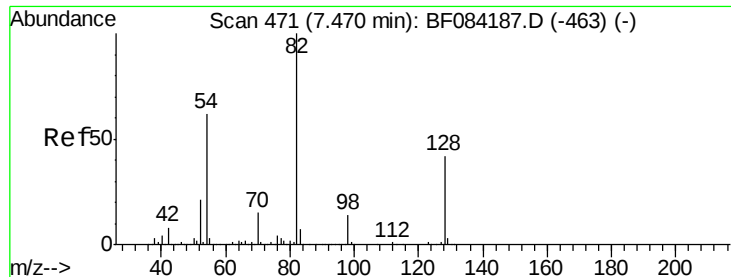
#22
Acetophenone
Concen: 36.24 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:	105	Resp:	870131
Ion	Ratio	Lower	Upper
105	100		
71	5.0	3.7	5.5
51	37.6	25.1	37.7
120	19.8	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

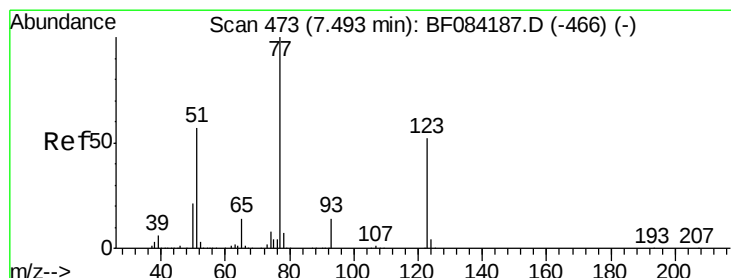
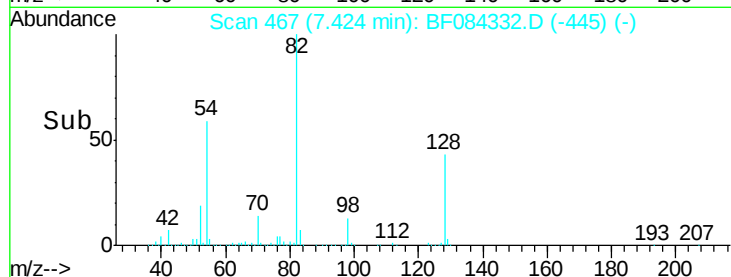
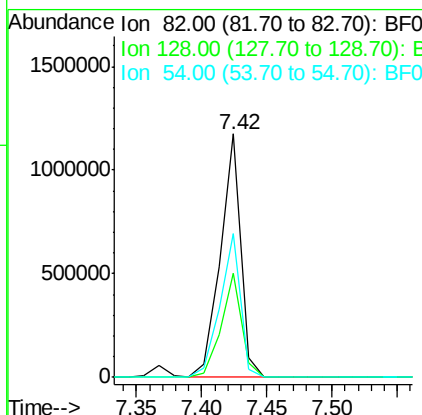
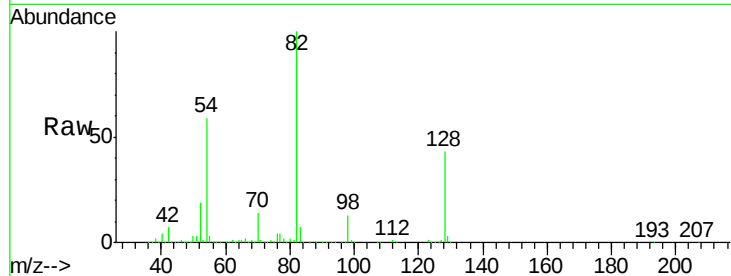




#23
 Nitrobenzene-d5
 Concen: 71.36 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

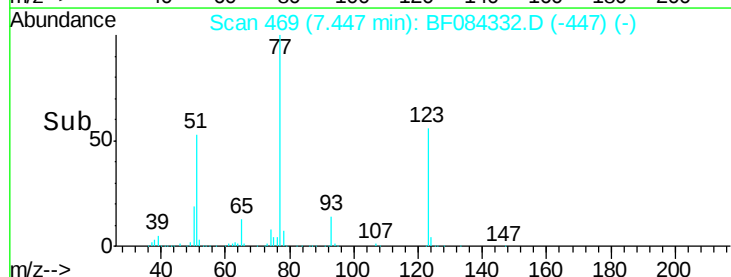
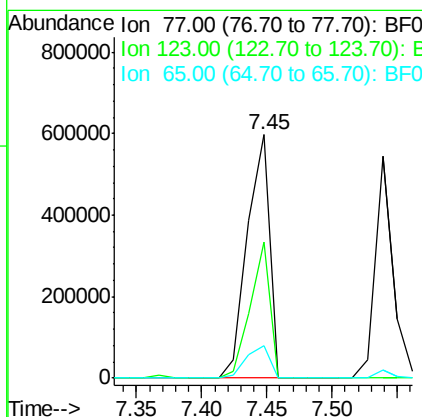
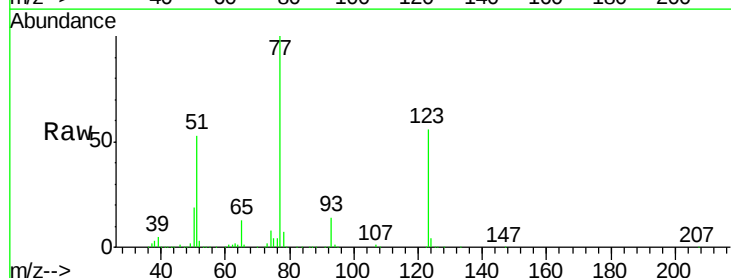
Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

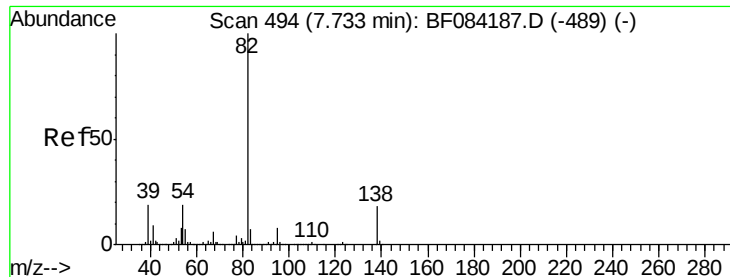
Tgt Ion: 82 Resp: 1280221
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.6 51.8
 54 58.8 38.4 57.6#



#24
 Nitrobenzene
 Concen: 38.97 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion: 77 Resp: 709065
 Ion Ratio Lower Upper
 77 100
 123 55.8 37.4 56.2
 65 13.4 10.9 16.3





#25

Isophorone

Concen: 36.92 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampled :

PB87699BS

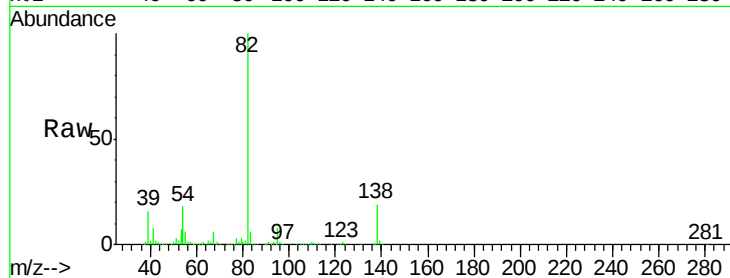
Tgt Ion: 82 Resp: 1266572

Ion Ratio Lower Upper

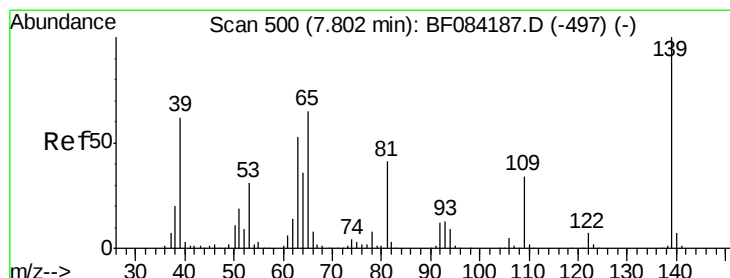
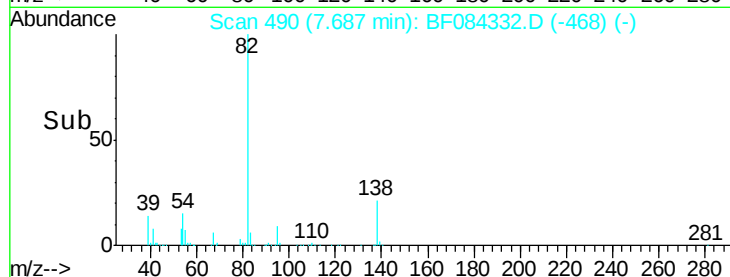
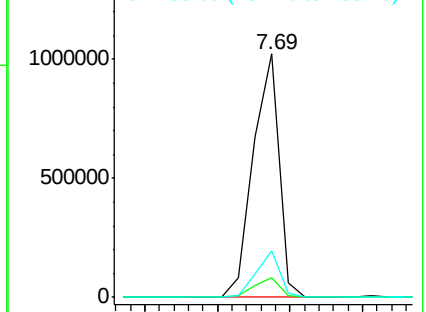
82 100

95 7.9 6.6 10.0

138 19.3 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): BF0



#26

2-Nitrophenol

Concen: 38.11 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

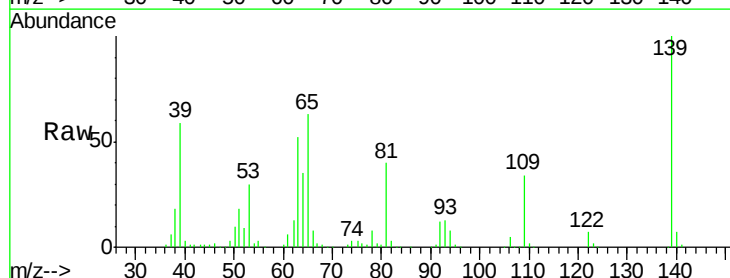
Tgt Ion: 139 Resp: 315622

Ion Ratio Lower Upper

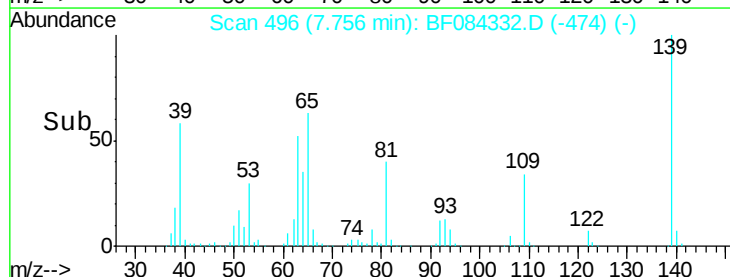
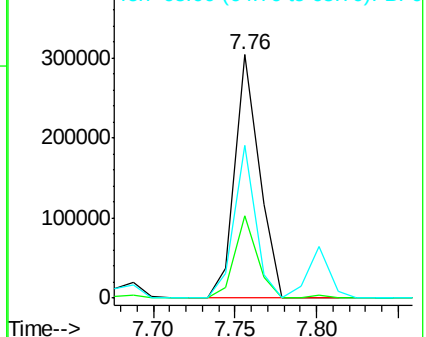
139 100

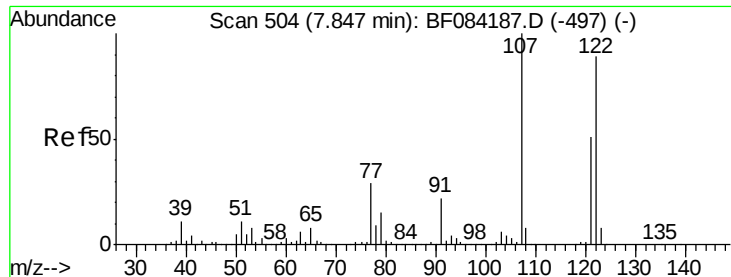
109 33.8 25.4 38.2

65 62.9 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: 34.63 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

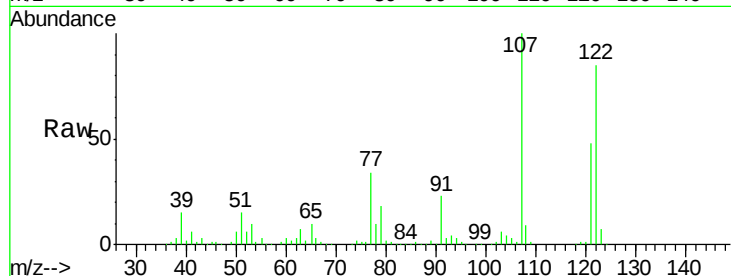
Tgt Ion:122 Resp: 580454

Ion Ratio Lower Upper

122 100

107 117.7 99.1 148.7

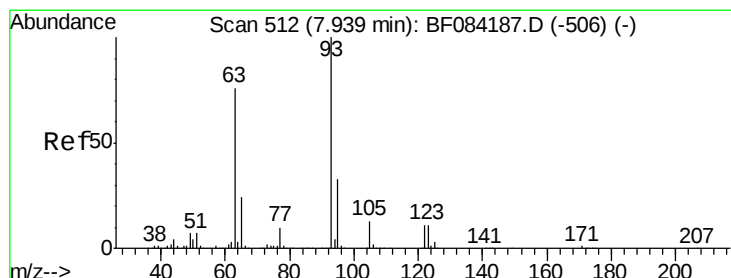
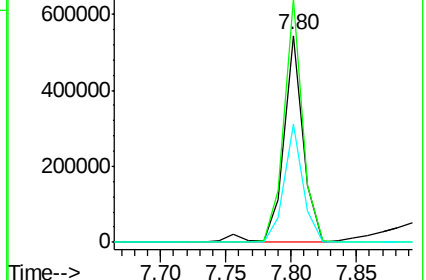
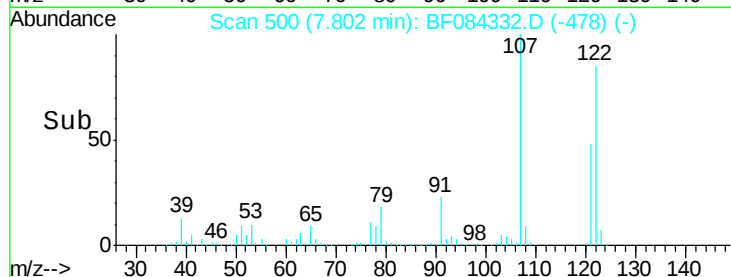
121 56.9 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 34.51 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

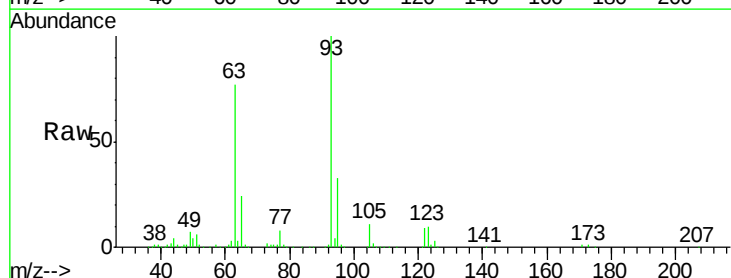
Tgt Ion: 93 Resp: 723150

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

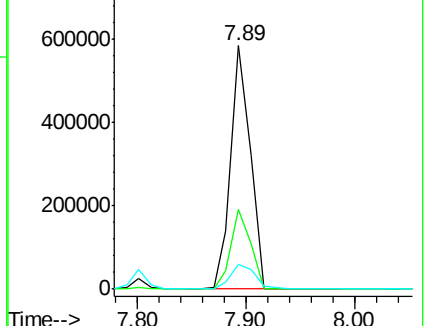
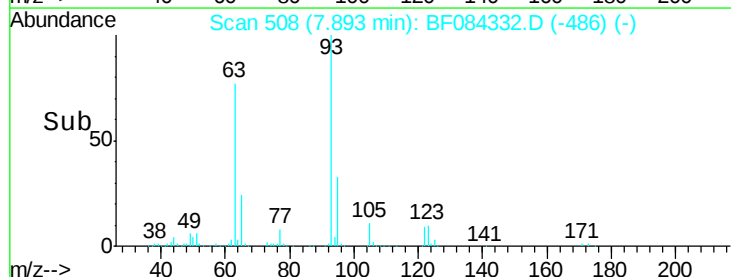
123 10.2 8.6 12.8

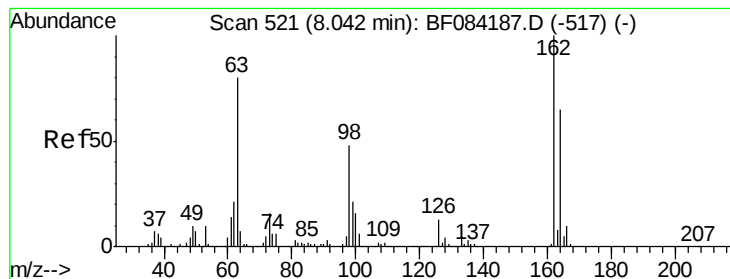


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.90 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

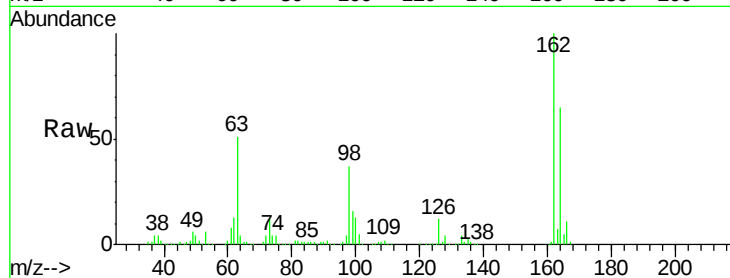
Tgt Ion:162 Resp: 557112

Ion Ratio Lower Upper

162 100

164 65.5 44.1 84.1

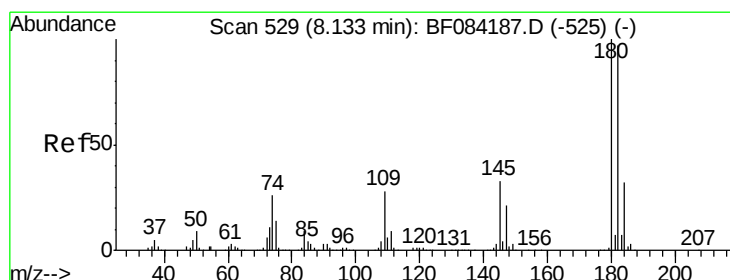
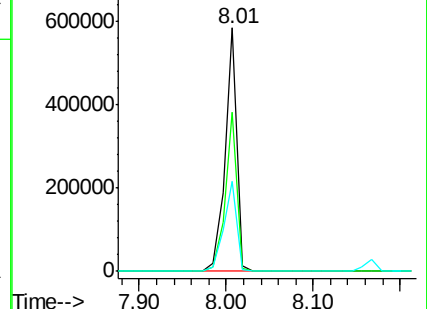
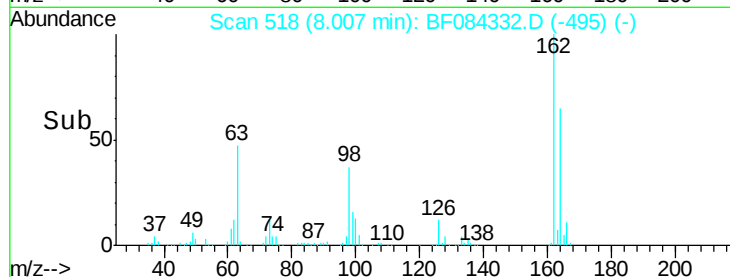
98 37.2 20.2 60.2



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): E



#30

1,2,4-Trichlorobenzene

Concen: 38.97 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

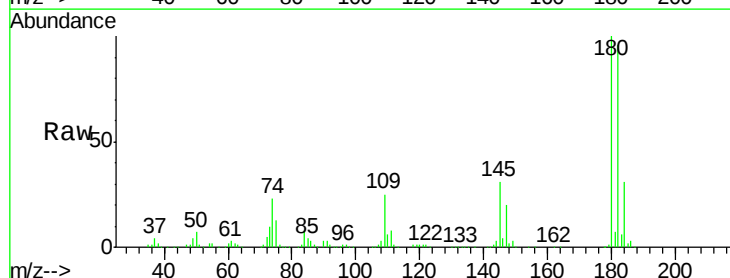
Tgt Ion:180 Resp: 561657

Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

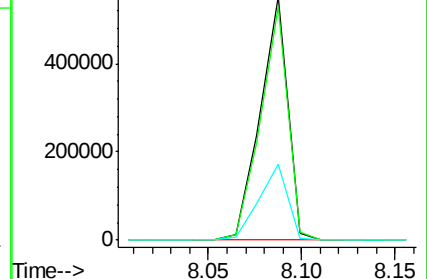
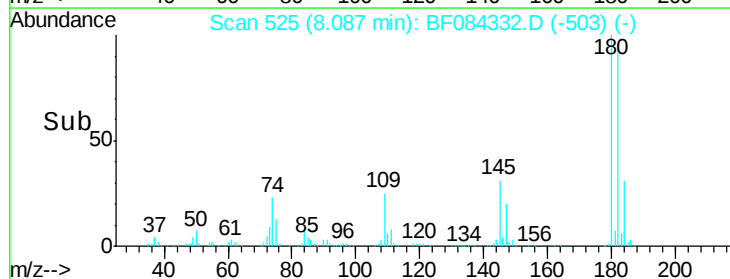
145 31.2 31.6 47.4#

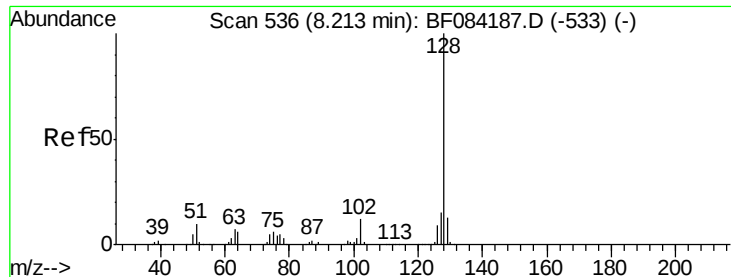


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

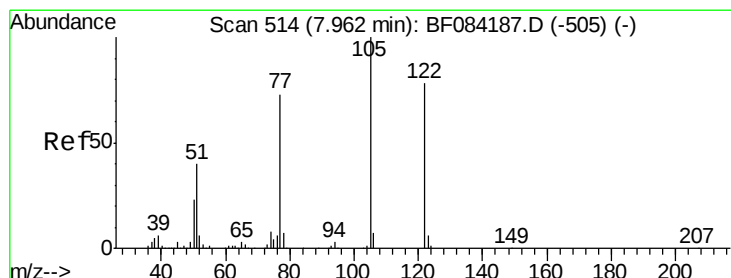
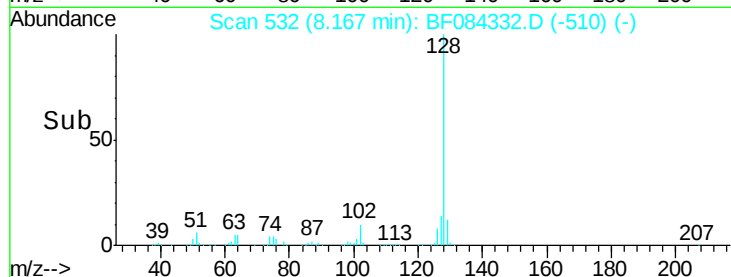
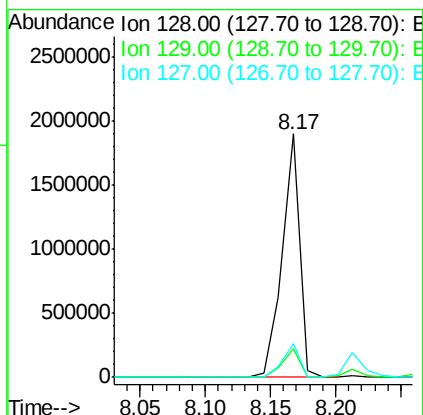
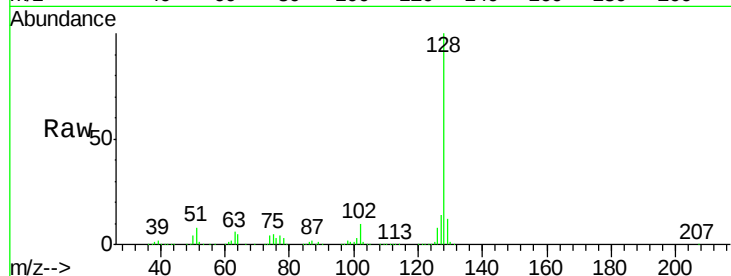




#31
Naphthalene
Concen: 39.68 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

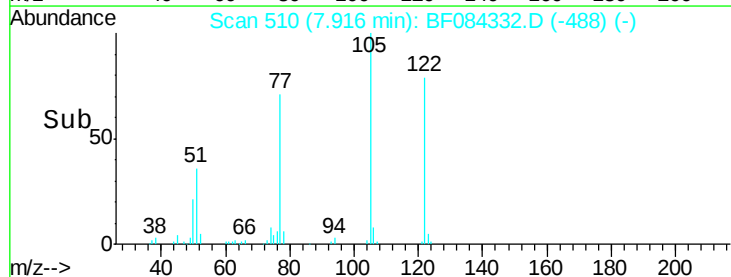
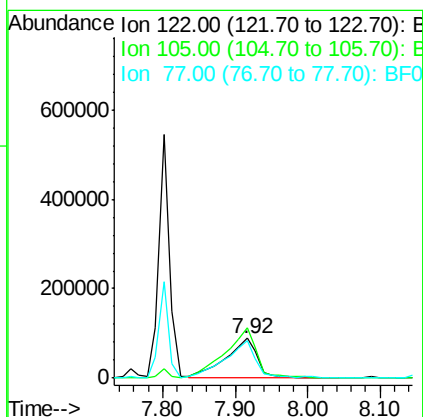
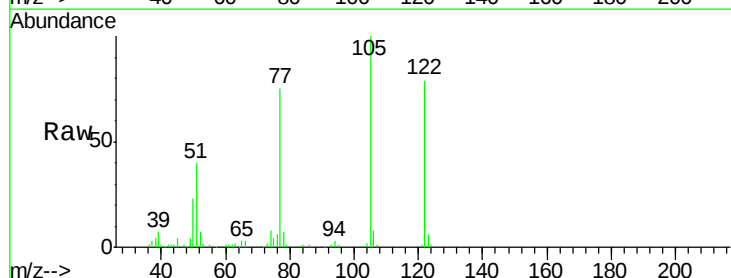
Instrument :
BNA_F
ClientSampleId :
PB87699BS

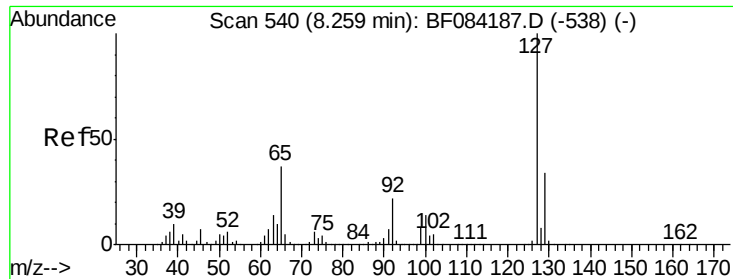
Tgt Ion:128 Resp: 1797383
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 14.0 11.1 16.7



#32
Benzoic acid
Concen: 27.59 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:122 Resp: 264547
Ion Ratio Lower Upper
122 100
105 126.4 100.3 140.3
77 94.2 63.5 103.5

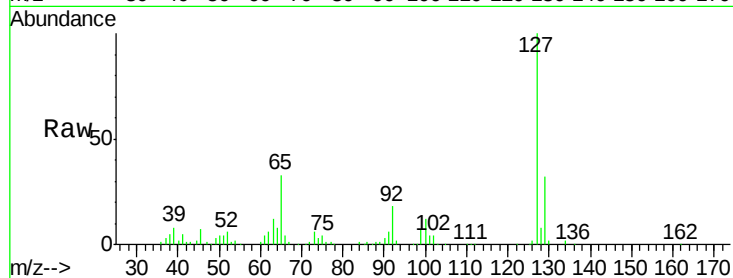




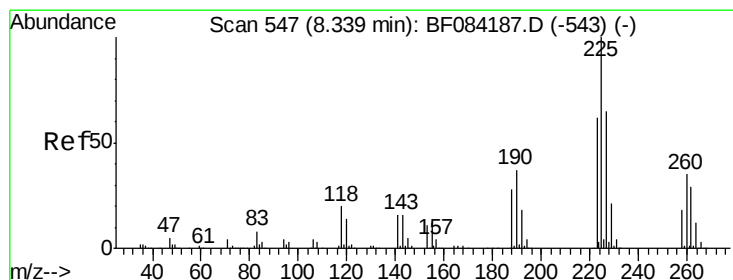
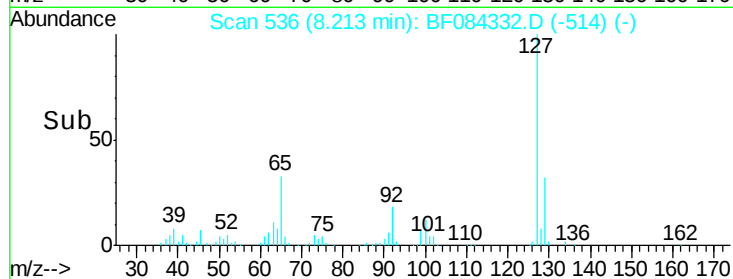
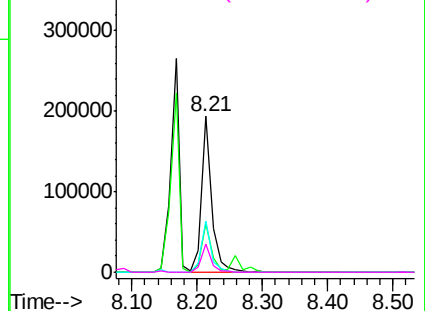
#33
4-Chloroaniline
Concen: 10.04 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion:	127	Resp:	208506
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.5	39.7
65	33.1	27.2	40.8
92	18.5	17.7	26.5

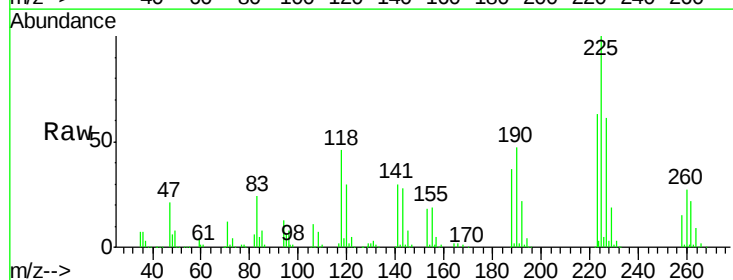


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

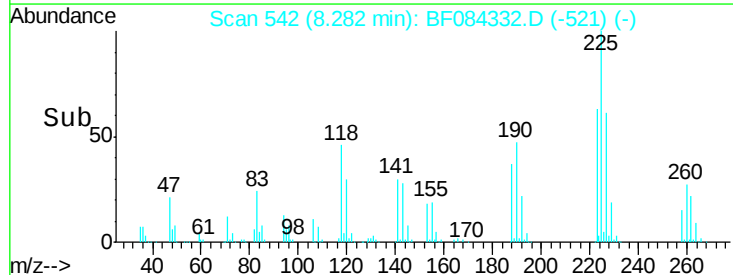
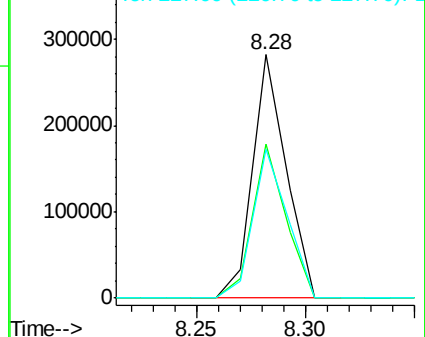


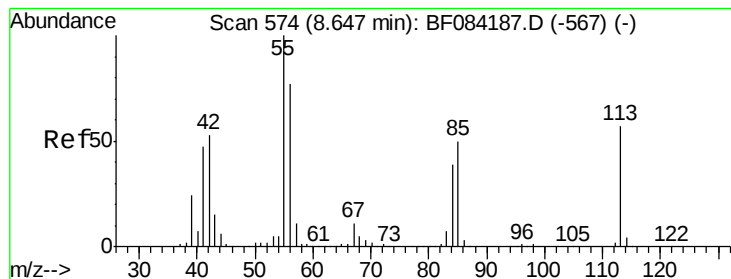
#34
Hexachlorobutadiene
Concen: 36.38 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:	225	Resp:	301470
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	61.0	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.15 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleID :

PB87699BS

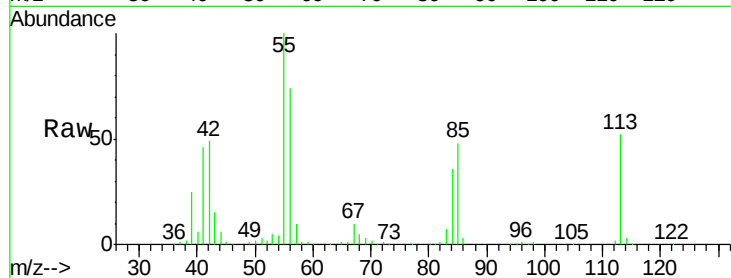
Tgt Ion:113 Resp: 127776

Ion Ratio Lower Upper

113 100

55 192.2 116.9 156.9#

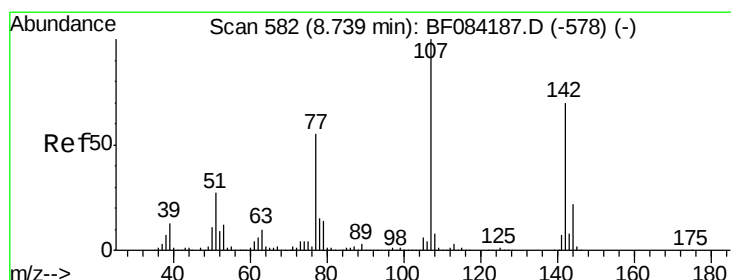
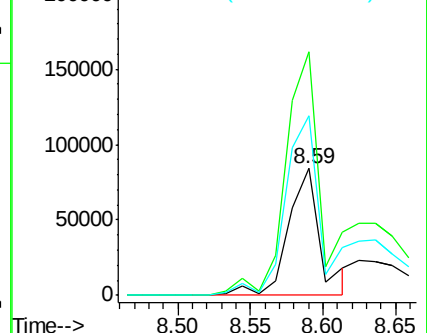
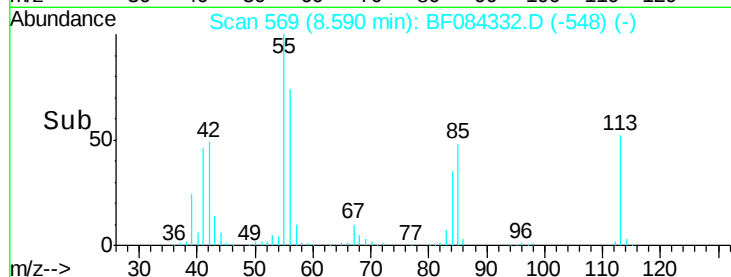
56 141.4 93.8 133.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.72 ng

RT: 8.70 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

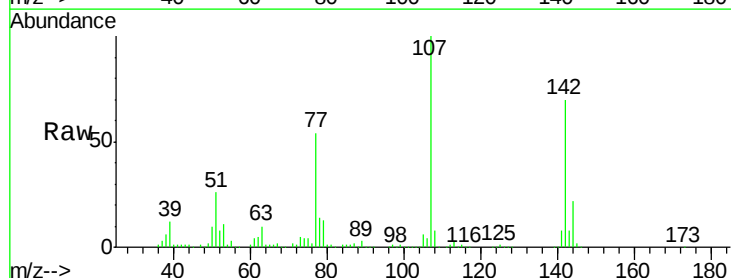
Tgt Ion:107 Resp: 605629

Ion Ratio Lower Upper

107 100

144 22.1 19.7 29.5

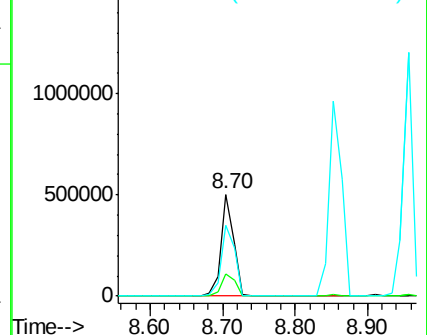
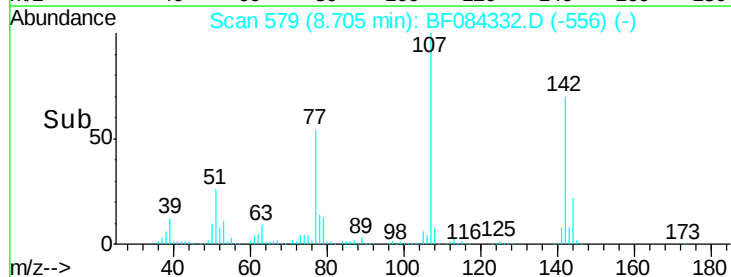
142 69.8 61.8 92.6

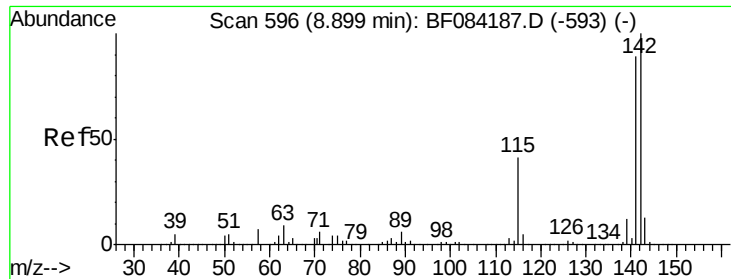


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

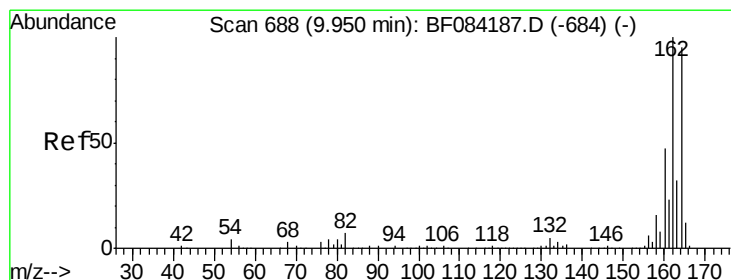
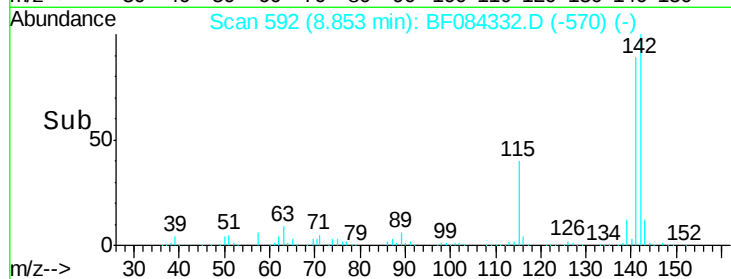
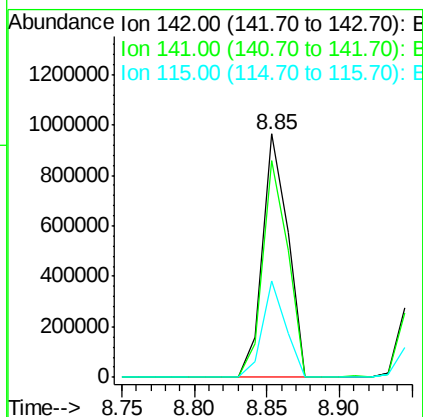
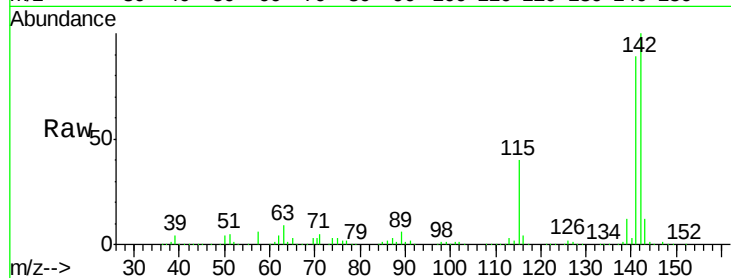




#37
 2-Methylnaphthalene
 Concen: 35.96 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

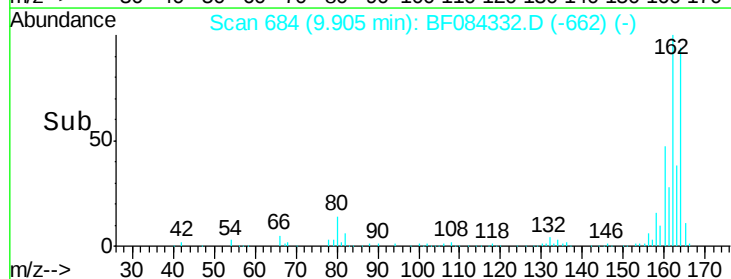
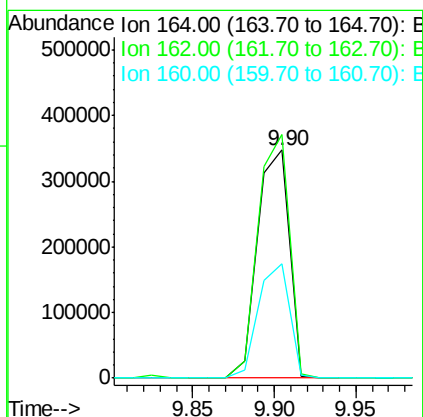
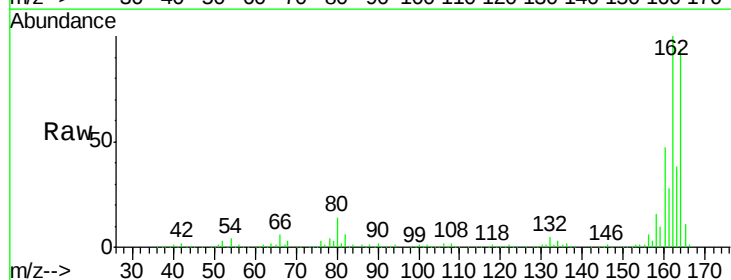
Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

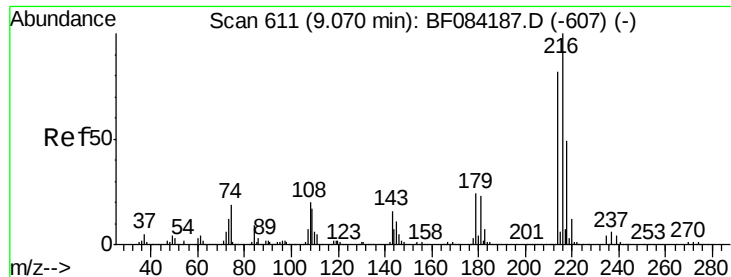
Tgt Ion:142 Resp: 1169307
 Ion Ratio Lower Upper
 142 100
 141 88.8 72.4 108.6
 115 39.8 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:164 Resp: 473338
 Ion Ratio Lower Upper
 164 100
 162 106.7 85.1 127.7
 160 50.3 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.65 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion:216 Resp: 525979

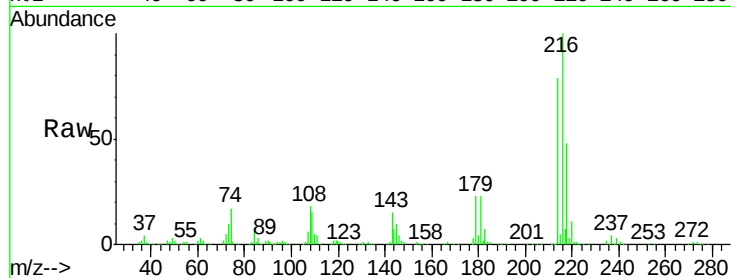
Ion Ratio Lower Upper

216 100

214 79.3 64.2 96.2

179 23.8 18.7 28.1

108 23.6 16.8 25.2

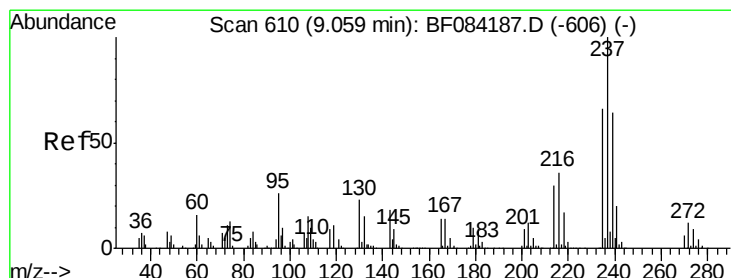
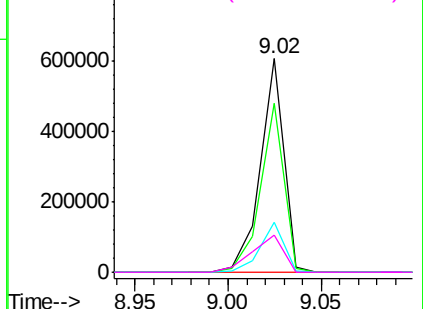
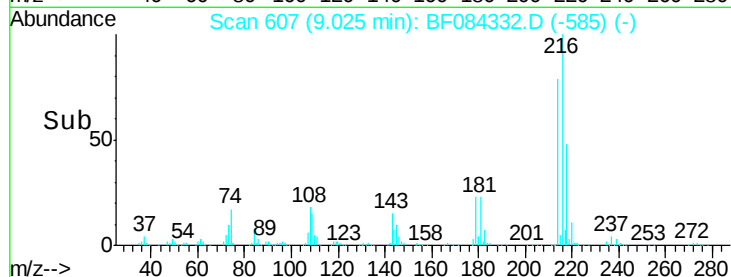


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.05 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

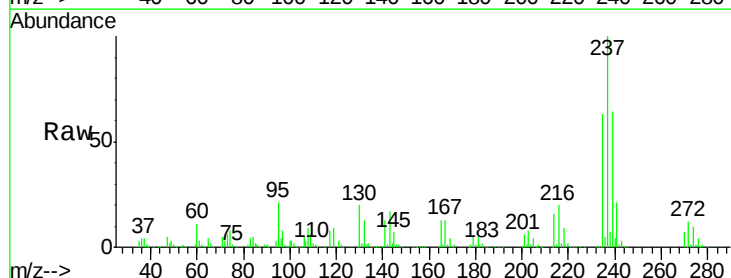
Tgt Ion:237 Resp: 583637

Ion Ratio Lower Upper

237 100

235 63.0 43.1 83.1

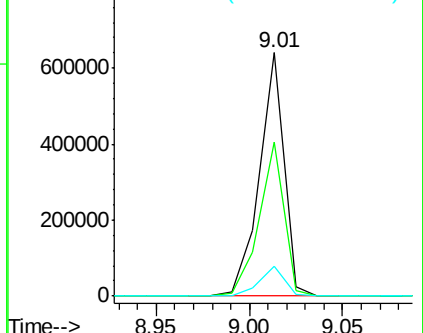
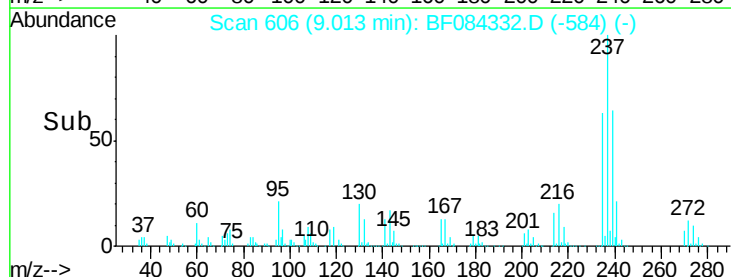
272 12.4 0.0 35.1

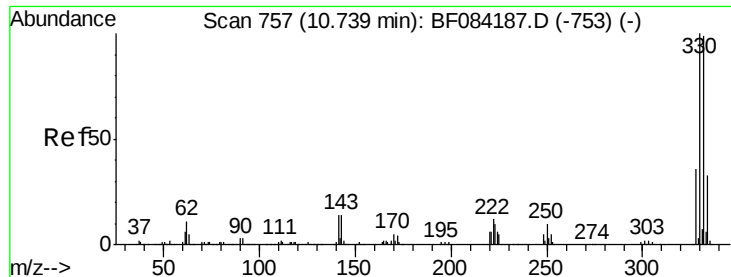


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

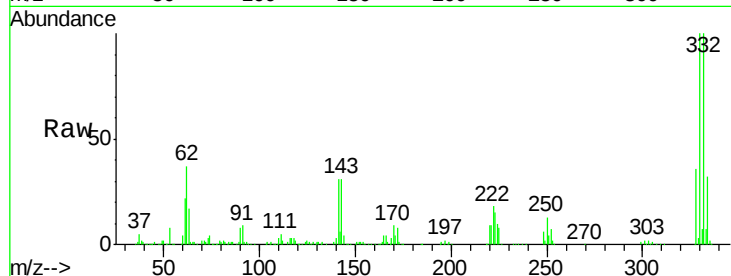




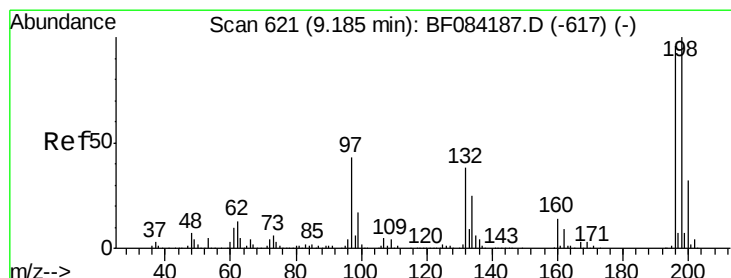
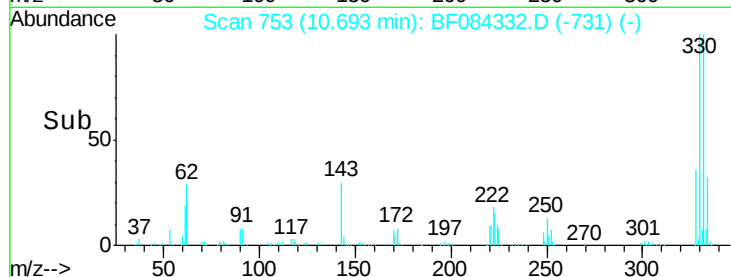
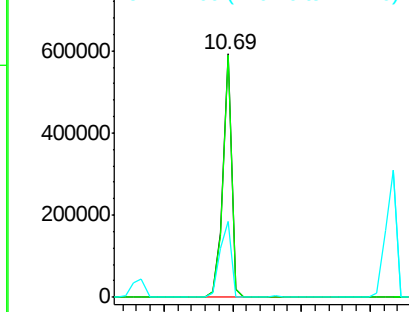
#41
 2,4,6-Tribromophenol
 Concen: 114.02 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	40.6	27.8	41.6

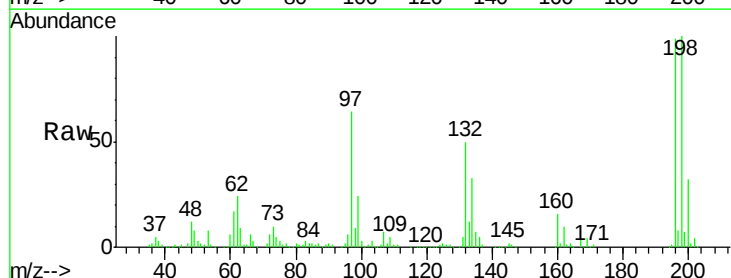


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

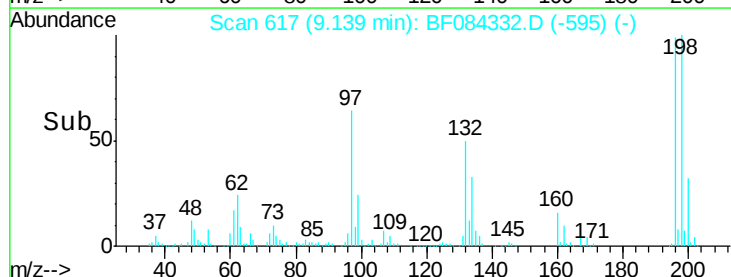
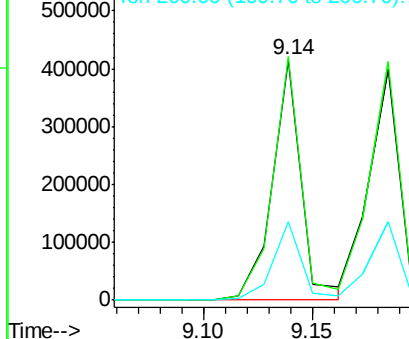


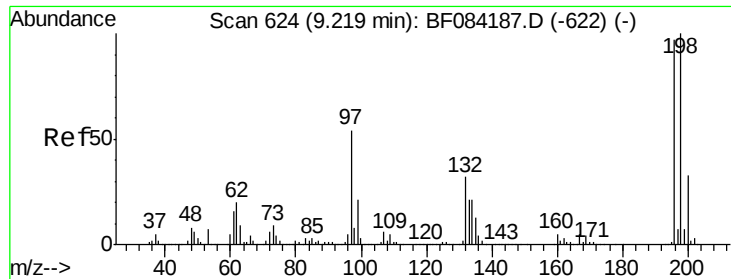
#42
 2,4,6-Trichlorophenol
 Concen: 38.05 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.4	77.7	116.5
200	32.9	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

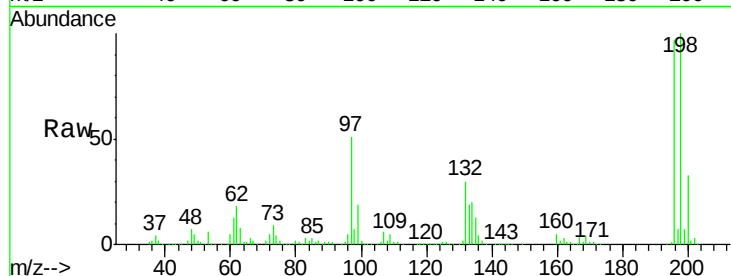




#43
 2,4,5-Trichlorophenol
 Concen: 39.38 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.6	79.0	118.6
97	52.6	33.0	49.6
132	30.8	21.1	31.7



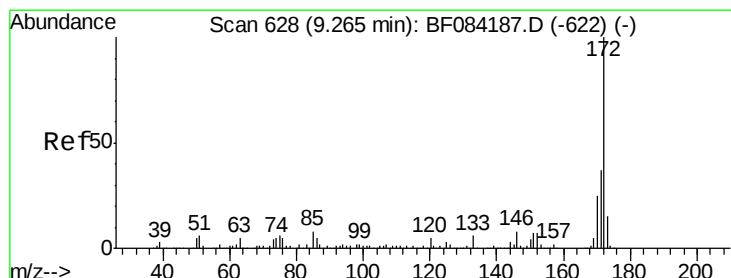
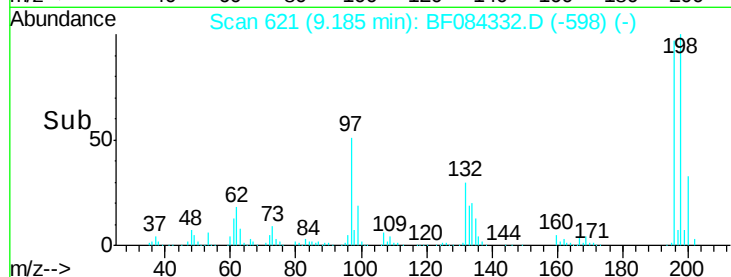
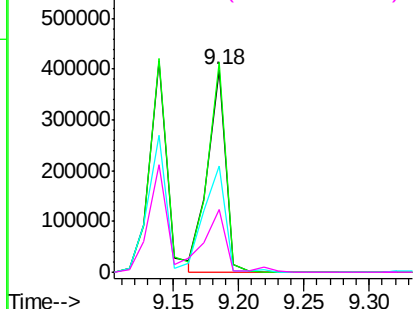
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

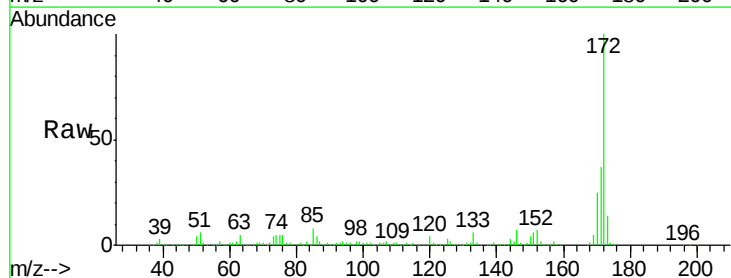
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.44 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.9	43.3
170	25.4	18.6	27.8

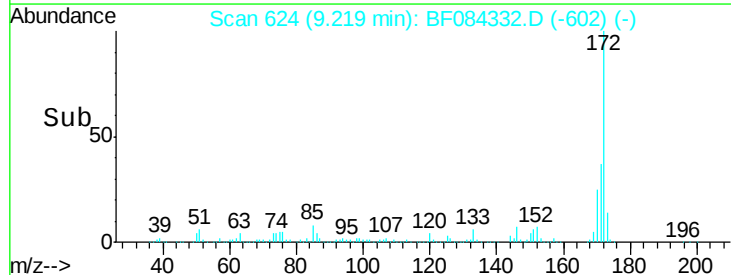
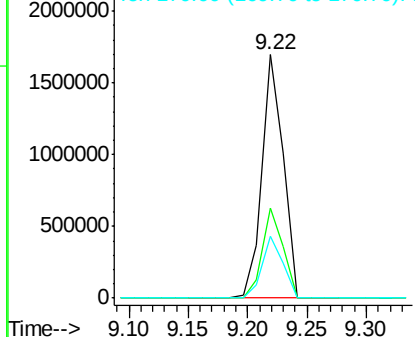


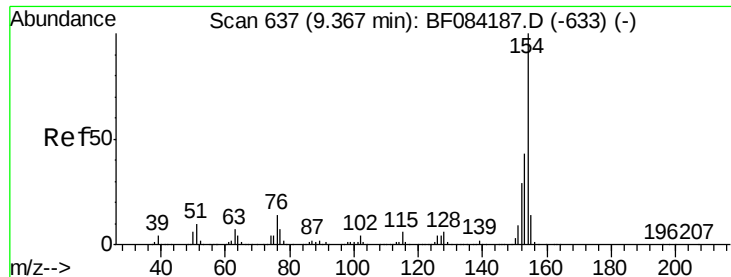
Abundance

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: 37.27 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

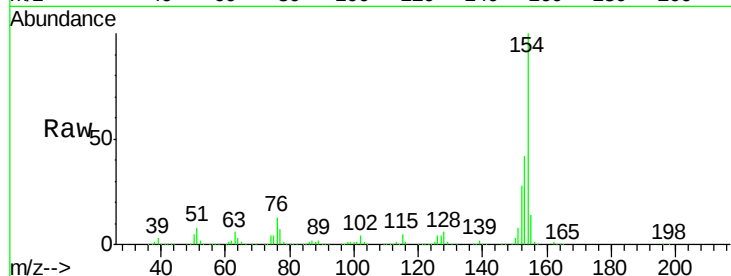
Tgt Ion:154 Resp: 1401967

Ion Ratio Lower Upper

154 100

153 42.0 21.6 61.6

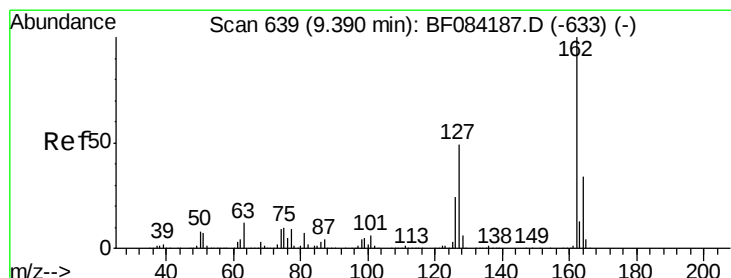
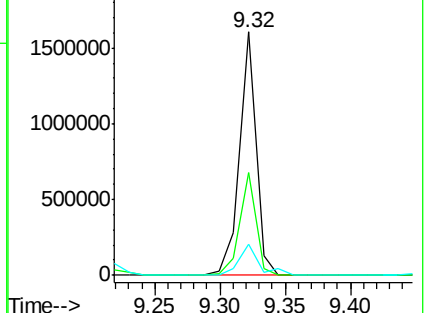
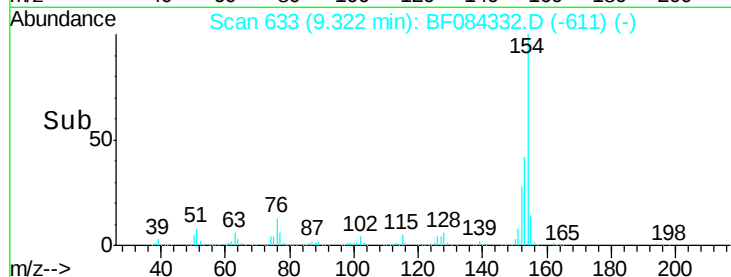
76 12.6 0.0 32.7



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: 35.33 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

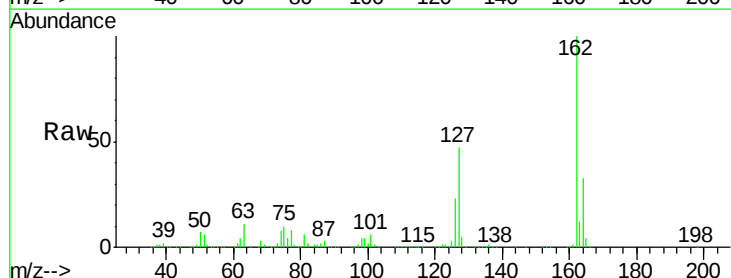
Tgt Ion:162 Resp: 1043968

Ion Ratio Lower Upper

162 100

127 47.0 40.2 60.4

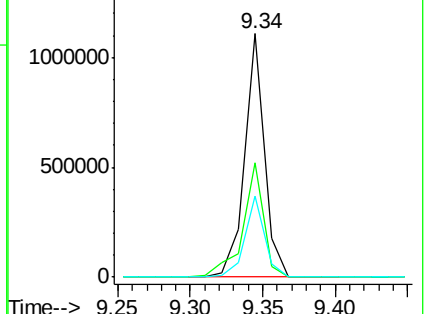
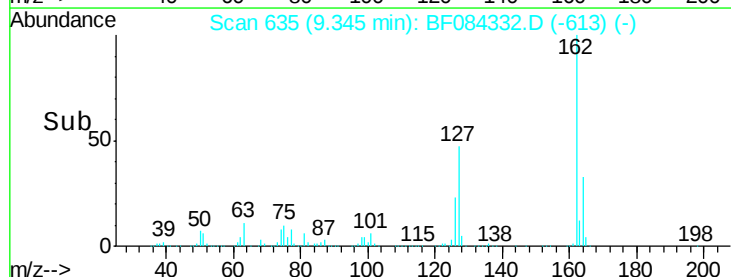
164 33.4 25.7 38.5

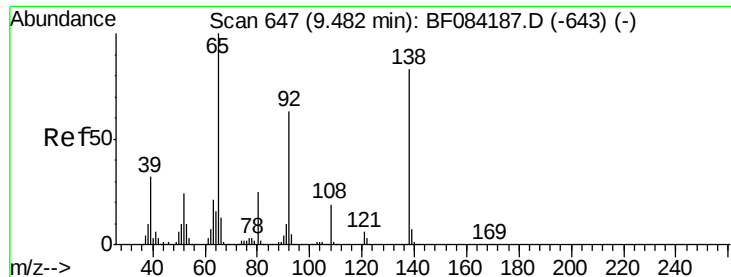


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

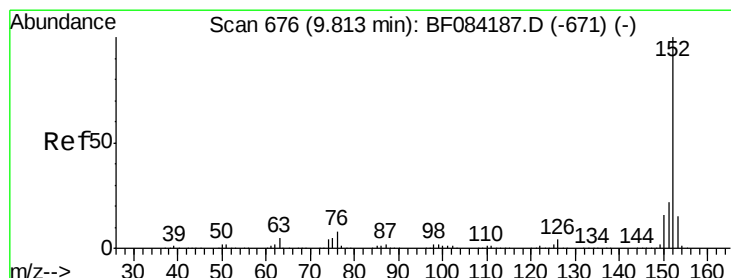
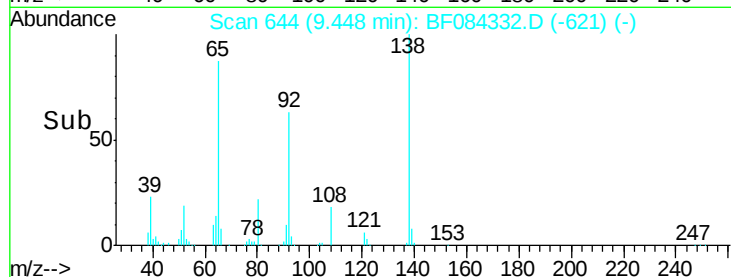
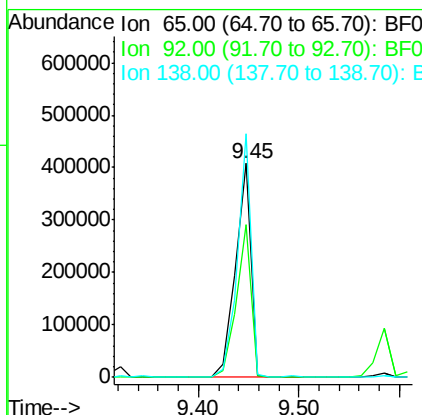
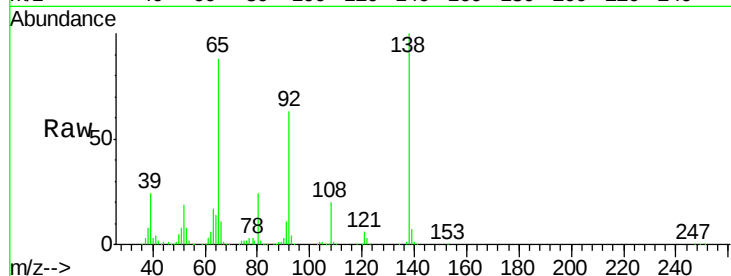




#47
2-Nitroaniline
Concen: 44.63 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

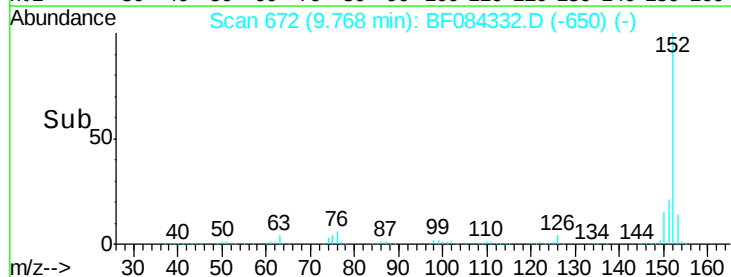
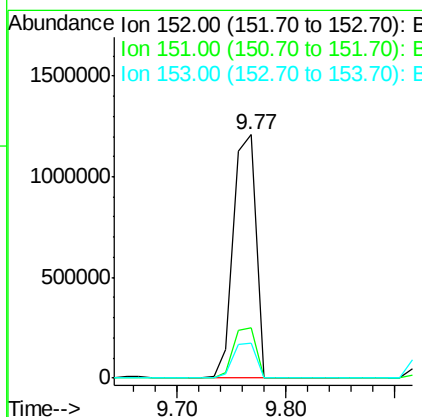
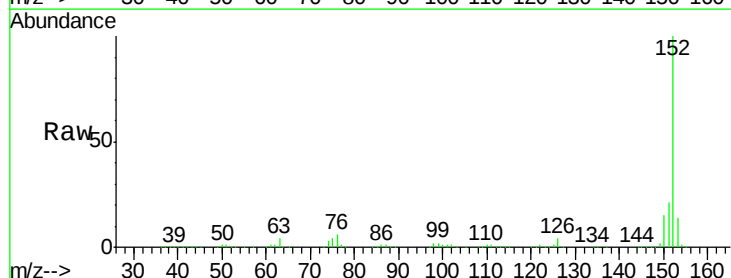
Instrument :
BNA_F
ClientSampleId :
PB87699BS

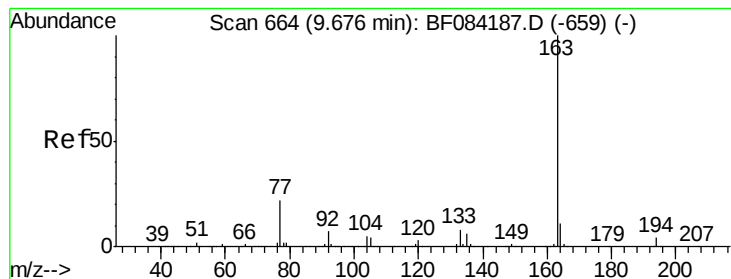
Tgt Ion: 65 Resp: 435271
Ion Ratio Lower Upper
65 100
92 71.4 53.4 80.2
138 113.9 71.1 106.7#



#48
Acenaphthylene
Concen: 39.18 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 152 Resp: 1710440
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 10.4 15.6





#49

Dimethylphthalate

Concen: 41.87 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

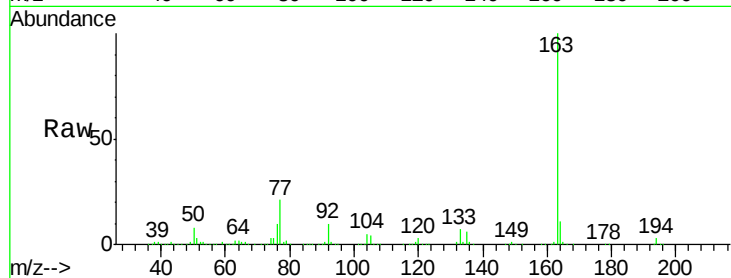
Tgt Ion:163 Resp: 1416960

Ion Ratio Lower Upper

163 100

194 3.4 8.0 12.0#

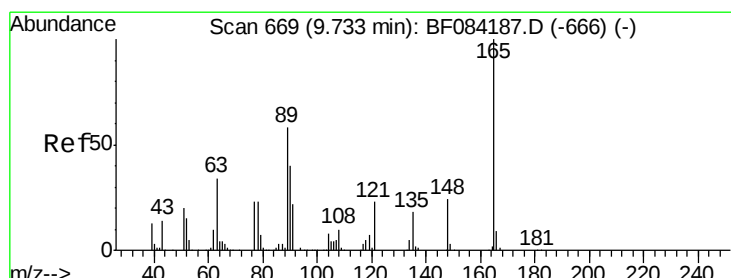
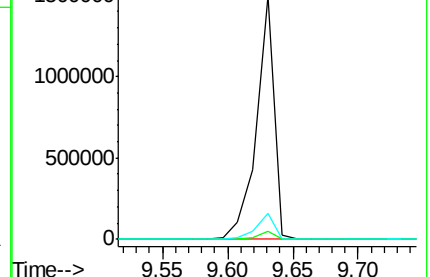
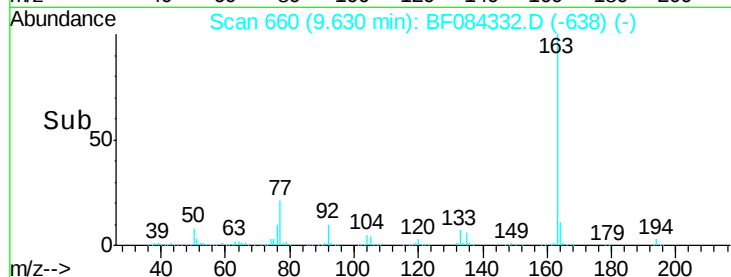
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.41 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

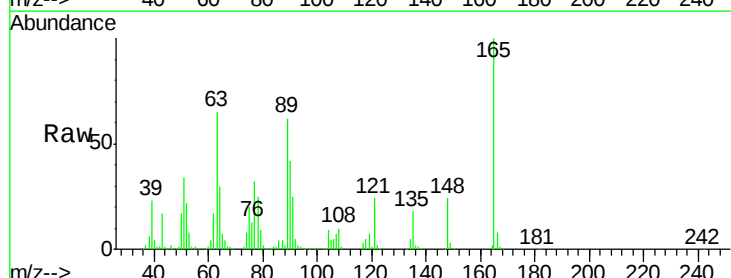
Tgt Ion:165 Resp: 299920

Ion Ratio Lower Upper

165 100

63 64.8 28.8 43.2#

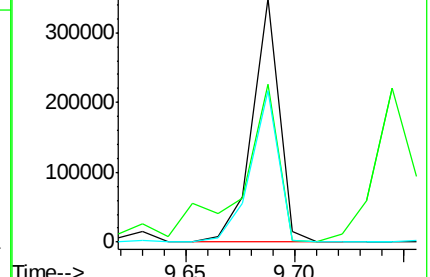
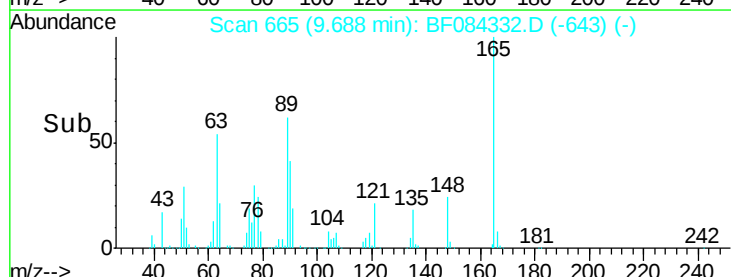
89 62.1 35.1 52.7#

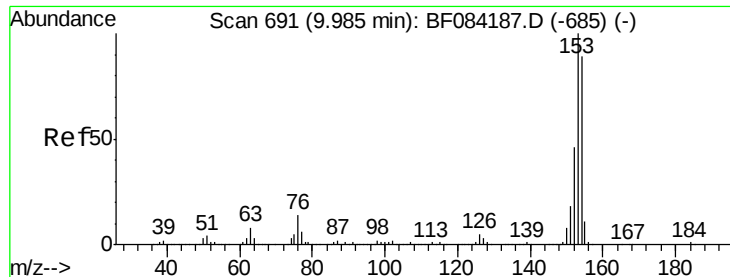


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.26 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.04 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

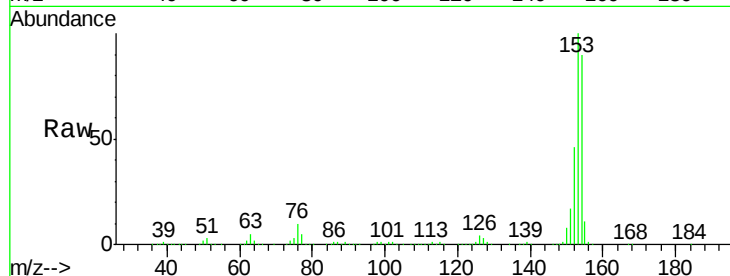
Tgt Ion:154 Resp: 1266808

Ion Ratio Lower Upper

154 100

153 111.0 91.5 137.3

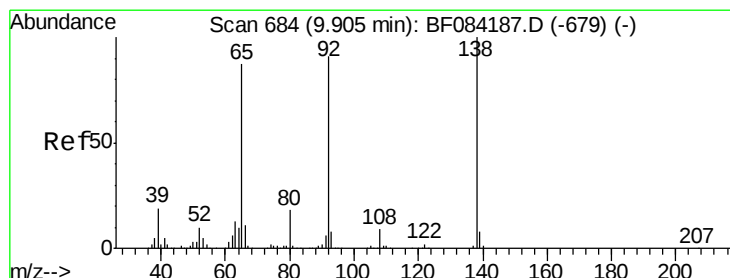
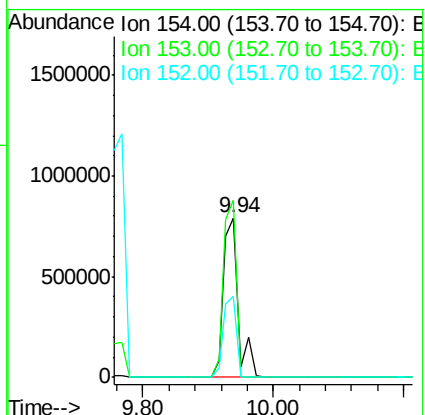
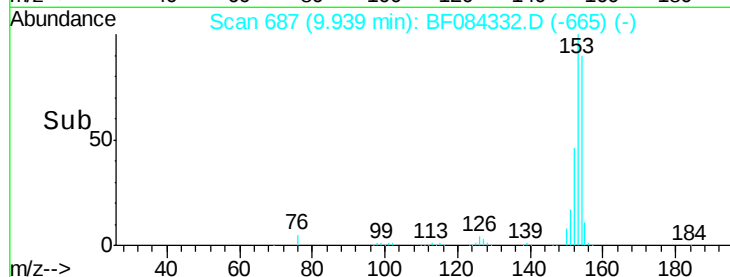
152 51.1 43.0 64.6



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: 19.39 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

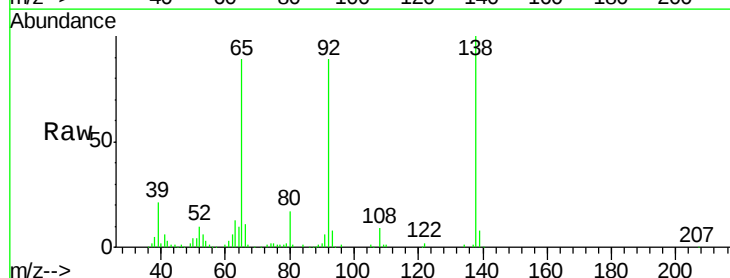
Tgt Ion:138 Resp: 178358

Ion Ratio Lower Upper

138 100

108 8.9 10.5 15.7#

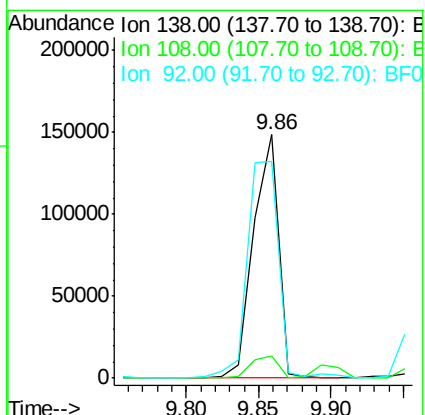
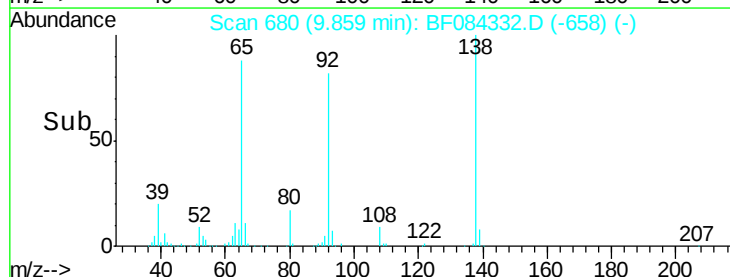
92 89.2 103.9 155.9#

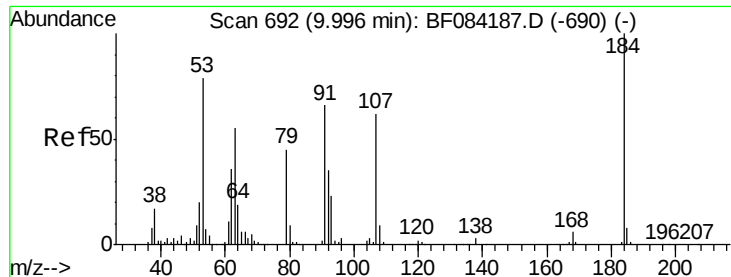


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

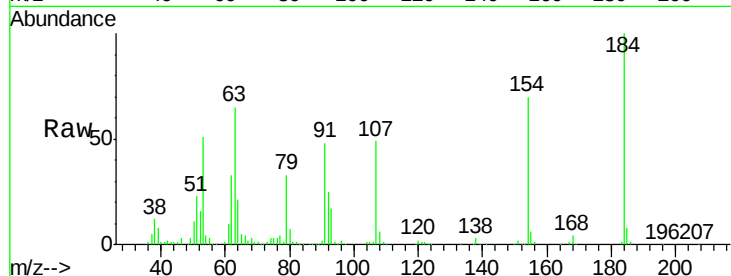




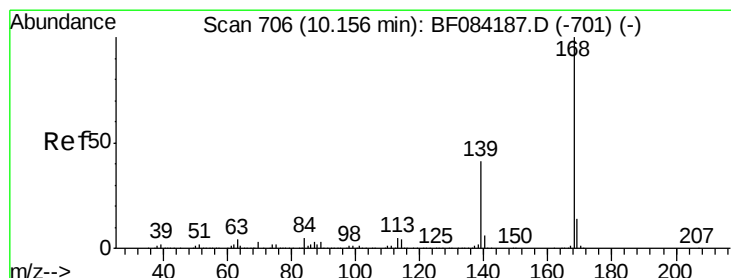
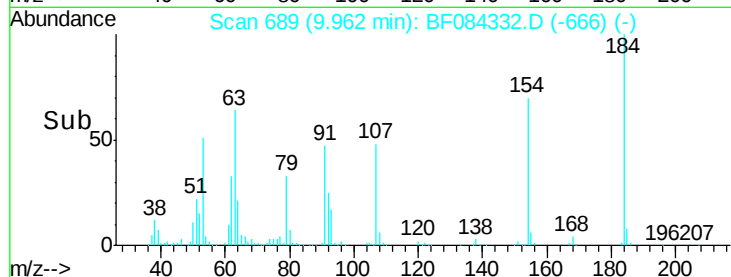
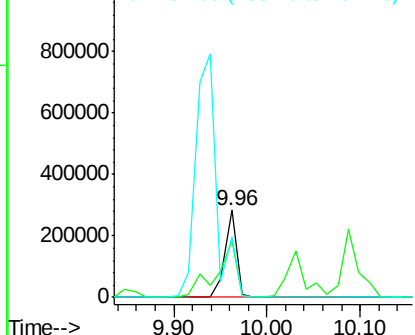
#53
 2,4-Dinitrophenol
 Concen: 80.08 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion:184 Resp: 253176
 Ion Ratio Lower Upper
 184 100
 63 65.3 43.1 64.7#
 154 69.6 60.5 90.7

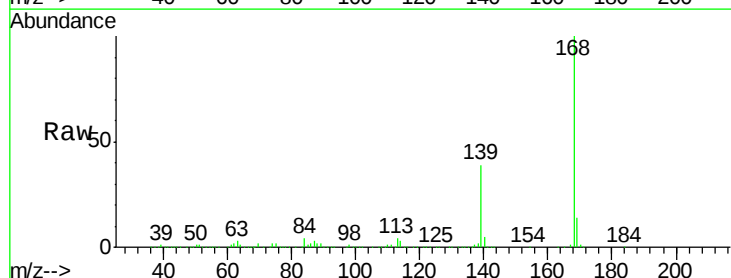


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

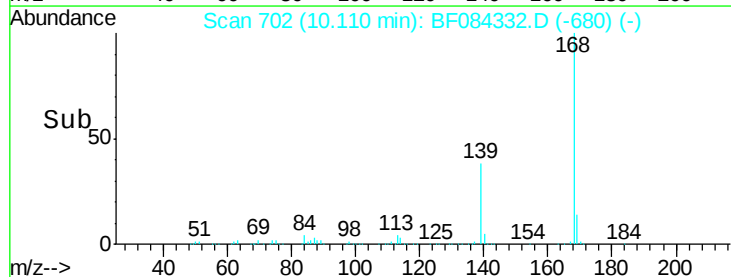
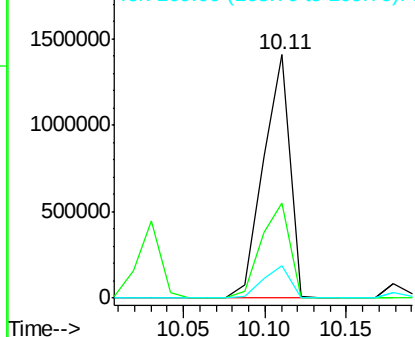


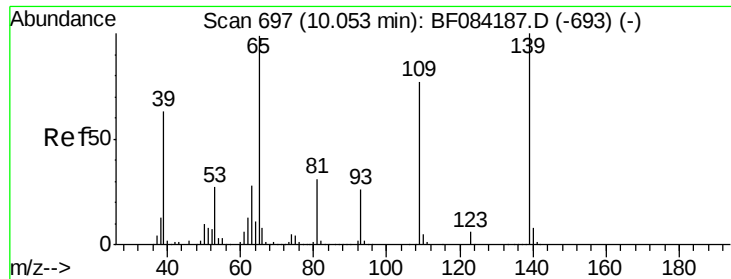
#54
 Dibenzofuran
 Concen: 41.69 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:168 Resp: 1589365
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.5 45.7
 169 13.5 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

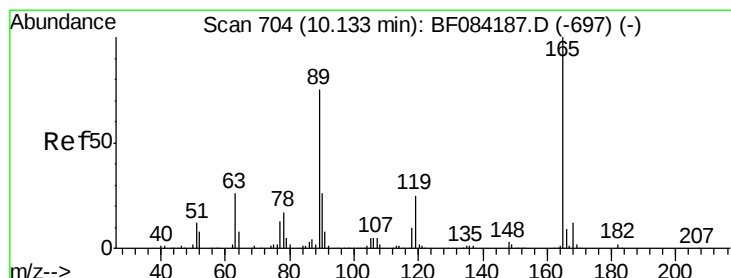
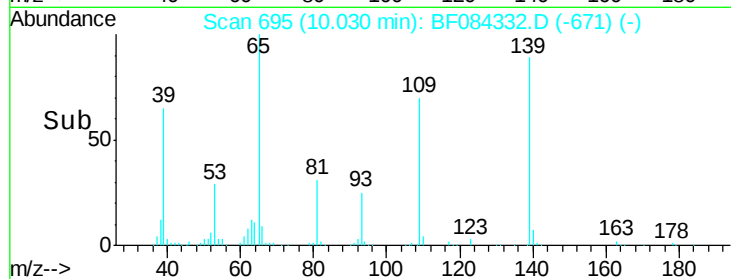
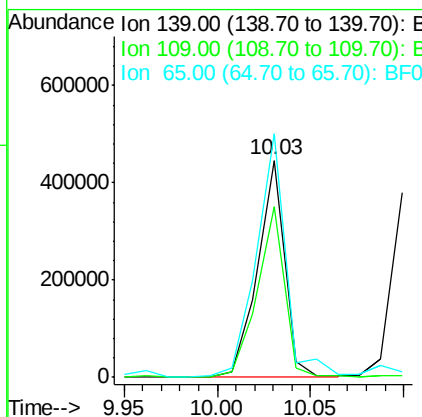
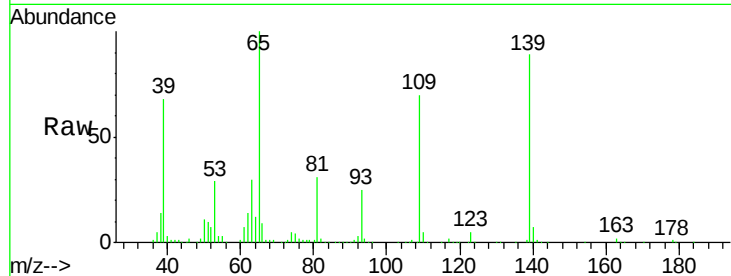




#55
4-Nitrophenol
Concen: 67.71 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

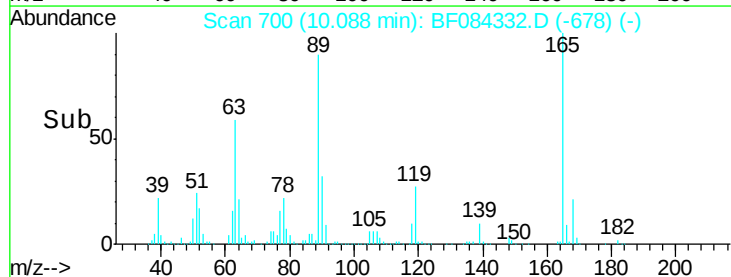
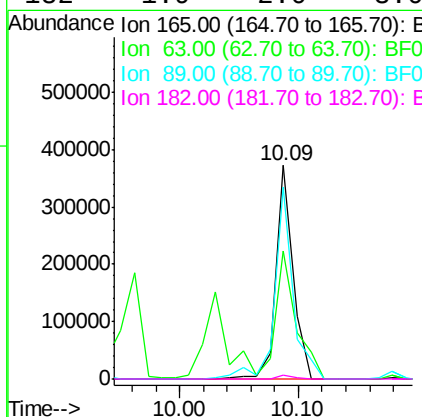
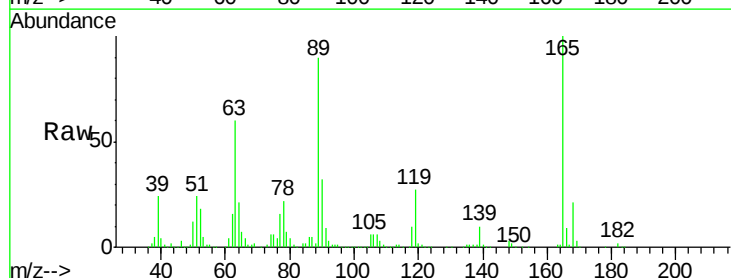
Instrument :
BNA_F
ClientSampleId :
PB87699BS

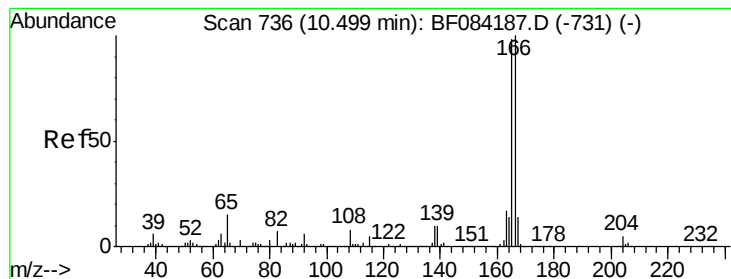
Tgt Ion:139 Resp: 452019
Ion Ratio Lower Upper
139 100
109 78.6 58.5 98.5
65 112.3 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 39.34 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:165 Resp: 369522
Ion Ratio Lower Upper
165 100
63 60.0 36.7 55.1#
89 89.8 61.9 92.9
182 1.9 2.0 3.0#





#57

Fluorene

Concen: 41.20 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.04 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

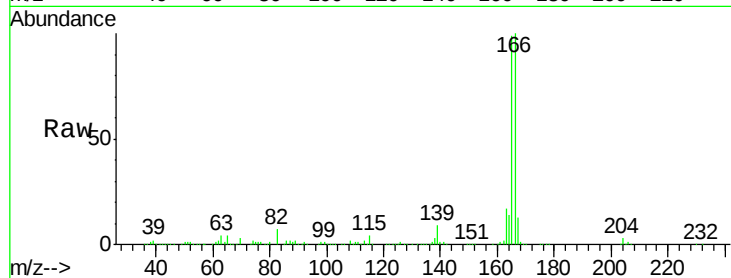
Tgt Ion:166 Resp: 1214198

Ion Ratio Lower Upper

166 100

165 99.2 79.1 118.7

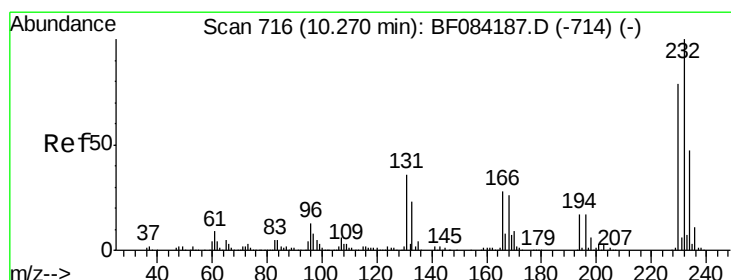
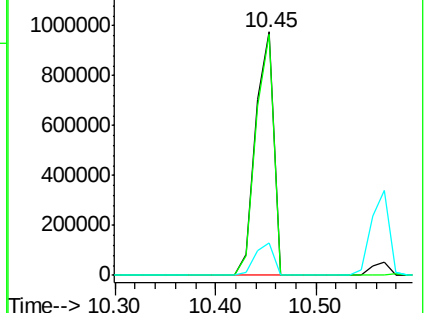
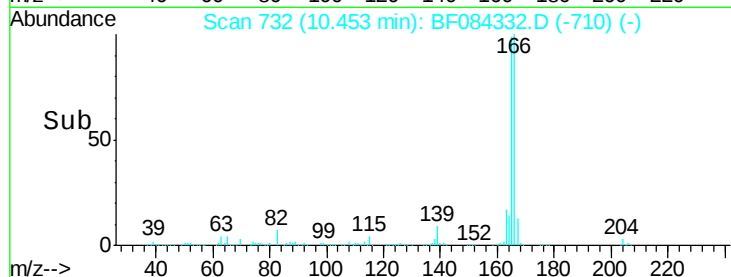
167 13.5 10.4 15.6



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: 38.42 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Tgt Ion:232 Resp: 320132

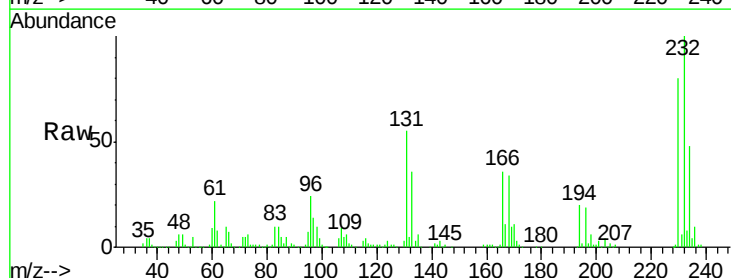
Ion Ratio Lower Upper

232 100

131 54.6 47.0 70.6

130 2.9 2.0 3.0

166 34.8 30.5 45.7

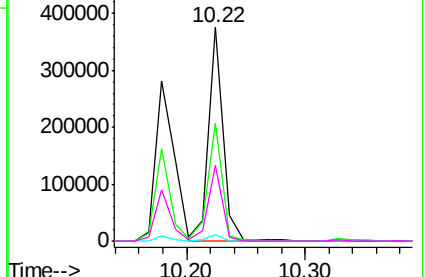
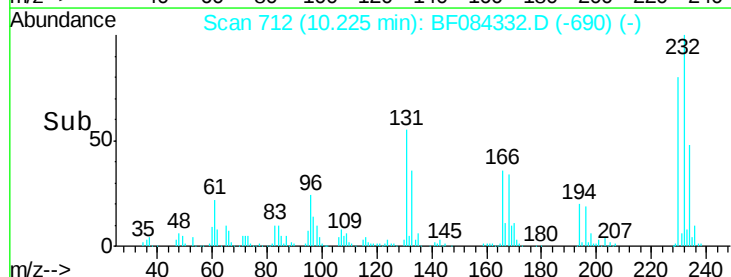


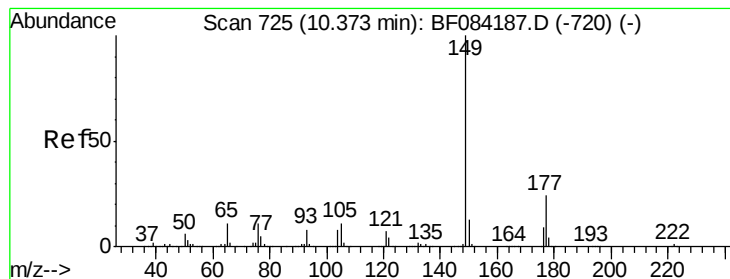
Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.91 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

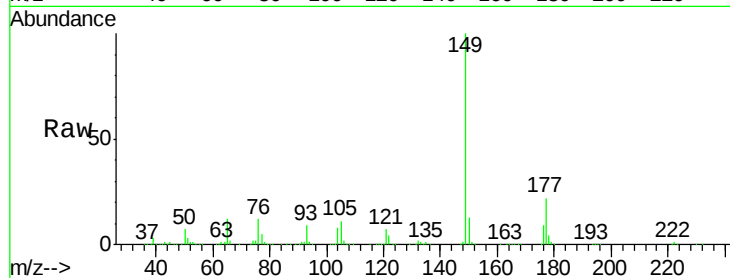
Tgt Ion:149 Resp: 1298105

Ion Ratio Lower Upper

149 100

177 22.0 17.3 25.9

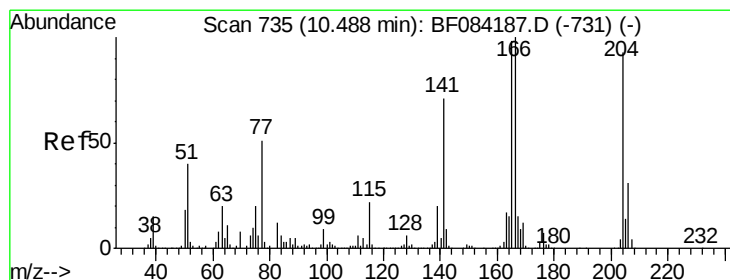
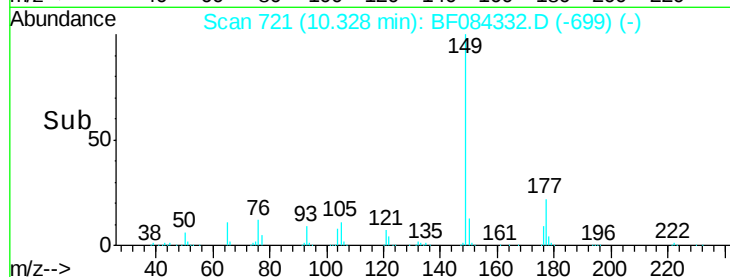
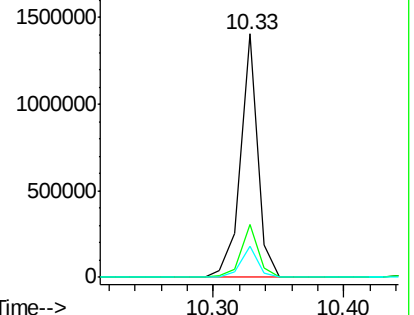
150 12.9 9.8 14.8



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: 44.88 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

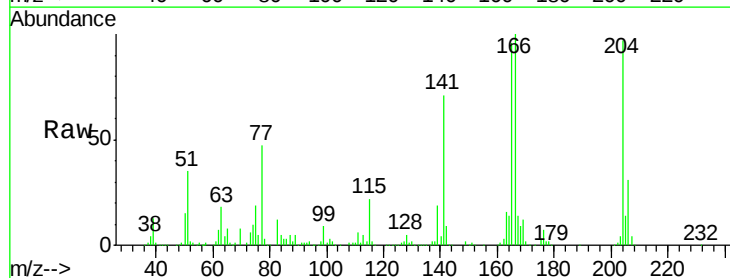
Tgt Ion:204 Resp: 555583

Ion Ratio Lower Upper

204 100

206 32.4 25.7 38.5

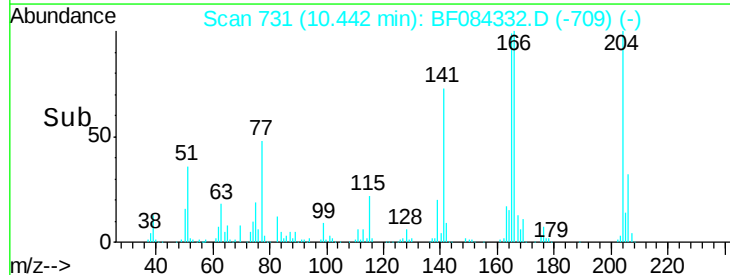
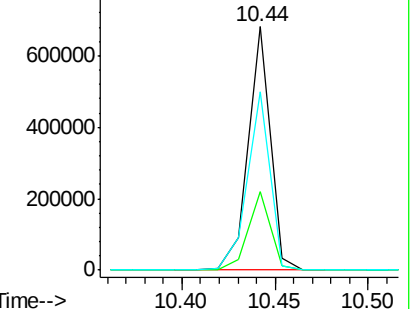
141 73.4 55.1 82.7

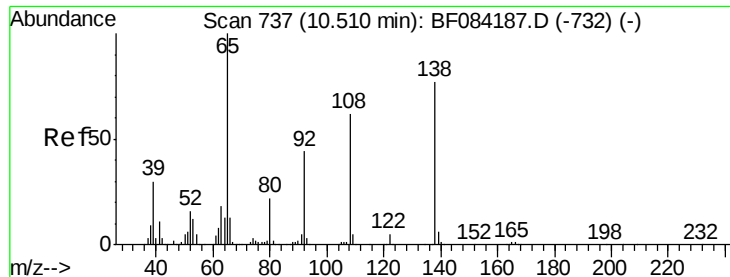


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

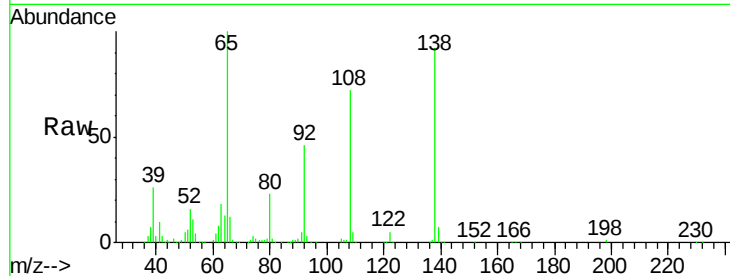




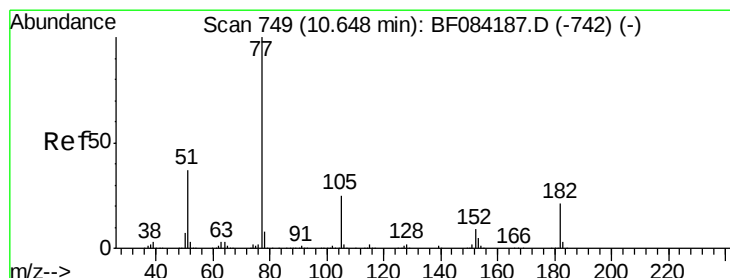
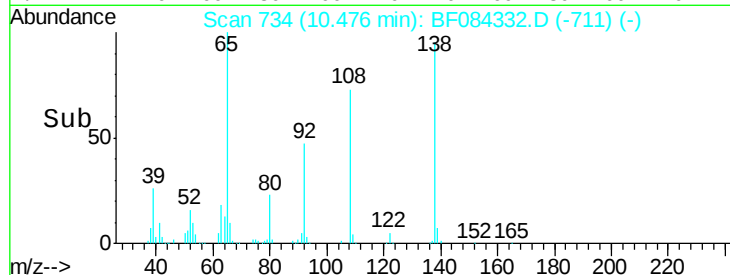
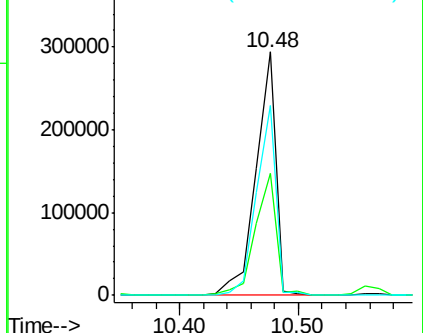
#61
4-Nitroaniline
Concen: 42.13 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion:138 Resp: 345360
Ion Ratio Lower Upper
138 100
92 50.1 32.6 72.6
108 78.1 68.6 108.6

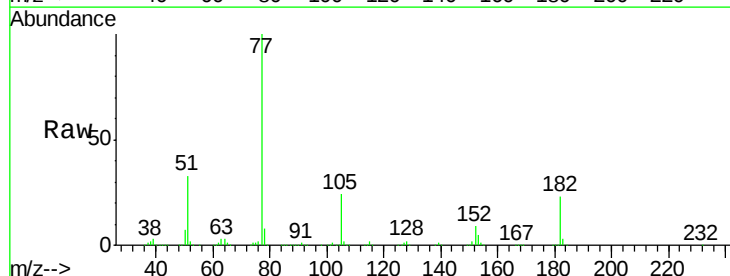


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

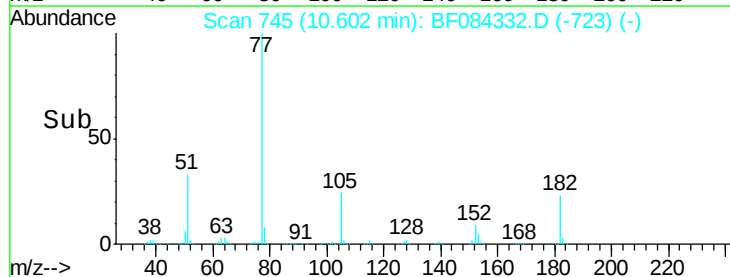
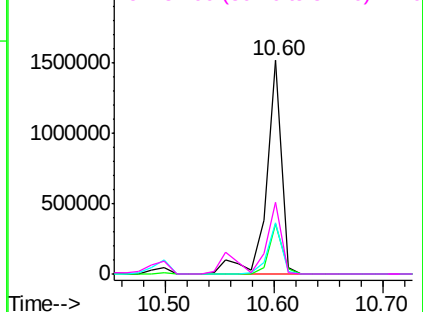


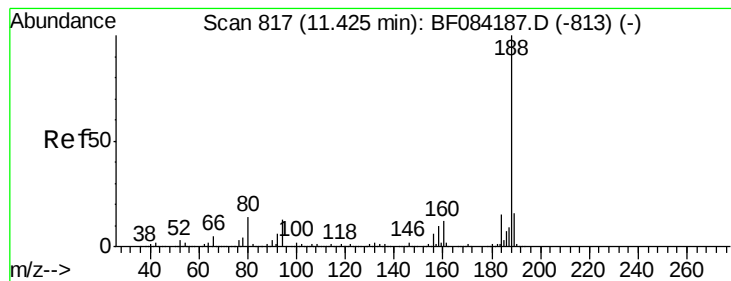
#62
Azobenzene
Concen: 40.55 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion: 77 Resp: 1483761
Ion Ratio Lower Upper
77 100
182 23.2 8.3 48.3
105 24.1 4.6 44.6
51 33.3 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: 11.38 min Scan# 813

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

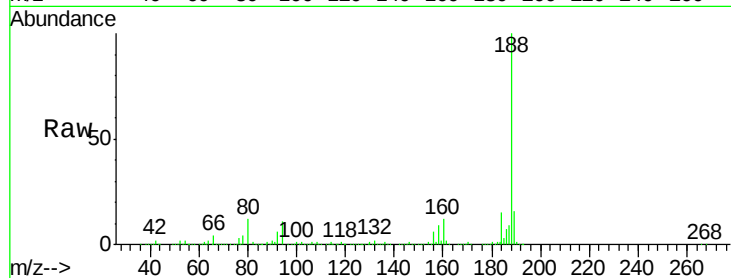
Tgt Ion:188 Resp: 899249

Ion Ratio Lower Upper

188 100

94 11.0 9.0 13.4

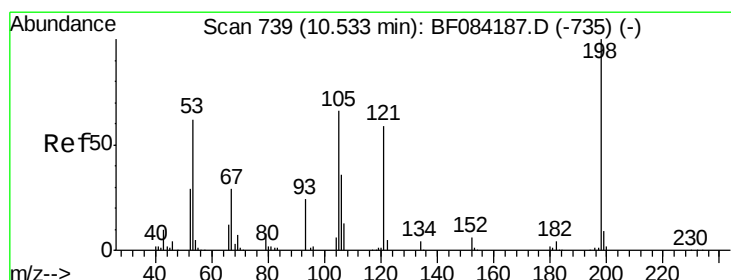
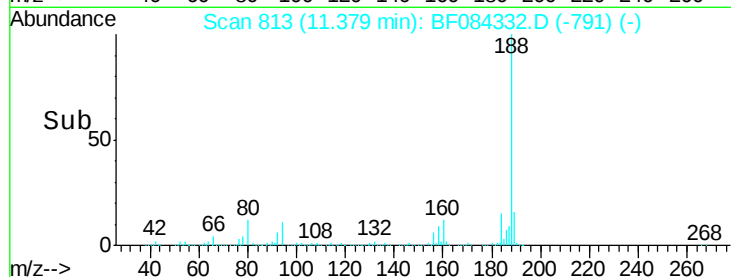
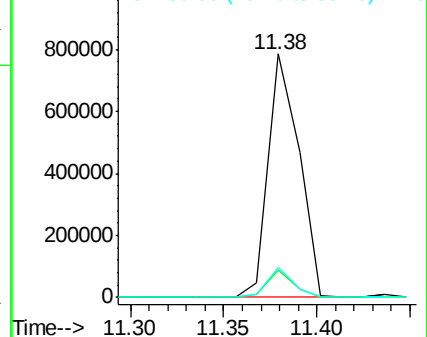
80 12.5 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.51 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

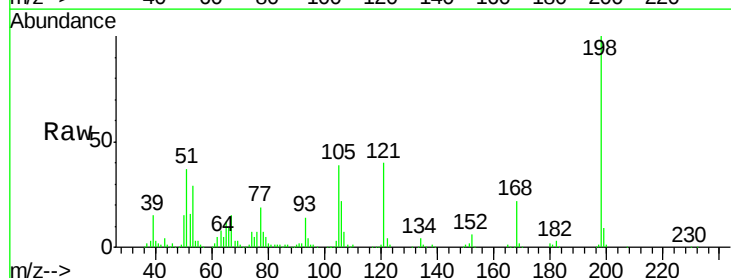
Tgt Ion:198 Resp: 211532

Ion Ratio Lower Upper

198 100

51 37.4 18.9 58.9

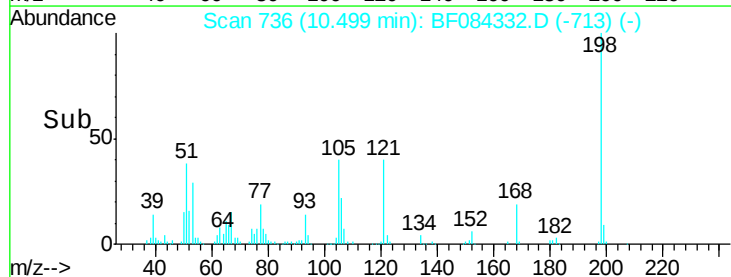
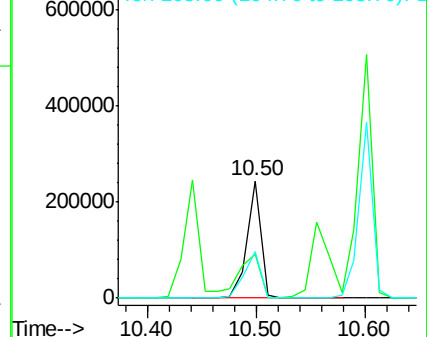
105 39.4 26.4 66.4

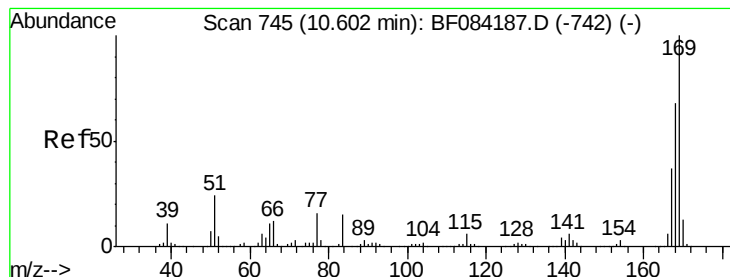


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.88 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.03 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

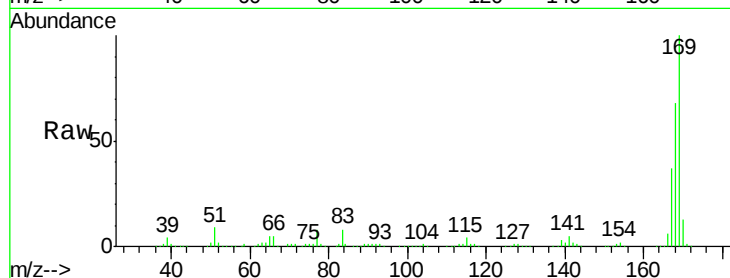
Tgt Ion:169 Resp: 1117809

Ion Ratio Lower Upper

169 100

168 67.6 55.1 82.7

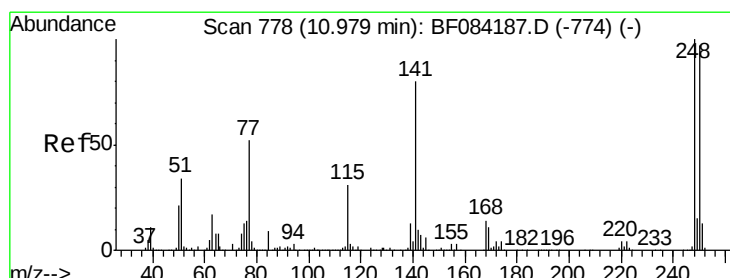
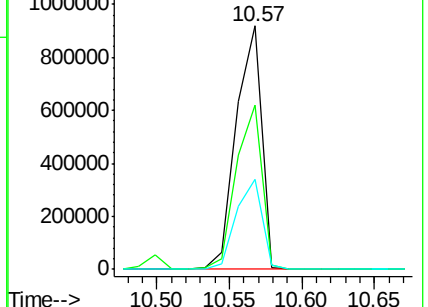
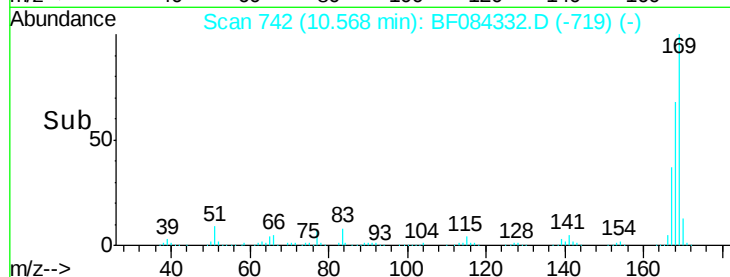
167 37.0 30.0 45.0



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: 40.60 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

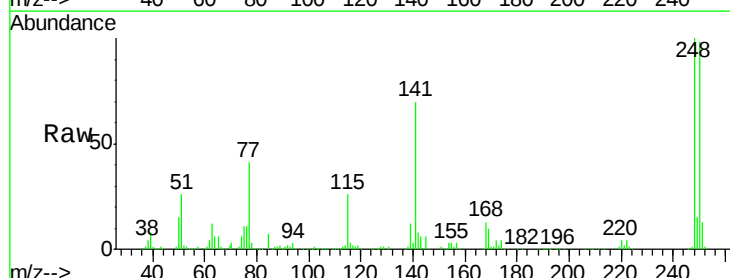
Tgt Ion:248 Resp: 392967

Ion Ratio Lower Upper

248 100

250 97.8 78.4 117.6

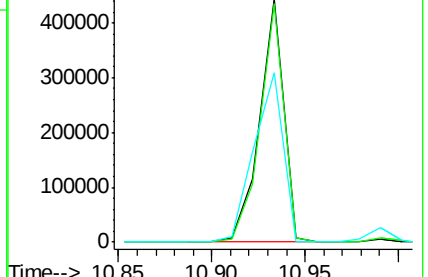
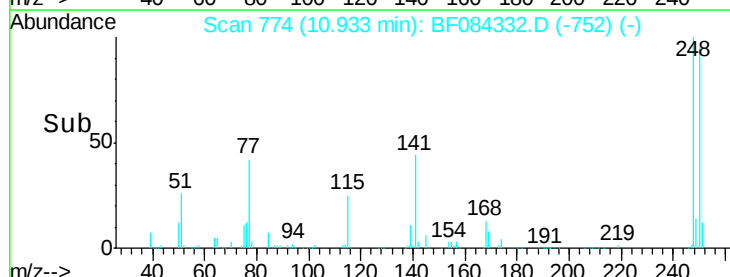
141 69.8 44.0 66.0#

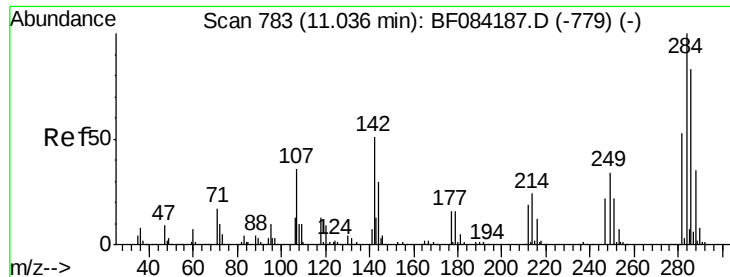


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

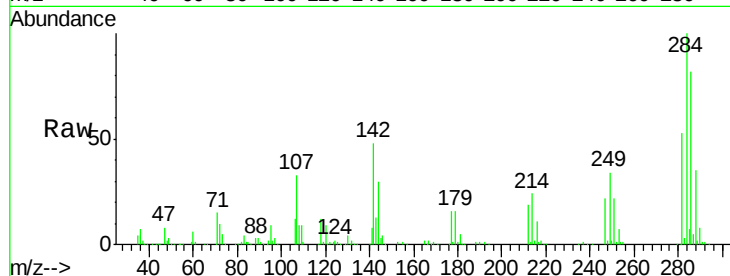




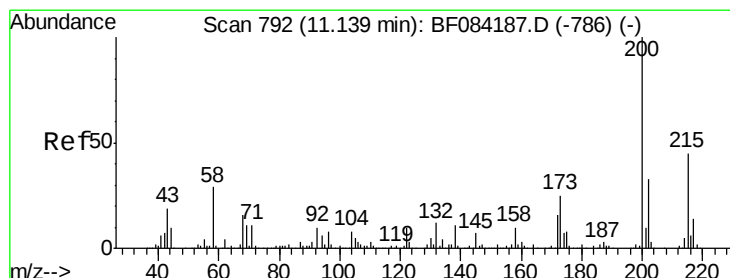
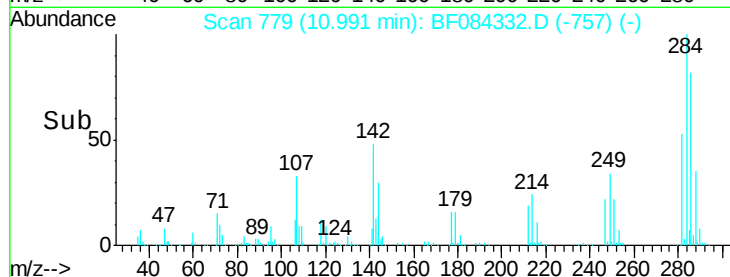
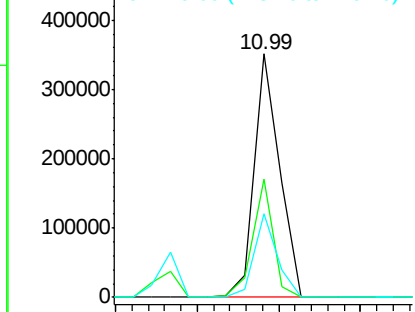
#67
Hexachlorobenzene
Concen: 34.65 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion:284 Resp: 377494
Ion Ratio Lower Upper
284 100
142 48.4 22.2 33.4#
249 34.5 24.6 37.0

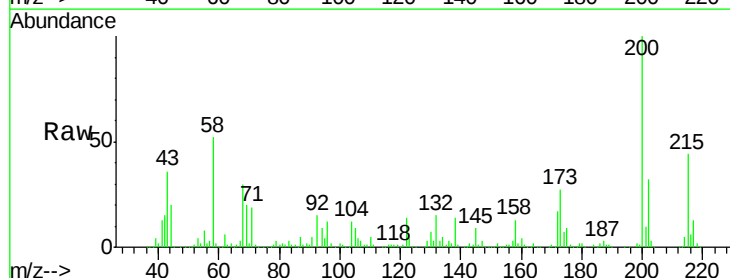


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

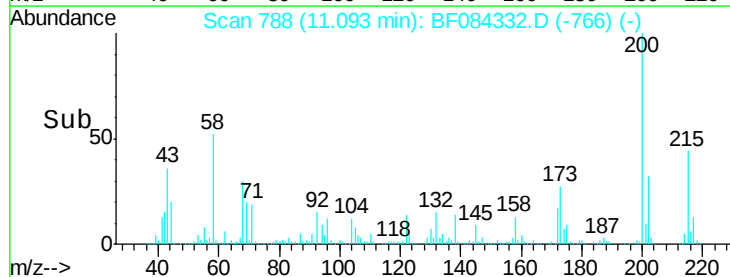
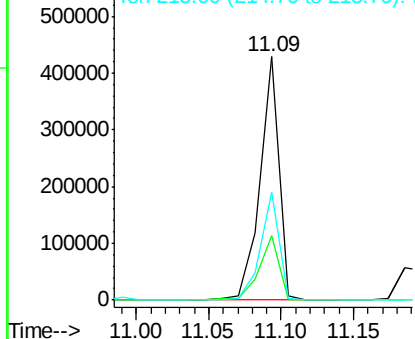


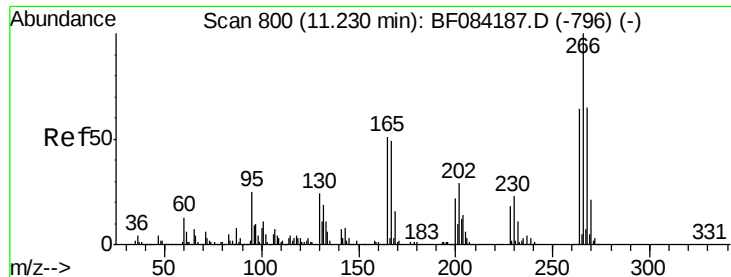
#68
Atrazine
Concen: 41.17 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:200 Resp: 387394
Ion Ratio Lower Upper
200 100
173 26.7 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

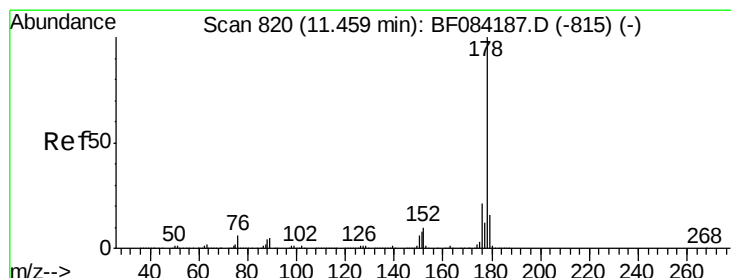
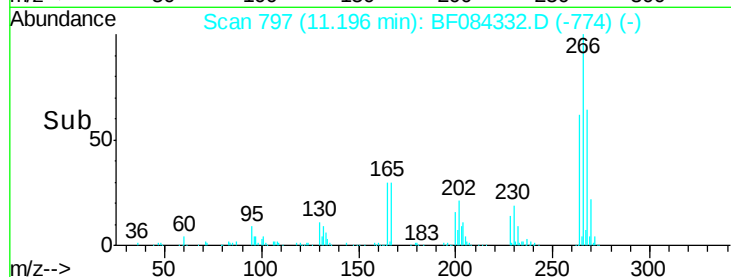
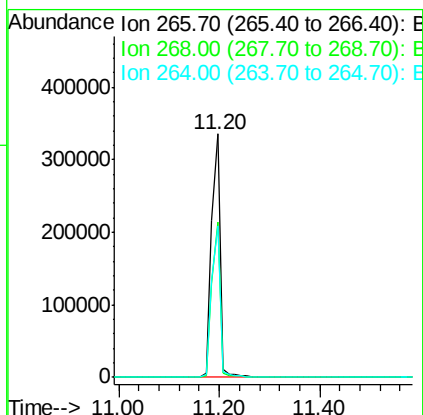
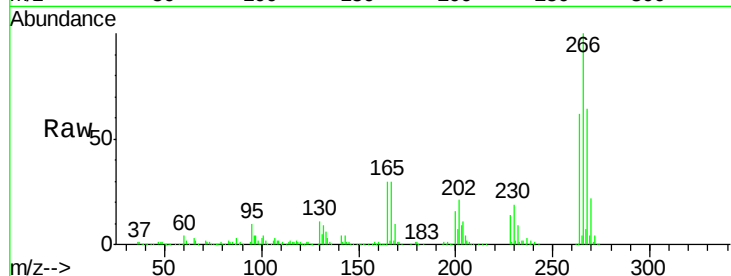




#69
 Pentachlorophenol
 Concen: 72.14 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

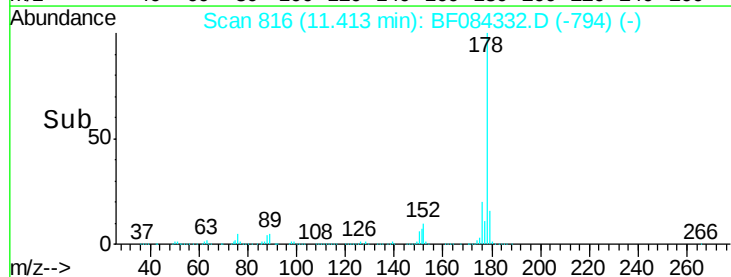
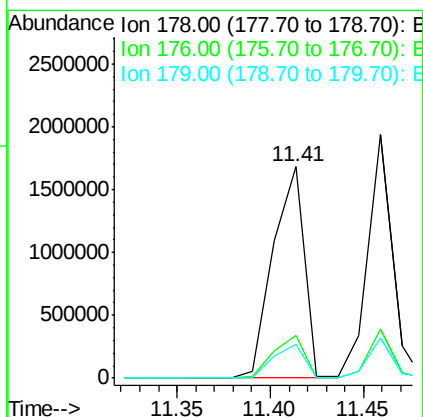
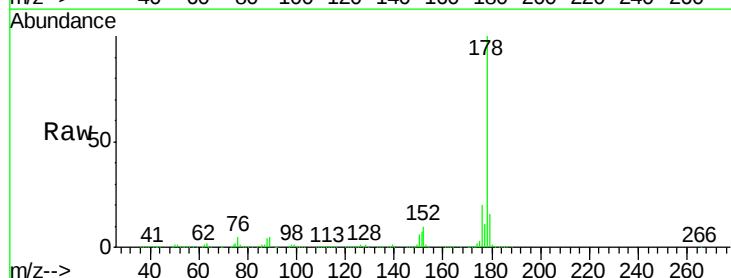
Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

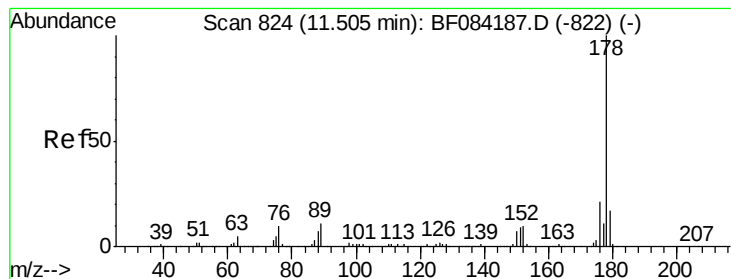
Tgt Ion:266 Resp: 407476
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.4 78.6
 264 62.3 50.2 75.2



#70
 Phenanthrene
 Concen: 41.64 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:178 Resp: 1958766
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.3 22.9
 179 15.9 12.0 18.0





#71

Anthracene

Concen: 37.79 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.04 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

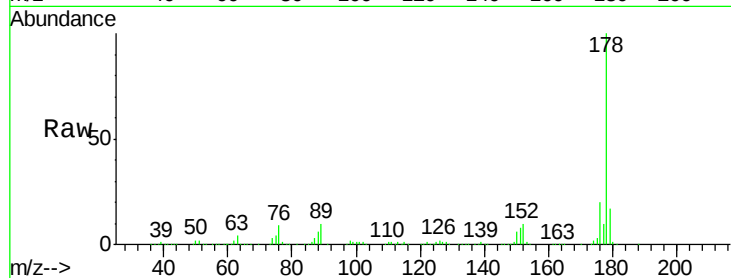
Tgt Ion:178 Resp: 1742378

Ion Ratio Lower Upper

178 100

176 20.2 15.4 23.0

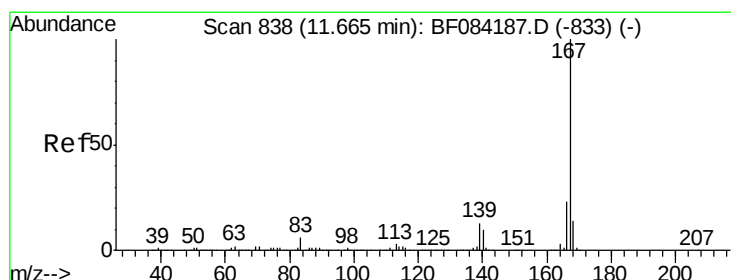
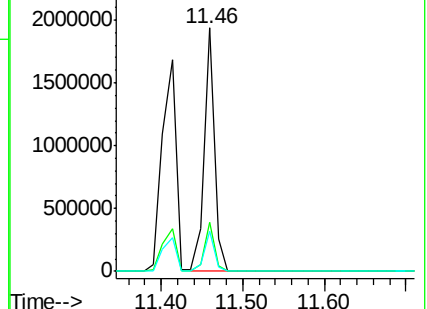
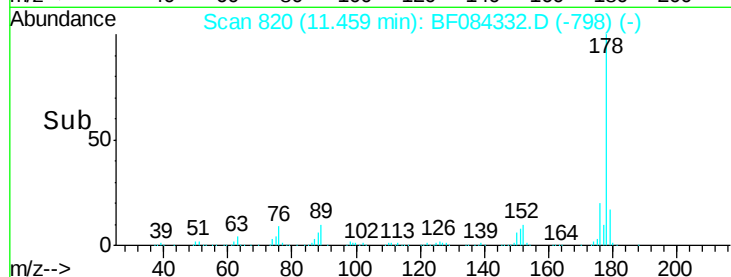
179 16.7 12.5 18.7



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



#72

Carbazole

Concen: 39.00 ng

RT: 11.62 min Scan# 834

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

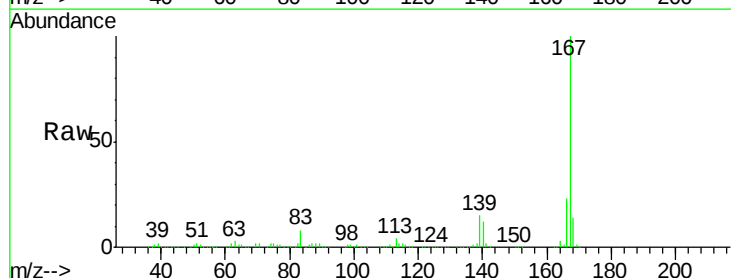
Tgt Ion:167 Resp: 1757968

Ion Ratio Lower Upper

167 100

166 23.4 17.6 26.4

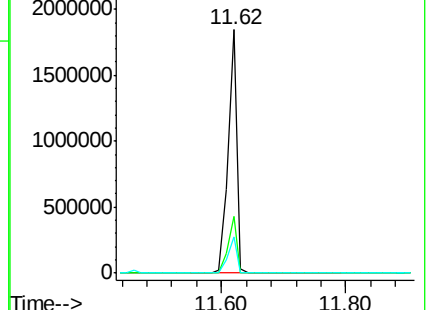
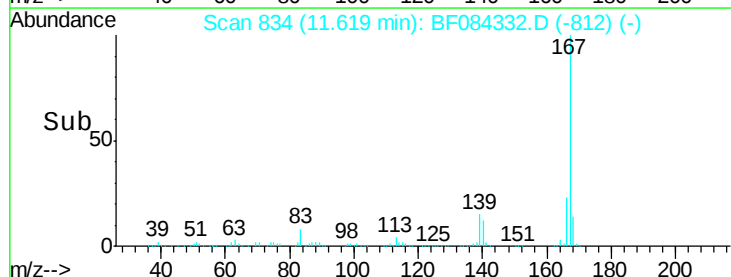
139 14.9 11.8 17.8

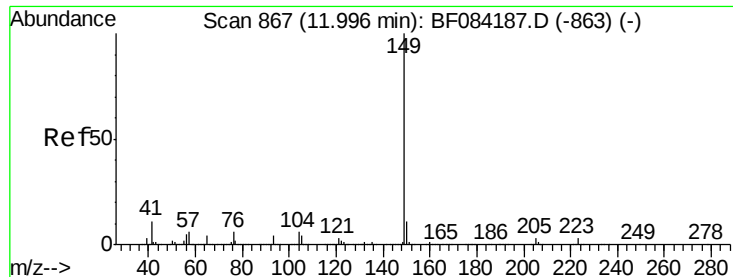


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

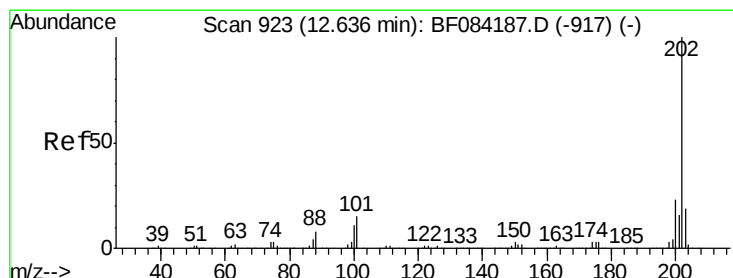
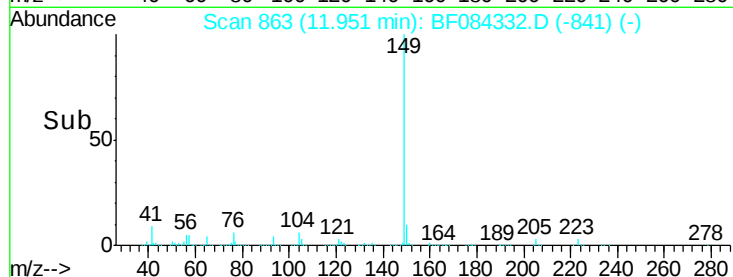
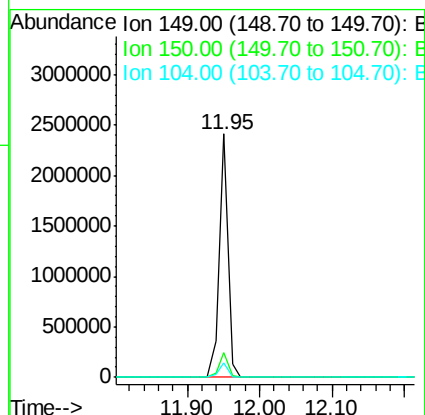
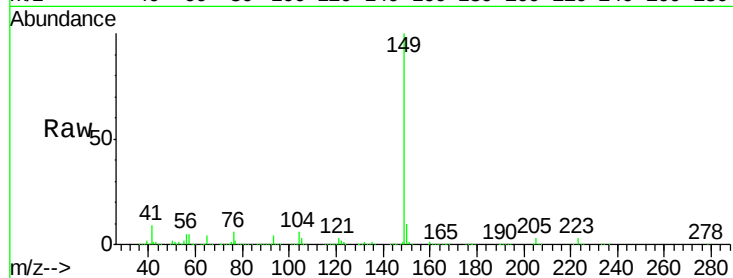




#73
Di-n-butylphthalate
Concen: 40.73 ng
RT: 11.95 min Scan# 863
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

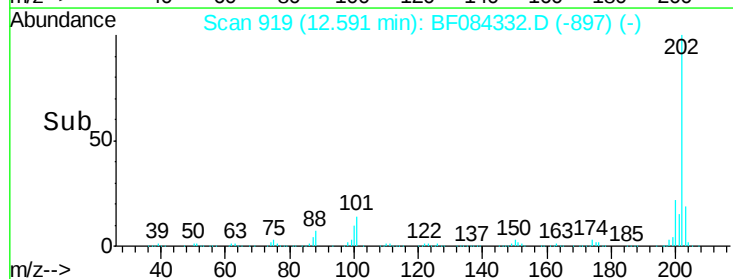
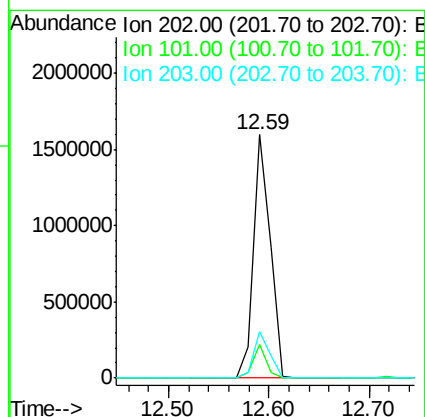
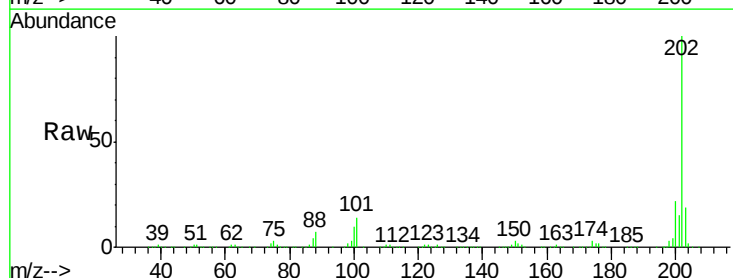
Instrument :
BNA_F
ClientSampleId :
PB87699BS

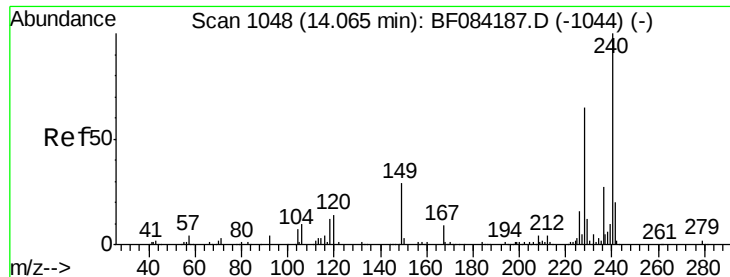
Tgt Ion:149 Resp: 2000455
Ion Ratio Lower Upper
149 100
150 10.1 7.1 10.7
104 6.2 3.2 4.8#



#74
Fluoranthene
Concen: 37.48 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:202 Resp: 1841665
Ion Ratio Lower Upper
202 100
101 13.6 0.0 32.8
203 18.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

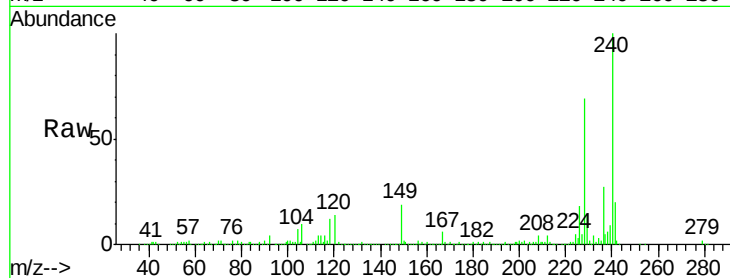
Tgt Ion:240 Resp: 688375

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

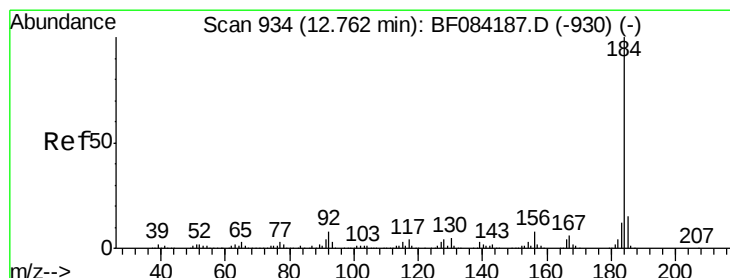
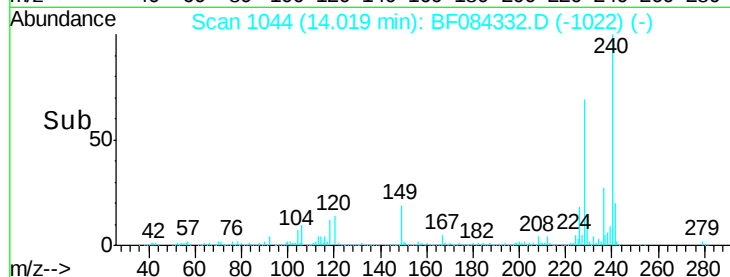
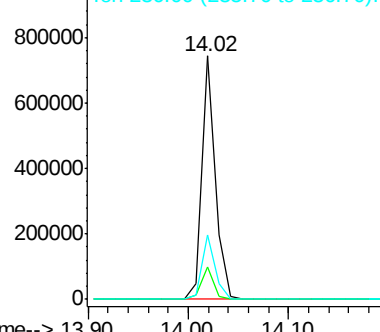
236 26.7 20.6 31.0



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: 27.07 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

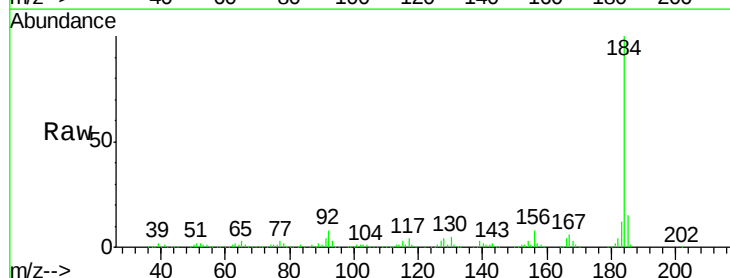
Tgt Ion:184 Resp: 668236

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

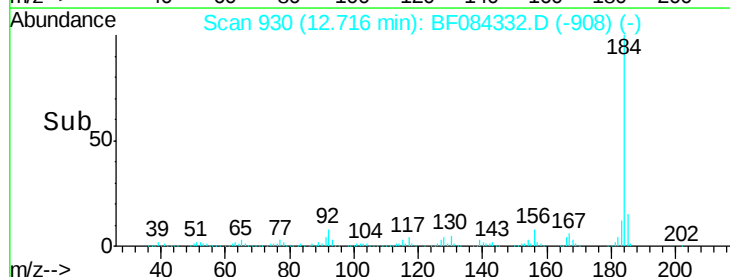
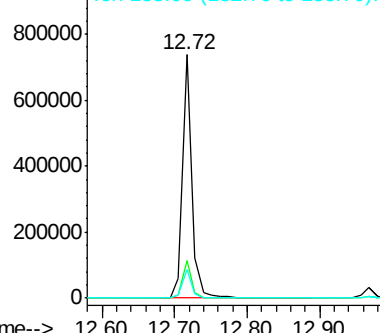
183 11.9 9.8 14.8

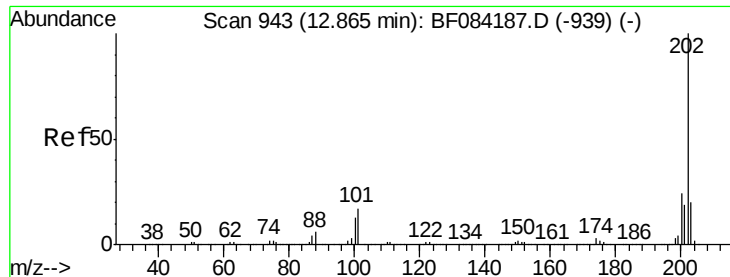


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

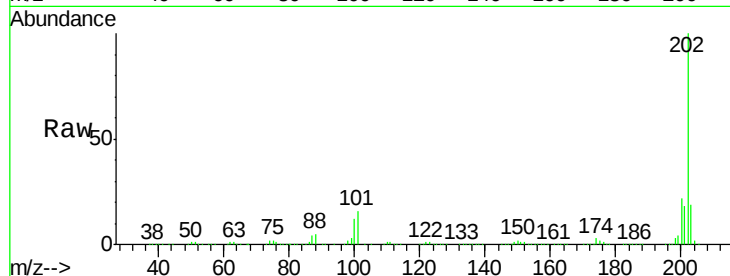




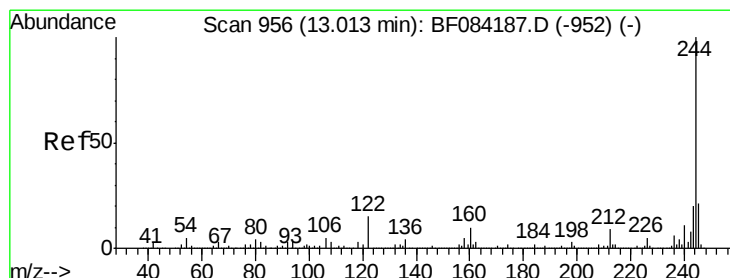
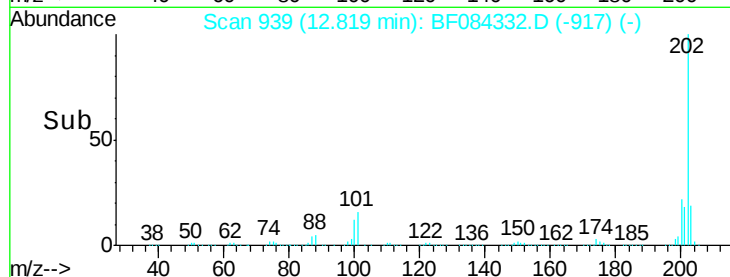
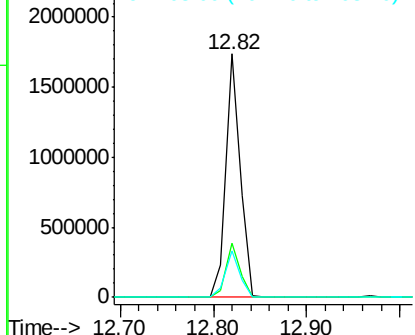
#77
 Pyrene
 Concen: 34.51 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion:202 Resp: 1864194
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.2 25.8
 203 18.8 14.3 21.5

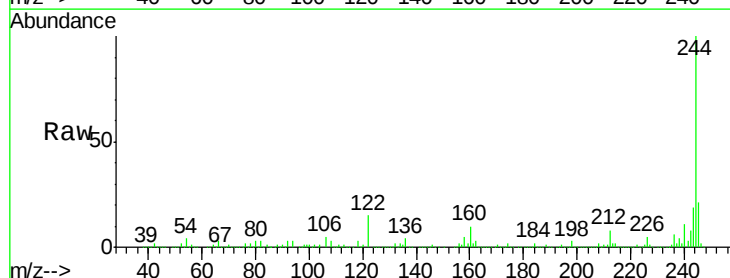


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

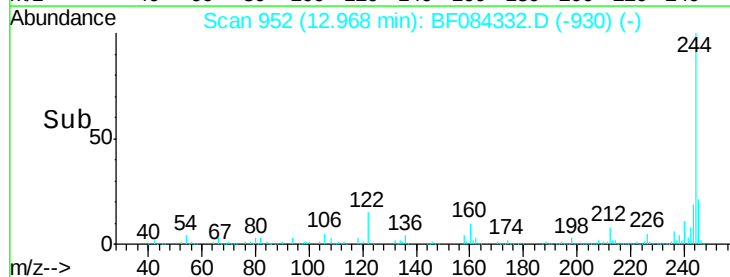
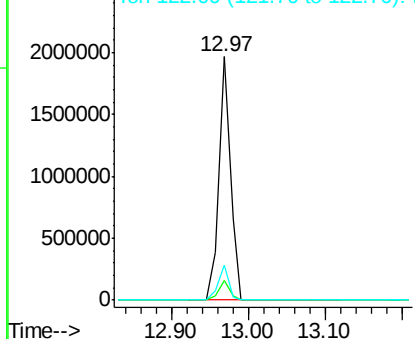


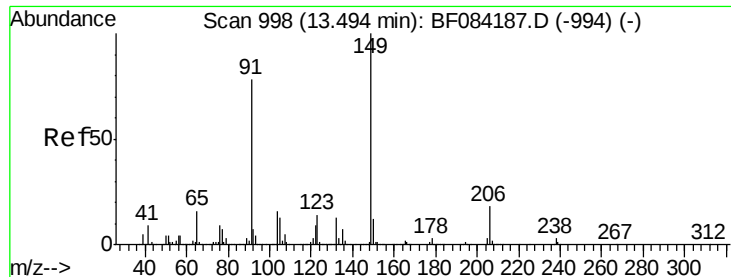
#78
 Terphenyl-d14
 Concen: 67.51 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:244 Resp: 2082033
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.5 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

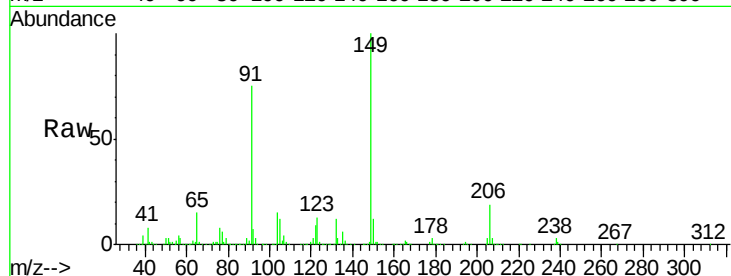




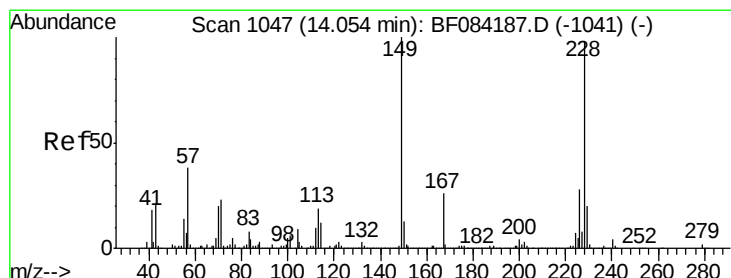
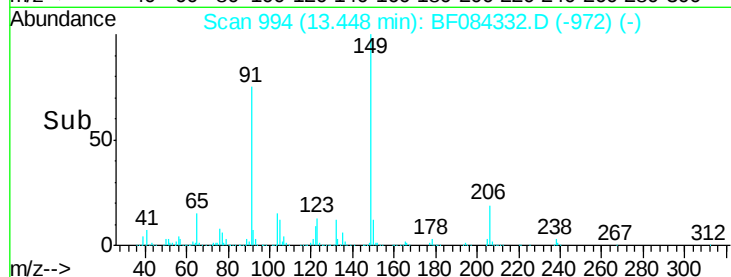
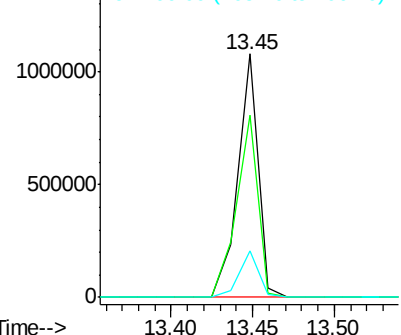
#79
Butylbenzylphthalate
Concen: 40.03 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Instrument :
BNA_F
ClientSampleId :
PB87699BS

Tgt Ion:149 Resp: 935683
Ion Ratio Lower Upper
149 100
91 74.6 57.6 86.4
206 19.2 13.2 19.8

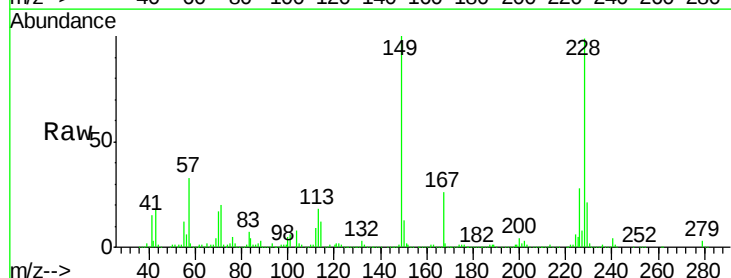


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

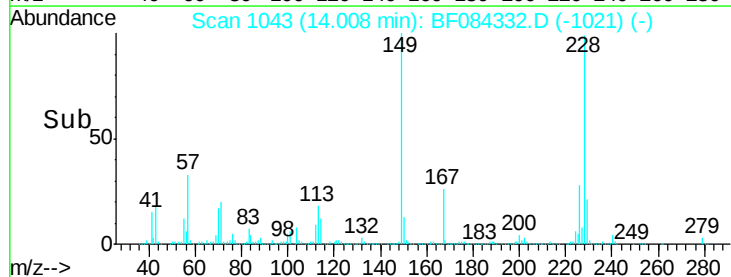
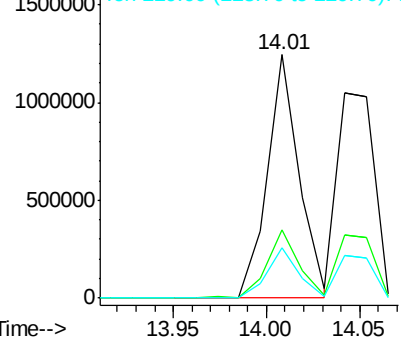


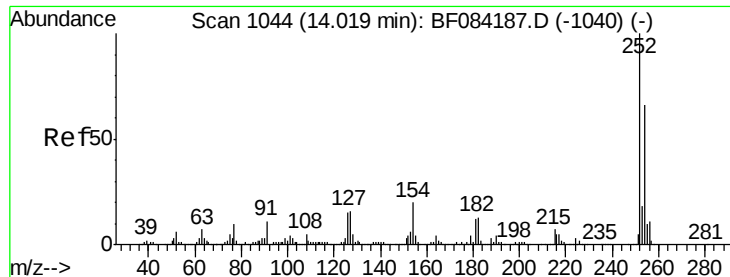
#80
Benzo(a)anthracene
Concen: 36.53 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:228 Resp: 1476713
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 20.9 15.8 23.8



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

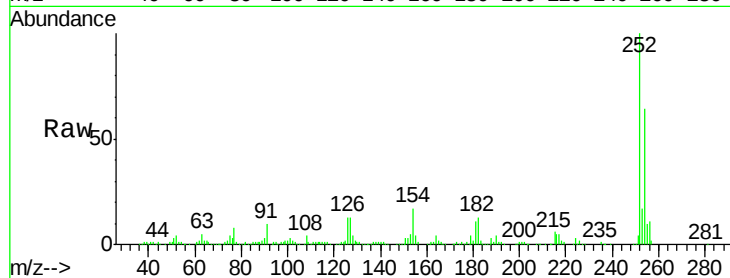




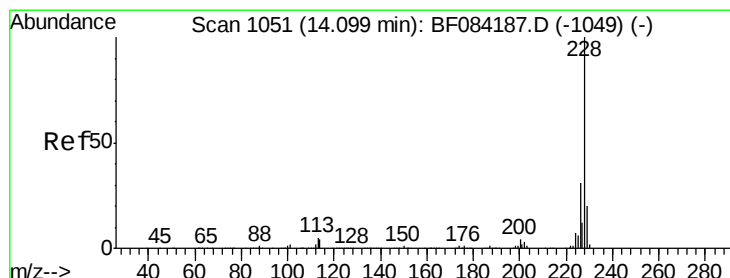
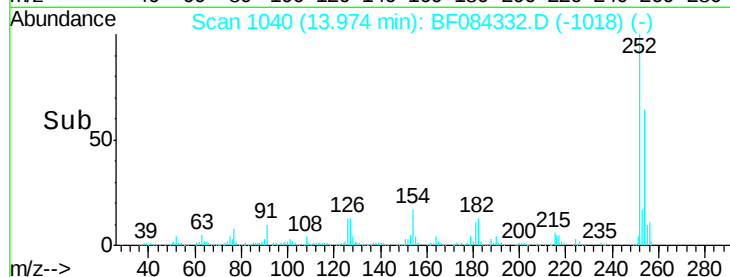
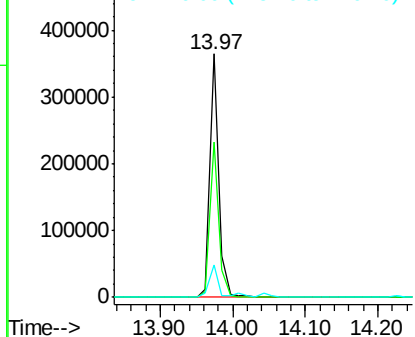
#81
 3,3'-Dichlorobenzidine
 Concen: 22.09 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Instrument :
 BNA_F
 ClientSampleId :
 PB87699BS

Tgt Ion:252 Resp: 311664
 Ion Ratio Lower Upper
 252 100
 254 63.6 53.5 80.3
 126 13.4 4.9 7.3#

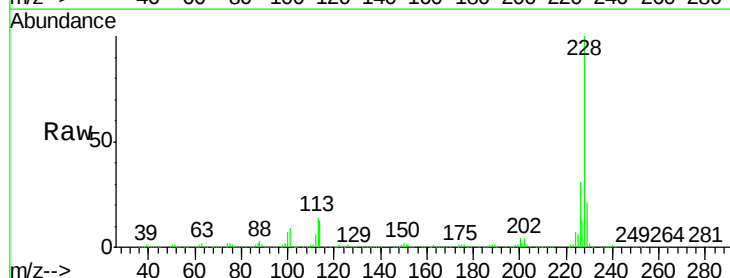


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

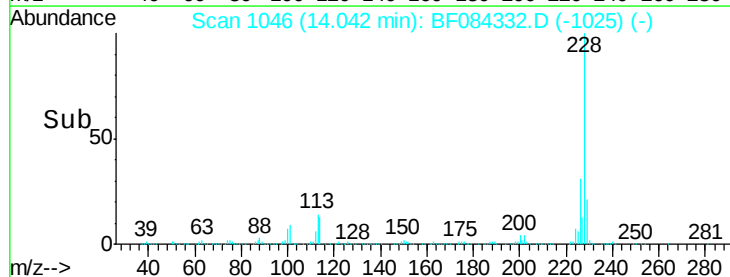
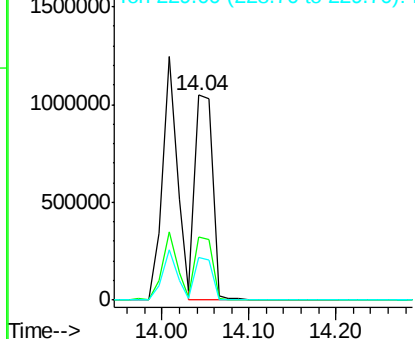


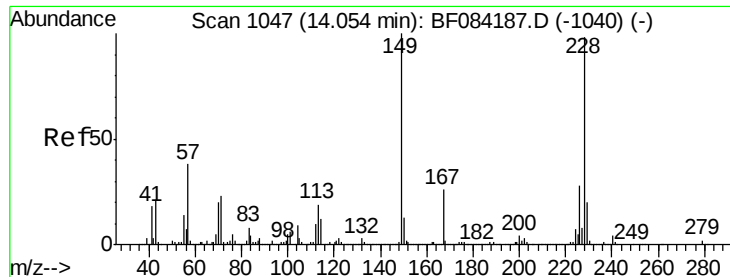
#82
 Chrysene
 Concen: 37.62 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.06 min
 Lab File: BF084332.D
 Acq: 8 Jan 2016 17:14

Tgt Ion:228 Resp: 1461283
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.3 36.5
 229 20.6 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: 37.64 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.05 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

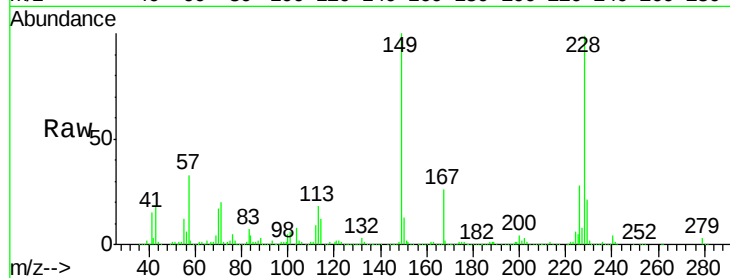
Tgt Ion:149 Resp: 1111652

Ion Ratio Lower Upper

149 100

167 25.6 19.7 29.5

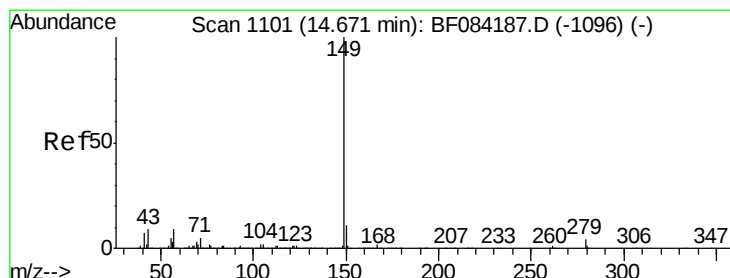
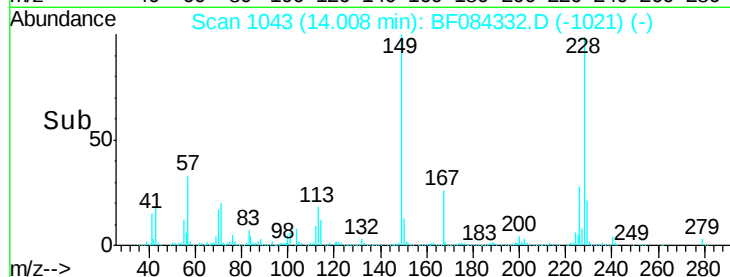
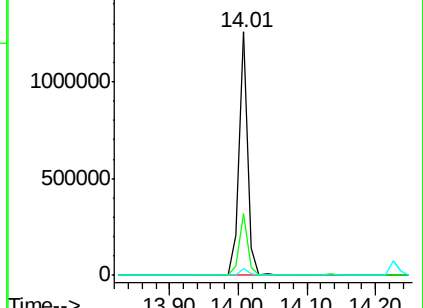
279 2.7 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.85 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

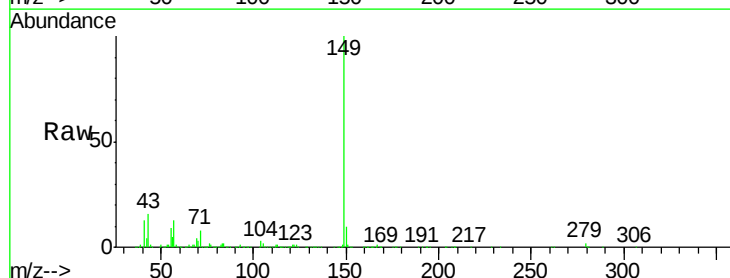
Tgt Ion:149 Resp: 1887264

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

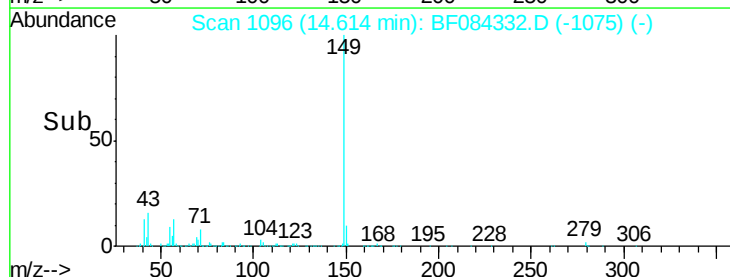
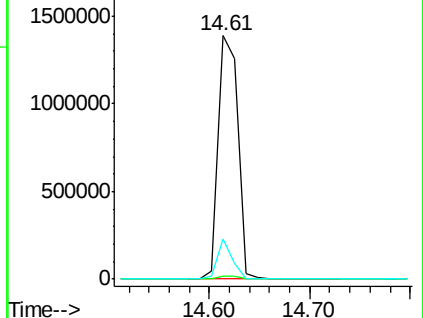
43 12.0 5.6 8.4#

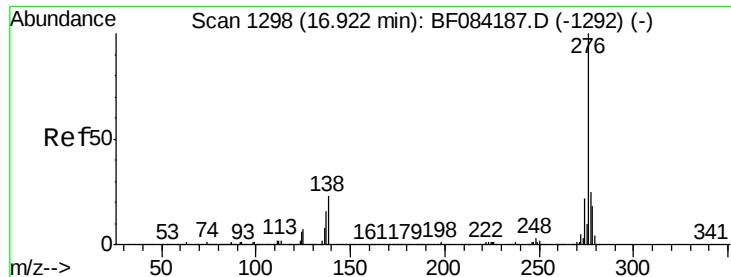


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.32 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.08 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

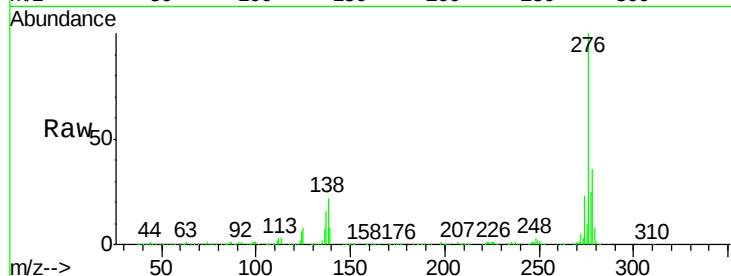
Tgt Ion:276 Resp: 1149168

Ion Ratio Lower Upper

276 100

138 25.6 20.6 30.8

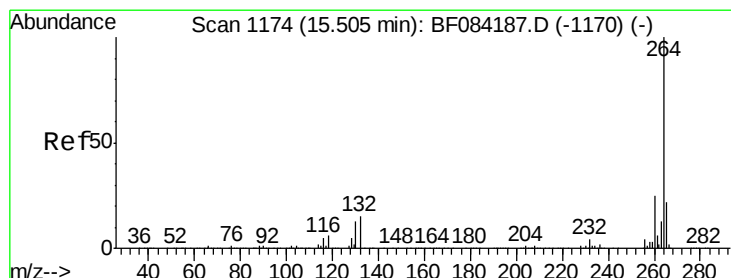
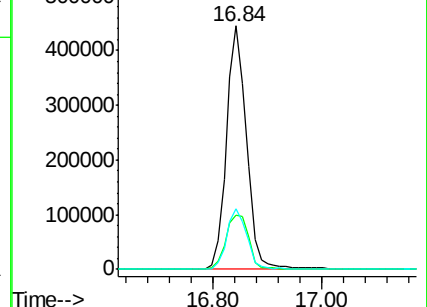
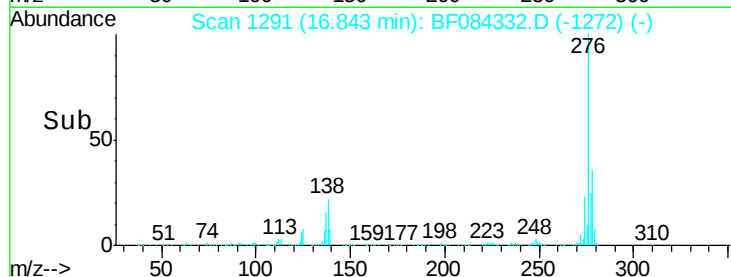
277 25.2 20.1 30.1



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: 15.45 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

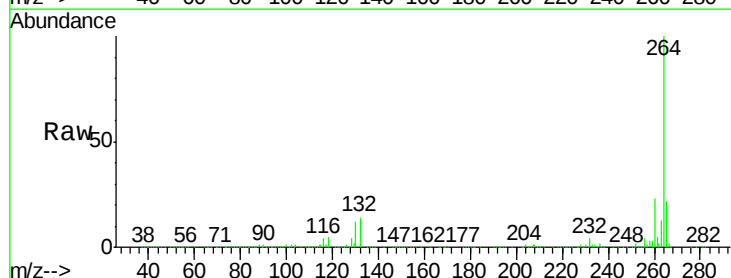
Tgt Ion:264 Resp: 553245

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

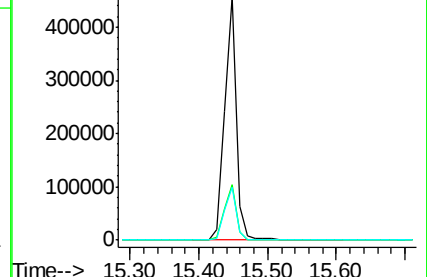
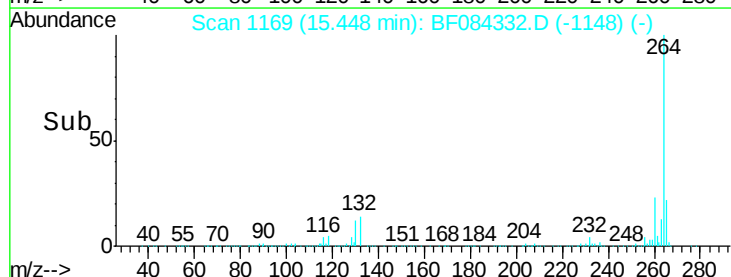
265 21.9 17.8 26.6

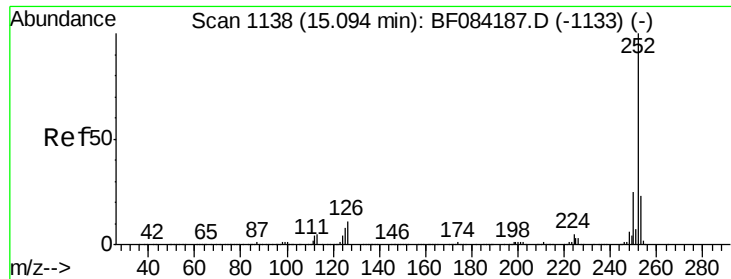


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

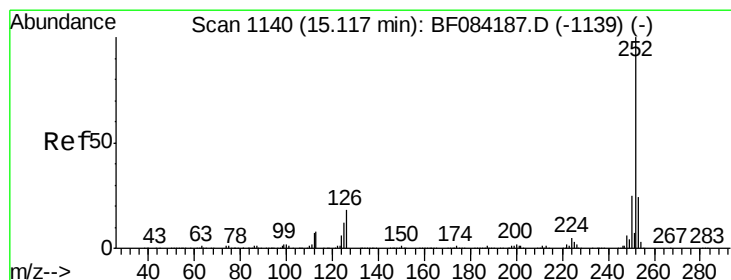
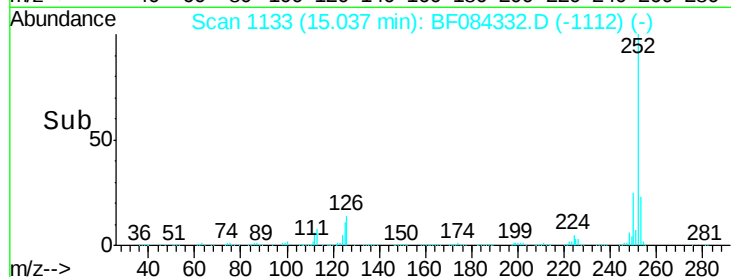
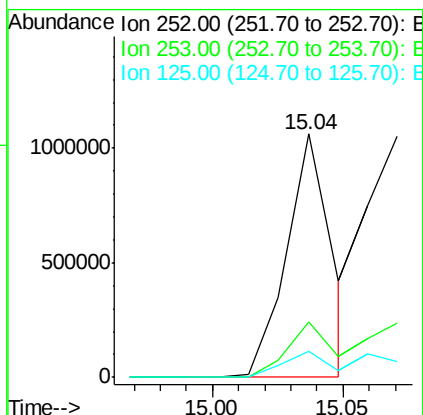
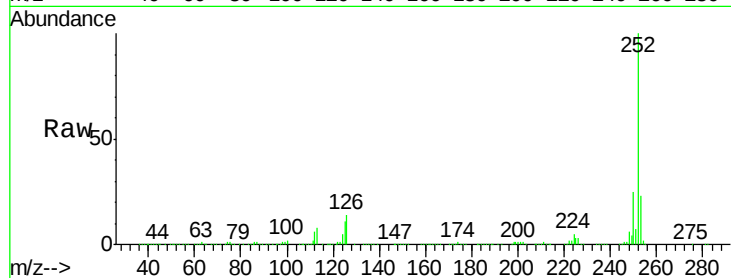




#87
Benzo(b)fluoranthene
Concen: 35.04 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.06 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

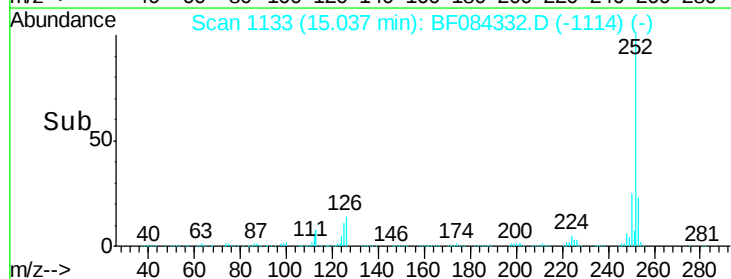
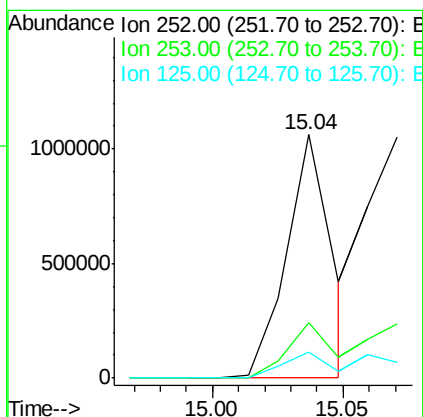
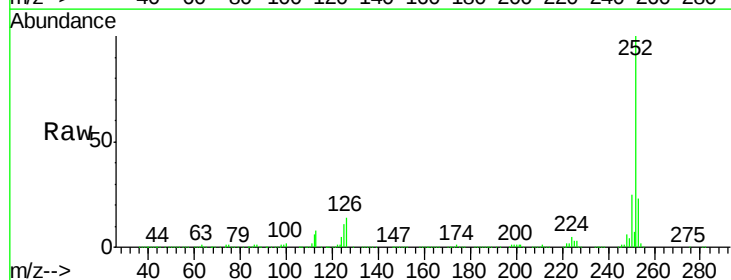
Instrument :
BNA_F
ClientSampleId :
PB87699BS

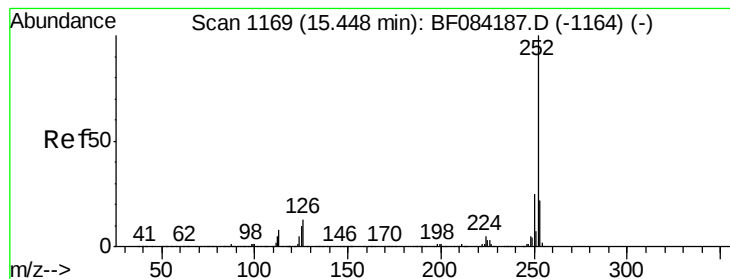
Tgt Ion:252 Resp: 1268093
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 10.8 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 42.84 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.08 min
Lab File: BF084332.D
Acq: 8 Jan 2016 17:14

Tgt Ion:252 Resp: 1268093
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 10.8 9.0 13.6





#89

Benzo(a)pyrene

Concen: 39.50 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

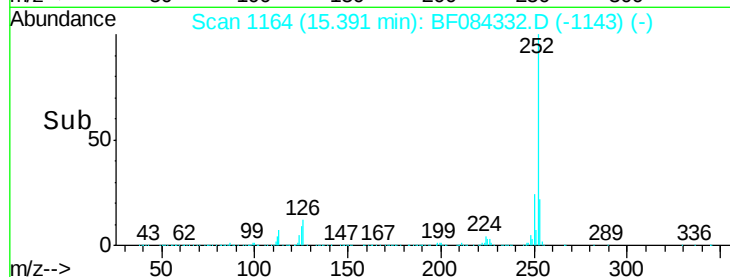
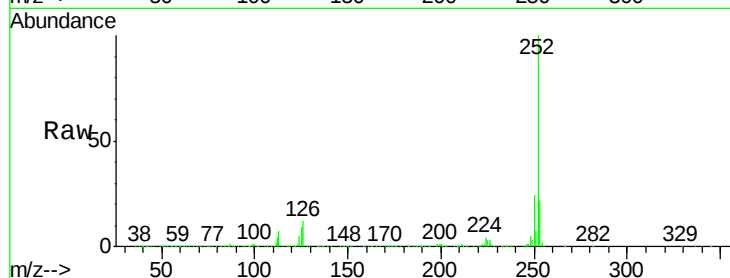
Tgt Ion:252 Resp: 1212514

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

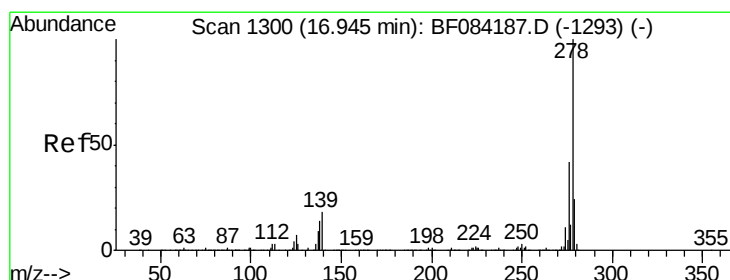
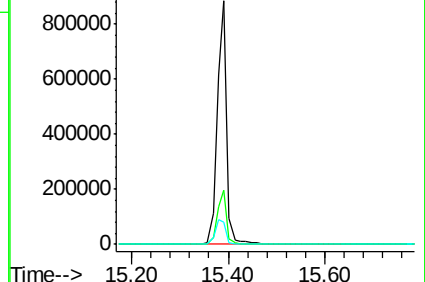
125 8.9 7.0 10.4



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



#90

Dibenzo(a,h)anthracene

Concen: 36.13 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.08 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

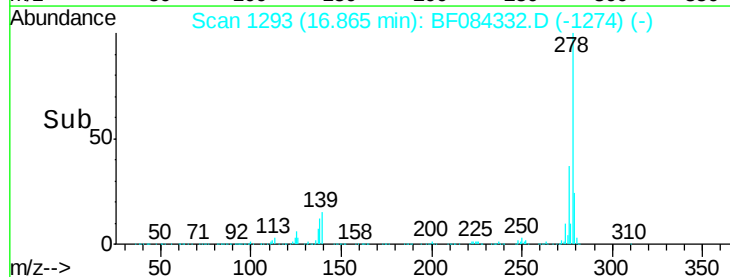
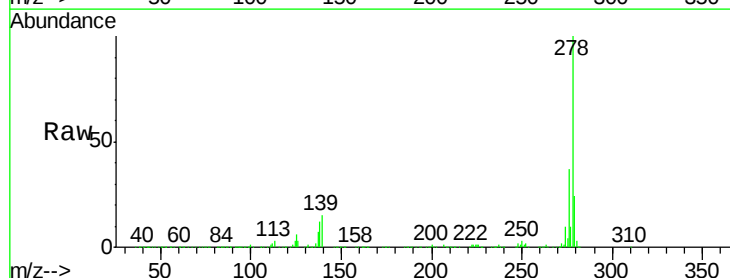
Tgt Ion:278 Resp: 954437

Ion Ratio Lower Upper

278 100

139 14.5 15.0 22.4#

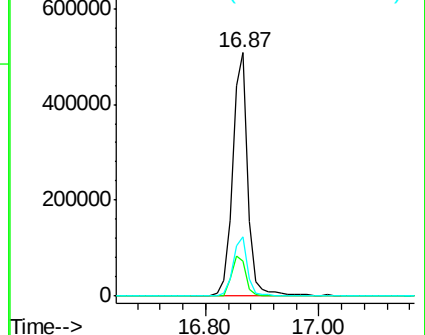
279 24.4 18.9 28.3

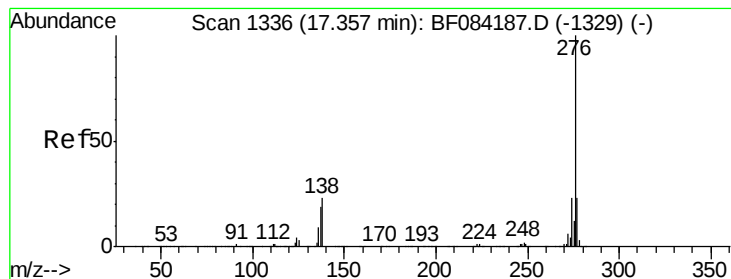


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.51 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.09 min

Lab File: BF084332.D

Acq: 8 Jan 2016 17:14

Instrument :

BNA_F

ClientSampleId :

PB87699BS

Tgt Ion: 276 Resp: 971454

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 21.3 17.8 26.6

