

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084242.D
 Acq On : 4 Jan 2016 16:45
 Operator : UM/SJ
 Sample : G4981-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Quant Time: Jan 05 05:48:28 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	6.89	152	305220	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1177598	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	518389	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	766928	20.00	ng	0.00
75) Chrysene-d12	14.07	240	516085	20.00	ng	0.00
86) Perylene-d12	15.51	264	592476	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1023859	54.26	ng	0.01
7) Phenol-d6	6.53	99	867689	36.61	ng	0.00
23) Nitrobenzene-d5	7.46	82	1694785	80.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	557592	106.54	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2550679	86.68	ng	0.00
78) Terphenyl-d14	13.01	244	1617611	69.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	116295	13.01	ng	# 68
3) Pyridine	3.33	79	298964	12.00	ng	# 70
4) n-Nitrosodimethylamine	3.23	42	208394	16.29	ng	80
6) Aniline	6.58	93	493065	14.22	ng	# 81
8) 2-Chlorophenol	6.68	128	653574	30.53	ng	90
9) Benzaldehyde	6.44	77	128334	8.32	ng	# 25
10) Phenol	6.56	94	369331	13.71	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	774864	37.12	ng	# 79
12) 1,3-Dichlorobenzene	7.07	146	709177	32.11	ng	99
13) 1,4-Dichlorobenzene	6.91	146	770096	34.77	ng	96
14) 1,2-Dichlorobenzene	7.07	146	709295	33.44	ng	95
15) Benzyl Alcohol	7.05	79	493188	24.74	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1375672	36.19	ng	94
17) 2-Methylphenol	7.16	107	434328	24.21	ng	# 88
18) Hexachloroethane	7.40	117	362713	40.96	ng	# 86
19) n-Nitroso-di-n-propylamine	7.32	70	647344	40.35	ng	# 82
20) 3+4-Methylphenols	7.32	107	506031	23.99	ng	88
22) Acetophenone	7.31	105	1303400	46.03	ng	99
24) Nitrobenzene	7.48	77	919006	42.82	ng	96
25) Isophorone	7.72	82	1591428	39.33	ng	96
26) 2-Nitrophenol	7.80	139	421570	43.16	ng	97
27) 2,4-Dimethylphenol	7.85	122	675507	34.17	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	1055655	42.71	ng	93
29) 2,4-Dichlorophenol	8.04	162	576297	35.00	ng	93
30) 1,2,4-Trichlorobenzene	8.12	180	657223	38.66	ng	96
31) Naphthalene	8.20	128	2126746	39.81	ng	98
32) Benzoic acid	7.97	122	178858	18.48	ng	94
33) 4-Chloroaniline	8.26	127	154600	6.31	ng	97
34) Hexachlorobutadiene	8.33	225	377087	38.59	ng	98
36) 4-Chloro-3-methylphenol	8.75	107	604321	32.76	ng	92
37) 2-Methylnaphthalene	8.90	142	1539962	40.15	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	563501	37.81	ng	# 96
40) Hexachlorocyclopentadiene	9.05	237	604530	67.20	ng	97
42) 2,4,6-Trichlorophenol	9.18	196	406896	36.49	ng	92

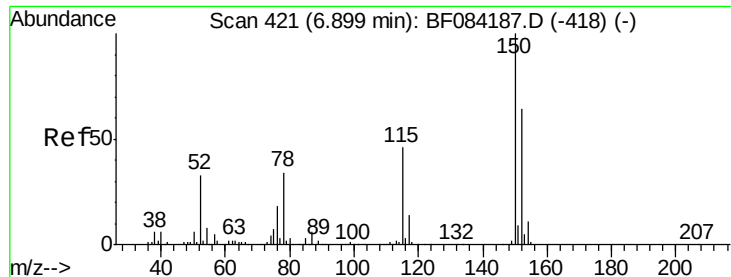
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010416\
 Data File : BF084242.D
 Acq On : 4 Jan 2016 16:45
 Operator : UM/SJ
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Quant Time: Jan 05 05:48:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	382276	35.77	ng	# 86
45) 1,1'-Biphenyl	9.37	154	1762341	42.78	ng	96
46) 2-Chloronaphthalene	9.39	162	1366840	42.24	ng	91
47) 2-Nitroaniline	9.48	65	427871	40.06	ng	90
48) Acenaphthylene	9.80	152	1797247	37.59	ng	# 96
49) Dimethylphthalate	9.68	163	1638230	44.21	ng	# 91
50) 2,6-Dinitrotoluene	9.73	165	357601	44.00	ng	97
51) Acenaphthene	9.97	154	1334823	41.62	ng	98
52) 3-Nitroaniline	9.90	138	106094	10.53	ng	# 75
53) 2,4-Dinitrophenol	10.00	184	225843	65.88	ng	# 69
54) Dibenzofuran	10.14	168	1583787	37.64	ng	# 88
55) 4-Nitrophenol	10.09	139	171429	23.45	ng	# 40
56) 2,4-Dinitrotoluene	10.13	165	457961	44.52	ng	# 73
57) Fluorene	10.49	166	1218953	37.56	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	314197	34.43	ng	# 94
59) Diethylphthalate	10.37	149	1446103	39.58	ng	94
60) 4-Chlorophenyl-phenylether	10.49	204	617274	45.66	ng	# 85
61) 4-Nitroaniline	10.51	138	122195	13.61	ng	91
62) Azobenzene	10.64	77	1507099	37.61	ng	84
64) 4,6-Dinitro-2-methylphenol	10.53	198	172589	36.88	ng	# 71
65) n-Nitrosodiphenylamine	10.60	169	1057276	43.12	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	377555	45.74	ng	# 65
67) Hexachlorobenzene	11.04	284	436801	47.01	ng	97
68) Atrazine	11.17	200	192162	23.95	ng	98
69) Pentachlorophenol	11.24	266	387566	80.45	ng	98
70) Phenanthrene	11.45	178	1675367	41.76	ng	96
71) Anthracene	11.50	178	1784236	45.37	ng	98
72) Carbazole	11.66	167	1264789	32.90	ng	98
73) Di-n-butylphthalate	12.00	149	1740976	41.84	ng	# 96
74) Fluoranthene	12.64	202	1422932	33.95	ng	98
77) Pyrene	12.86	202	1385150	34.20	ng	99
79) Butylbenzylphthalate	13.49	149	617398	35.23	ng	88
80) Benzo(a)anthracene	14.05	228	1192777	39.36	ng	98
82) Chrysene	14.09	228	1130455	38.82	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	845406	38.18	ng	# 97
84) Di-n-octyl phthalate	14.66	149	1599838	42.80	ng	# 87
85) Indeno(1,2,3-cd)pyrene	16.95	276	1748242	75.74	ng	99
87) Benzo(b)fluoranthene	15.09	252	1355497	34.97	ng	# 95
88) Benzo(k)fluoranthene	15.09	252	1355497	42.76	ng	99
89) Benzo(a)pyrene	15.45	252	1357623	41.30	ng	# 94
90) Dibenzo(a,h)anthracene	16.96	278	1441366	50.95	ng	99
91) Benzo(g,h,i)perylene	17.38	276	1485635	50.72	ng	97

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

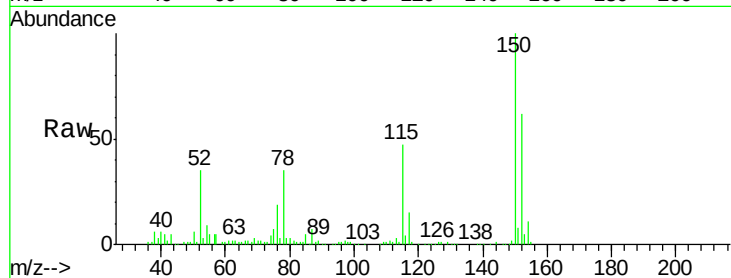


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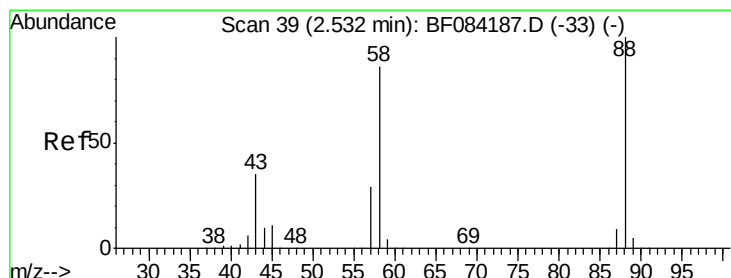
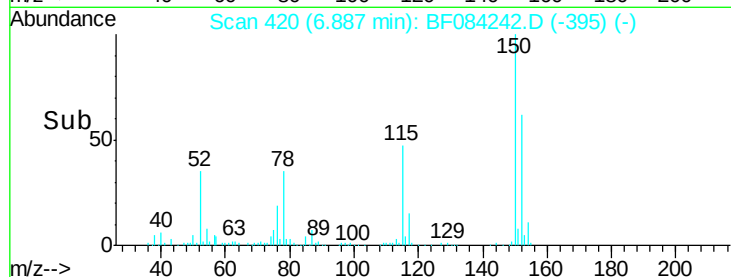
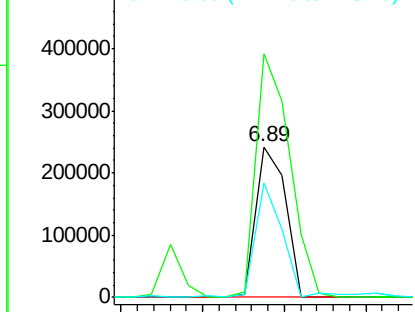
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:152 Resp: 305220
Ion Ratio Lower Upper
152 100
150 162.0 123.0 184.4
115 76.5 51.4 77.2



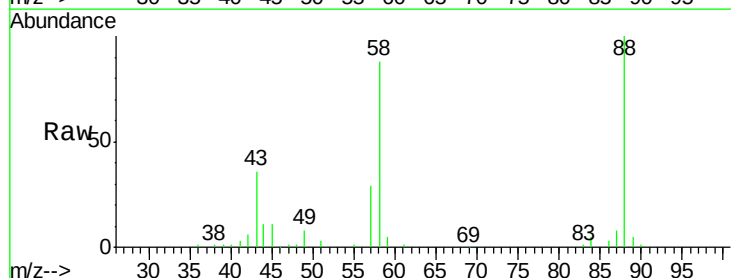
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



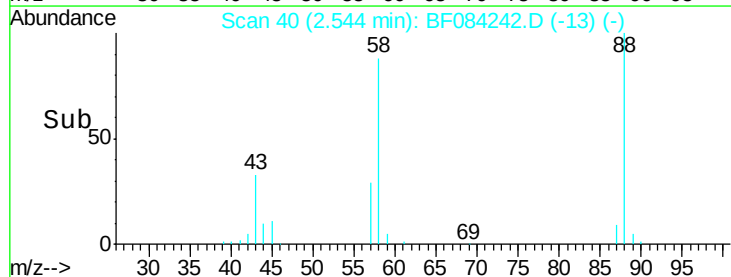
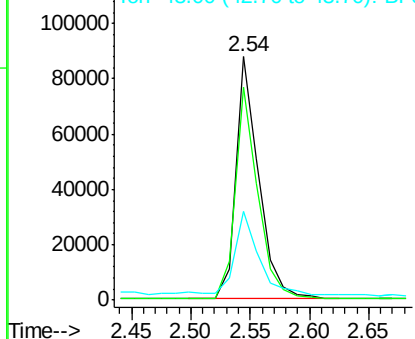
#2

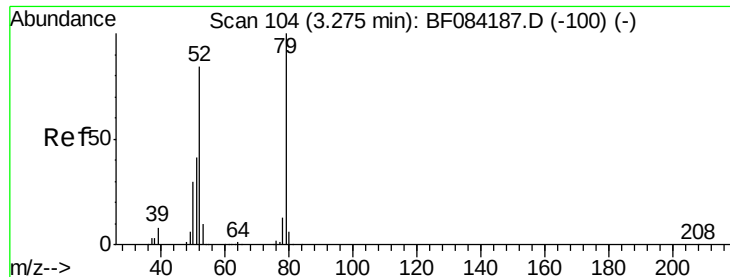
1,4-Dioxane
Concen: 13.01 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion: 88 Resp: 116295
Ion Ratio Lower Upper
88 100
58 88.6 51.2 76.8#
43 40.8 19.5 29.3#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 12.00 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.06 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

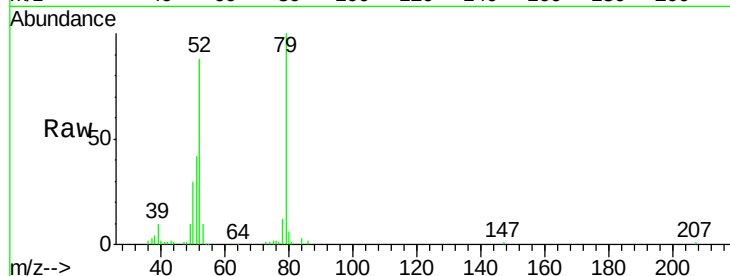
Tgt Ion: 79 Resp: 298964

Ion Ratio Lower Upper

79 100

52 88.2 49.0 73.4#

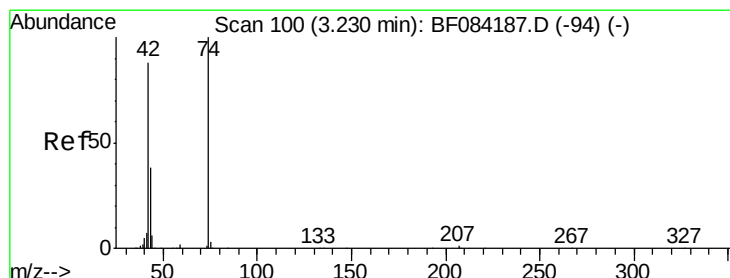
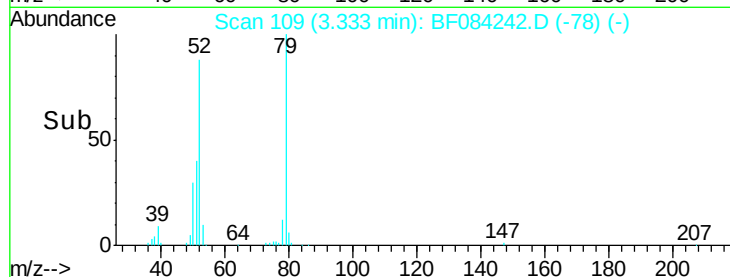
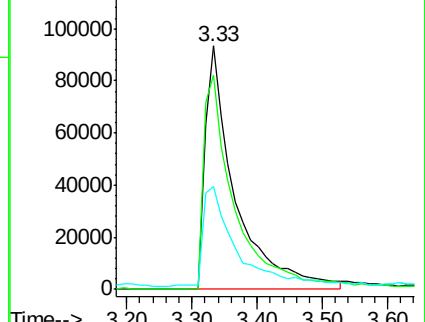
51 42.3 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 16.29 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

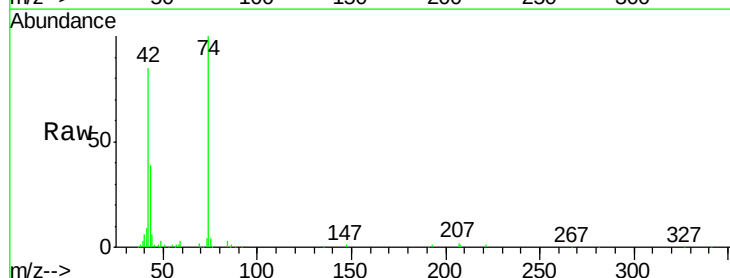
Tgt Ion: 42 Resp: 208394

Ion Ratio Lower Upper

42 100

74 118.2 115.7 173.5

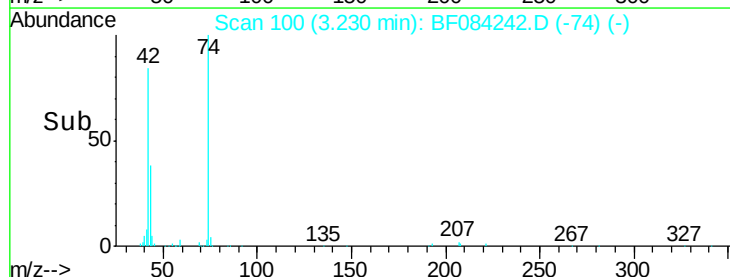
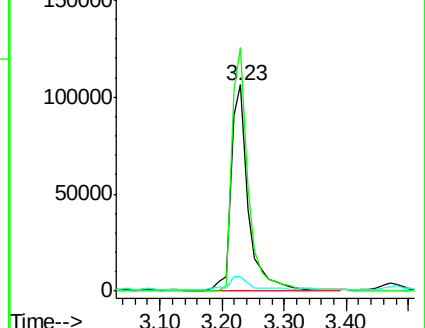
44 7.2 5.1 7.7

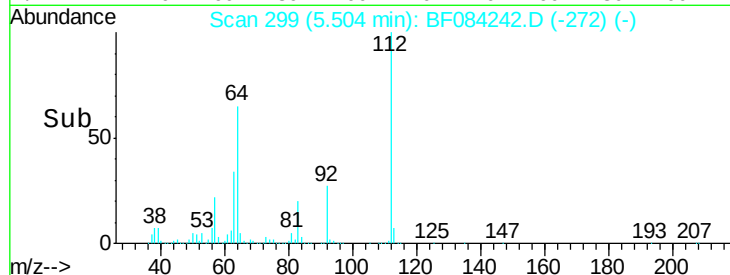
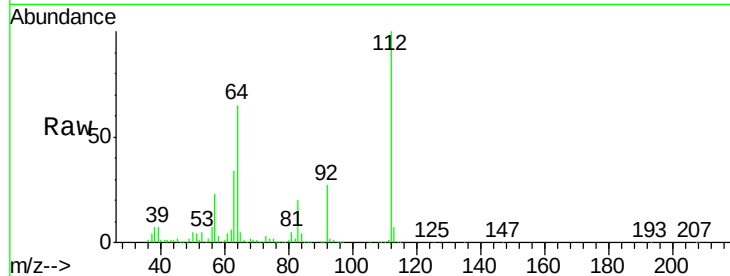
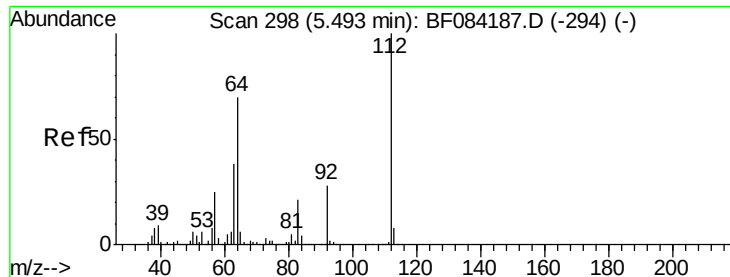


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 54.26 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

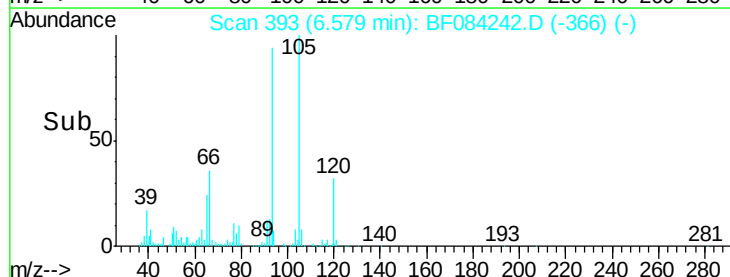
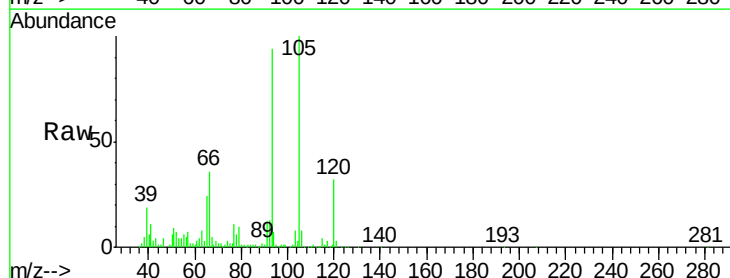
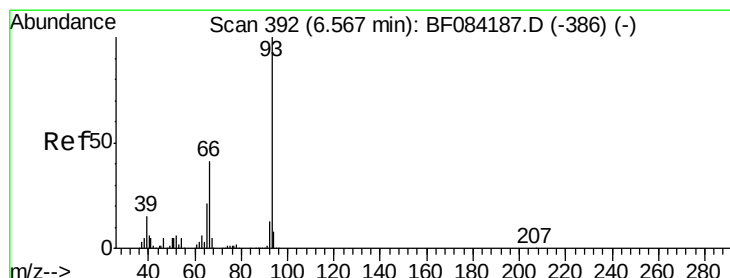
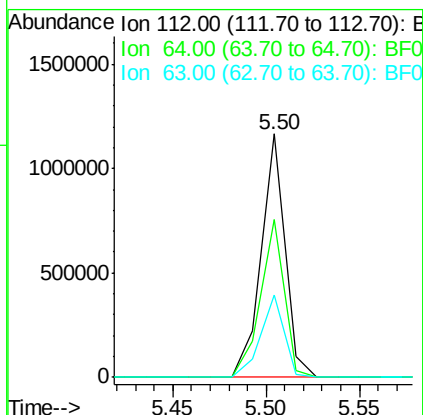
Tgt Ion:112 Resp: 1023859

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

63 33.7 19.4 29.0#



#6

Aniline

Concen: 14.22 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

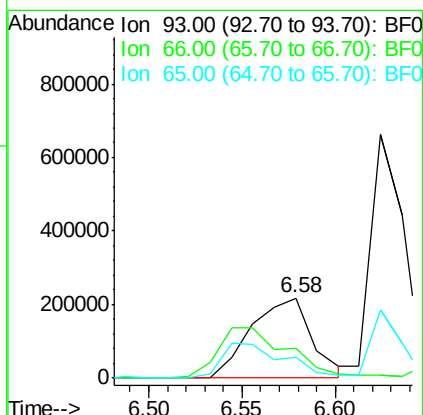
Tgt Ion: 93 Resp: 493065

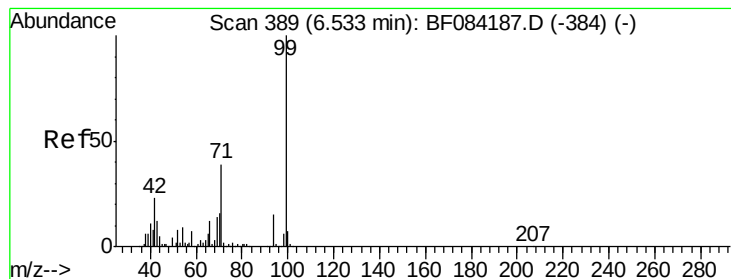
Ion Ratio Lower Upper

93 100

66 37.9 44.9 67.3#

65 25.4 23.7 35.5





#7

Phenol-d6

Concen: 36.61 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

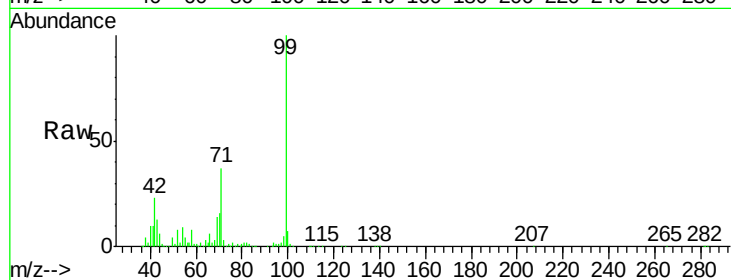
Tgt Ion: 99 Resp: 867689

Ion Ratio Lower Upper

99 100

42 23.0 12.8 19.2#

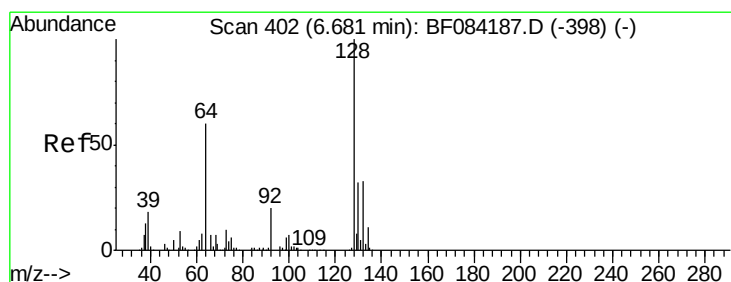
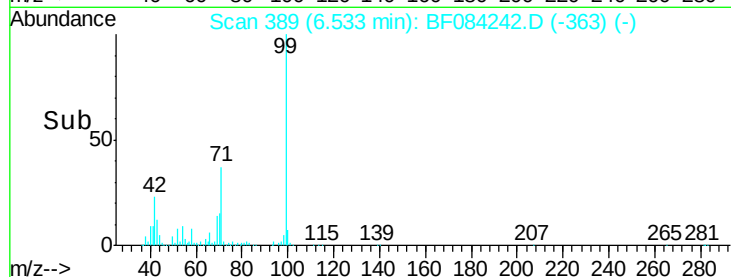
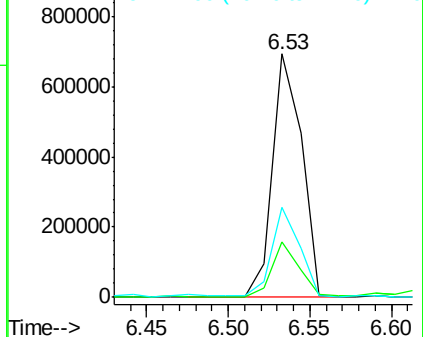
71 37.1 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 30.53 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

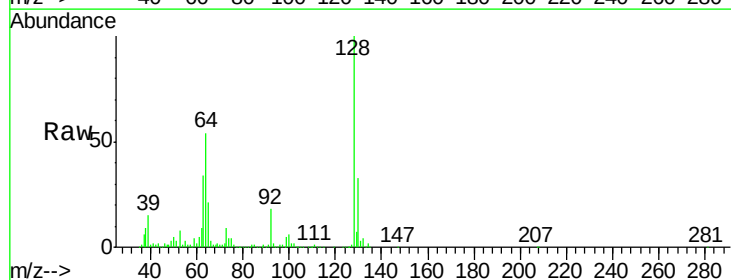
Tgt Ion: 128 Resp: 653574

Ion Ratio Lower Upper

128 100

130 33.3 11.6 51.6

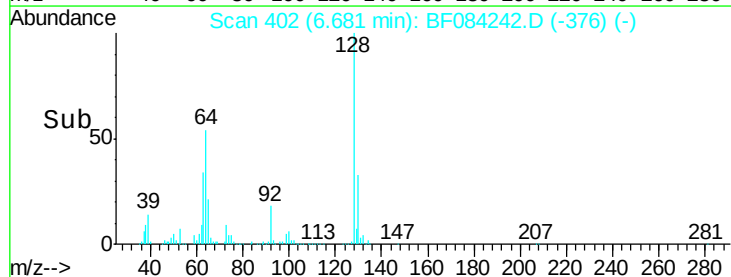
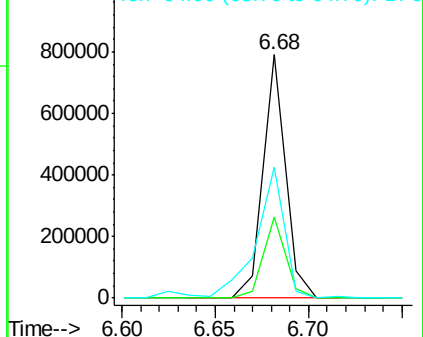
64 53.6 23.8 63.8

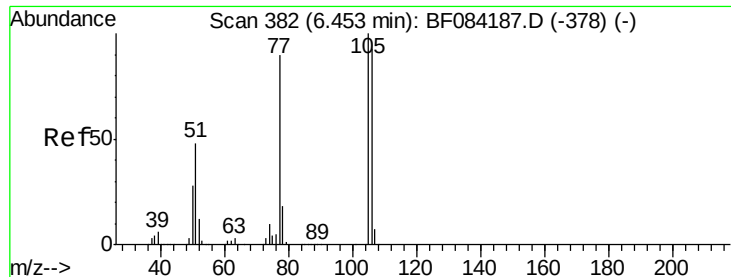


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.32 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

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ClientSampleId :

S8-0529MSD

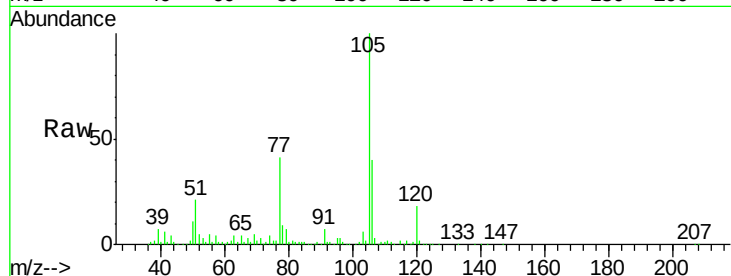
Tgt Ion: 77 Resp: 128334

Ion Ratio Lower Upper

77 100

105 246.1 83.0 123.0#

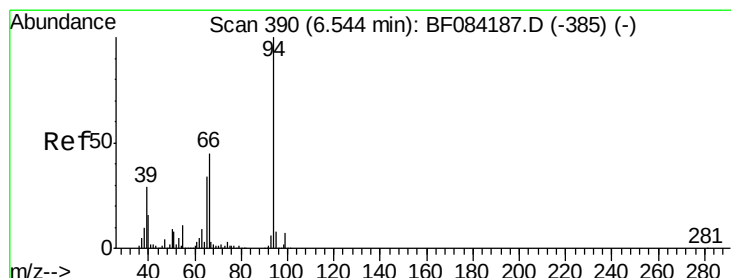
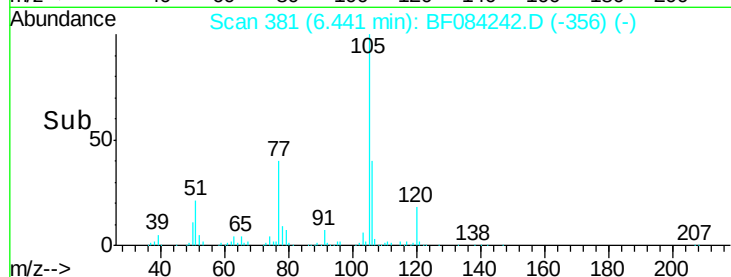
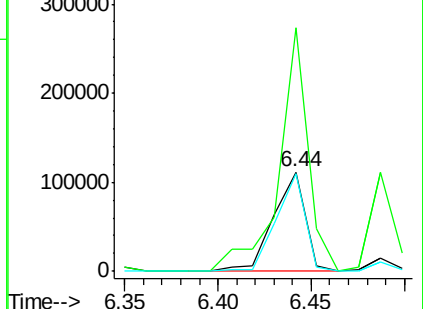
106 98.4 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 13.71 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

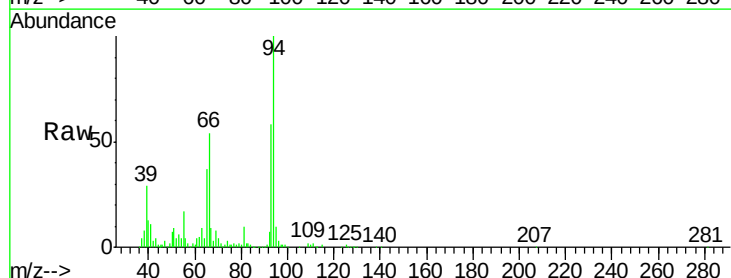
Tgt Ion: 94 Resp: 369331

Ion Ratio Lower Upper

94 100

65 36.8 12.9 52.9

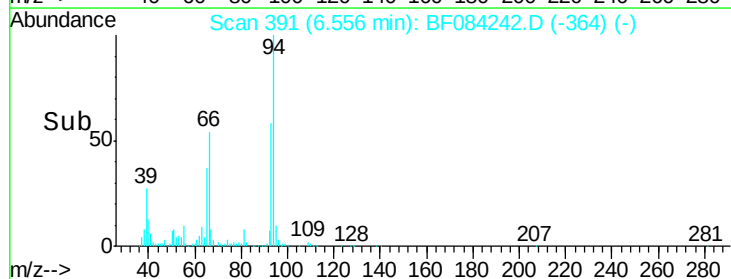
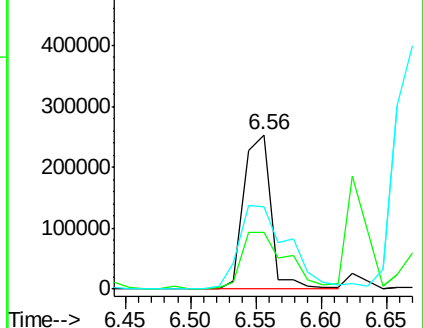
66 53.6 32.7 72.7

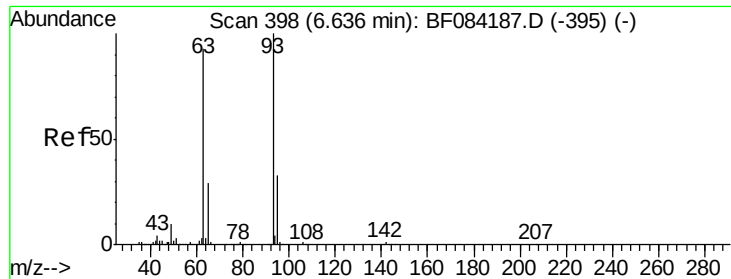


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

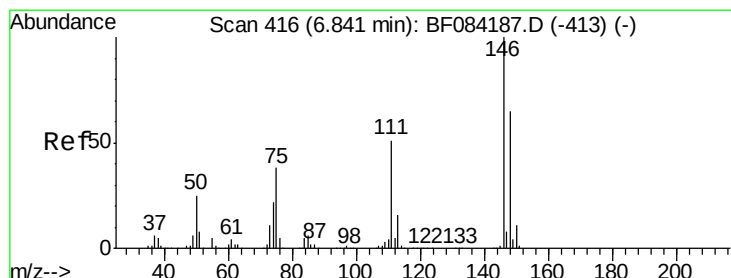
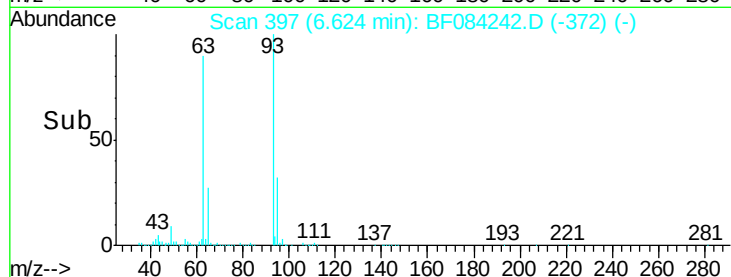
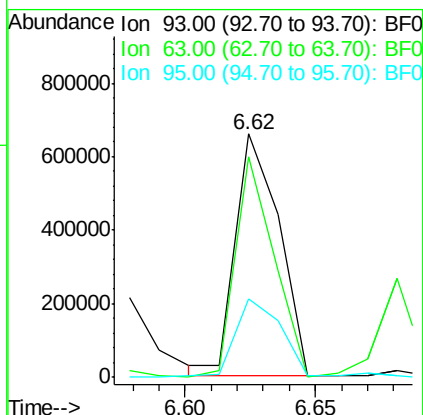
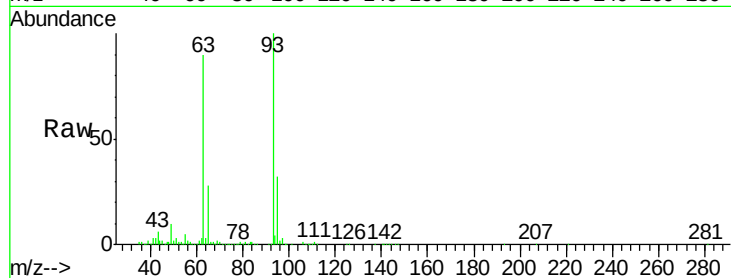




#11
bis(2-Chloroethyl)ether
Concen: 37.12 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

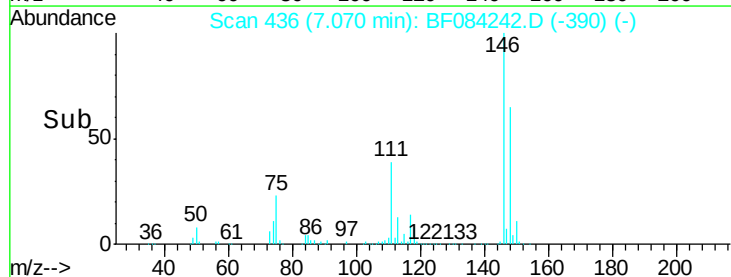
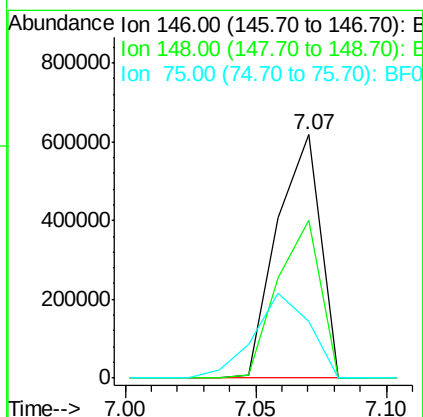
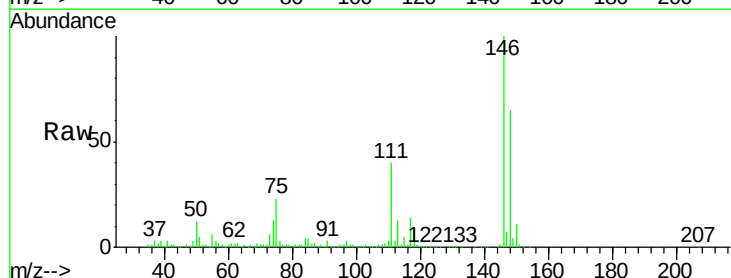
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

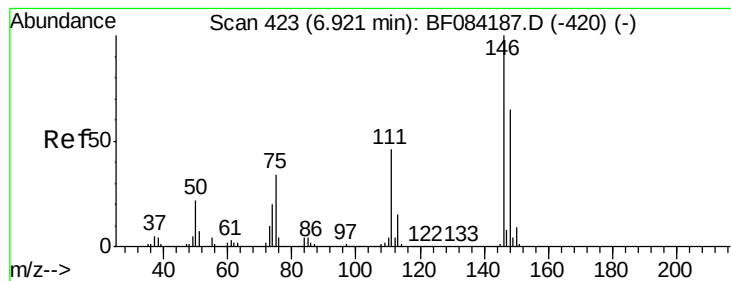
Tgt Ion: 93 Resp: 774864
Ion Ratio Lower Upper
93 100
63 90.4 45.9 85.9#
95 32.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 32.11 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.23 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion: 146 Resp: 709177
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 23.1 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 34.77 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

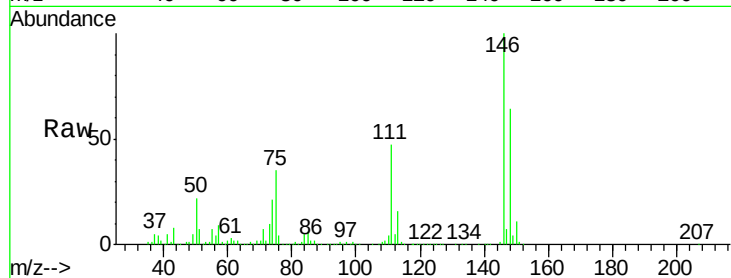
Tgt Ion:146 Resp: 770096

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

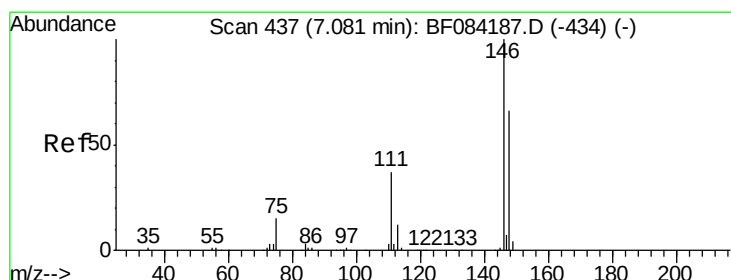
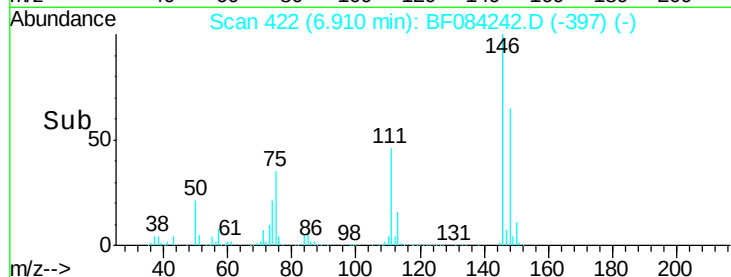
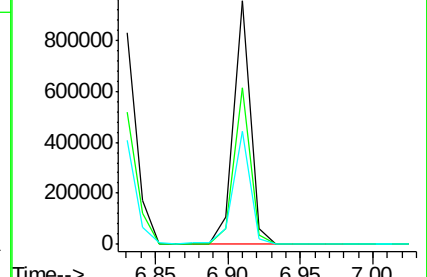
111 46.5 41.6 62.4



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: 33.44 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

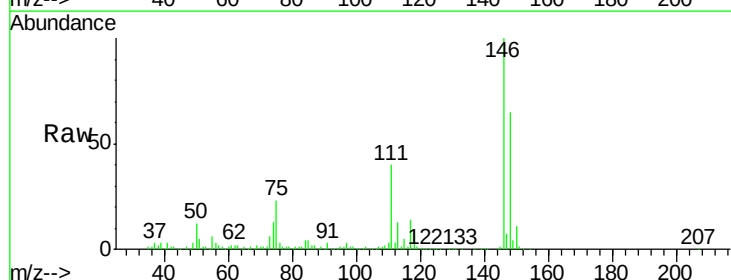
Tgt Ion:146 Resp: 709295

Ion Ratio Lower Upper

146 100

148 65.0 51.6 77.4

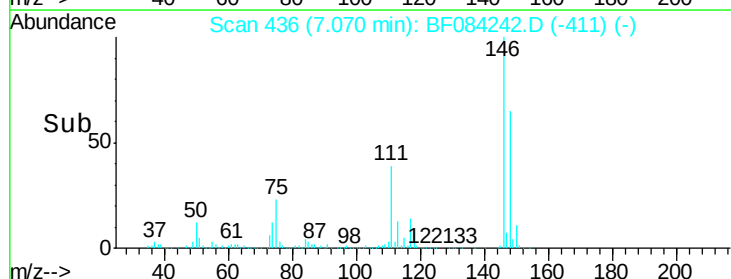
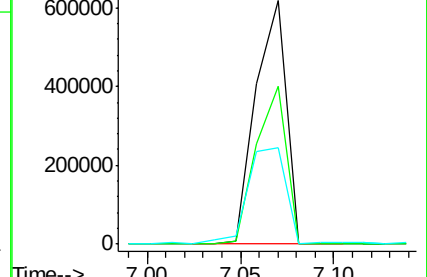
111 39.8 38.0 57.0

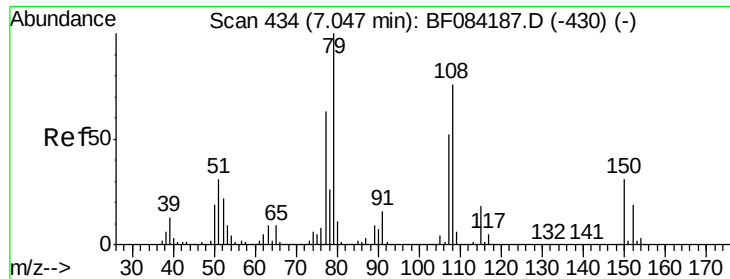


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

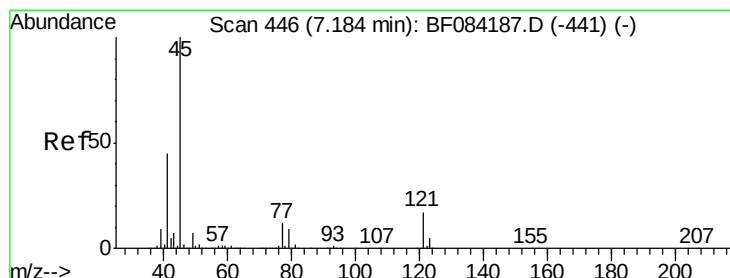
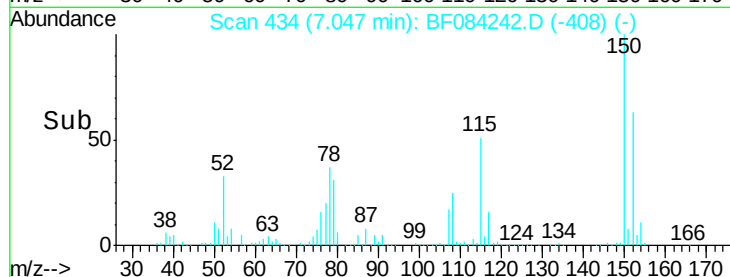
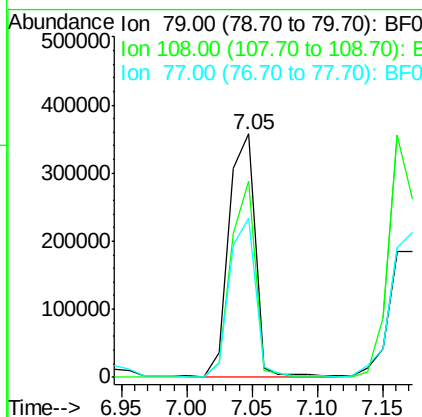
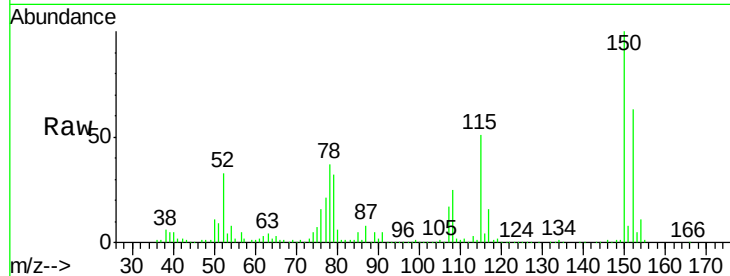




#15
Benzyl Alcohol
Concen: 24.74 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

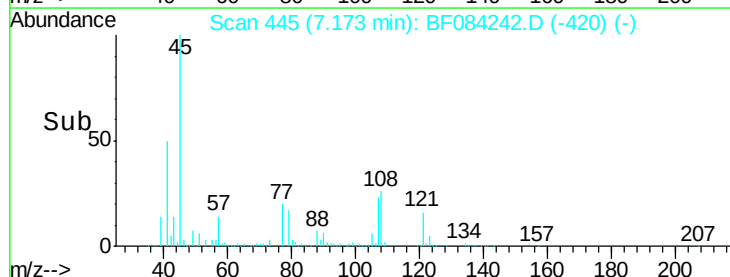
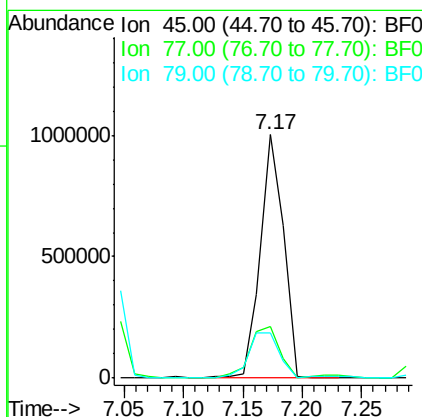
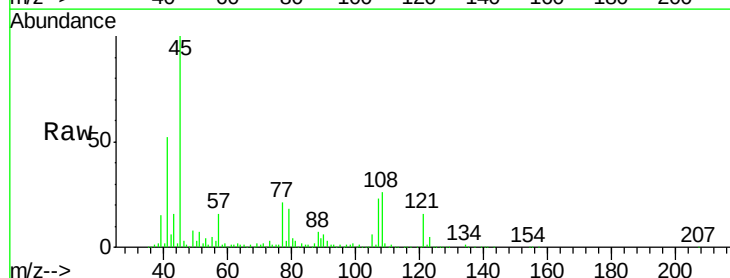
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

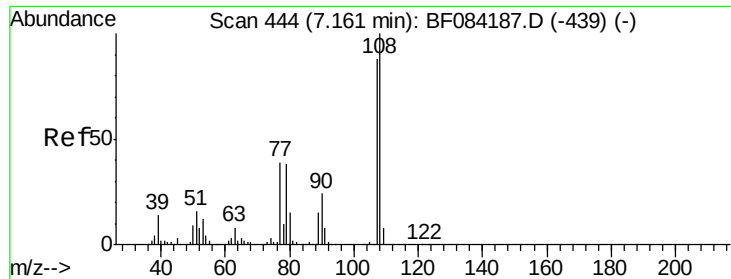
Tgt Ion: 79 Resp: 493188
Ion Ratio Lower Upper
79 100
108 80.5 69.0 103.4
77 65.4 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.19 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion: 45 Resp: 1375672
Ion Ratio Lower Upper
45 100
77 21.2 0.0 39.6
79 18.4 0.0 35.0





#17

2-Methylphenol

Concen: 24.21 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampled :

S8-0529MSD

Tgt Ion:107 Resp: 434328

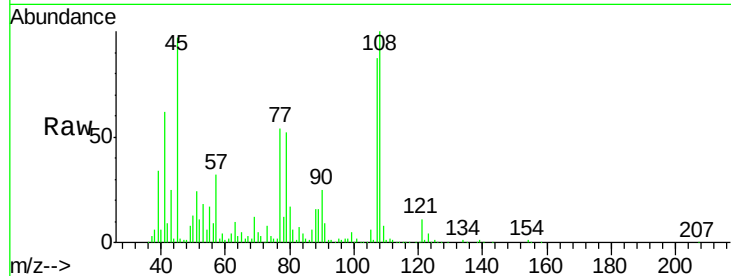
Ion Ratio Lower Upper

107 100

108 114.8 89.8 134.6

77 61.7 35.7 53.5#

79 59.4 35.7 53.5#

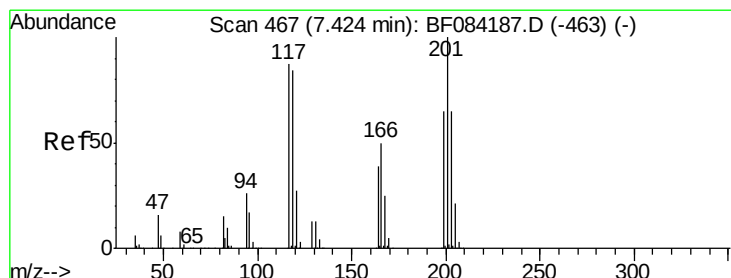
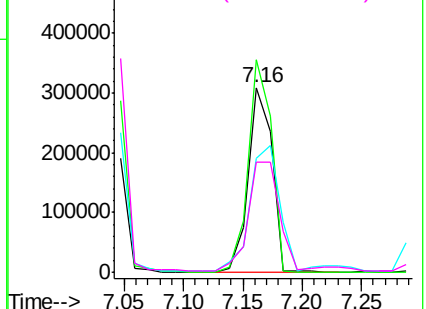
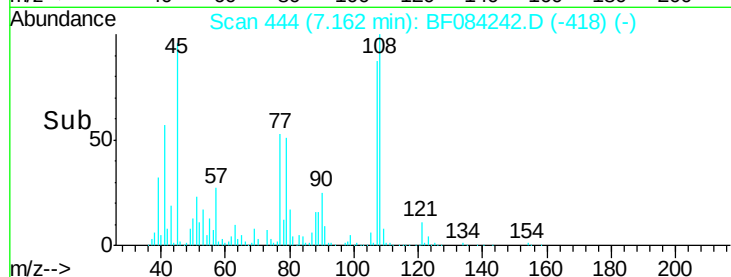


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.96 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

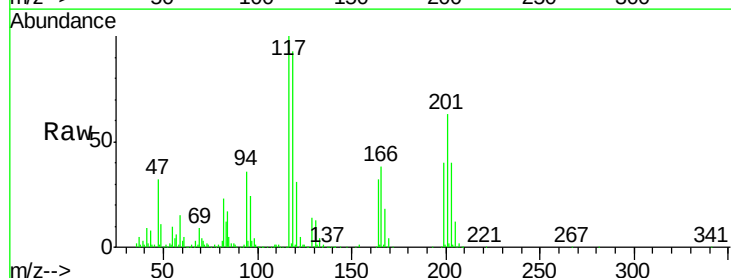
Tgt Ion:117 Resp: 362713

Ion Ratio Lower Upper

117 100

119 92.5 77.4 116.0

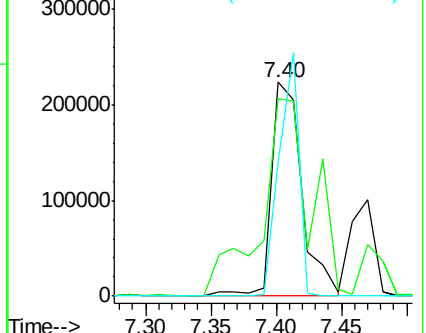
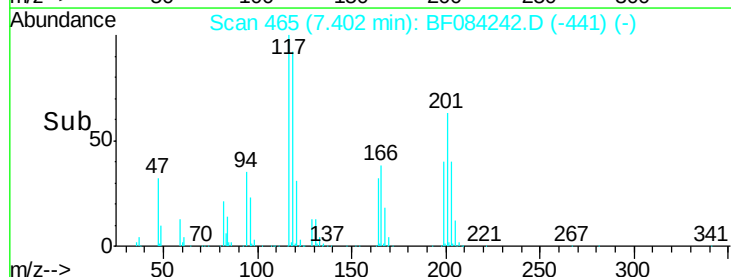
201 62.6 68.6 103.0#

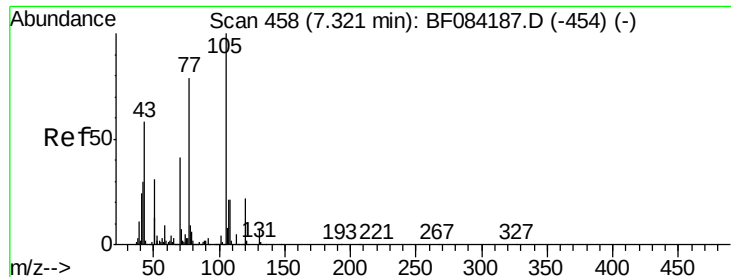


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

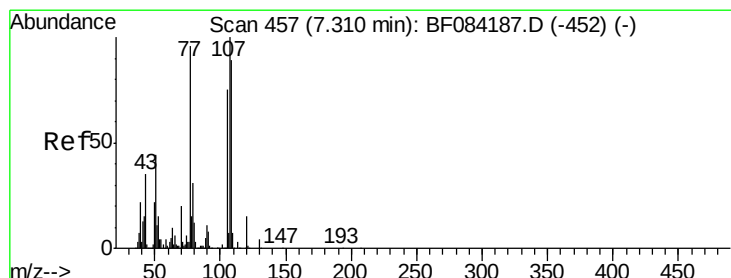
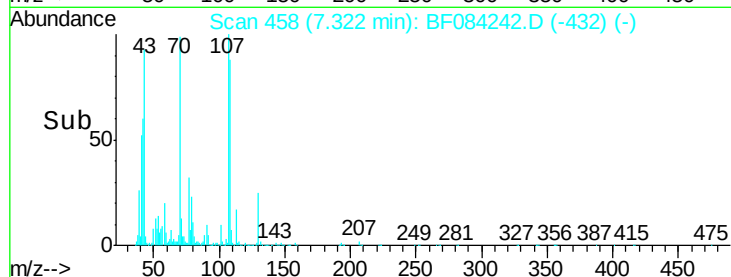
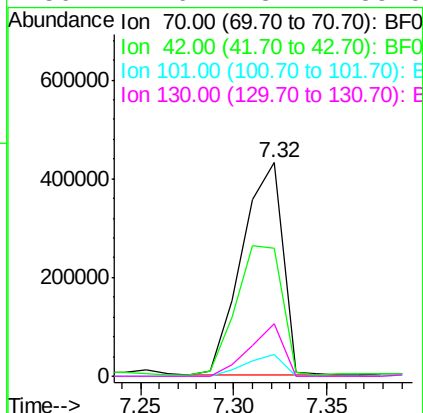
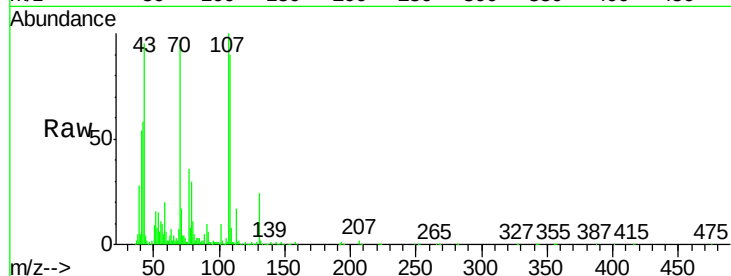




#19
n-Nitroso-di-n-propylamine
Concen: 40.35 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

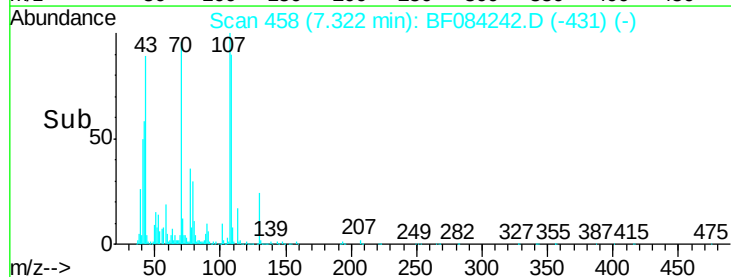
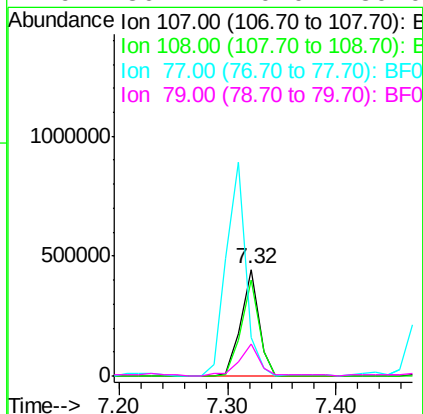
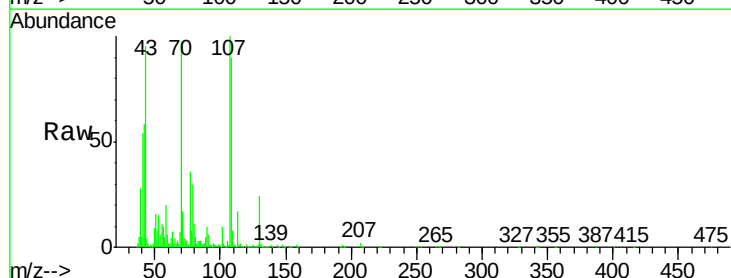
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

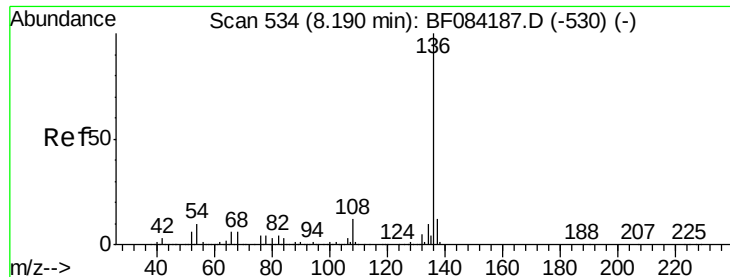
Tgt Ion: 70 Resp: 647344
Ion Ratio Lower Upper
70 100
42 60.0 33.3 49.9#
101 10.4 9.3 13.9
130 24.6 23.4 35.0



#20
3+4-Methylphenols
Concen: 23.99 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion: 107 Resp: 506031
Ion Ratio Lower Upper
107 100
108 90.0 74.6 114.6
77 35.8 0.7 40.7
79 30.4 0.0 39.0

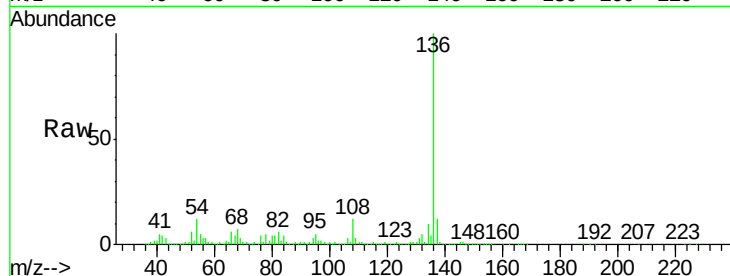




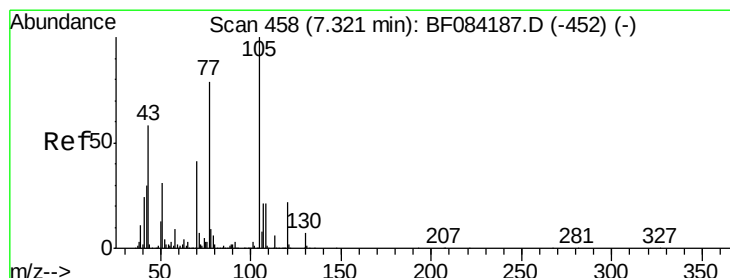
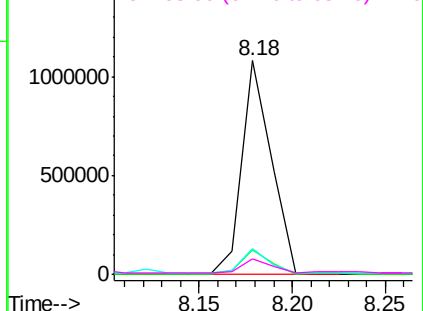
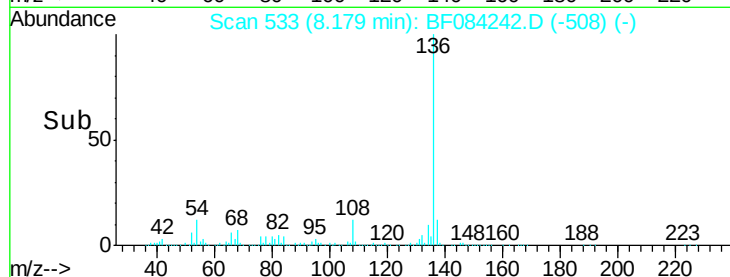
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:136 Resp: 1177598
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 12.3 5.8 8.8#
68 7.3 4.2 6.2#

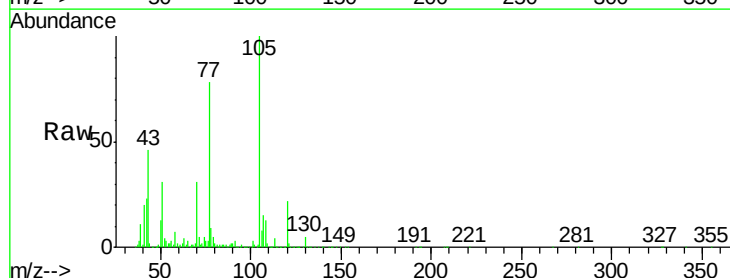


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

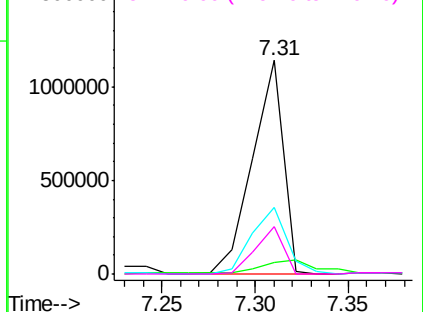
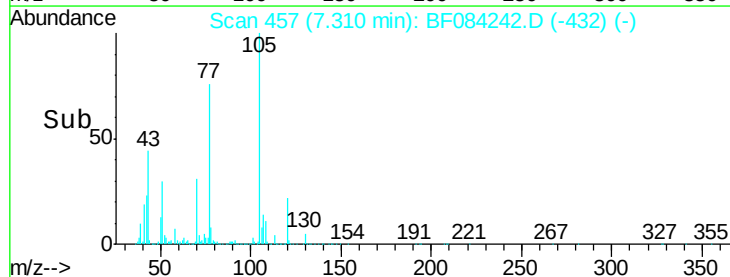


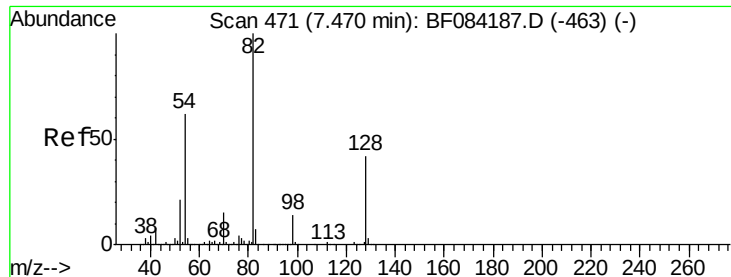
#22
Acetophenone
Concen: 46.03 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:105 Resp: 1303400
Ion Ratio Lower Upper
105 100
71 5.4 3.7 5.5
51 31.2 25.1 37.7
120 22.2 16.6 25.0



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

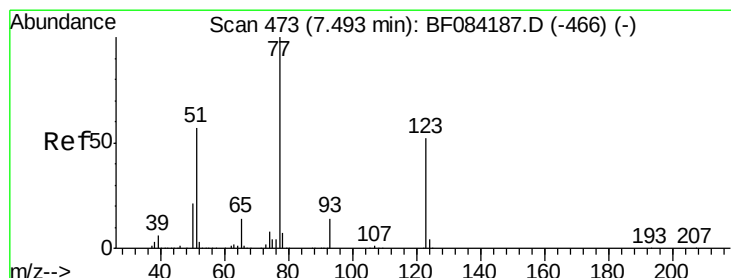
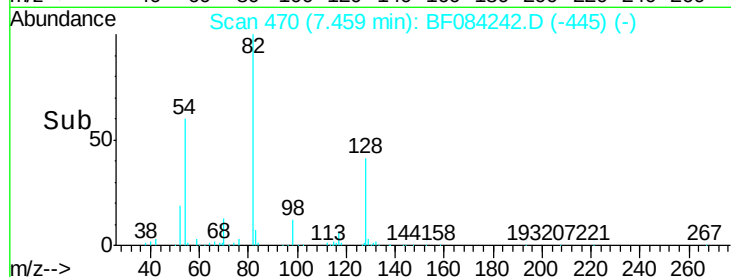
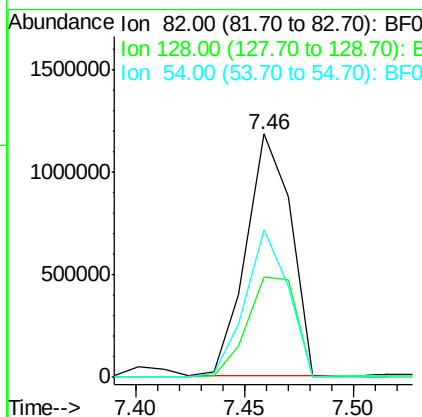
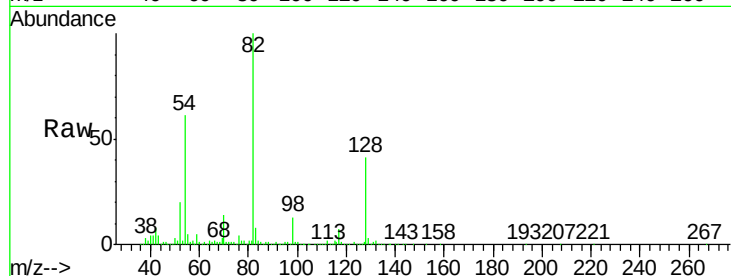




#23
 Nitrobenzene-d5
 Concen: 80.10 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

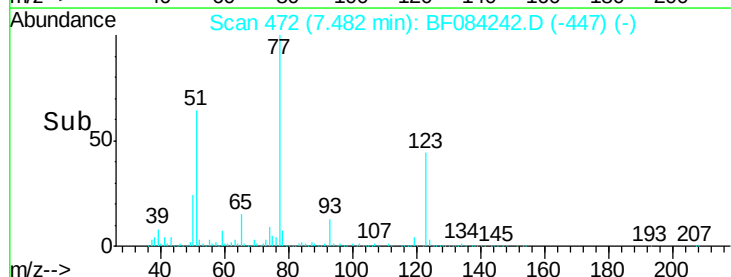
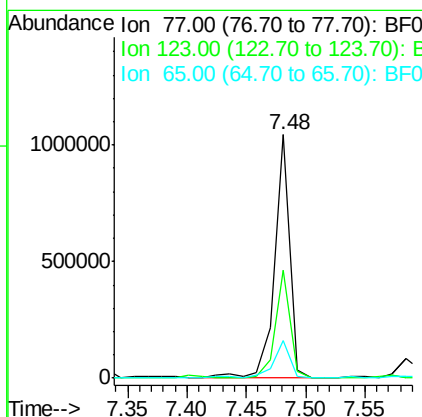
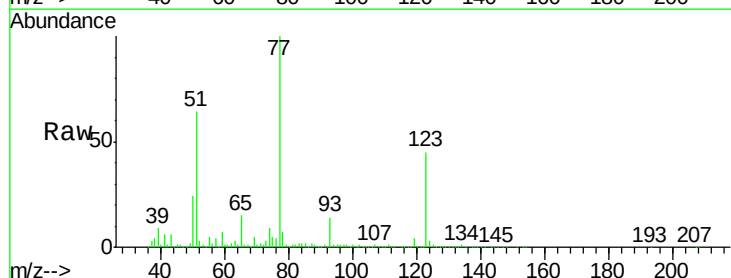
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

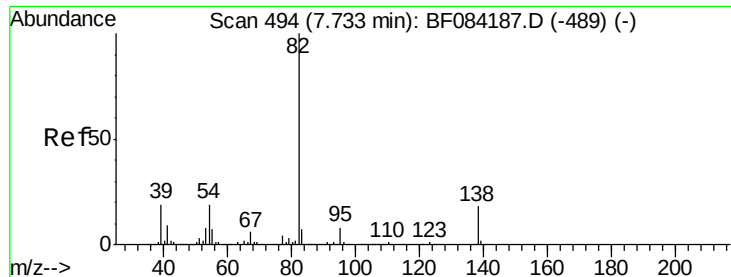
Tgt Ion: 82 Resp: 1694785
 Ion Ratio Lower Upper
 82 100
 128 41.0 34.6 51.8
 54 60.8 38.4 57.6#



#24
 Nitrobenzene
 Concen: 42.82 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion: 77 Resp: 919006
 Ion Ratio Lower Upper
 77 100
 123 44.5 37.4 56.2
 65 15.5 10.9 16.3





#25

Isophorone

Concen: 39.33 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

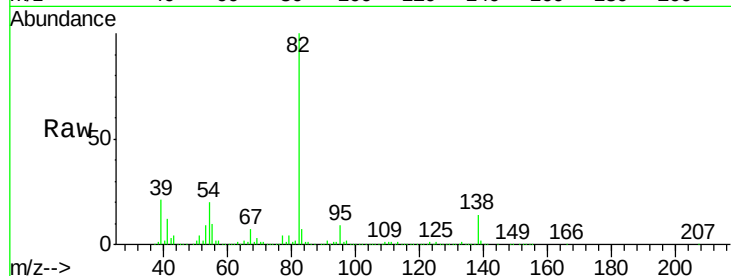
Tgt Ion: 82 Resp: 1591428

Ion Ratio Lower Upper

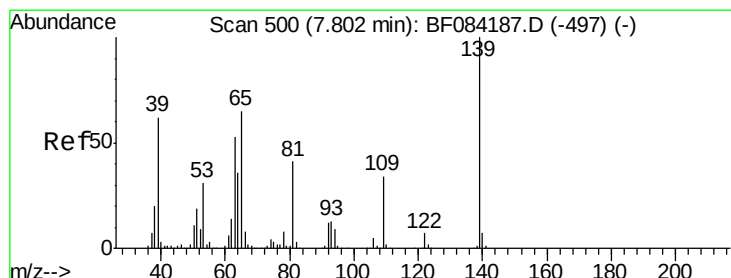
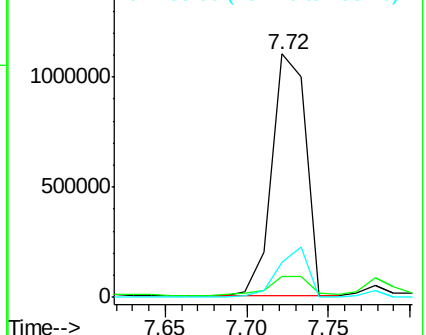
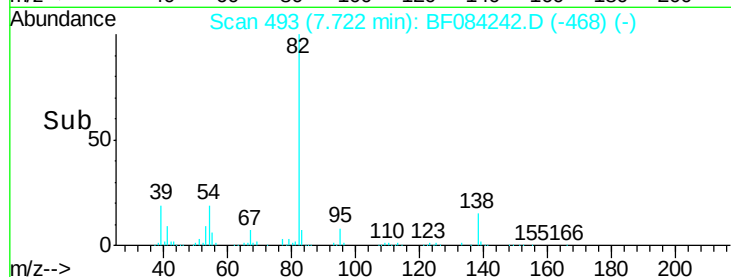
82 100

95 8.6 6.6 10.0

138 14.3 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: 43.16 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

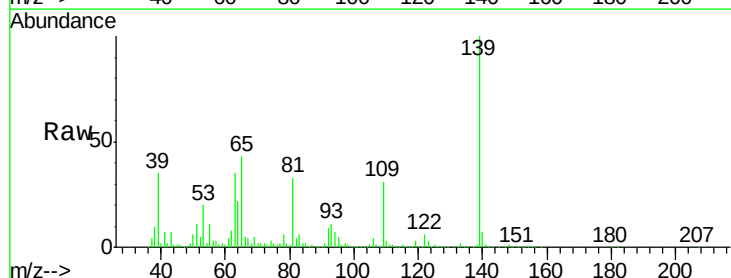
Tgt Ion: 139 Resp: 421570

Ion Ratio Lower Upper

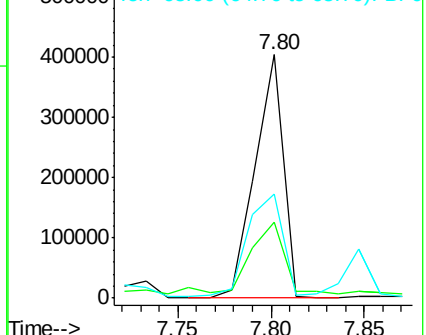
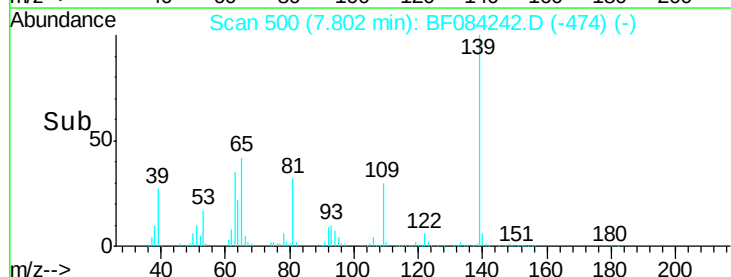
139 100

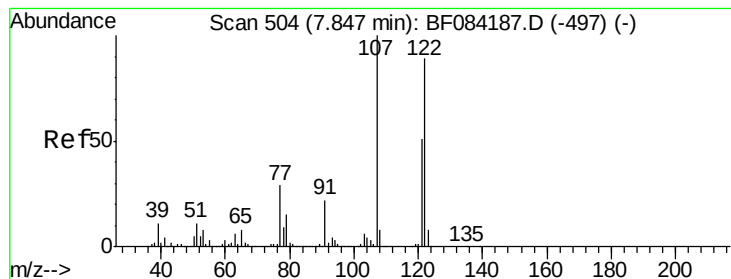
109 31.3 25.4 38.2

65 42.9 32.3 48.5



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

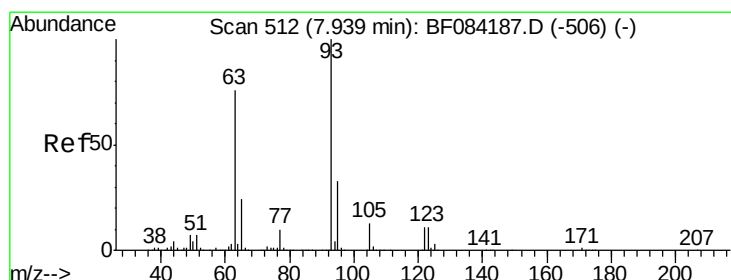
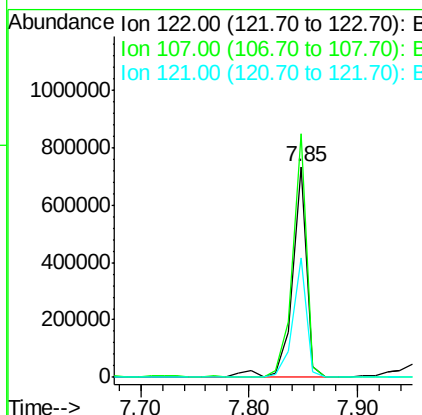
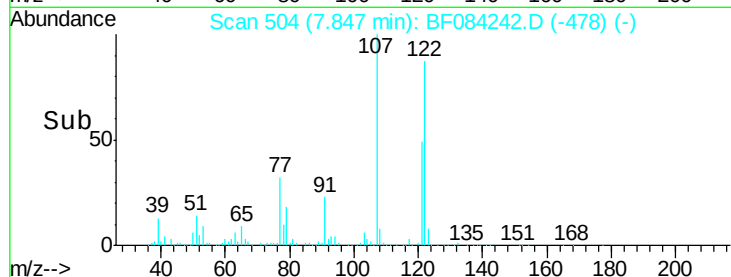
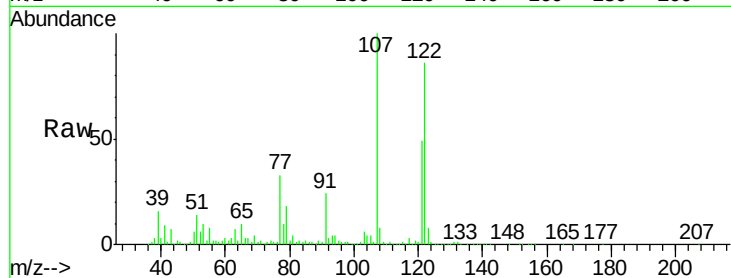




#27
 2,4-Dimethylphenol
 Concen: 34.17 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

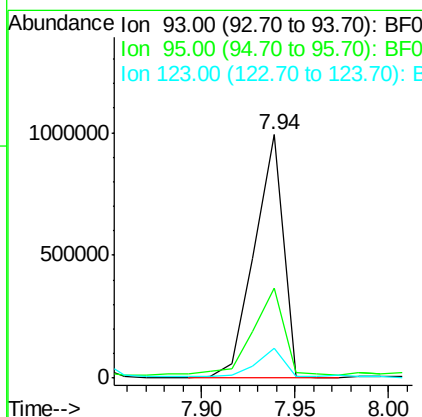
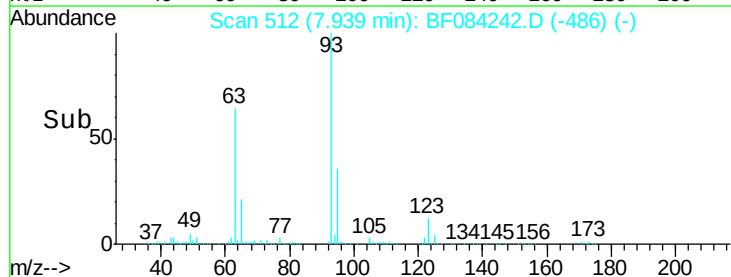
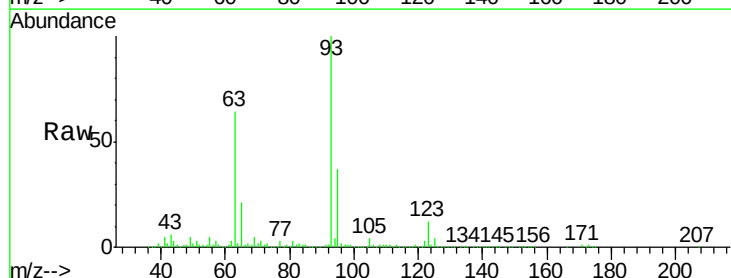
Instrument :
 BNA_F
 ClientSampled :
 S8-0529MSD

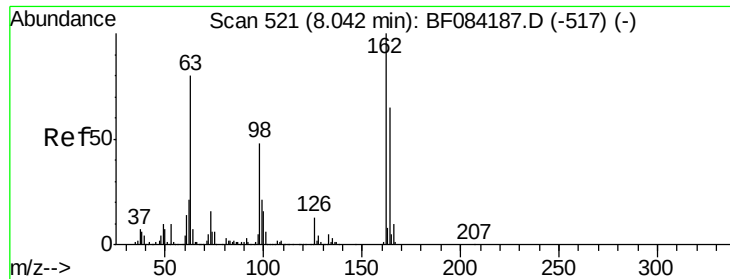
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.6	99.1	148.7
121	56.9	47.9	71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.71 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	36.8	25.8	38.6
123	12.3	8.6	12.8

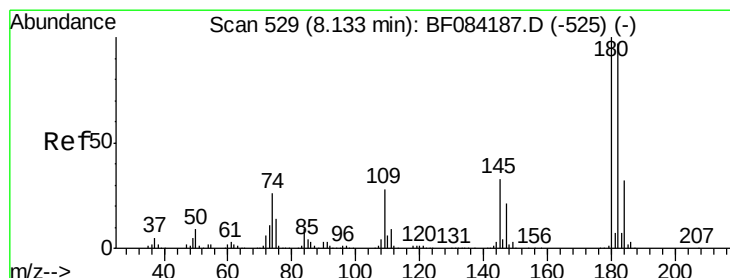
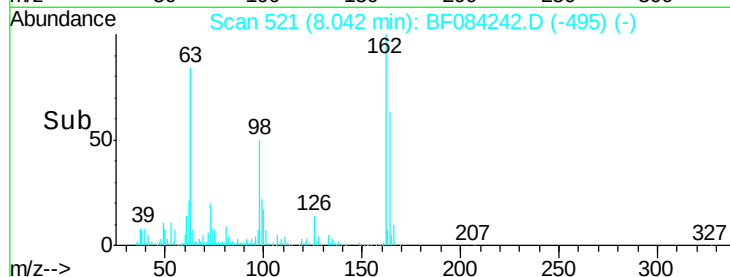
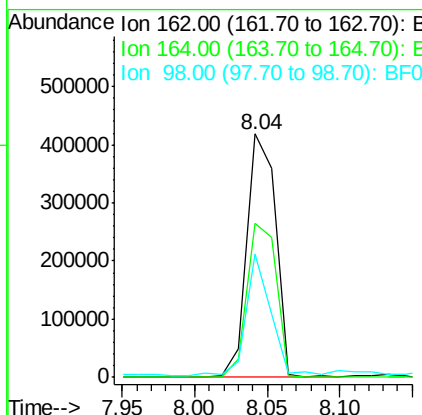
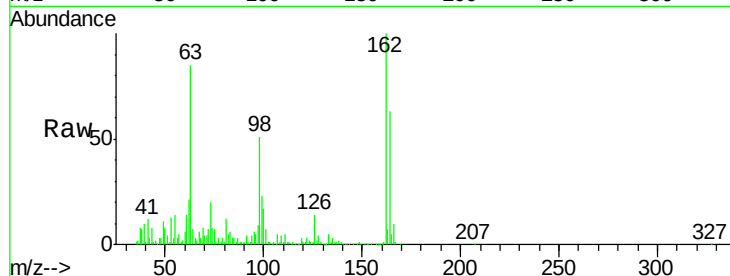




#29
2,4-Dichlorophenol
Concen: 35.00 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

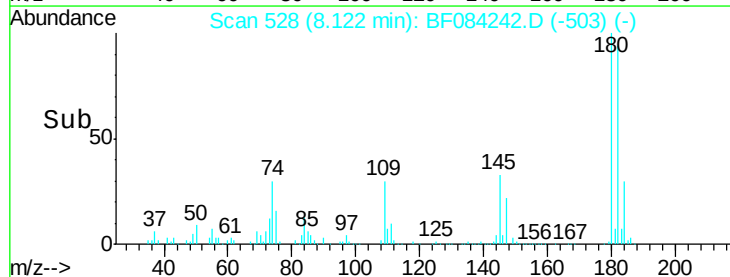
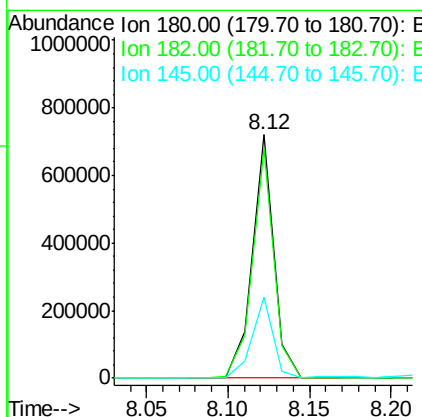
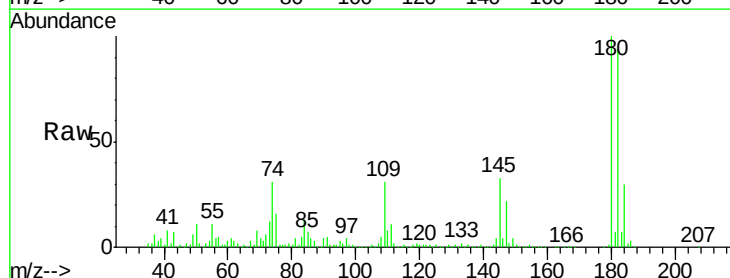
Instrument :
BNA_F
ClientSampled :
S8-0529MSD

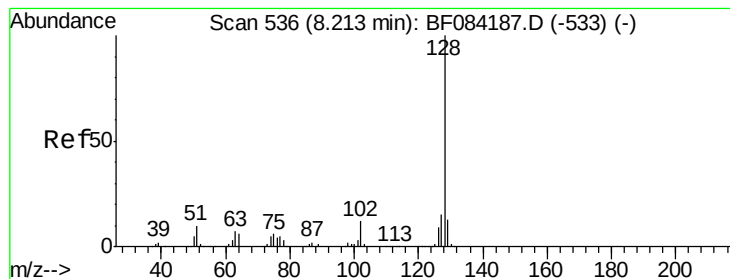
Tgt Ion:162 Resp: 576297
Ion Ratio Lower Upper
162 100
164 63.1 44.1 84.1
98 50.9 20.2 60.2



#30
1,2,4-Trichlorobenzene
Concen: 38.66 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:180 Resp: 657223
Ion Ratio Lower Upper
180 100
182 94.2 76.4 114.6
145 33.1 31.6 47.4





#31

Naphthalene

Concen: 39.81 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

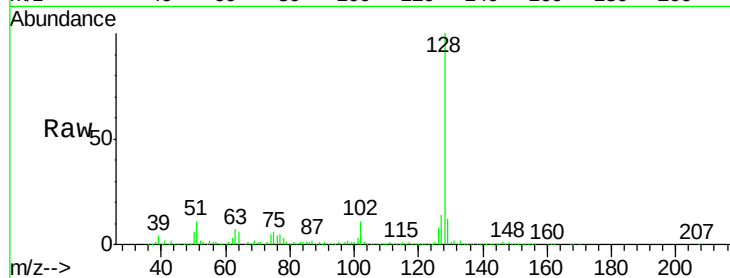
Tgt Ion:128 Resp: 2126746

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

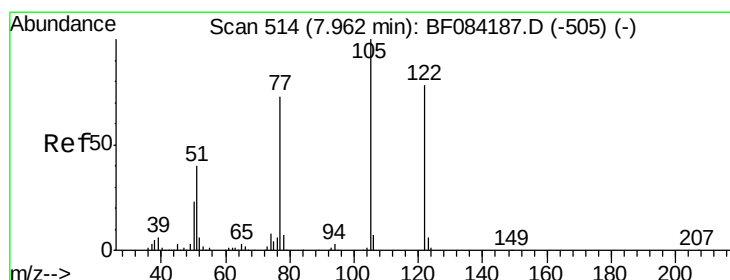
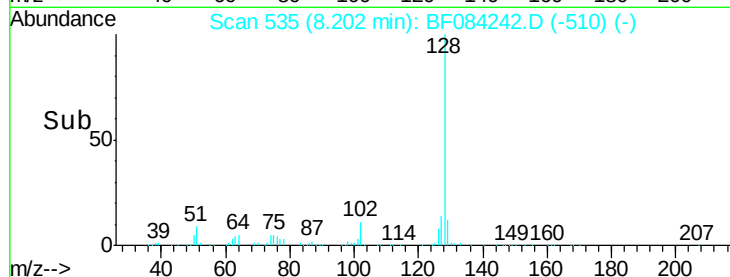
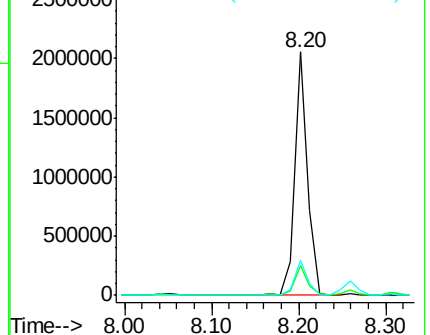
127 14.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.48 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

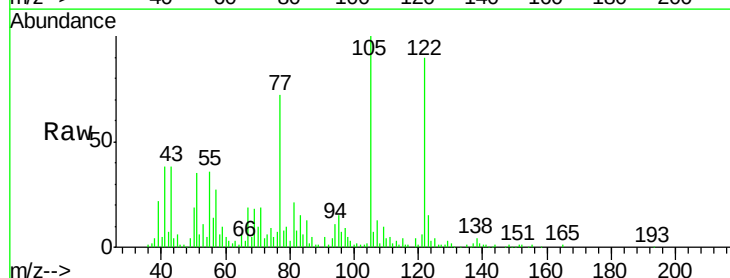
Tgt Ion:122 Resp: 178858

Ion Ratio Lower Upper

122 100

105 111.1 100.3 140.3

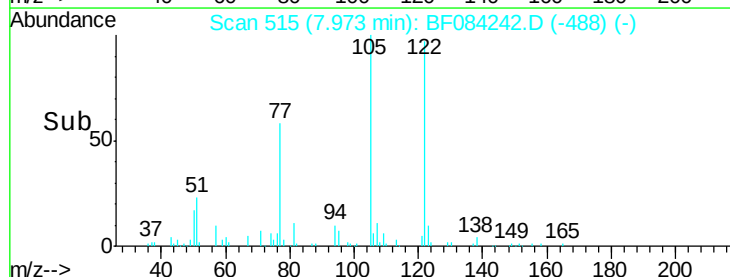
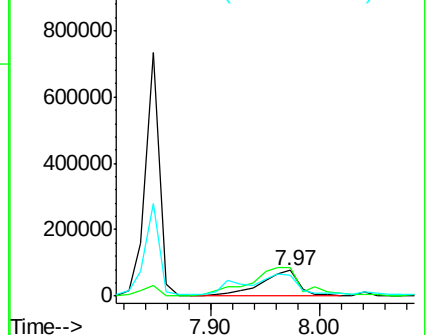
77 80.5 63.5 103.5

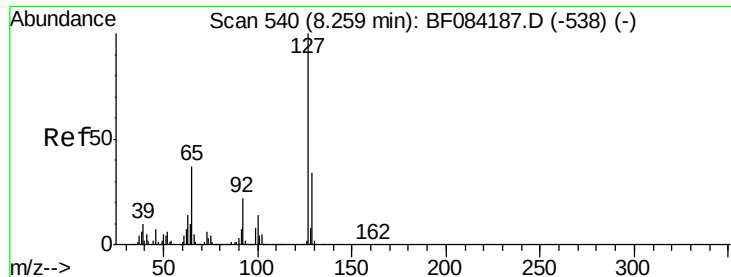


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

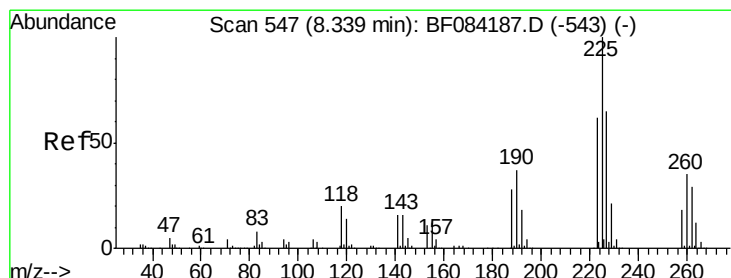
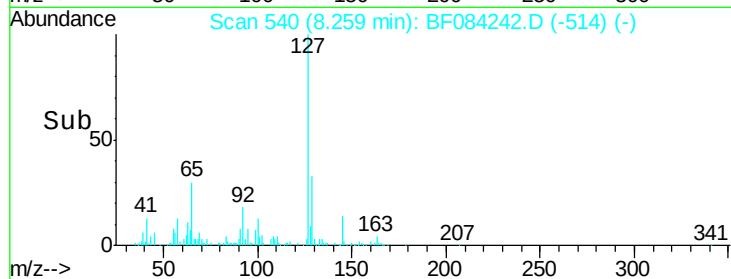
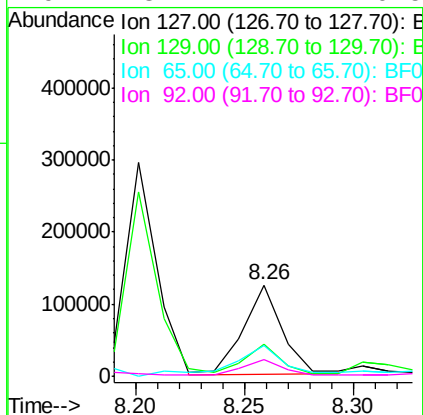
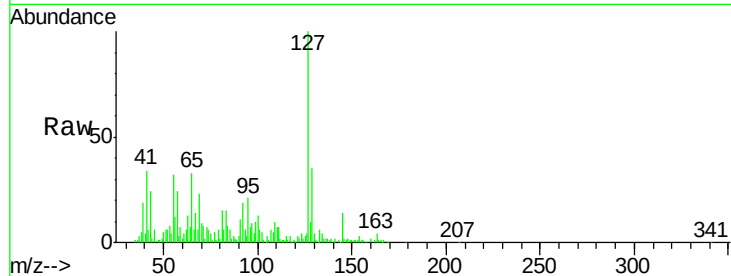




#33
4-Chloroaniline
Concen: 6.31 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

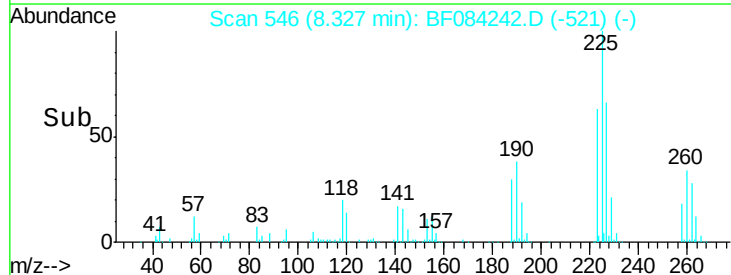
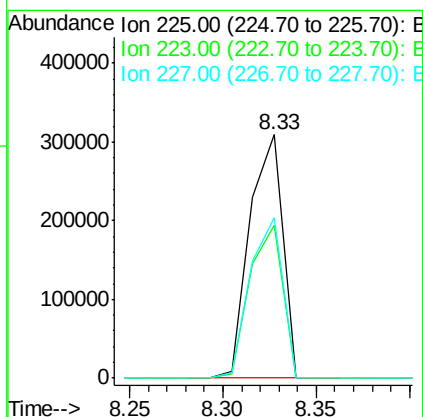
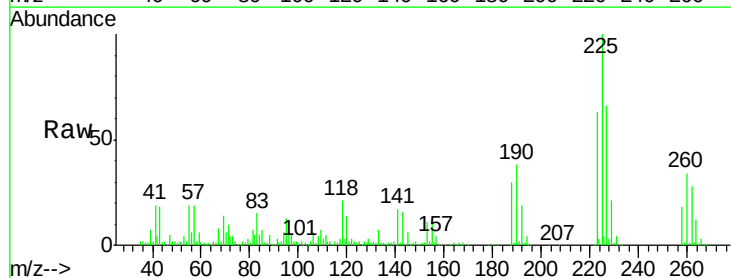
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

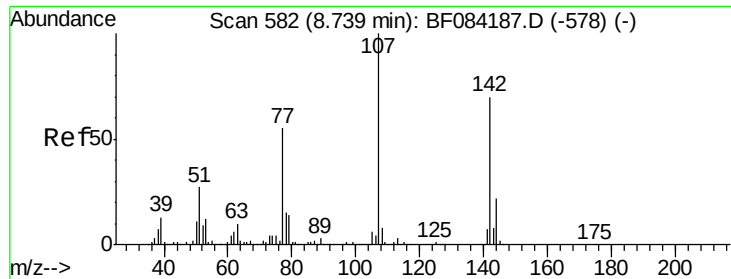
Tgt Ion:	127	Resp:	154600
Ion	Ratio	Lower	Upper
127	100		
129	34.6	26.5	39.7
65	33.2	27.2	40.8
92	18.7	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.59 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:	225	Resp:	377087
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	66.0	50.8	76.2

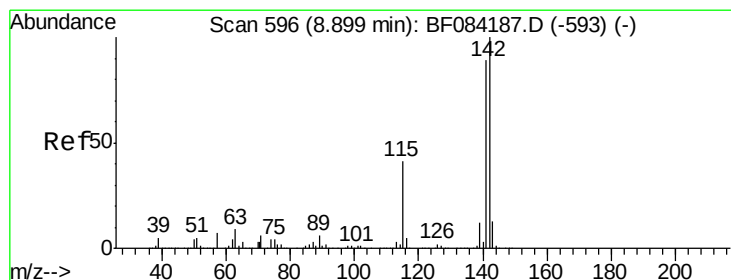
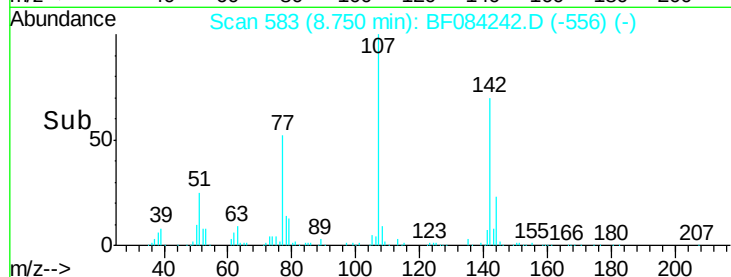
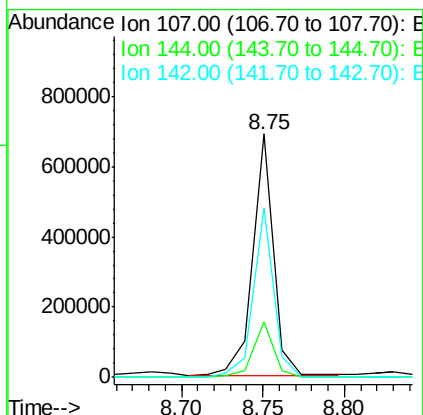
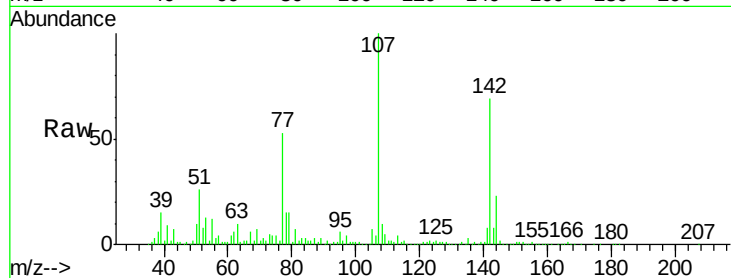




#36
 4-Chloro-3-methylphenol
 Concen: 32.76 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

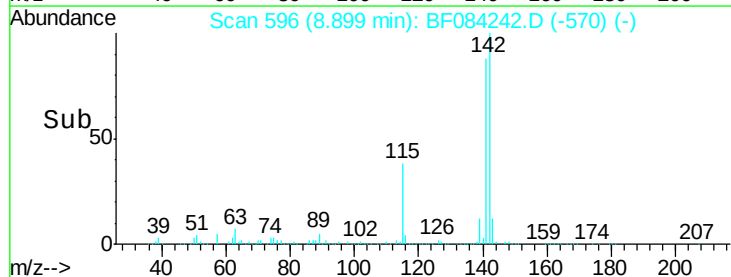
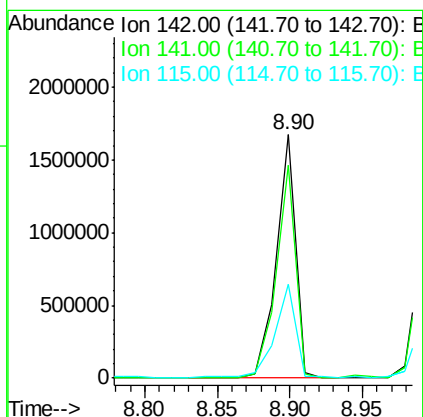
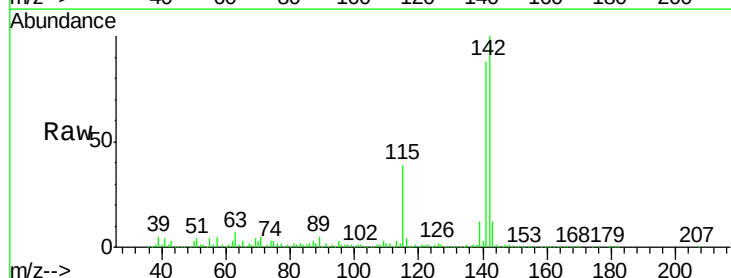
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

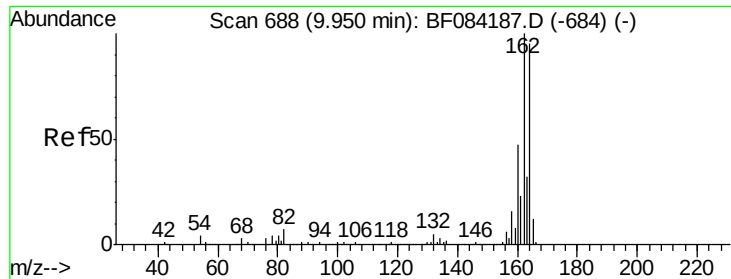
Tgt Ion:107 Resp: 604321
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.7 29.5
 142 69.5 61.8 92.6



#37
 2-Methylnaphthalene
 Concen: 40.15 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion:142 Resp: 1539962
 Ion Ratio Lower Upper
 142 100
 141 87.7 72.4 108.6
 115 38.7 27.9 41.9

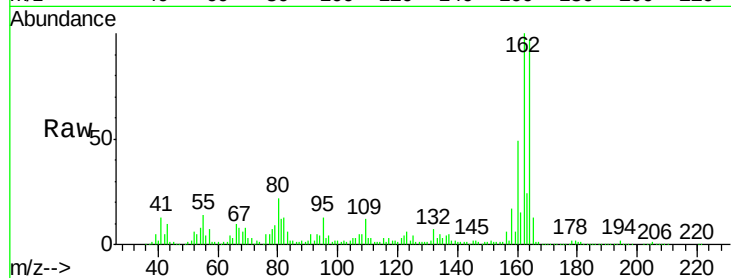




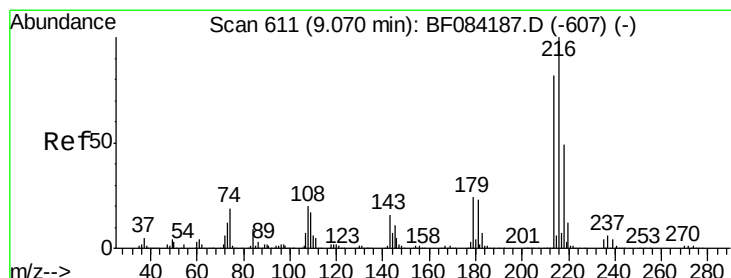
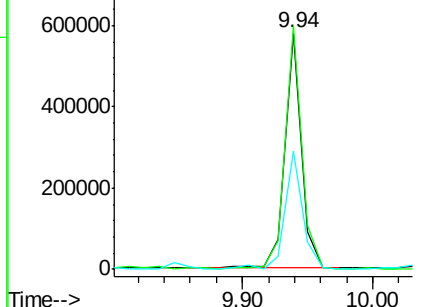
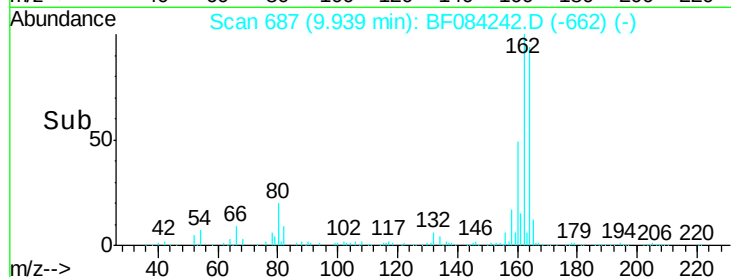
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	50.1	37.5	56.3

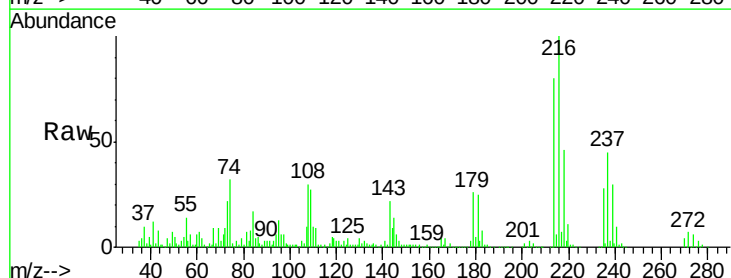


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

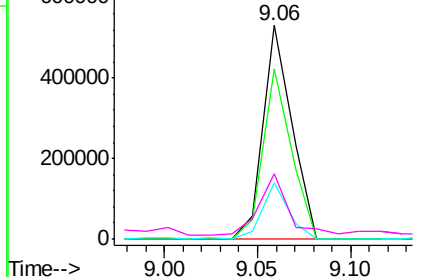
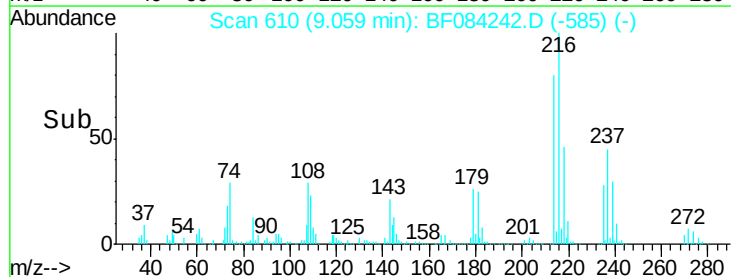


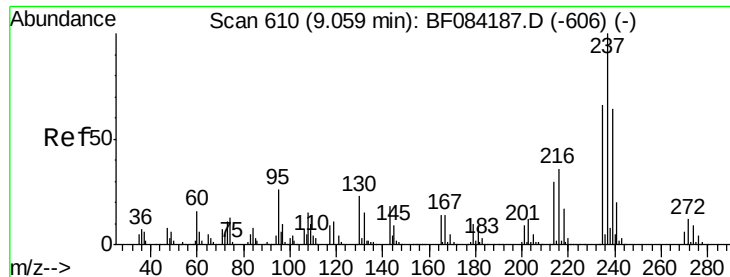
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.81 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	64.2	96.2
179	23.8	18.7	28.1
108	29.5	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

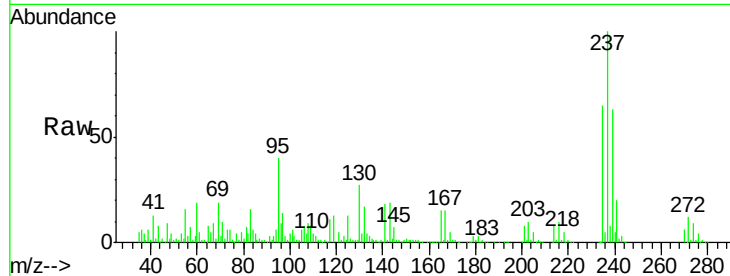




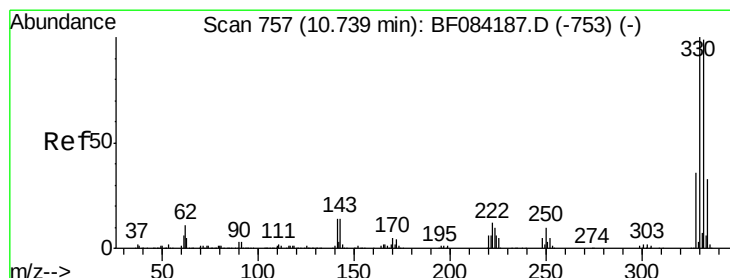
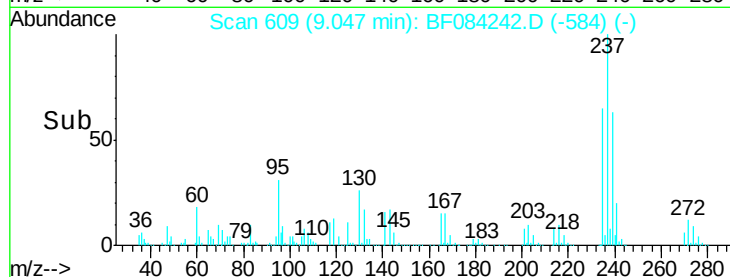
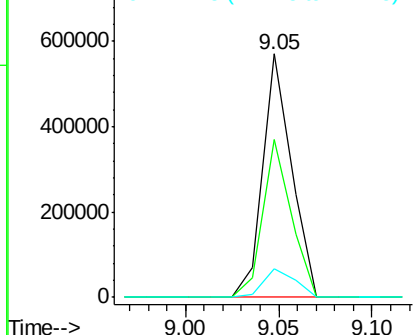
#40
Hexachlorocyclopentadiene
Concen: 67.20 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:237 Resp: 604530
Ion Ratio Lower Upper
237 100
235 64.8 43.1 83.1
272 11.7 0.0 35.1

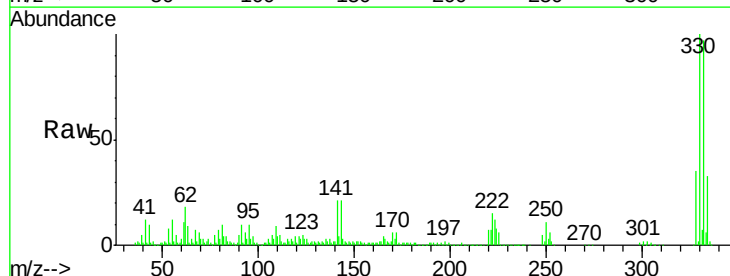


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

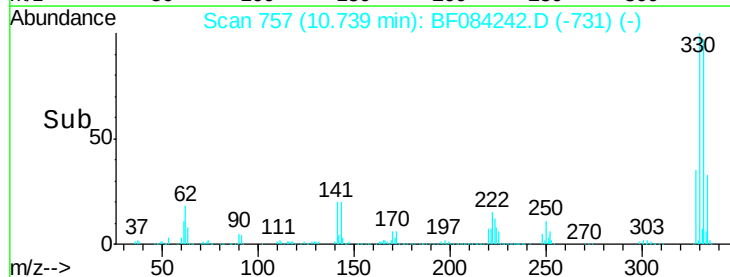
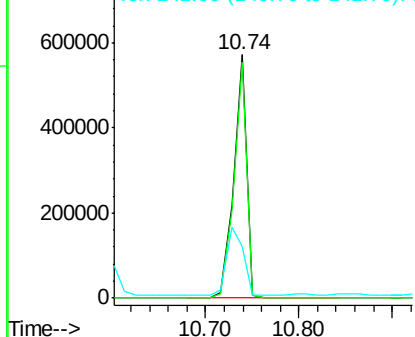


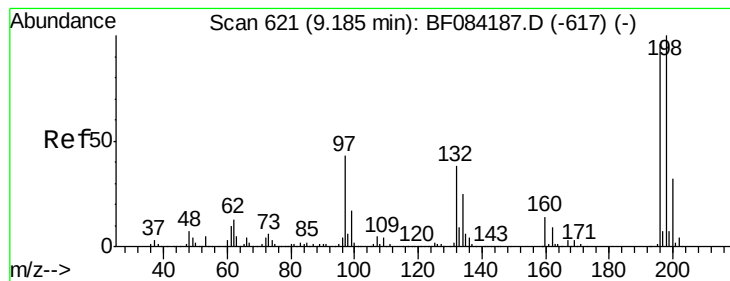
#41
2,4,6-Tribromophenol
Concen: 106.54 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:330 Resp: 557592
Ion Ratio Lower Upper
330 100
332 95.6 76.6 114.8
141 36.3 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

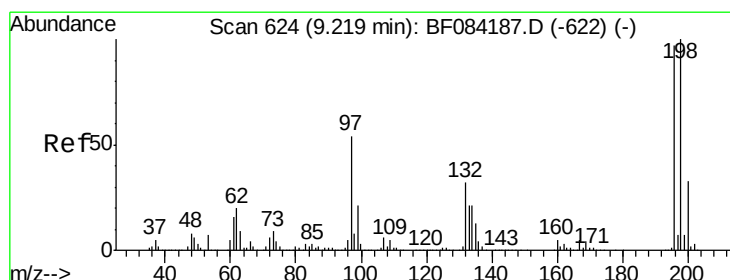
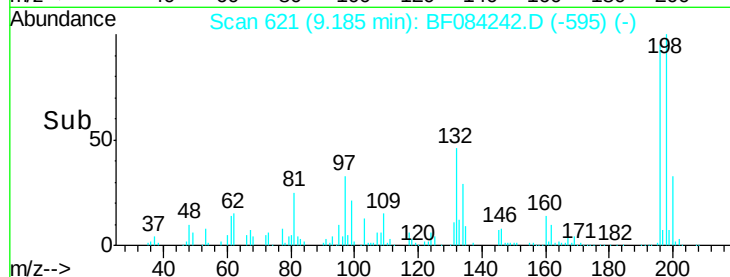
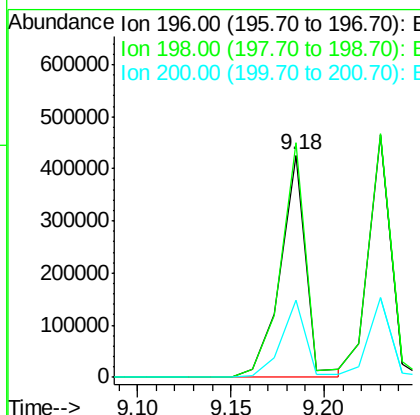
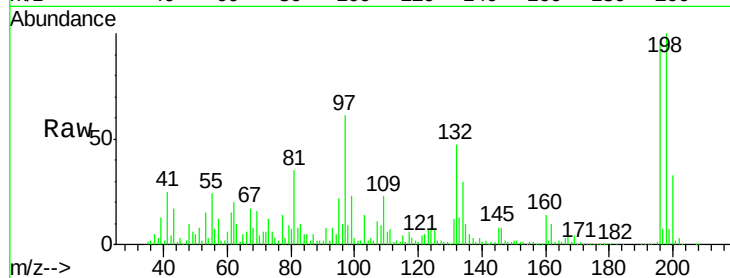




#42
 2,4,6-Trichlorophenol
 Concen: 36.49 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

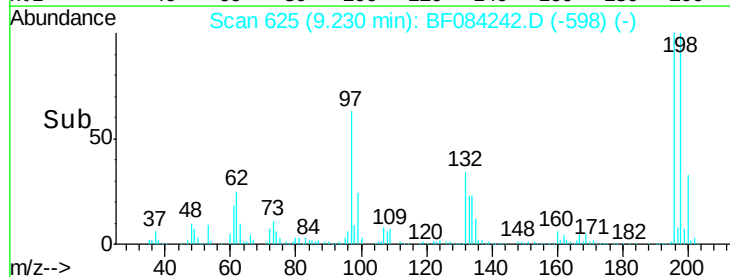
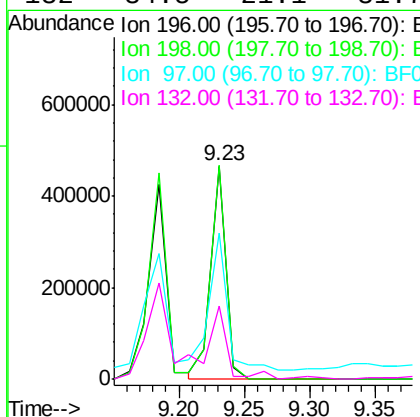
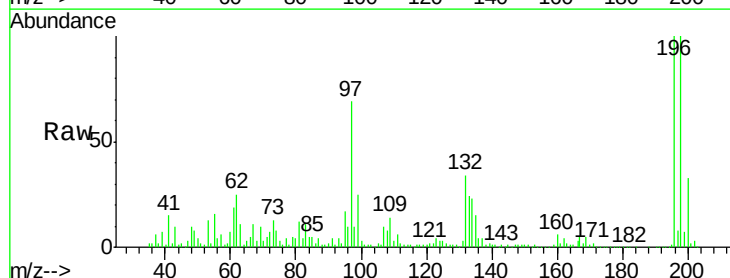
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

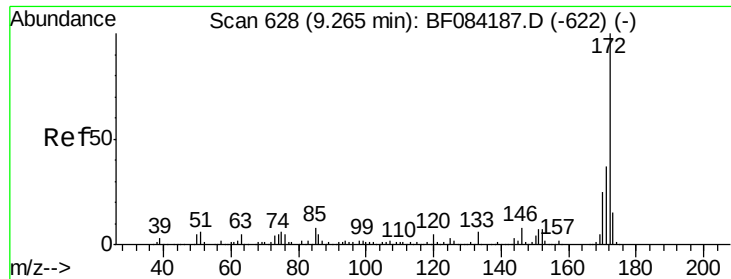
Tgt Ion:196 Resp: 406896
 Ion Ratio Lower Upper
 196 100
 198 105.6 77.7 116.5
 200 34.6 24.6 37.0



#43
 2,4,5-Trichlorophenol
 Concen: 35.77 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion:196 Resp: 382276
 Ion Ratio Lower Upper
 196 100
 198 100.4 79.0 118.6
 97 68.9 33.0 49.6#
 132 34.5 21.1 31.7#





#44

2-Fluorobiphenyl

Concen: 86.68 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

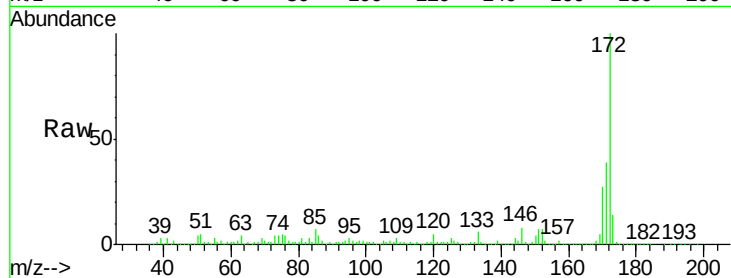
Tgt Ion:172 Resp: 2550679

Ion Ratio Lower Upper

172 100

171 38.8 28.9 43.3

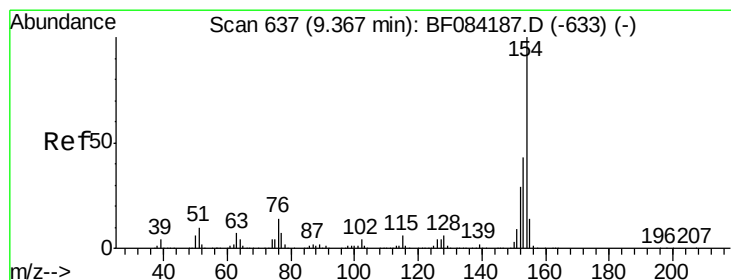
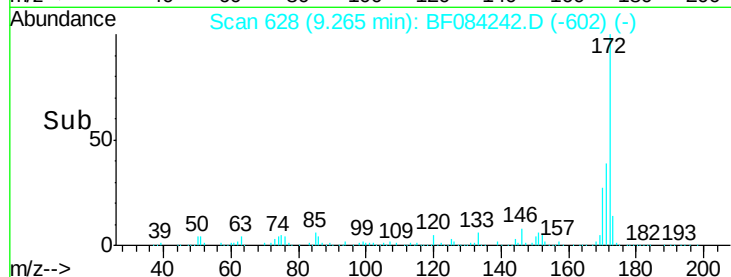
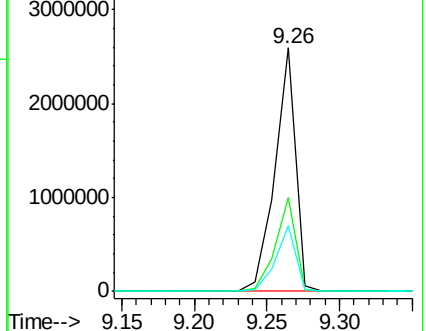
170 26.8 18.6 27.8



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: 42.78 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

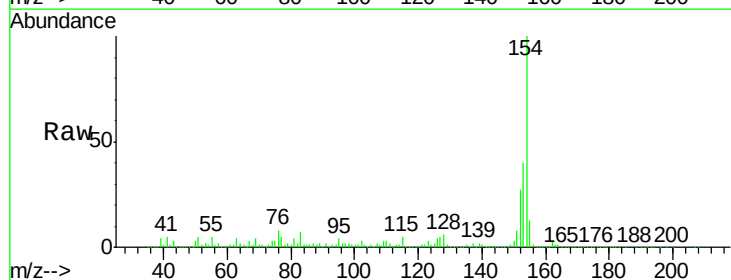
Tgt Ion:154 Resp: 1762341

Ion Ratio Lower Upper

154 100

153 40.4 21.6 61.6

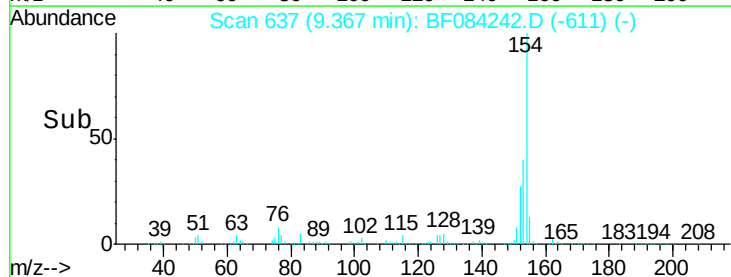
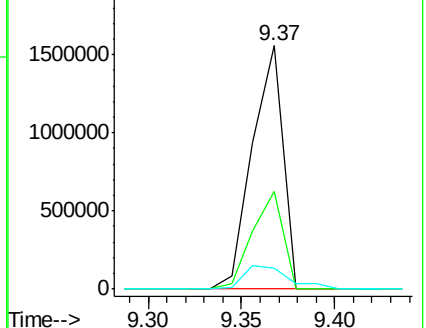
76 8.3 0.0 32.7

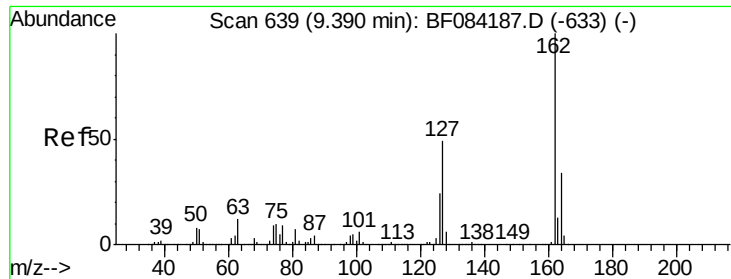


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

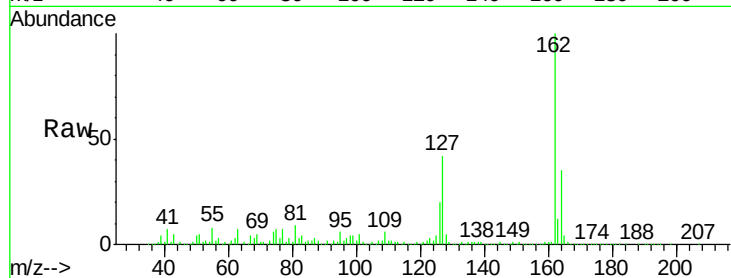




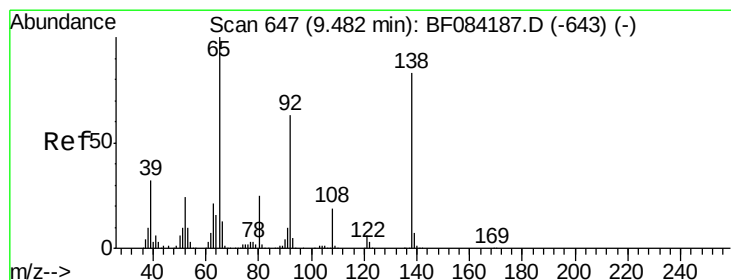
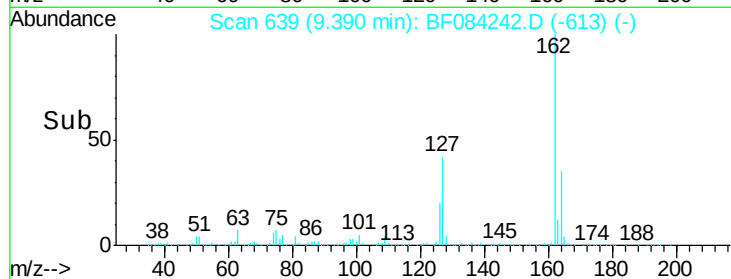
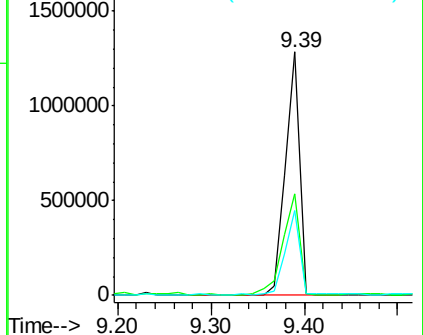
#46
 2-Chloronaphthalene
 Concen: 42.24 ng
 RT: 9.39 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion: 162 Resp: 1366840
 Ion Ratio Lower Upper
 162 100
 127 41.9 40.2 60.4
 164 34.6 25.7 38.5

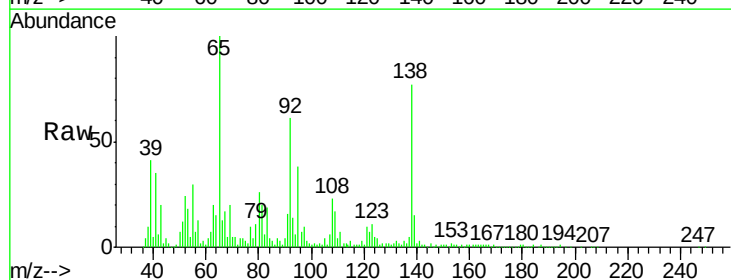


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

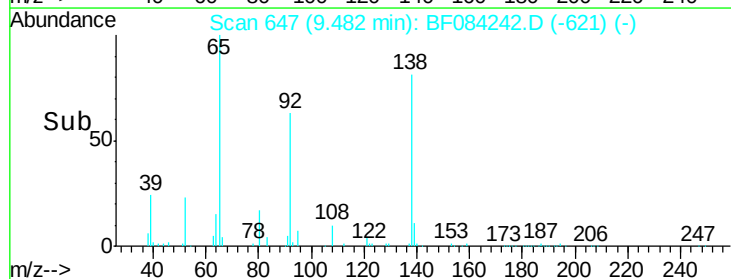
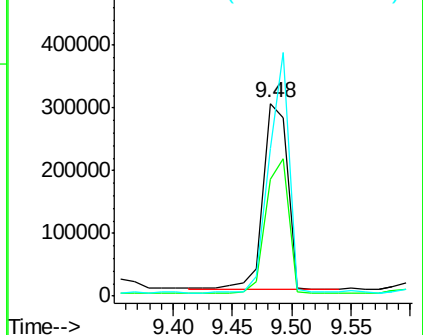


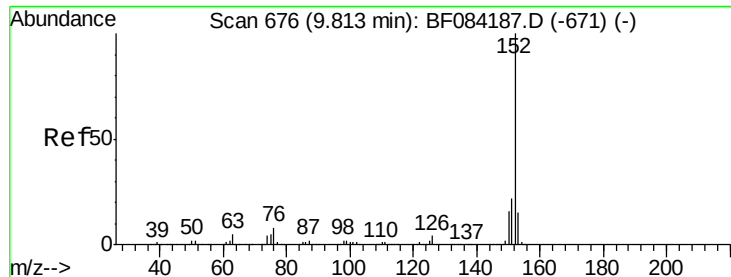
#47
 2-Nitroaniline
 Concen: 40.06 ng
 RT: 9.48 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion: 65 Resp: 427871
 Ion Ratio Lower Upper
 65 100
 92 60.9 53.4 80.2
 138 76.9 71.1 106.7



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





#48

Acenaphthylene

Concen: 37.59 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

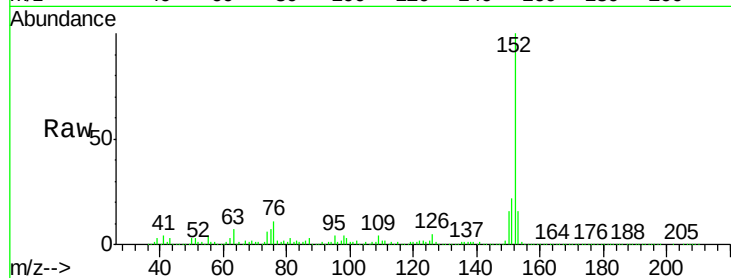
Tgt Ion:152 Resp: 1797247

Ion Ratio Lower Upper

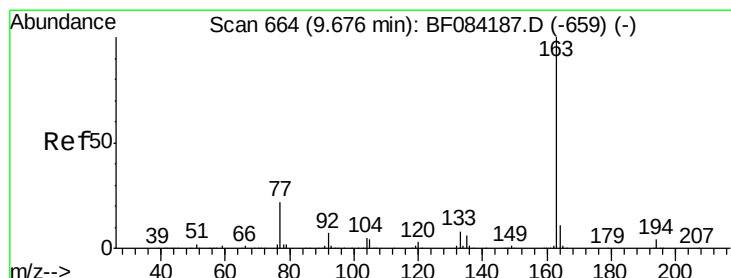
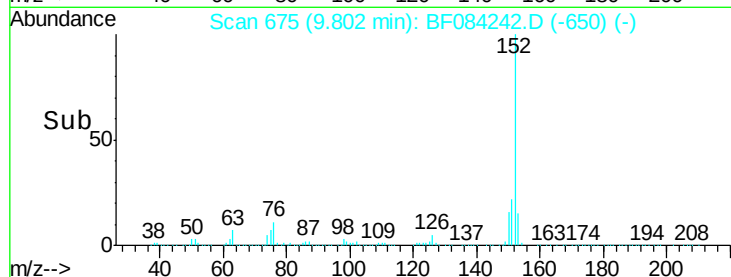
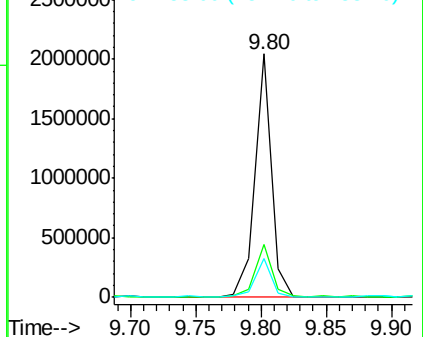
152 100

151 21.8 16.3 24.5

153 15.7 10.4 15.6#



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



#49

Dimethylphthalate

Concen: 44.21 ng

RT: 9.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

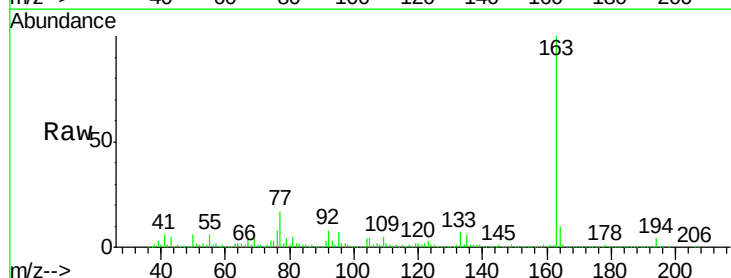
Tgt Ion:163 Resp: 1638230

Ion Ratio Lower Upper

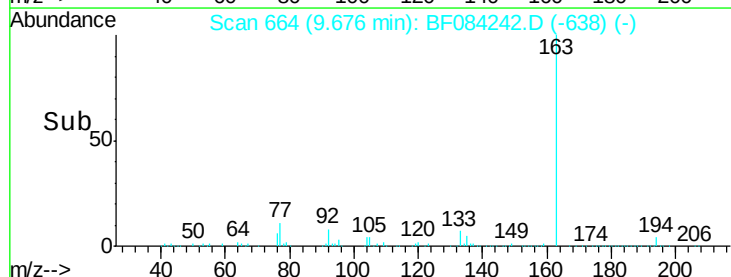
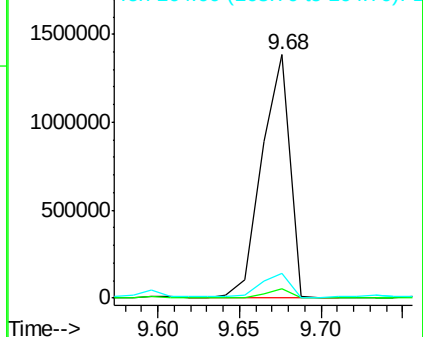
163 100

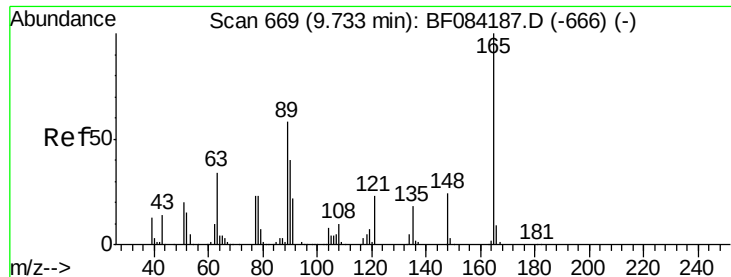
194 3.8 8.0 12.0#

164 10.2 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

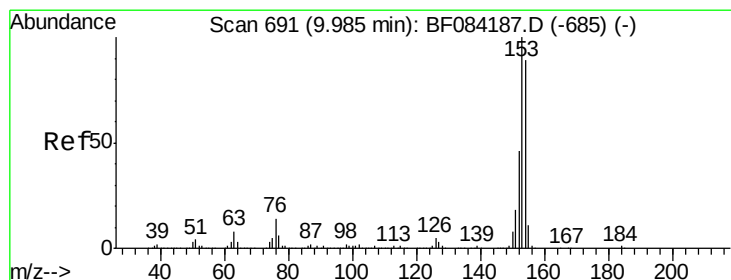
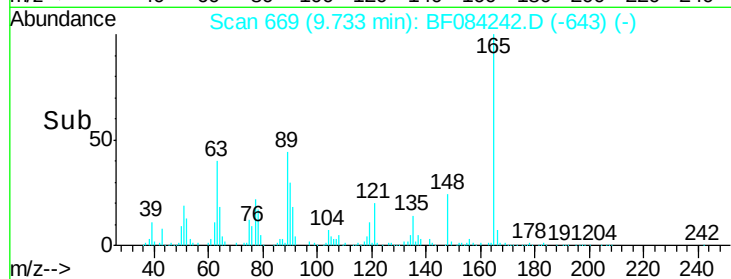
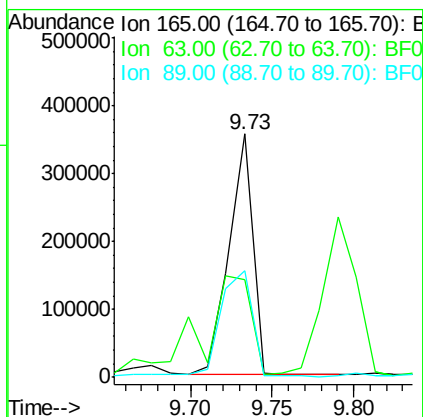
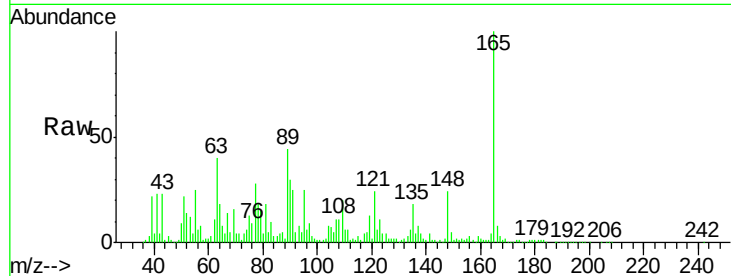




#50
 2,6-Dinitrotoluene
 Concen: 44.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

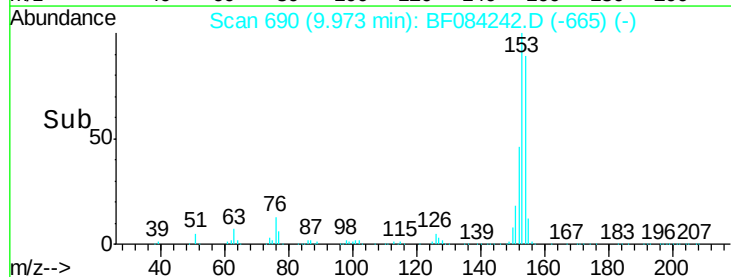
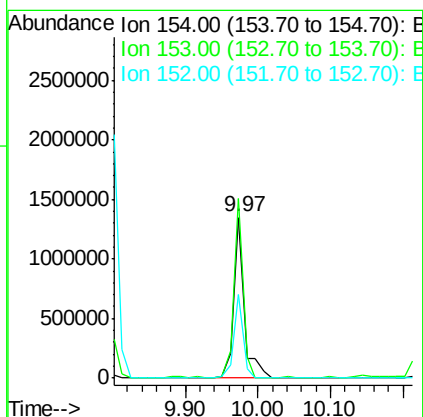
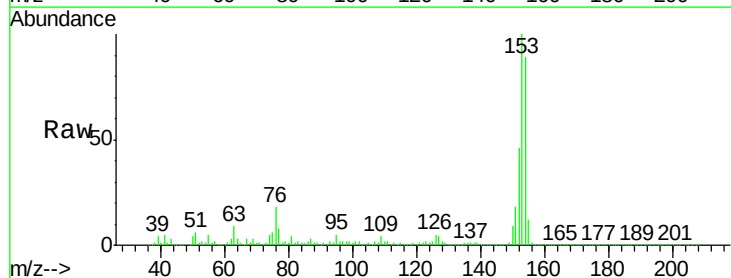
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

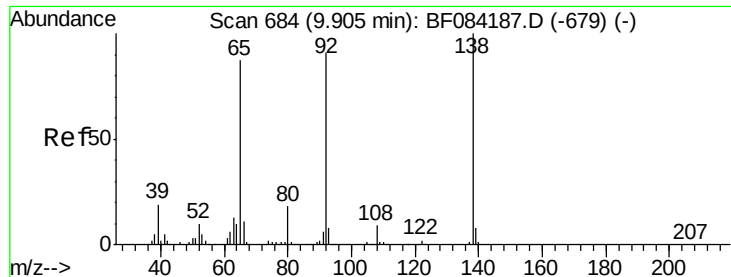
Tgt Ion:165 Resp: 357601
 Ion Ratio Lower Upper
 165 100
 63 40.3 28.8 43.2
 89 43.6 35.1 52.7



#51
 Acenaphthene
 Concen: 41.62 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion:154 Resp: 1334823
 Ion Ratio Lower Upper
 154 100
 153 112.1 91.5 137.3
 152 51.7 43.0 64.6





#52

3-Nitroaniline

Concen: 10.53 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

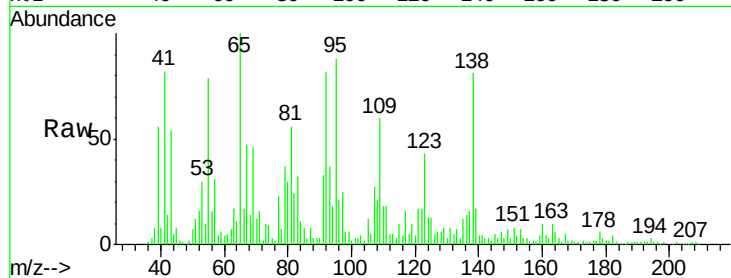
Tgt Ion:138 Resp: 106094

Ion Ratio Lower Upper

138 100

108 26.0 10.5 15.7#

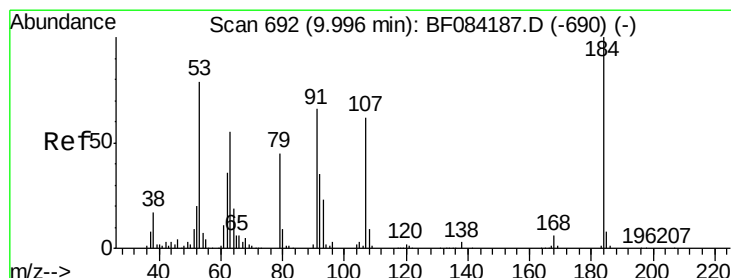
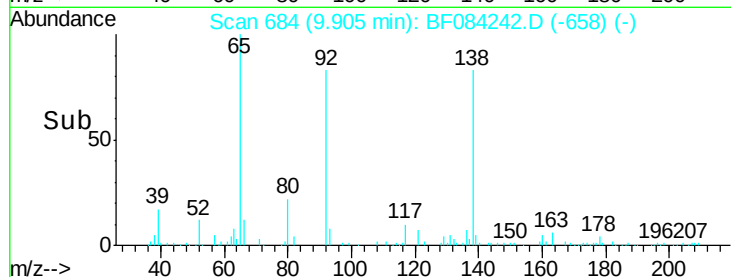
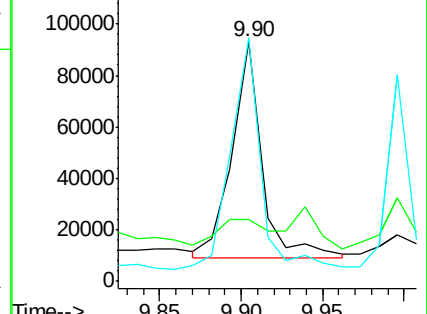
92 101.6 103.9 155.9#



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: 65.88 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

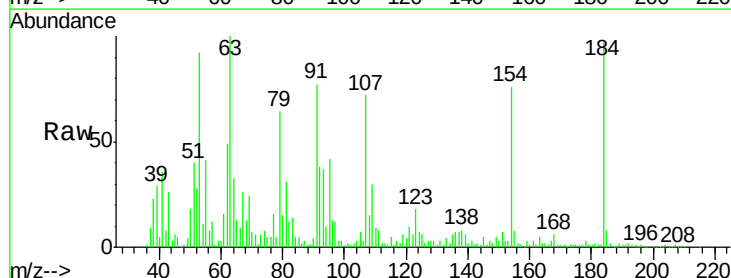
Tgt Ion:184 Resp: 225843

Ion Ratio Lower Upper

184 100

63 103.5 43.1 64.7#

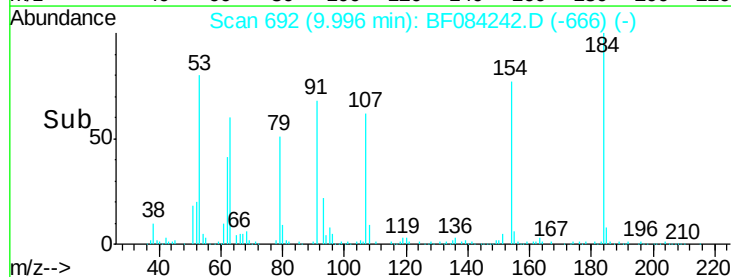
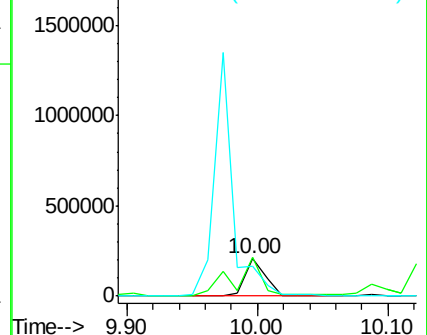
154 78.5 60.5 90.7

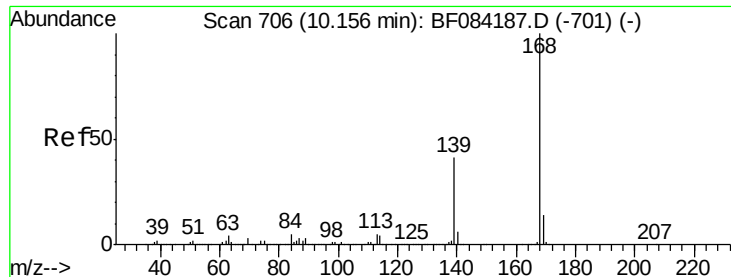


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 37.64 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

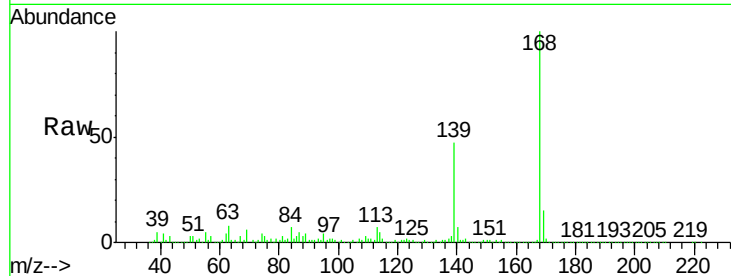
Tgt Ion:168 Resp: 1583787

Ion Ratio Lower Upper

168 100

139 47.3 30.5 45.7#

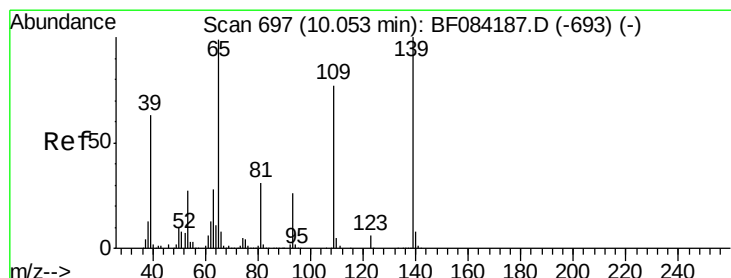
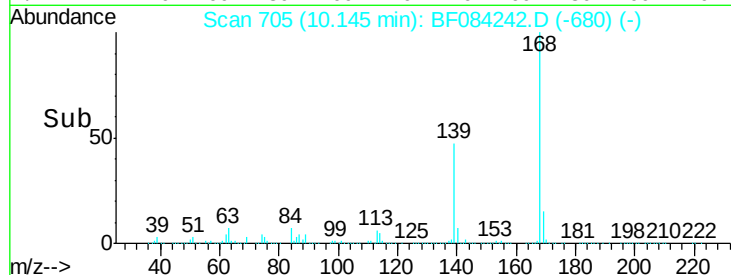
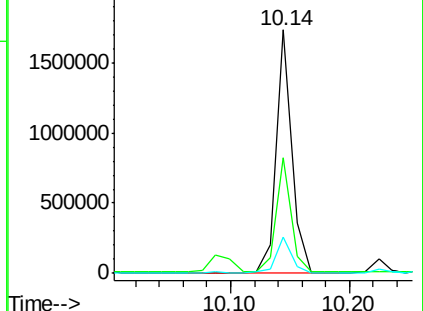
169 14.6 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 23.45 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.03 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

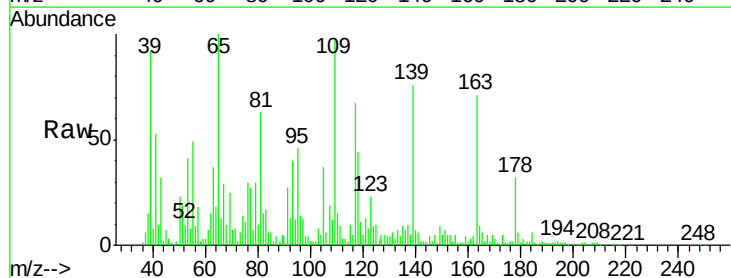
Tgt Ion:139 Resp: 171429

Ion Ratio Lower Upper

139 100

109 129.4 58.5 98.5#

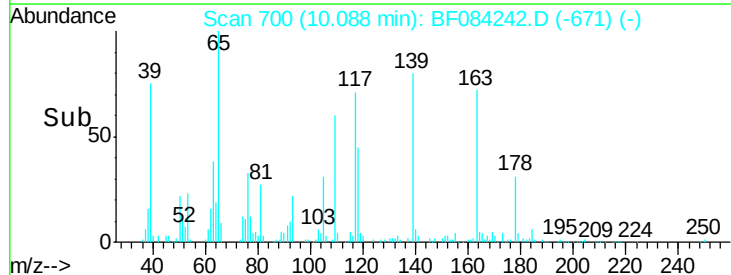
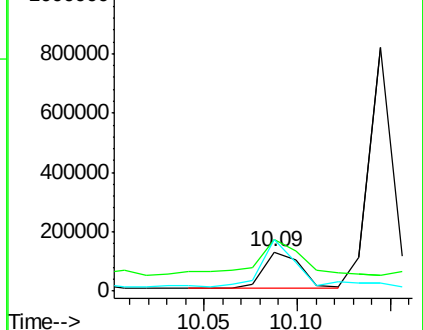
65 131.6 57.6 97.6#

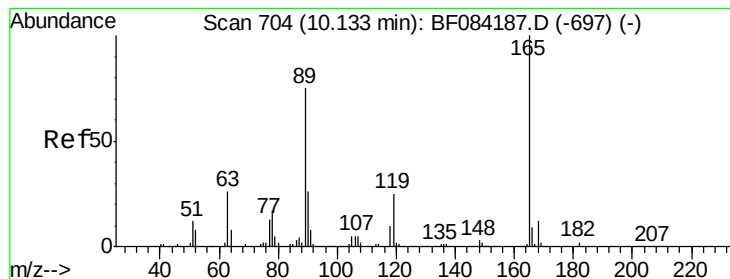


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 44.52 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion:165 Resp: 457961

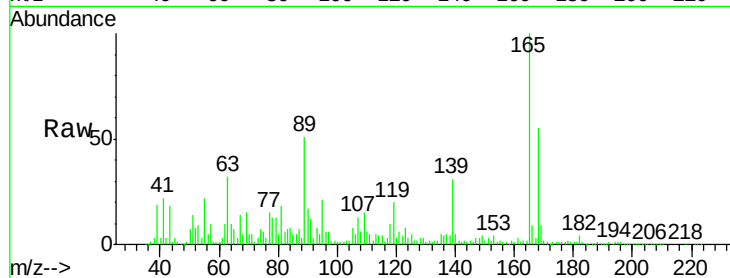
Ion Ratio Lower Upper

165 100

63 32.0 36.7 55.1#

89 50.8 61.9 92.9#

182 3.6 2.0 3.0#

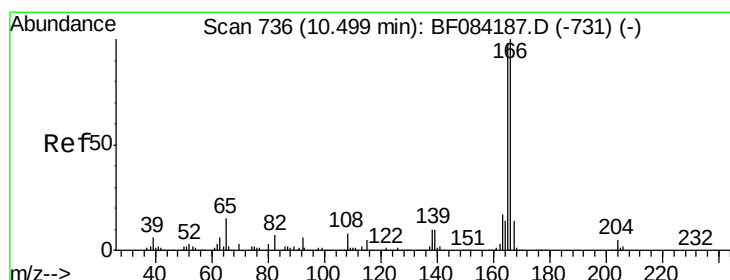
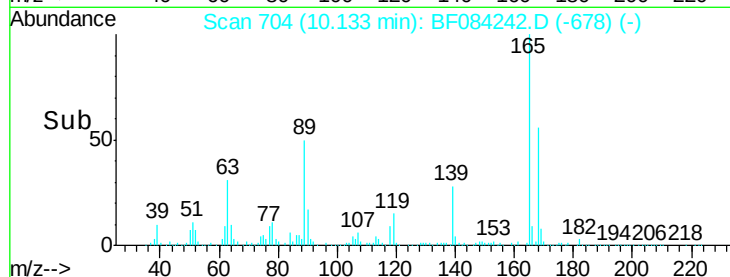
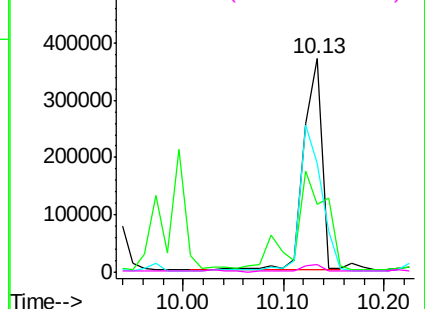


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 37.56 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

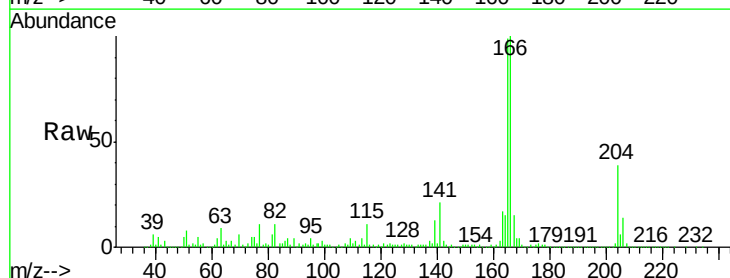
Tgt Ion:166 Resp: 1218953

Ion Ratio Lower Upper

166 100

165 99.0 79.1 118.7

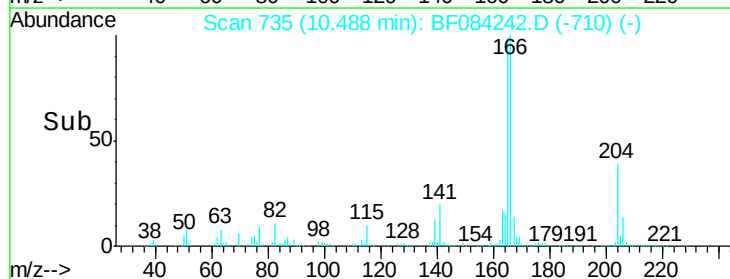
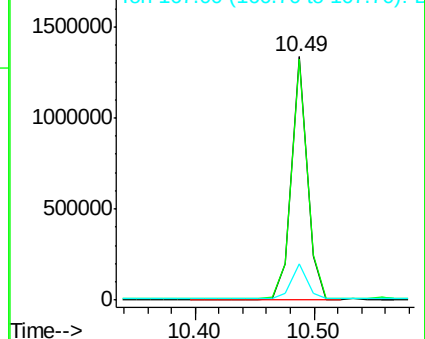
167 14.7 10.4 15.6

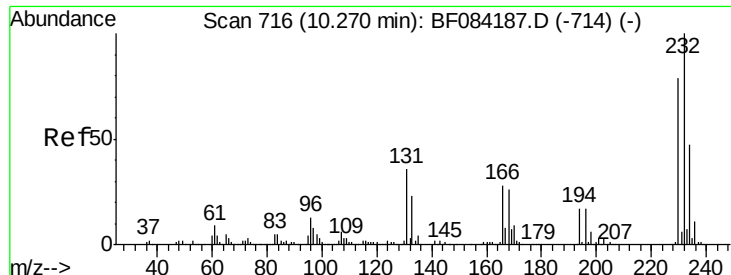


Abundance Ion 166.00 (165.70 to 166.70): E

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: 34.43 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion:232 Resp: 314197

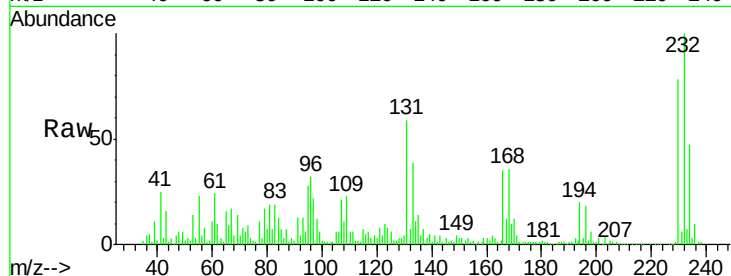
Ion Ratio Lower Upper

232 100

131 55.3 47.0 70.6

130 4.0 2.0 3.0#

166 33.7 30.5 45.7

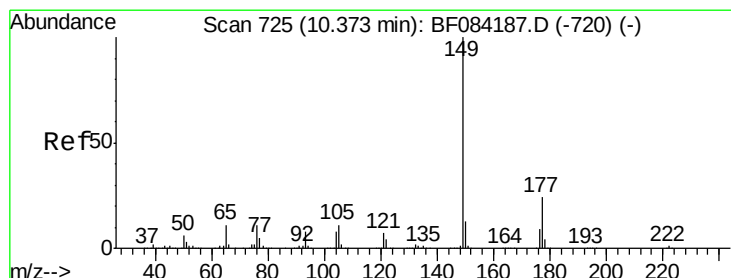
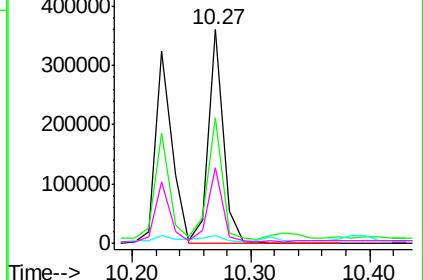
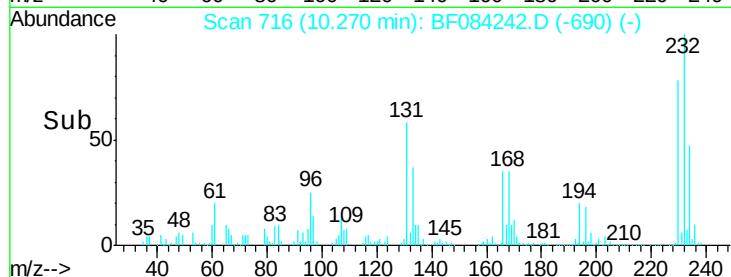


Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.58 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

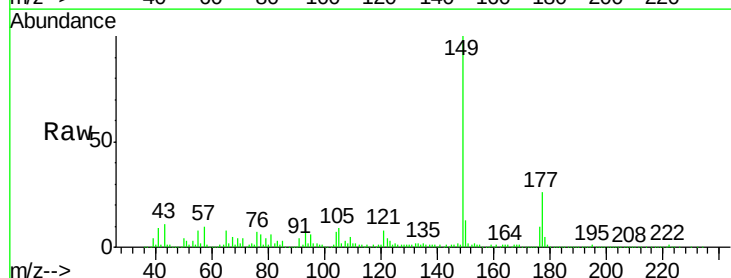
Tgt Ion:149 Resp: 1446103

Ion Ratio Lower Upper

149 100

177 25.7 17.3 25.9

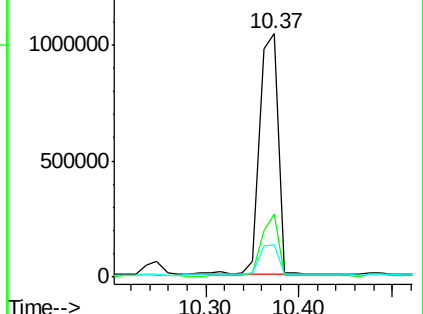
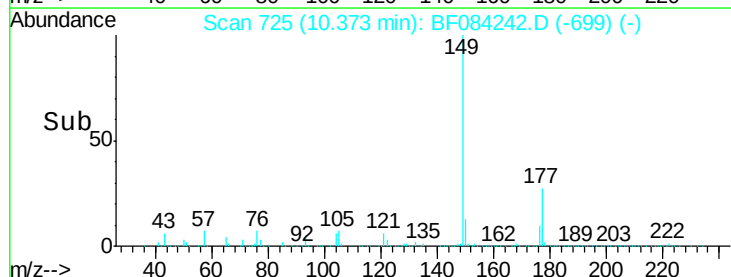
150 13.3 9.8 14.8

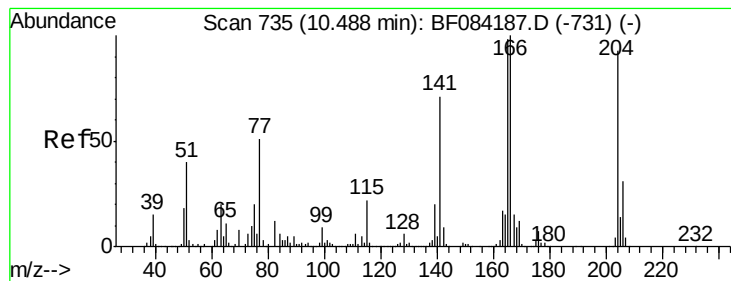


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 45.66 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

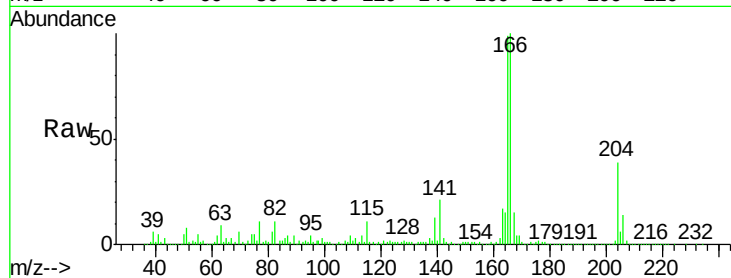
Tgt Ion:204 Resp: 617274

Ion Ratio Lower Upper

204 100

206 34.5 25.7 38.5

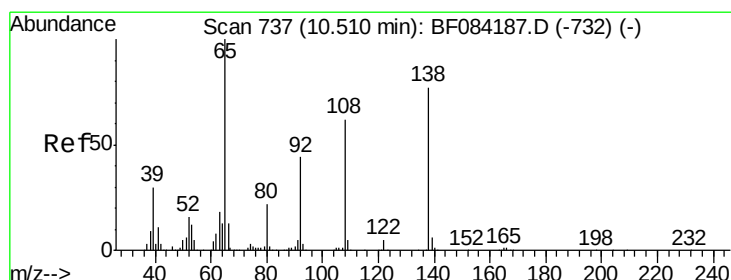
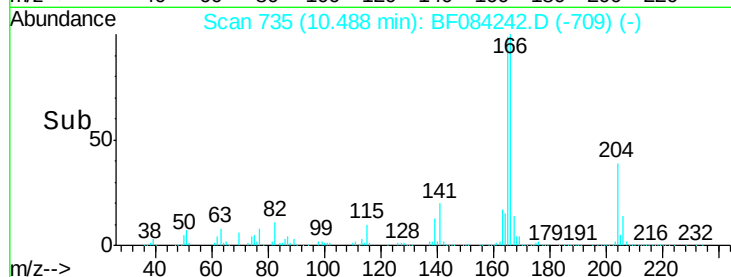
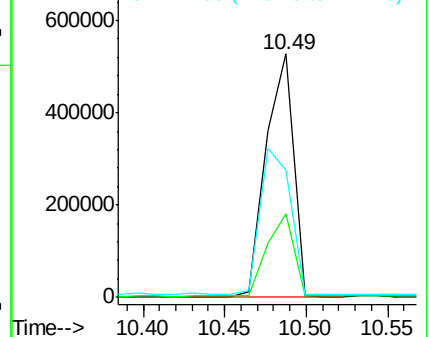
141 52.4 55.1 82.7#



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: 13.61 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

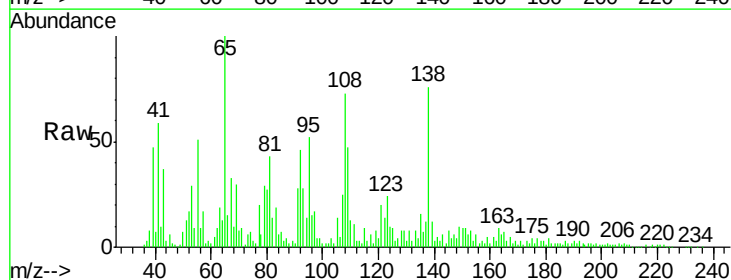
Tgt Ion:138 Resp: 122195

Ion Ratio Lower Upper

138 100

92 59.9 32.6 72.6

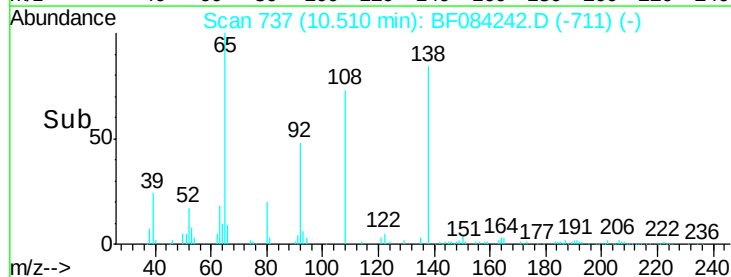
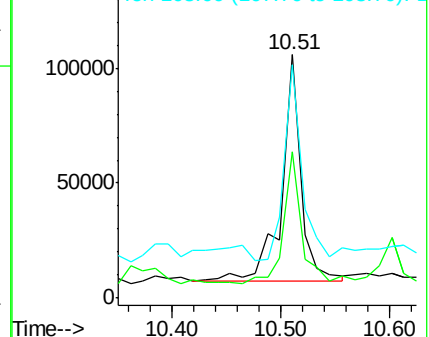
108 95.7 68.6 108.6

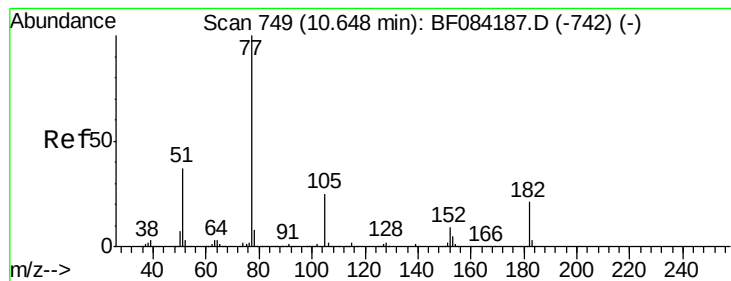


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 37.61 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

Tgt Ion: 77 Resp: 1507099

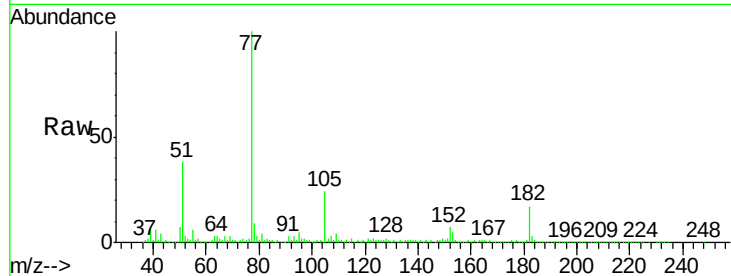
Ion	Ratio	Lower	Upper
77	100		
182	16.5	8.3	48.3
105	23.5	4.6	44.6
51	37.7	6.2	46.2

77 100

182 16.5 8.3 48.3

105 23.5 4.6 44.6

51 37.7 6.2 46.2

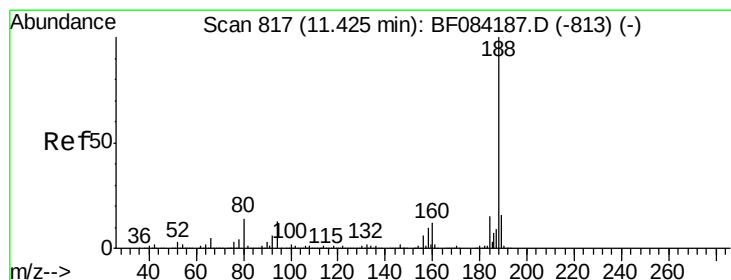
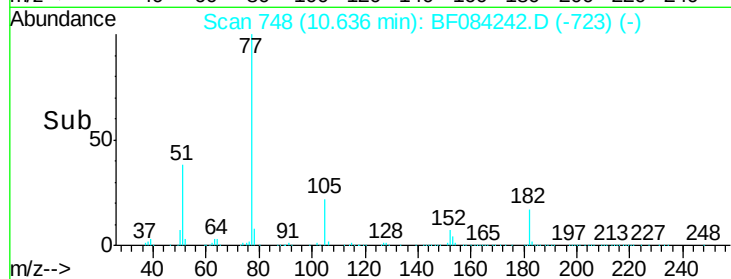
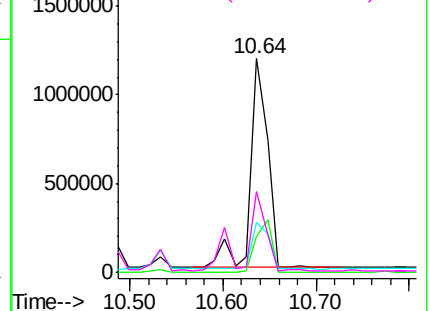


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

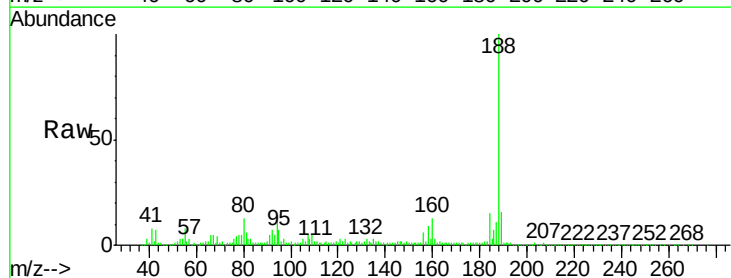
Tgt Ion: 188 Resp: 766928

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.4
80	12.6	9.6	14.4

188 100

94 12.2 9.0 13.4

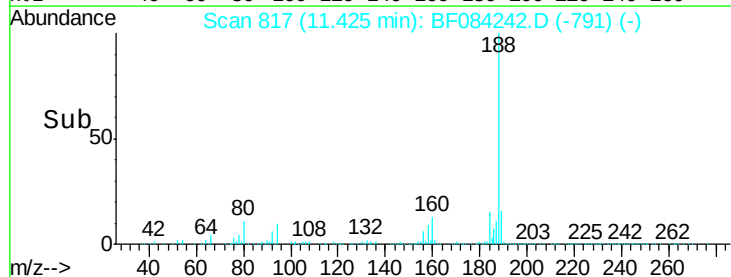
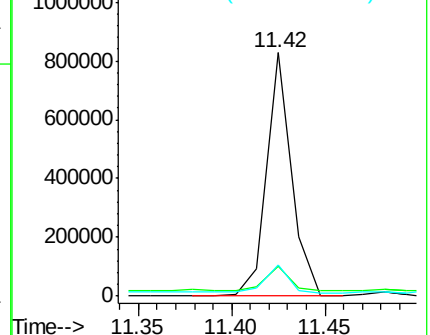
80 12.6 9.6 14.4

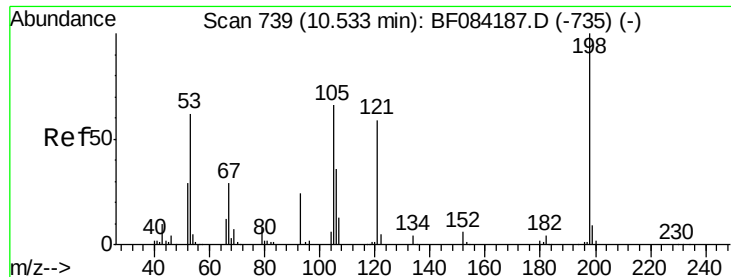


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

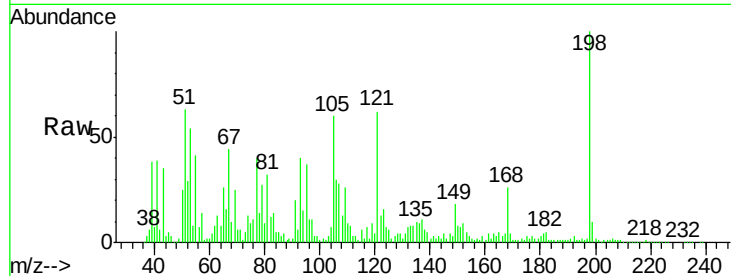




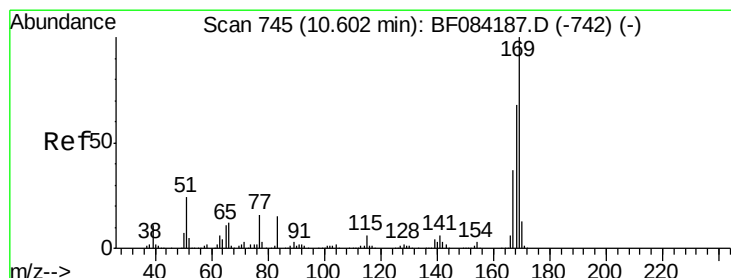
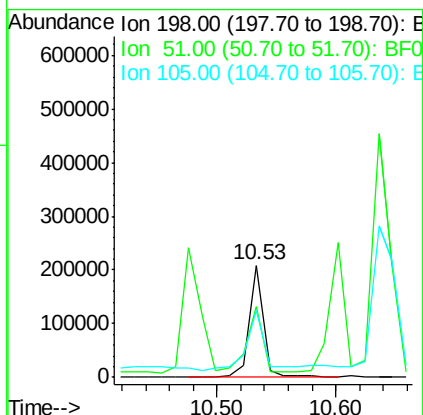
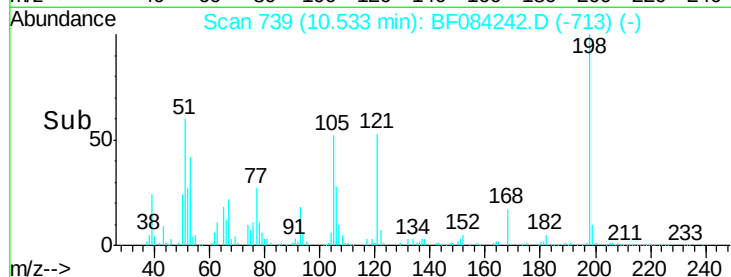
#64
4,6-Dinitro-2-methylphenol
Concen: 36.88 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:198 Resp: 172589
Ion Ratio Lower Upper
198 100
51 63.2 18.9 58.9#
105 59.6 26.4 66.4

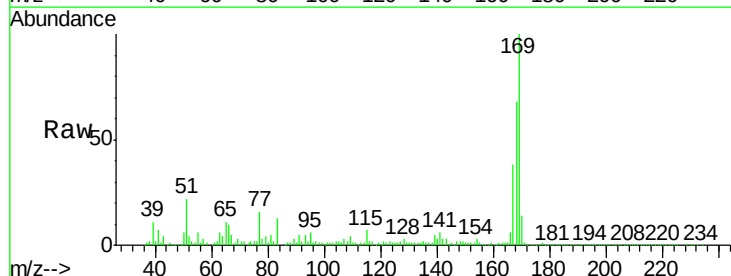


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

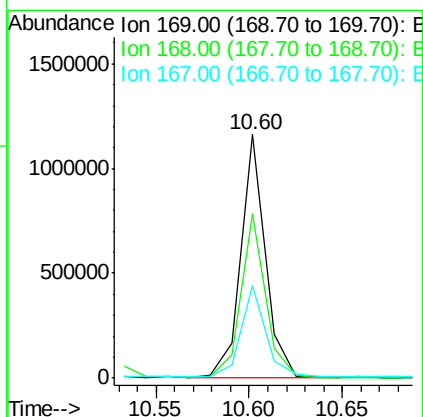
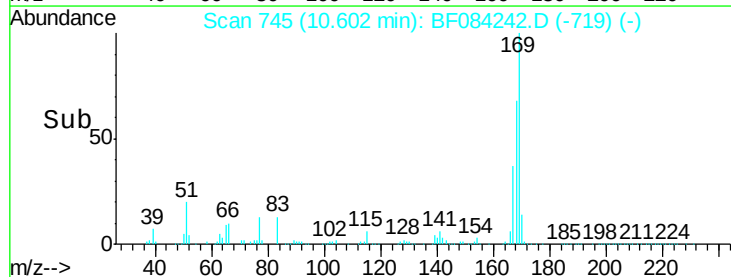


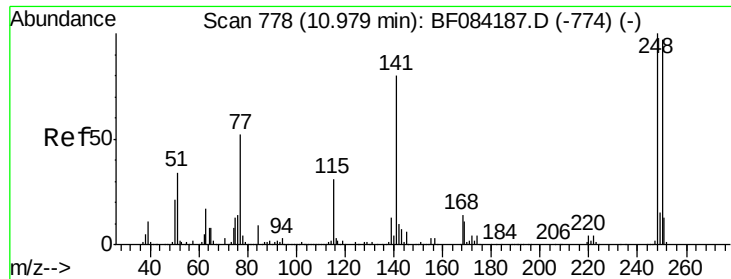
#65
n-Nitrosodiphenylamine
Concen: 43.12 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:169 Resp: 1057276
Ion Ratio Lower Upper
169 100
168 67.6 55.1 82.7
167 38.2 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

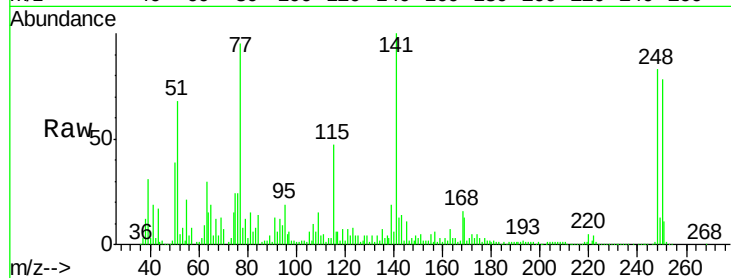




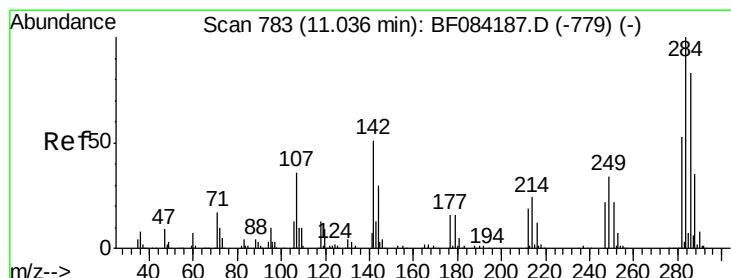
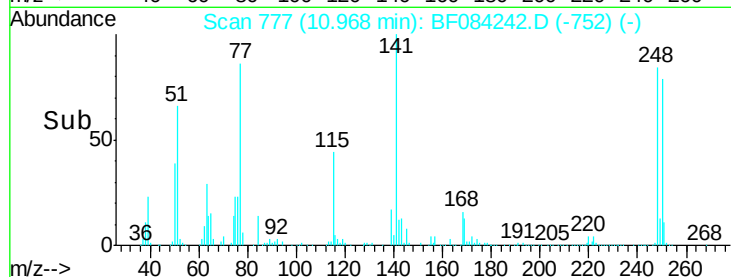
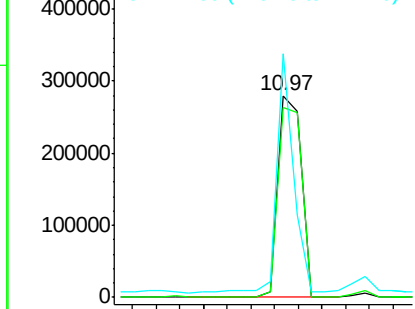
#66
 4-Bromophenyl-phenylether
 Concen: 45.74 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

Tgt Ion:248 Resp: 377555
 Ion Ratio Lower Upper
 248 100
 250 94.2 78.4 117.6
 141 120.8 44.0 66.0#

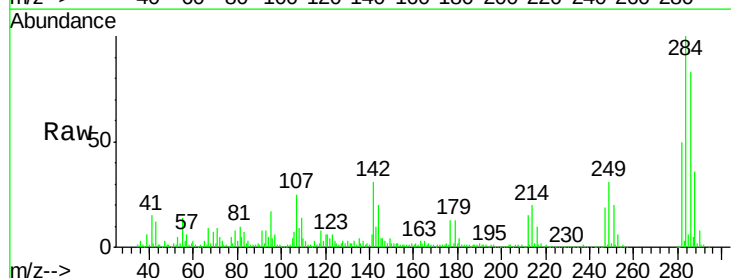


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

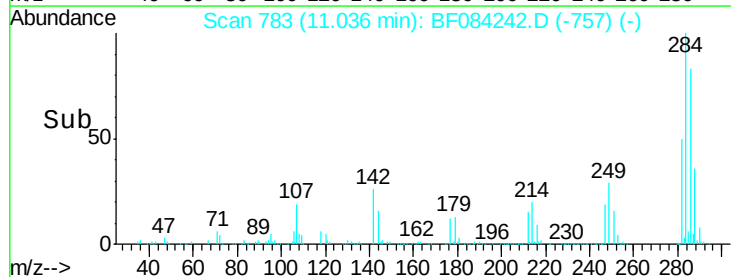
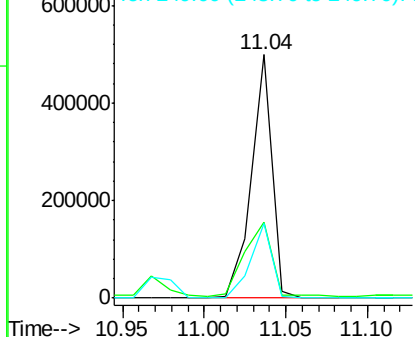


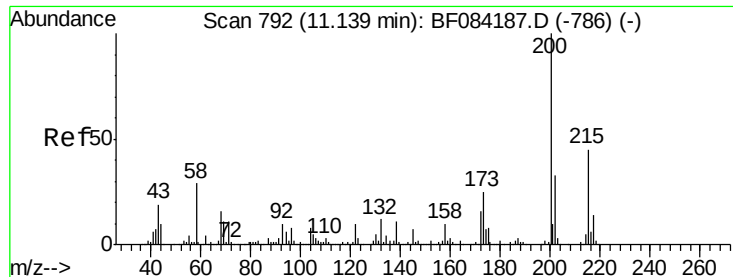
#67
 Hexachlorobenzene
 Concen: 47.01 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion:284 Resp: 436801
 Ion Ratio Lower Upper
 284 100
 142 31.4 22.2 33.4
 249 30.9 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

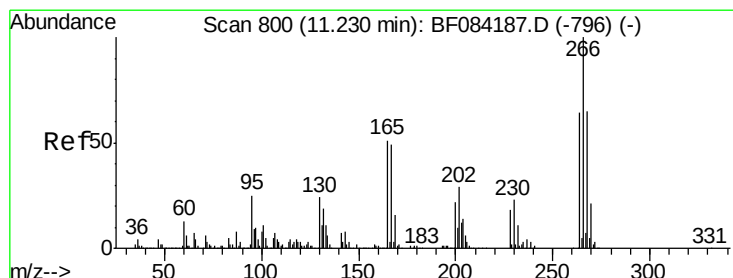
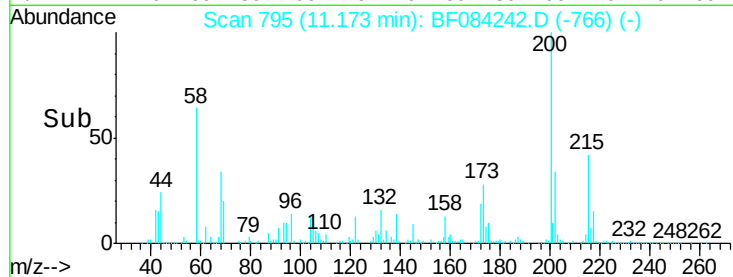
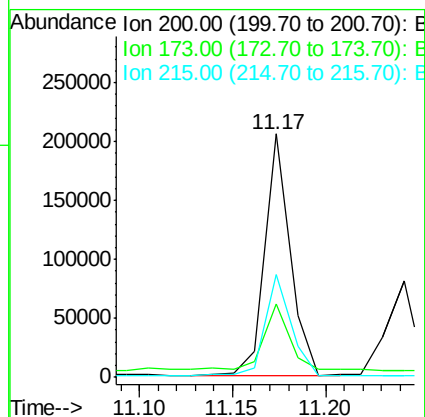
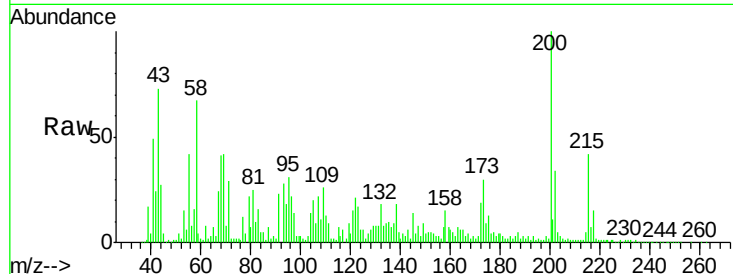




#68
Atrazine
Concen: 23.95 ng
RT: 11.17 min Scan# 795
Delta R.T. 0.03 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

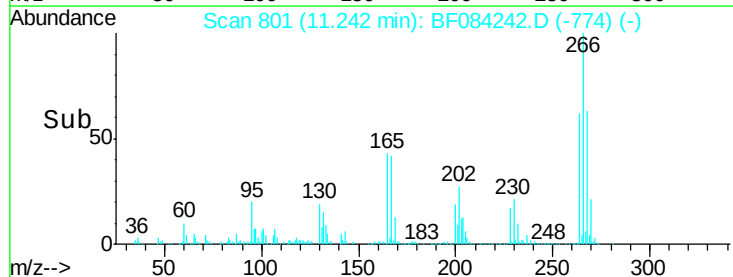
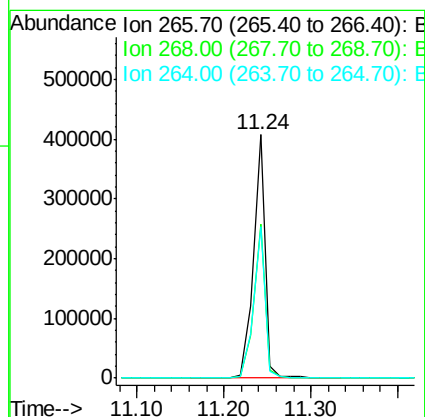
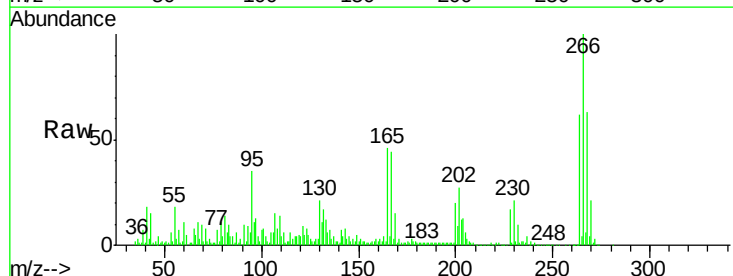
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

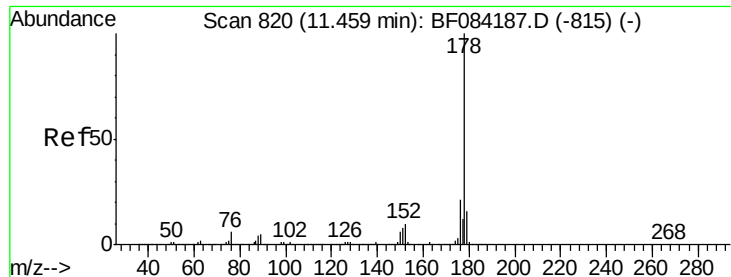
Tgt Ion:200 Resp: 192162
Ion Ratio Lower Upper
200 100
173 30.2 9.5 49.5
215 42.1 23.8 63.8



#69
Pentachlorophenol
Concen: 80.45 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:266 Resp: 387566
Ion Ratio Lower Upper
266 100
268 63.3 52.4 78.6
264 62.3 50.2 75.2





#70

Phenanthrene

Concen: 41.76 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

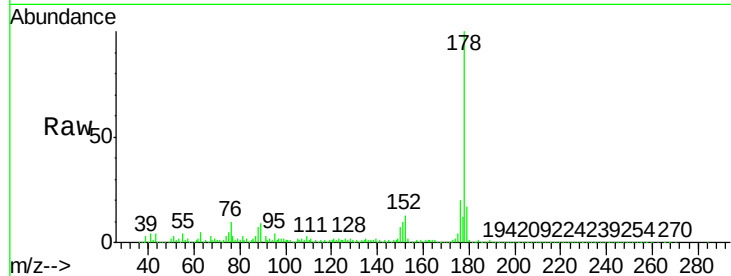
Tgt Ion:178 Resp: 1675367

Ion Ratio Lower Upper

178 100

176 20.5 15.3 22.9

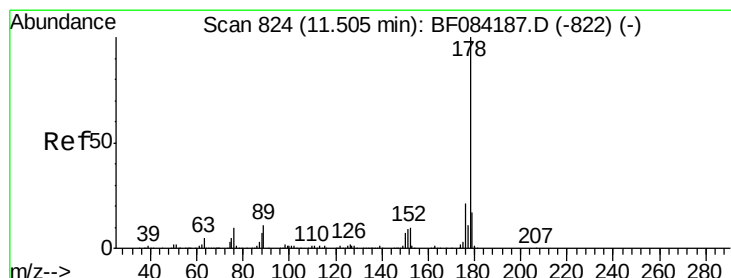
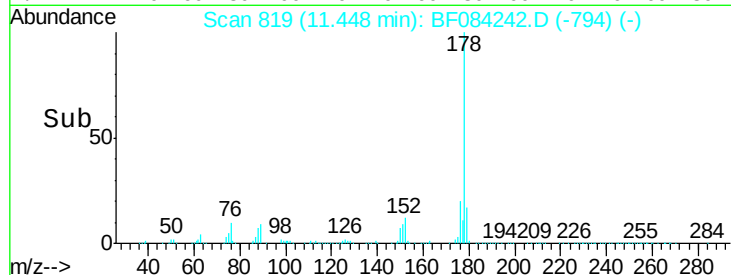
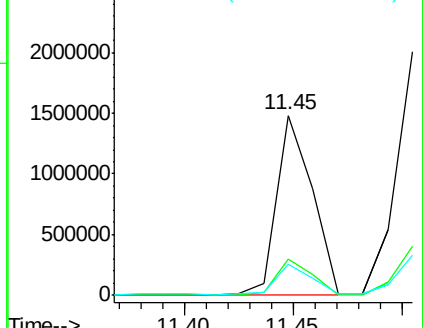
179 17.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 45.37 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

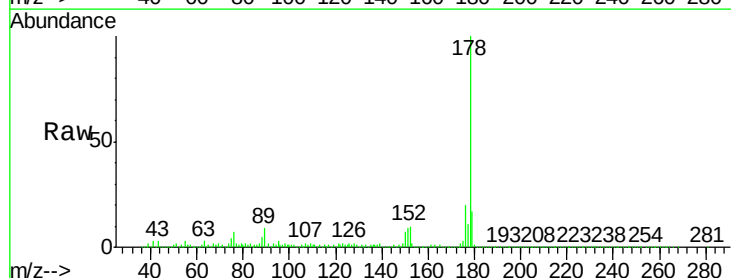
Tgt Ion:178 Resp: 1784236

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.0

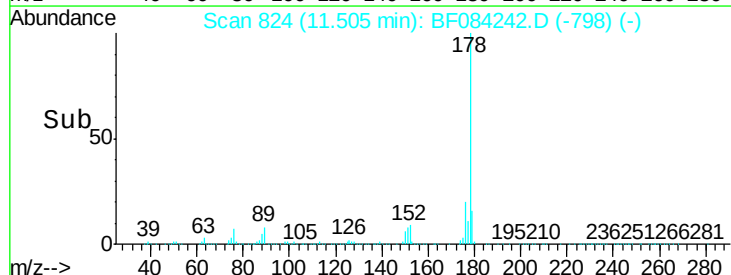
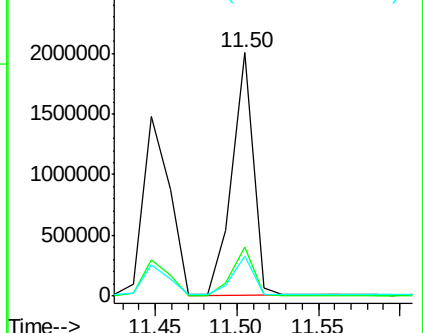
179 16.6 12.5 18.7

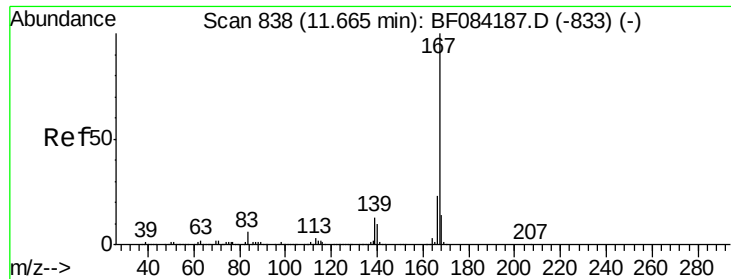


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

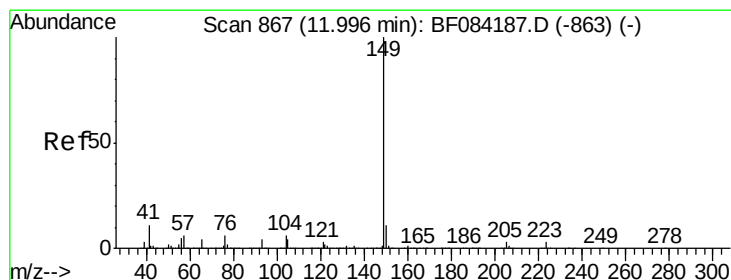
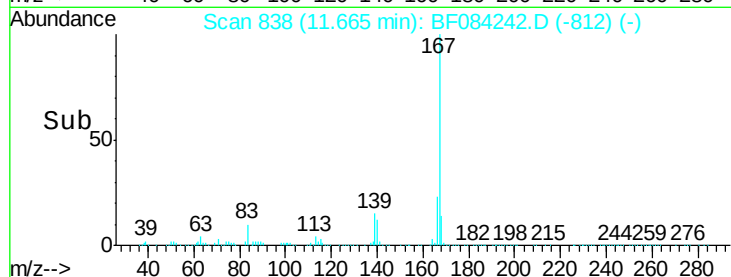
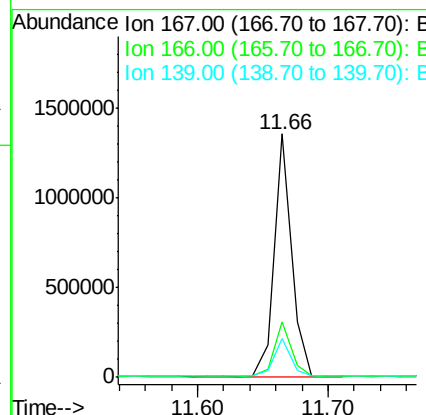
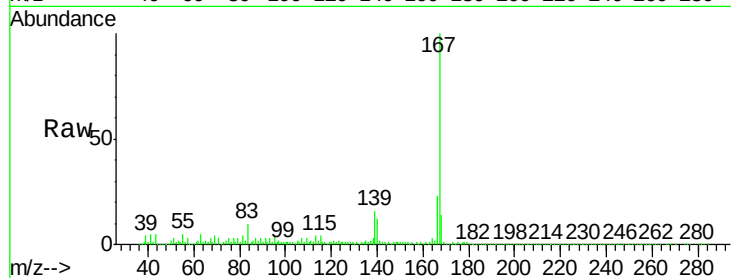




#72
 Carbazole
 Concen: 32.90 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

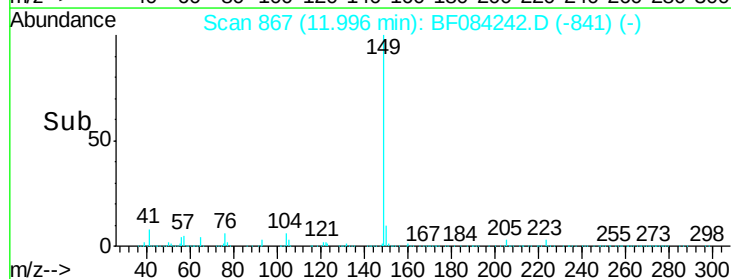
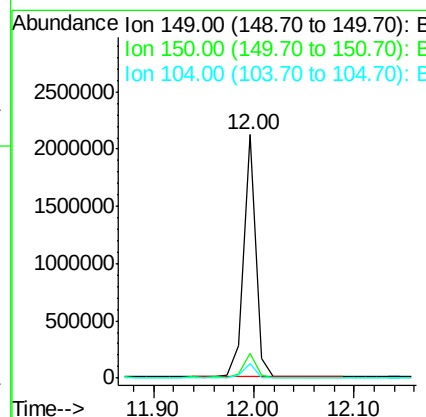
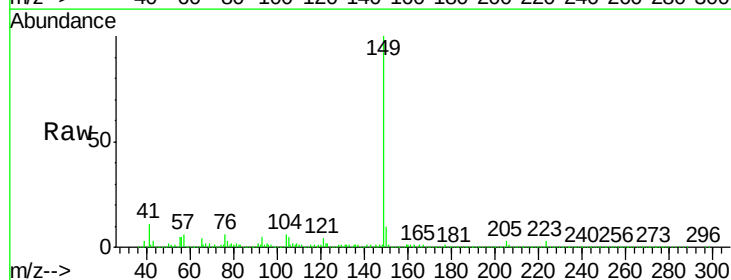
Instrument :
 BNA_F
 ClientSampleId :
 S8-0529MSD

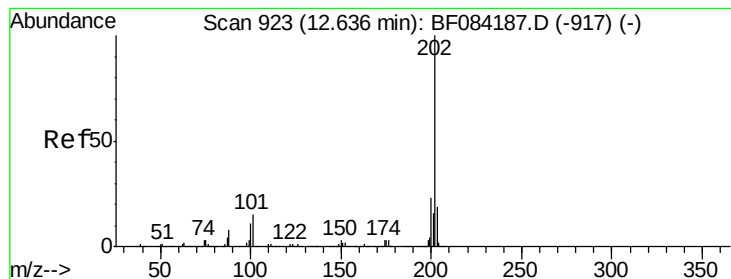
Tgt Ion:167 Resp: 1264789
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 15.7 11.8 17.8



#73
 Di-n-butylphthalate
 Concen: 41.84 ng
 RT: 12.00 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF084242.D
 Acq: 4 Jan 2016 16:45

Tgt Ion:149 Resp: 1740976
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.1 10.7
 104 6.0 3.2 4.8





#74

Fluoranthene

Concen: 33.95 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

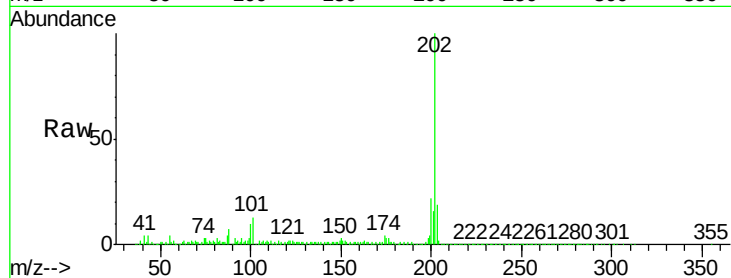
Tgt Ion:202 Resp: 1422932

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.8

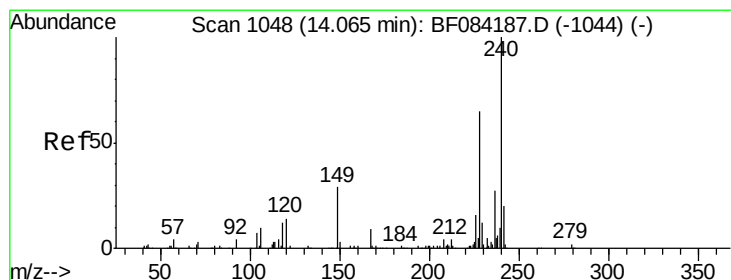
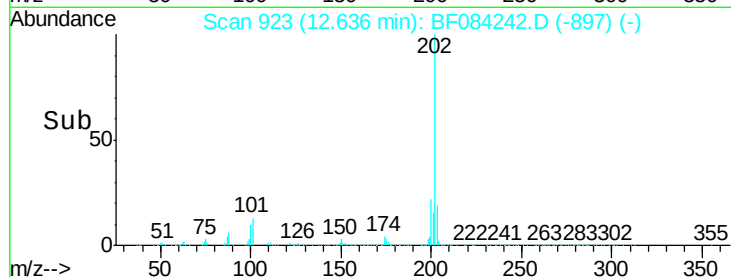
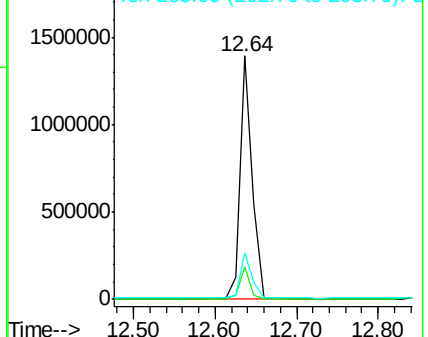
203 18.9 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

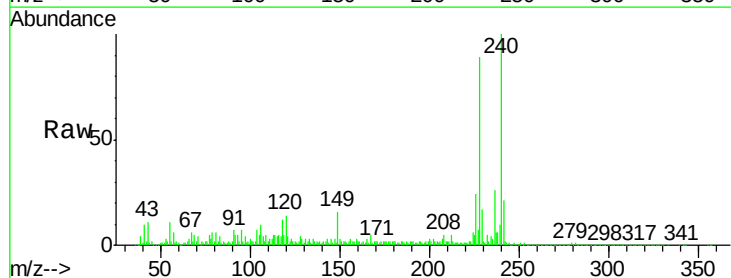
Tgt Ion:240 Resp: 516085

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

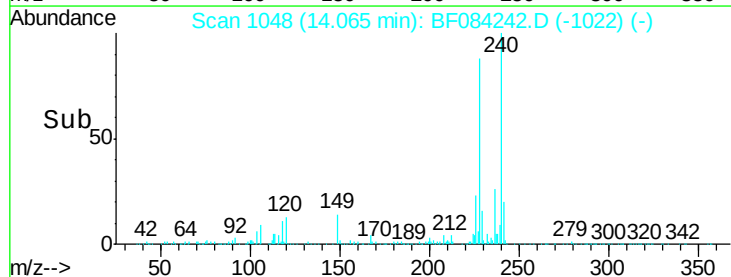
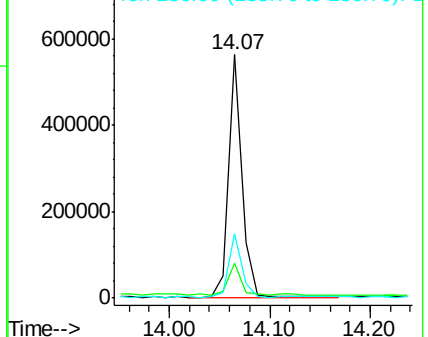
236 26.3 20.6 31.0

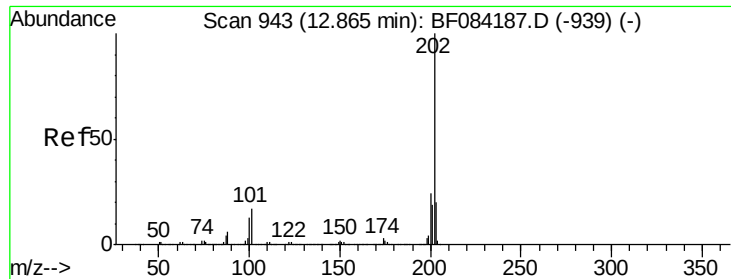


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 34.20 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

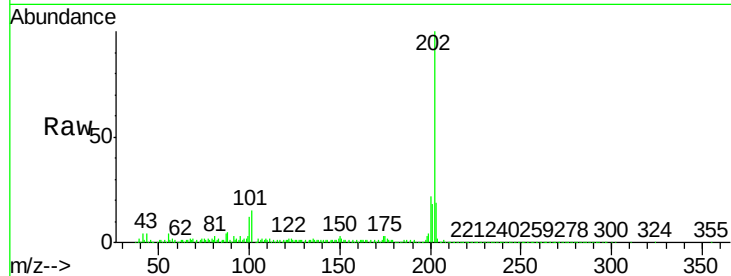
Tgt Ion:202 Resp: 1385150

Ion Ratio Lower Upper

202 100

200 22.0 17.2 25.8

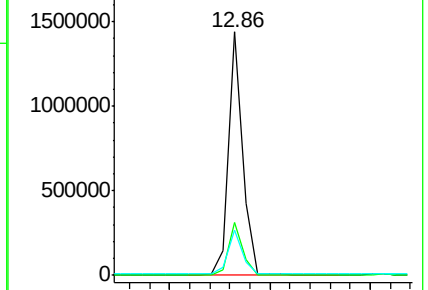
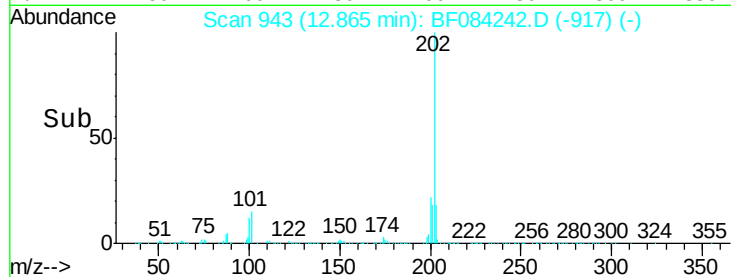
203 18.8 14.3 21.5



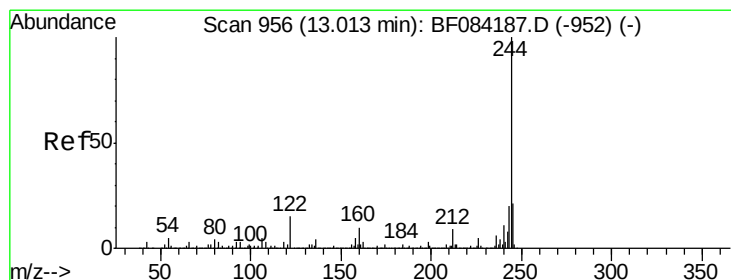
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 69.97 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

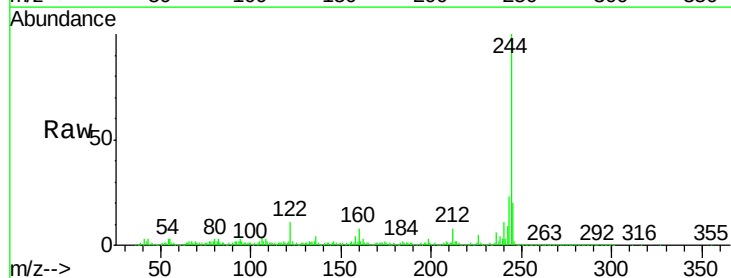
Tgt Ion:244 Resp: 1617611

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

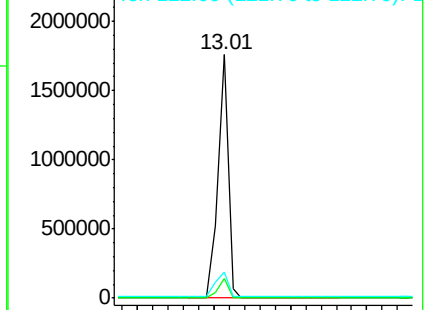
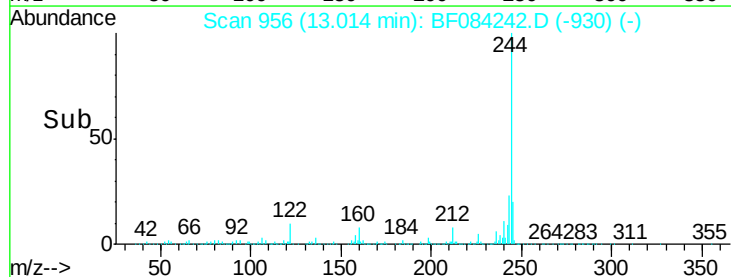
122 10.9 7.4 11.0



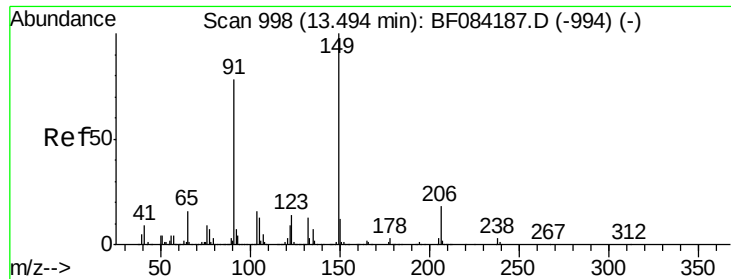
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#79

Butylbenzylphthalate

Concen: 35.23 ng

RT: 13.49 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

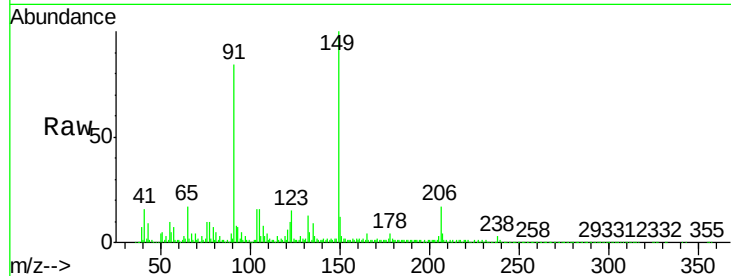
Tgt Ion:149 Resp: 617398

Ion Ratio Lower Upper

149 100

91 84.3 57.6 86.4

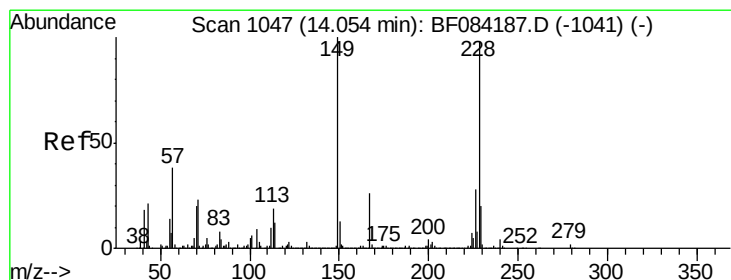
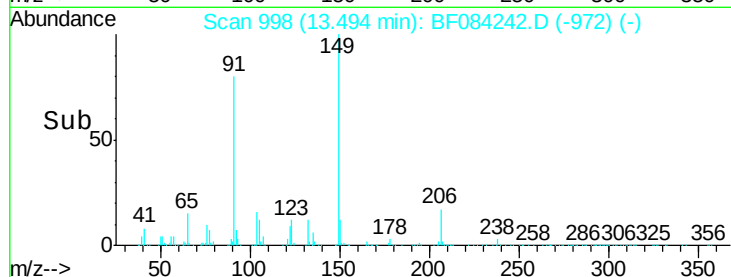
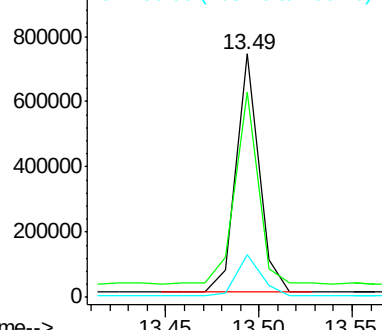
206 17.4 13.2 19.8



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: 39.36 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

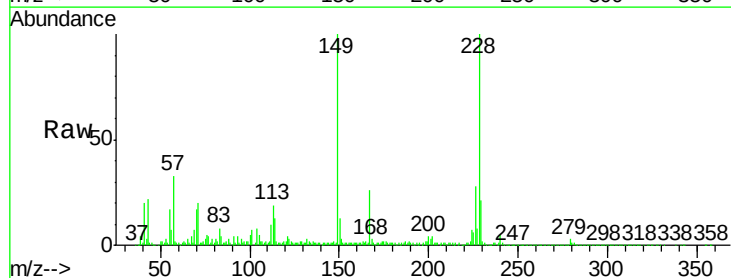
Tgt Ion:228 Resp: 1192777

Ion Ratio Lower Upper

228 100

226 28.2 21.8 32.6

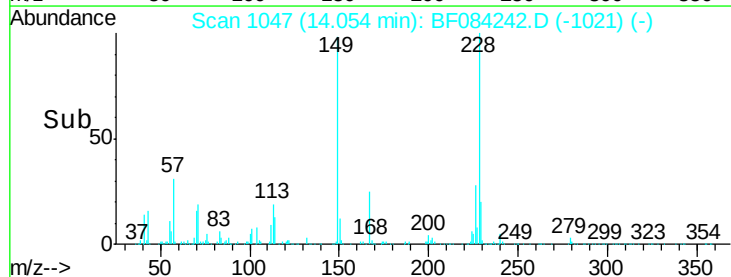
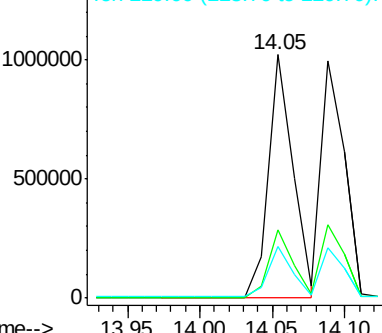
229 21.0 15.8 23.8

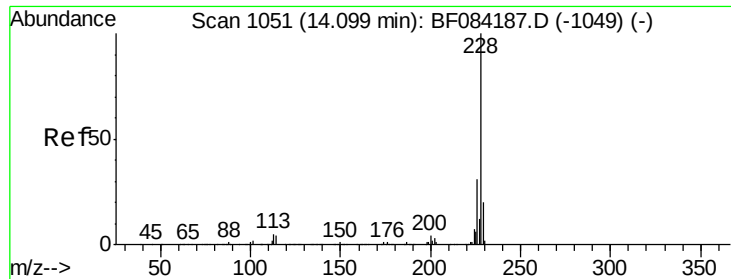


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 38.82 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

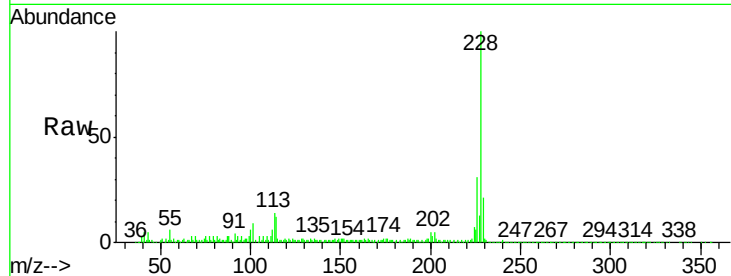
Tgt Ion:228 Resp: 1130455

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

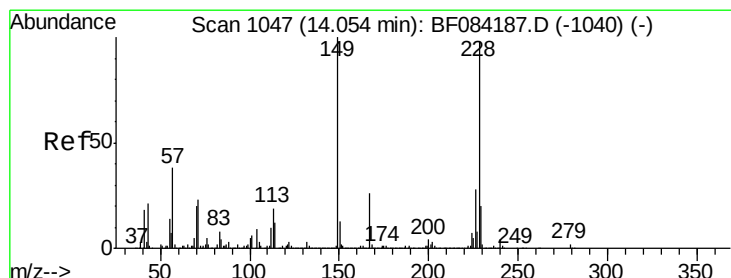
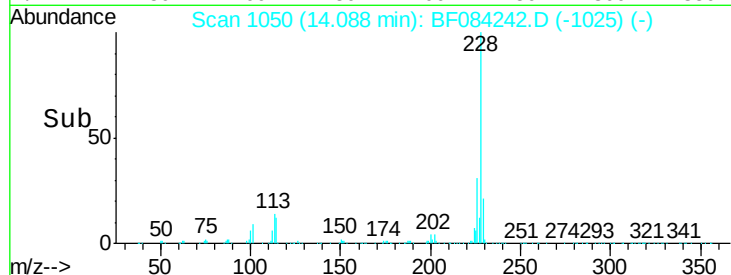
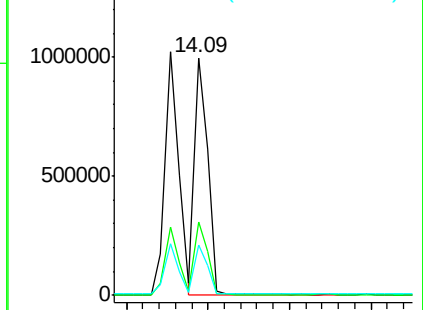
229 21.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.18 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

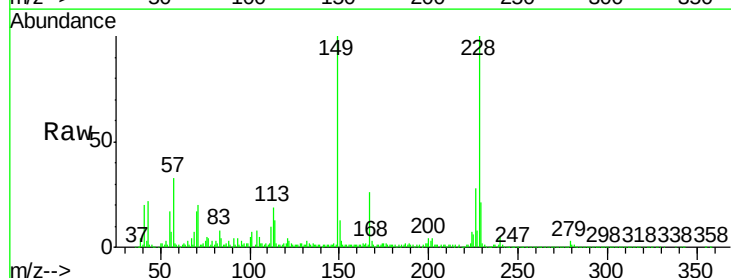
Tgt Ion:149 Resp: 845406

Ion Ratio Lower Upper

149 100

167 26.2 19.7 29.5

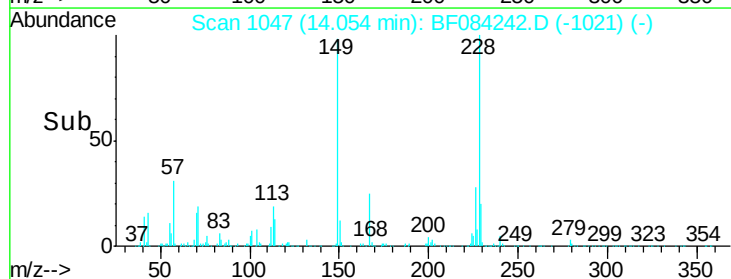
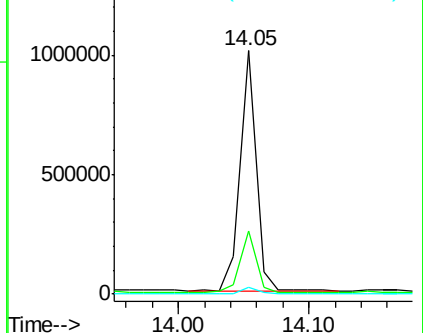
279 2.7 1.8 2.6#

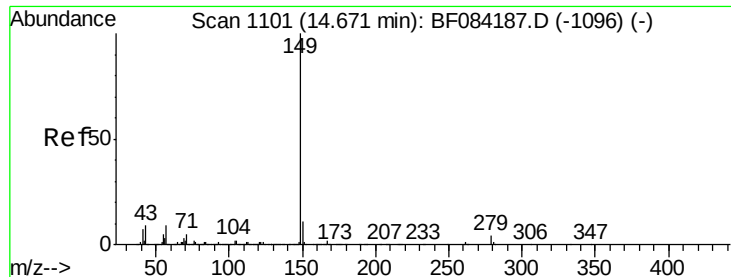


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 42.80 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

Instrument :

BNA_F

ClientSampleId :

S8-0529MSD

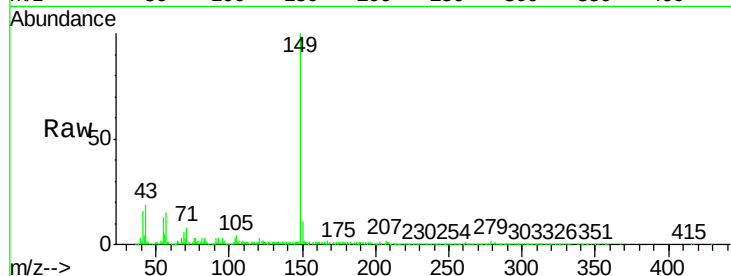
Tgt Ion:149 Resp: 1599838

Ion Ratio Lower Upper

149 100

167 2.0 1.2 1.8#

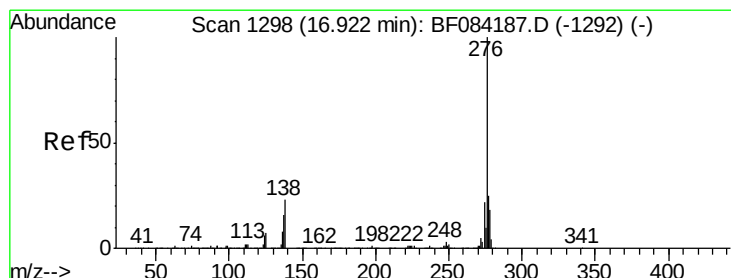
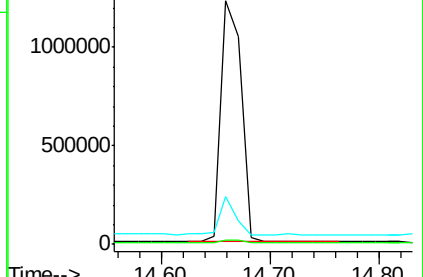
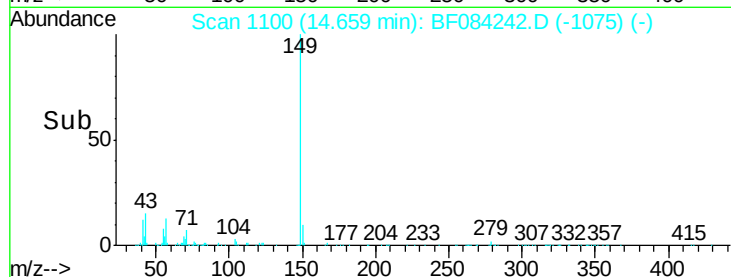
43 12.4 5.6 8.4#



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: 75.74 ng

RT: 16.95 min Scan# 1300

Delta R.T. 0.02 min

Lab File: BF084242.D

Acq: 4 Jan 2016 16:45

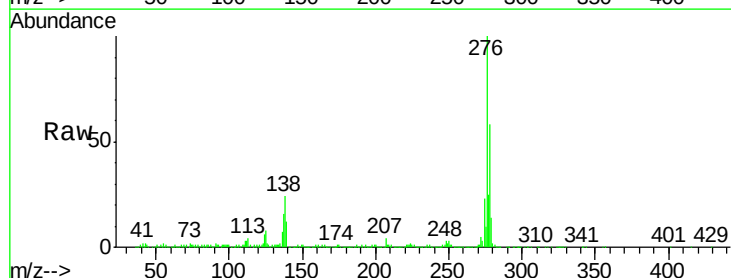
Tgt Ion:276 Resp: 1748242

Ion Ratio Lower Upper

276 100

138 24.3 20.6 30.8

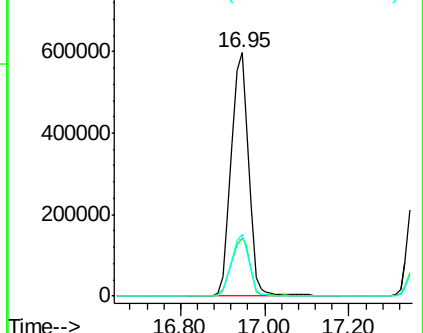
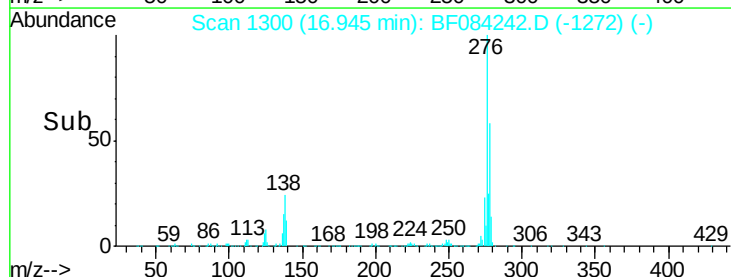
277 25.1 20.1 30.1

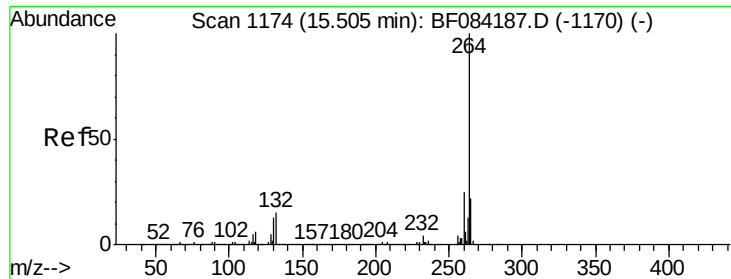


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



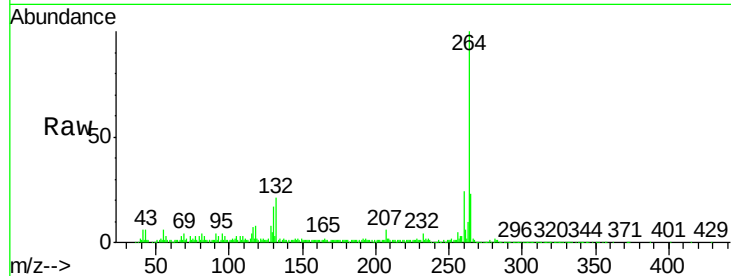


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

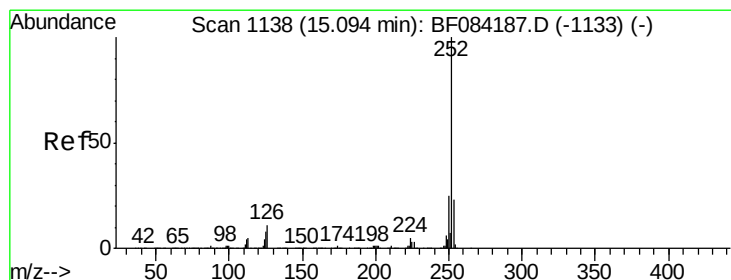
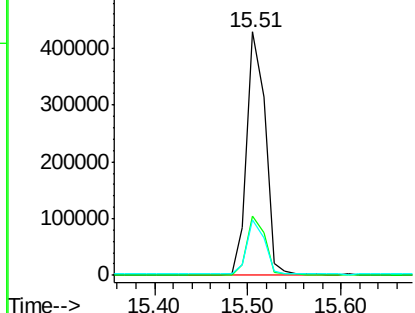
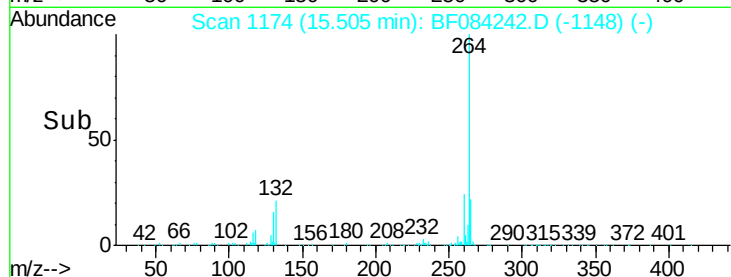
Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:264 Resp: 592476

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	23.0	17.8	26.6



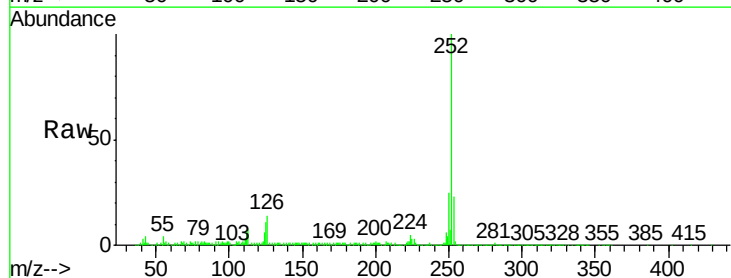
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



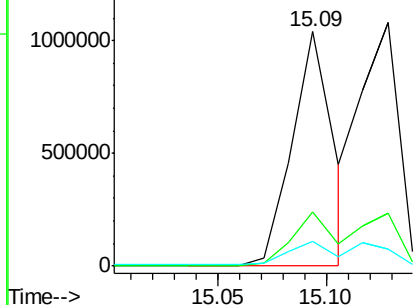
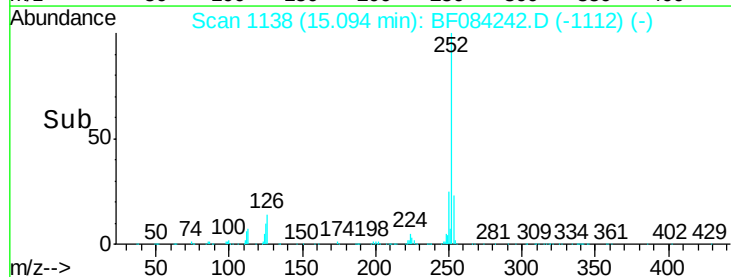
#87
Benzo(b)fluoranthene
Concen: 34.97 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

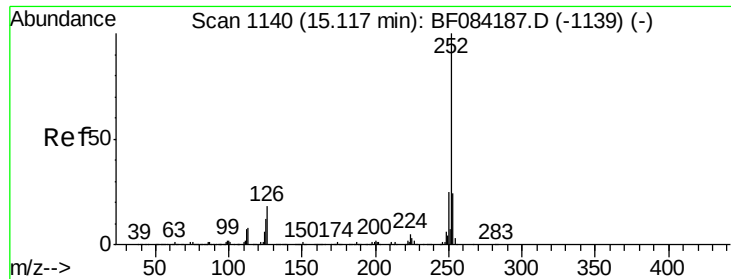
Tgt Ion:252 Resp: 1355497

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	10.7	6.5	9.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

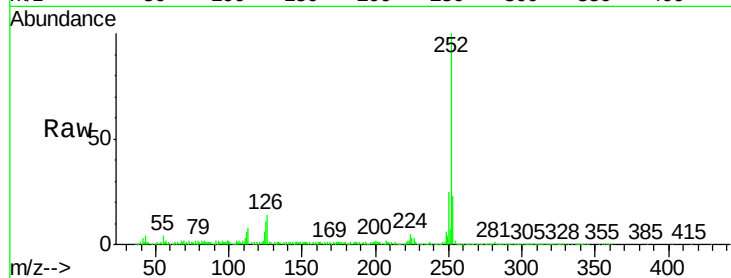




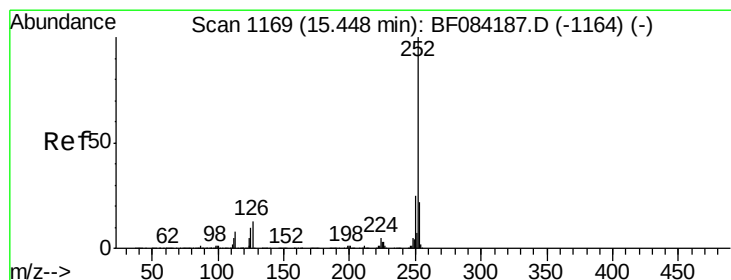
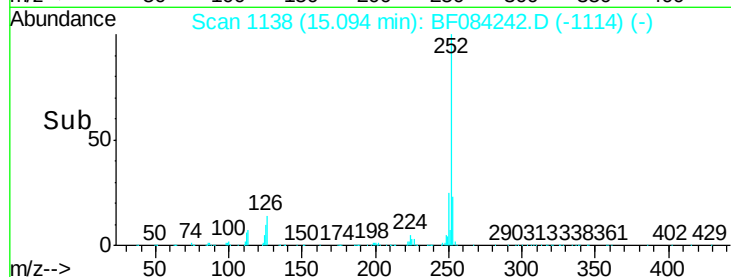
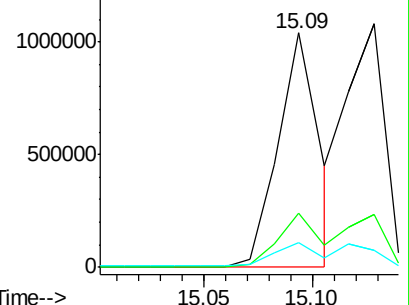
#88
Benzo(k)fluoranthene
Concen: 42.76 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:252 Resp: 1355497
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 10.7 9.0 13.6

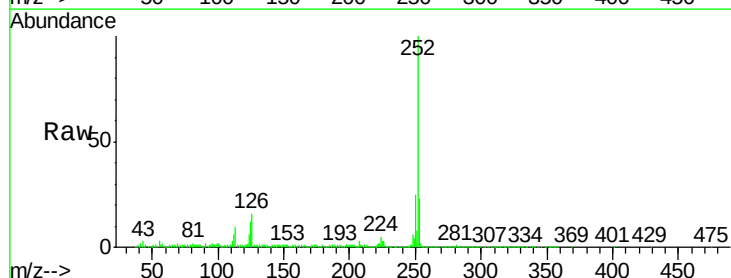


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

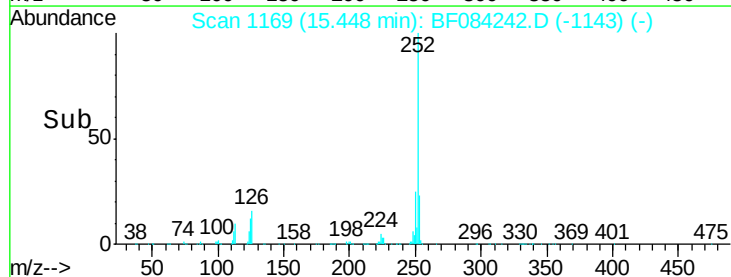
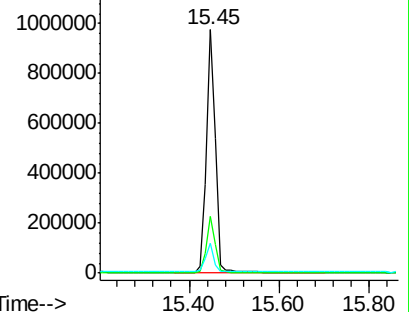


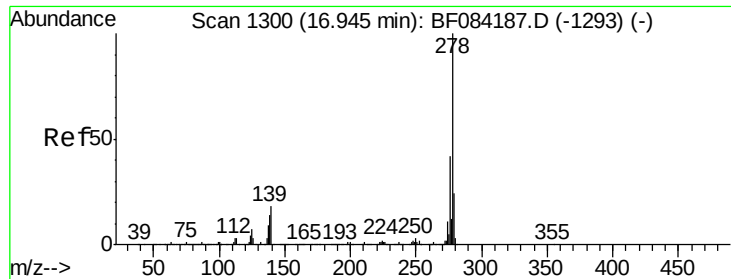
#89
Benzo(a)pyrene
Concen: 41.30 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:252 Resp: 1357623
Ion Ratio Lower Upper
252 100
253 23.4 17.3 25.9
125 12.3 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



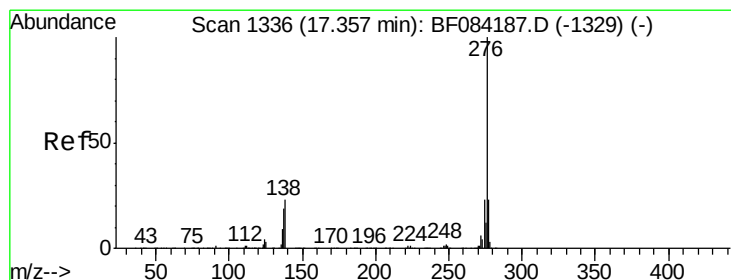
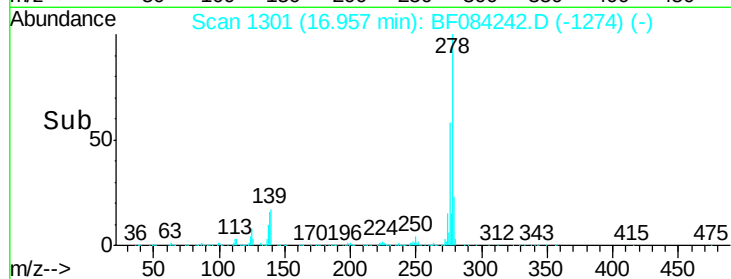
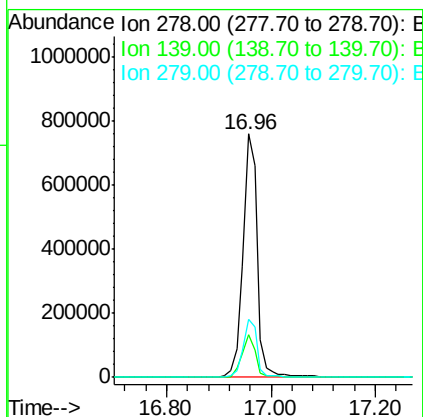
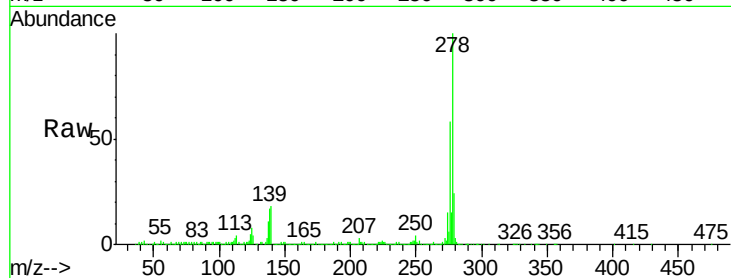


#90
Dibenzo(a,h)anthracene
Concen: 50.95 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Instrument :
BNA_F
ClientSampleId :
S8-0529MSD

Tgt Ion:278 Resp: 1441366

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.4
279	23.6	18.9	28.3



#91
Benzo(g,h,i)perylene
Concen: 50.72 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF084242.D
Acq: 4 Jan 2016 16:45

Tgt Ion:276 Resp: 1485635

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	18.9	17.8	26.6

