

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
 Data File : BF082811.D
 Acq On : 7 Nov 2015 15:29
 Operator : UM/IZ
 Sample : G4246-02MSD
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Quant Time: Nov 09 00:03:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167242	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	652301	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	406882	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	660994	20.00	ng	0.00
75) Chrysene-d12	14.02	240	421281	20.00	ng	0.00
86) Perylene-d12	15.45	264	423460	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	932663	86.77	ng	0.02
7) Phenol-d6	6.50	99	1459037	102.11	ng	0.02
23) Nitrobenzene-d5	7.41	82	765796	51.08	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	290407	62.25	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1377983	48.54	ng	0.00
78) Terphenyl-d14	12.97	244	947687	53.35	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	195431	42.14	ng	95
3) Pyridine	3.21	79	468105	34.78	ng	96
4) n-Nitrosodimethylamine	3.14	42	232477	34.83	ng	# 80
6) Aniline	6.51	93	490835	24.46	ng	# 1
8) 2-Chlorophenol	6.65	128	367187	30.82	ng	96
9) Benzaldehyde	6.40	77	122543	15.52	ng	82
10) Phenol	6.51	94	611441	37.71	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	435652	35.93	ng	86
12) 1,3-Dichlorobenzene	6.80	146	387015	28.80	ng	# 88
13) 1,4-Dichlorobenzene	6.80	146	387015	27.68	ng	95
14) 1,2-Dichlorobenzene	7.02	146	358477	28.19	ng	96
15) Benzyl Alcohol	7.00	79	380868	30.35	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	528937	29.74	ng	96
17) 2-Methylphenol	7.12	107	279348	27.68	ng	97
18) Hexachloroethane	7.37	117	116505	23.30	ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	286888	27.31	ng	# 80
20) 3+4-Methylphenols	7.28	107	395998	30.18	ng	# 63
22) Acetophenone	7.26	105	510600	27.32	ng	# 95
24) Nitrobenzene	7.44	77	442777	28.88	ng	93
25) Isophorone	7.68	82	706846	25.48	ng	98
26) 2-Nitrophenol	7.76	139	181240	28.32	ng	# 71
27) 2,4-Dimethylphenol	7.80	122	326158	28.37	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	459194	29.35	ng	98
29) 2,4-Dichlorophenol	8.01	162	282977	27.23	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	314446	26.91	ng	# 93
31) Naphthalene	8.17	128	1017649	28.28	ng	98
32) Benzoic acid	7.89	122	82193	10.44	ng	95
33) 4-Chloroaniline	8.21	127	274058	17.67	ng	# 86
34) Hexachlorobutadiene	8.29	225	199135	27.23	ng	97
35) Caprolactam	8.57	113	101633	31.02	ng	88
36) 4-Chloro-3-methylphenol	8.70	107	392100	32.09	ng	# 78
37) 2-Methylnaphthalene	8.85	142	708399	30.43	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	356996	26.70	ng	97
40) Hexachlorocyclopentadiene	9.01	237	85515	11.90	ng	99

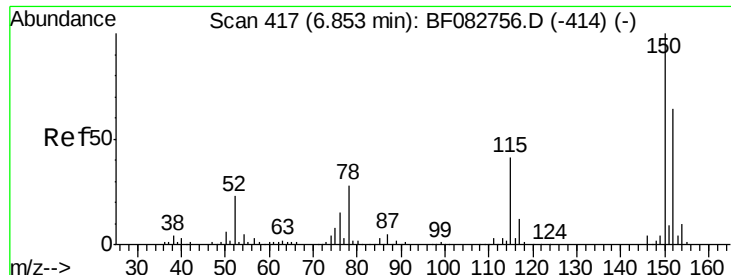
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	233136	23.36	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	206970	20.97	ng	97
45) 1,1'-Biphenyl	9.32	154	1104987	31.65	ng	98
46) 2-Chloronaphthalene	9.34	162	849643	31.20	ng	98
47) 2-Nitroaniline	9.44	65	338197	33.48	ng	# 71
48) Acenaphthylene	9.76	152	1301702	30.50	ng	99
49) Dimethylphthalate	9.62	163	1320999	39.63	ng	99
50) 2,6-Dinitrotoluene	9.68	165	205126	28.84	ng	96
51) Acenaphthene	9.93	154	733497	27.12	ng	99
52) 3-Nitroaniline	9.85	138	200443	25.62	ng	# 60
53) 2,4-Dinitrophenol	9.95	184	26380	6.75	ng	# 4
54) Dibenzofuran	10.10	168	1080492	29.63	ng	92
55) 4-Nitrophenol	10.01	139	304258	50.70	ng	# 78
56) 2,4-Dinitrotoluene	10.08	165	256402	26.57	ng	# 96
57) Fluorene	10.44	166	816168	27.63	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	221717	27.52	ng	# 85
59) Diethylphthalate	10.32	149	893286	27.44	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	387390	26.21	ng	90
61) 4-Nitroaniline	10.45	138	202552	25.75	ng	# 76
62) Azobenzene	10.59	77	970825	27.77	ng	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	33055	7.02	ng	85
65) n-Nitrosodiphenylamine	10.56	169	760710	31.86	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	228100	28.66	ng	# 76
67) Hexachlorobenzene	10.99	284	236831	26.65	ng	# 85
68) Atrazine	11.08	200	218703	29.62	ng	97
69) Pentachlorophenol	11.18	266	247045	45.78	ng	99
70) Phenanthrene	11.40	178	1141527	29.74	ng	98
71) Anthracene	11.45	178	1051152	26.00	ng	98
72) Carbazole	11.61	167	1003814	28.36	ng	97
73) Di-n-butylphthalate	11.95	149	1208784	27.41	ng	# 96
74) Fluoranthene	12.59	202	1056713	25.65	ng	98
76) Benzidine	12.71	184	545023	38.60	ng	99
77) Pyrene	12.82	202	1039117	35.92	ng	97
79) Butylbenzylphthalate	13.44	149	368597	28.84	ng	94
80) Benzo(a)anthracene	14.01	228	778035	29.53	ng	97
81) 3,3'-Dichlorobenzidine	13.96	252	252919	27.00	ng	99
82) Chrysene	14.04	228	787631	32.64	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	528768	30.23	ng	99
84) Di-n-octyl phthalate	14.63	149	955358	32.74	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.84	276	827146	39.80	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1439428	52.96	ng	# 98
88) Benzo(k)fluoranthene	15.04	252	1439428	59.70	ng	# 97
89) Benzo(a)pyrene	15.39	252	682590	28.99	ng	99
90) Dibenzo(a,h)anthracene	16.85	278	705687	35.39	ng	# 94
91) Benzo(g,h,i)perylene	17.27	276	669214	35.04	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082811.D

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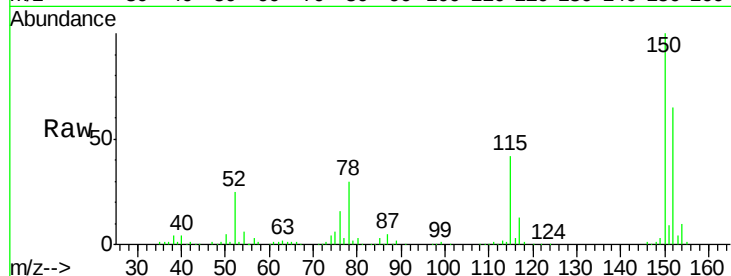
Tgt Ion:152 Resp: 167242

Ion Ratio Lower Upper

152 100

150 154.6 127.0 190.4

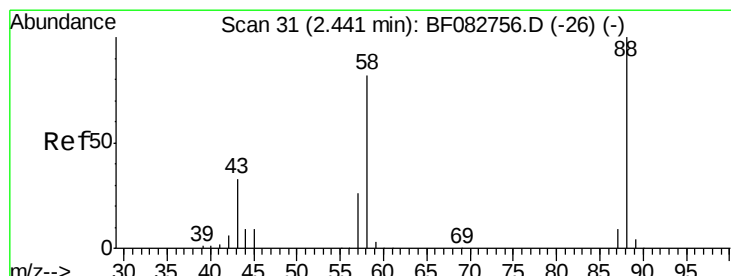
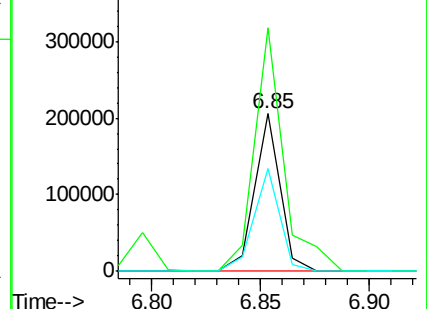
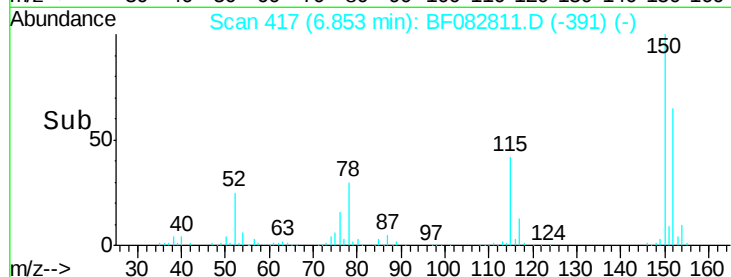
115 65.5 47.0 70.6



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: 42.14 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.05 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

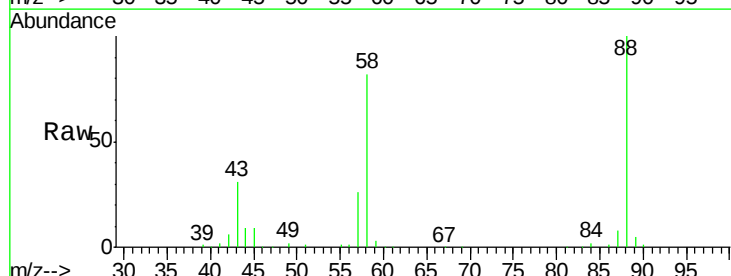
Tgt Ion: 88 Resp: 195431

Ion Ratio Lower Upper

88 100

58 81.2 62.0 93.0

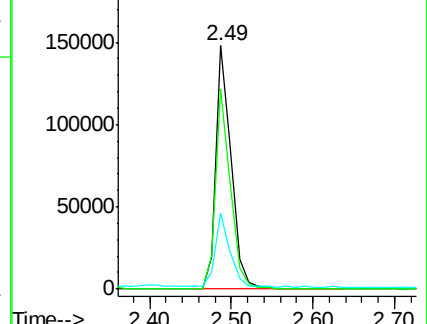
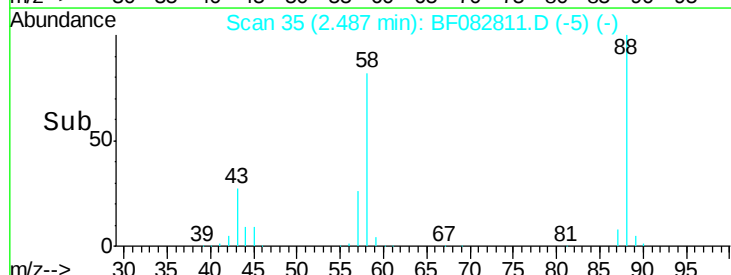
43 30.2 26.6 40.0

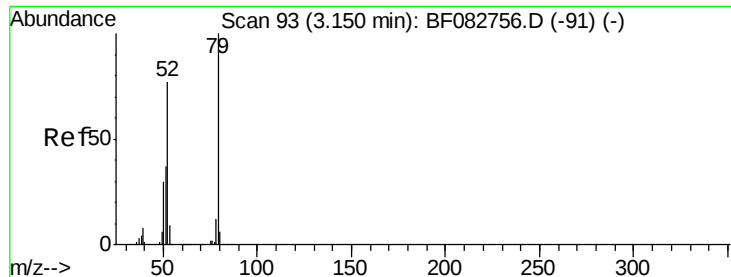


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.78 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

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ClientSampleId :

T-14CMSD

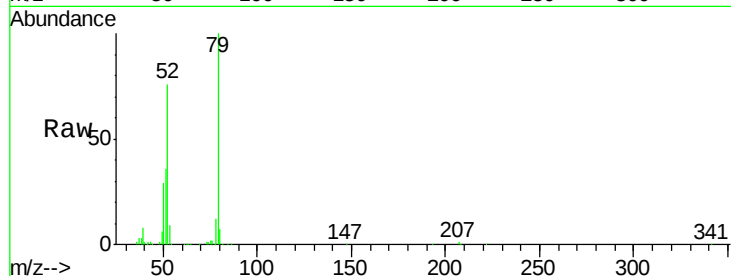
Tgt Ion: 79 Resp: 468105

Ion Ratio Lower Upper

79 100

52 75.5 62.8 94.2

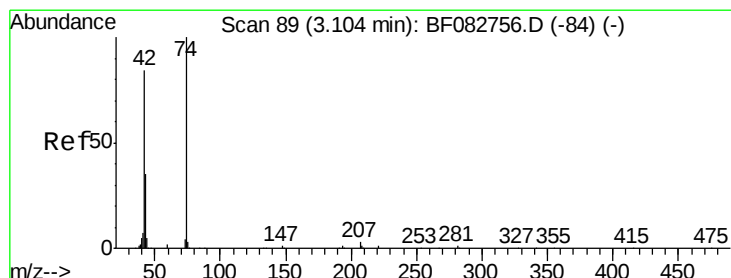
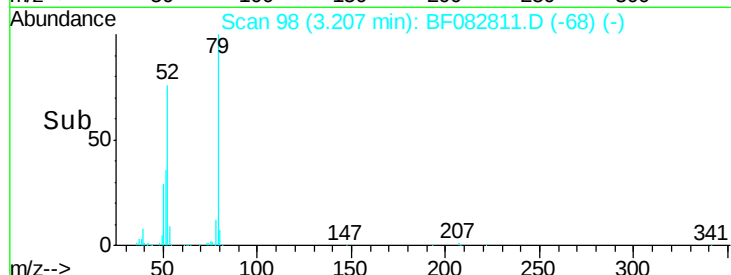
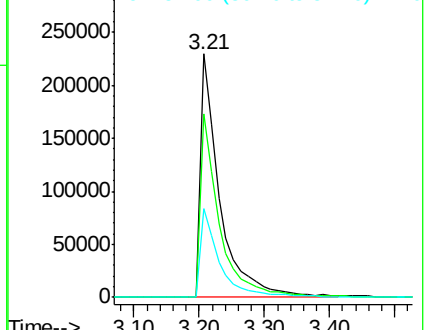
51 36.3 32.0 48.0



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: 34.83 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.05 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

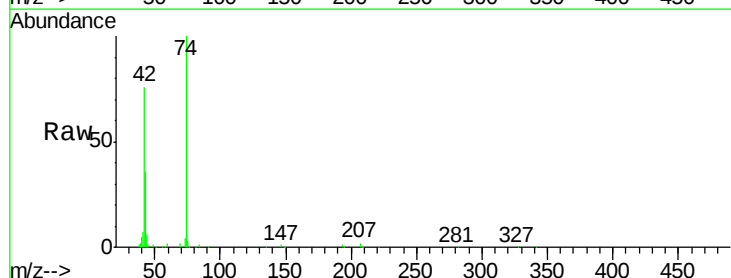
Tgt Ion: 42 Resp: 232477

Ion Ratio Lower Upper

42 100

74 131.4 87.0 130.4#

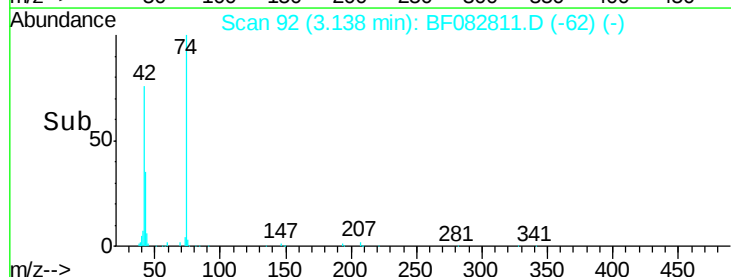
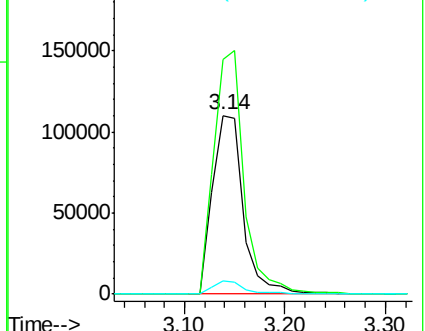
44 7.7 5.8 8.8

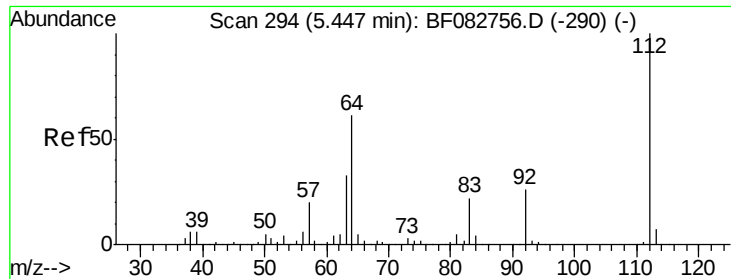


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.77 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

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T-14CMSD

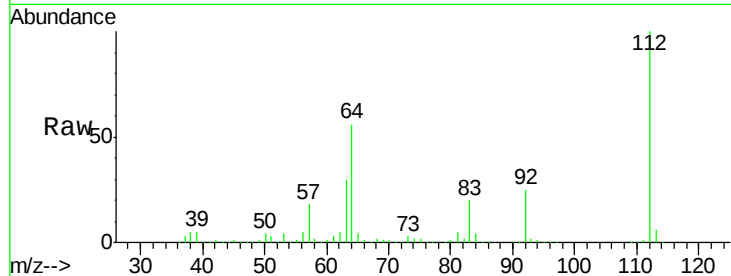
Tgt Ion: 112 Resp: 932663

Ion Ratio Lower Upper

112 100

64 55.9 48.9 73.3

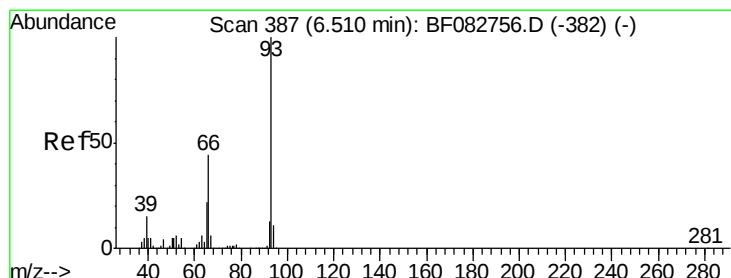
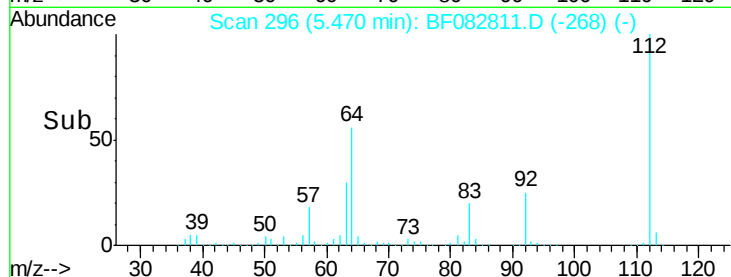
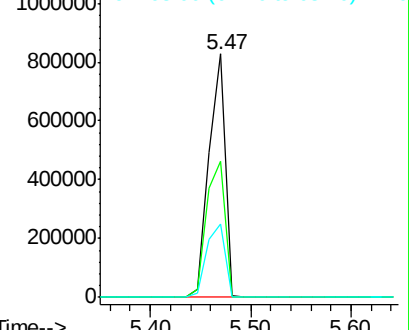
63 29.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.46 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

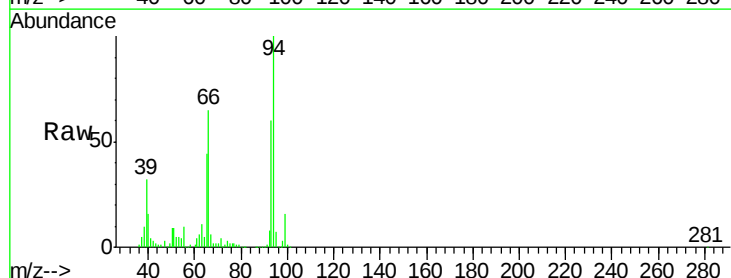
Tgt Ion: 93 Resp: 490835

Ion Ratio Lower Upper

93 100

66 107.9 33.6 50.4#

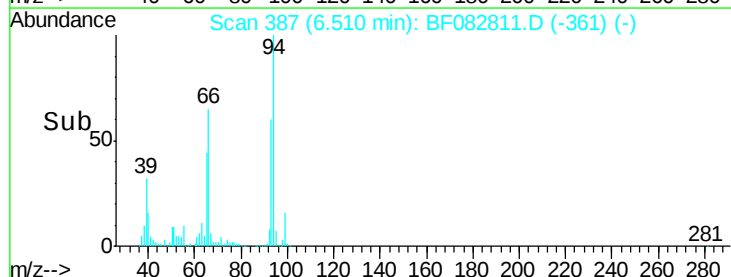
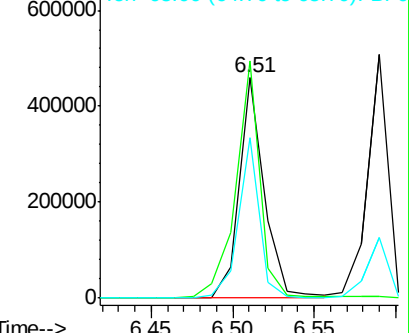
65 73.0 18.1 27.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.11 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.02 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

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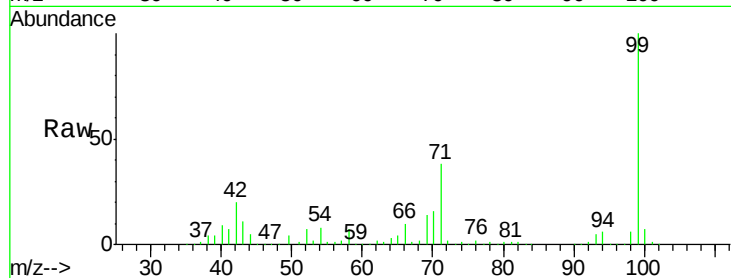
Tgt Ion: 99 Resp: 1459037

Ion Ratio Lower Upper

99 100

42 20.2 19.2 28.8

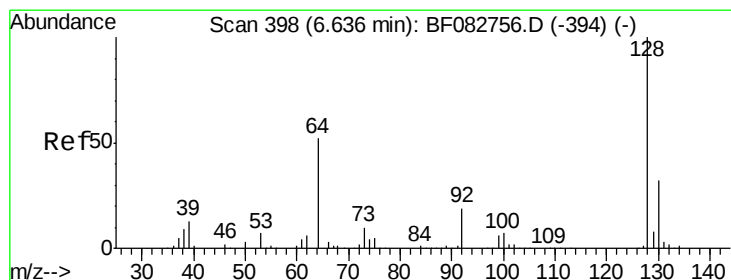
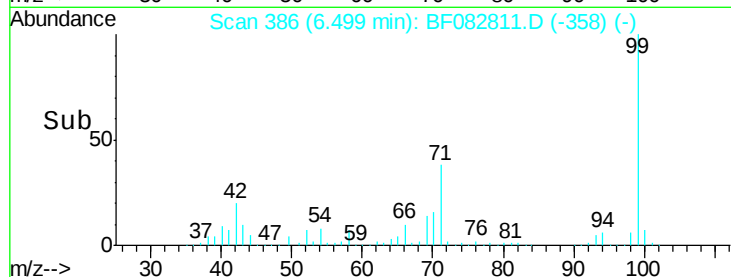
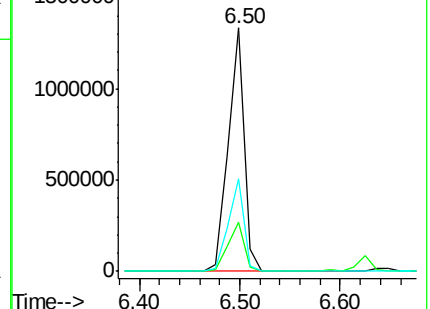
71 38.0 35.0 52.4



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: 30.82 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

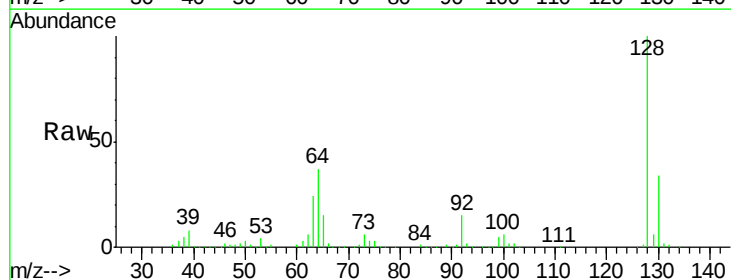
Tgt Ion: 128 Resp: 367187

Ion Ratio Lower Upper

128 100

130 34.1 13.5 53.5

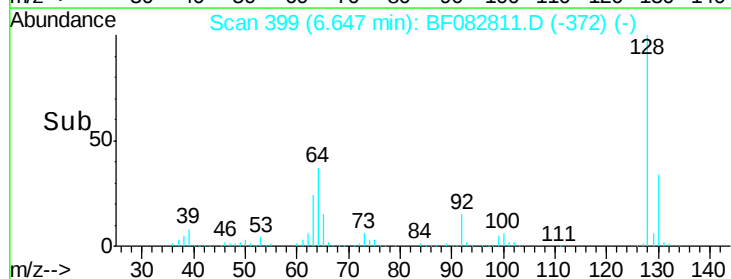
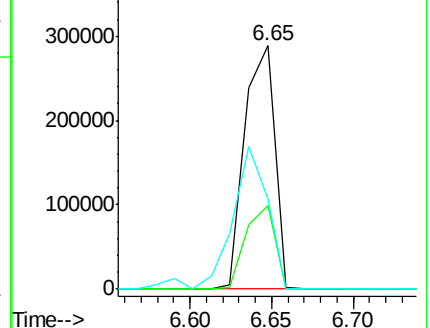
64 37.2 21.1 61.1

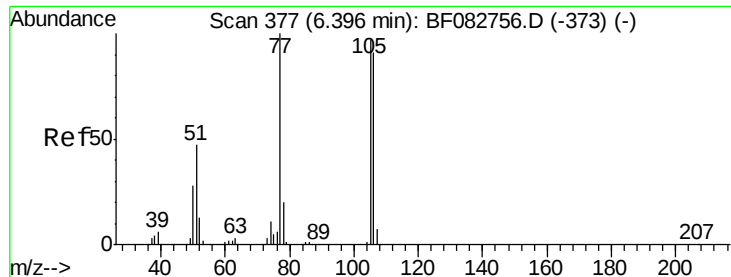


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.52 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

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T-14CMSD

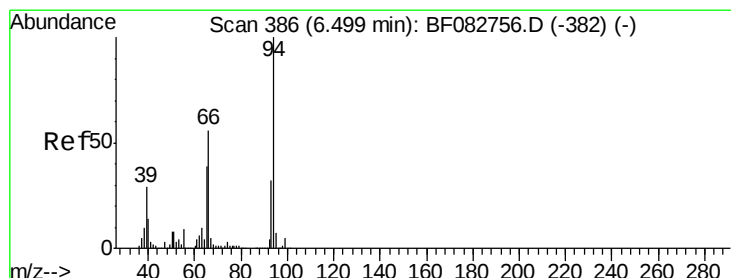
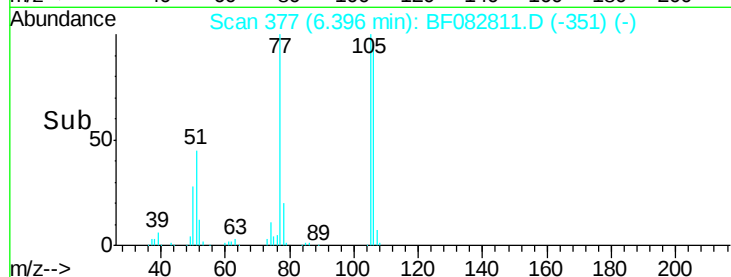
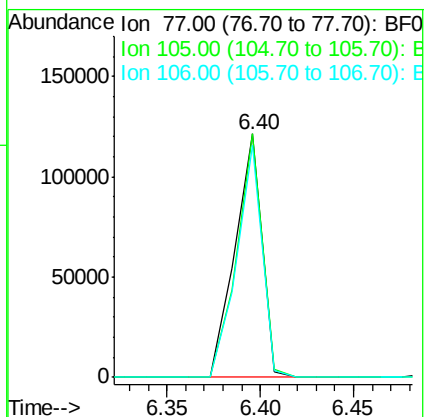
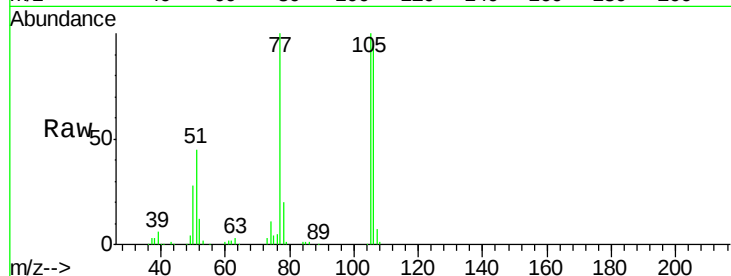
Tgt Ion: 77 Resp: 122543

Ion Ratio Lower Upper

77 100

105 100.1 63.5 103.5

106 95.4 59.3 99.3



#10

Phenol

Concen: 37.71 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

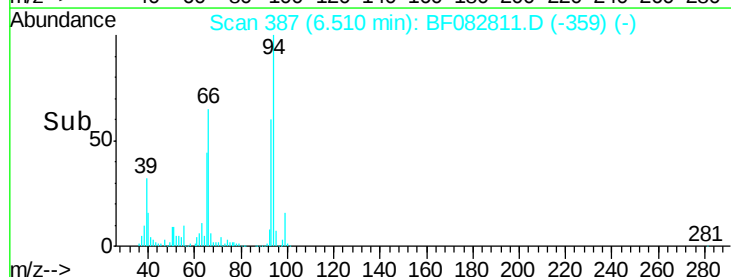
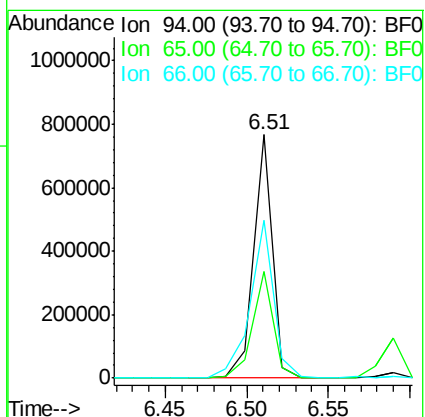
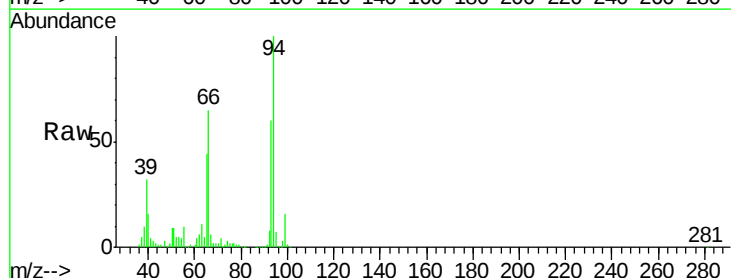
Tgt Ion: 94 Resp: 611441

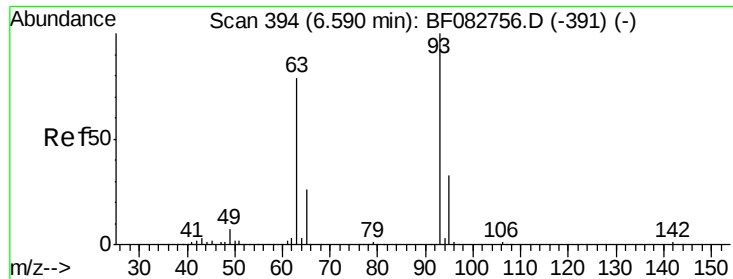
Ion Ratio Lower Upper

94 100

65 43.7 18.9 58.9

66 64.6 34.9 74.9

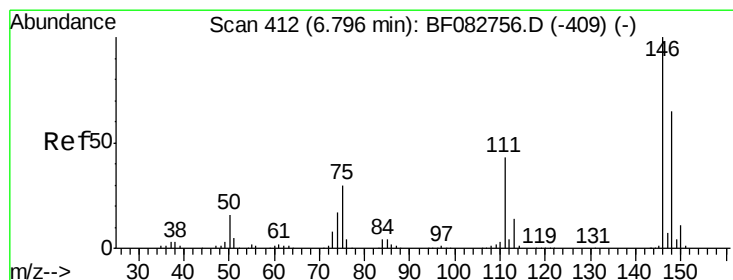
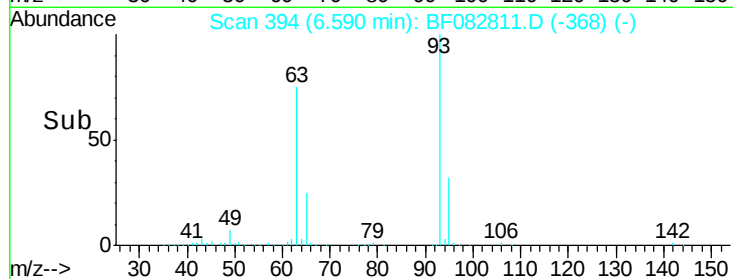
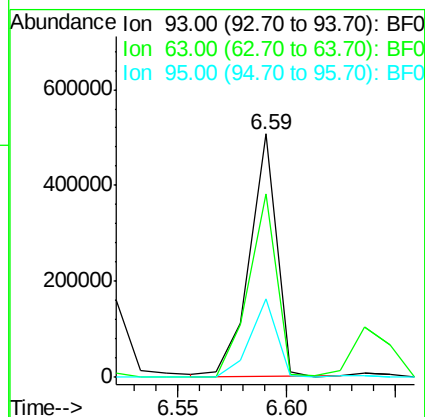
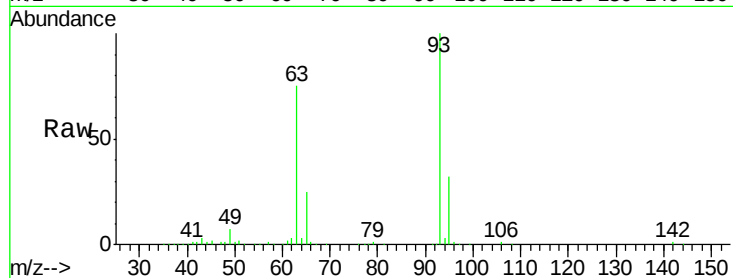




#11
bis(2-Chloroethyl)ether
Concen: 35.93 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

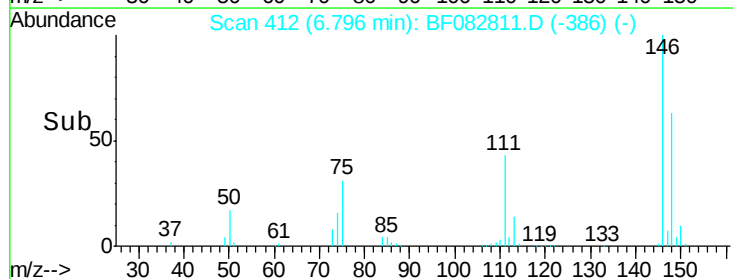
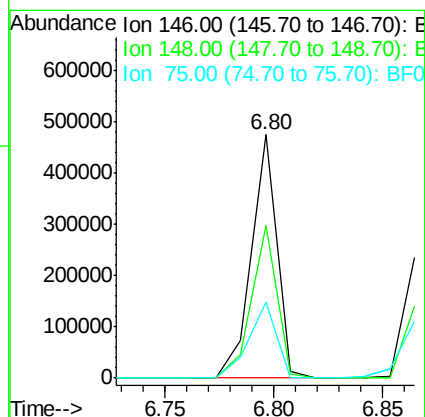
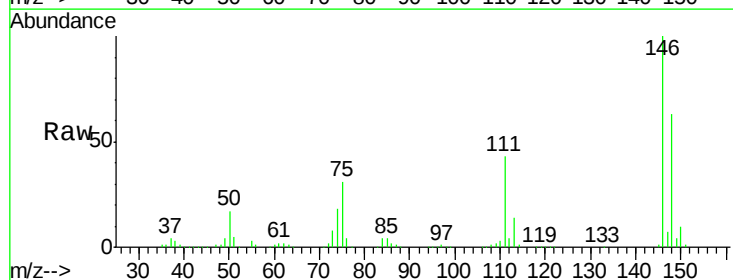
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

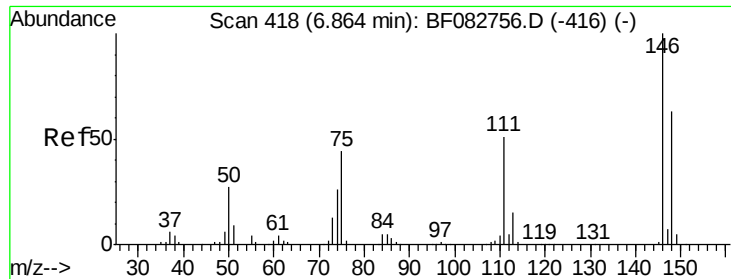
Tgt Ion: 93 Resp: 435652
Ion Ratio Lower Upper
93 100
63 75.4 72.7 112.7
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 28.80 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion: 146 Resp: 387015
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 31.2 39.5 59.3#

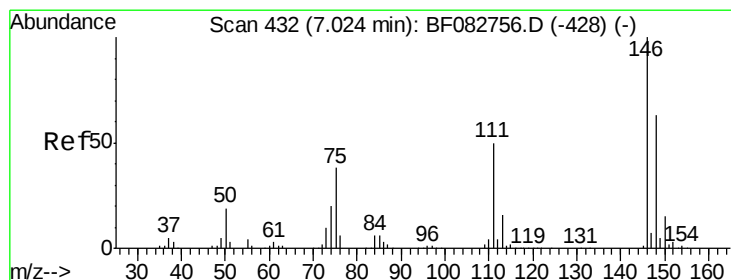
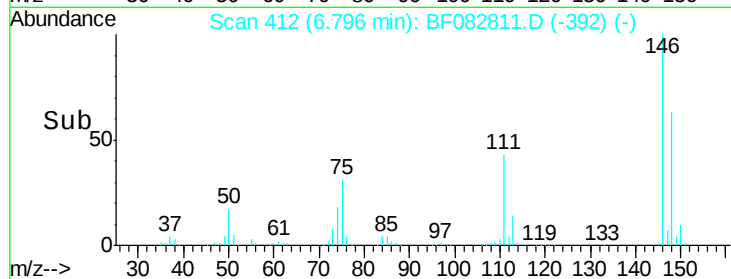
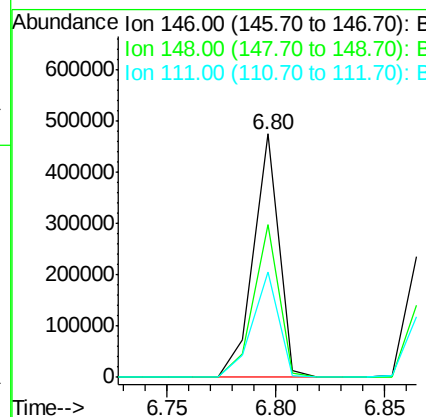
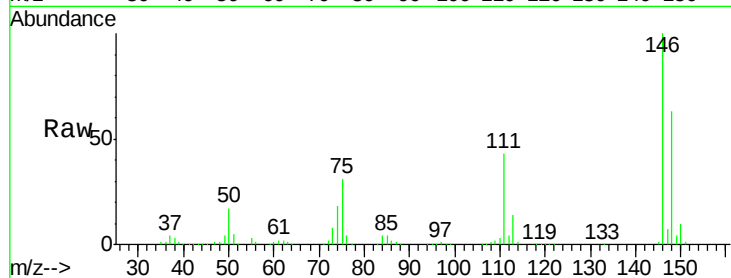




#13
 1,4-Dichlorobenzene
 Concen: 27.68 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.07 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

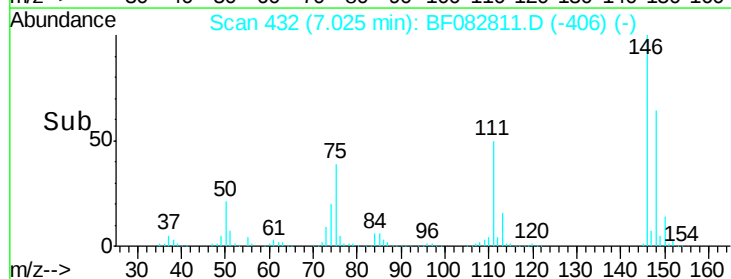
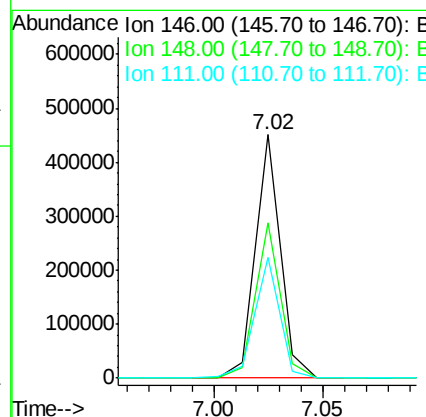
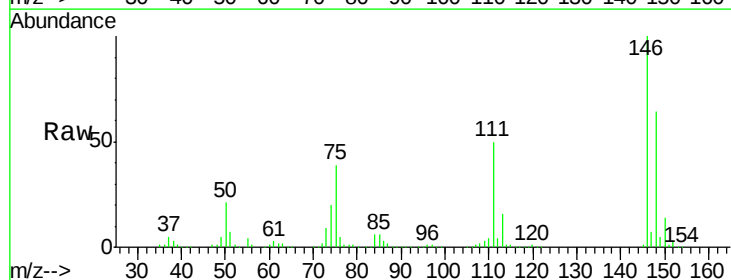
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:146 Resp: 387015
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.8 76.2
 111 43.5 40.6 60.8



#14
 1,2-Dichlorobenzene
 Concen: 28.19 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:146 Resp: 358477
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 49.7 36.6 55.0





#15

Benzyl Alcohol

Concen: 30.35 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

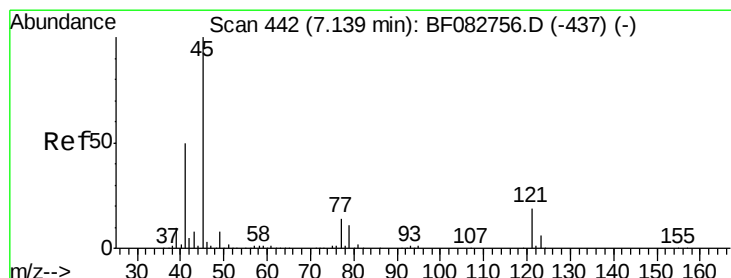
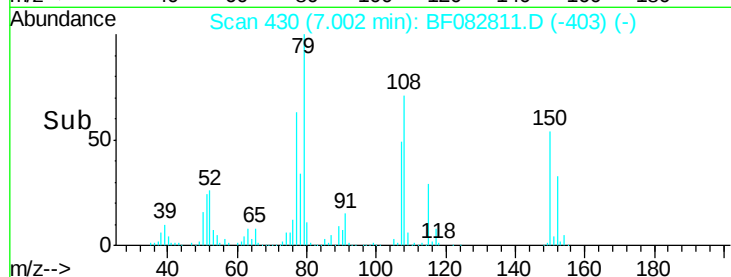
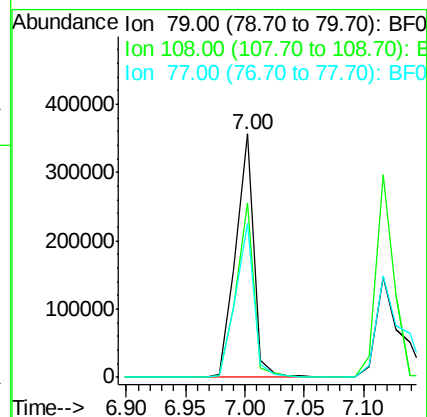
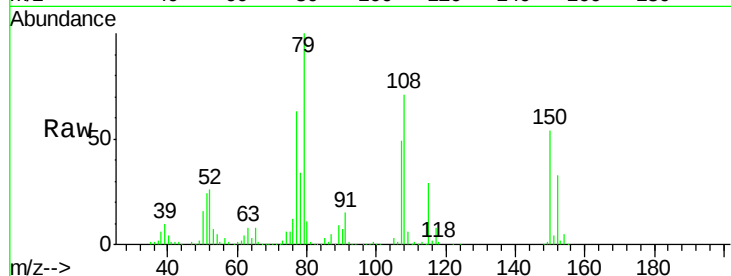
Tgt Ion: 79 Resp: 380868

Ion Ratio Lower Upper

79 100

108 71.5 52.2 78.4

77 63.3 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.74 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

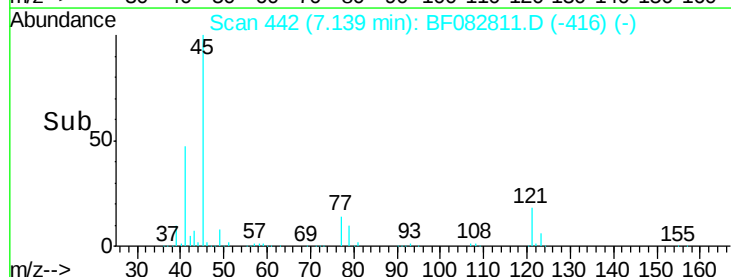
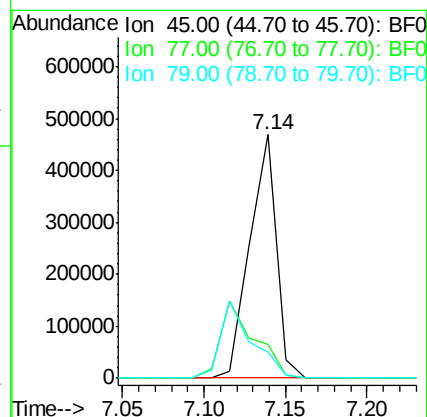
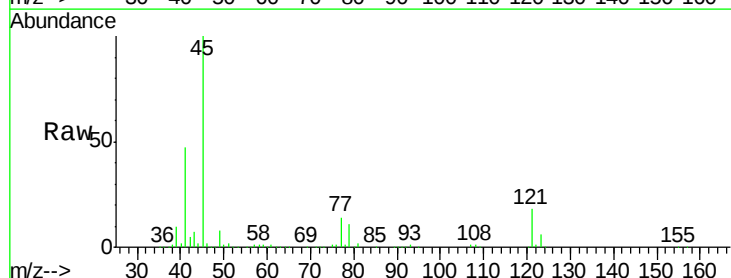
Tgt Ion: 45 Resp: 528937

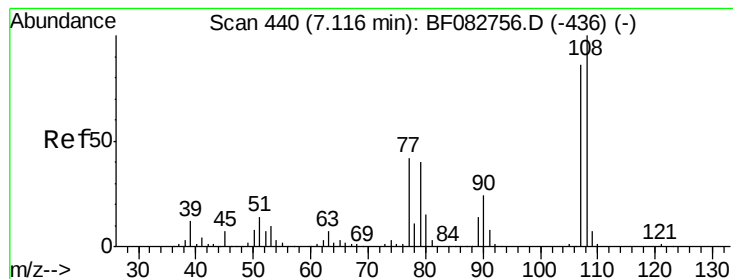
Ion Ratio Lower Upper

45 100

77 13.8 0.0 32.6

79 10.8 0.0 29.2





#17

2-Methylphenol

Concen: 27.68 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tgt Ion:107 Resp: 279348

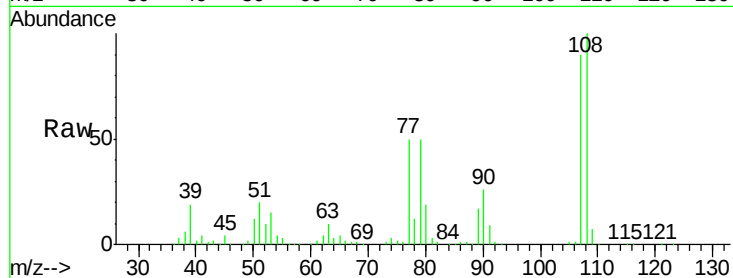
Ion Ratio Lower Upper

107 100

108 110.9 93.0 139.4

77 55.8 44.1 66.1

79 55.3 43.6 65.4

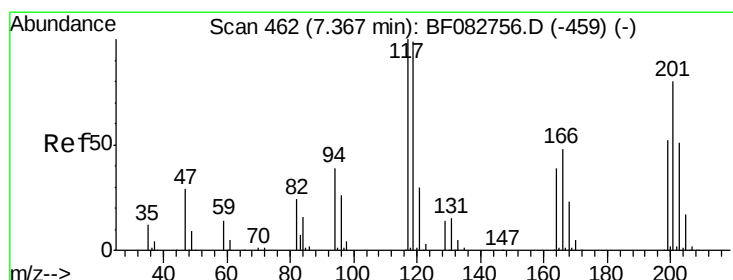
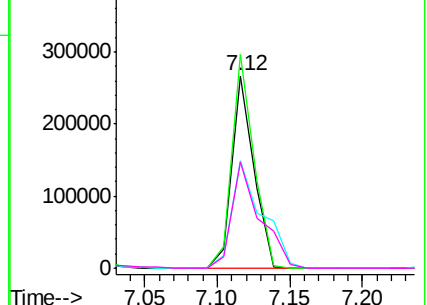
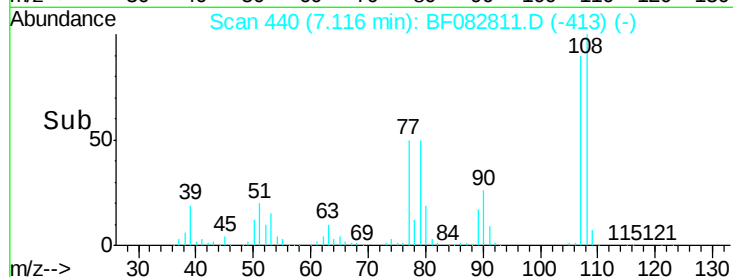


Abundance Ion 107.00 (106.70 to 107.70): E

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: 23.30 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

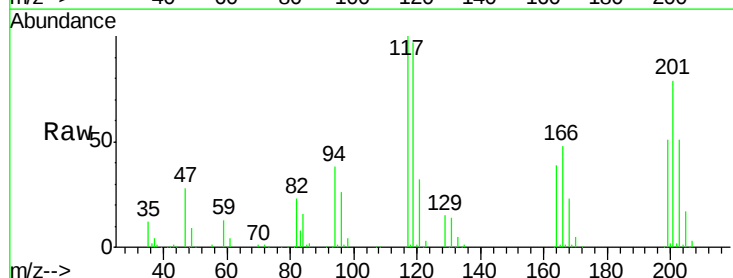
Tgt Ion:117 Resp: 116505

Ion Ratio Lower Upper

117 100

119 97.0 77.7 116.5

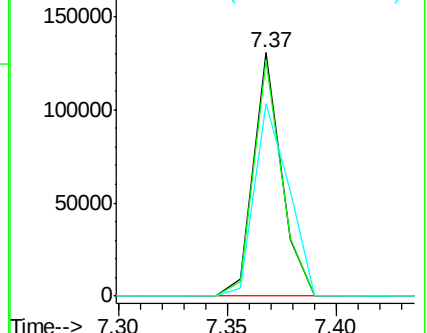
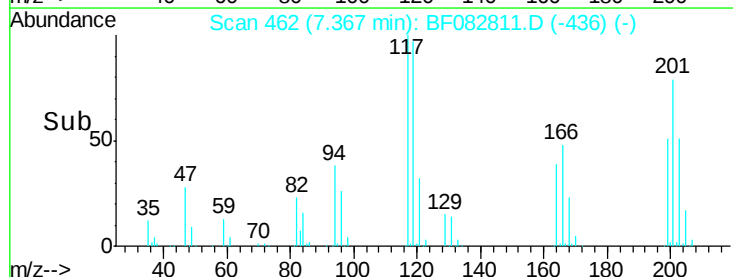
201 79.0 66.7 100.1

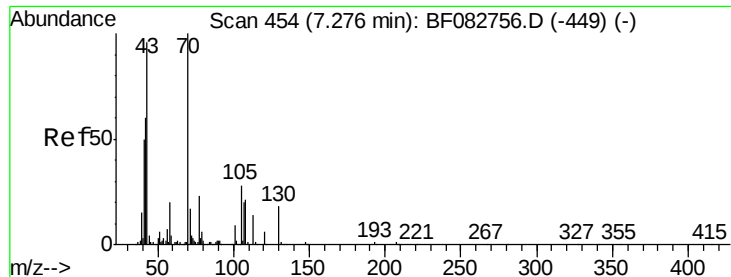


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

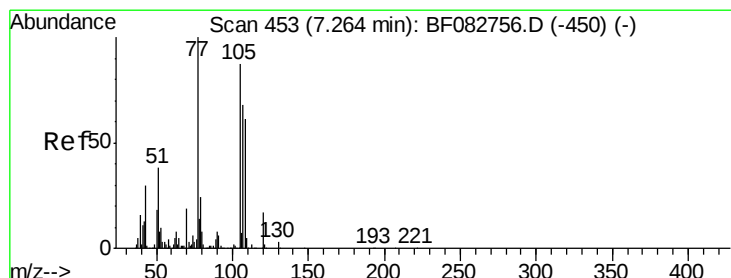
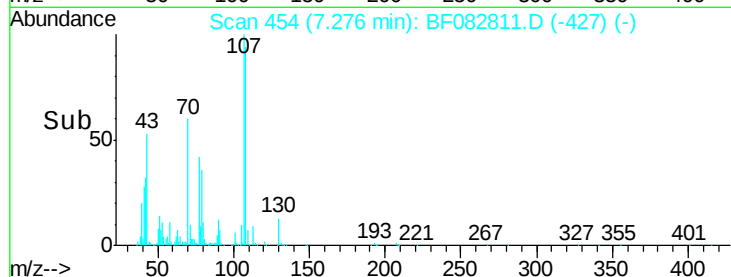
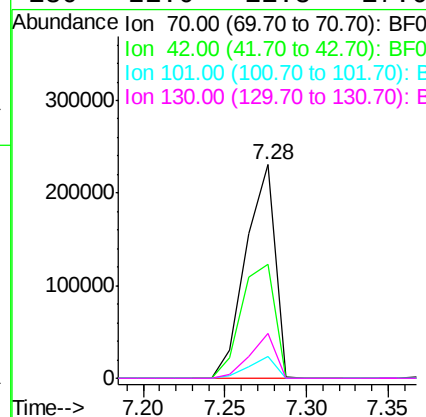
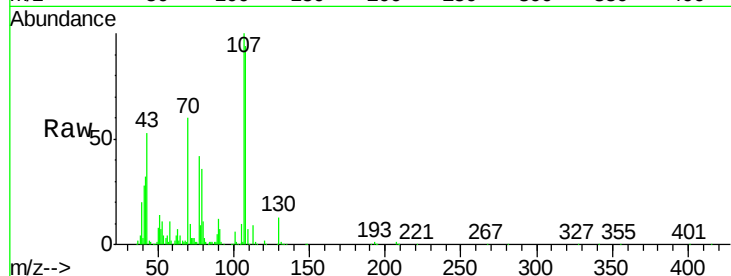




#19
n-Nitroso-di-n-propylamine
Concen: 27.31 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

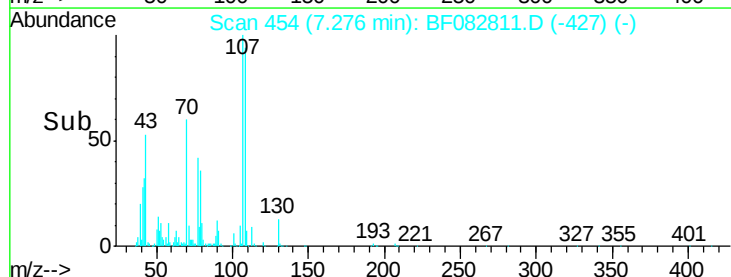
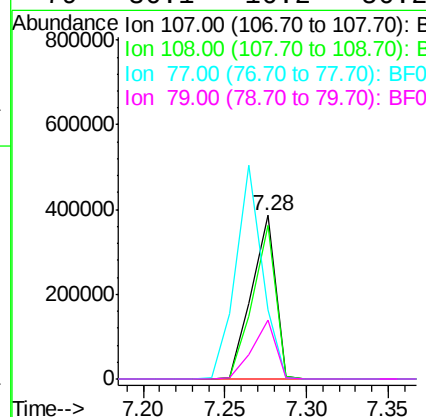
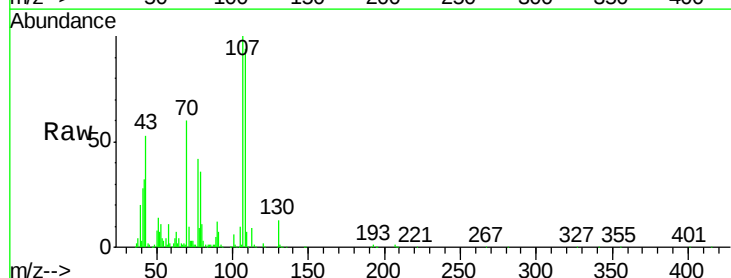
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

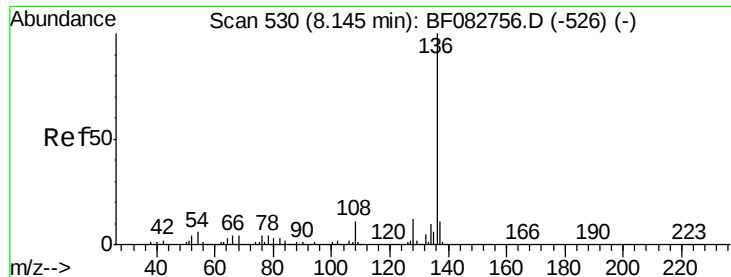
Tgt Ion: 70 Resp: 286888
Ion Ratio Lower Upper
70 100
42 53.2 57.7 86.5#
101 10.0 7.0 10.6
130 21.0 11.8 17.6#



#20
3+4-Methylphenols
Concen: 30.18 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion: 107 Resp: 395998
Ion Ratio Lower Upper
107 100
108 94.3 67.3 107.3
77 42.3 100.3 140.3#
79 36.1 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

Tgt Ion:136 Resp: 652301

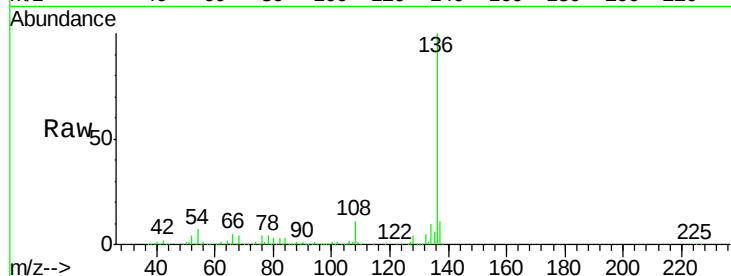
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.5 9.1 13.7#

68 4.4 4.8 7.2#

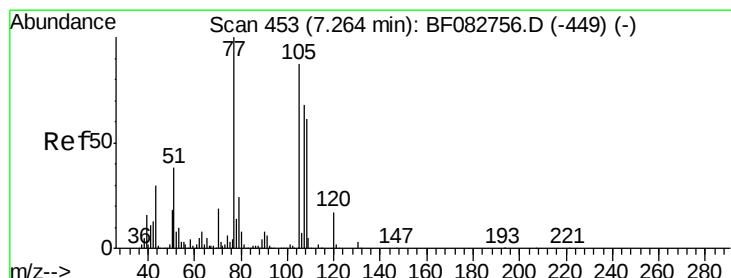
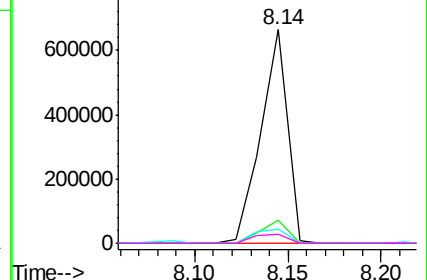
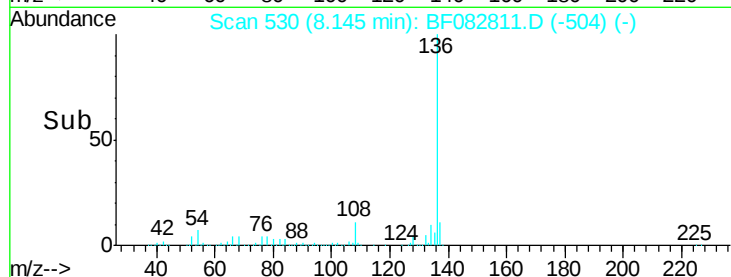


Abundance Ion 136.00 (135.70 to 136.70): E

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: 27.32 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:105 Resp: 510600

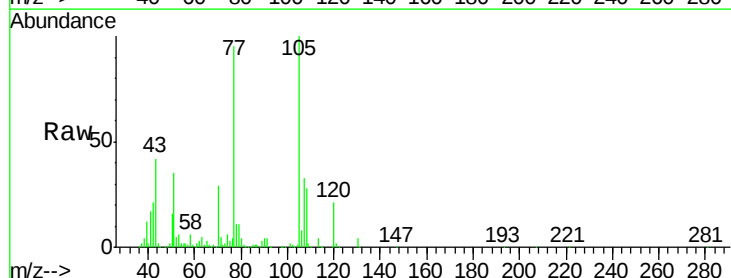
Ion Ratio Lower Upper

105 100

71 5.2 5.6 8.4#

51 34.6 24.9 37.3

120 21.1 15.8 23.8

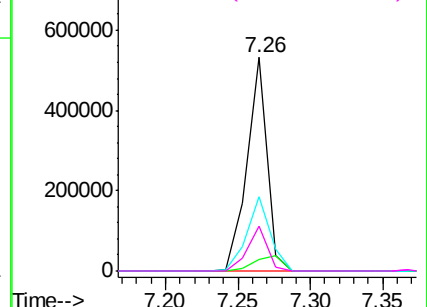
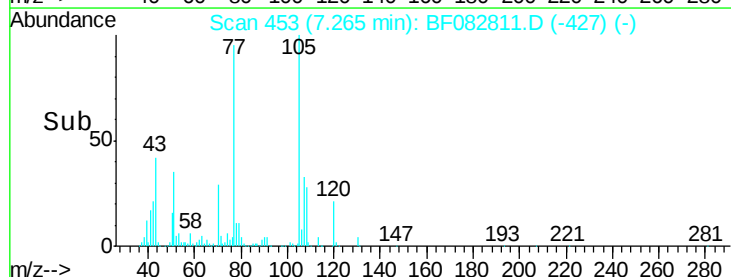


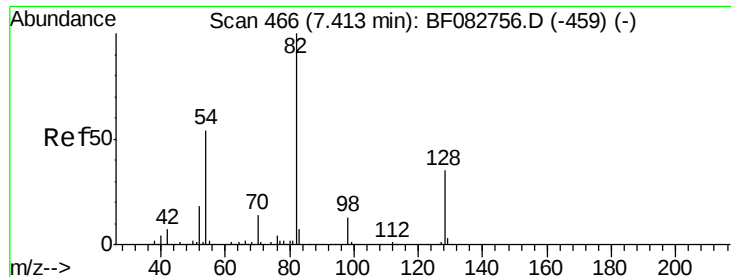
Abundance Ion 105.00 (104.70 to 105.70): E

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

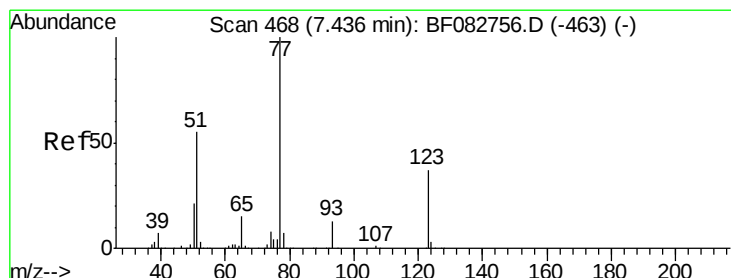
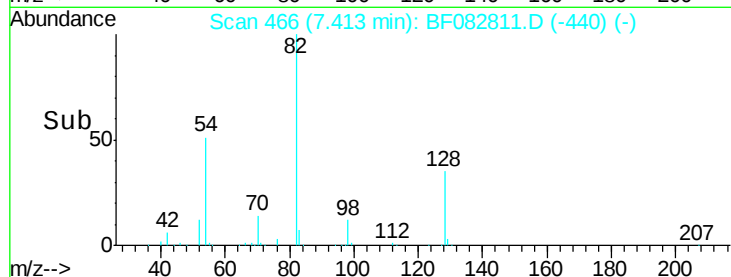
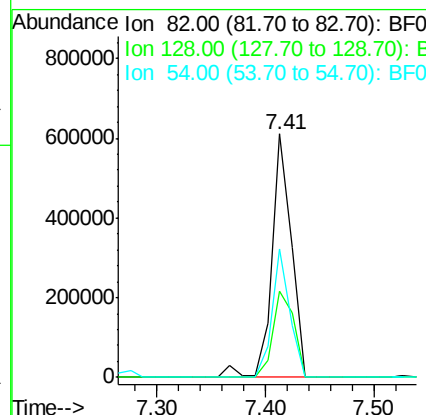
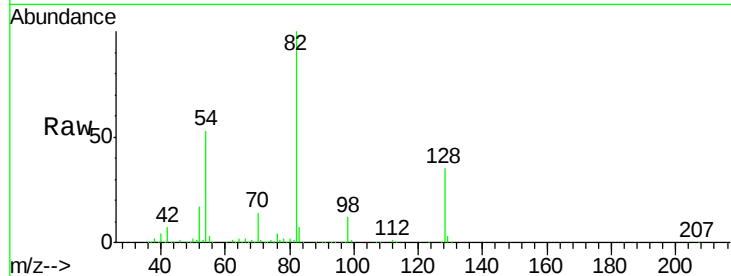




#23
 Nitrobenzene-d5
 Concen: 51.08 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

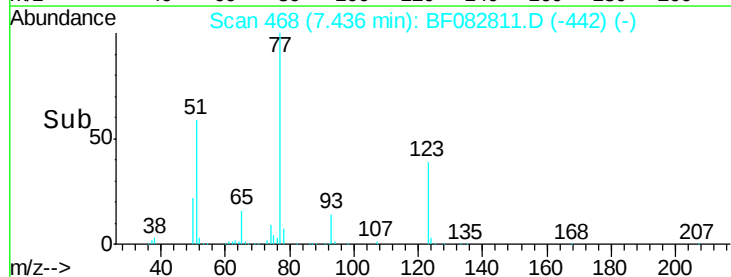
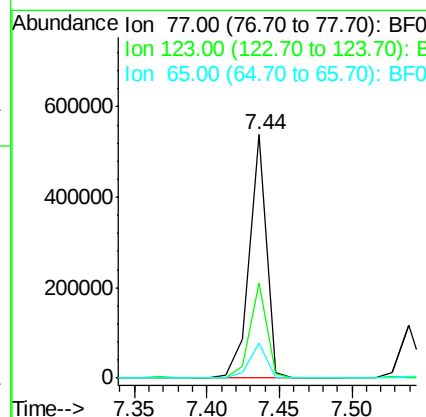
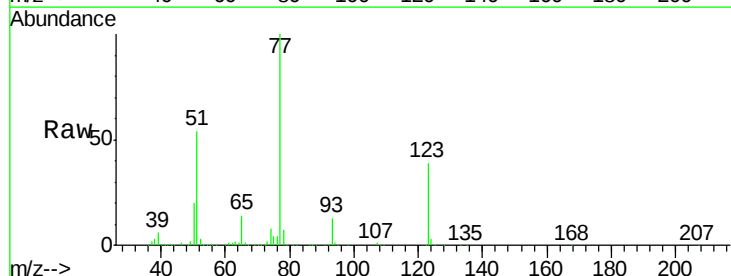
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

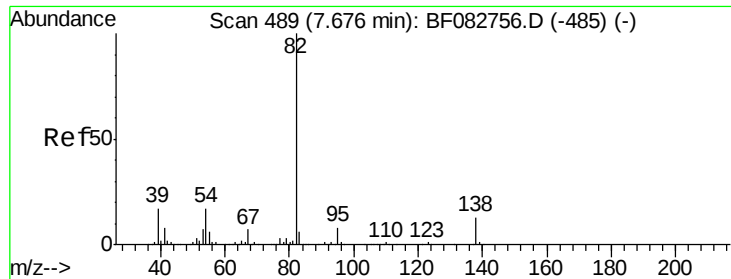
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	26.8	40.2
54	52.9	45.7	68.5



#24
 Nitrobenzene
 Concen: 28.88 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.1	36.4	54.6
65	14.5	11.5	17.3





#25

Isophorone

Concen: 25.48 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

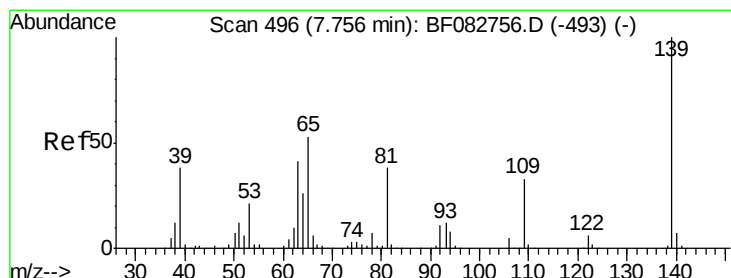
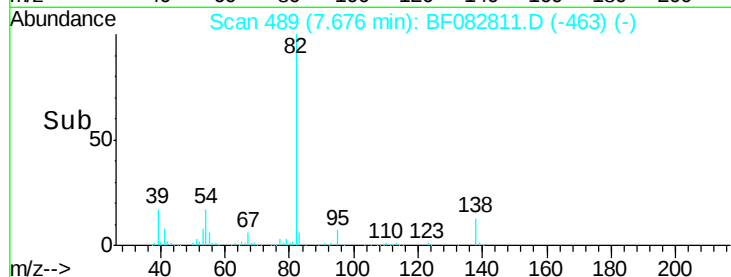
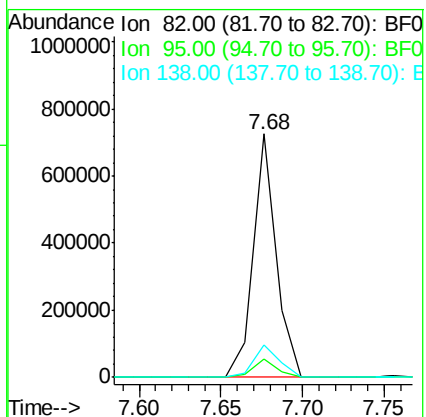
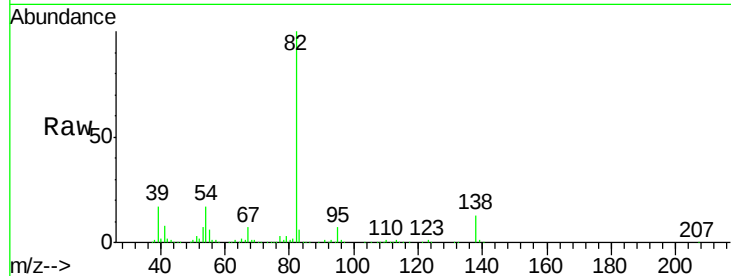
Tgt Ion: 82 Resp: 706846

Ion Ratio Lower Upper

82 100

95 7.3 6.6 9.8

138 13.2 11.4 17.0



#26

2-Nitrophenol

Concen: 28.32 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

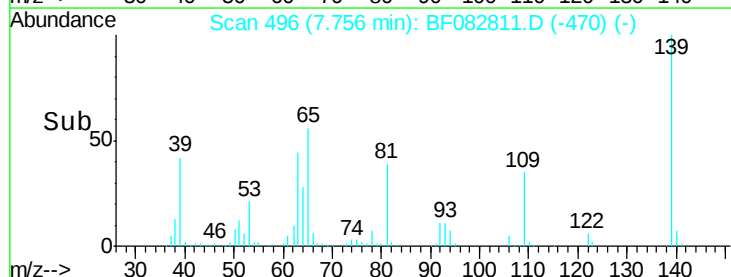
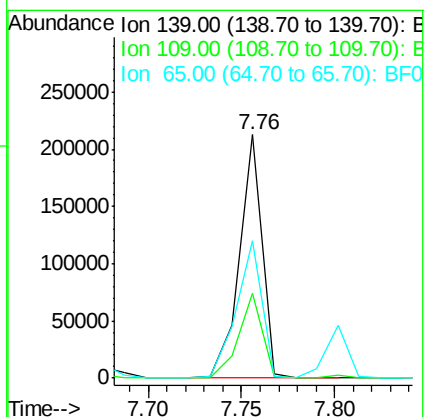
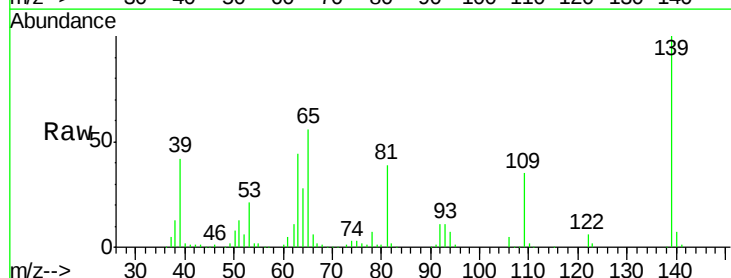
Tgt Ion: 139 Resp: 181240

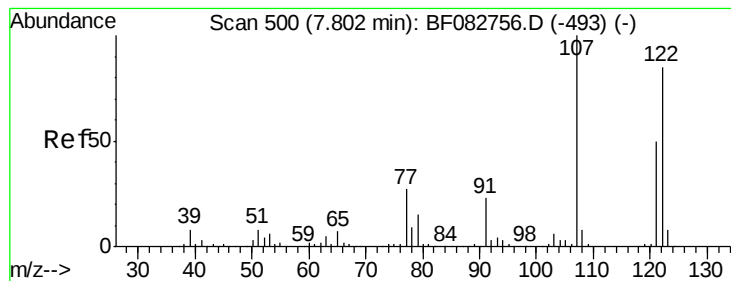
Ion Ratio Lower Upper

139 100

109 34.9 37.6 56.4#

65 56.4 70.6 105.8#

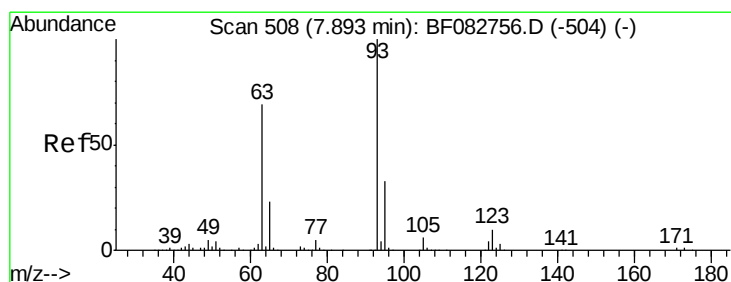
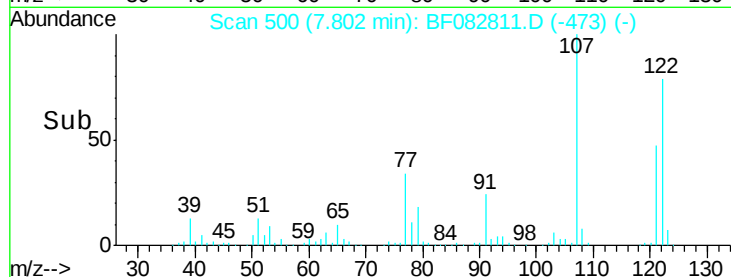
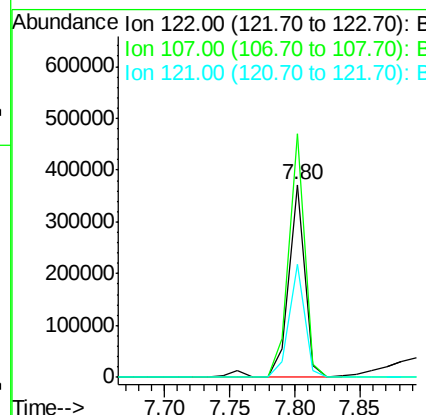
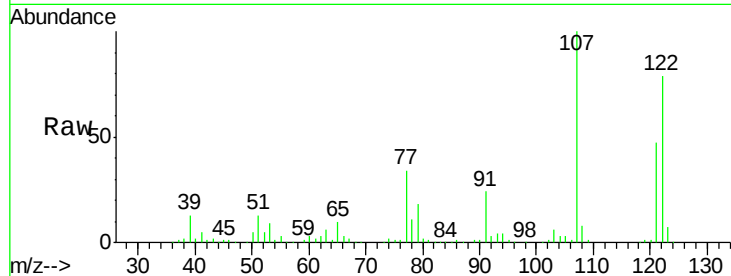




#27
 2,4-Dimethylphenol
 Concen: 28.37 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

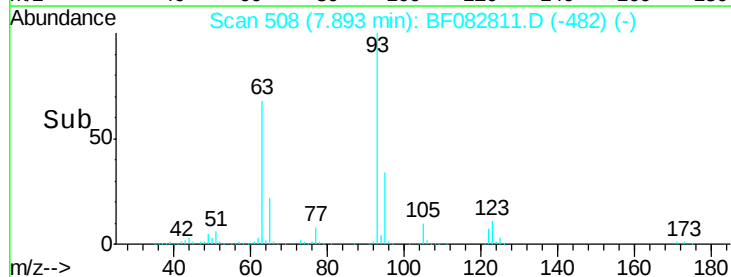
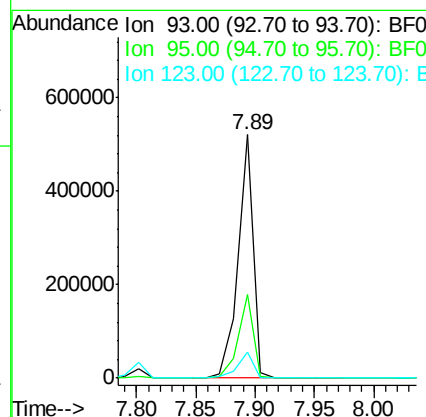
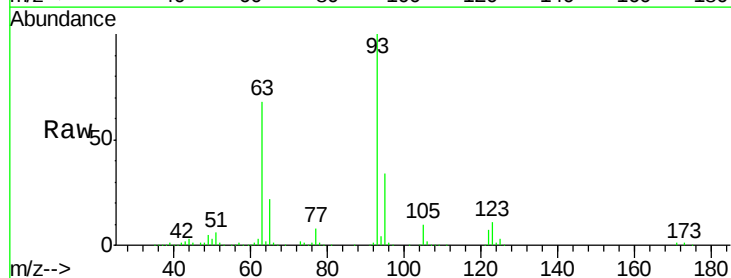
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

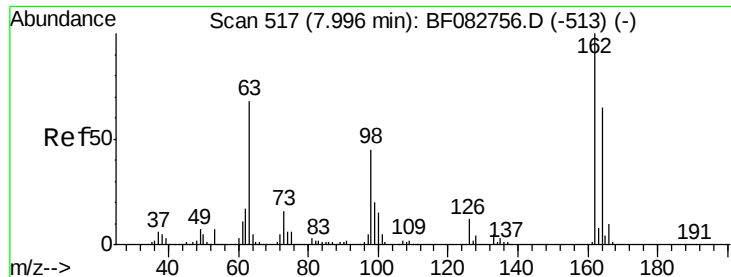
Tgt Ion:122 Resp: 326158
 Ion Ratio Lower Upper
 122 100
 107 126.2 106.0 159.0
 121 58.9 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.35 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion: 93 Resp: 459194
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.6 40.0
 123 10.5 9.7 14.5

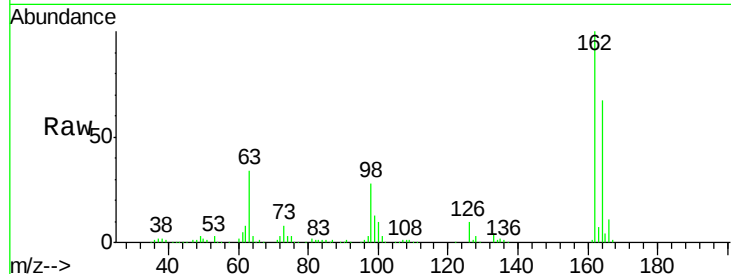




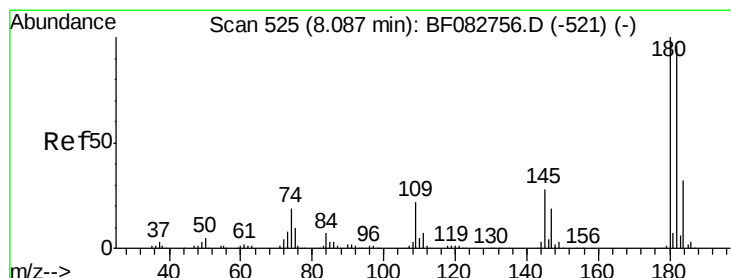
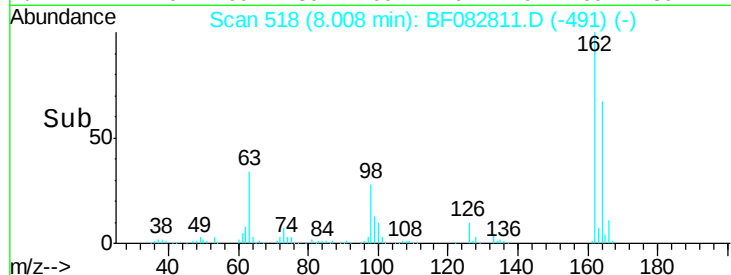
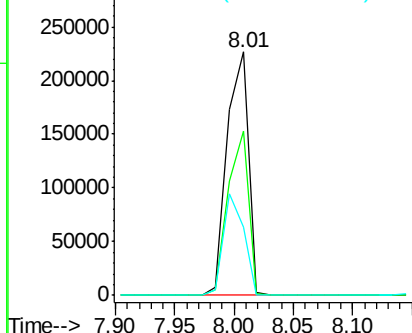
#29
2,4-Dichlorophenol
Concen: 27.23 ng
RT: 8.01 min Scan# 518
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.5	46.8	86.8
98	28.2	12.5	52.5

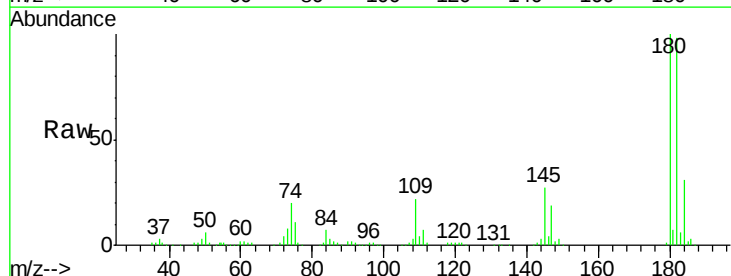


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

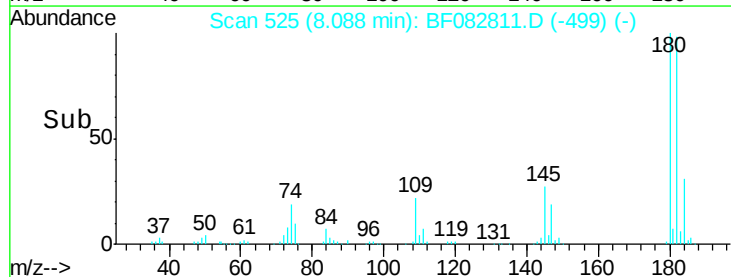
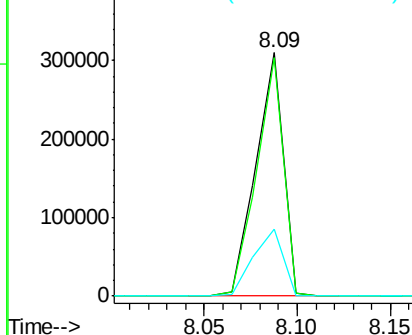


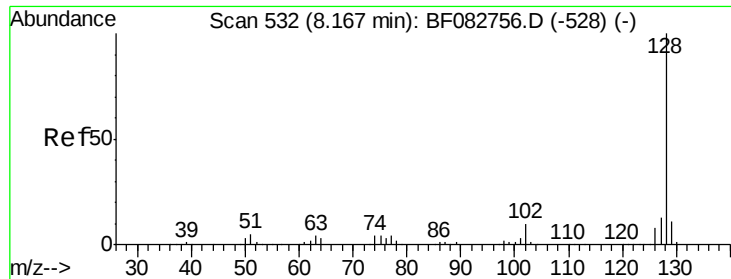
#30
1,2,4-Trichlorobenzene
Concen: 26.91 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	74.9	112.3
145	27.4	27.8	41.8#



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

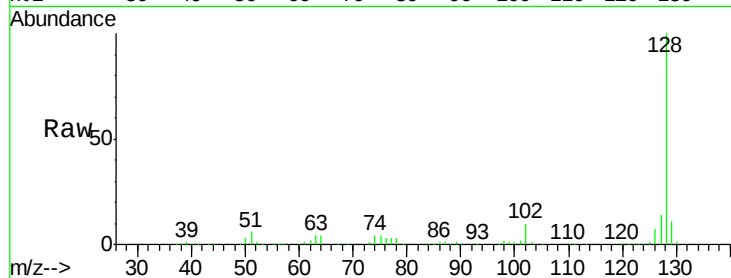




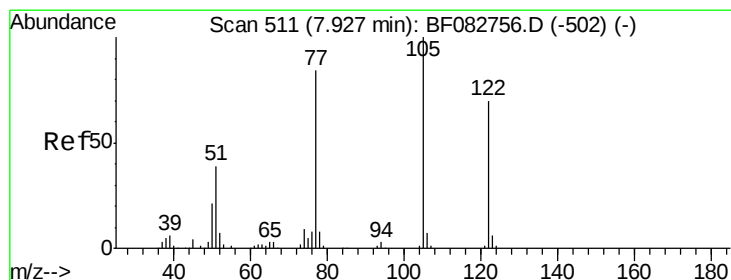
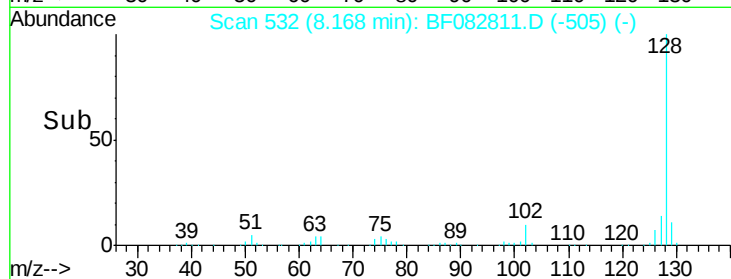
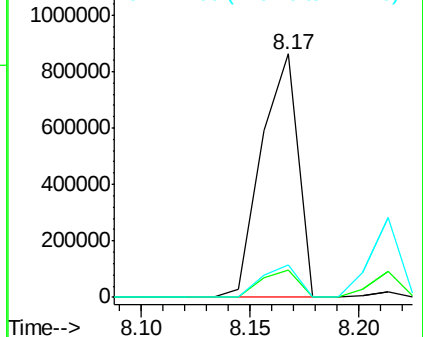
#31
Naphthalene
Concen: 28.28 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion:128 Resp: 1017649
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.5 11.4 17.0

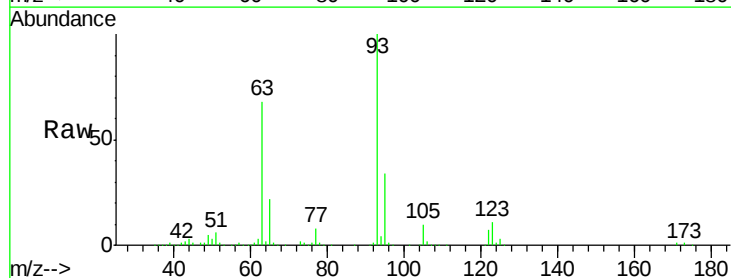


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

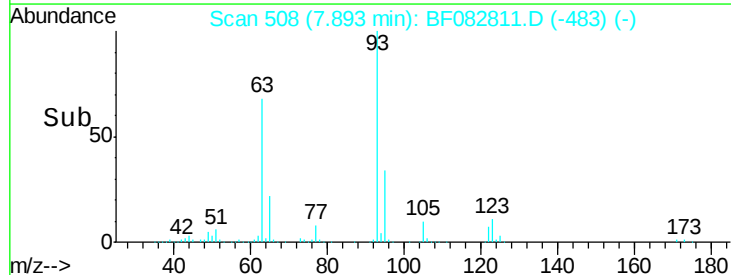
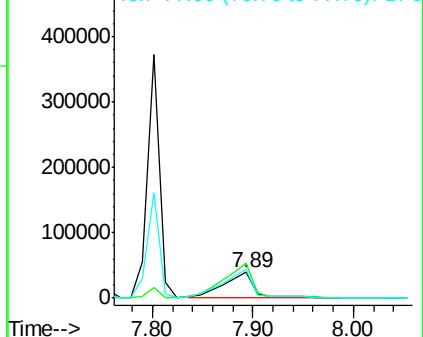


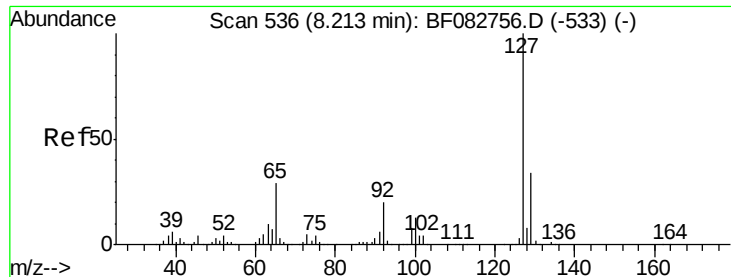
#32
Benzoic acid
Concen: 10.44 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:122 Resp: 82193
Ion Ratio Lower Upper
122 100
105 140.0 122.6 162.6
77 112.1 100.9 140.9



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

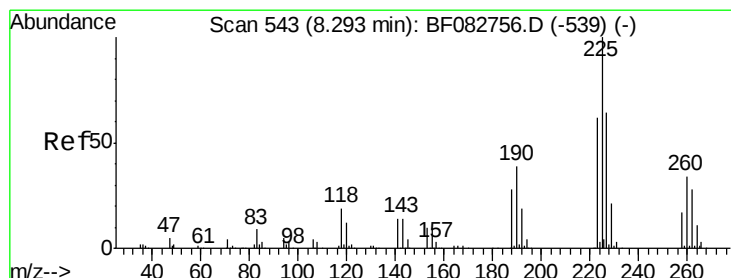
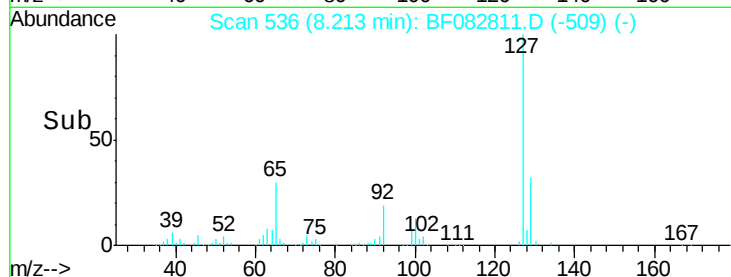
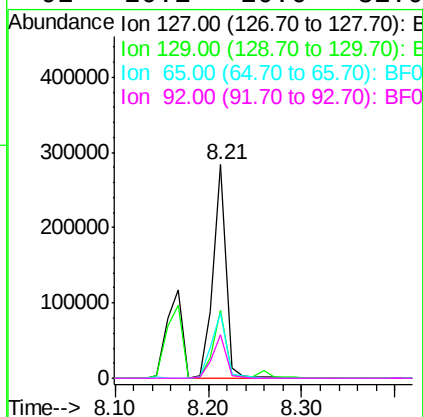
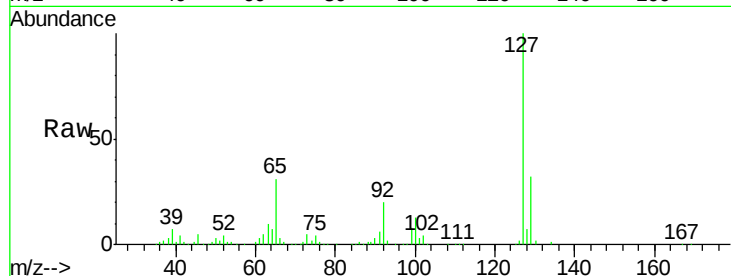




#33
4-Chloroaniline
Concen: 17.67 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

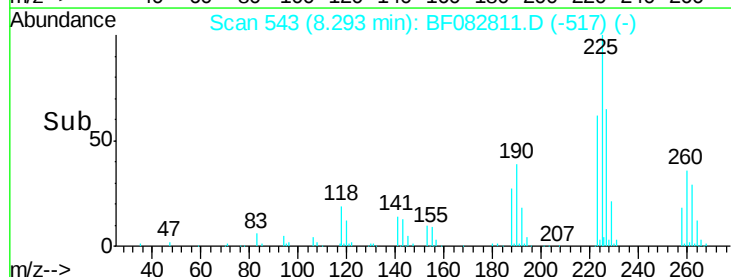
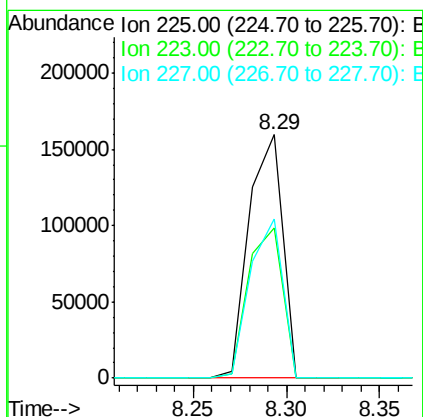
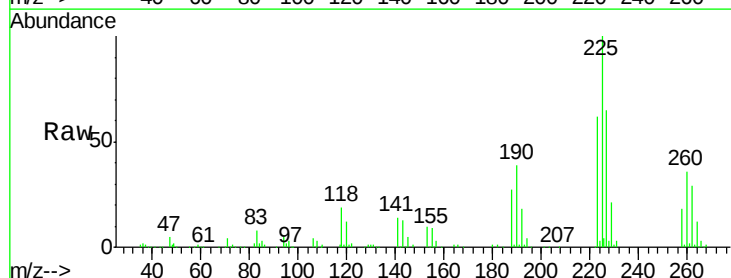
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

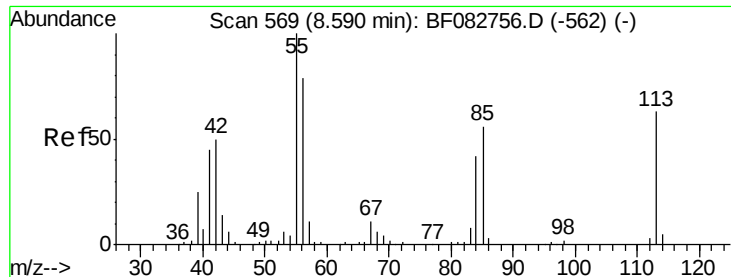
Tgt Ion:	127	Resp:	274058
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	30.5	37.8	56.8#
92	20.1	20.6	31.0#



#34
Hexachlorobutadiene
Concen: 27.23 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:	225	Resp:	199135
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.5	75.7
227	65.4	50.2	75.2

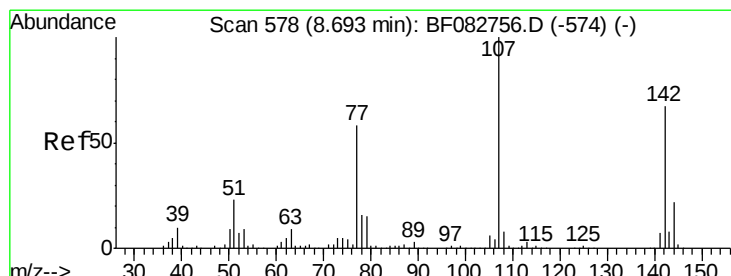
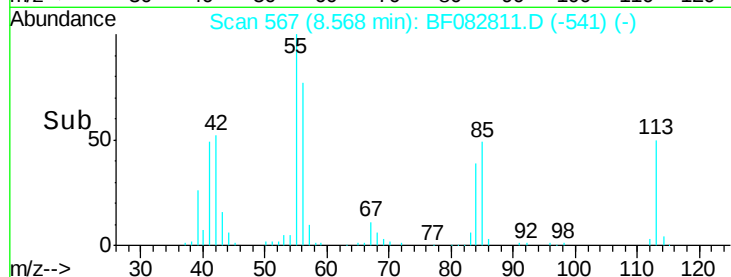
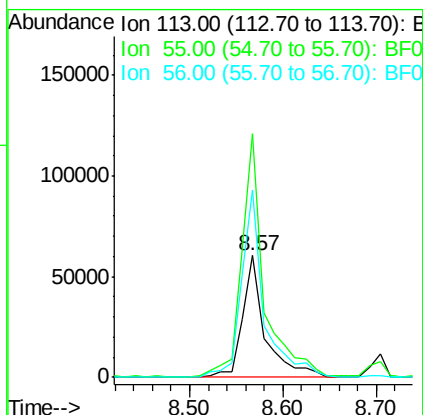
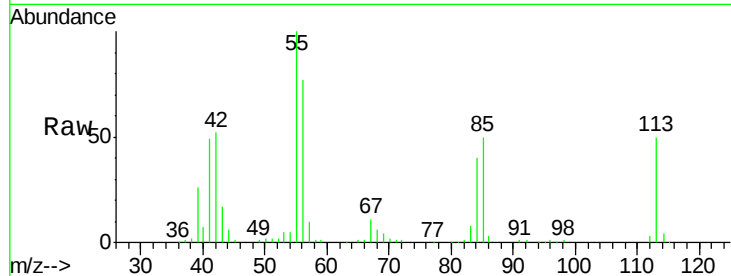




#35
 Caprolactam
 Concen: 31.02 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

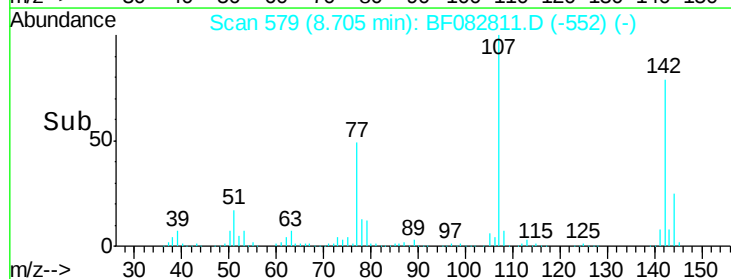
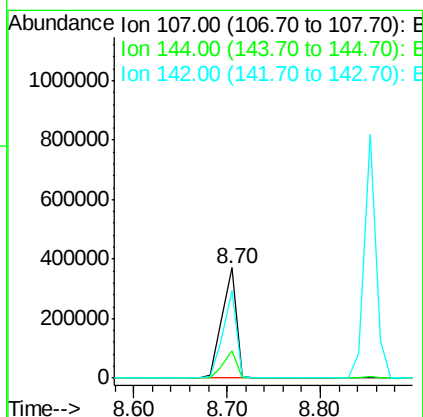
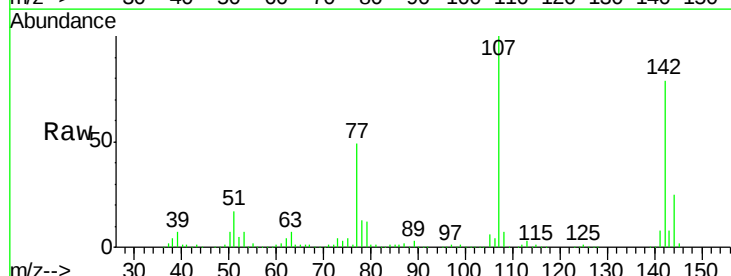
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

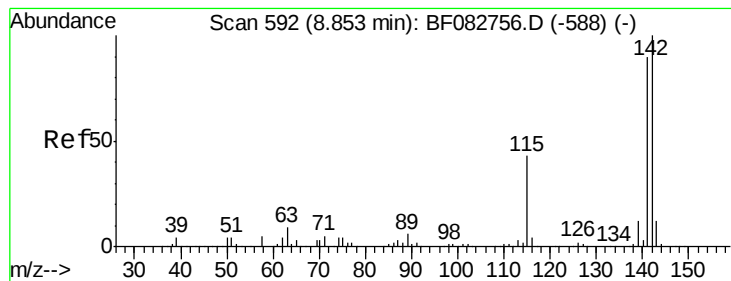
Tgt Ion:113 Resp: 101633
 Ion Ratio Lower Upper
 113 100
 55 199.9 195.5 235.5
 56 154.0 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 32.09 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:107 Resp: 392100
 Ion Ratio Lower Upper
 107 100
 144 25.3 15.4 23.0#
 142 78.8 47.8 71.8#





#37

2-Methylnaphthalene

Concen: 30.43 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

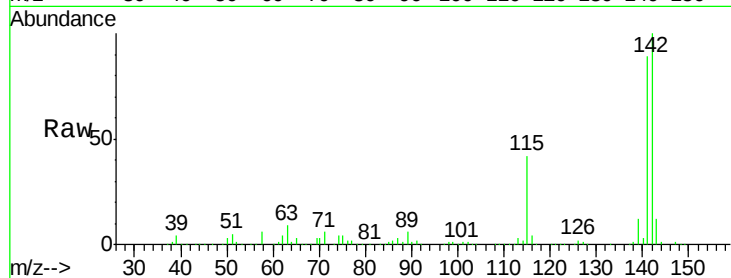
Tgt Ion:142 Resp: 708399

Ion Ratio Lower Upper

142 100

141 89.0 72.3 108.5

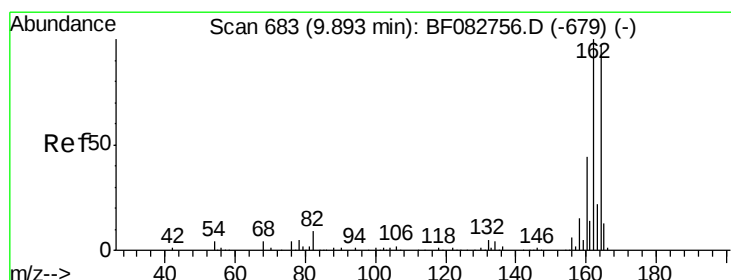
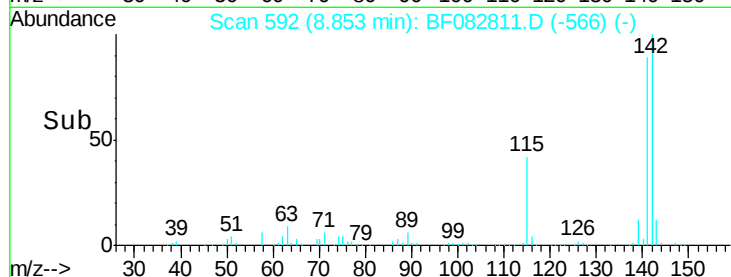
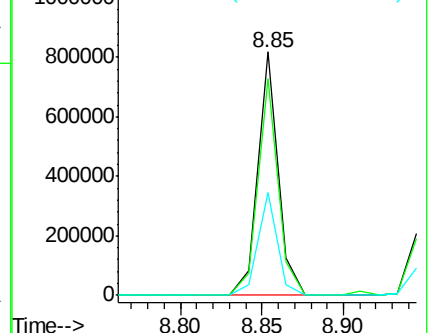
115 42.0 38.1 57.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

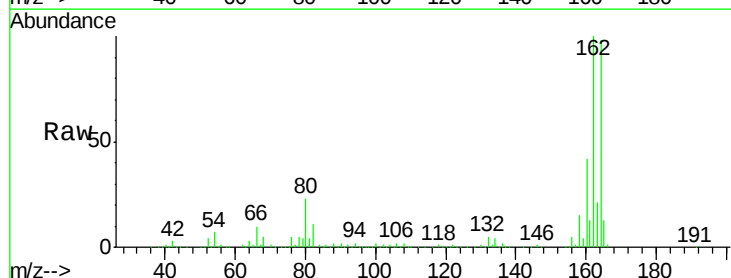
Tgt Ion:164 Resp: 406882

Ion Ratio Lower Upper

164 100

162 102.1 84.9 127.3

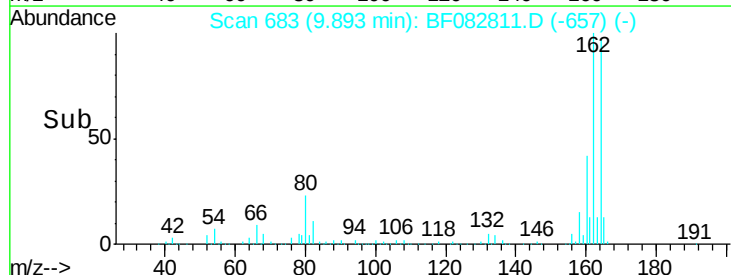
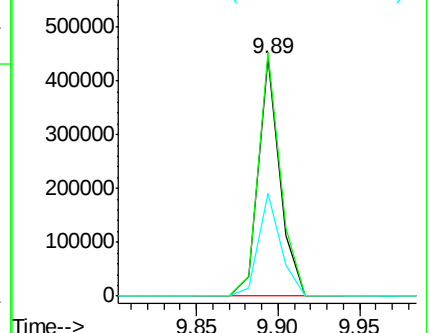
160 43.3 37.5 56.3

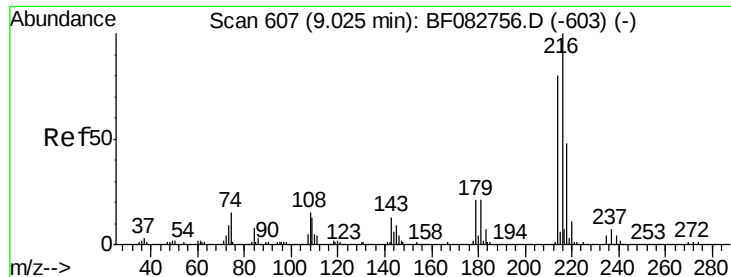


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

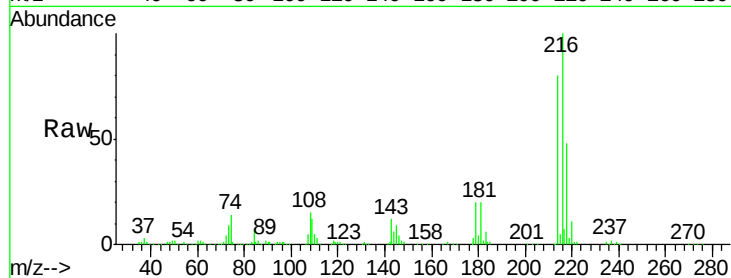




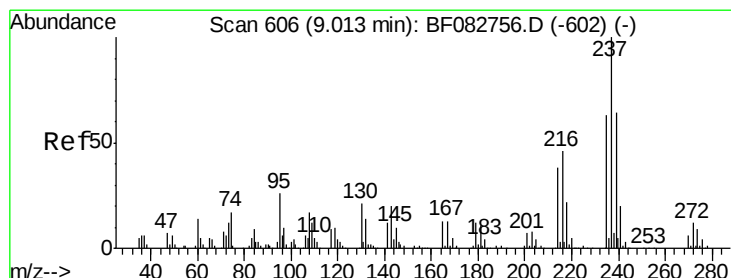
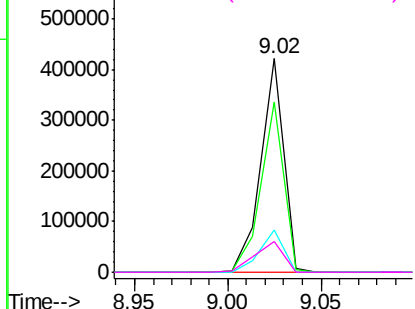
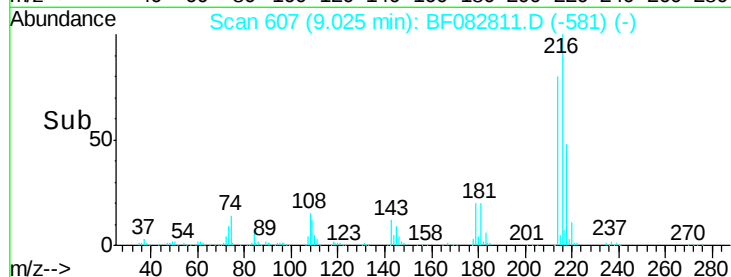
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.70 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:	216	Resp:	356996
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.2	93.2
179	21.0	18.1	27.1
108	18.0	16.6	25.0

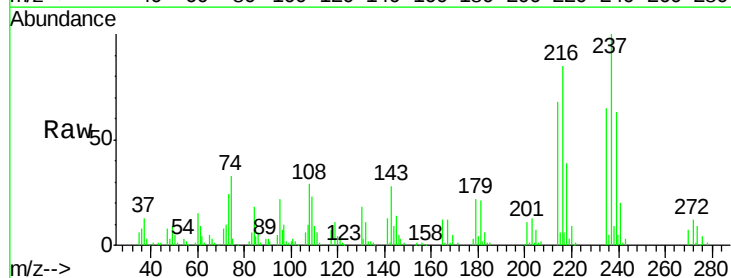


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

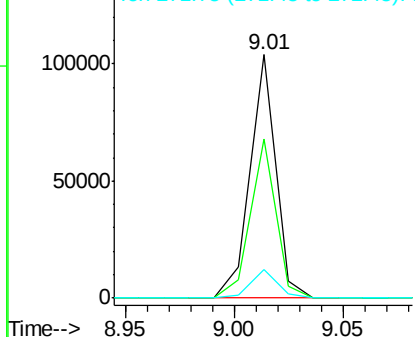
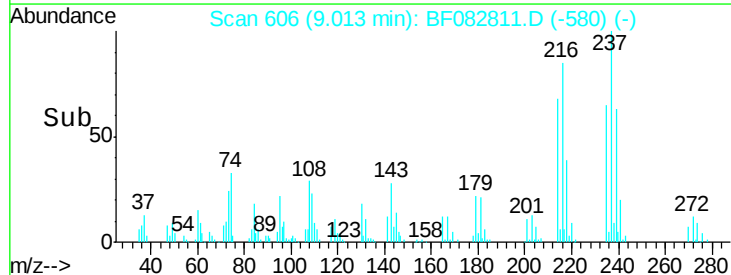


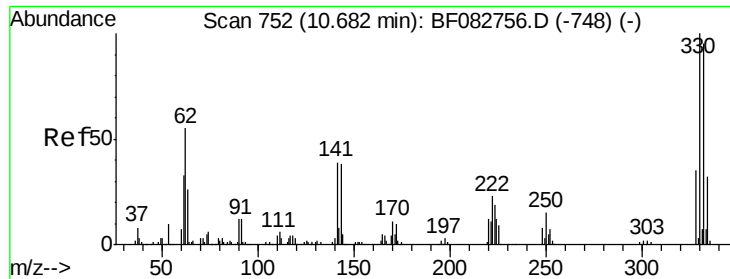
#40
 Hexachlorocyclopentadiene
 Concen: 11.90 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:	237	Resp:	85515
Ion	Ratio	Lower	Upper
237	100		
235	65.4	44.3	84.3
272	12.0	0.0	31.9



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

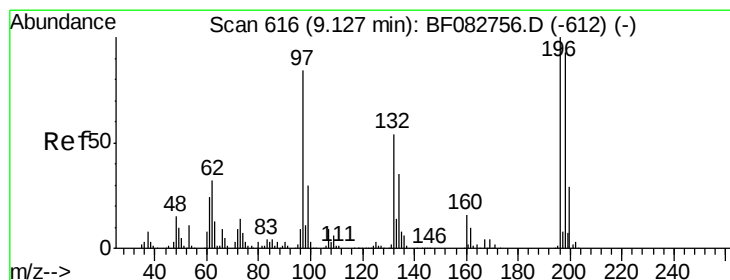
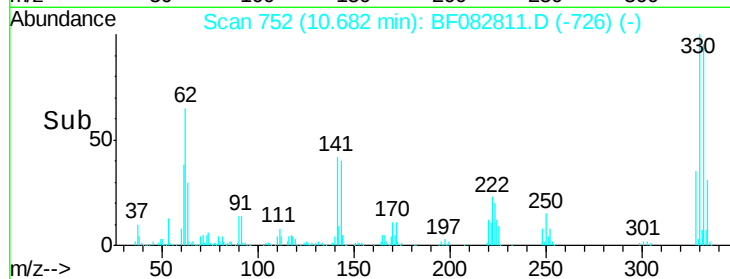
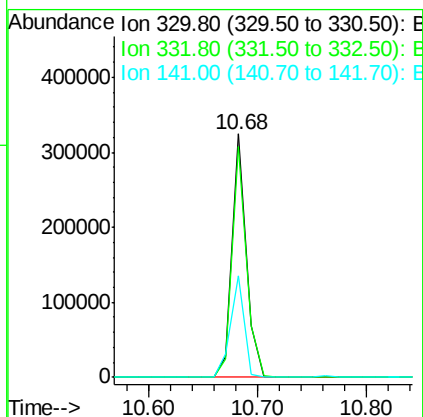
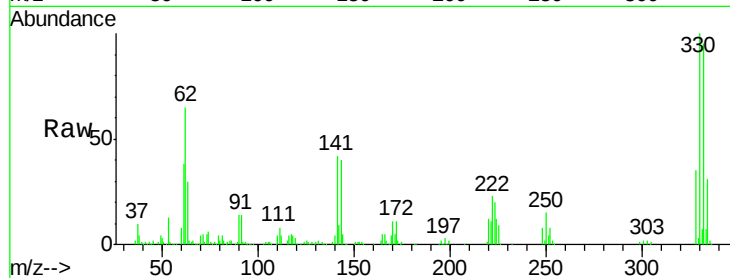




#41
 2,4,6-Tribromophenol
 Concen: 62.25 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

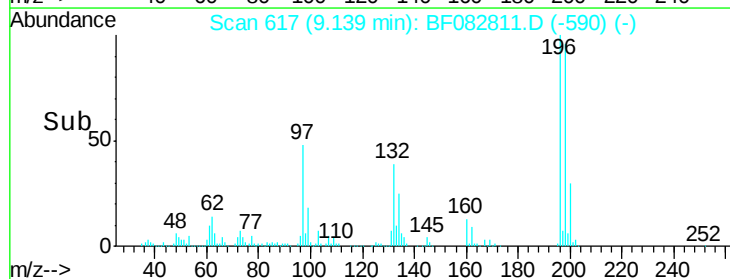
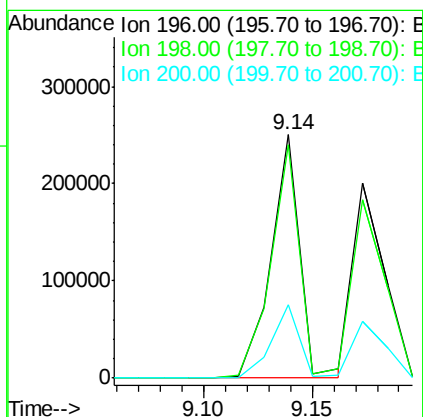
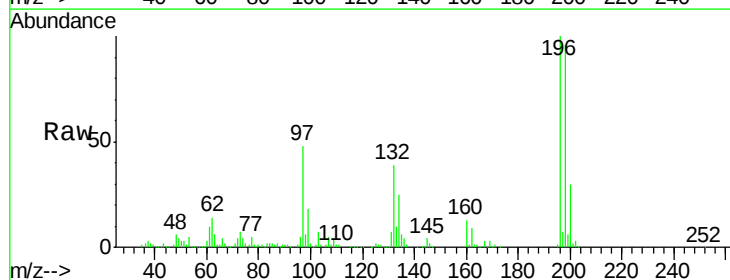
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:330 Resp: 290407
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 40.6 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 23.36 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:196 Resp: 233136
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.3 114.5
 200 30.1 23.9 35.9

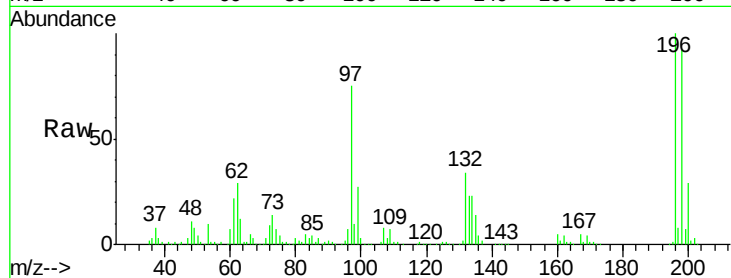




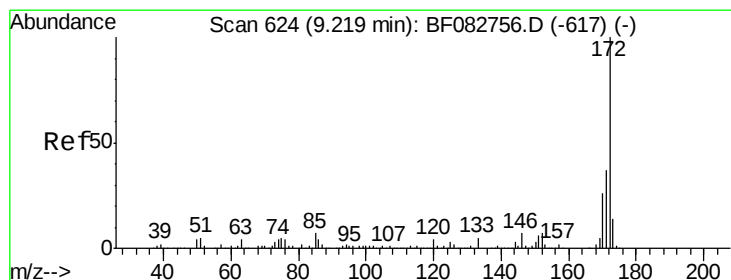
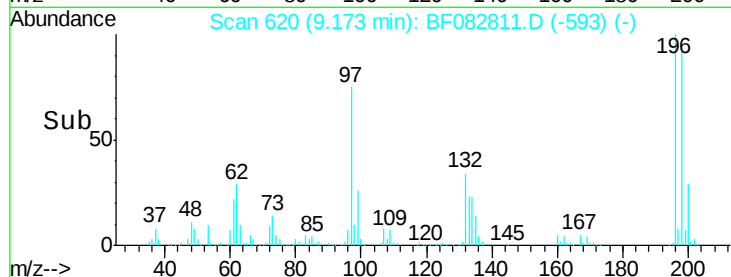
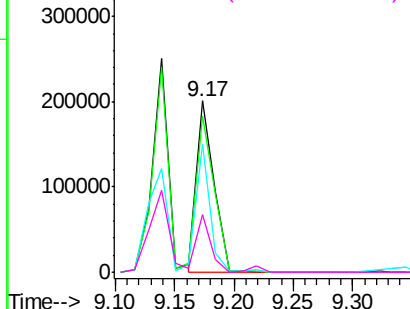
#43
 2,4,5-Trichlorophenol
 Concen: 20.97 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:196 Resp: 206970
 Ion Ratio Lower Upper
 196 100
 198 91.6 75.8 113.8
 97 75.0 62.3 93.5
 132 33.9 27.4 41.2

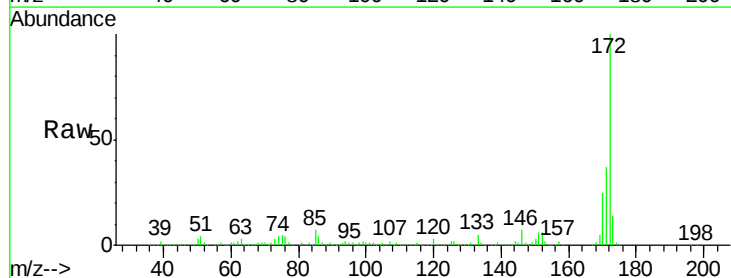


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

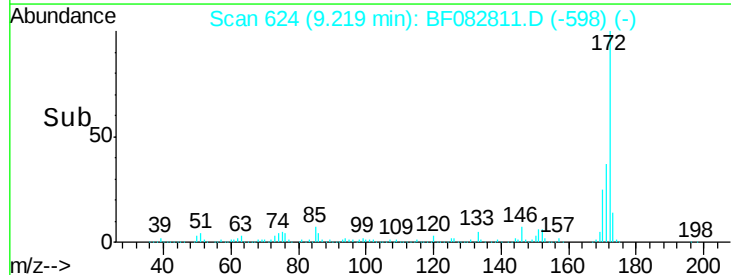
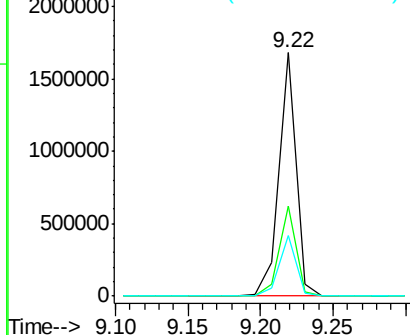


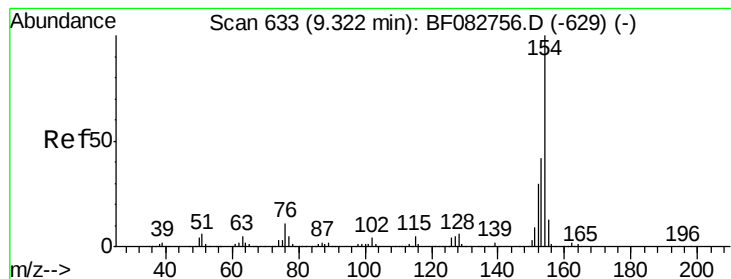
#44
 2-Fluorobiphenyl
 Concen: 48.54 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:172 Resp: 1377983
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 25.1 21.2 31.8



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: 31.65 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

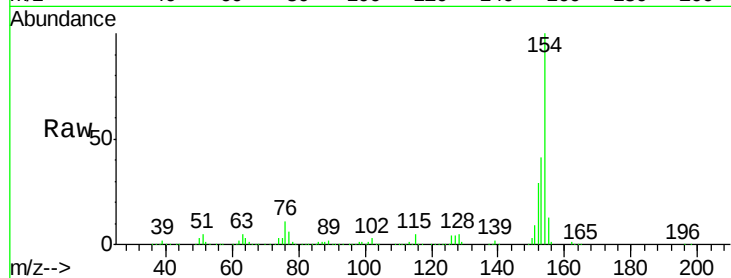
Tgt Ion:154 Resp: 1104987

Ion Ratio Lower Upper

154 100

153 41.1 22.0 62.0

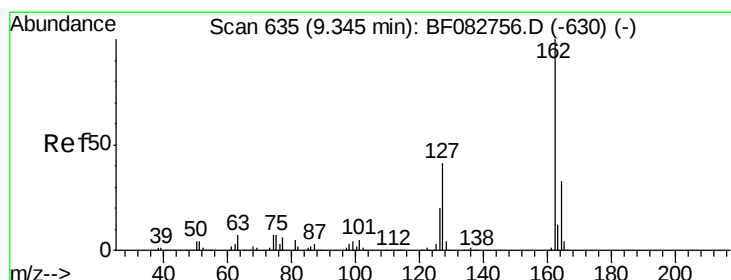
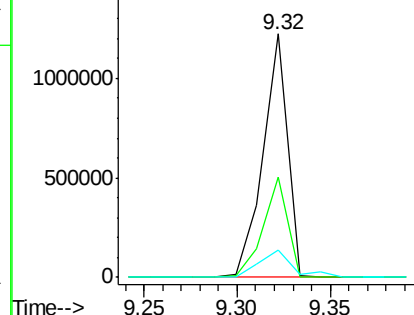
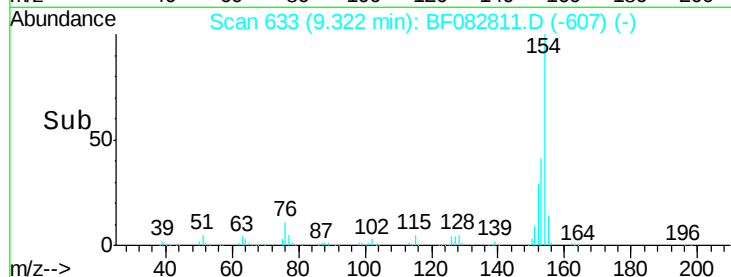
76 11.3 0.0 29.0



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: 31.20 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

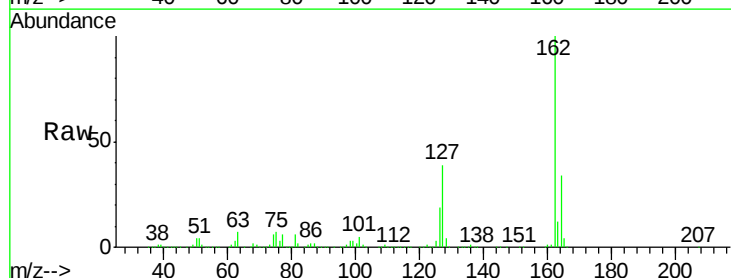
Tgt Ion:162 Resp: 849643

Ion Ratio Lower Upper

162 100

127 38.6 32.7 49.1

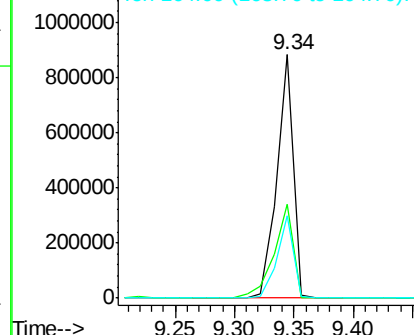
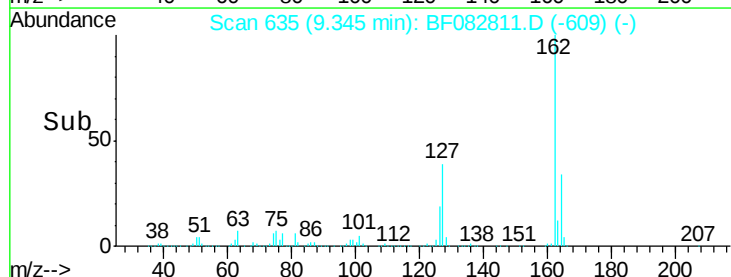
164 33.8 27.4 41.0



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

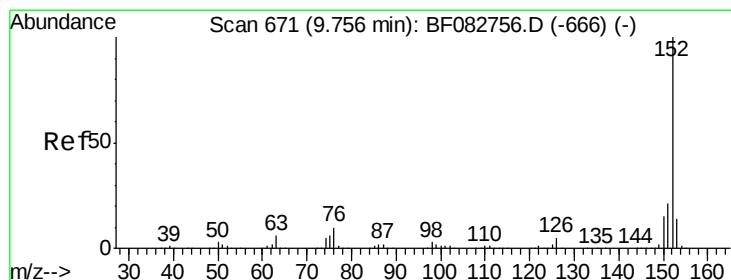
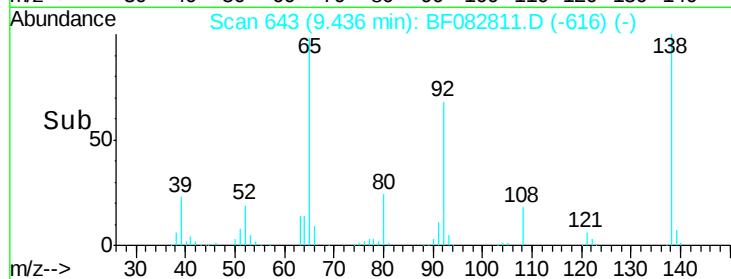
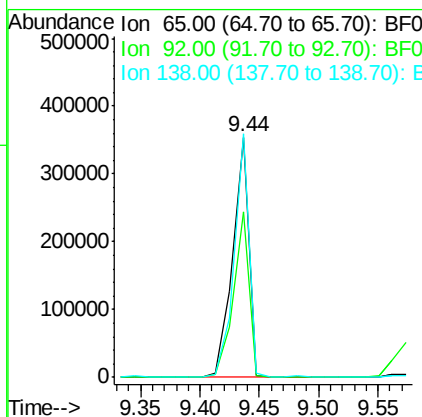
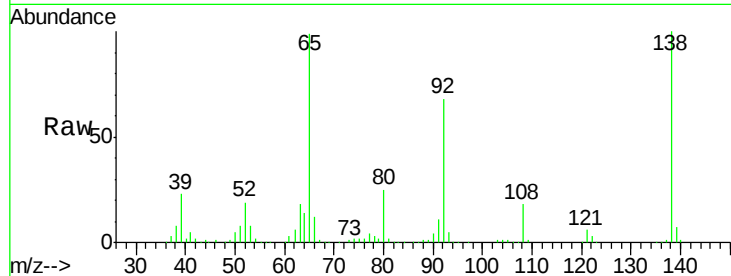




#47
 2-Nitroaniline
 Concen: 33.48 ng
 RT: 9.44 min Scan# 643
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

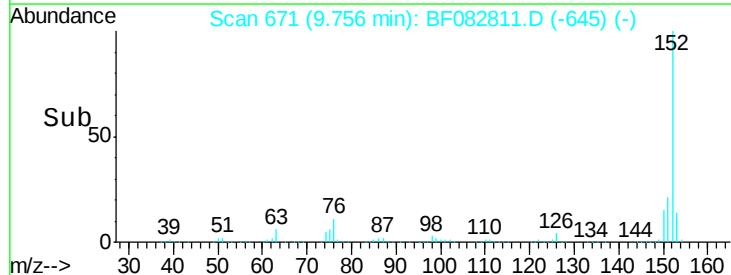
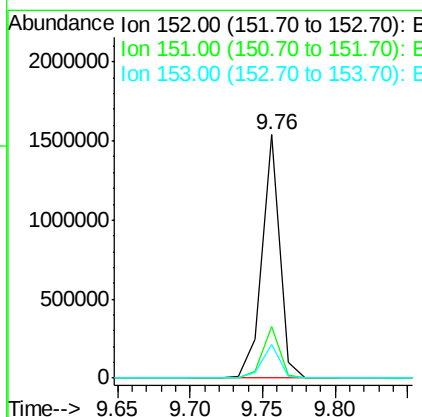
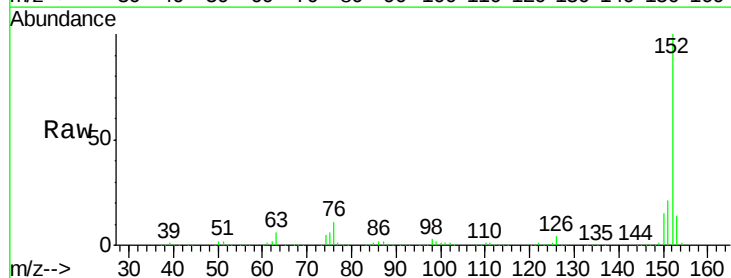
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

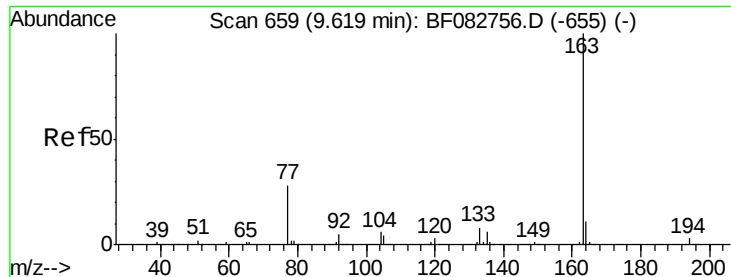
Tgt Ion: 65 Resp: 338197
 Ion Ratio Lower Upper
 65 100
 92 68.8 46.6 70.0
 138 101.5 54.6 81.8#



#48
 Acenaphthylene
 Concen: 30.50 ng
 RT: 9.76 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion: 152 Resp: 1301702
 Ion Ratio Lower Upper
 152 100
 151 21.0 17.3 25.9
 153 13.9 11.3 16.9

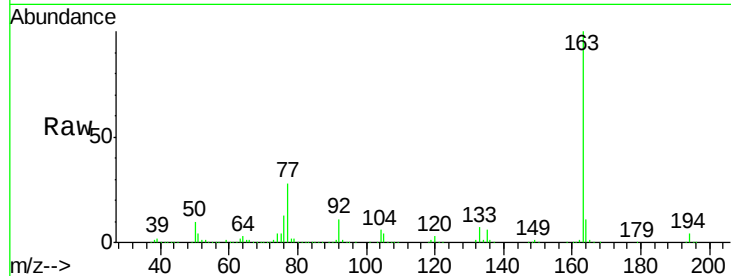




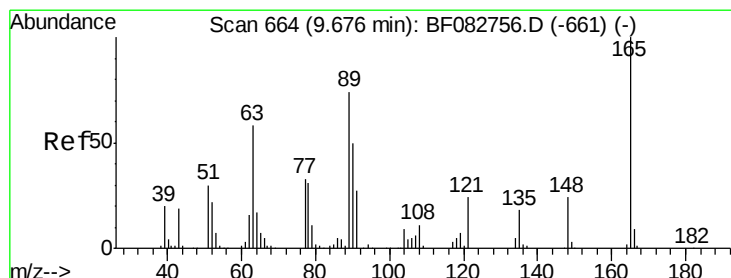
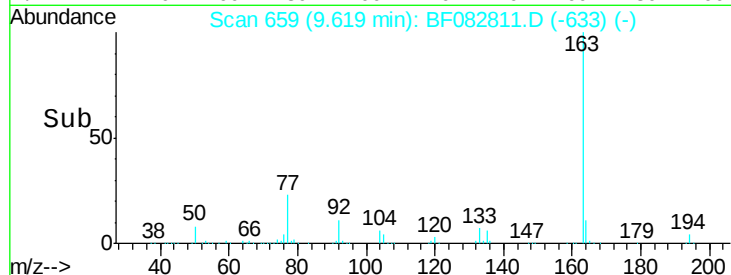
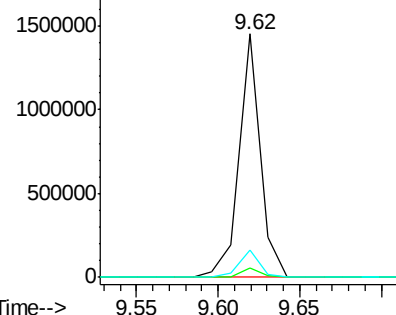
#49
Dimethylphthalate
Concen: 39.63 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion:163 Resp: 1320999
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 11.3 8.7 13.1

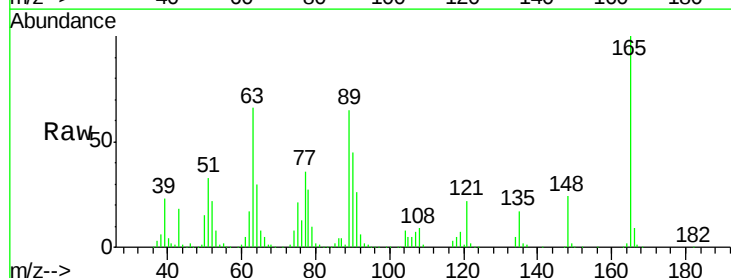


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

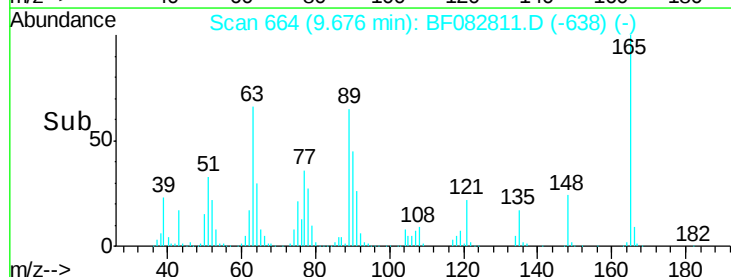
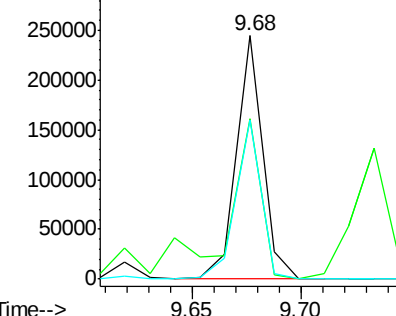


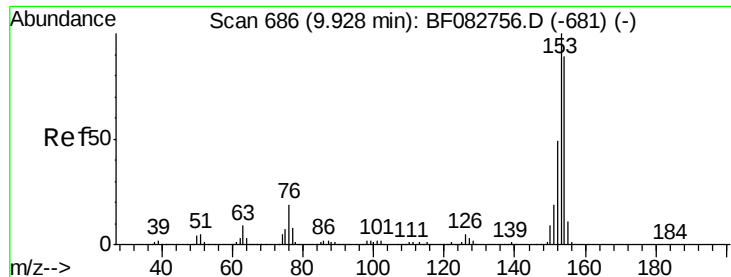
#50
2,6-Dinitrotoluene
Concen: 28.84 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:165 Resp: 205126
Ion Ratio Lower Upper
165 100
63 65.9 55.5 83.3
89 65.2 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

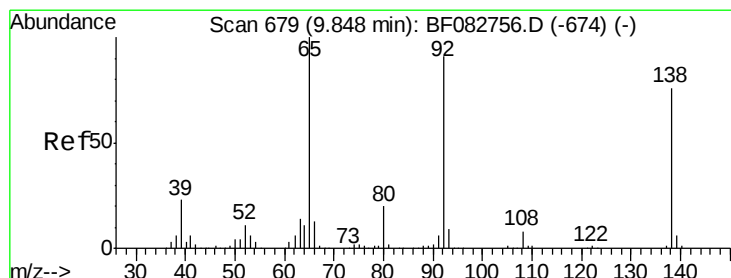
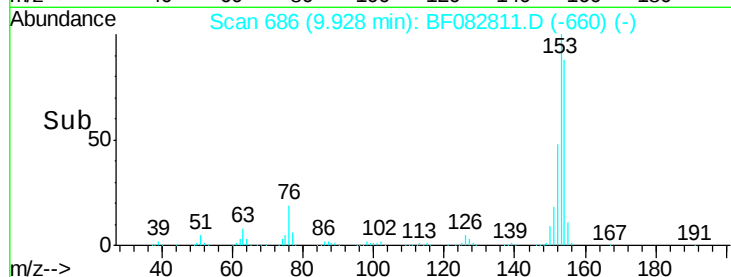
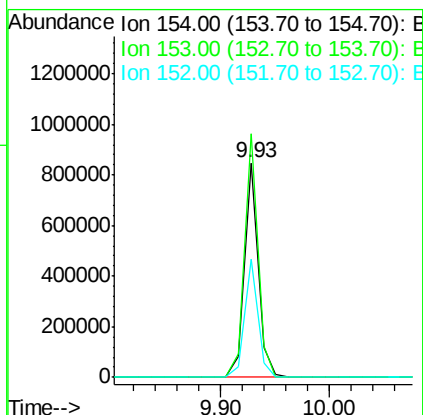
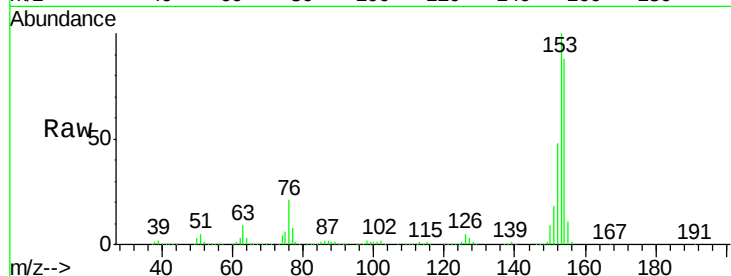




#51
Acenaphthene
Concen: 27.12 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

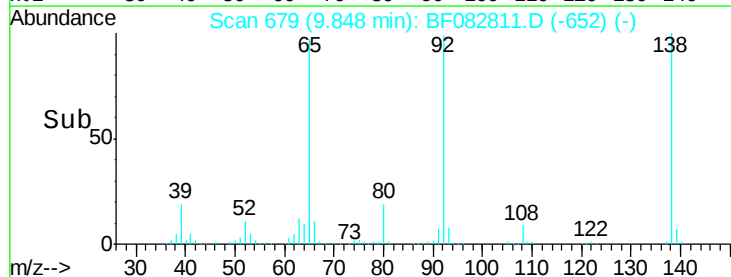
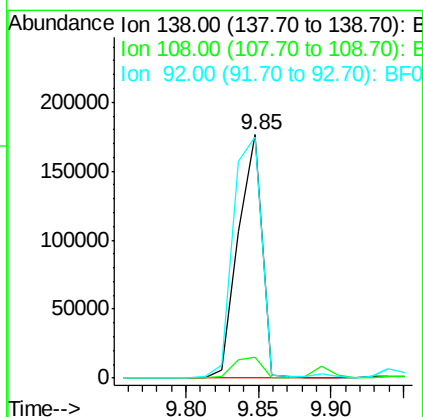
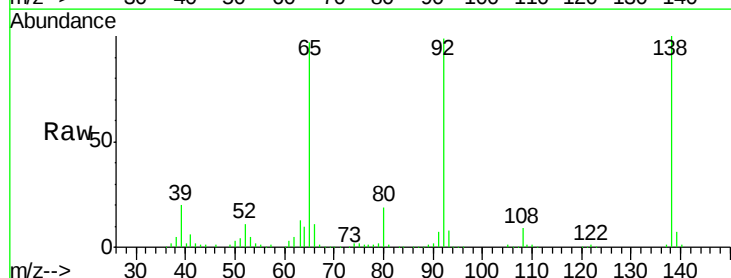
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

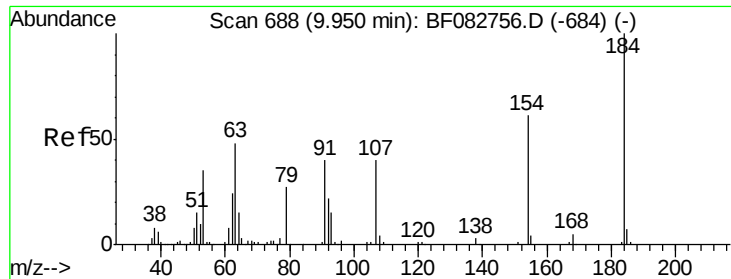
Tgt Ion:154 Resp: 733497
Ion Ratio Lower Upper
154 100
153 113.5 90.1 135.1
152 55.0 44.3 66.5



#52
3-Nitroaniline
Concen: 25.62 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:138 Resp: 200443
Ion Ratio Lower Upper
138 100
108 8.6 11.3 16.9#
92 99.0 122.4 183.6#

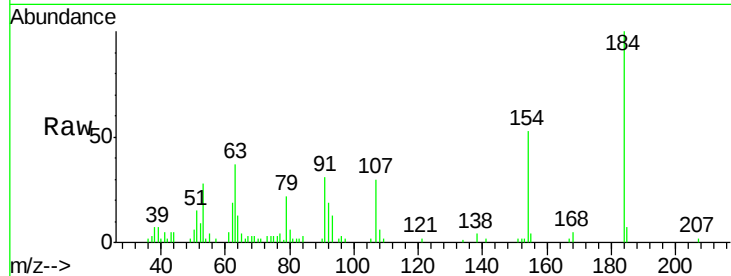




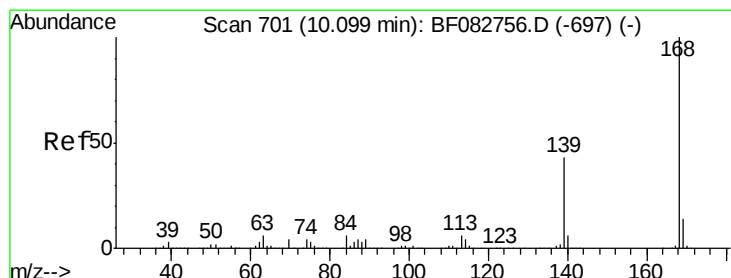
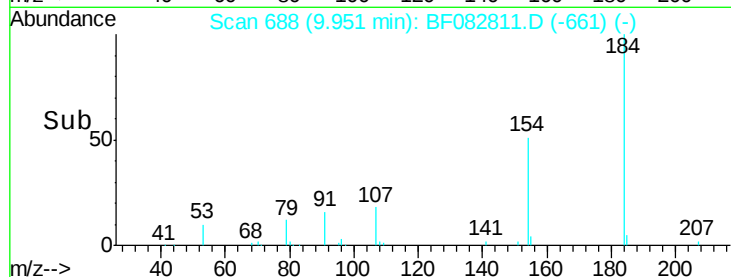
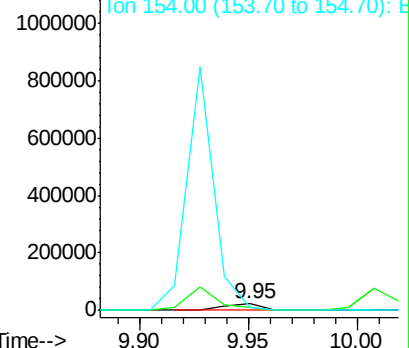
#53
 2,4-Dinitrophenol
 Concen: 6.75 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:184 Resp: 26380
 Ion Ratio Lower Upper
 184 100
 63 37.5 98.6 148.0#
 154 52.8 183.9 275.9#

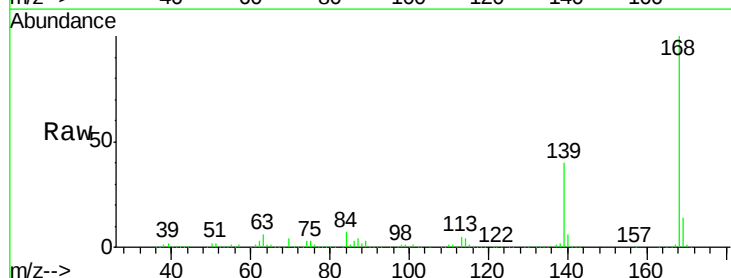


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

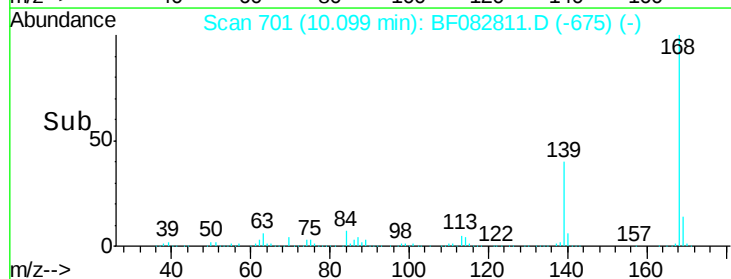
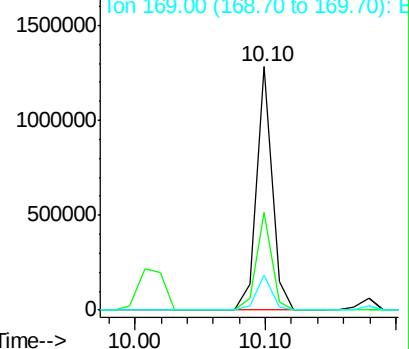


#54
 Dibenzofuran
 Concen: 29.63 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:168 Resp: 1080492
 Ion Ratio Lower Upper
 168 100
 139 40.0 37.8 56.6
 169 14.4 11.3 16.9



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

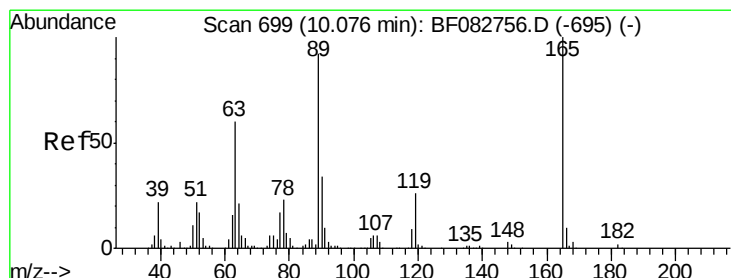
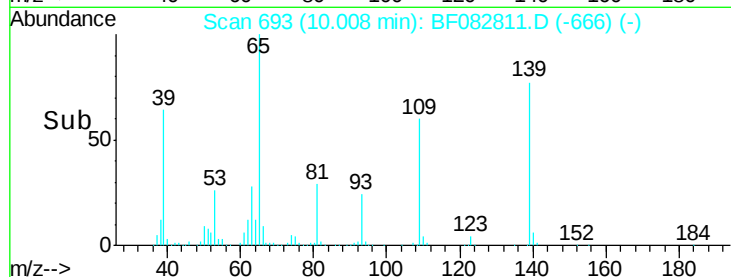
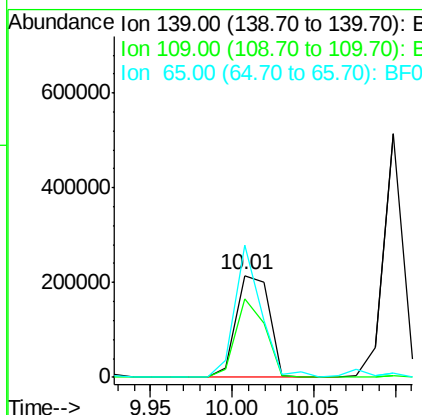
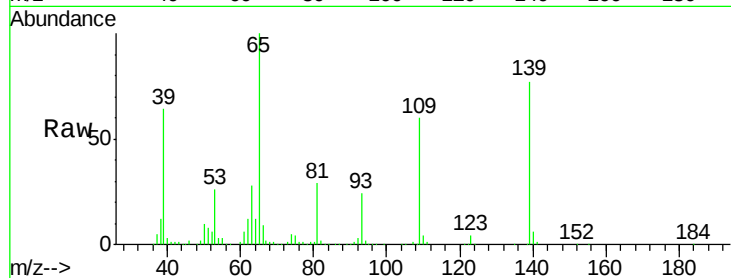




#55
4-Nitrophenol
Concen: 50.70 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

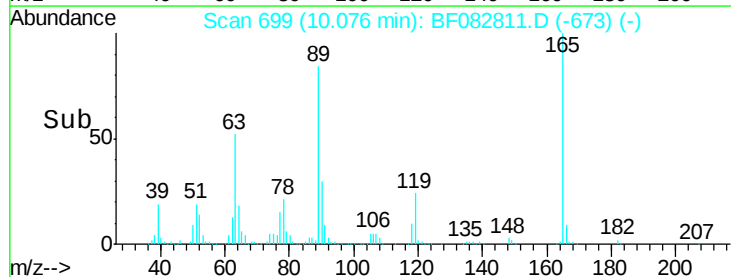
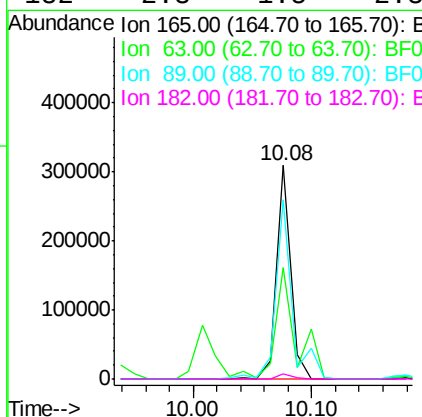
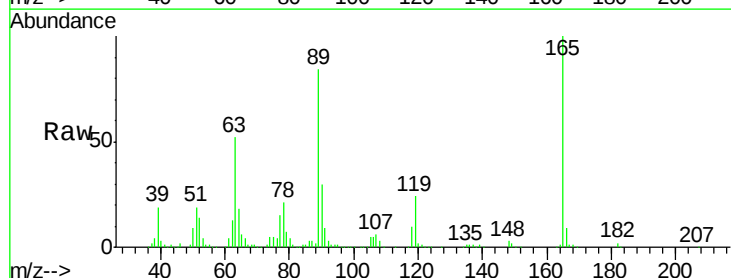
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

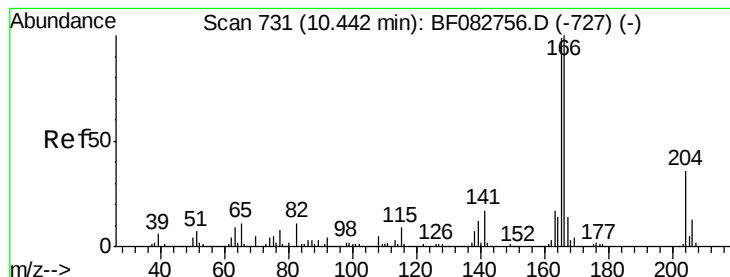
Tgt Ion:139 Resp: 304258
Ion Ratio Lower Upper
139 100
109 77.5 73.7 113.7
65 130.0 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 26.57 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:165 Resp: 256402
Ion Ratio Lower Upper
165 100
63 51.9 43.4 65.0
89 83.8 70.6 106.0
182 2.3 1.5 2.3#





#57

Fluorene

Concen: 27.63 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

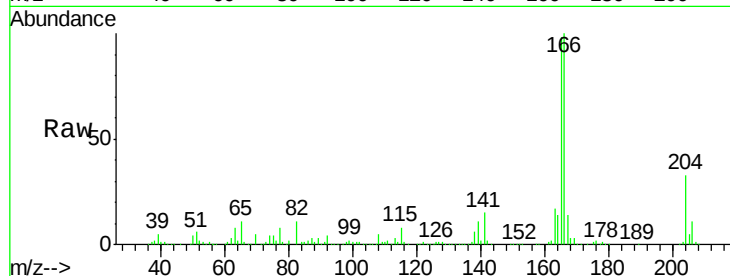
Tgt Ion:166 Resp: 816168

Ion Ratio Lower Upper

166 100

165 98.4 80.2 120.4

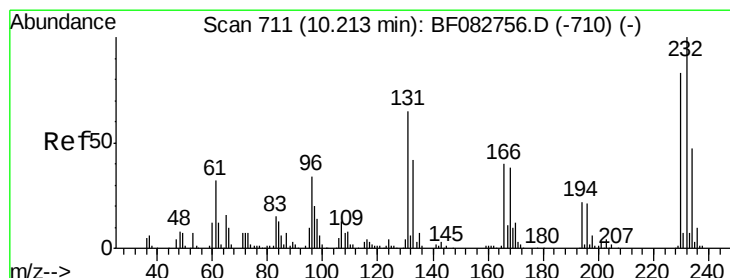
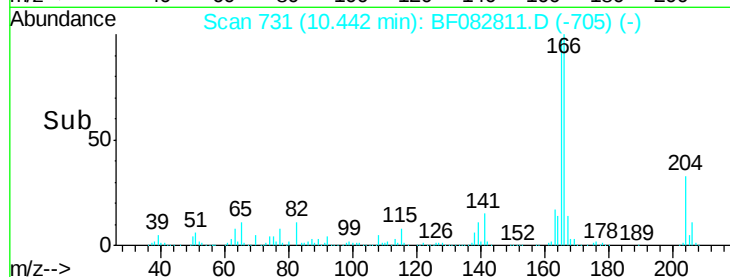
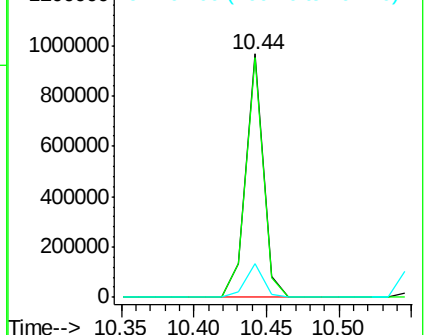
167 13.8 11.2 16.8



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: 27.52 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Tgt Ion:232 Resp: 221717

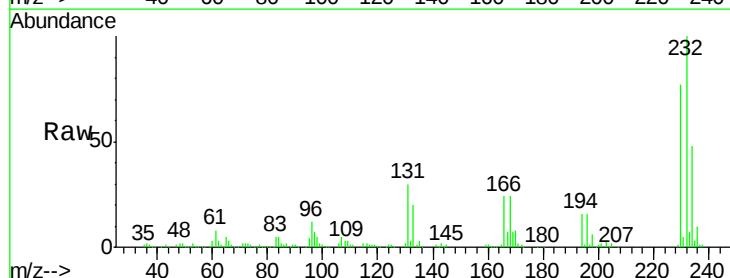
Ion Ratio Lower Upper

232 100

131 43.8 46.2 69.2#

130 2.1 2.4 3.6#

166 29.3 28.2 42.2

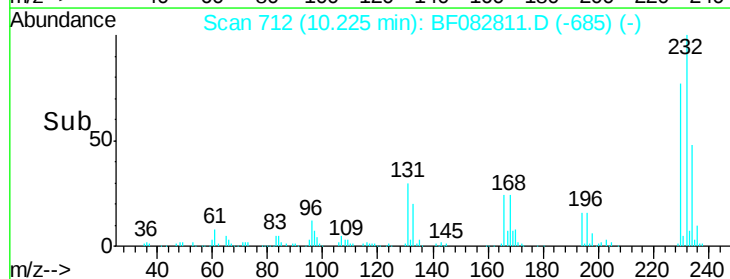
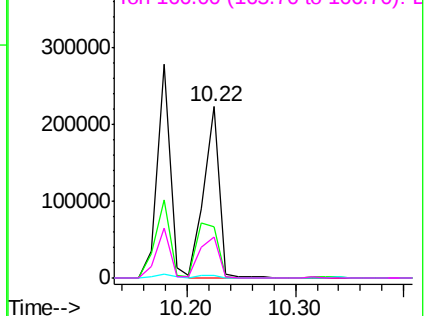


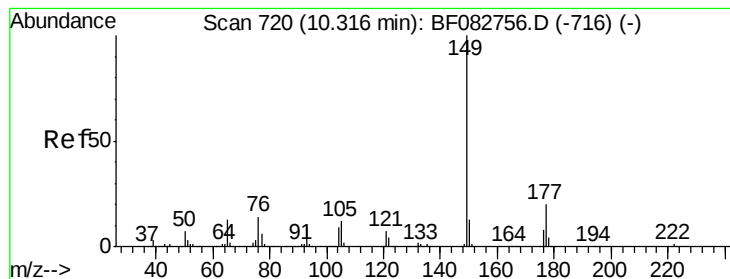
Abundance Ion 232.00 (231.70 to 232.70): E

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: 27.44 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

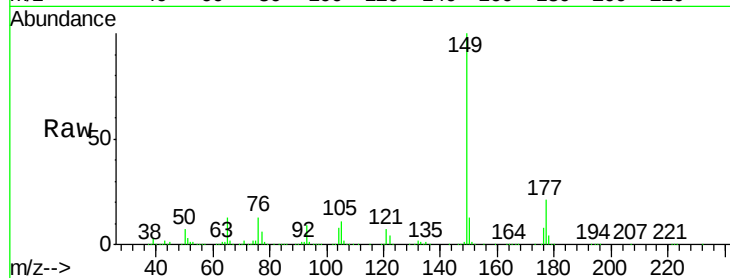
Tgt Ion:149 Resp: 893286

Ion Ratio Lower Upper

149 100

177 20.8 17.9 26.9

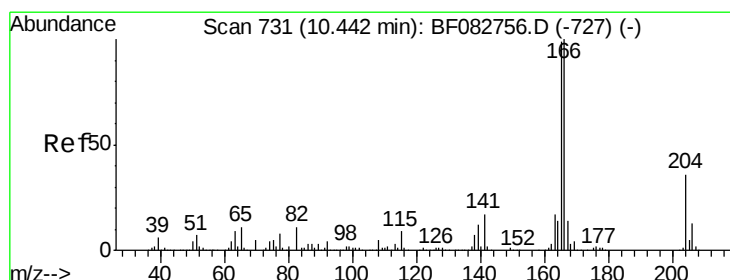
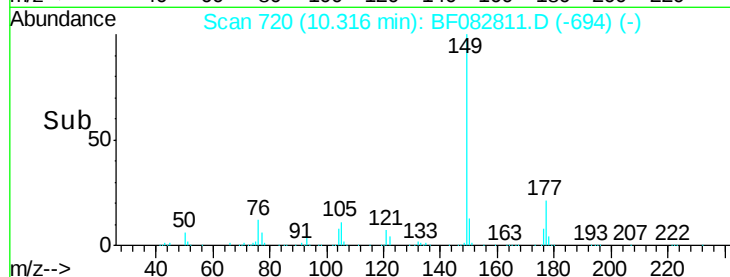
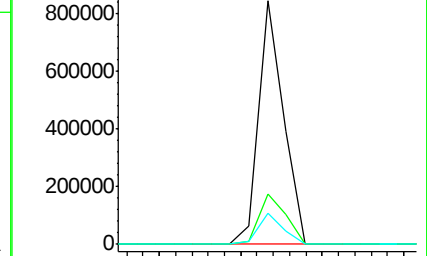
150 12.9 10.1 15.1



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: 26.21 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

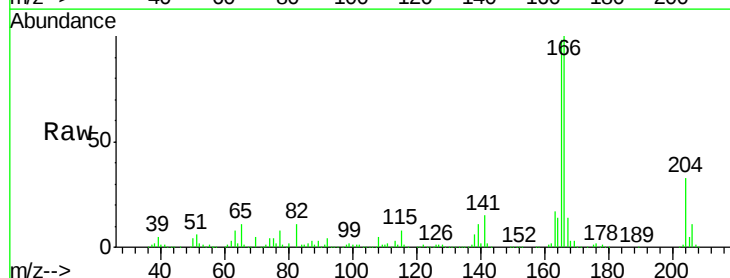
Tgt Ion:204 Resp: 387390

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

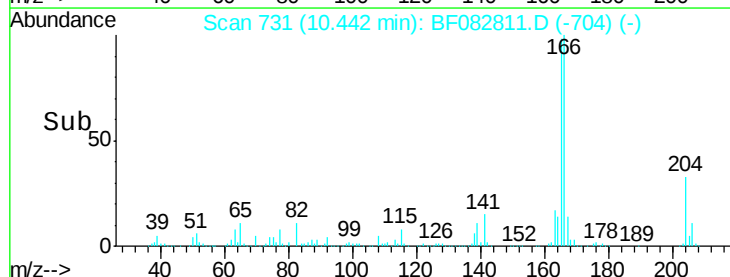
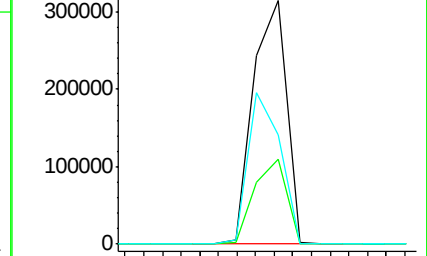
141 44.8 44.6 66.8

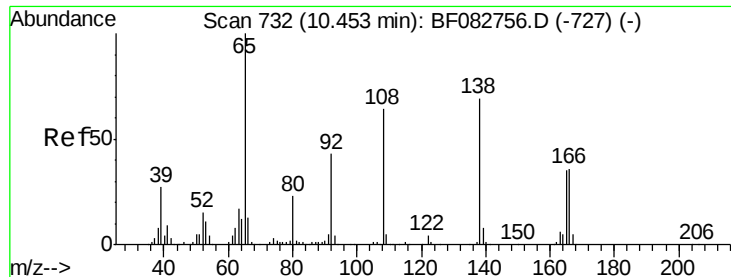


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

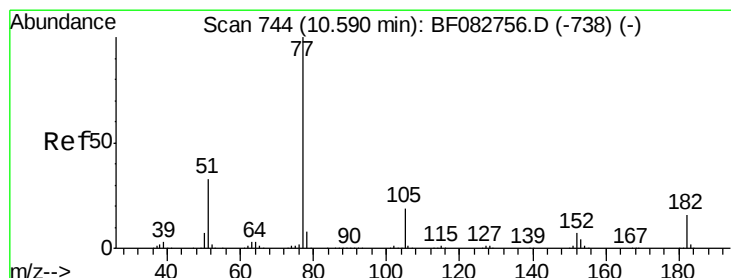
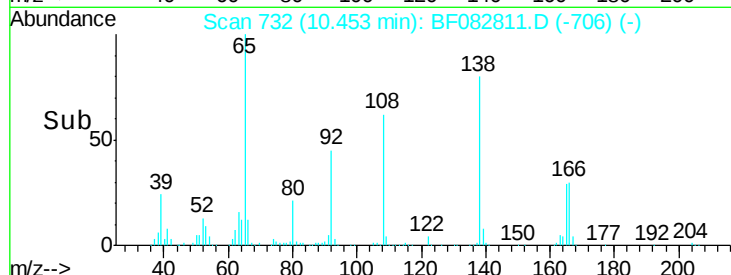
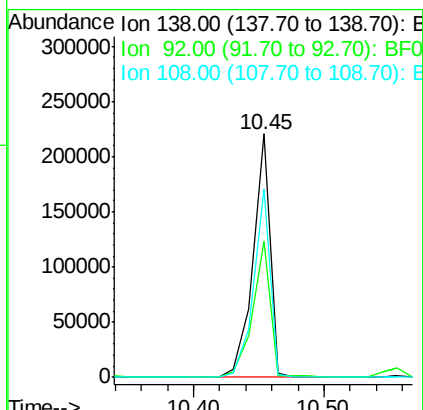
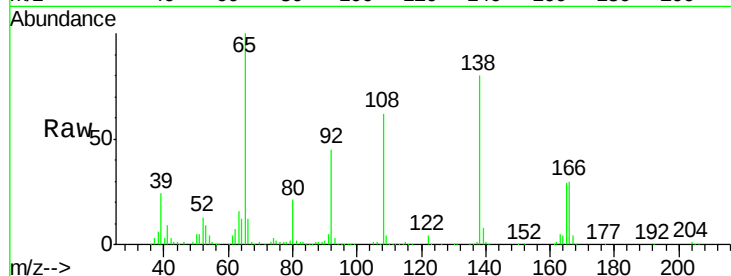




#61
4-Nitroaniline
Concen: 25.75 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

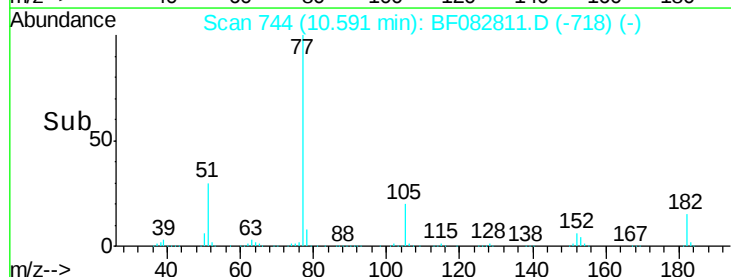
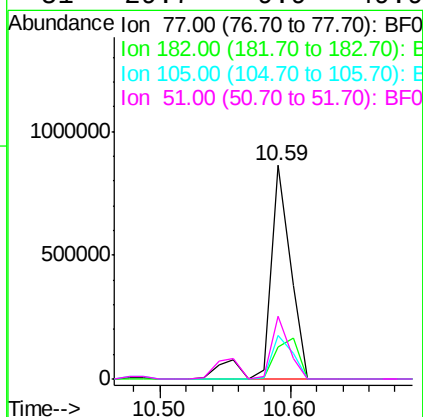
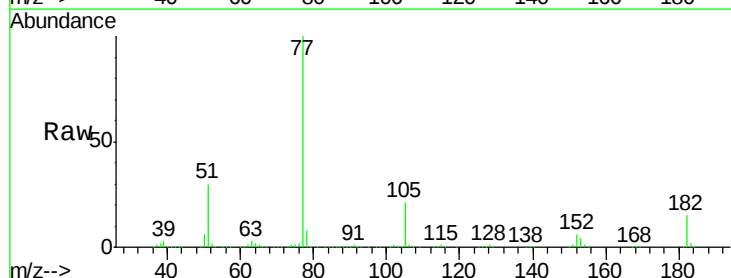
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

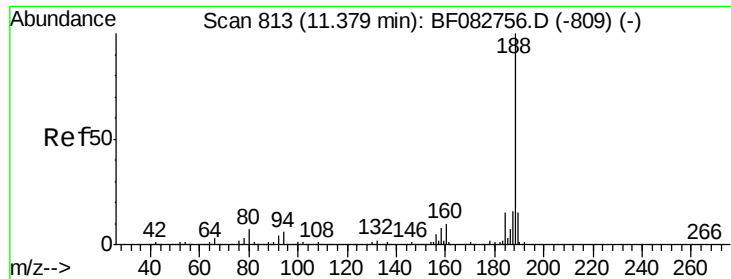
Tgt Ion: 138 Resp: 202552
Ion Ratio Lower Upper
138 100
92 55.6 45.8 85.8
108 77.3 89.4 129.4#



#62
Azobenzene
Concen: 27.77 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion: 77 Resp: 970825
Ion Ratio Lower Upper
77 100
182 15.2 9.3 49.3
105 20.5 2.6 42.6
51 29.7 9.9 49.9

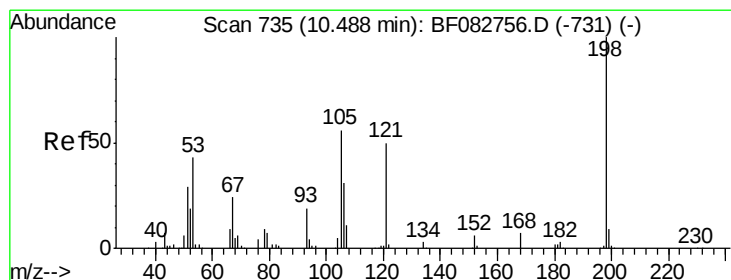
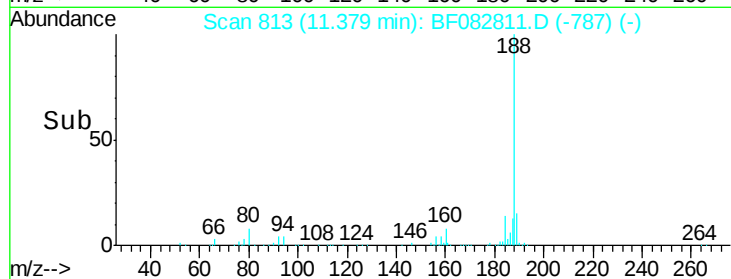
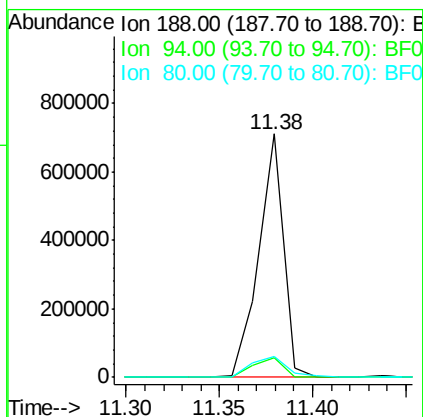
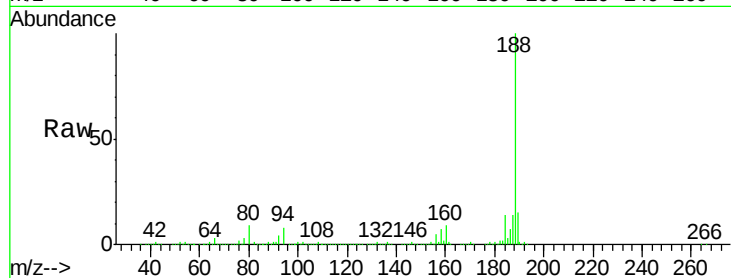




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

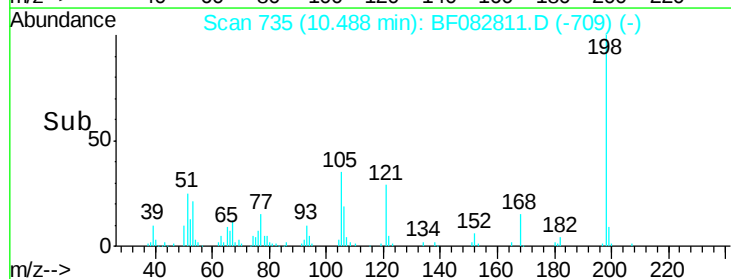
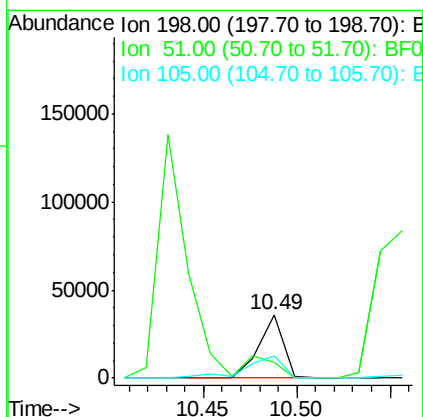
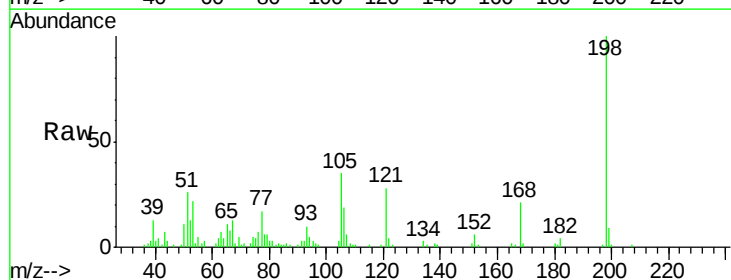
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

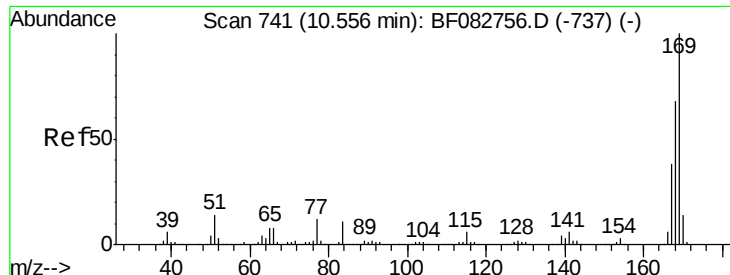
Tgt Ion:188 Resp: 660994
Ion Ratio Lower Upper
188 100
94 8.1 6.1 9.1
80 8.8 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 7.02 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:198 Resp: 33055
Ion Ratio Lower Upper
198 100
51 25.5 17.3 57.3
105 35.0 21.7 61.7

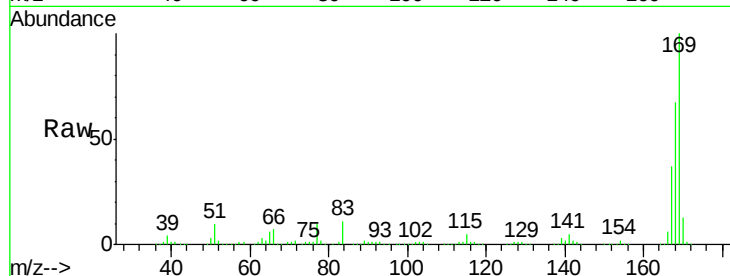




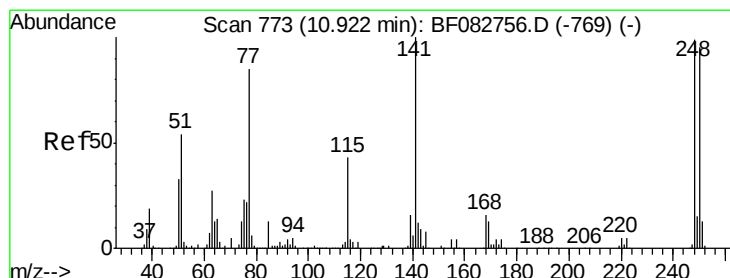
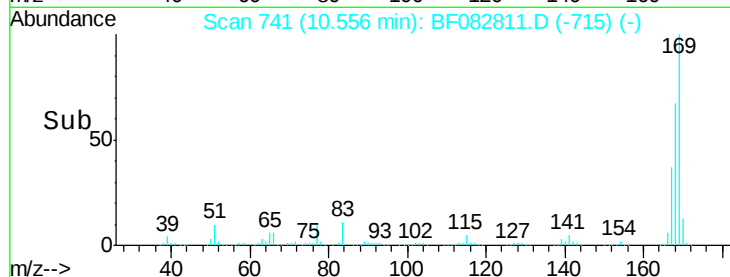
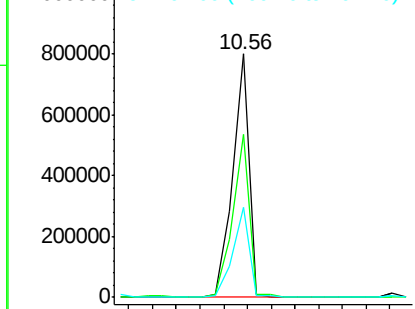
#65
n-Nitrosodiphenylamine
Concen: 31.86 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion:169 Resp: 760710
Ion Ratio Lower Upper
169 100
168 67.1 55.0 82.6
167 37.1 30.5 45.7

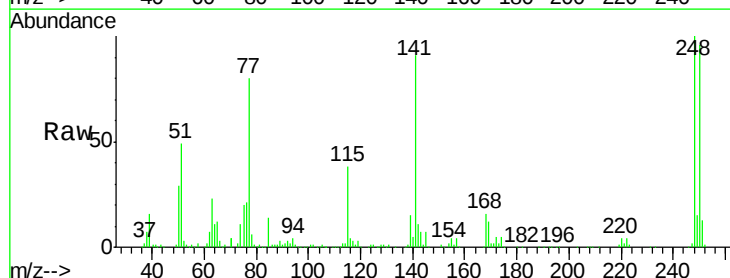


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

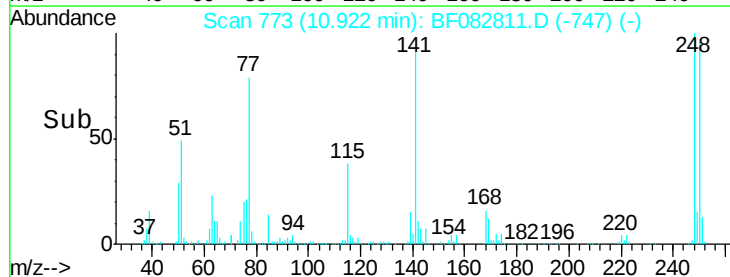
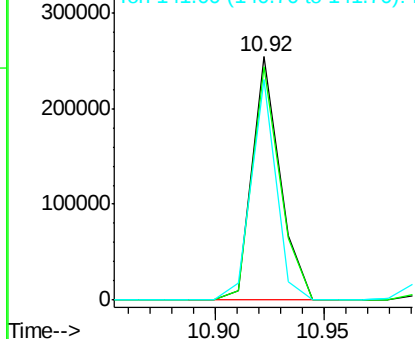


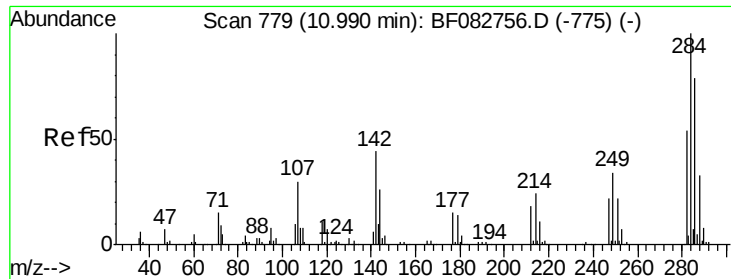
#66
4-Bromophenyl-phenylether
Concen: 28.66 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:248 Resp: 228100
Ion Ratio Lower Upper
248 100
250 95.8 79.4 119.2
141 90.8 36.3 54.5#



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

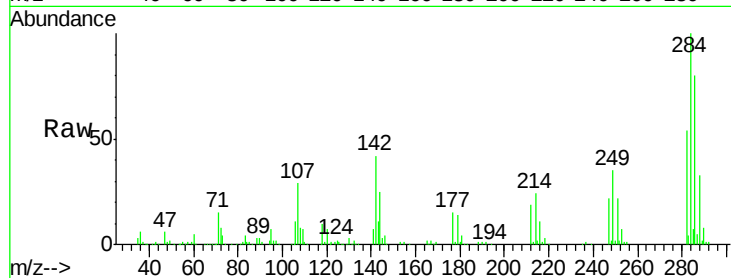




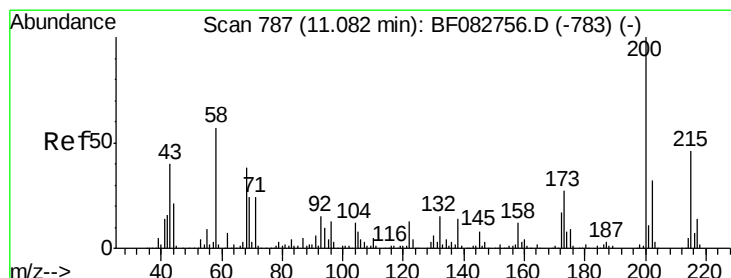
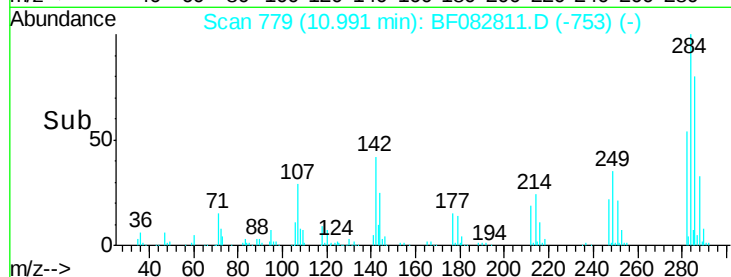
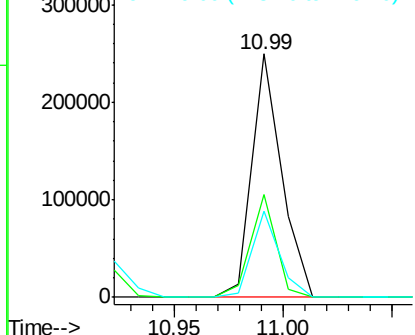
#67
Hexachlorobenzene
Concen: 26.65 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.4	47.9	71.9#
249	35.3	29.7	44.5

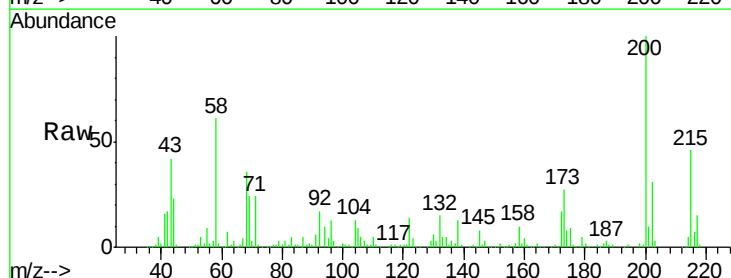


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

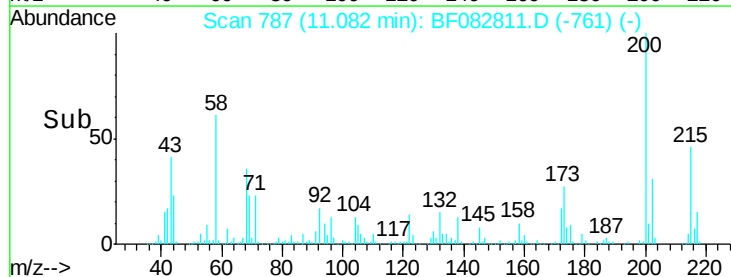
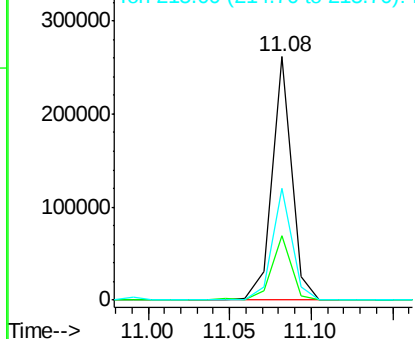


#68
Atrazine
Concen: 29.62 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.9	46.9
215	45.9	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

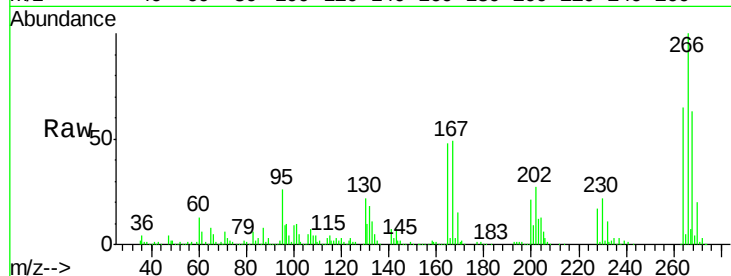




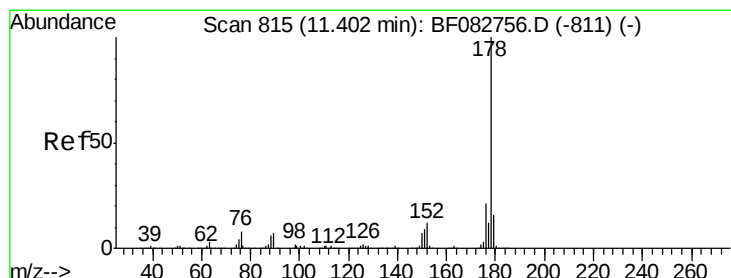
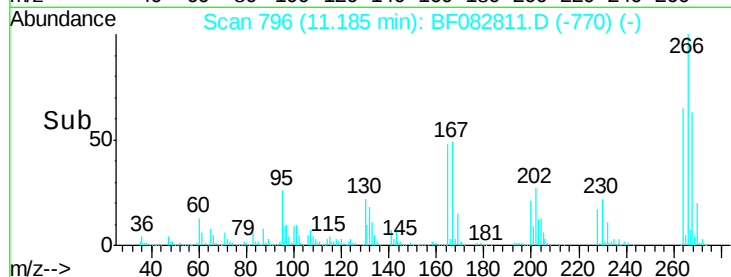
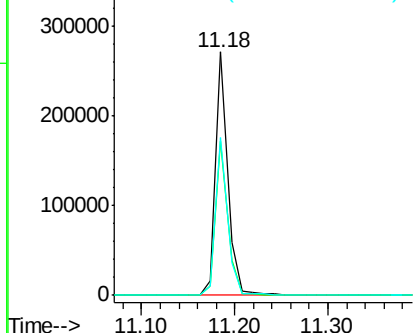
#69
 Pentachlorophenol
 Concen: 45.78 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

Tgt Ion:266 Resp: 247045
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.0 76.6
 264 65.0 50.6 75.8

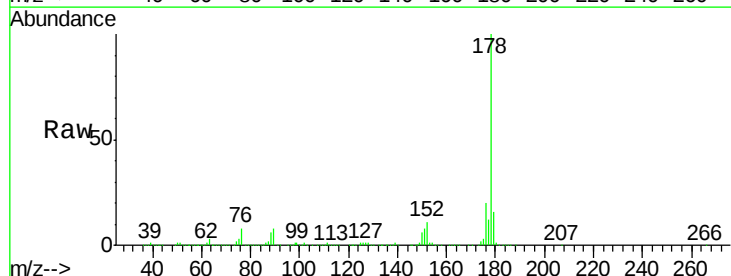


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

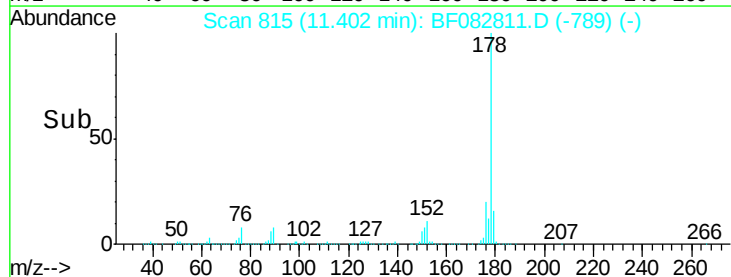
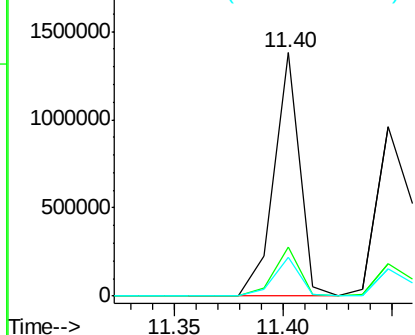


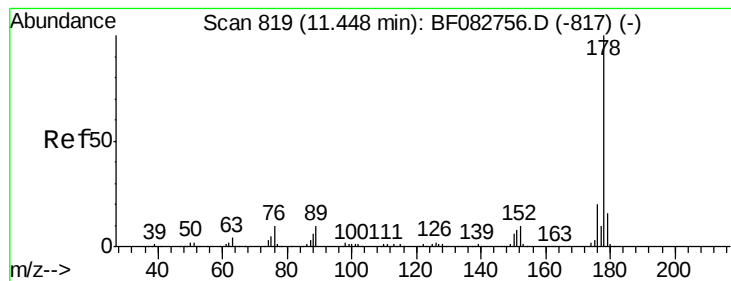
#70
 Phenanthrene
 Concen: 29.74 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:178 Resp: 1141527
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.0 25.4
 179 15.9 13.4 20.0



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: 26.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

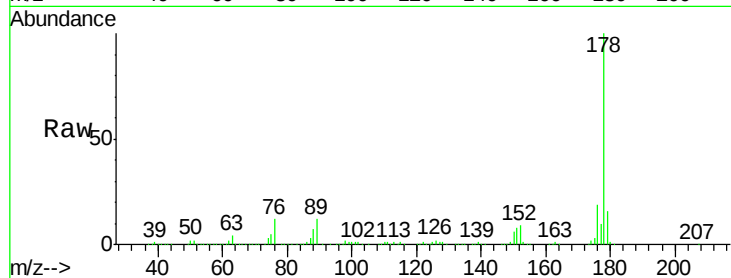
Tgt Ion:178 Resp: 1051152

Ion Ratio Lower Upper

178 100

176 19.1 16.5 24.7

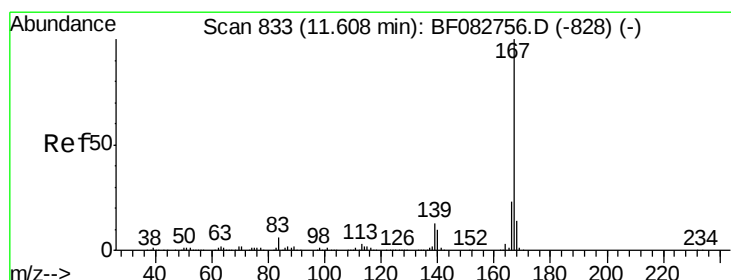
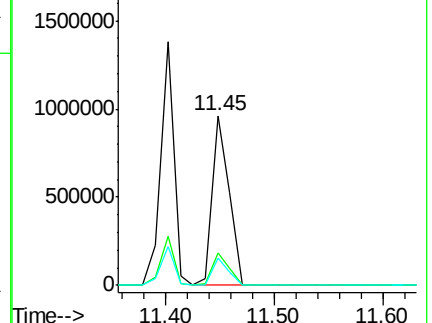
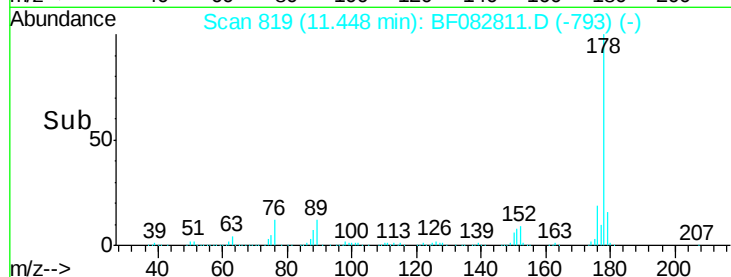
179 16.5 13.2 19.8



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: 28.36 ng

RT: 11.61 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

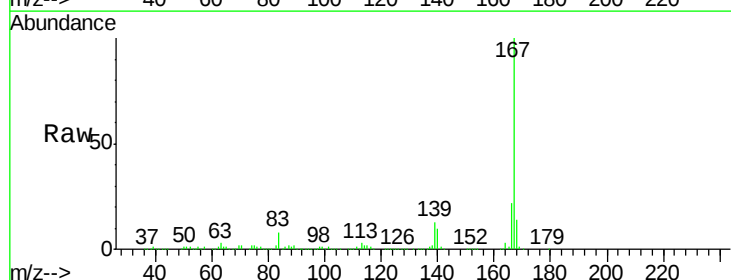
Tgt Ion:167 Resp: 1003814

Ion Ratio Lower Upper

167 100

166 22.2 18.7 28.1

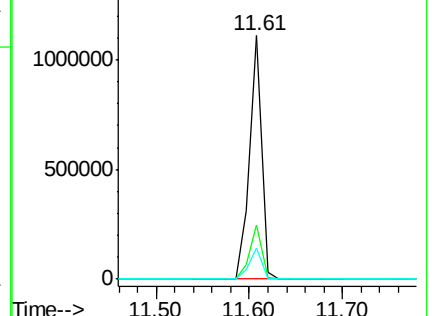
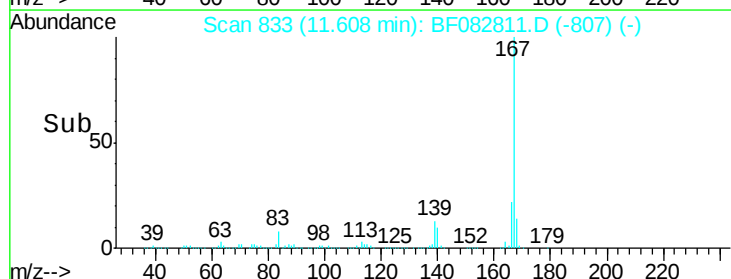
139 12.9 11.8 17.6

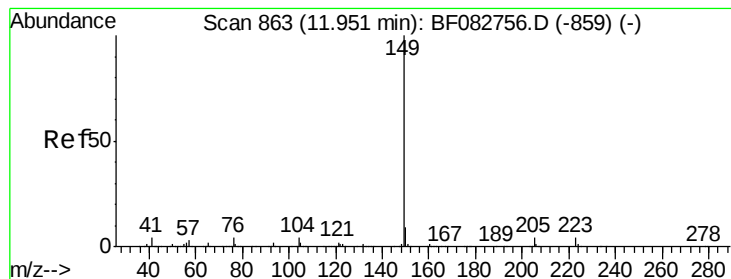


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 27.41 ng

RT: 11.95 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

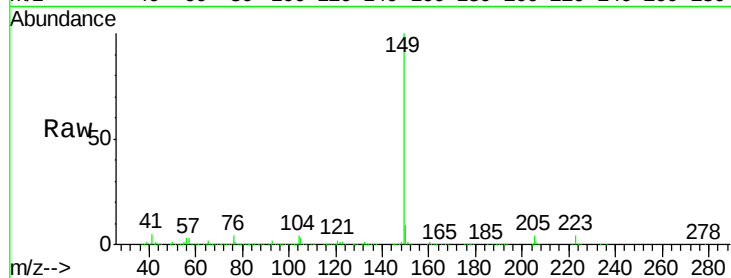
Tgt Ion:149 Resp: 1208784

Ion Ratio Lower Upper

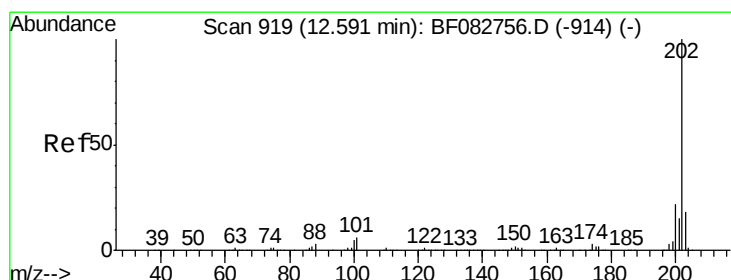
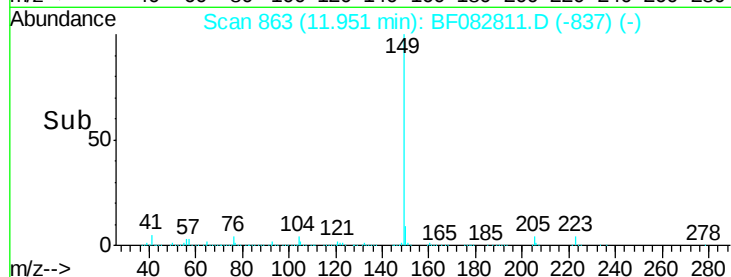
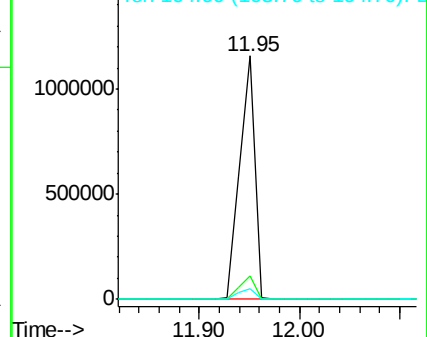
149 100

150 9.4 8.1 12.1

104 4.3 5.2 7.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 25.65 ng

RT: 12.59 min Scan# 919

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

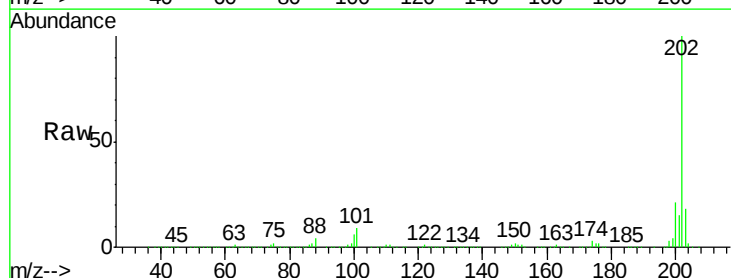
Tgt Ion:202 Resp: 1056713

Ion Ratio Lower Upper

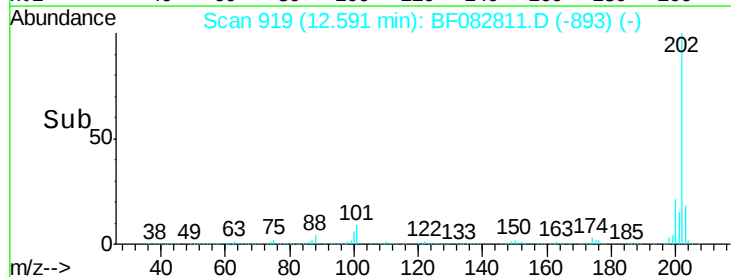
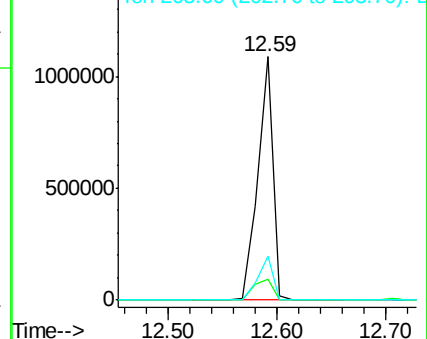
202 100

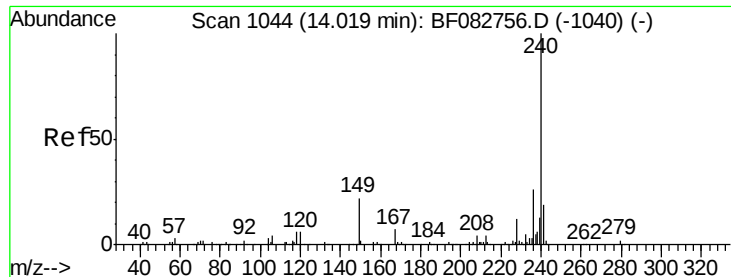
101 8.7 0.0 30.5

203 18.1 0.0 38.5



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: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

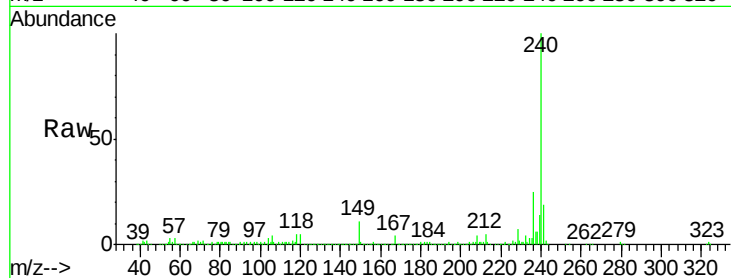
Tgt Ion:240 Resp: 421281

Ion Ratio Lower Upper

240 100

120 5.2 10.9 16.3#

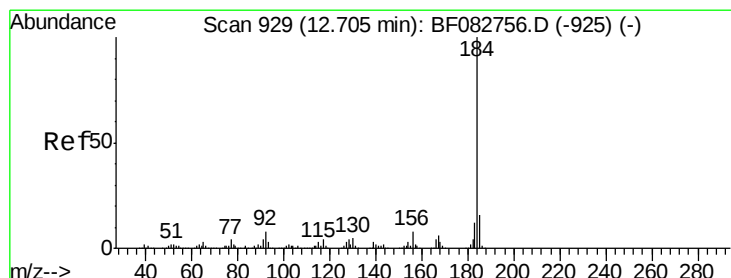
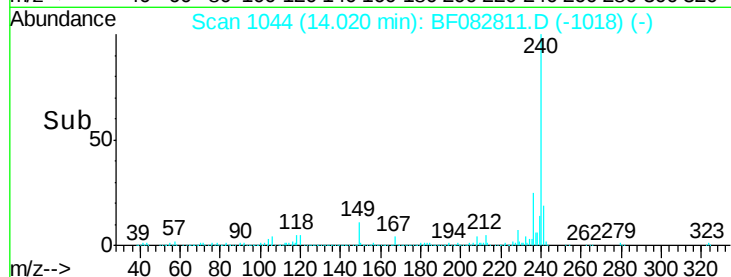
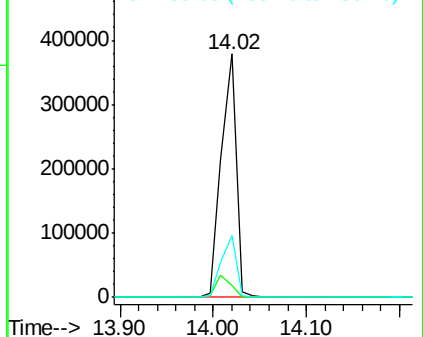
236 25.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.60 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

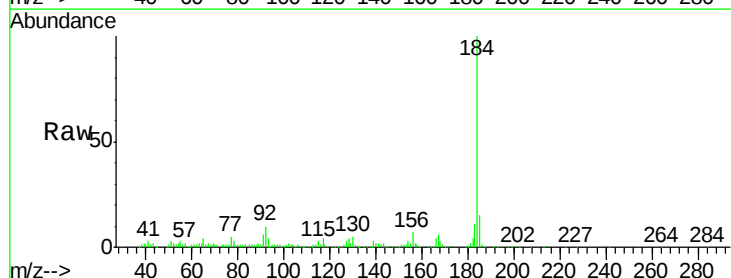
Tgt Ion:184 Resp: 545023

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

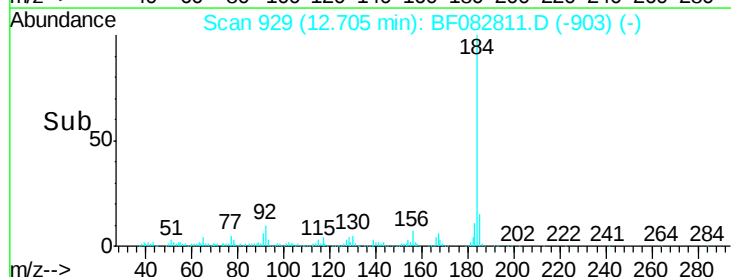
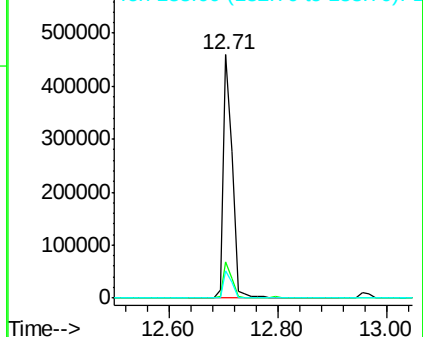
183 11.2 9.6 14.4

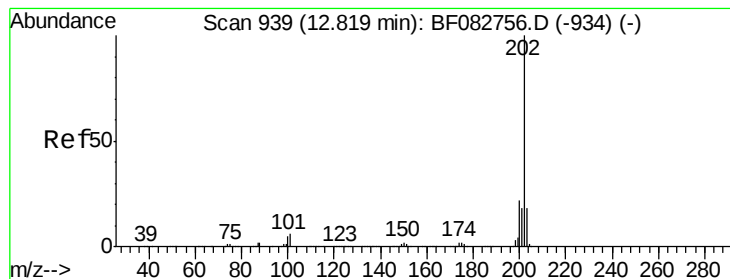


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.92 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

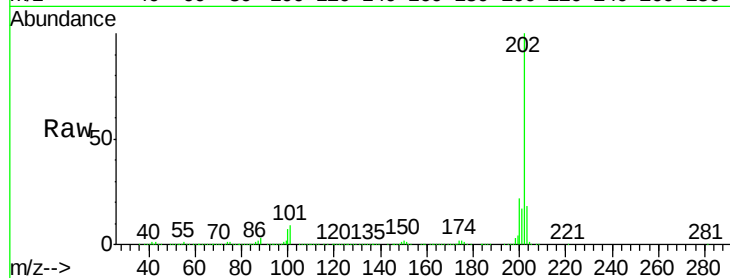
Tgt Ion:202 Resp: 1039117

Ion Ratio Lower Upper

202 100

200 21.5 18.7 28.1

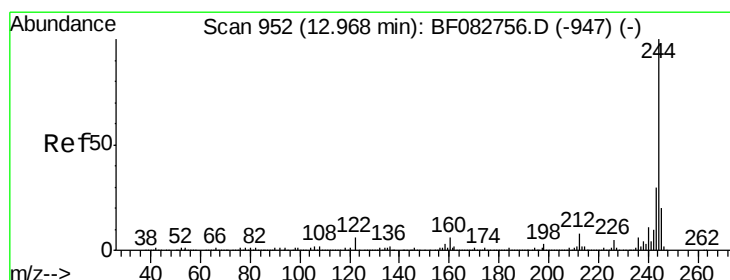
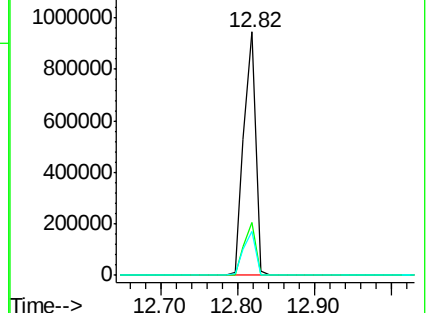
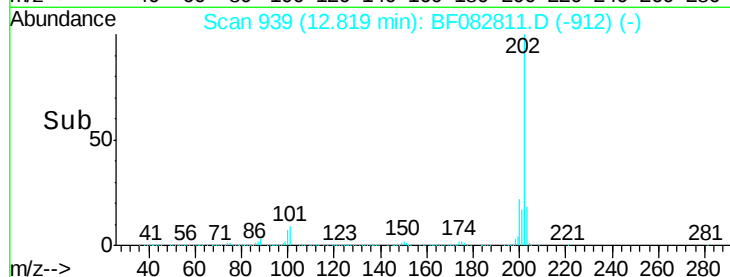
203 18.0 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 53.35 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

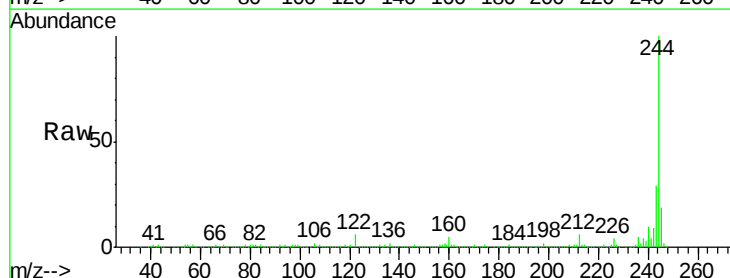
Tgt Ion:244 Resp: 947687

Ion Ratio Lower Upper

244 100

212 6.5 7.6 11.4#

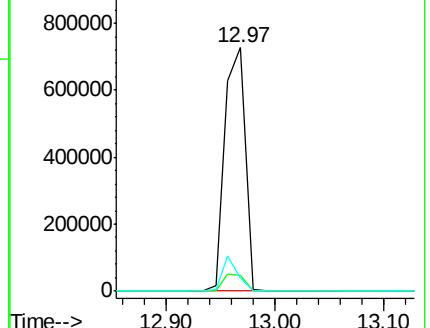
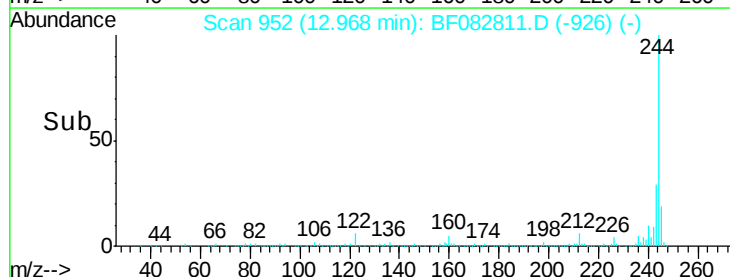
122 5.7 11.3 16.9#

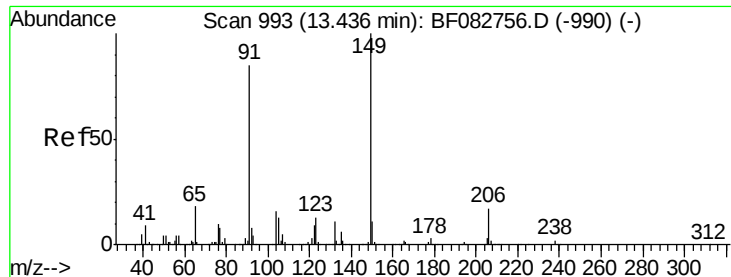


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

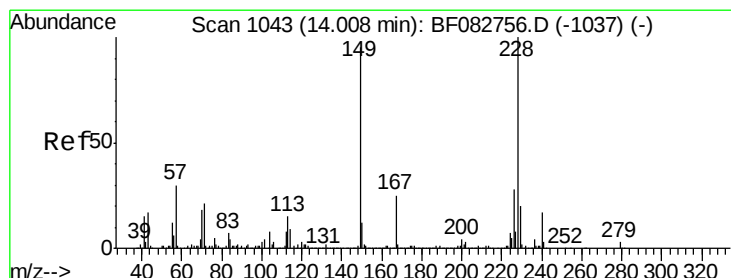
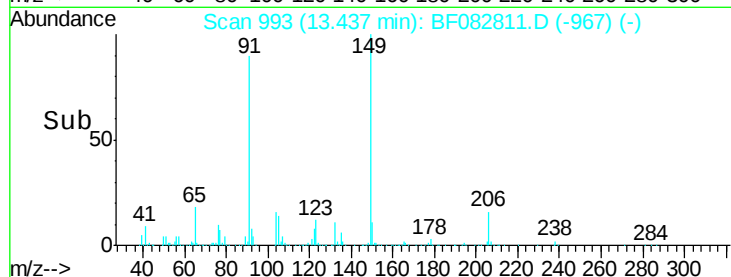
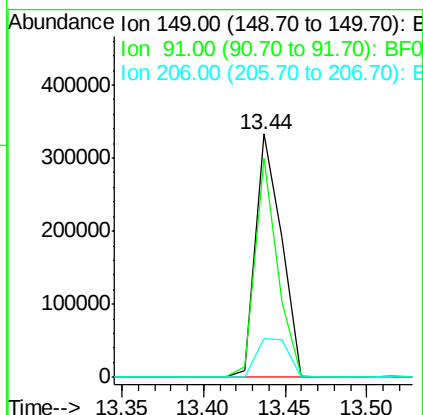
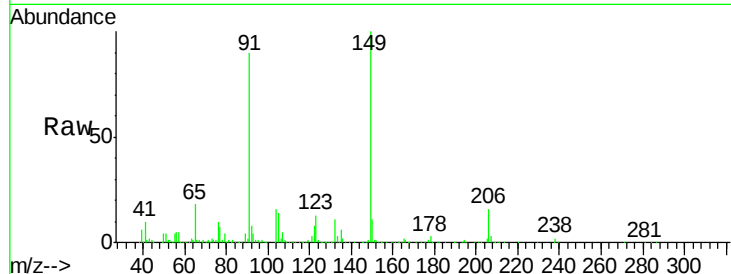




#79
Butylbenzylphthalate
Concen: 28.84 ng
RT: 13.44 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

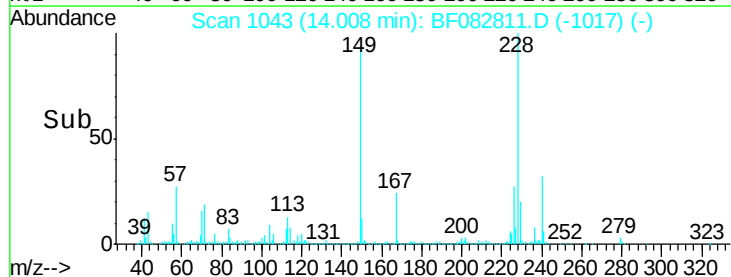
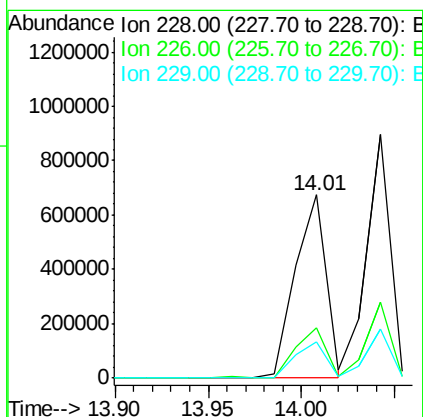
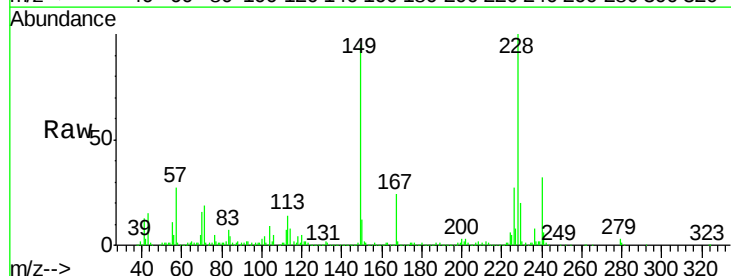
Instrument :
BNA_F
ClientSampleId :
T-14CMSD

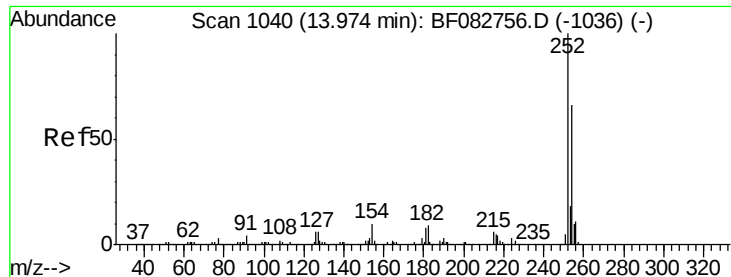
Tgt Ion:149 Resp: 368597
Ion Ratio Lower Upper
149 100
91 90.2 67.7 101.5
206 16.2 14.6 22.0



#80
Benzo(a)anthracene
Concen: 29.53 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:228 Resp: 778035
Ion Ratio Lower Upper
228 100
226 27.2 23.4 35.2
229 19.6 16.3 24.5

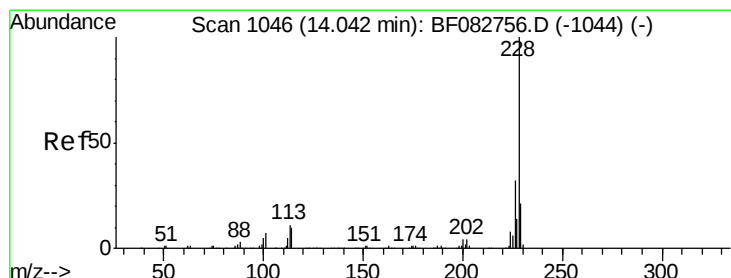
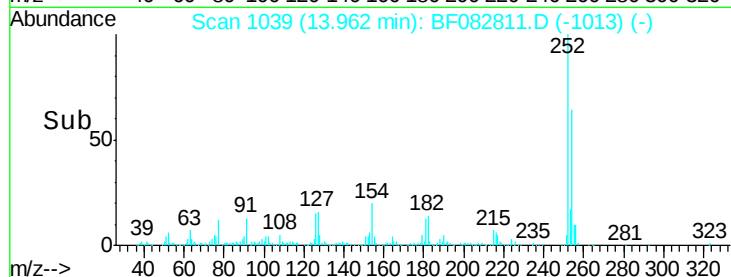
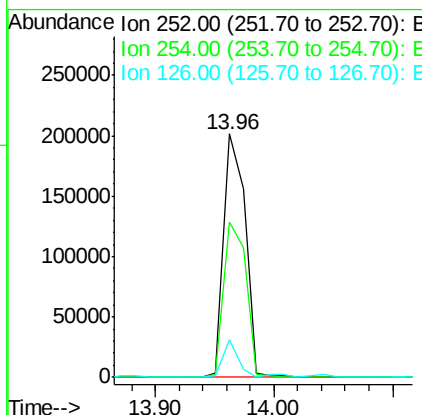
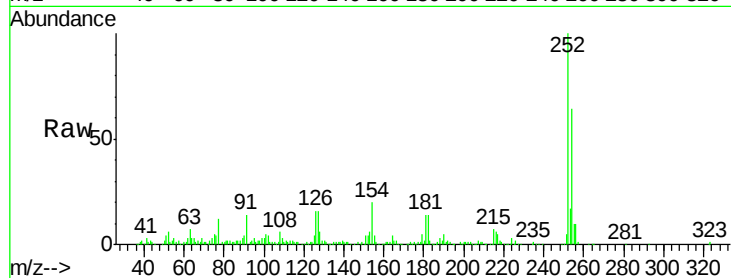




#81
 3,3'-Dichlorobenzidine
 Concen: 27.00 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

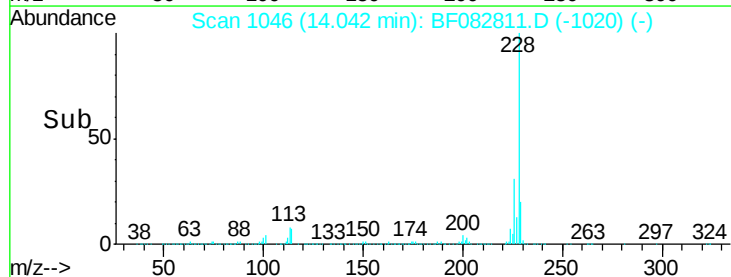
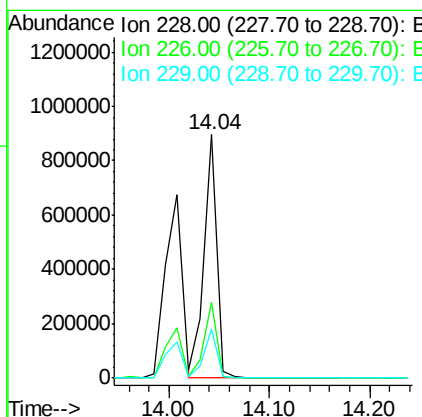
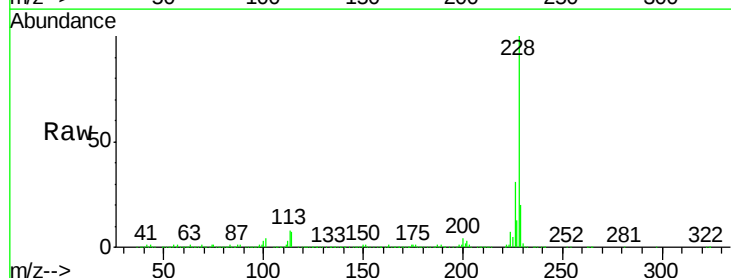
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

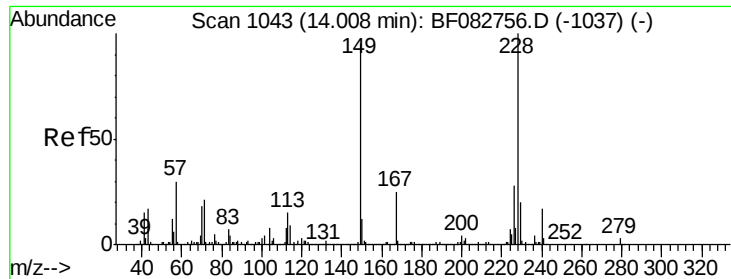
Tgt Ion:252 Resp: 252919
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.4 77.0
 126 15.6 10.7 16.1



#82
 Chrysene
 Concen: 32.64 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion:228 Resp: 787631
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.5 38.3
 229 20.2 16.3 24.5

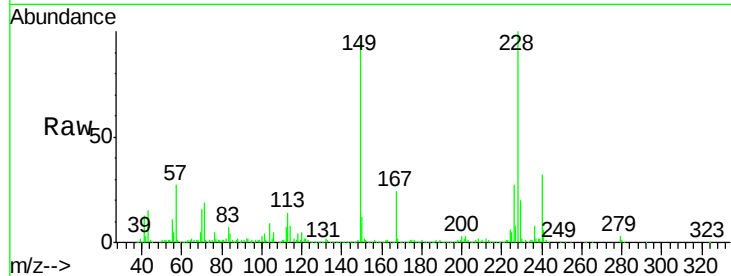




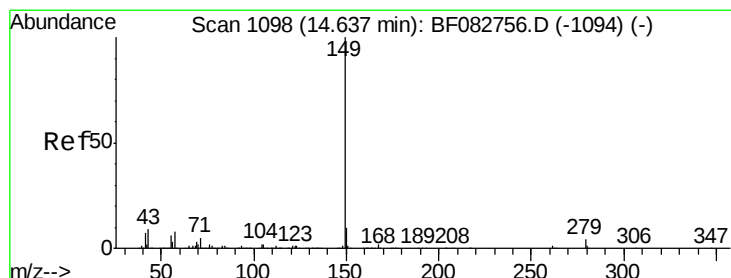
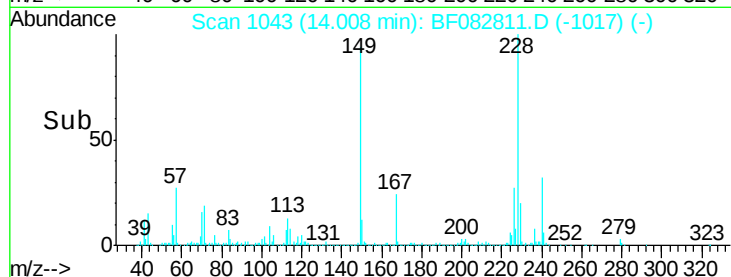
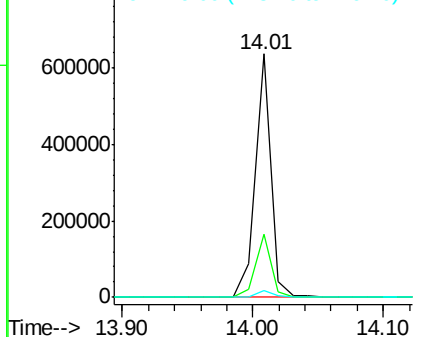
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.23 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Instrument :
BNA_F
ClientSampleId :
T-14CMSD

Tgt Ion:149 Resp: 528768
Ion Ratio Lower Upper
149 100
167 25.8 21.2 31.8
279 2.8 2.2 3.2

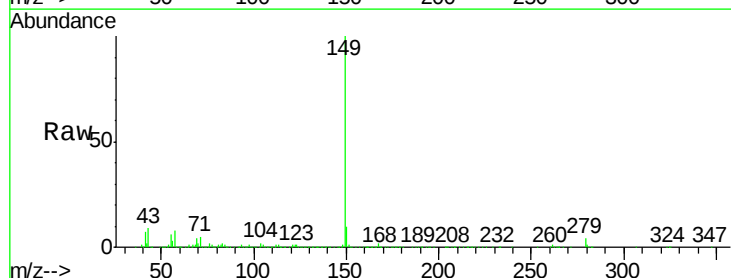


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

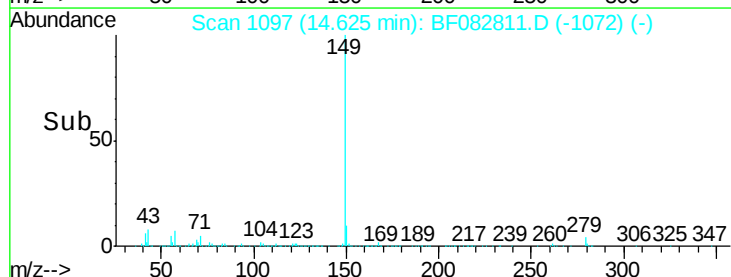
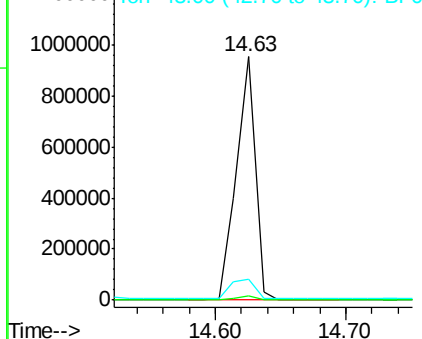


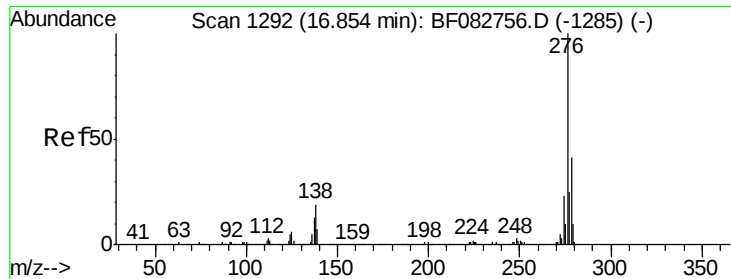
#84
Di-n-octyl phthalate
Concen: 32.74 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF082811.D
Acq: 7 Nov 2015 15:29

Tgt Ion:149 Resp: 955358
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9#
43 10.8 10.1 15.1



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

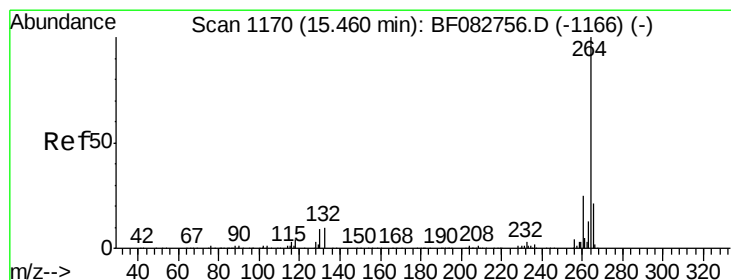
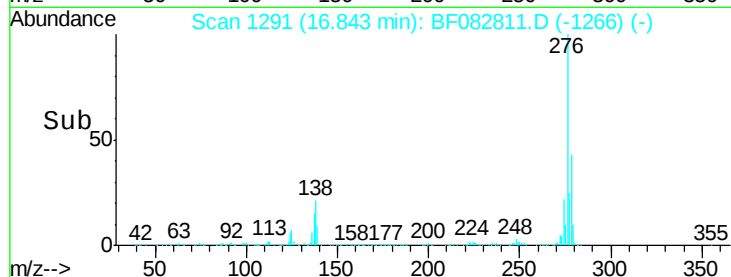
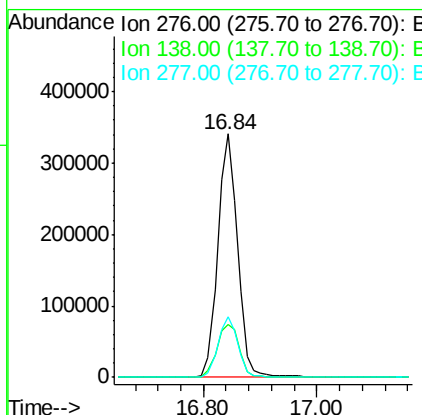
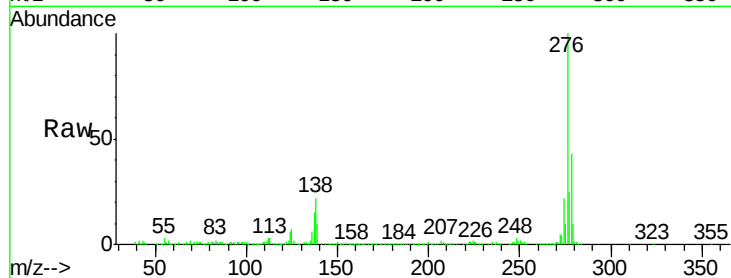




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.80 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

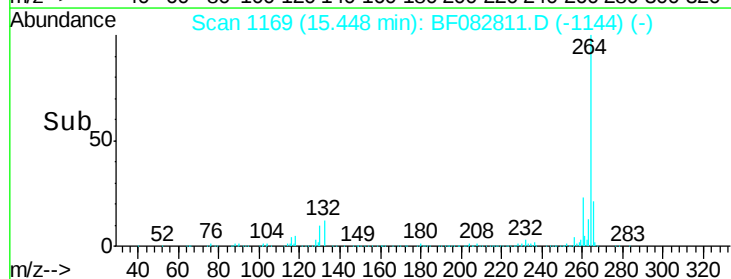
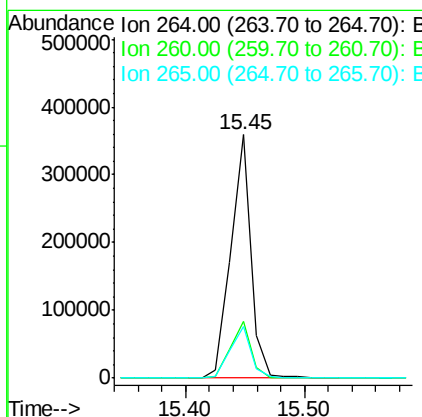
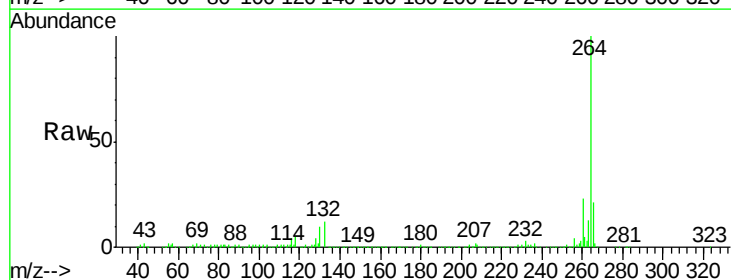
Instrument :
 BNA_F
 ClientSampleId :
 T-14CMSD

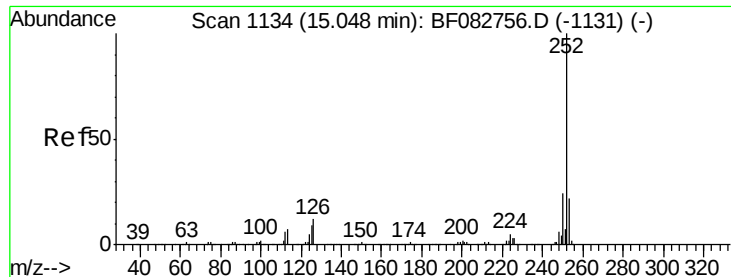
Tgt Ion: 276 Resp: 827146
 Ion Ratio Lower Upper
 276 100
 138 25.3 15.3 22.9#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082811.D
 Acq: 7 Nov 2015 15:29

Tgt Ion: 264 Resp: 423460
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 21.2 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 52.96 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

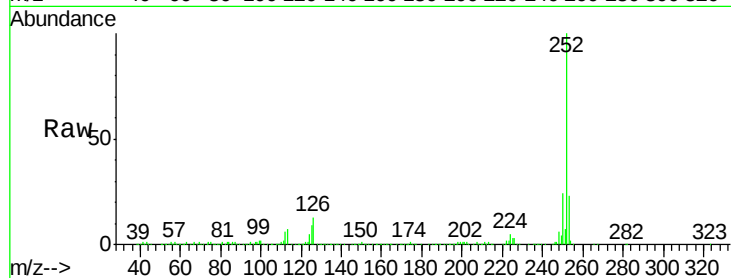
Tgt Ion:252 Resp: 1439428

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

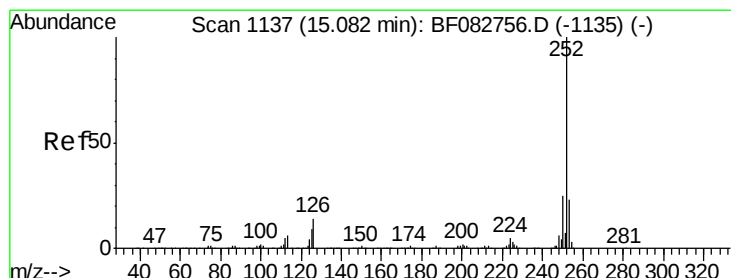
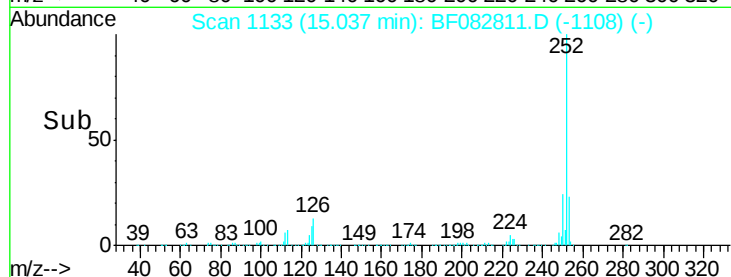
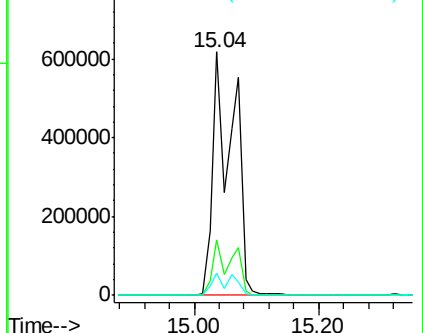
125 9.2 5.4 8.2#



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: 59.70 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.05 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

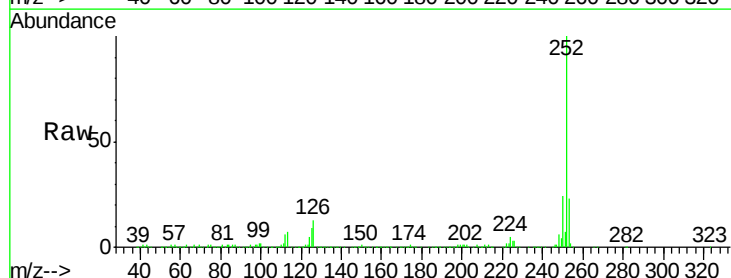
Tgt Ion:252 Resp: 1439428

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

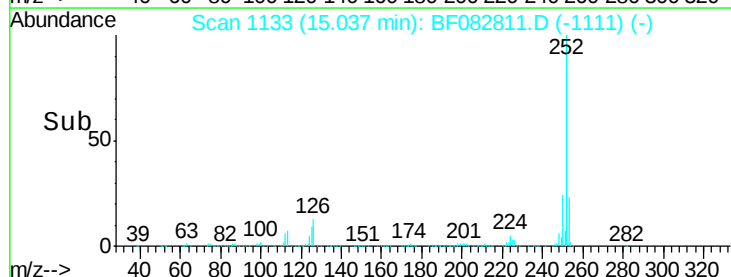
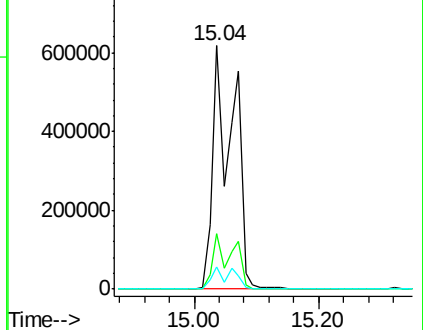
125 9.2 3.5 5.3#

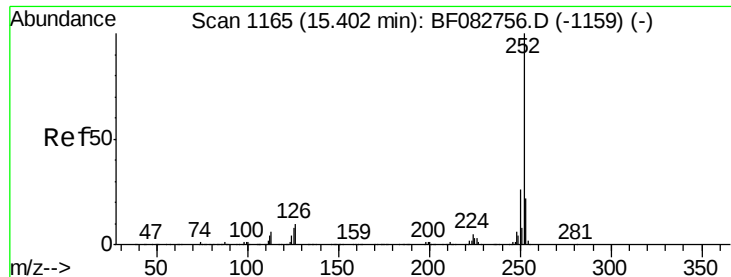


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 28.99 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD

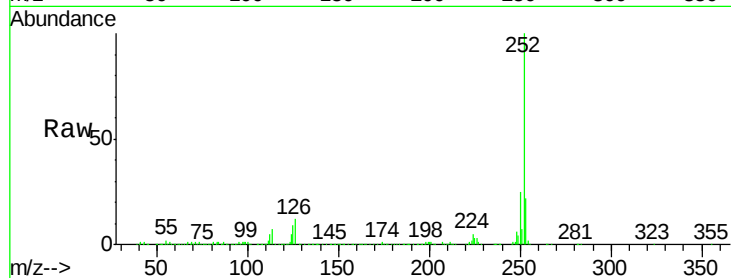
Tgt Ion:252 Resp: 682590

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

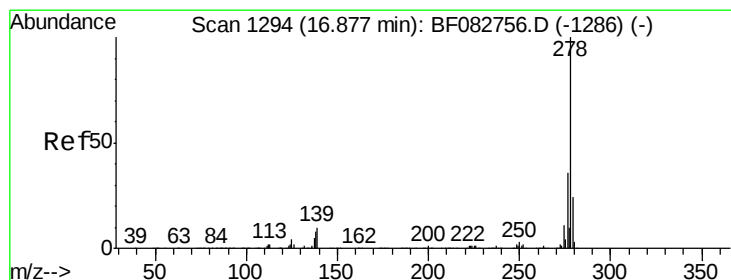
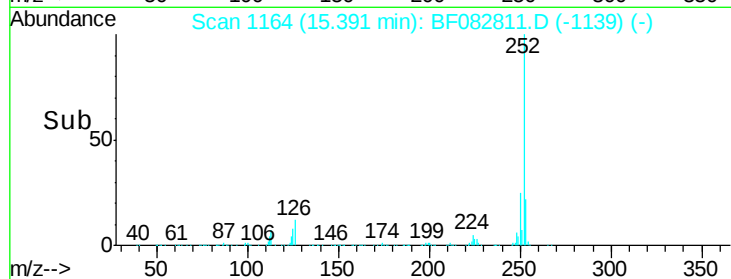
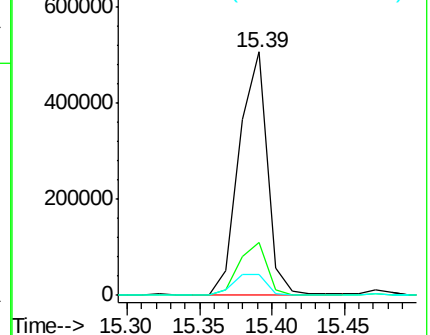
125 8.6 7.1 10.7



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



#90

Dibenzo(a,h)anthracene

Concen: 35.39 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF082811.D

Acq: 7 Nov 2015 15:29

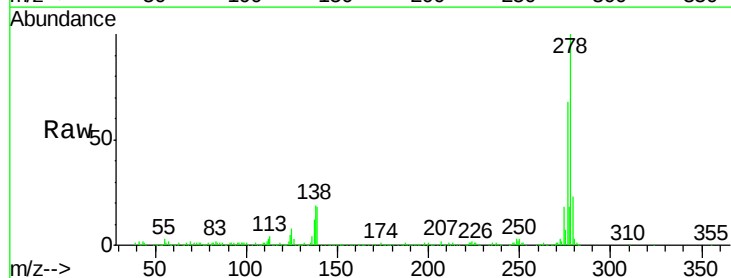
Tgt Ion:278 Resp: 705687

Ion Ratio Lower Upper

278 100

139 17.5 9.9 14.9#

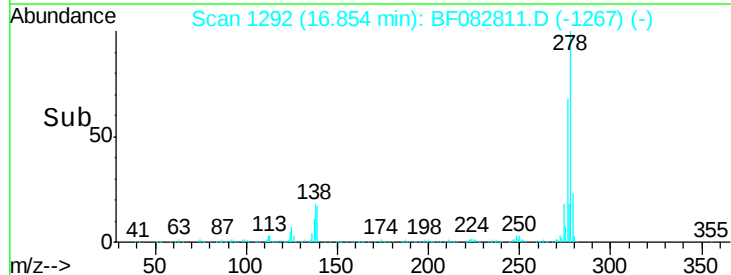
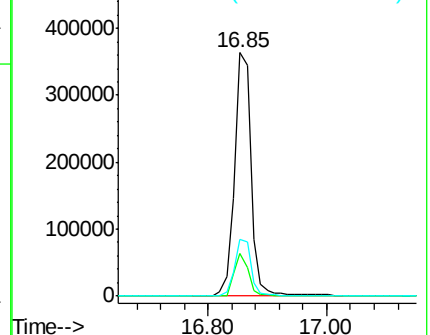
279 23.3 19.6 29.4

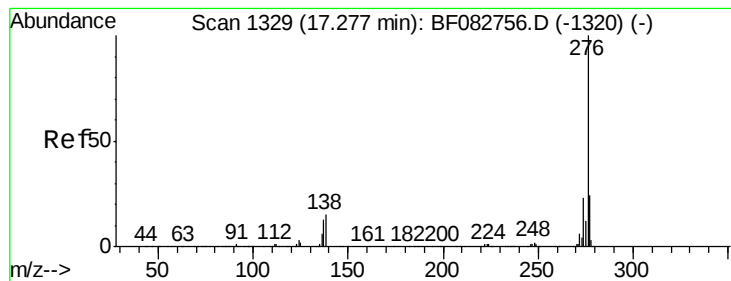


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 35.04 ng

RT: 17.27 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF082811.D

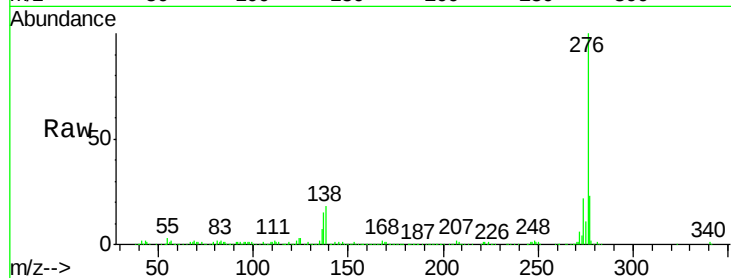
Acq: 7 Nov 2015 15:29

Instrument :

BNA_F

ClientSampleId :

T-14CMSD



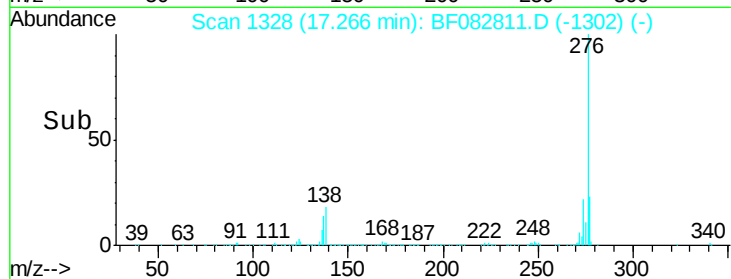
Tgt Ion: 276 Resp: 669214

Ion Ratio Lower Upper

276 100

277 23.0 19.2 28.8

138 18.3 13.1 19.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

