

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110215\
 Data File : BF082635.D
 Acq On : 2 Nov 2015 17:10
 Operator : UM/IZ
 Sample : PB86380BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Quant Time: Nov 03 03:16:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 31 00:17:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	213292	20.00	ng	-0.02
21) Naphthalene-d8	8.18	136	791364	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	403869	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	718034	20.00	ng	-0.02
75) Chrysene-d12	14.08	240	685828	20.00	ng	0.00
86) Perylene-d12	15.56	264	586375	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1674883	118.27	ng	0.00
7) Phenol-d6	6.52	99	2013730	107.04	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1457843	75.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	574349	129.94	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2209421	77.67	ng	-0.01
78) Terphenyl-d14	13.01	244	2451703	78.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	211587	32.32	ng	93
3) Pyridine	3.33	79	660020	34.39	ng	97
4) n-Nitrosodimethylamine	3.28	42	351059	32.49	ng	92
6) Aniline	6.54	93	606094	23.14	ng	97
8) 2-Chlorophenol	6.67	128	528902	34.52	ng	# 79
9) Benzaldehyde	6.43	77	229036	17.83	ng	87
10) Phenol	6.53	94	829027	38.89	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	597356	37.98	ng	90
12) 1,3-Dichlorobenzene	6.83	146	650585m	37.23	ng	
13) 1,4-Dichlorobenzene	6.91	146	619758m	35.77	ng	
14) 1,2-Dichlorobenzene	7.06	146	577552	35.91	ng	95
15) Benzyl Alcohol	7.02	79	617042	35.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	891019	35.65	ng	97
17) 2-Methylphenol	7.15	107	496243	38.09	ng	94
18) Hexachloroethane	7.40	117	233506	34.53	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	506557	35.52	ng	# 87
20) 3+4-Methylphenols	7.30	107	609008	35.97	ng	92
22) Acetophenone	7.30	105	804530	34.53	ng	# 84
24) Nitrobenzene	7.47	77	745047	38.03	ng	91
25) Isophorone	7.71	82	1241031	34.81	ng	98
26) 2-Nitrophenol	7.79	139	300411	41.98	ng	# 78
27) 2,4-Dimethylphenol	7.84	122	538326	38.54	ng	90
28) bis(2-Chloroethoxy)methane	7.93	93	748654	38.39	ng	98
29) 2,4-Dichlorophenol	8.03	162	480661	37.75	ng	90
30) 1,2,4-Trichlorobenzene	8.12	180	530890	37.57	ng	95
31) Naphthalene	8.20	128	1613405	37.68	ng	99
32) Benzoic acid	7.95	122	343920	33.94	ng	96
33) 4-Chloroaniline	8.25	127	278165	15.22	ng	# 83
34) Hexachlorobutadiene	8.33	225	353282	39.31	ng	99
35) Caprolactam	8.61	113	159008m	40.70	ng	
36) 4-Chloro-3-methylphenol	8.73	107	544049	36.29	ng	97
37) 2-Methylnaphthalene	8.89	142	1014998	36.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	475343	35.27	ng	# 97
40) Hexachlorocyclopentadiene	9.06	237	734381	86.68	ng	96

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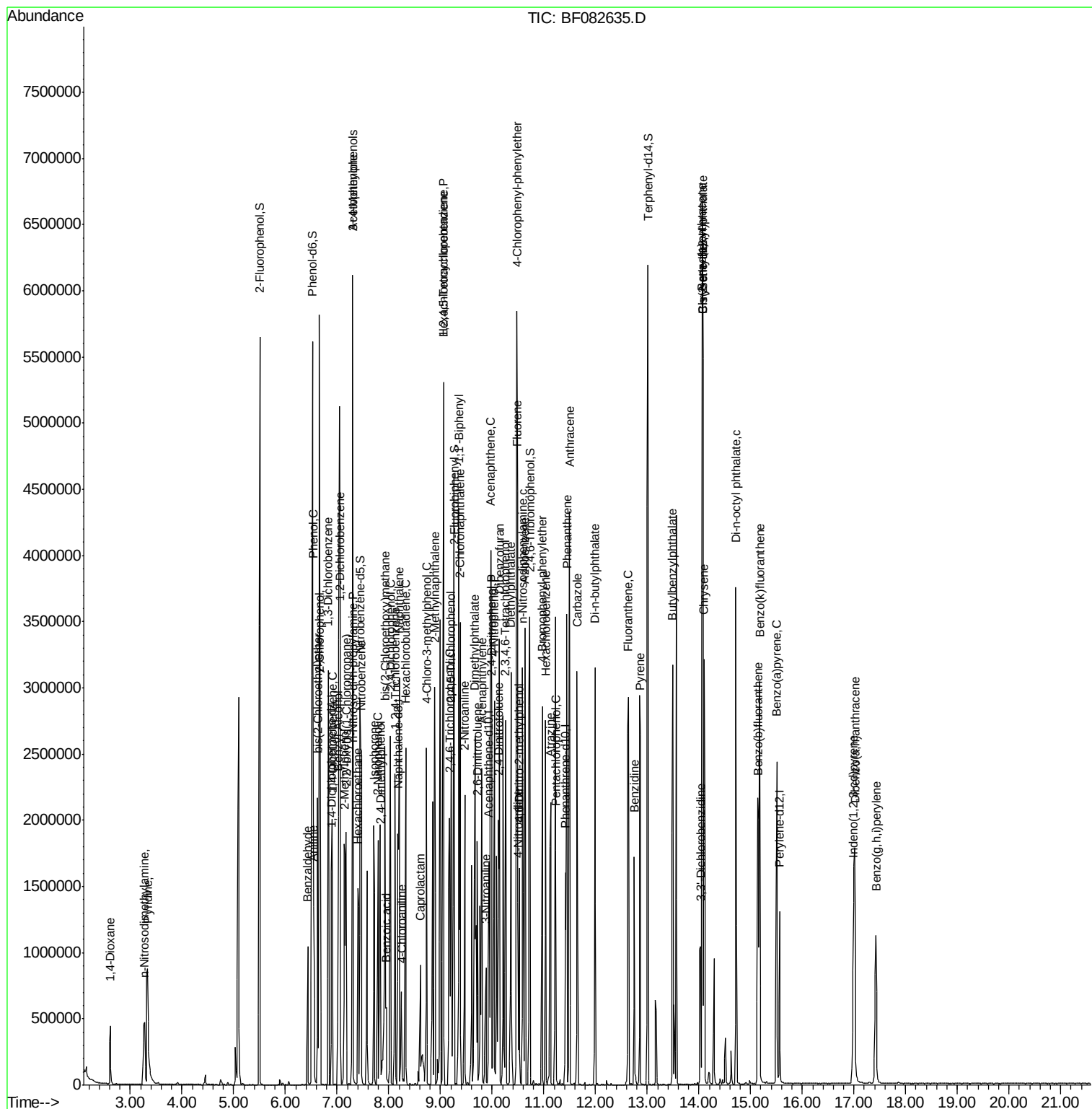
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42) 2,4,6-Trichlorophenol	9.17	196	394681	40.56	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	353623	36.47	nq	94
45) 1,1'-Biphenyl	9.36	154	1212189	35.53	nq	97
46) 2-Chloronaphthalene	9.38	162	971729	36.48	nq	95
47) 2-Nitroaniline	9.47	65	402872	38.91	nq	91
48) Acenaphthylene	9.80	152	1634137	38.35	nq	99
49) Dimethylphthalate	9.66	163	1301549	39.46	nq	98
50) 2,6-Dinitrotoluene	9.71	165	254506	37.23	nq	# 77
51) Acenaphthene	9.97	154	1183238	43.75	nq	95
52) 3-Nitroaniline	9.88	138	169450	22.28	nq	# 74
53) 2,4-Dinitrophenol	9.98	184	262136	72.65	nq	# 35
54) Dibenzofuran	10.14	168	1512141	41.20	nq	94
55) 4-Nitrophenol	10.04	139	406480	71.03	nq	# 80
56) 2,4-Dinitrotoluene	10.12	165	400217	43.29	nq	# 78
57) Fluorene	10.49	166	1185071	40.03	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	332476	40.57	nq	90
59) Diethylphthalate	10.36	149	1214687	36.17	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	529580	36.80	nq	# 84
61) 4-Nitroaniline	10.50	138	283528	39.06	nq	83
62) Azobenzene	10.64	77	1449039	38.27	nq	90
64) 4,6-Dinitro-2-methylphenol	10.52	198	179550	41.46	nq	# 47
65) n-Nitrosodiphenylamine	10.59	169	943112	38.21	nq	98
66) 4-Bromophenyl-phenylether	10.97	248	350829	43.11	nq	# 83
67) Hexachlorobenzene	11.04	284	402609	44.62	nq	# 70
68) Atrazine	11.13	200	380830	47.16	nq	95
69) Pentachlorophenol	11.23	266	476609	80.11	nq	98
70) Phenanthrene	11.45	178	1824125	45.04	nq	99
71) Anthracene	11.49	178	1594897	39.11	nq	100
72) Carbazole	11.64	167	1362477	38.36	nq	98
73) Di-n-butylphthalate	11.99	149	1767914	39.10	nq	100
74) Fluoranthene	12.64	202	1791752	43.28	nq	95
76) Benzidine	12.75	184	661061	21.37	nq	99
77) Pyrene	12.87	202	1822070	35.88	nq	98
79) Butylbenzylphthalate	13.49	149	870022	39.11	nq	# 83
80) Benzo(a)anthracene	14.07	228	1664765	38.21	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	329851	21.97	nq	# 96
82) Chrysene	14.10	228	1385845	35.10	nq	100
83) Bis(2-ethylhexyl)phthalate	14.08	149	1149953	39.88	nq	# 97
84) Di-n-octyl phthalate	14.72	149	1796887	39.95	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1307760	40.13	nq	99
87) Benzo(b)fluoranthene	15.15	252	1602494	39.63	nq	# 98
88) Benzo(k)fluoranthene	15.17	252	1123753m	36.48	nq	
89) Benzo(a)pyrene	15.51	252	1319328	41.43	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	1088319	36.63	nq	99
91) Benzo(g,h,i)perylene	17.43	276	1038652	36.07	nq	100

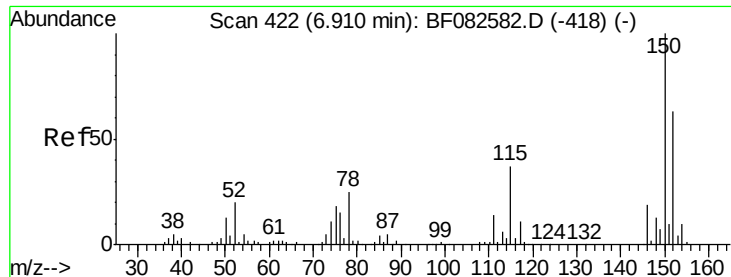
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

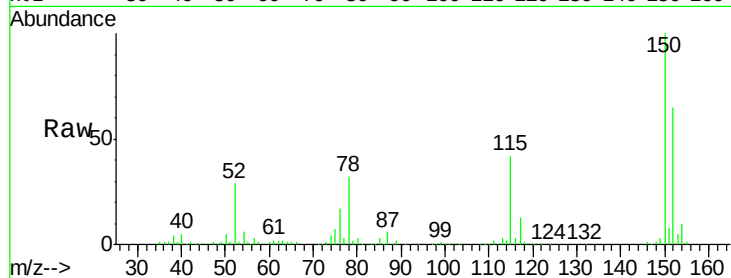
Tot Ion:152 Resp: 213292

Ion Ratio Lower Upper

152 100

150 154.6 127.0 190.4

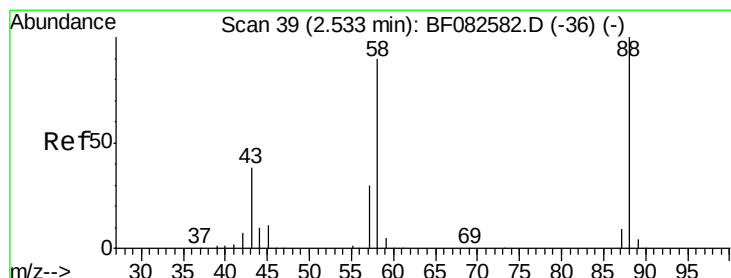
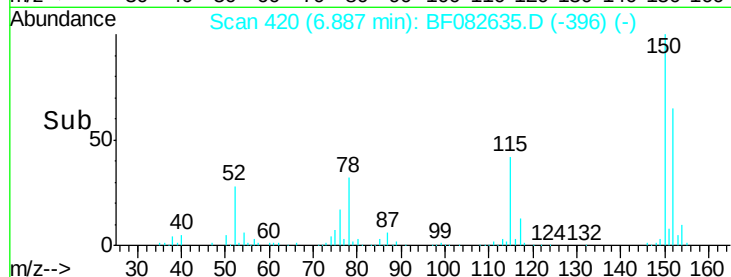
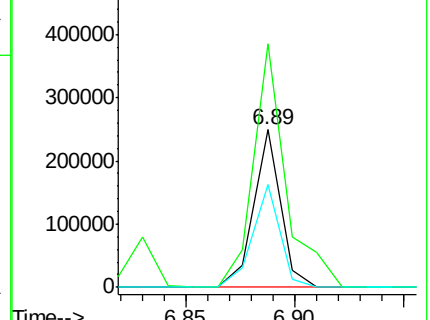
115 65.6 47.0 70.6



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: 32.32 ng

RT: 2.61 min Scan# 46

Delta R.T. 0.08 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

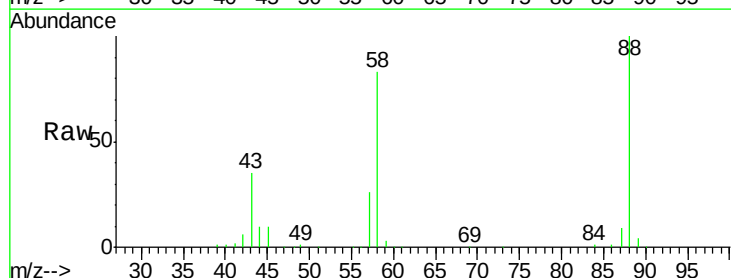
Tgt Ion: 88 Resp: 211587

Ion Ratio Lower Upper

88 100

58 84.0 62.0 93.0

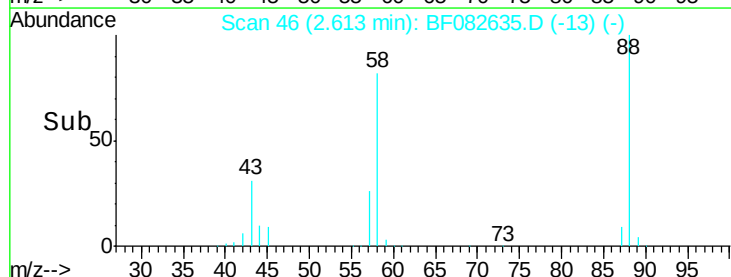
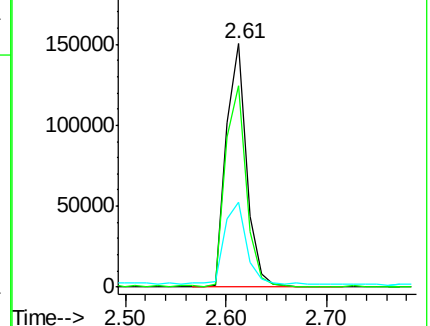
43 36.9 26.6 40.0

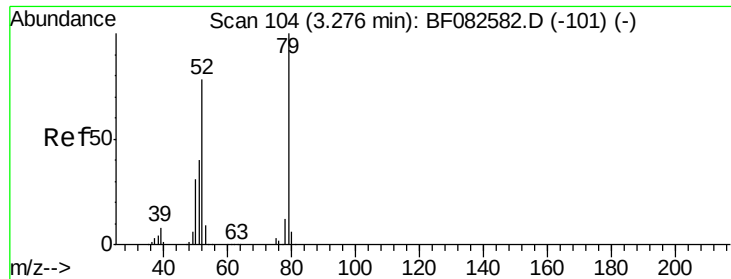


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.39 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.06 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

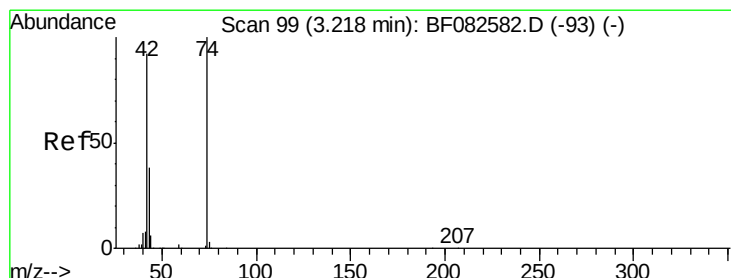
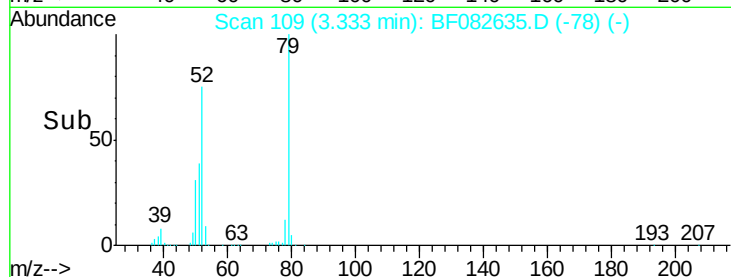
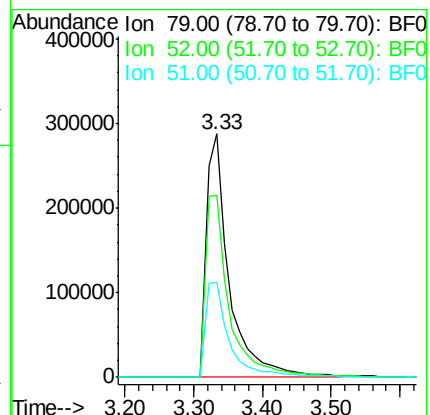
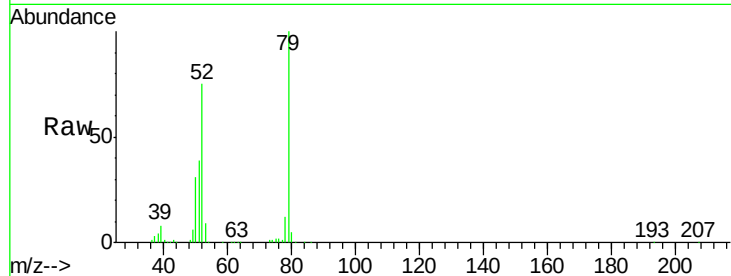
Tot Ion: 79 Resp: 660020

Ion Ratio Lower Upper

79 100

52 74.8 62.8 94.2

51 39.1 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 32.49 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.06 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

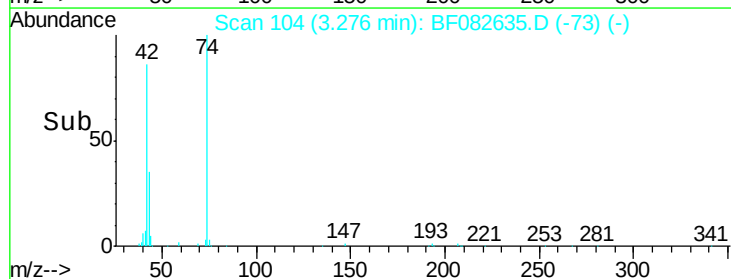
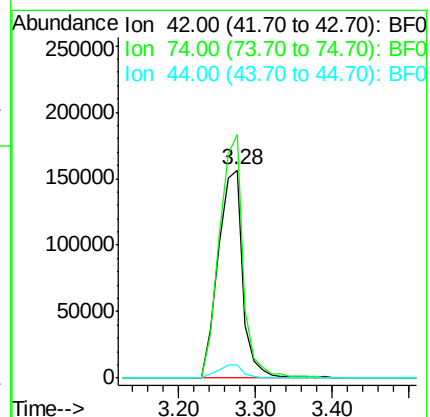
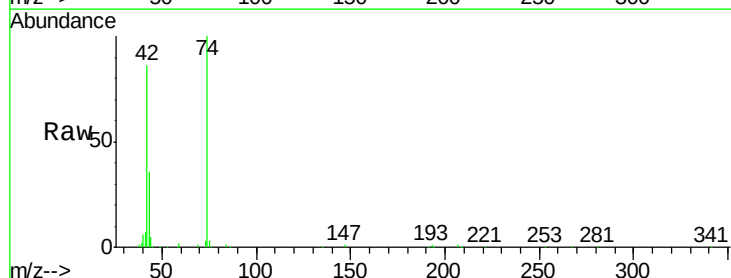
Tgt Ion: 42 Resp: 351059

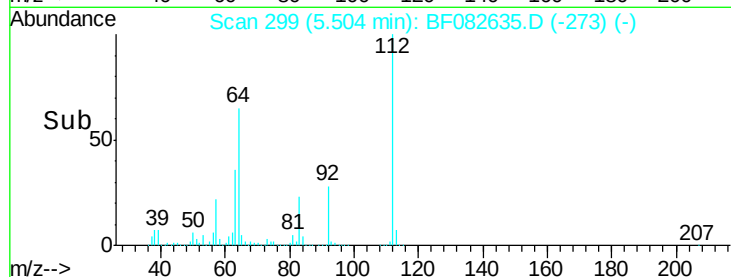
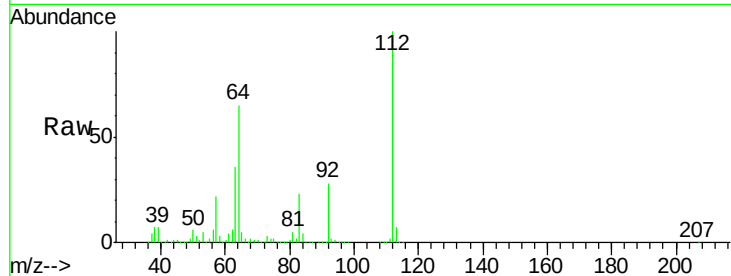
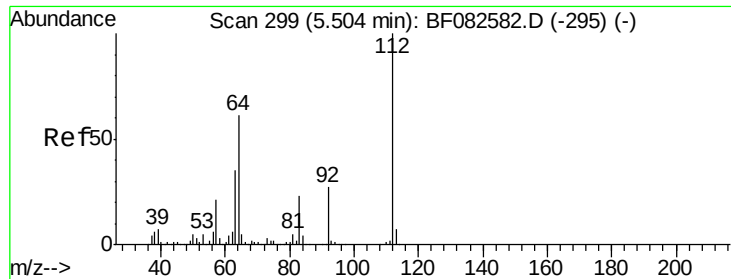
Ion Ratio Lower Upper

42 100

74 116.9 87.0 130.4

44 6.1 5.8 8.8





#5

2-Fluorophenol

Concen: 118.27 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.00 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

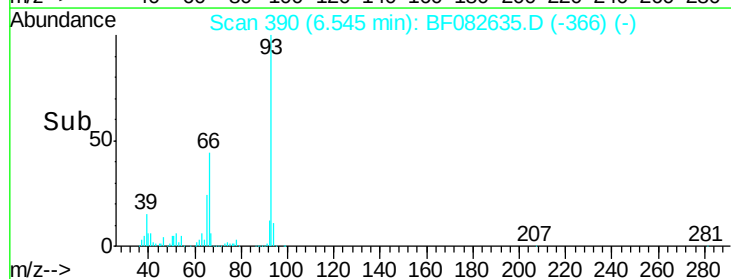
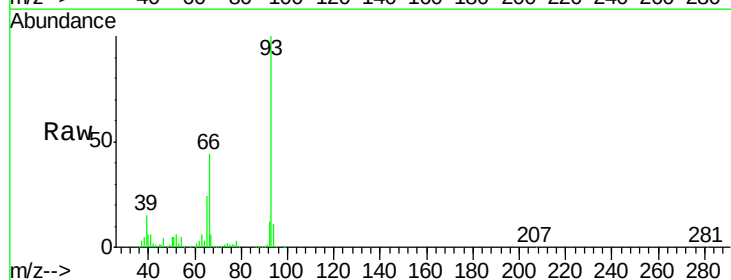
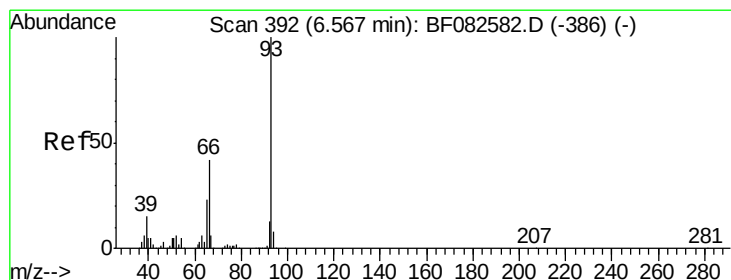
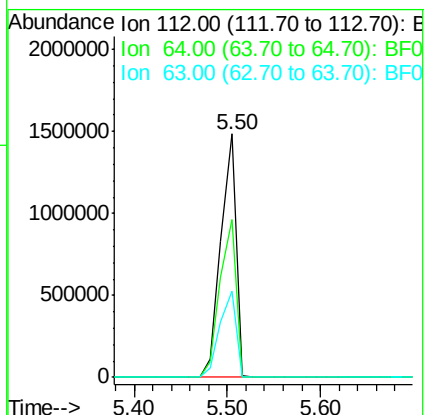
Tot Ion:112 Resp: 1674883

Ion Ratio Lower Upper

112 100

64 64.7 48.9 73.3

63 35.5 28.1 42.1



#6

Aniline

Concen: 23.14 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

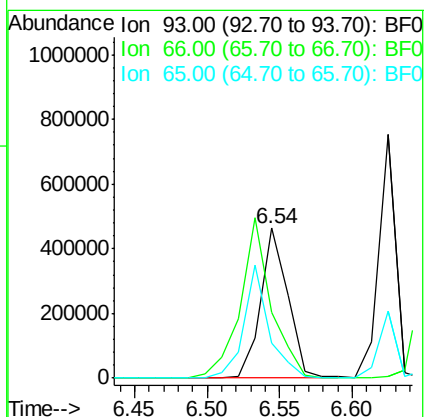
Tgt Ion: 93 Resp: 606094

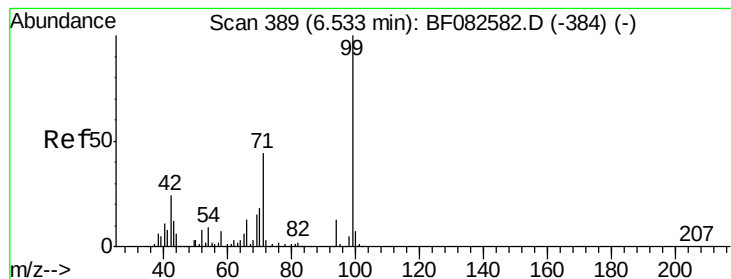
Ion Ratio Lower Upper

93 100

66 43.8 33.6 50.4

65 23.6 18.1 27.1





#7

Phenol-d6

Concen: 107.04 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

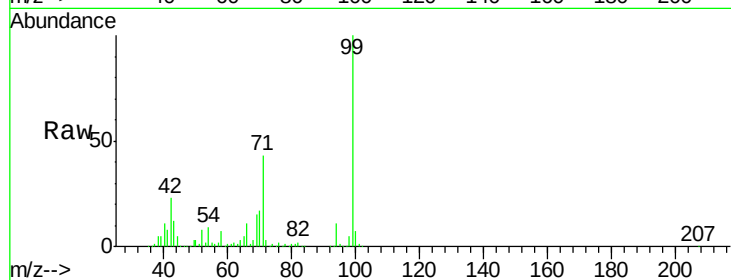
Tot Ion: 99 Resp: 2013730

Ion	Ratio	Lower	Upper
99	100		
42	22.9	19.2	28.8
71	43.1	35.0	52.4

99 100

42 22.9 19.2 28.8

71 43.1 35.0 52.4

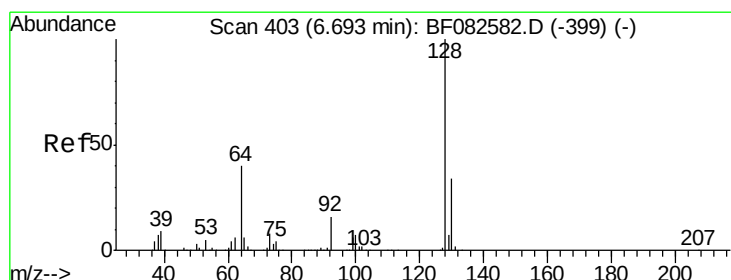
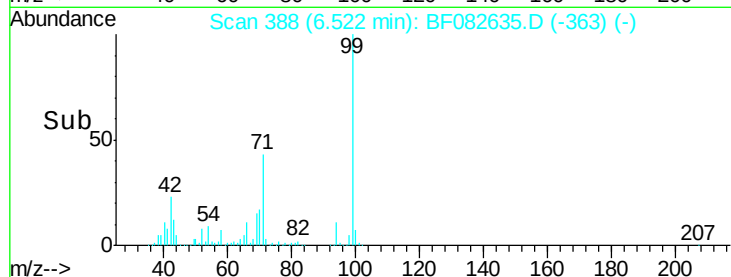
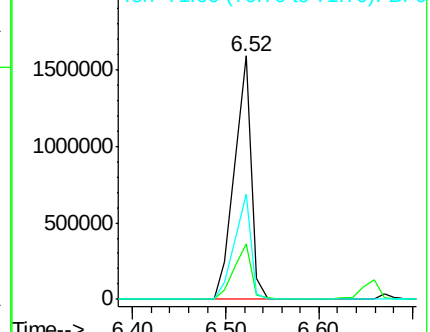


Abundance

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: 34.52 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

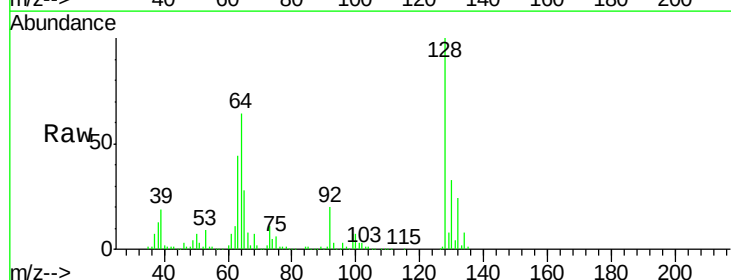
Tgt Ion: 128 Resp: 528902

Ion	Ratio	Lower	Upper
128	100		
130	32.5	13.5	53.5
64	64.3	21.1	61.1

128 100

130 32.5 13.5 53.5

64 64.3 21.1 61.1#

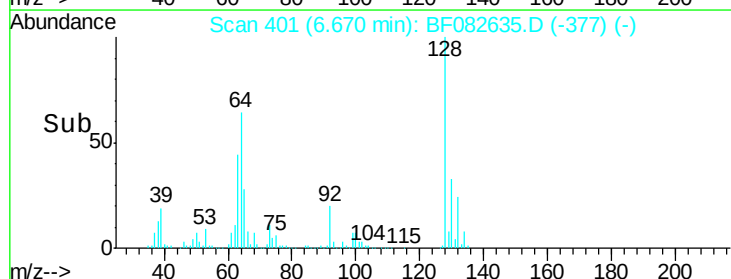
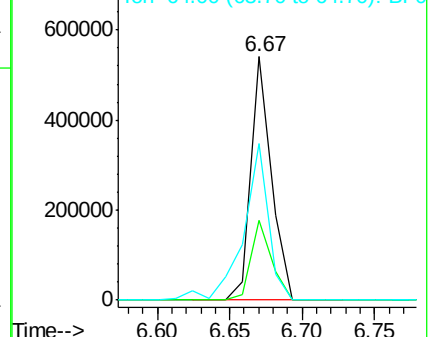


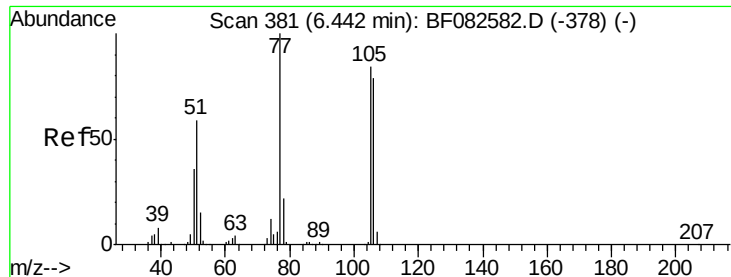
Abundance

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: 17.83 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleID :

PB86380BS

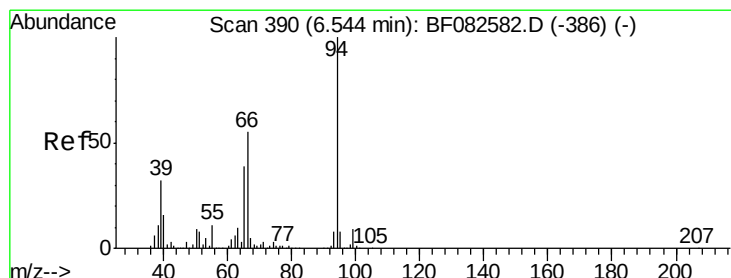
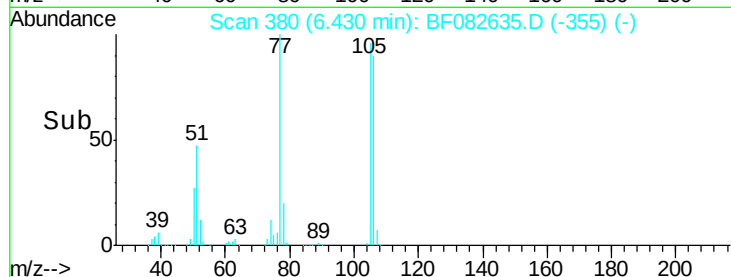
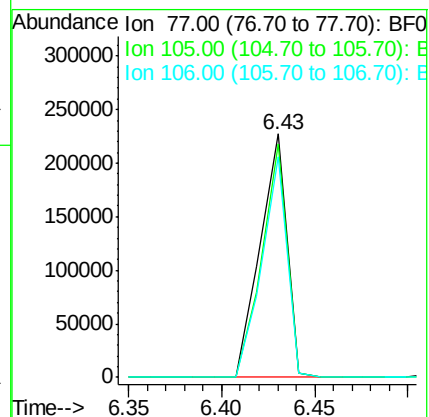
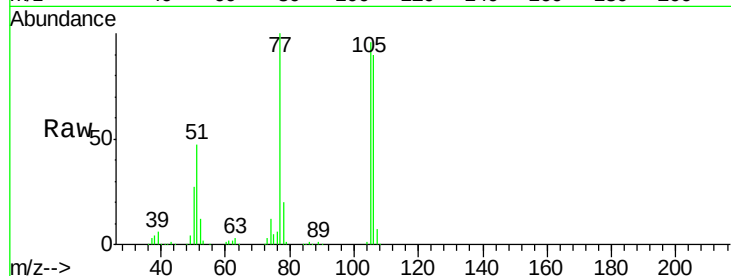
Tot Ion: 77 Resp: 229036

Ion Ratio Lower Upper

77 100

105 96.0 63.5 103.5

106 90.4 59.3 99.3



#10

Phenol

Concen: 38.89 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

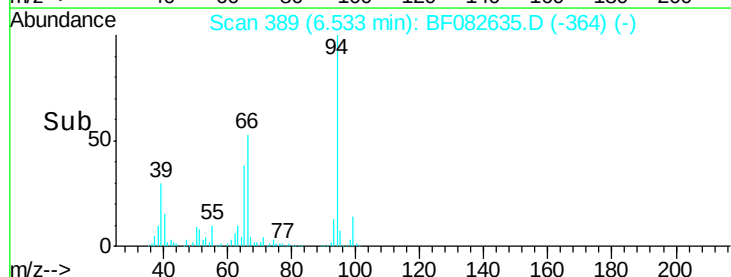
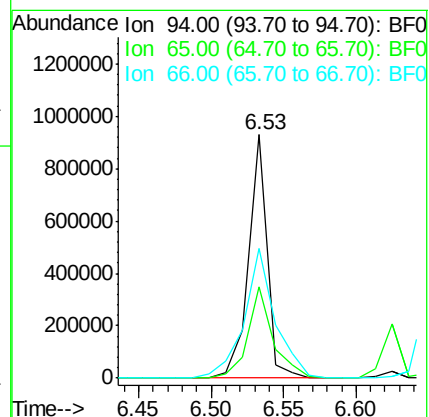
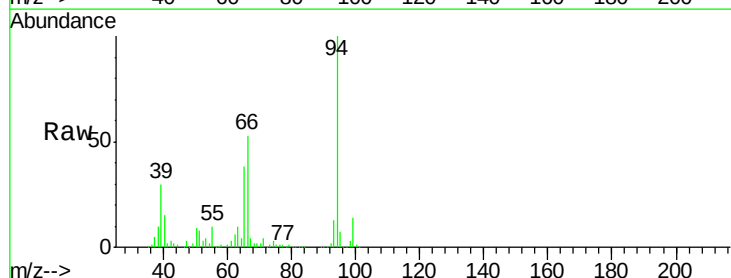
Tgt Ion: 94 Resp: 829027

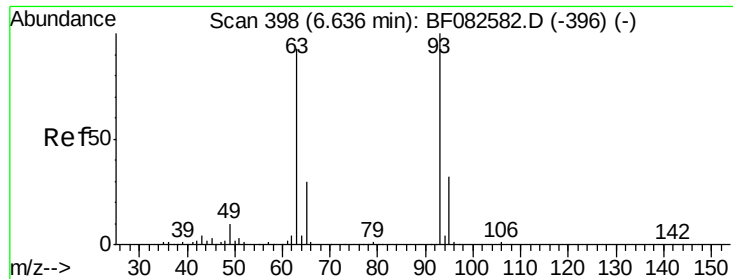
Ion Ratio Lower Upper

94 100

65 37.6 18.9 58.9

66 53.3 34.9 74.9

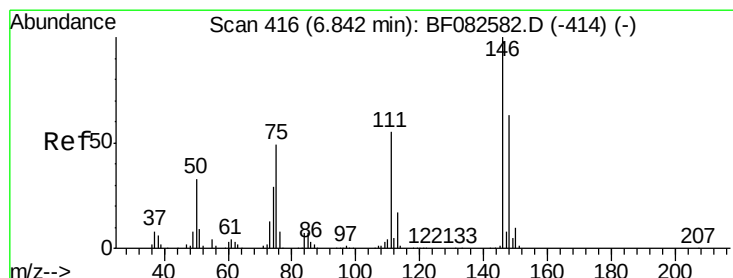
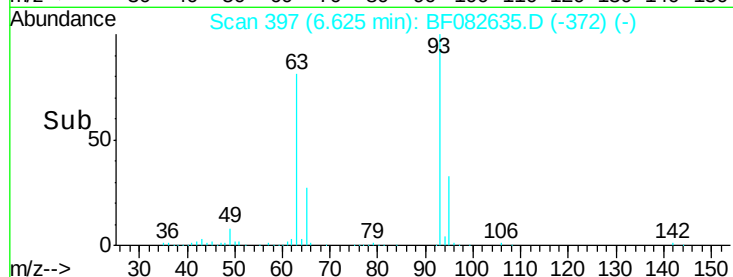
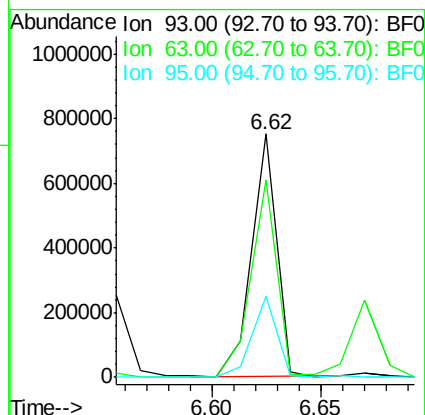
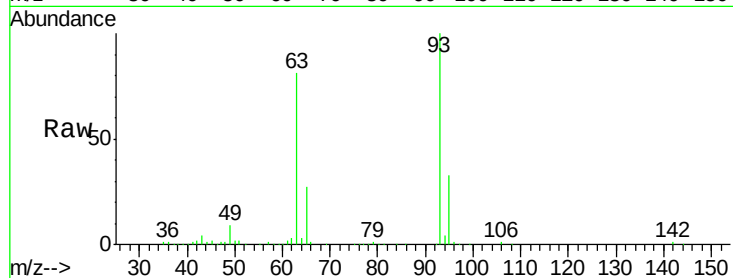




#11
bis(2-Chloroethyl)ether
Concen: 37.98 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

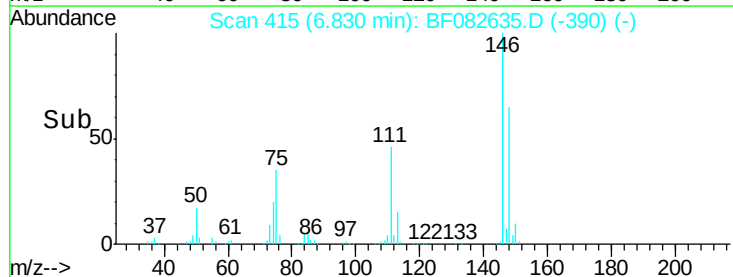
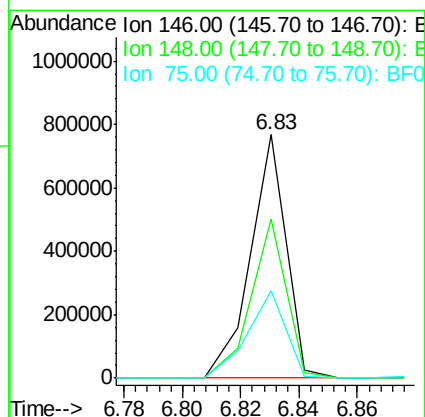
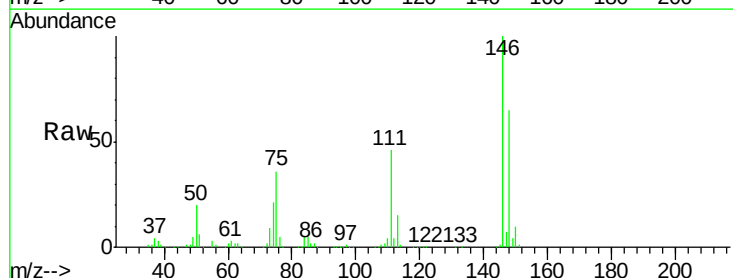
Instrument :
BNA_F
ClientSampleId :
PB86380BS

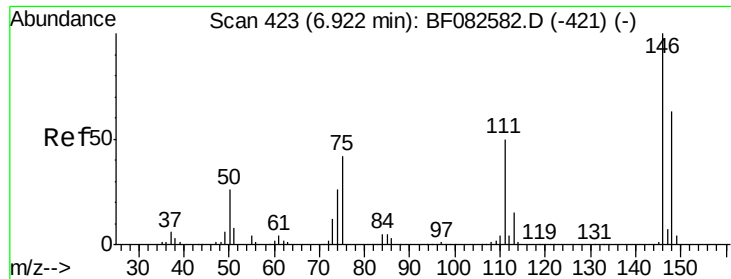
Tot Ion: 93 Resp: 597356
Ion Ratio Lower Upper
93 100
63 80.9 72.7 112.7
95 33.2 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 37.23 ng m
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 146 Resp: 650585
Ion Ratio Lower Upper
146 100
148 65.2 50.5 75.7
75 35.9 39.5 59.3#

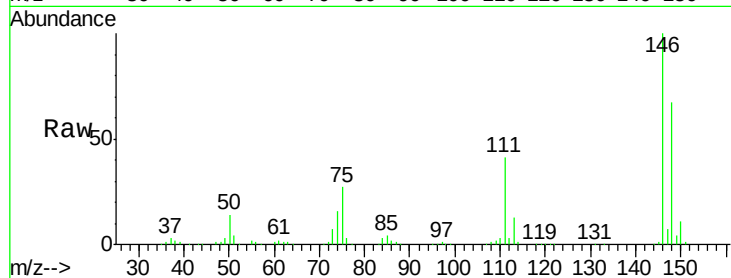




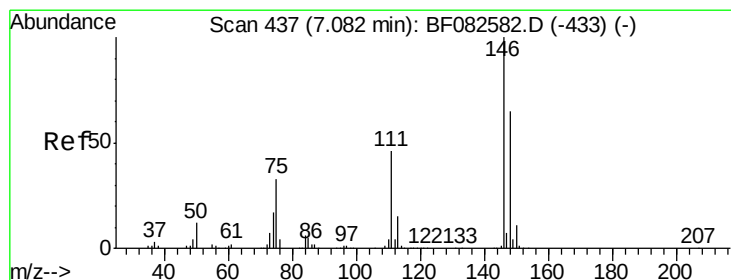
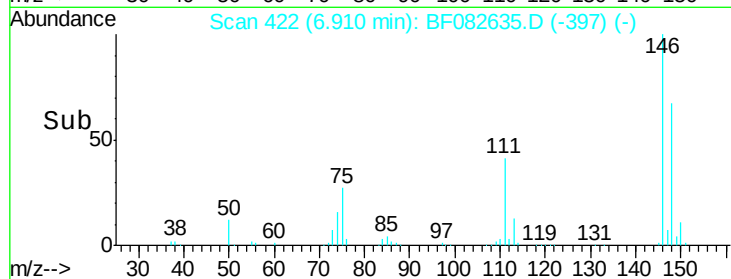
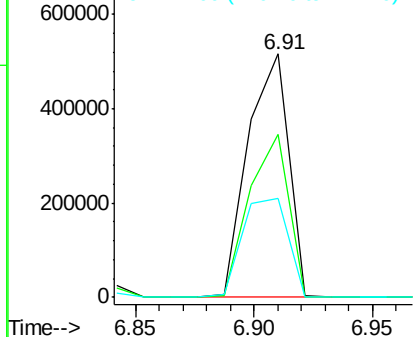
#13
 1,4-Dichlorobenzene
 Concen: 35.77 ng/mL
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleID :
 PB86380BS

Tot Ion:146 Resp: 619758
 Ion Ratio Lower Upper
 146 100
 148 67.0 50.8 76.2
 111 40.6 40.6 60.8#

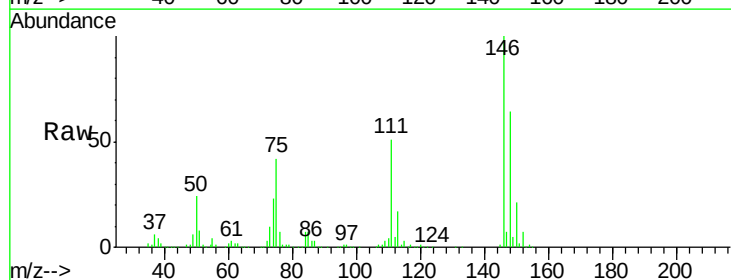


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

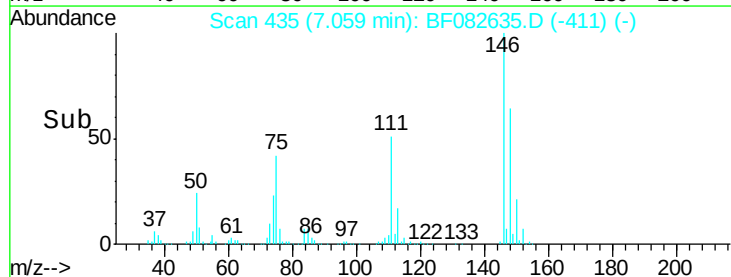
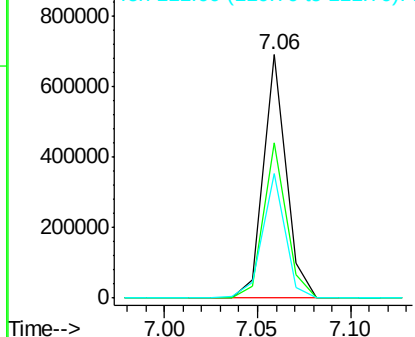


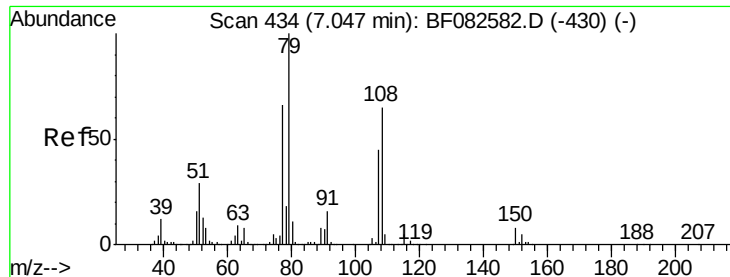
#14
 1,2-Dichlorobenzene
 Concen: 35.91 ng/mL
 RT: 7.06 min Scan# 435
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:146 Resp: 577552
 Ion Ratio Lower Upper
 146 100
 148 63.7 52.2 78.4
 111 51.4 36.6 55.0



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





#15

Benzyl Alcohol

Concen: 35.17 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

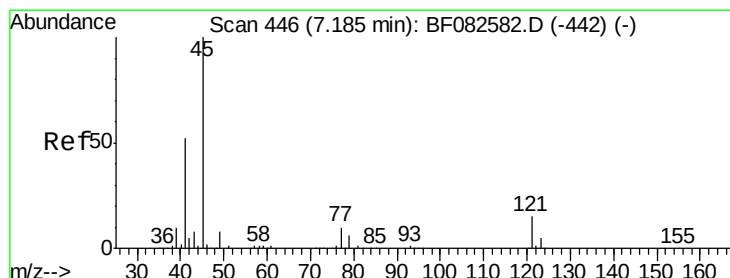
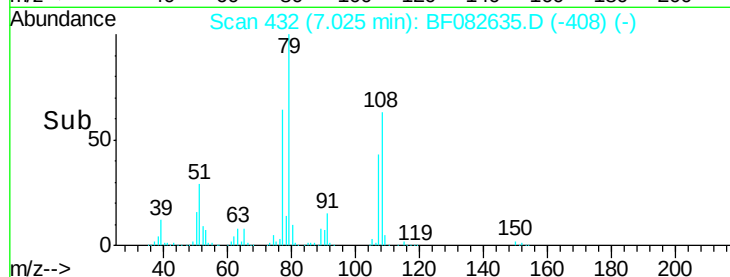
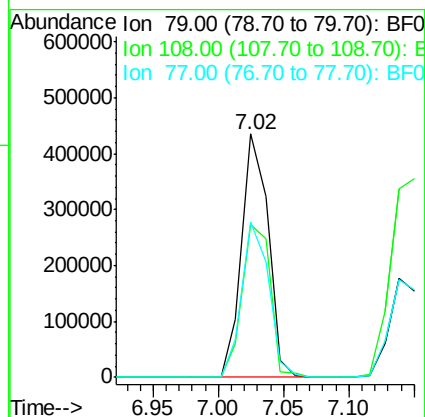
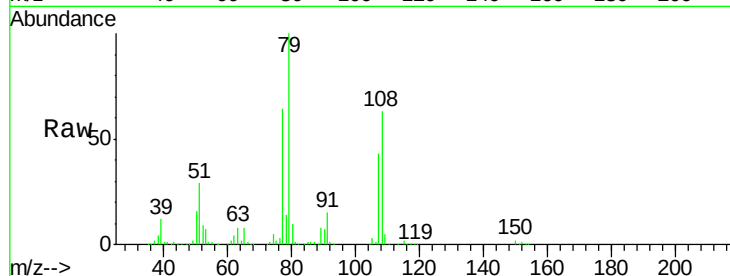
Tot Ion: 79 Resp: 617042

Ion Ratio Lower Upper

79 100

108 63.0 52.2 78.4

77 63.6 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.65 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

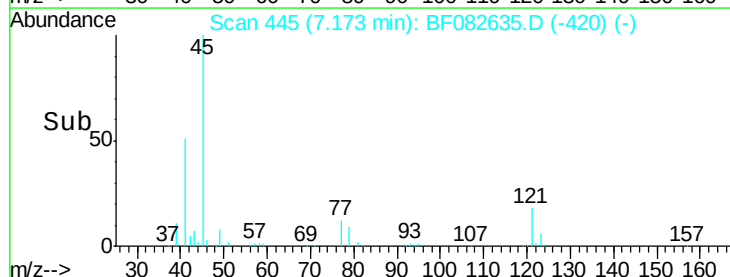
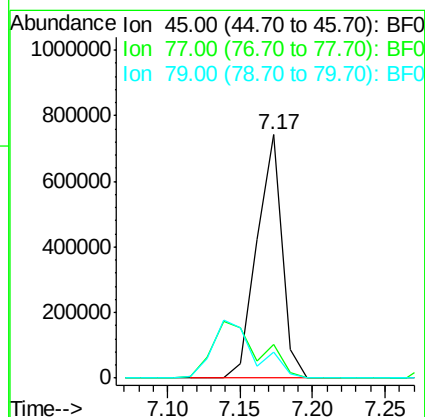
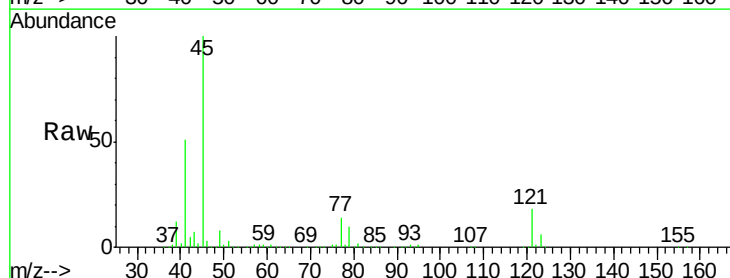
Tgt Ion: 45 Resp: 891019

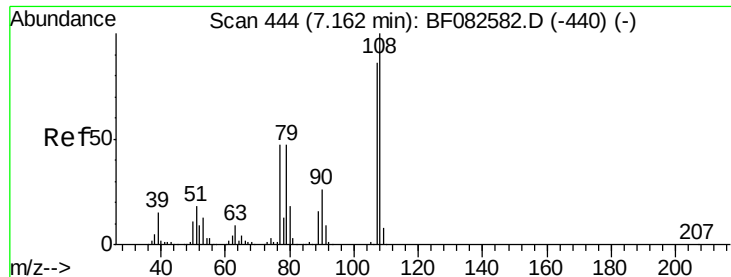
Ion Ratio Lower Upper

45 100

77 13.7 0.0 32.6

79 10.5 0.0 29.2

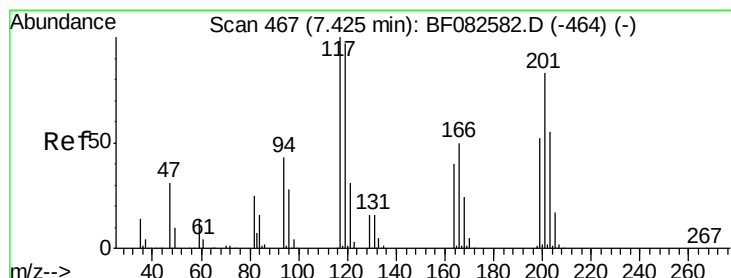
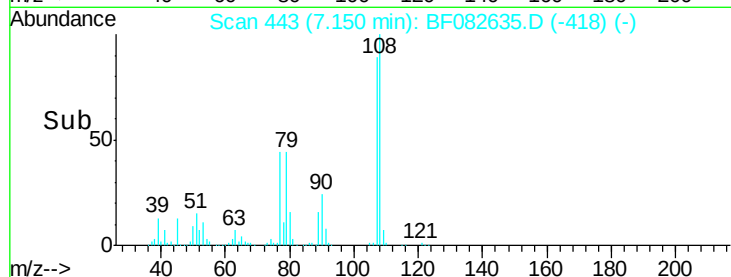
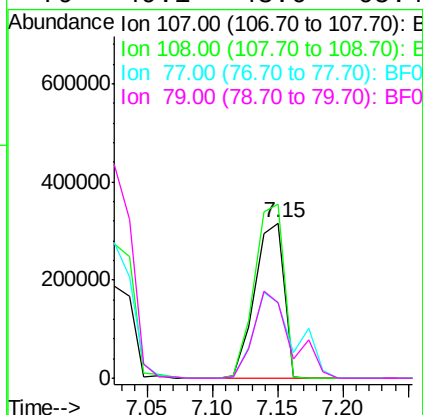
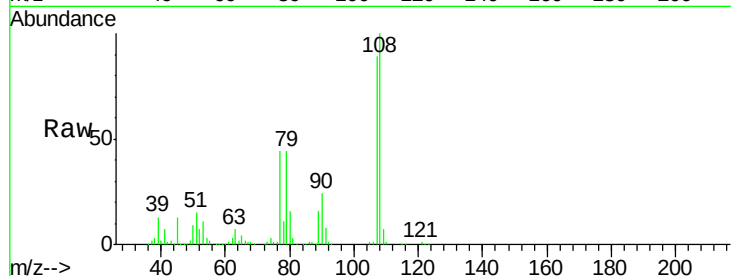




#17
2-Methylphenol
Concen: 38.09 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

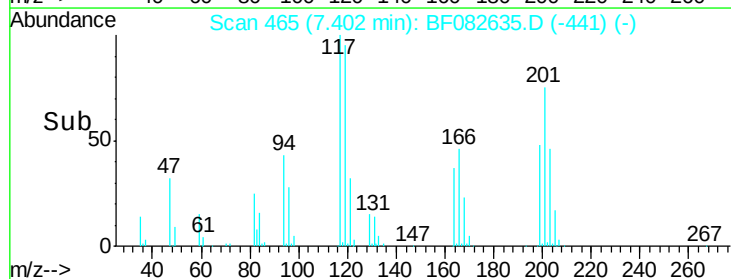
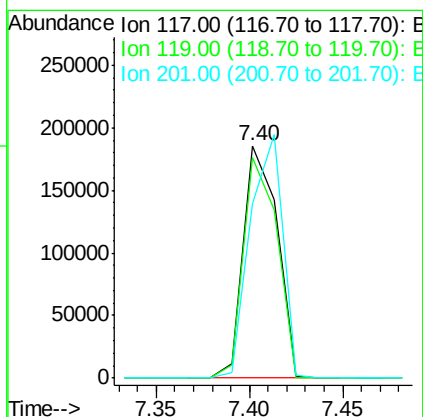
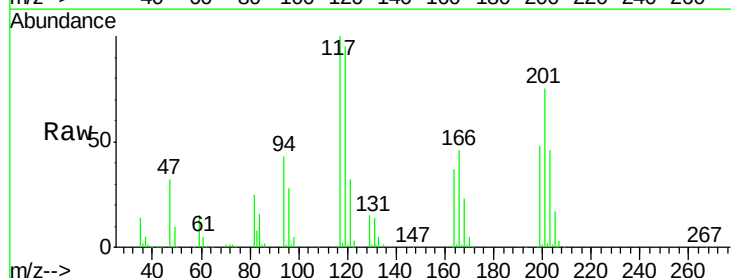
Instrument :
BNA_F
ClientSampleId :
PB86380BS

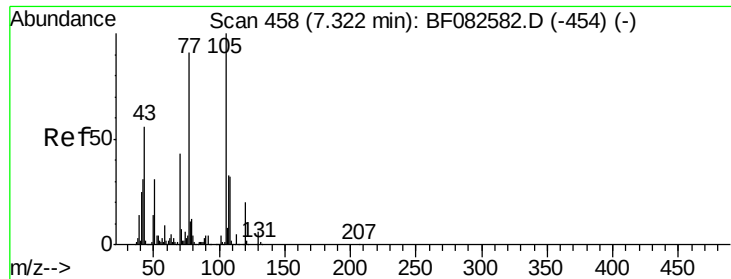
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	93.0	139.4
77	49.1	44.1	66.1
79	49.1	43.6	65.4



#18
Hexachloroethane
Concen: 34.53 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.7	116.5
201	75.1	66.7	100.1

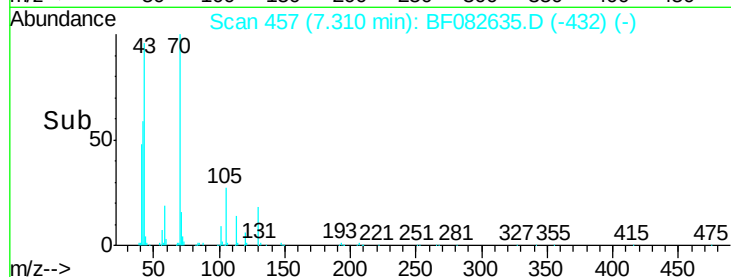
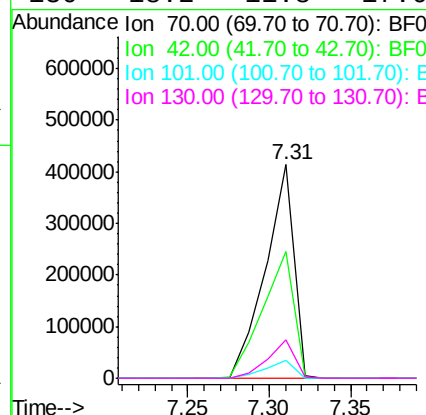
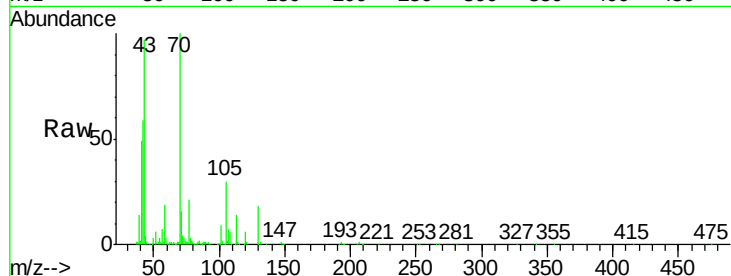




#19
 n-Nitroso-di-n-propylamine
 Concen: 35.52 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

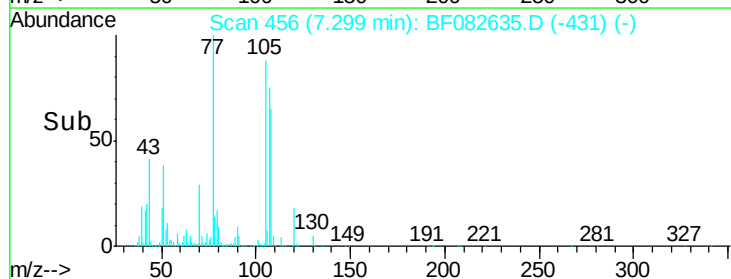
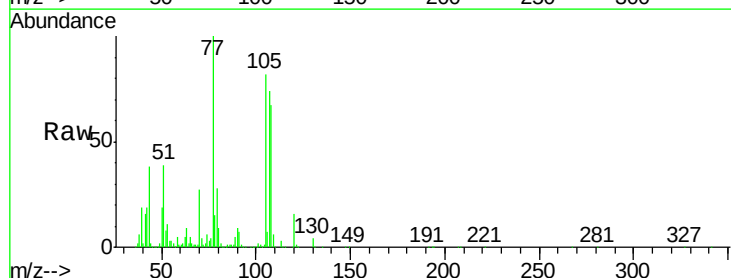
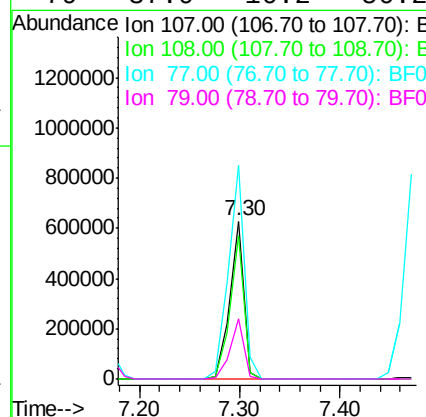
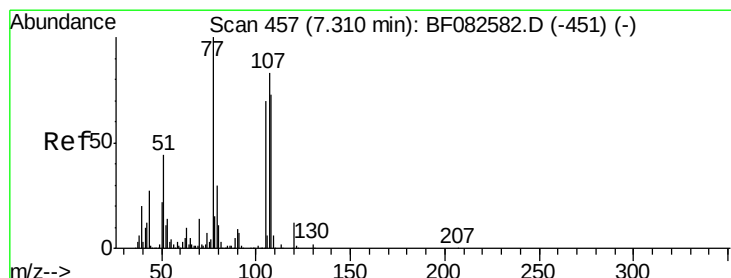
Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

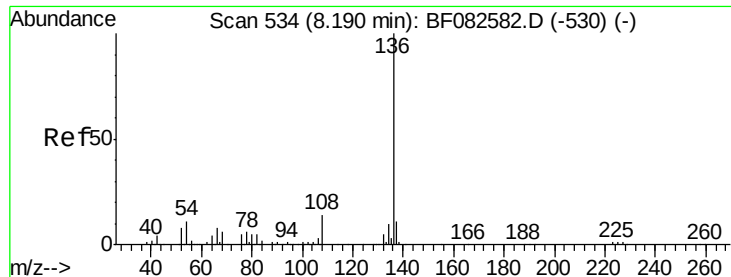
Tot Ion	Ratio	Lower	Upper
70	100		
42	59.1	57.7	86.5
101	8.6	7.0	10.6
130	18.2	11.8	17.6#



#20
 3+4-Methylphenols
 Concen: 35.97 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.3	107.3
77	135.2	100.3	140.3
79	37.9	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

Tot Ion:136 Resp: 791364

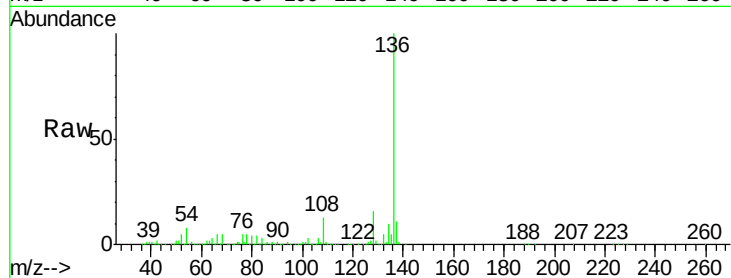
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 7.7 9.1 13.7#

68 4.7 4.8 7.2#

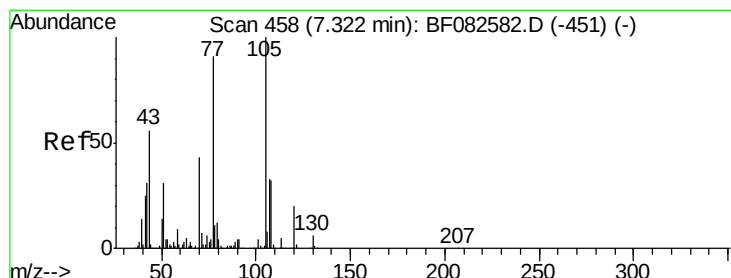
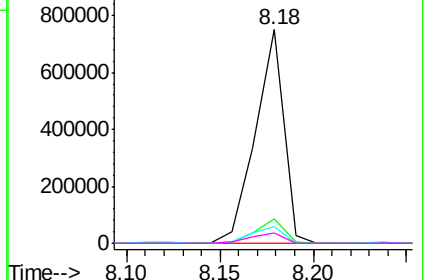
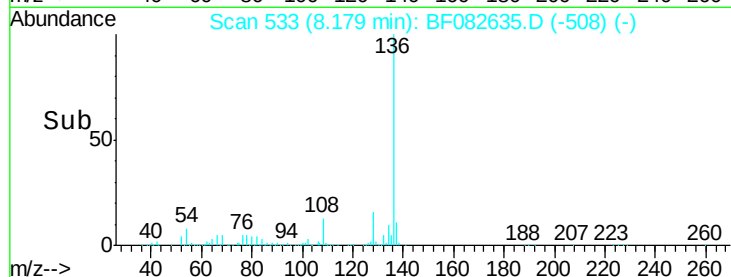


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.53 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Tgt Ion:105 Resp: 804530

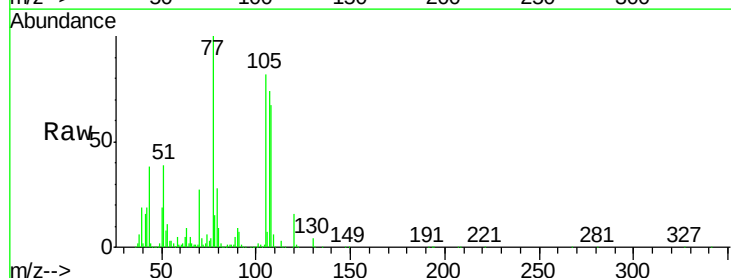
Ion Ratio Lower Upper

105 100

71 5.4 5.6 8.4#

51 47.3 24.9 37.3#

120 19.9 15.8 23.8

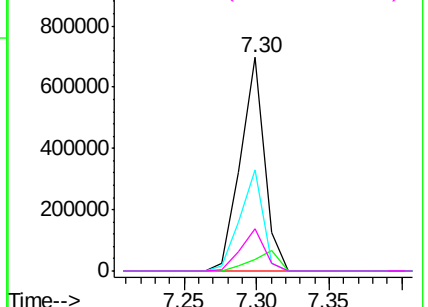
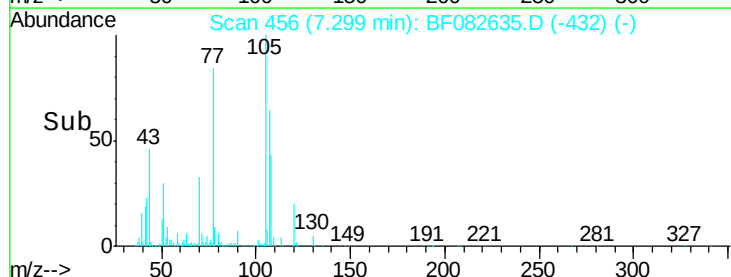


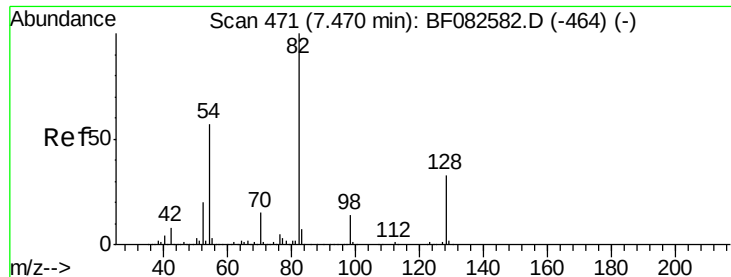
Abundance Ion 105.00 (104.70 to 105.70): E

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

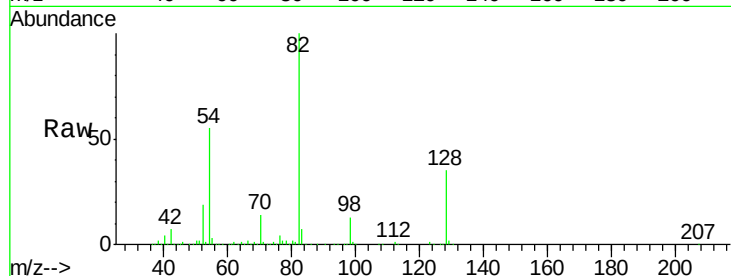




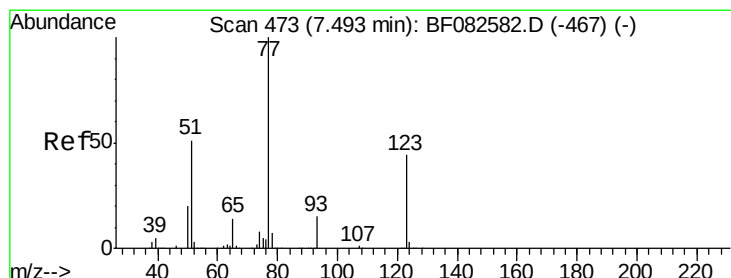
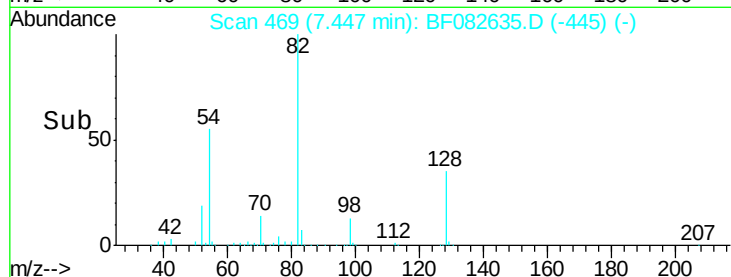
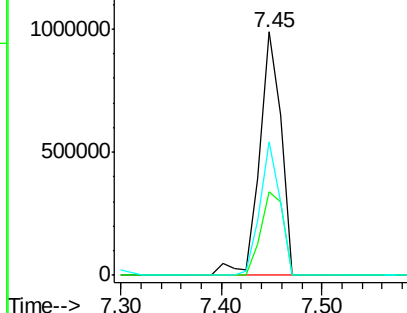
#23
Nitrobenzene-d5
Concen: 75.23 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Instrument :
BNA_F
ClientSampleId :
PB86380BS

Tot Ion: 82 Resp: 1457843
Ion Ratio Lower Upper
82 100
128 34.5 26.8 40.2
54 54.8 45.7 68.5

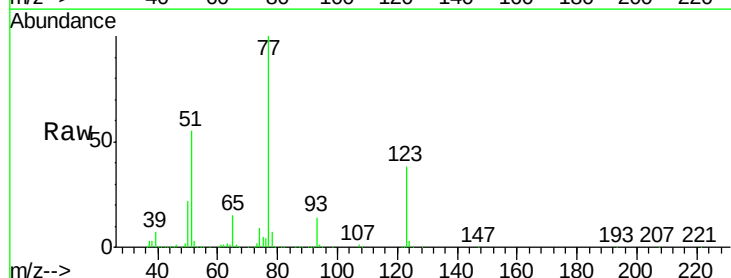


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

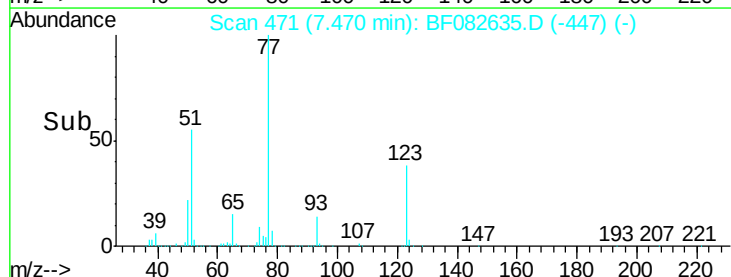
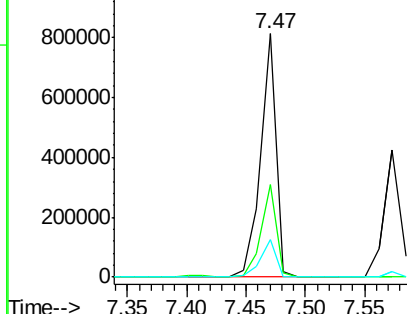


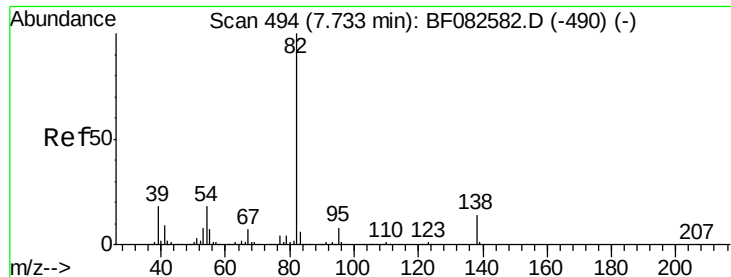
#24
Nitrobenzene
Concen: 38.03 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 77 Resp: 745047
Ion Ratio Lower Upper
77 100
123 38.2 36.4 54.6
65 15.3 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.81 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

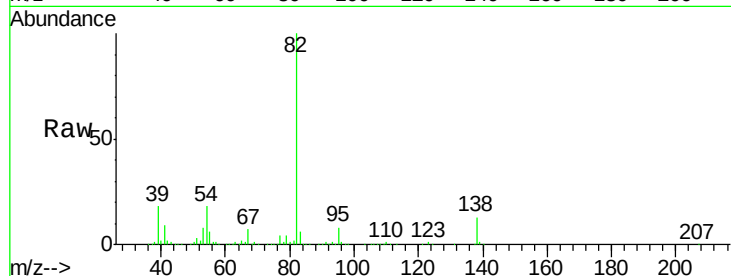
Tot Ion: 82 Resp: 1241031

Ion Ratio Lower Upper

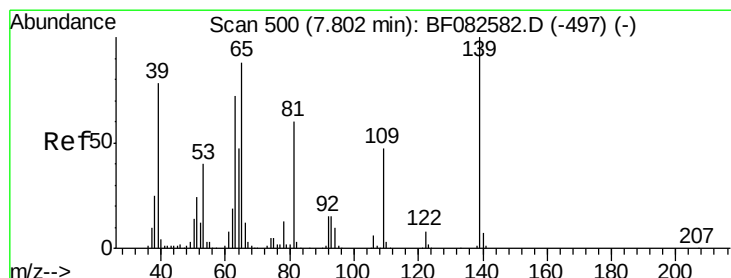
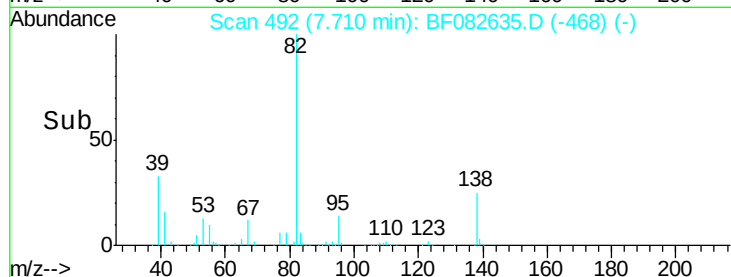
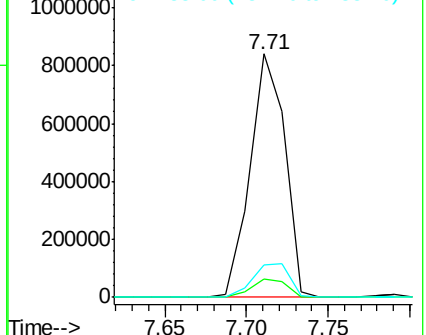
82 100

95 7.5 6.6 9.8

138 13.2 11.4 17.0



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



#26

2-Nitrophenol

Concen: 41.98 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

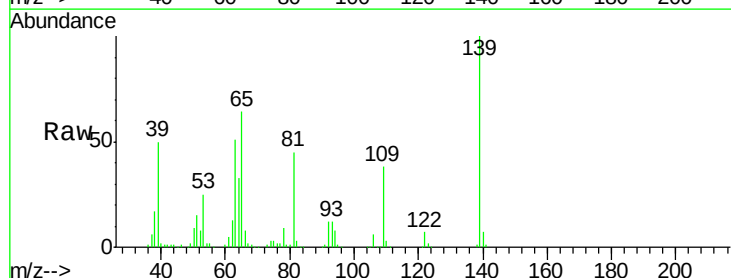
Tgt Ion: 139 Resp: 300411

Ion Ratio Lower Upper

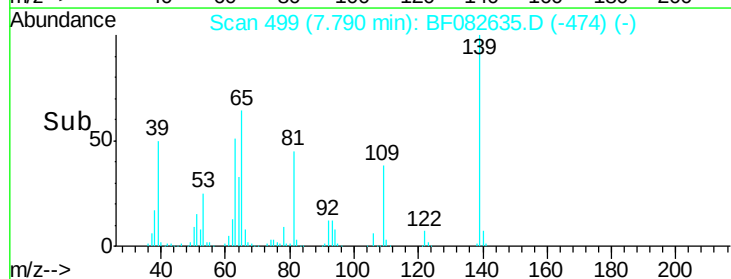
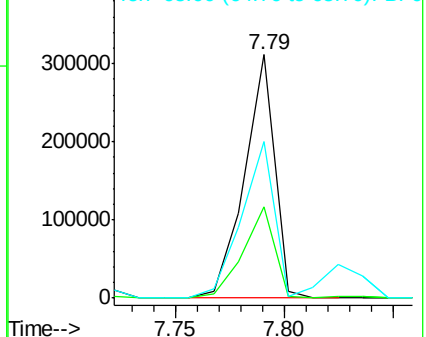
139 100

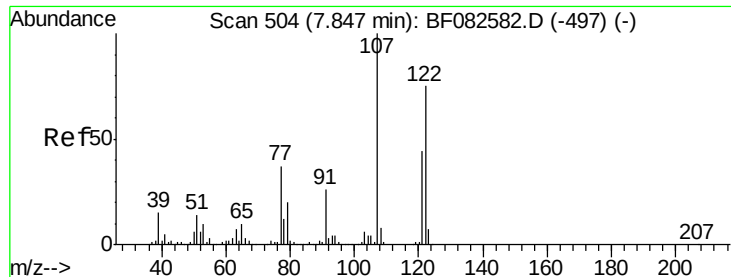
109 37.6 37.6 56.4

65 64.4 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 38.54 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

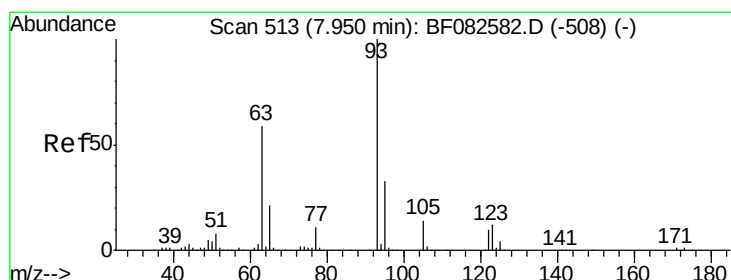
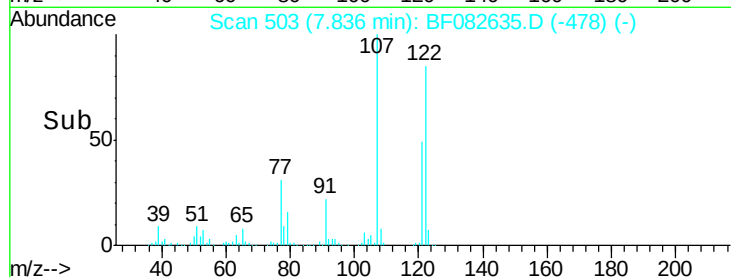
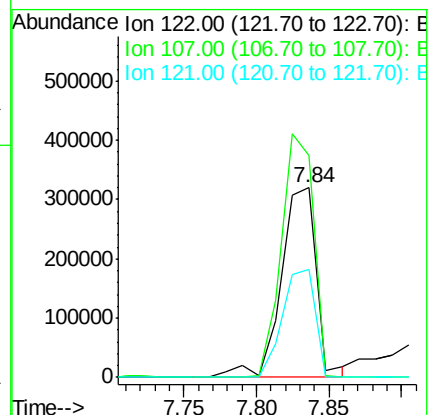
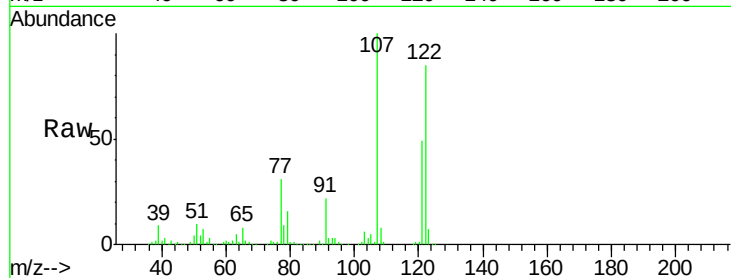
Tot Ion:122 Resp: 538326

Ion Ratio Lower Upper

122 100

107 117.0 106.0 159.0

121 57.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 38.39 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

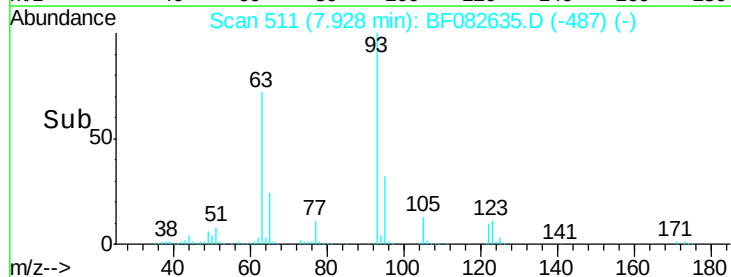
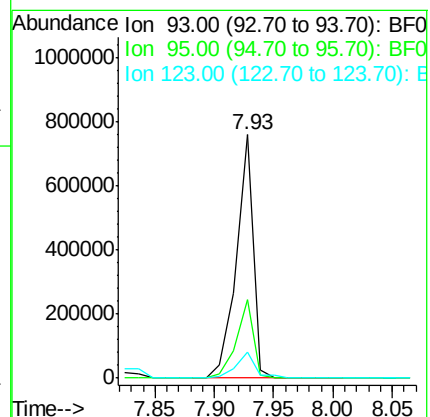
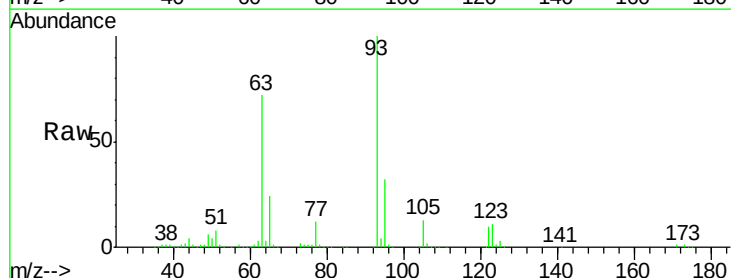
Tgt Ion: 93 Resp: 748654

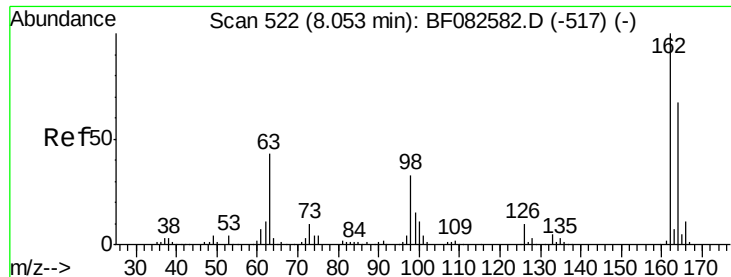
Ion Ratio Lower Upper

93 100

95 32.5 26.6 40.0

123 10.6 9.7 14.5

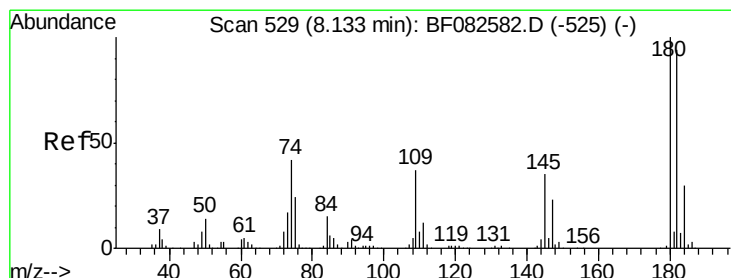
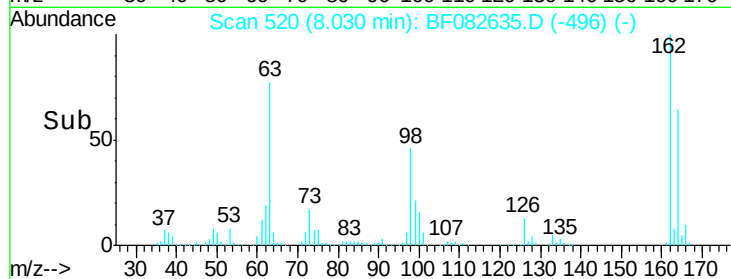
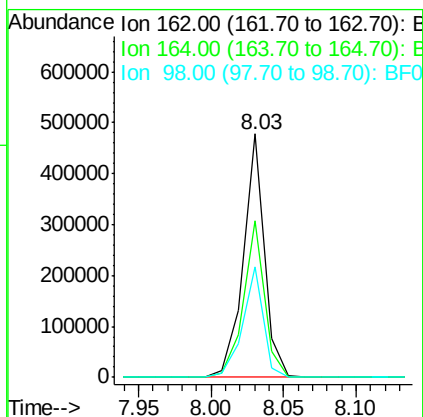
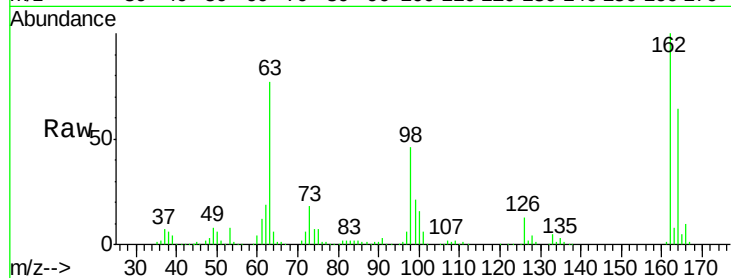




#29
 2,4-Dichlorophenol
 Concen: 37.75 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

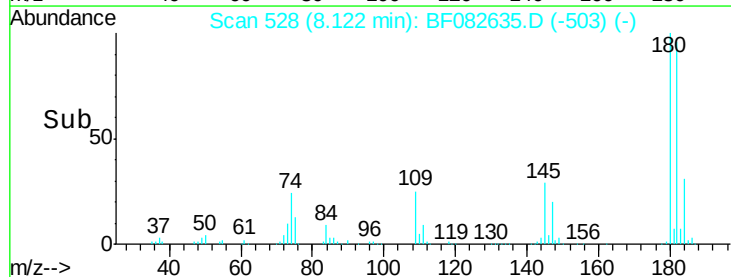
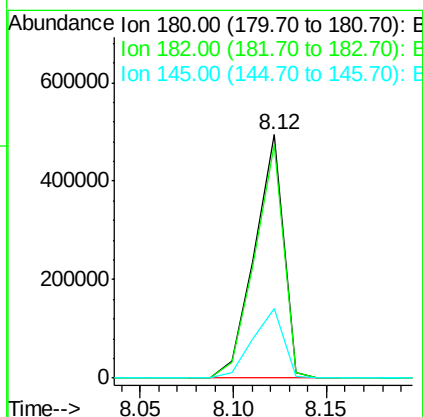
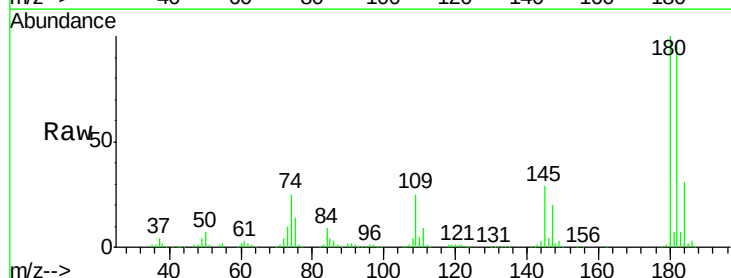
Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

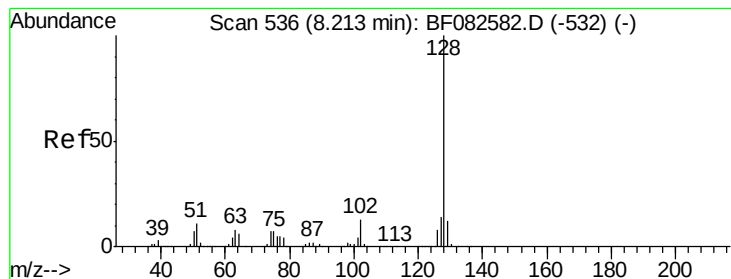
Tot Ion:162 Resp: 480661
 Ion Ratio Lower Upper
 162 100
 164 64.1 46.8 86.8
 98 45.6 12.5 52.5



#30
 1,2,4-Trichlorobenzene
 Concen: 37.57 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:180 Resp: 530890
 Ion Ratio Lower Upper
 180 100
 182 96.1 74.9 112.3
 145 28.7 27.8 41.8





#31

Naphthalene

Concen: 37.68 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

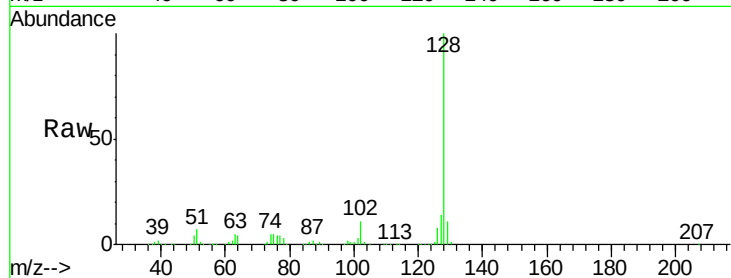
Tot Ion:128 Resp: 1613405

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

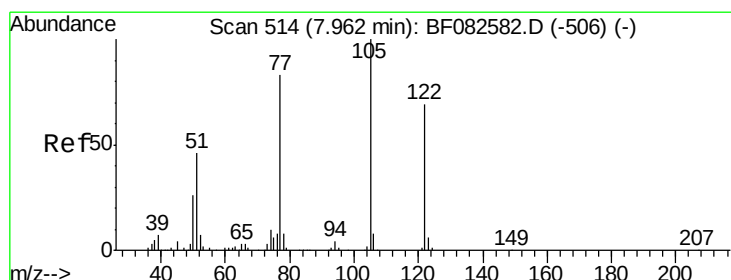
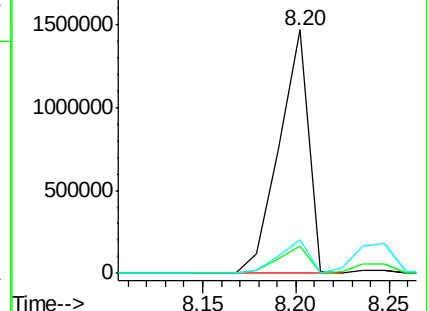
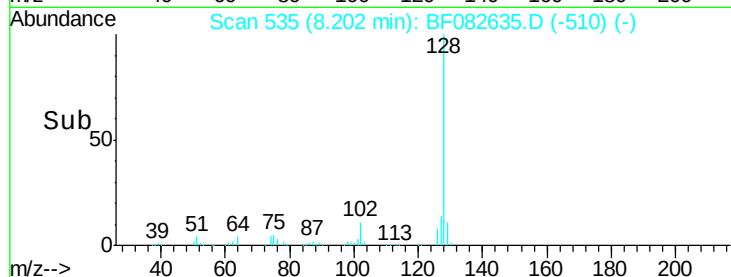
127 13.6 11.4 17.0



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: 33.94 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

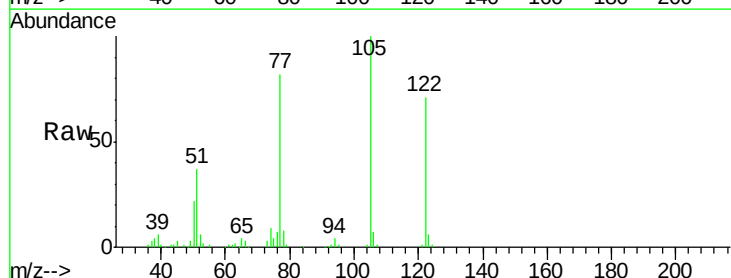
Tgt Ion:122 Resp: 343920

Ion Ratio Lower Upper

122 100

105 139.9 122.6 162.6

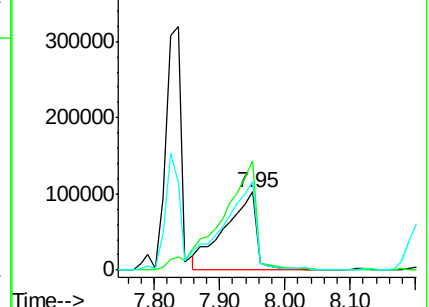
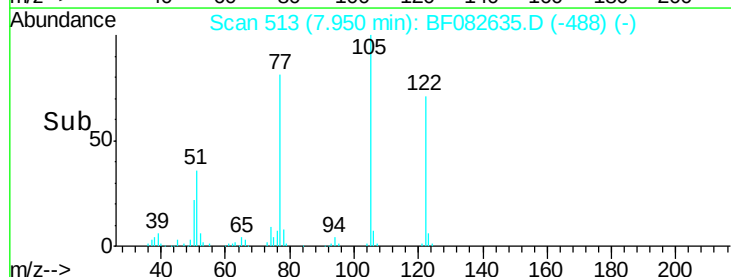
77 114.3 100.9 140.9

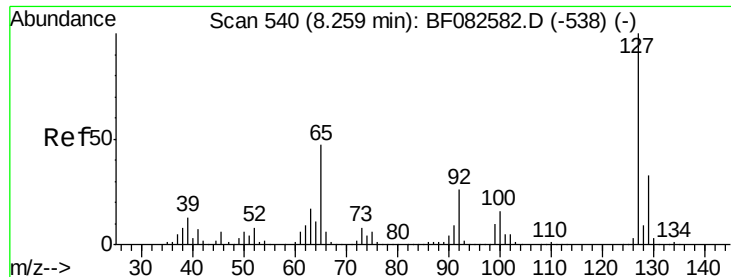


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

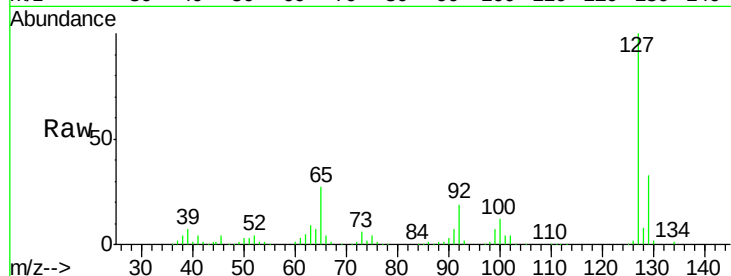




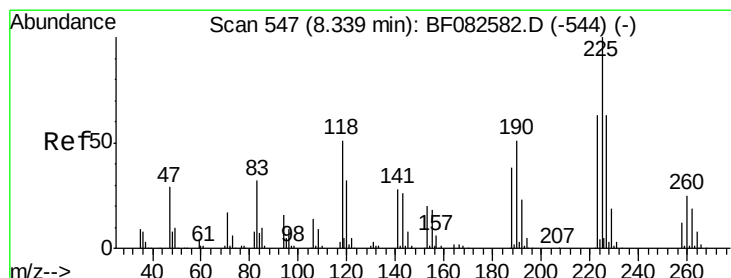
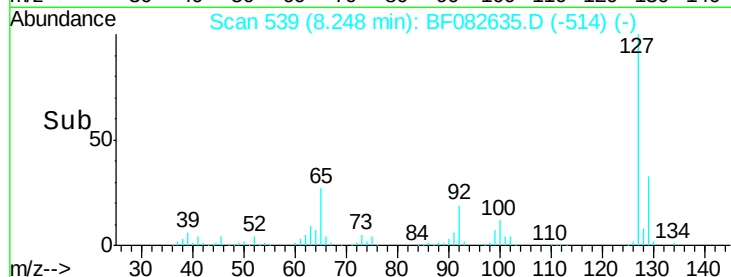
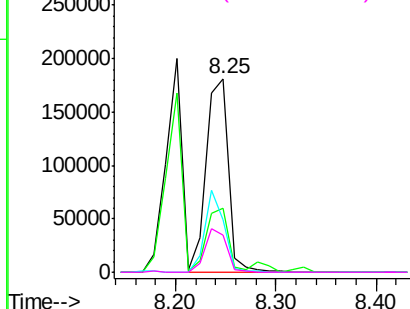
#33
4-Chloroaniline
Concen: 15.22 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Instrument :
BNA_F
ClientSampleId :
PB86380BS

Tot Ion:127	Resp:	278165
Ion Ratio	Lower	Upper
127	100	
129	32.9	26.3 39.5
65	27.4	37.8 56.8#
92	18.9	20.6 31.0#

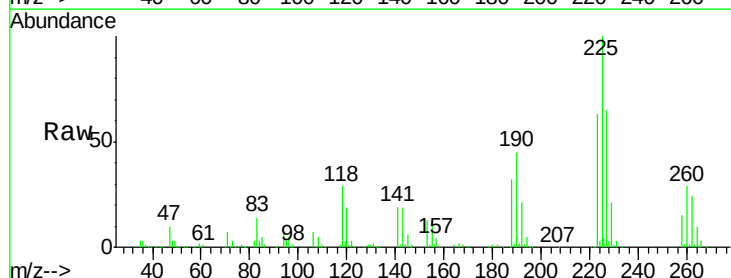


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

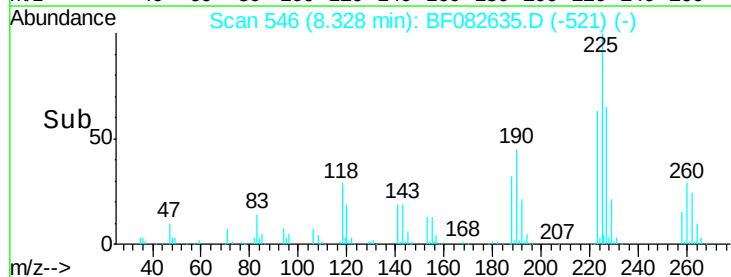
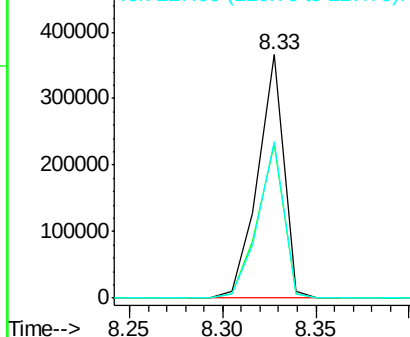


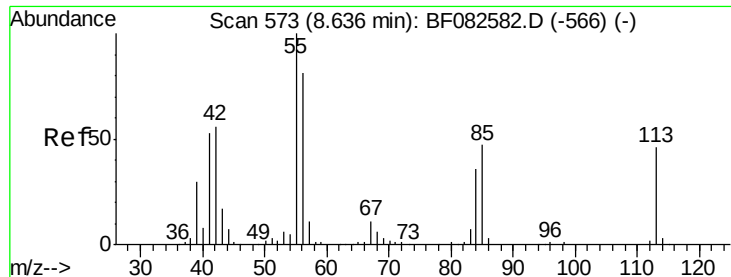
#34
Hexachlorobutadiene
Concen: 39.31 ng
RT: 8.33 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:225	Resp:	353282
Ion Ratio	Lower	Upper
225	100	
223	63.4	50.5 75.7
227	64.5	50.2 75.2



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

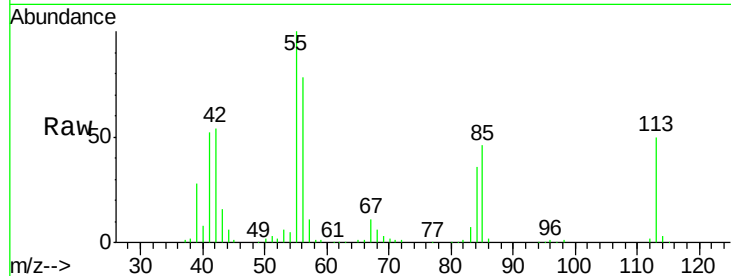




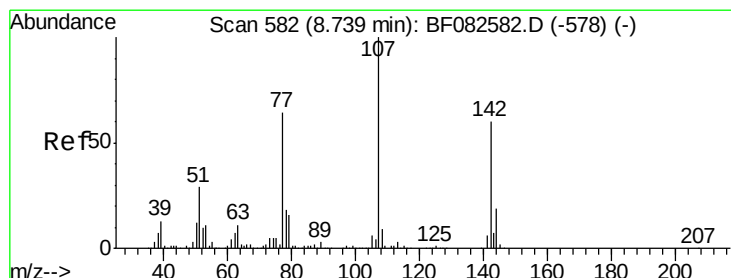
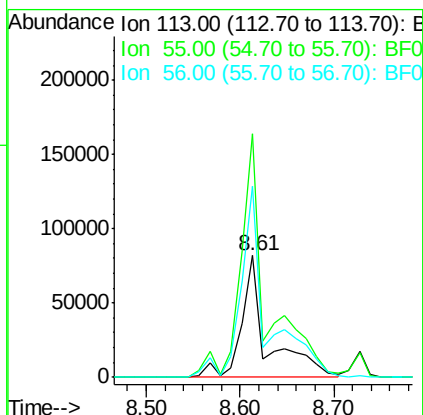
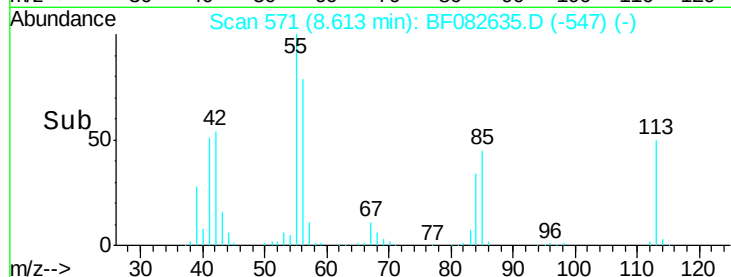
#35
 Caprolactam
 Concen: 40.70 ng/ml
 RT: 8.61 min Scan# 571
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion:113 Resp: 159008
 Ion Ratio Lower Upper
 113 100
 55 199.8 195.5 235.5
 56 156.4 153.5 193.5

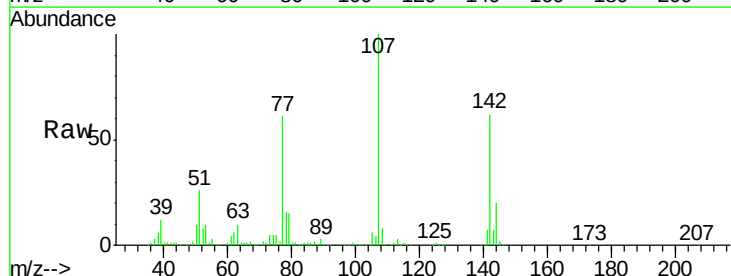


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

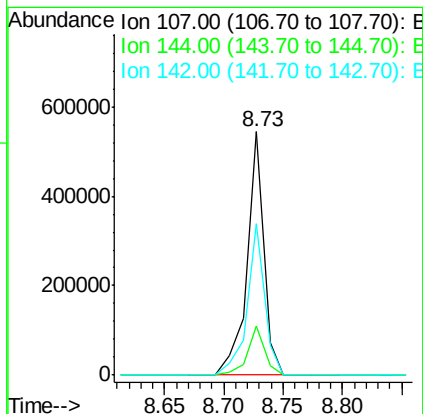
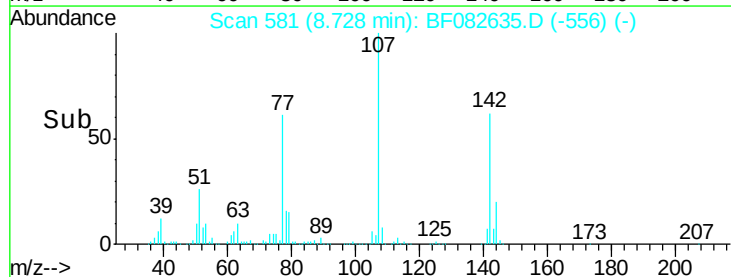


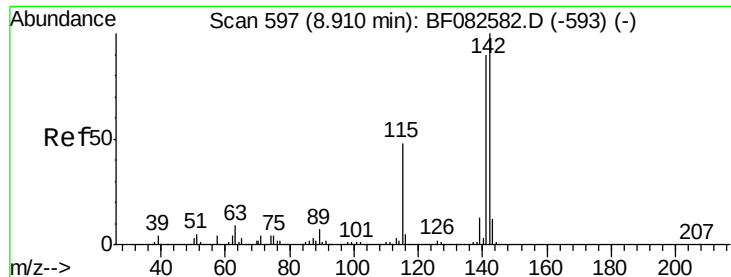
#36
 4-Chloro-3-methylphenol
 Concen: 36.29 ng/ml
 RT: 8.73 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:107 Resp: 544049
 Ion Ratio Lower Upper
 107 100
 144 20.3 15.4 23.0
 142 62.4 47.8 71.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

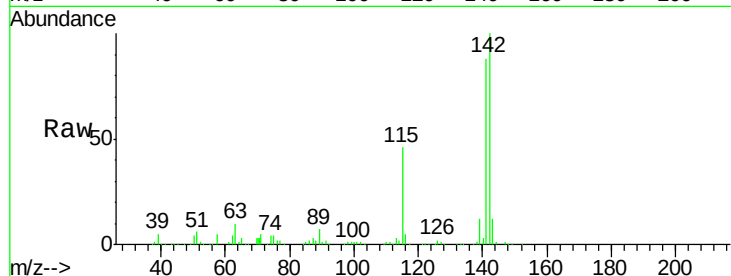




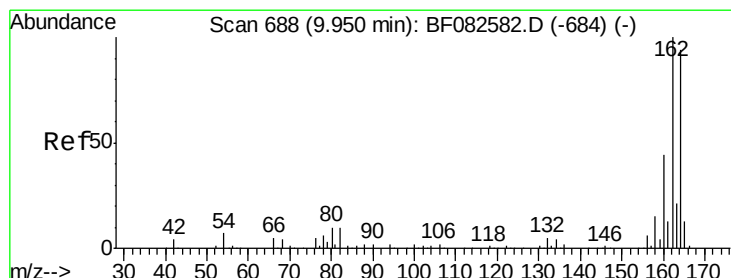
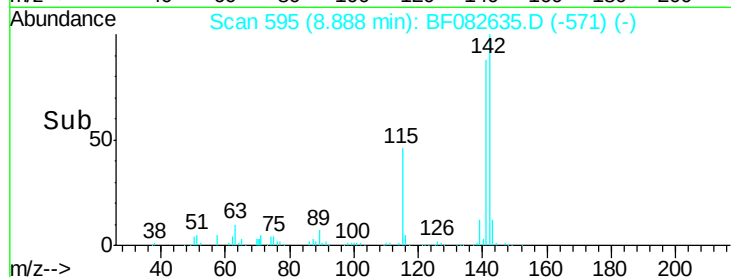
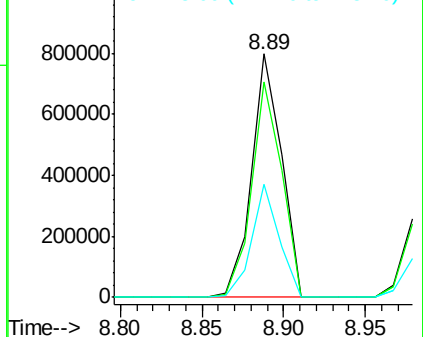
#37
 2-Methylnaphthalene
 Concen: 36.57 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion:142 Resp: 1014998
 Ion Ratio Lower Upper
 142 100
 141 88.4 72.3 108.5
 115 46.4 38.1 57.1

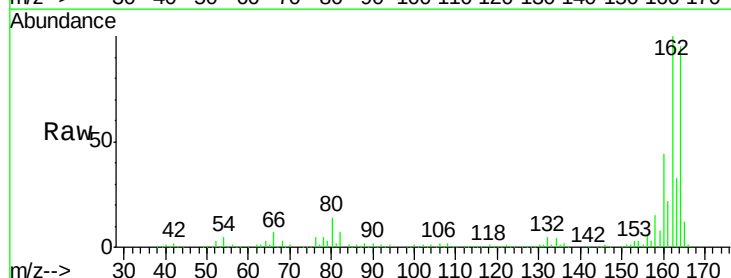


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

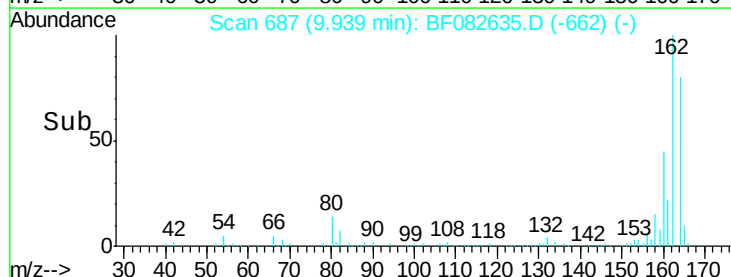
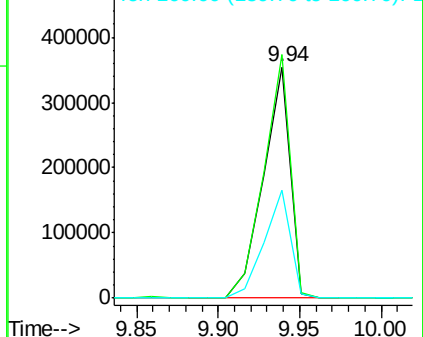


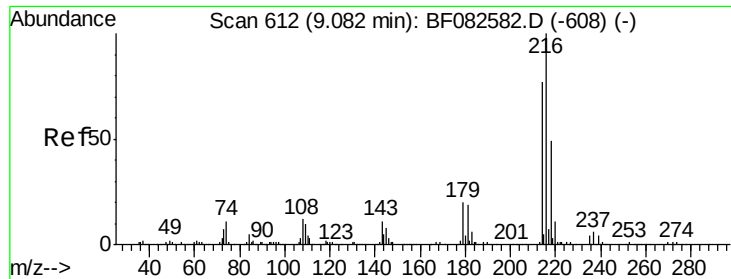
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:164 Resp: 403869
 Ion Ratio Lower Upper
 164 100
 162 105.4 84.9 127.3
 160 46.7 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

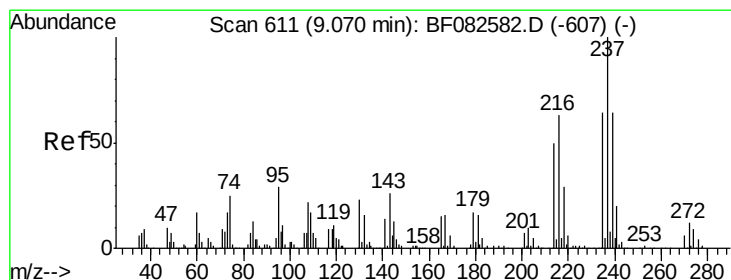
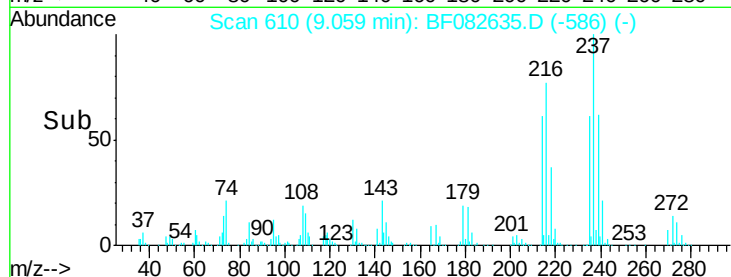
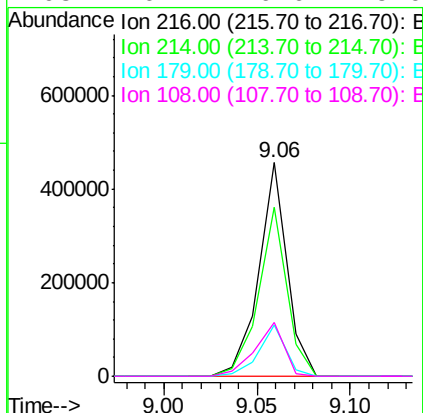
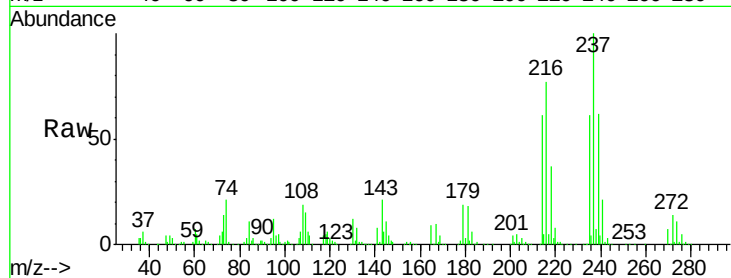




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.27 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

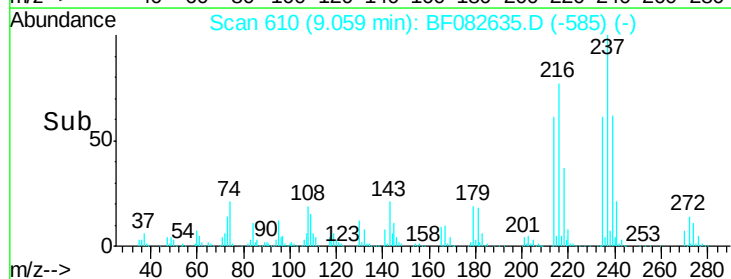
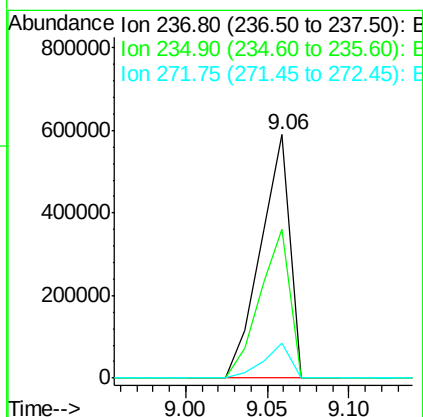
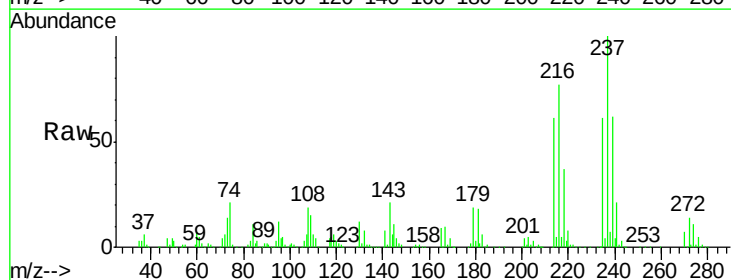
Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

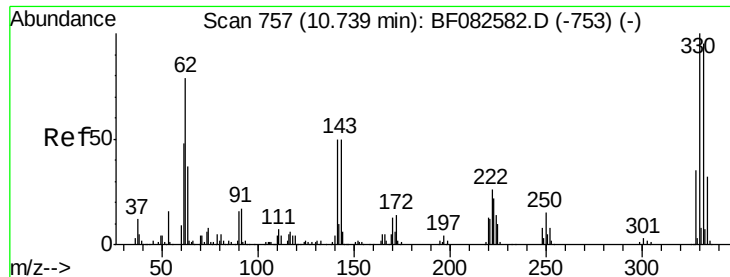
Tot Ion:	216	Resp:	475343
Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.2	93.2
179	22.9	18.1	27.1
108	26.2	16.6	25.0#



#40
 Hexachlorocyclopentadiene
 Concen: 86.68 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:	237	Resp:	734381
Ion	Ratio	Lower	Upper
237	100		
235	61.0	44.3	84.3
272	14.2	0.0	31.9

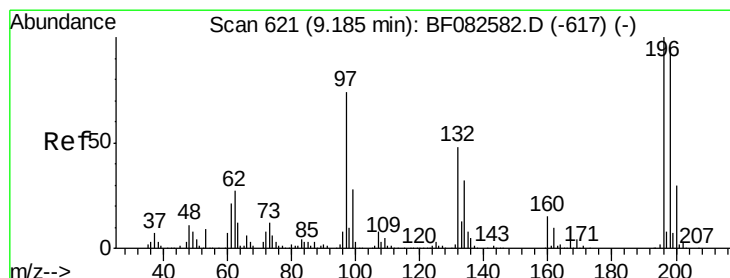
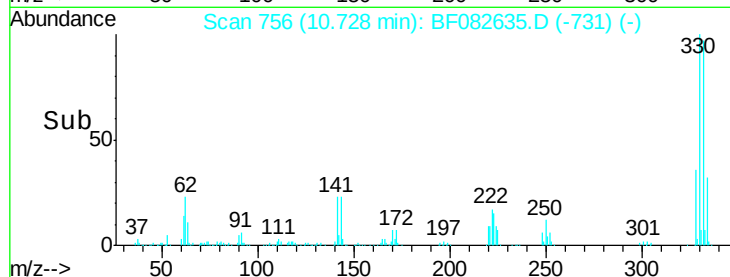
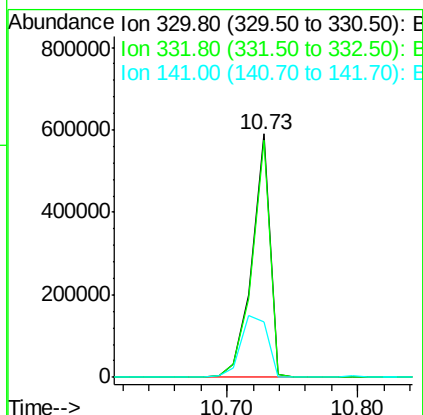
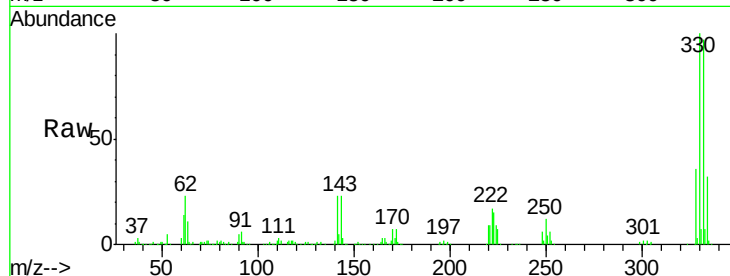




#41
 2,4,6-Tribromophenol
 Concen: 129.94 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

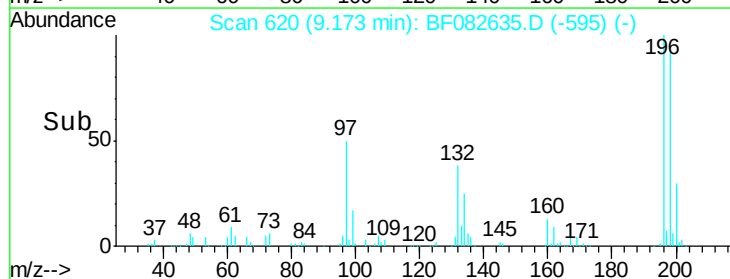
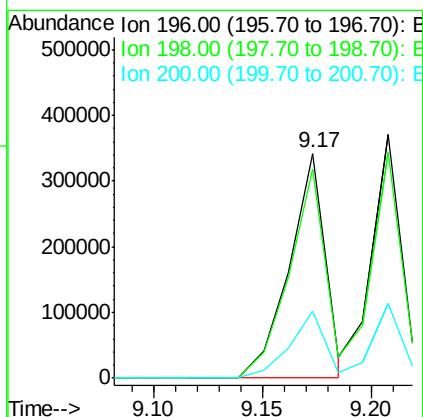
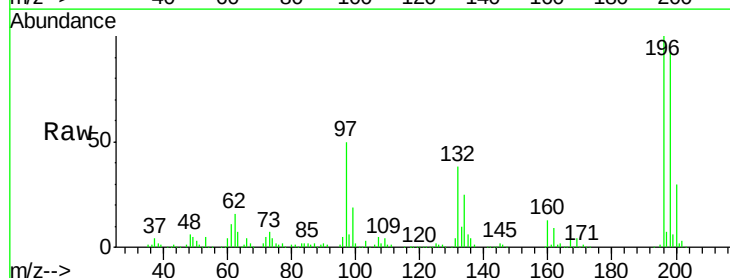
Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

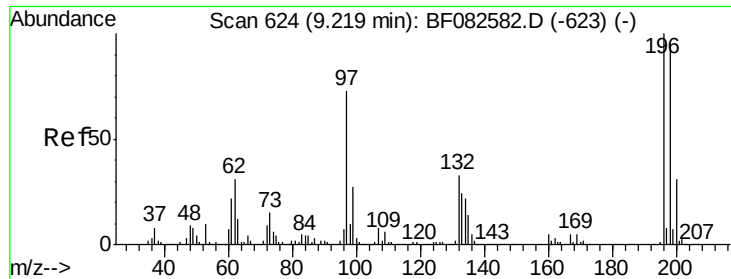
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	37.5	41.2	61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 40.56 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	76.3	114.5
200	29.9	23.9	35.9

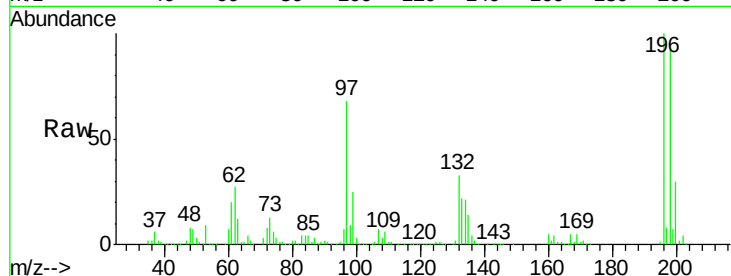




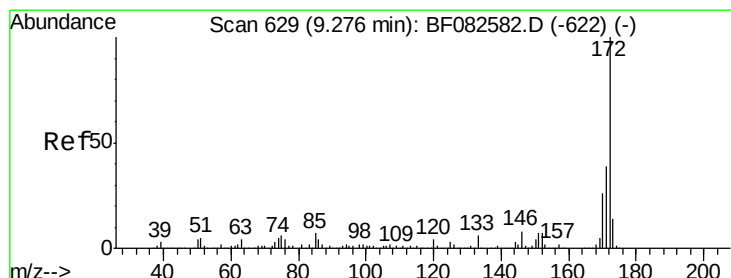
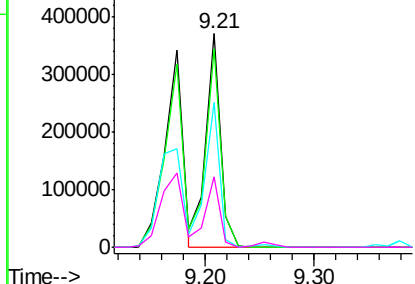
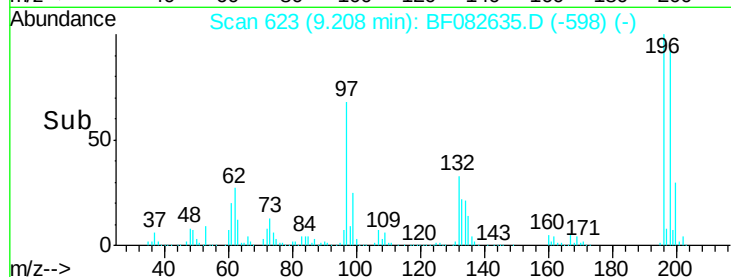
#43
 2,4,5-Trichlorophenol
 Concen: 36.47 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion:196 Resp: 353623
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.8 113.8
 97 68.0 62.3 93.5
 132 33.0 27.4 41.2

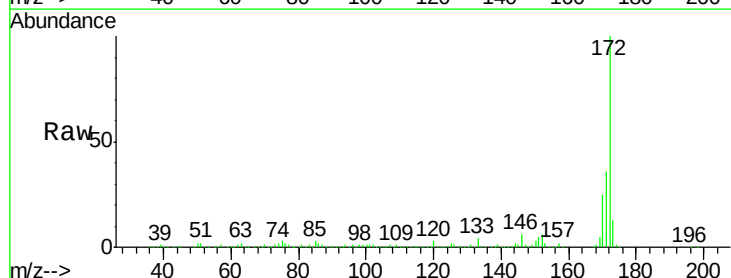


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

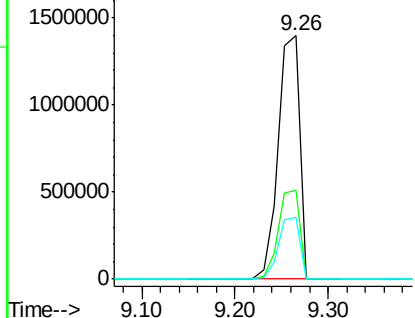
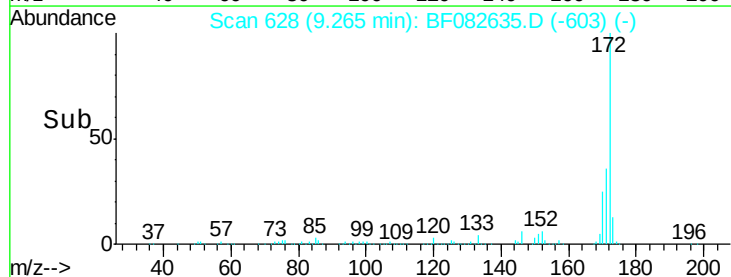


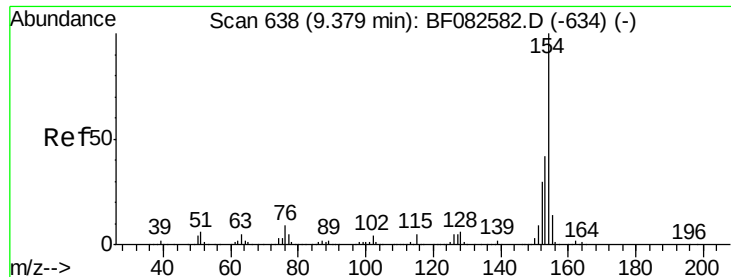
#44
 2-Fluorobiphenyl
 Concen: 77.67 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:172 Resp: 2209421
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.8 46.2
 170 25.3 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: 35.53 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

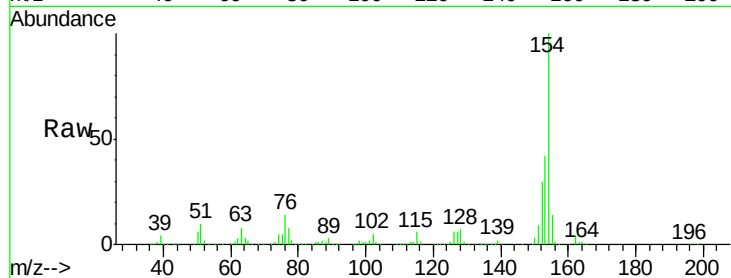
Tot Ion:154 Resp: 1212189

Ion Ratio Lower Upper

154 100

153 41.7 22.0 62.0

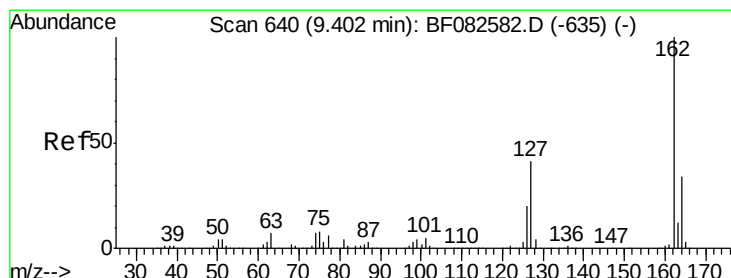
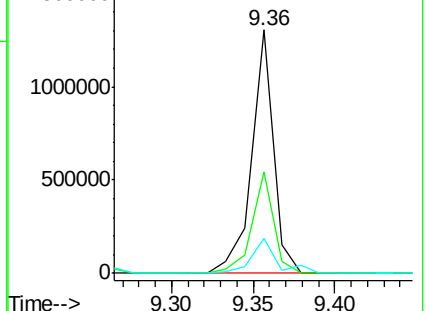
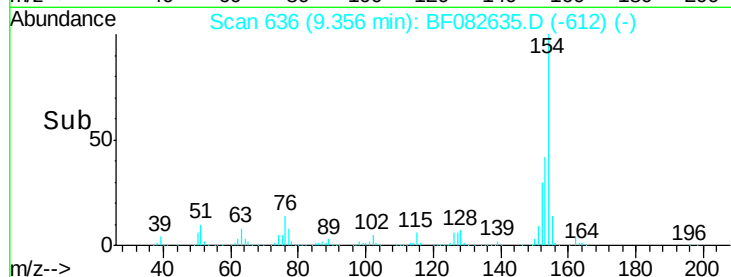
76 14.4 0.0 29.0



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: 36.48 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

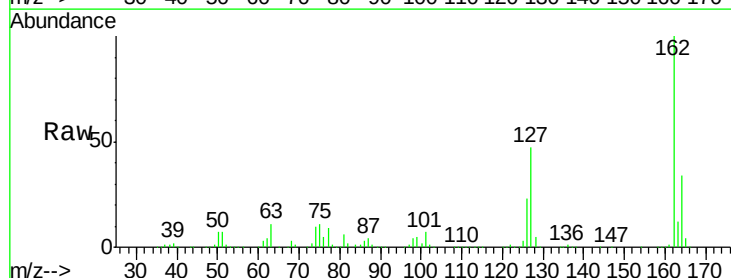
Tgt Ion:162 Resp: 971729

Ion Ratio Lower Upper

162 100

127 46.6 32.7 49.1

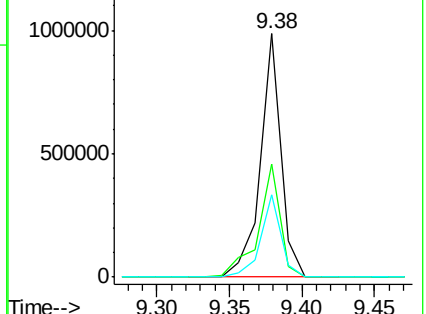
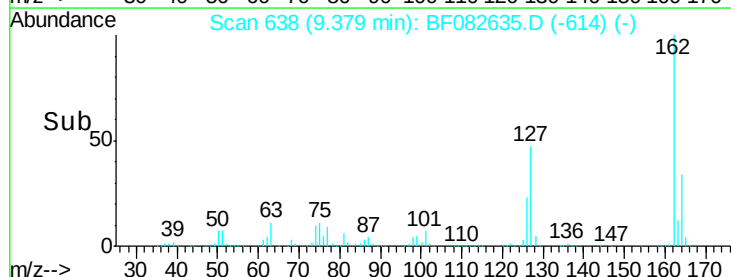
164 33.7 27.4 41.0

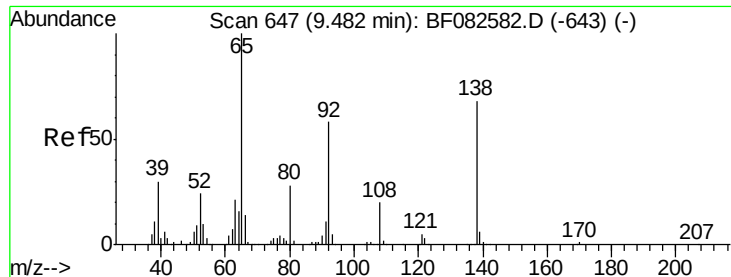


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.91 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

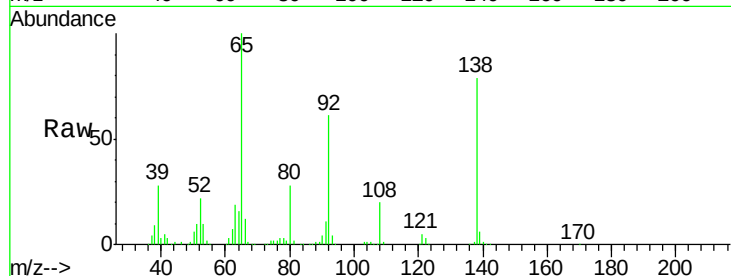
Tot Ion: 65 Resp: 402872

Ion Ratio Lower Upper

65 100

92 61.0 46.6 70.0

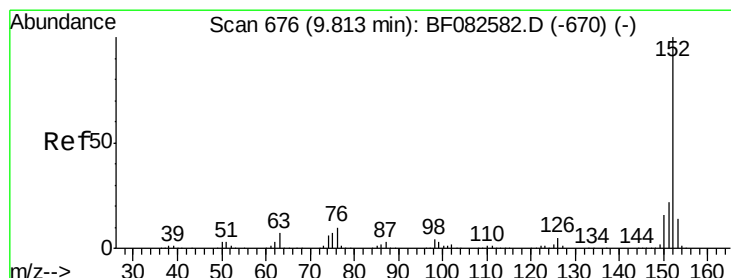
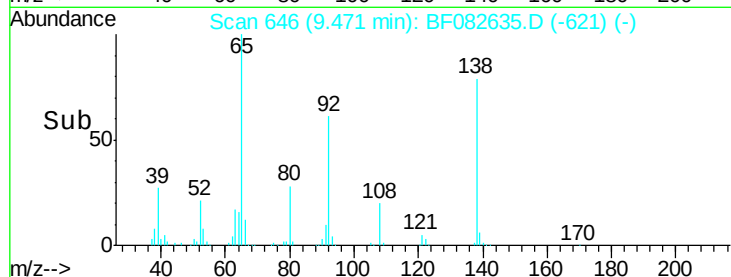
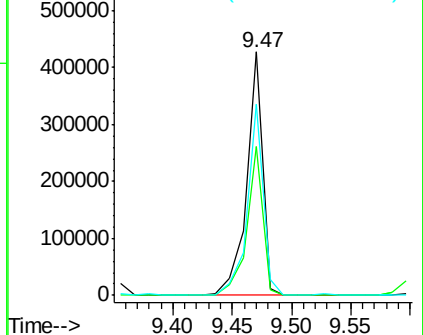
138 78.6 54.6 81.8



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.35 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

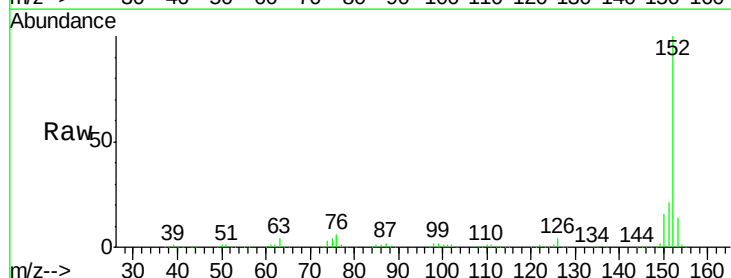
Tgt Ion: 152 Resp: 1634137

Ion Ratio Lower Upper

152 100

151 21.2 17.3 25.9

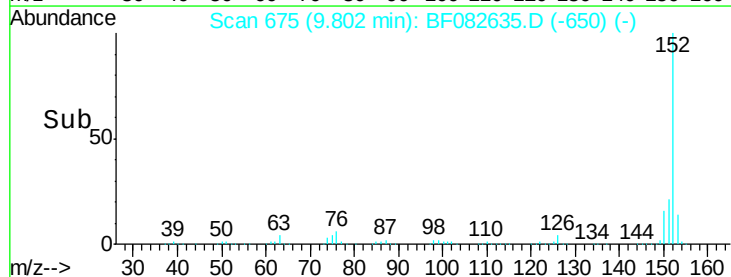
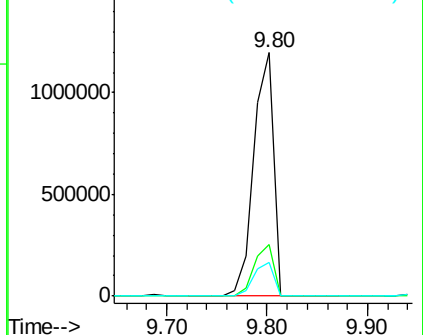
153 13.6 11.3 16.9

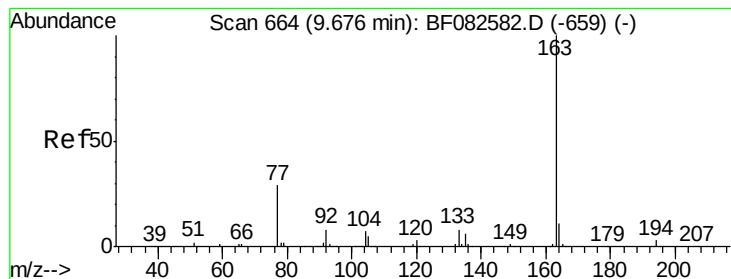


Abundance Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





#49

Dimethylphthalate

Concen: 39.46 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

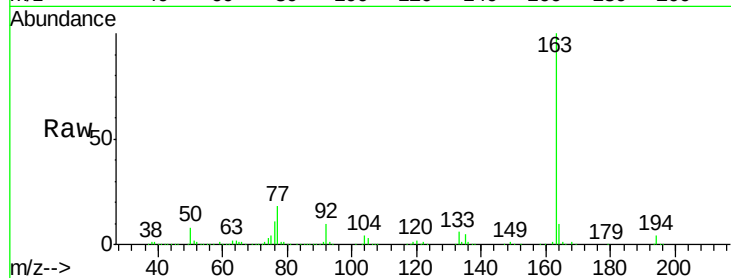
Tot Ion:163 Resp: 1301549

Ion Ratio Lower Upper

163 100

194 3.9 2.6 4.0

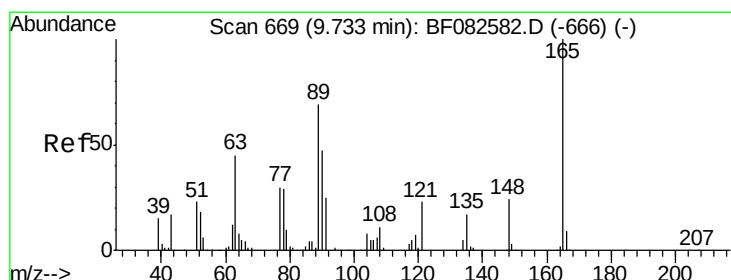
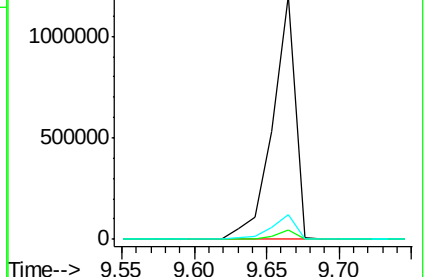
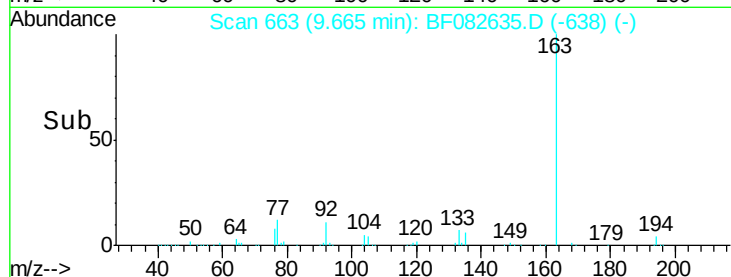
164 10.1 8.7 13.1



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: 37.23 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

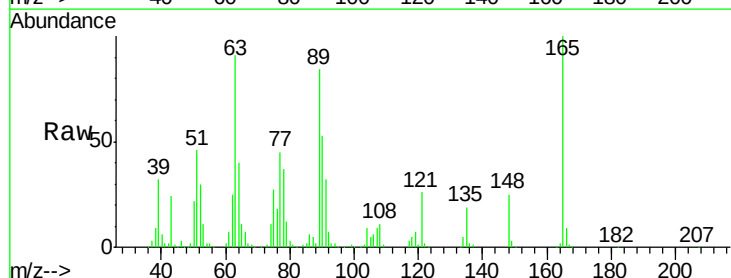
Tgt Ion:165 Resp: 254506

Ion Ratio Lower Upper

165 100

63 91.4 55.5 83.3#

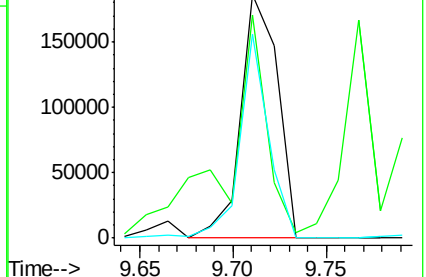
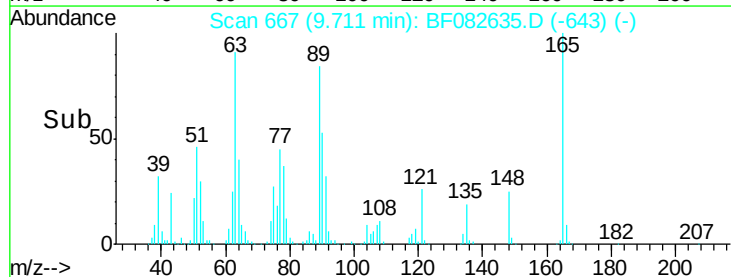
89 83.9 55.0 82.6#

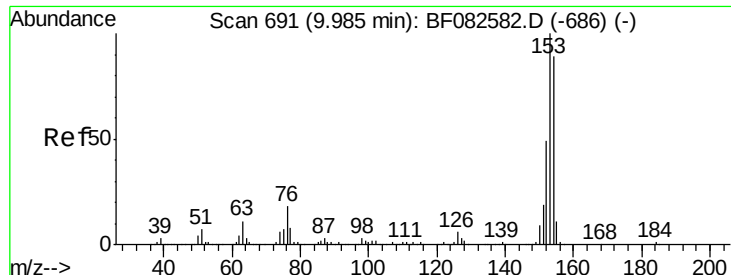


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.75 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

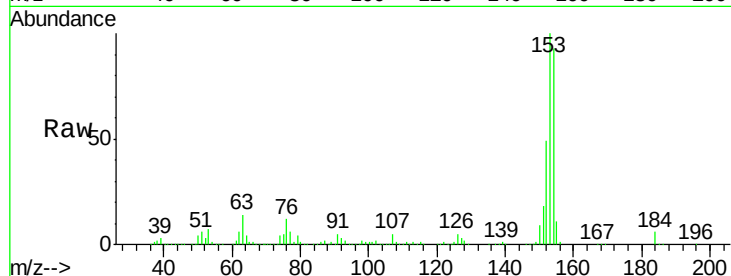
Tot Ion:154 Resp: 1183238

Ion Ratio Lower Upper

154 100

153 107.3 90.1 135.1

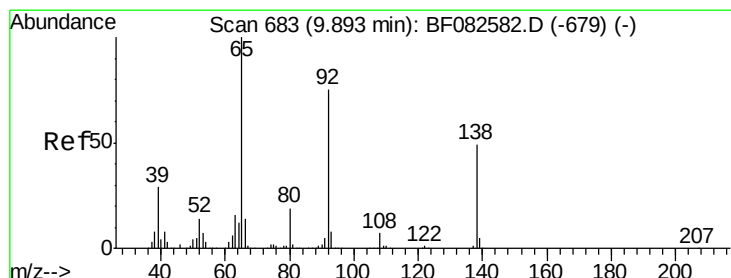
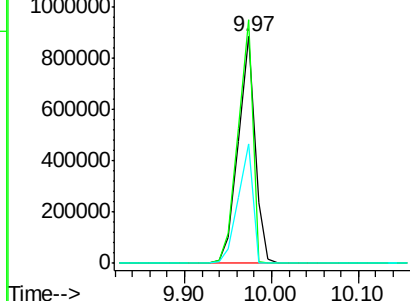
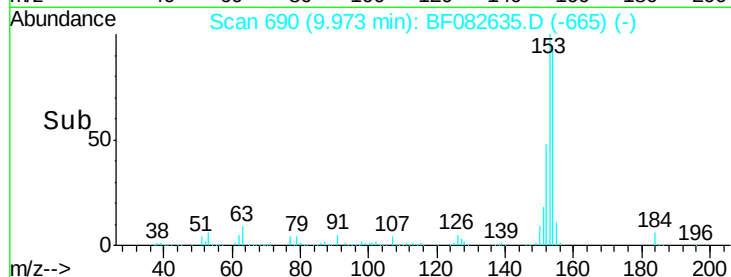
152 52.6 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.28 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

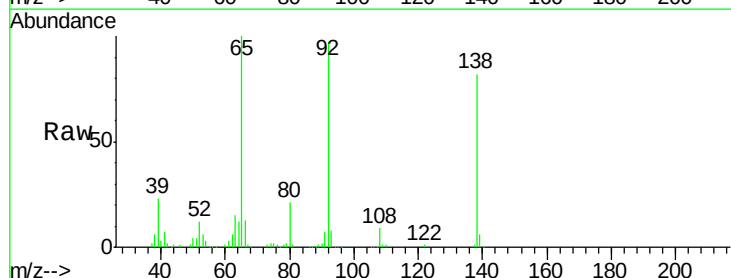
Tgt Ion:138 Resp: 169450

Ion Ratio Lower Upper

138 100

108 10.5 11.3 16.9#

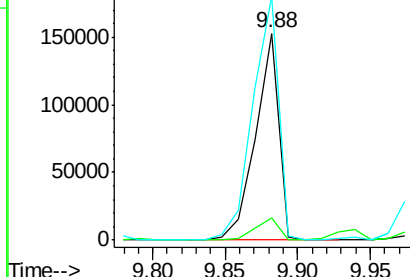
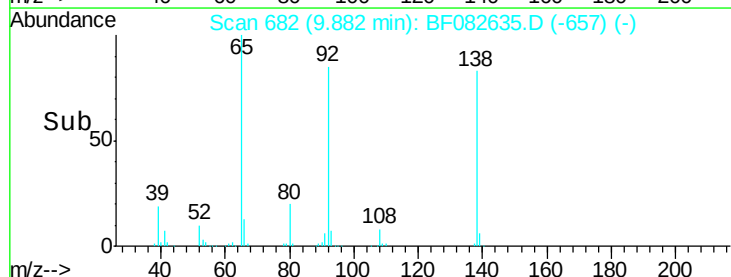
92 117.7 122.4 183.6#

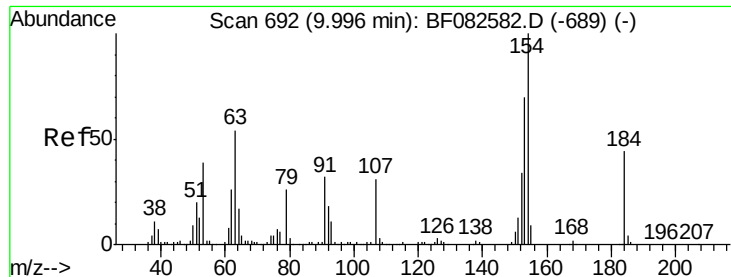


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

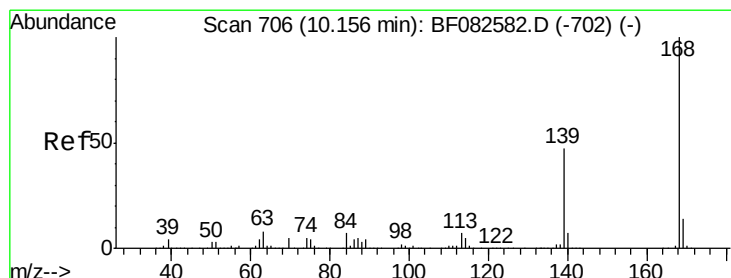
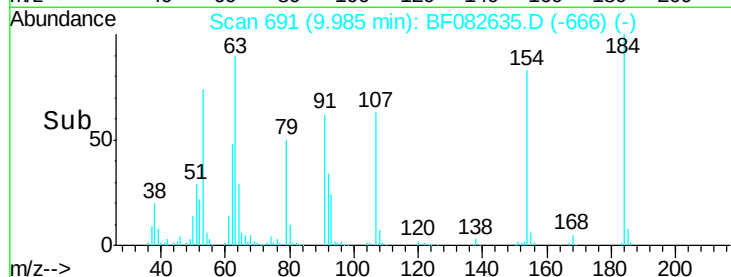
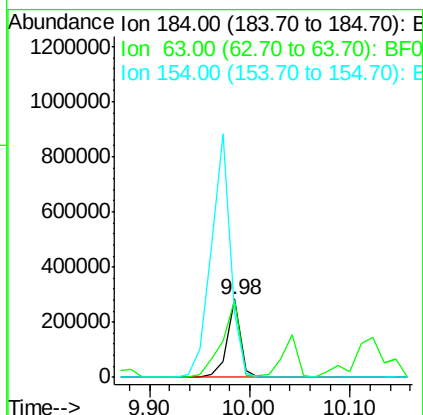
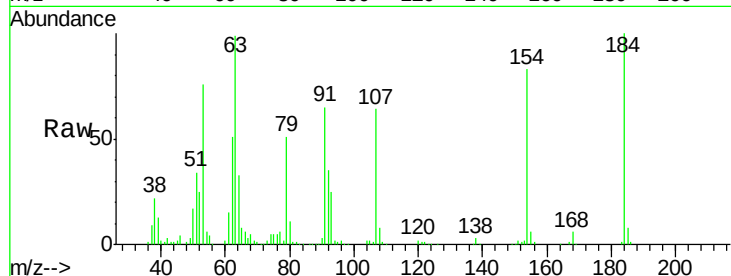




#53
2,4-Dinitrophenol
Concen: 72.65 na
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

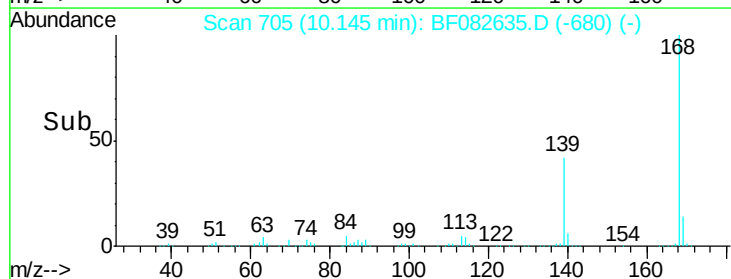
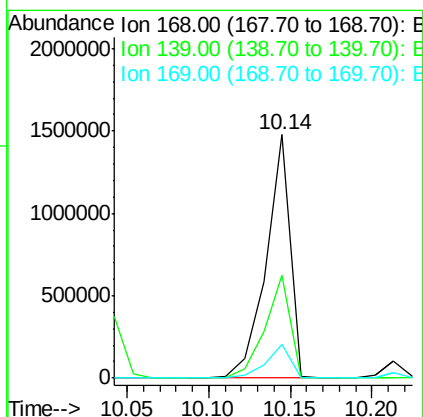
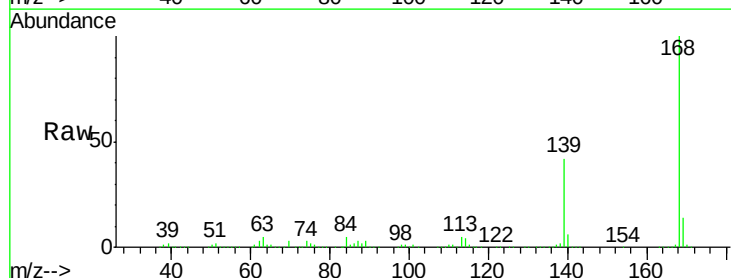
Instrument :
BNA_F
ClientSampleId :
PB86380BS

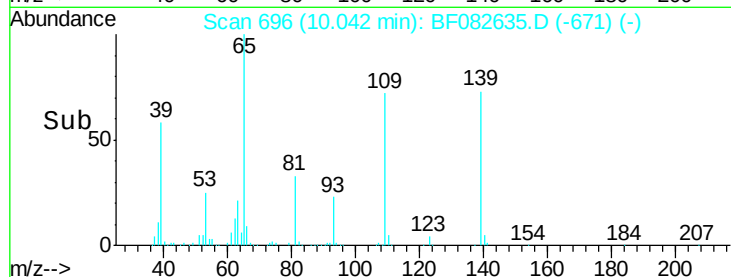
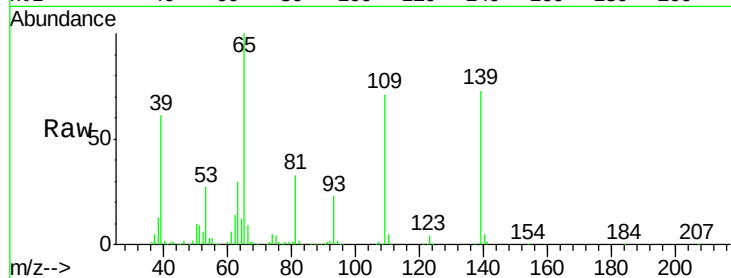
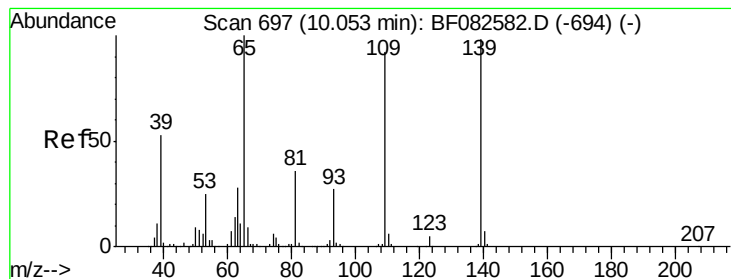
Tot Ion:184 Resp: 262136
Ion Ratio Lower Upper
184 100
63 99.5 98.6 148.0
154 82.5 183.9 275.9#



#54
Dibenzofuran
Concen: 41.20 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:168 Resp: 1512141
Ion Ratio Lower Upper
168 100
139 42.1 37.8 56.6
169 14.0 11.3 16.9





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

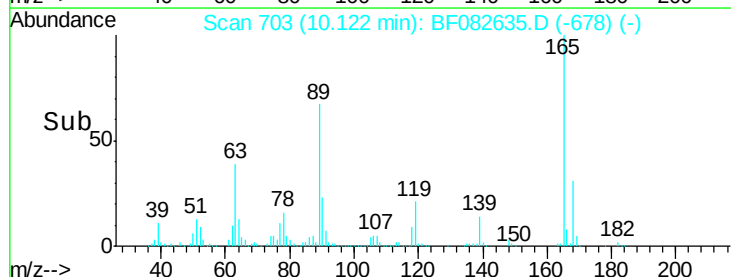
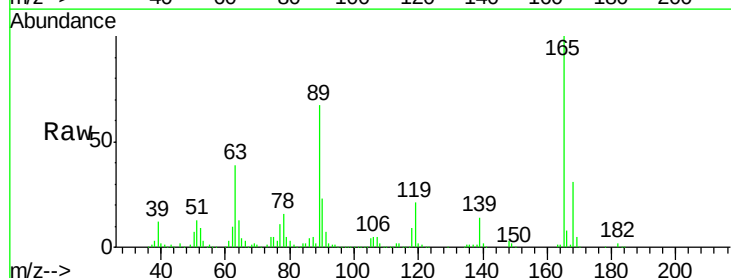
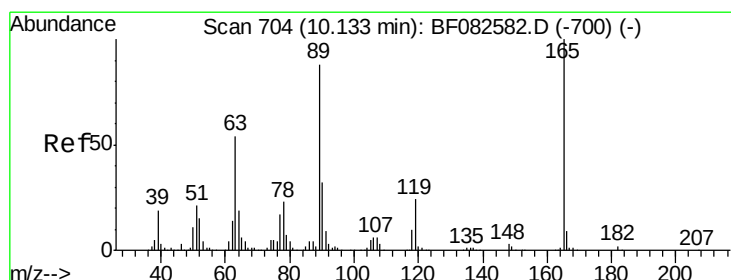
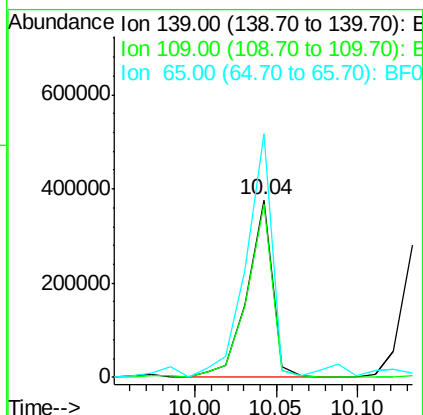
Tot Ion:139 Resp: 406480

Ion Ratio Lower Upper

139 100

109 97.7 73.7 113.7

65 137.0 82.9 122.9#



#56

2,4-Dinitrotoluene

Concen: 43.29 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Tgt Ion:165 Resp: 400217

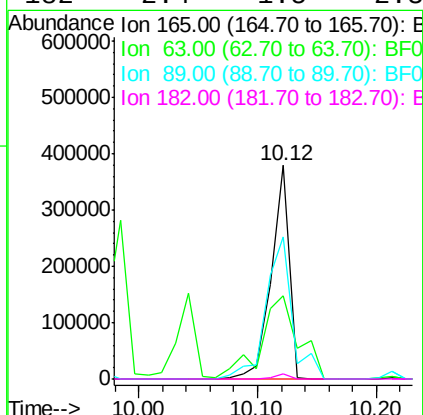
Ion Ratio Lower Upper

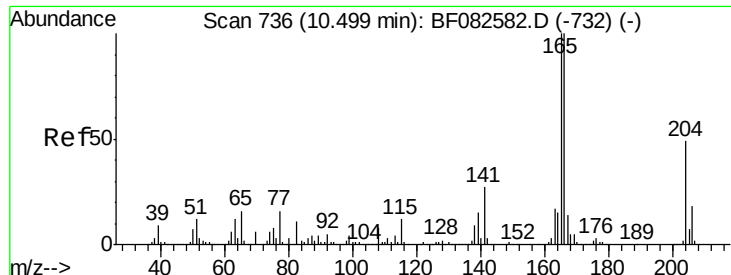
165 100

63 38.8 43.4 65.0#

89 66.7 70.6 106.0#

182 2.4 1.5 2.3#

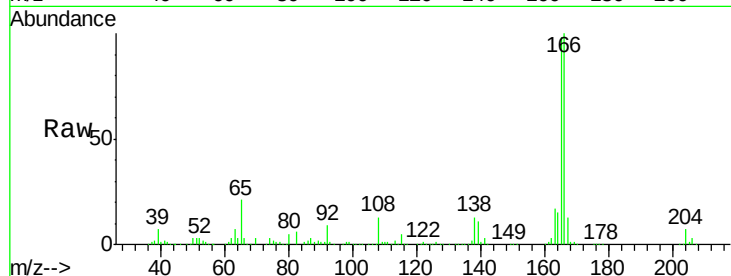




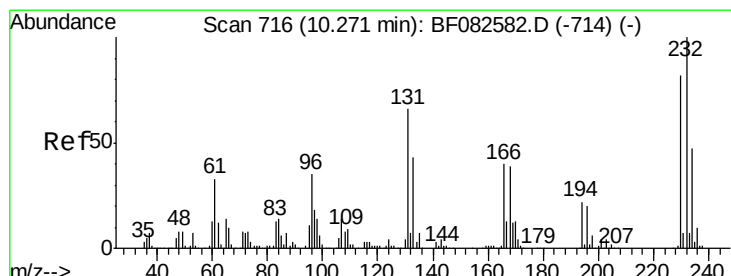
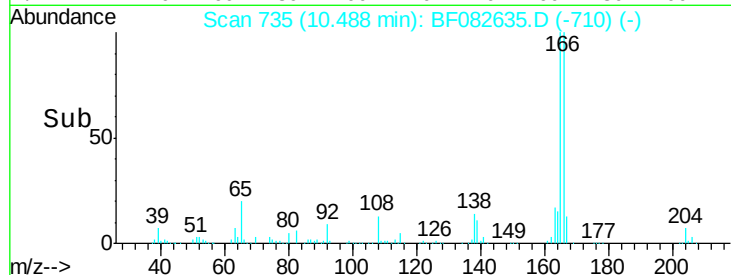
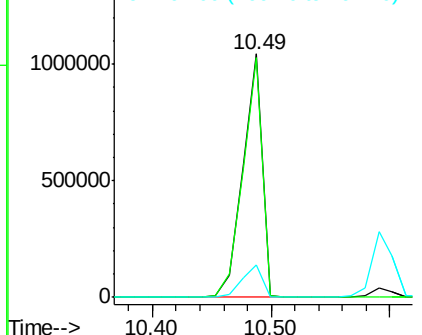
#57
 Fluorene
 Concen: 40.03 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion:166 Resp: 1185071
 Ion Ratio Lower Upper
 166 100
 165 98.3 80.2 120.4
 167 13.3 11.2 16.8

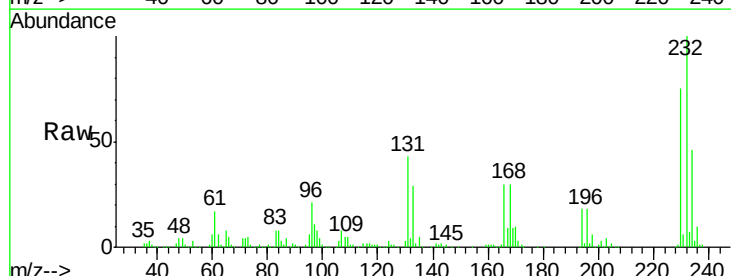


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

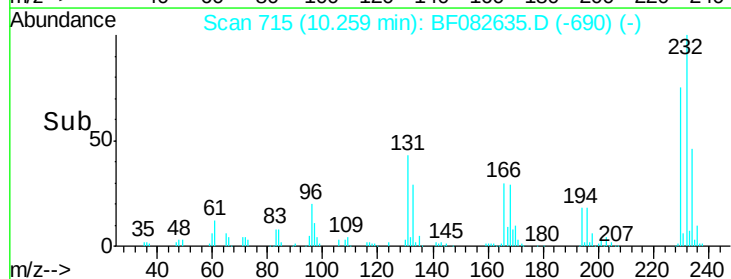
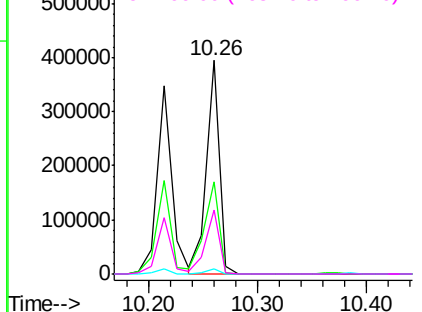


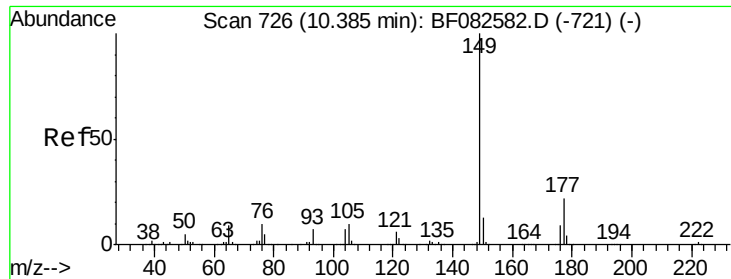
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.57 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:232 Resp: 332476
 Ion Ratio Lower Upper
 232 100
 131 48.6 46.2 69.2
 130 2.6 2.4 3.6
 166 31.8 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: 36.17 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

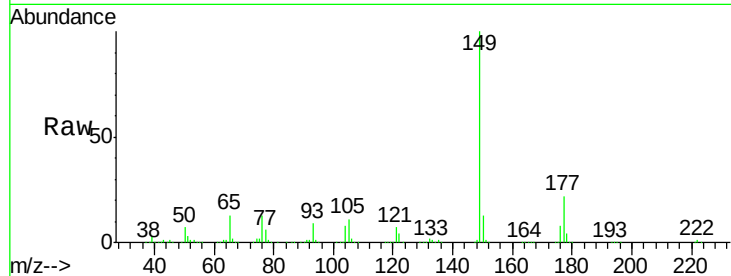
Tot Ion:149 Resp: 1214687

Ion Ratio Lower Upper

149 100

177 21.7 17.9 26.9

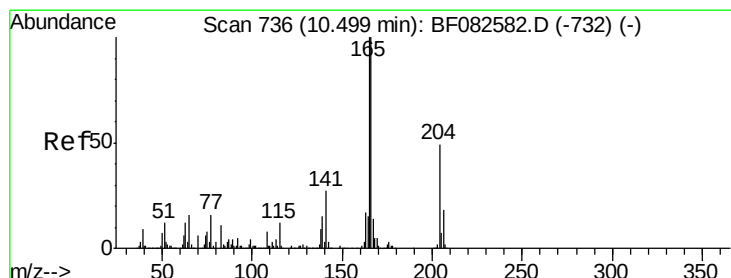
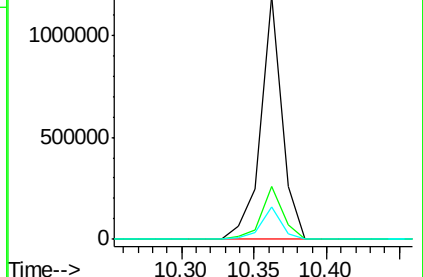
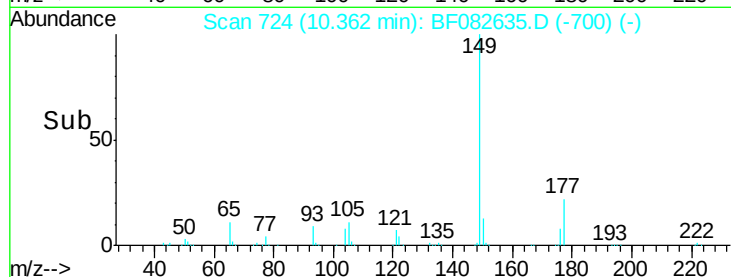
150 13.3 10.1 15.1



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: 36.80 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

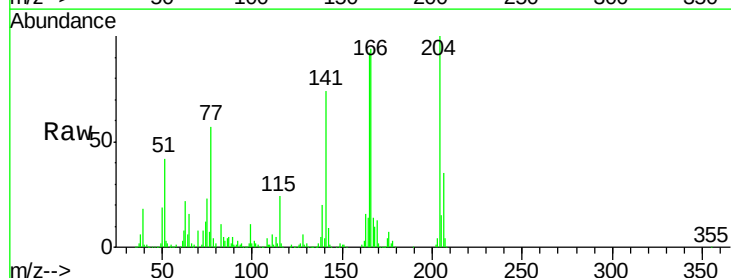
Tgt Ion:204 Resp: 529580

Ion Ratio Lower Upper

204 100

206 34.6 28.5 42.7

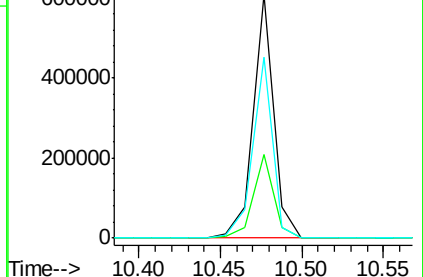
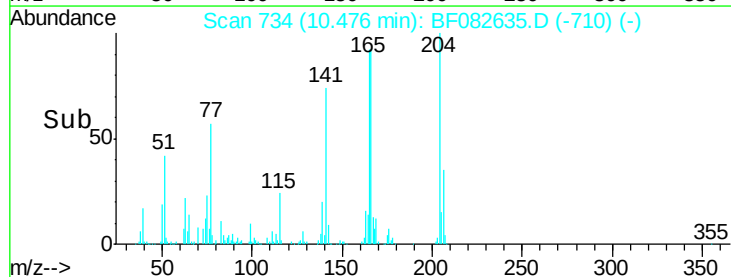
141 74.4 44.6 66.8#

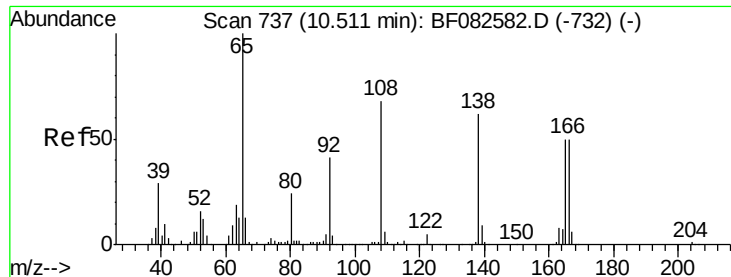


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

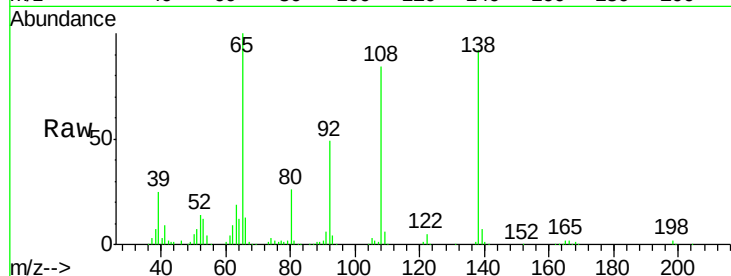




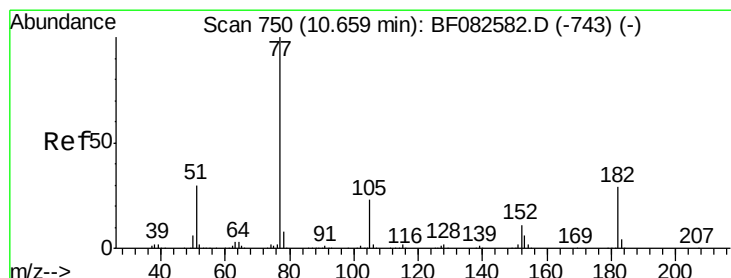
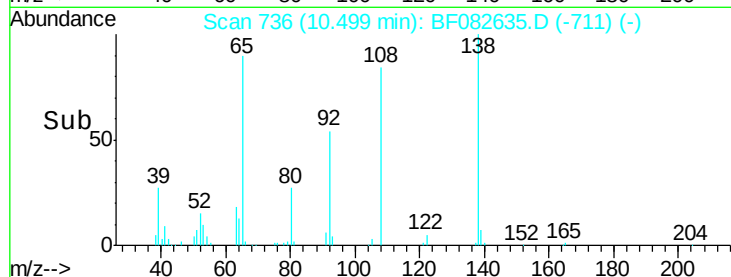
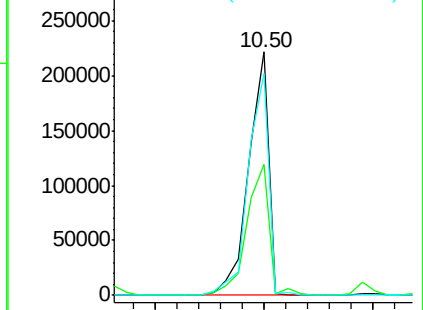
#61
4-Nitroaniline
Concen: 39.06 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Instrument :
BNA_F
ClientSampleId :
PB86380BS

Tot Ion:138 Resp: 283528
Ion Ratio Lower Upper
138 100
92 53.6 45.8 85.8
108 91.3 89.4 129.4

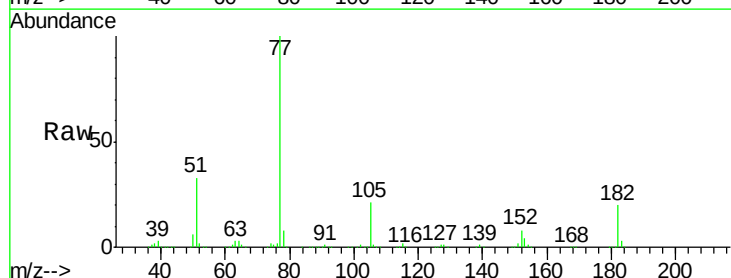


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

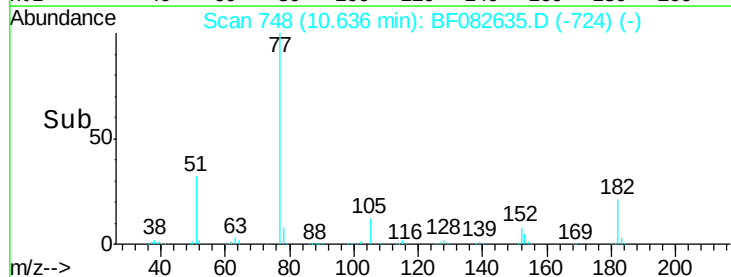
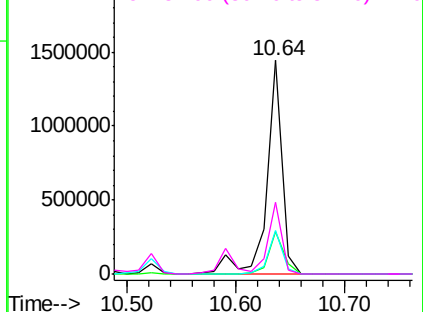


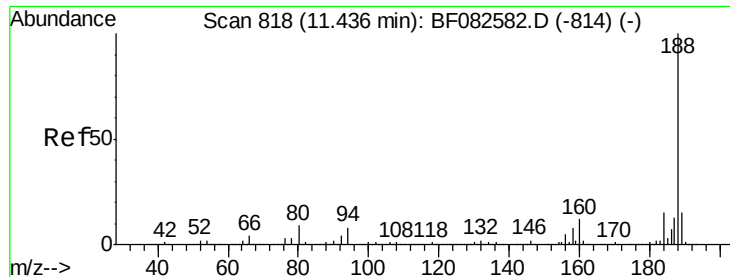
#62
Azobenzene
Concen: 38.27 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion: 77 Resp: 1449039
Ion Ratio Lower Upper
77 100
182 19.8 9.3 49.3
105 20.6 2.6 42.6
51 33.4 9.9 49.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

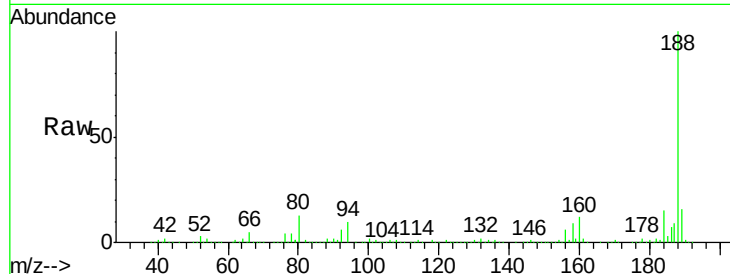




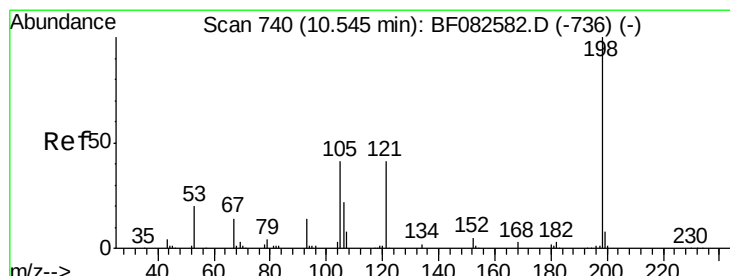
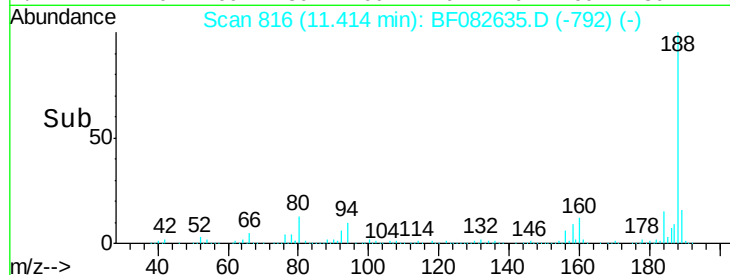
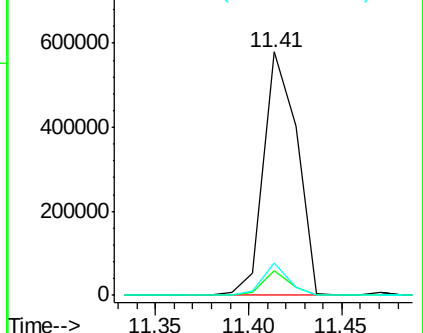
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion:188 Resp: 718034
 Ion Ratio Lower Upper
 188 100
 94 10.4 6.1 9.1#
 80 13.1 7.0 10.6#

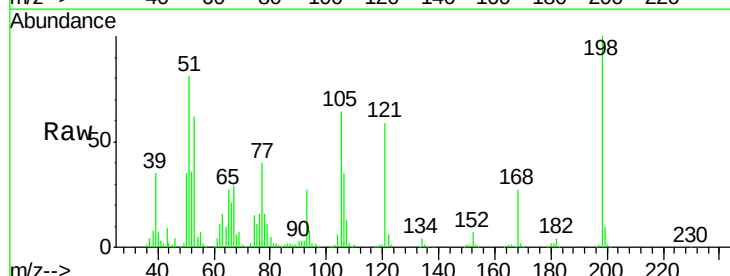


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

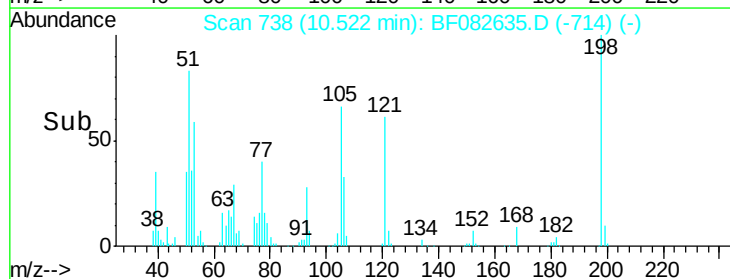
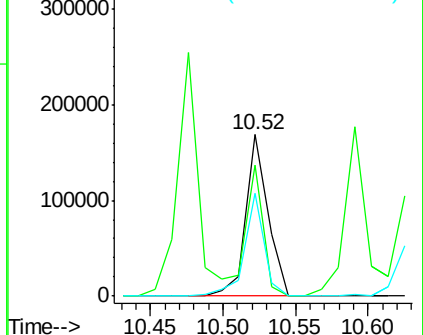


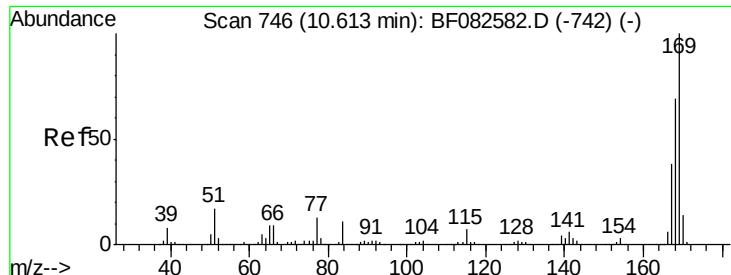
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.46 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:198 Resp: 179550
 Ion Ratio Lower Upper
 198 100
 51 81.2 17.3 57.3#
 105 64.0 21.7 61.7#



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





#65

n-Nitrosodiphenylamine

Concen: 38.21 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

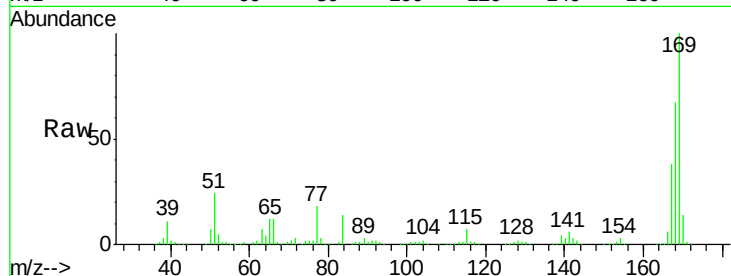
Tot Ion:169 Resp: 943112

Ion Ratio Lower Upper

169 100

168 66.9 55.0 82.6

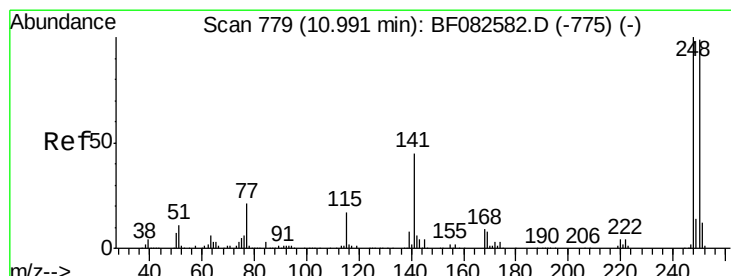
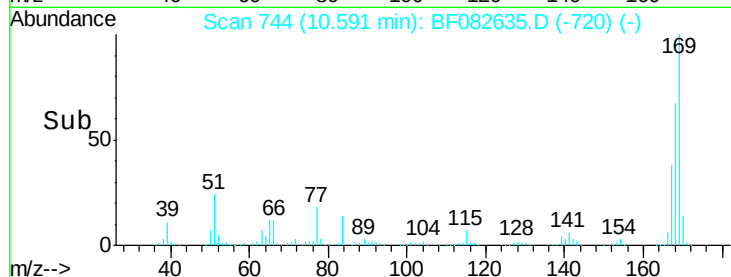
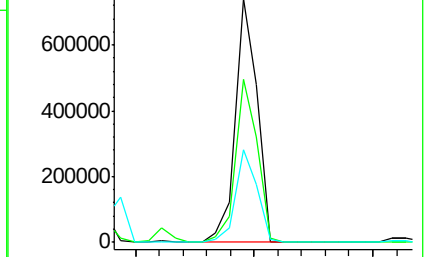
167 37.8 30.5 45.7



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: 43.11 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

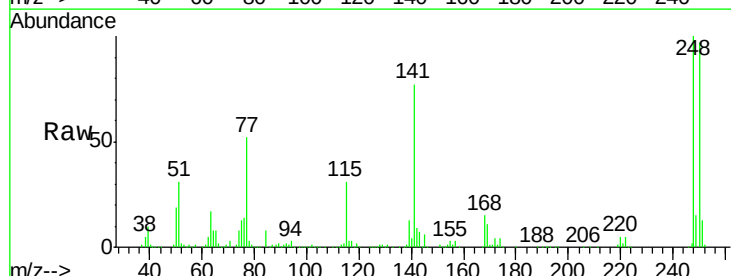
Tgt Ion:248 Resp: 350829

Ion Ratio Lower Upper

248 100

250 97.2 79.4 119.2

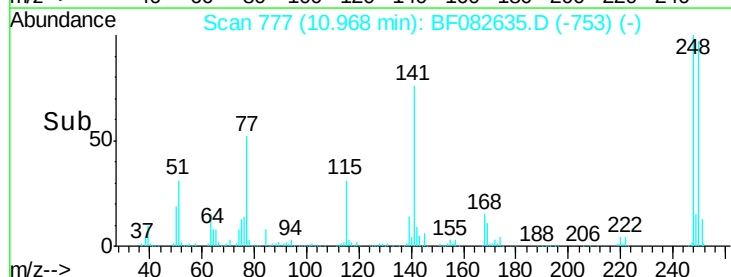
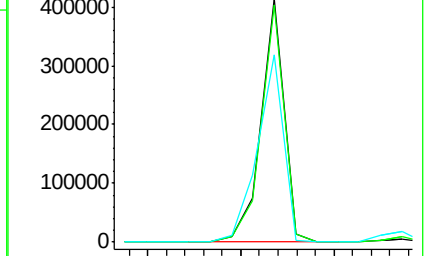
141 77.2 36.3 54.5#

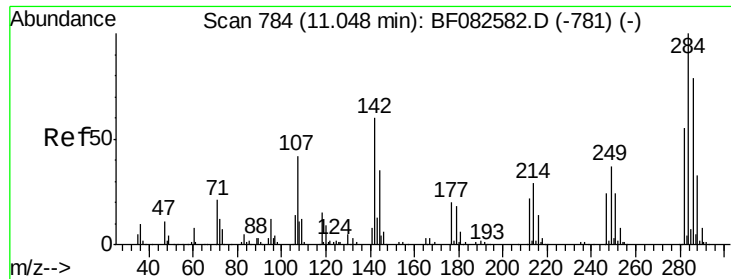


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.62 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

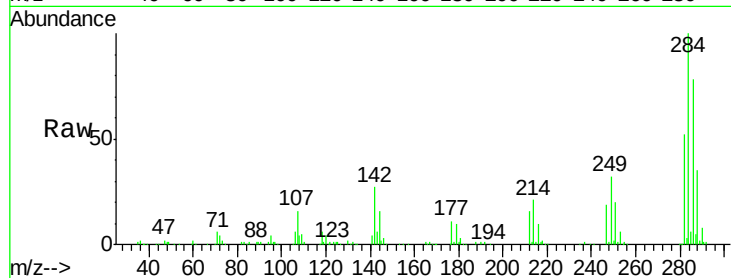
Tot Ion:284 Resp: 402609

Ion Ratio Lower Upper

284 100

142 26.9 47.9 71.9#

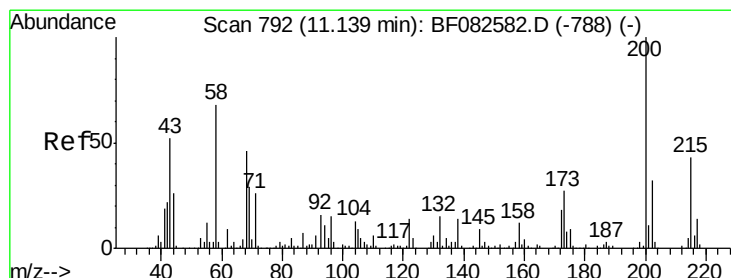
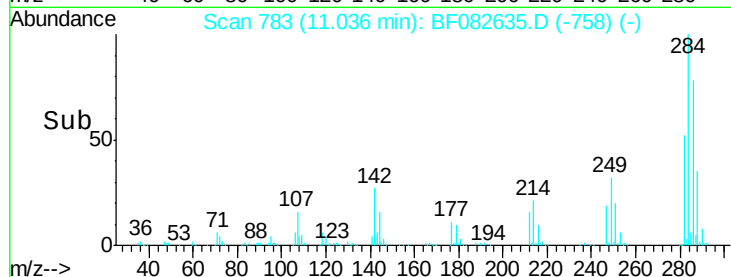
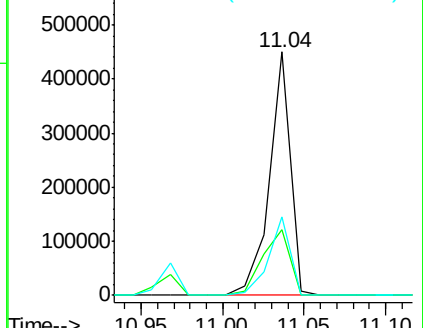
249 32.5 29.7 44.5



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: 47.16 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

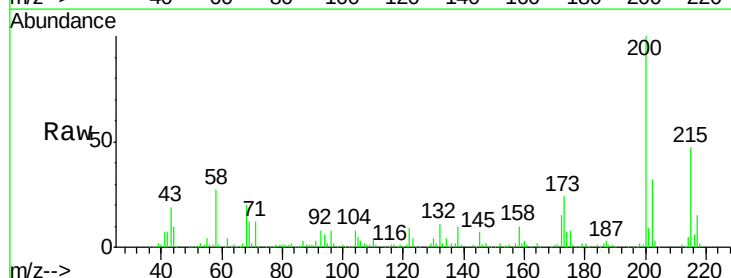
Tgt Ion:200 Resp: 380830

Ion Ratio Lower Upper

200 100

173 24.2 6.9 46.9

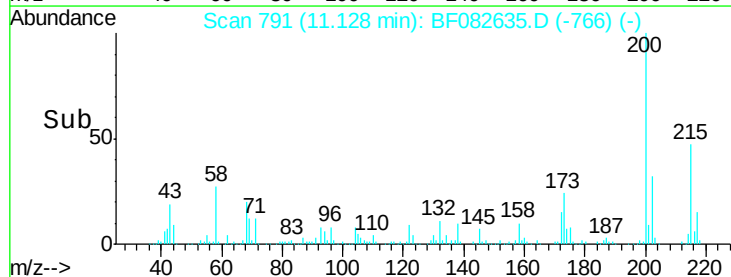
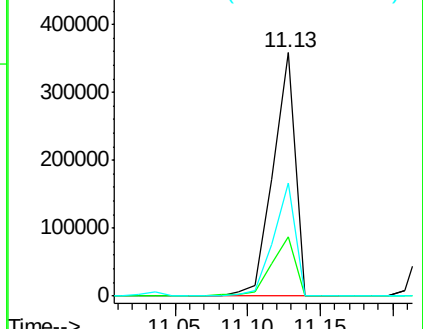
215 46.5 22.9 62.9

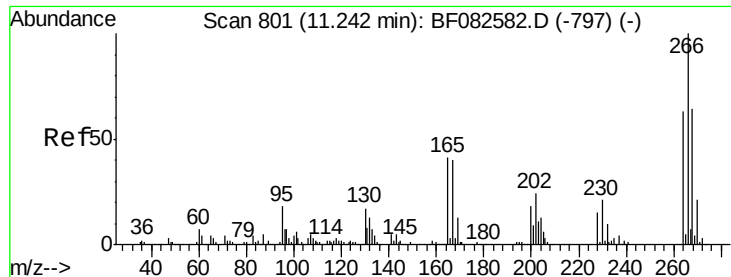


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

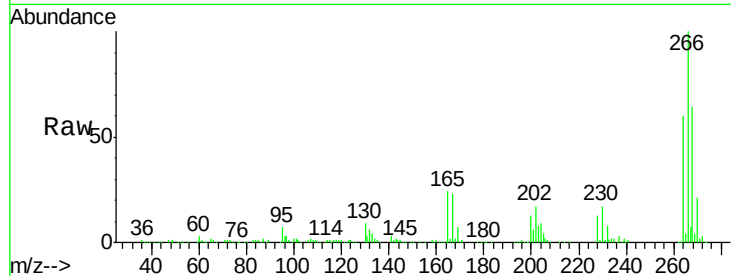




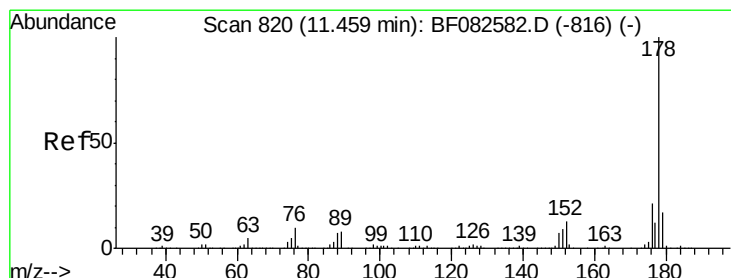
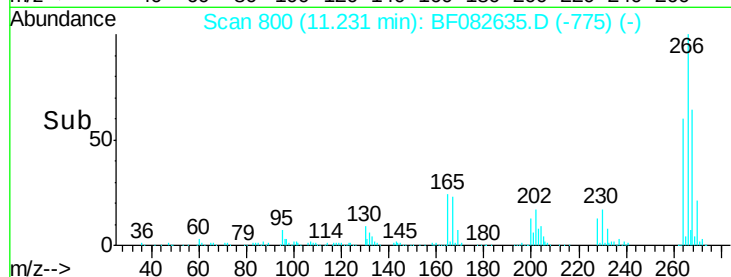
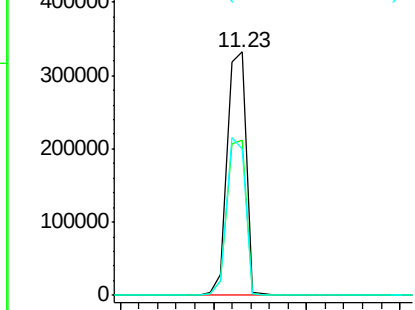
#69
 Pentachlorophenol
 Concen: 80.11 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion:266 Resp: 476609
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 60.3 50.6 75.8

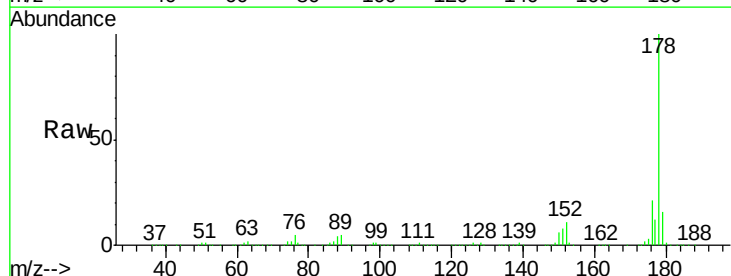


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

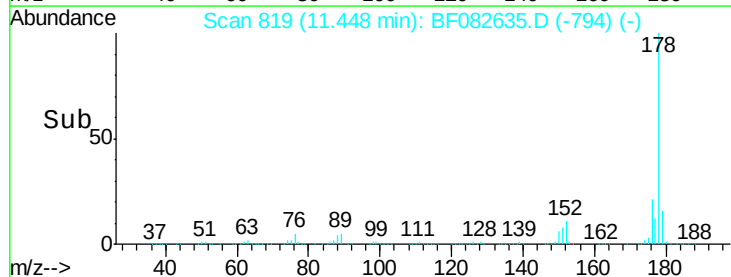
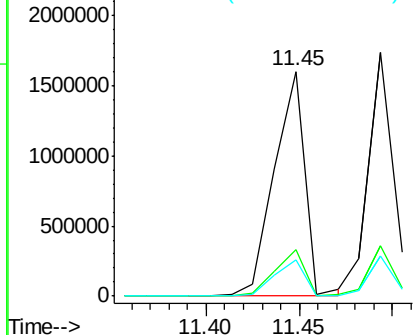


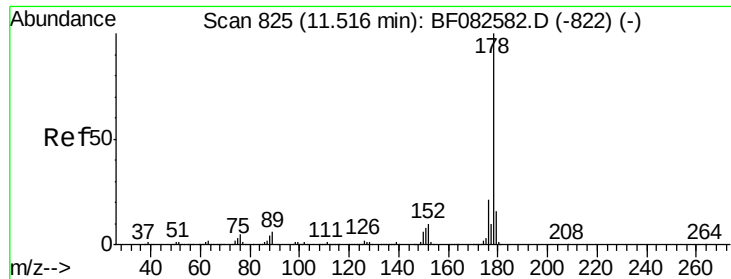
#70
 Phenanthrene
 Concen: 45.04 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:178 Resp: 1824125
 Ion Ratio Lower Upper
 178 100
 176 20.7 17.0 25.4
 179 16.0 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

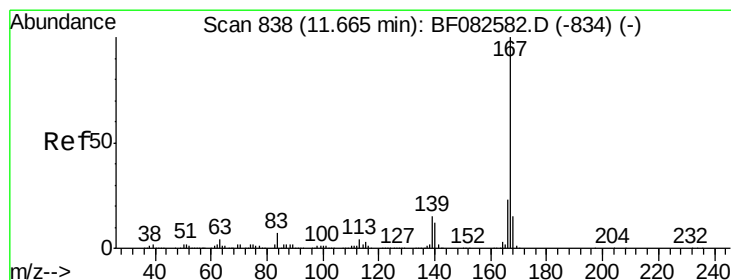
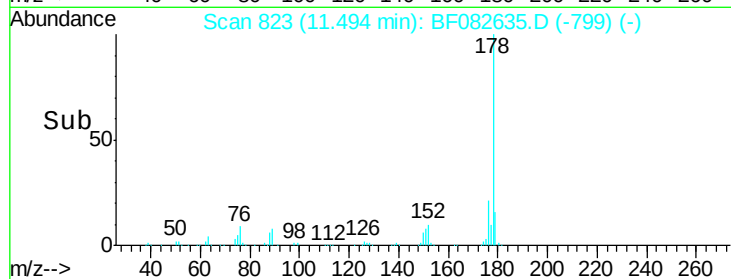
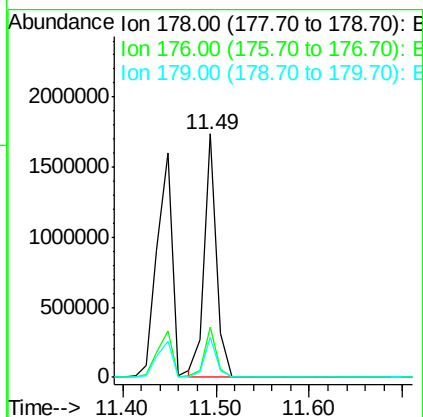
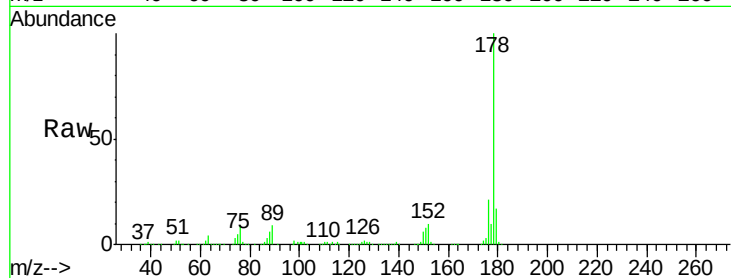




#71
 Anthracene
 Concen: 39.11 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

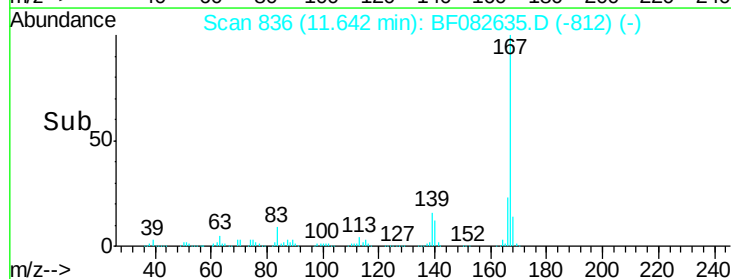
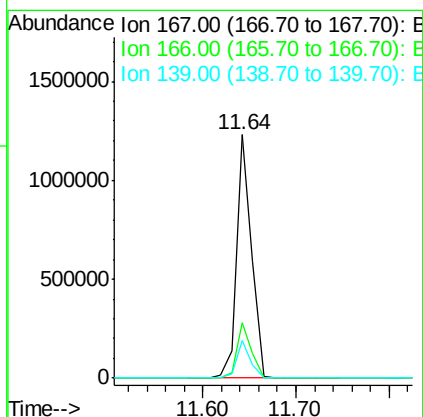
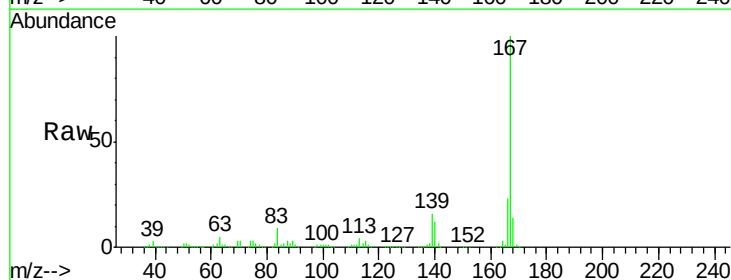
Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

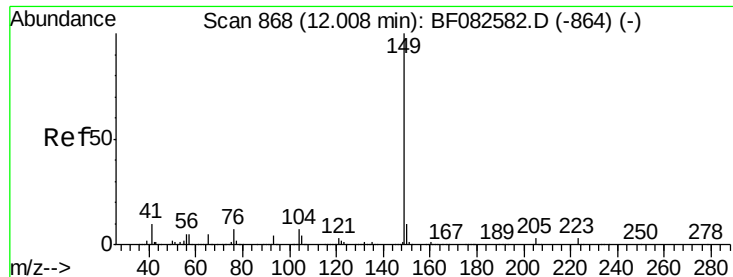
Tot Ion:178 Resp: 1594897
 Ion Ratio Lower Upper
 178 100
 176 20.8 16.5 24.7
 179 16.6 13.2 19.8



#72
 Carbazole
 Concen: 38.36 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion:167 Resp: 1362477
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.7 28.1
 139 15.6 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.10 ng

RT: 11.99 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

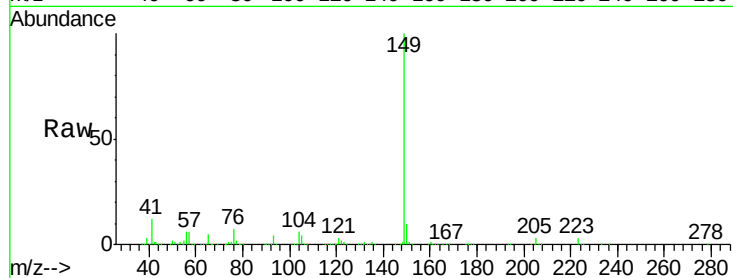
Tot Ion:149 Resp: 1767914

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

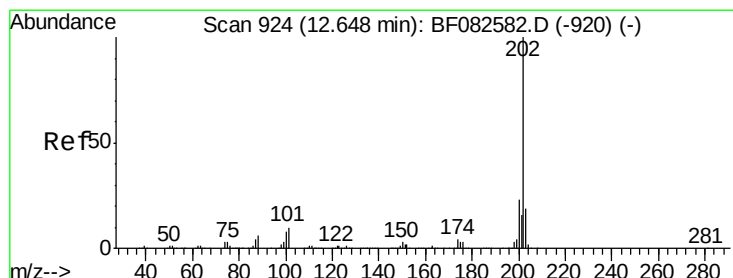
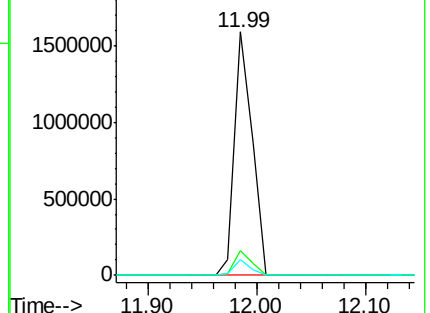
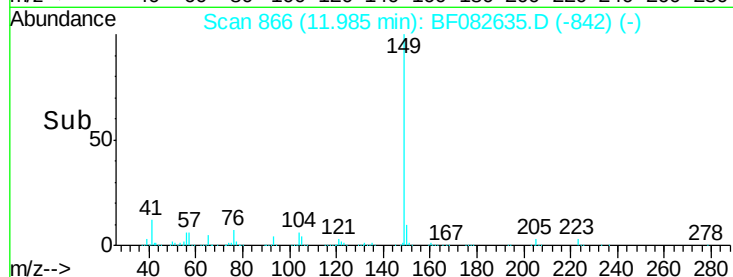
104 6.5 5.2 7.8



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: 43.28 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

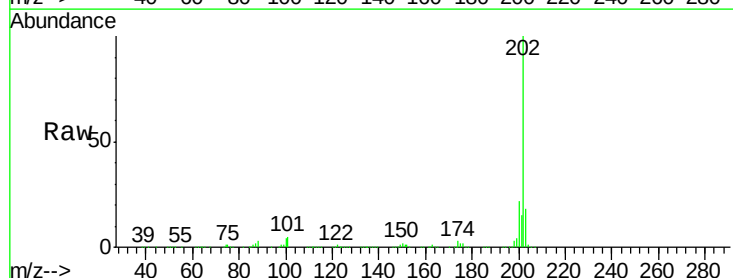
Tgt Ion:202 Resp: 1791752

Ion Ratio Lower Upper

202 100

101 5.4 0.0 30.5

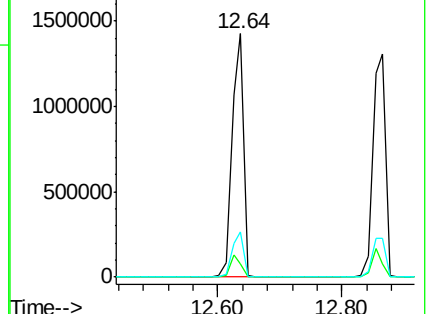
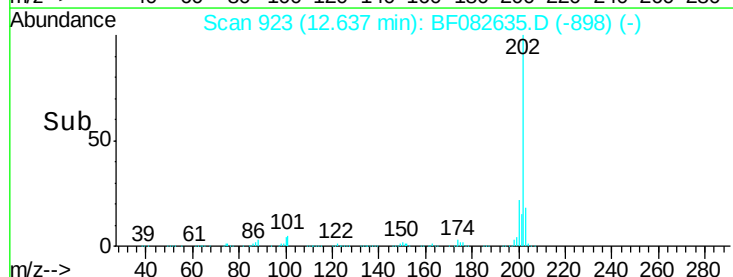
203 18.4 0.0 38.5

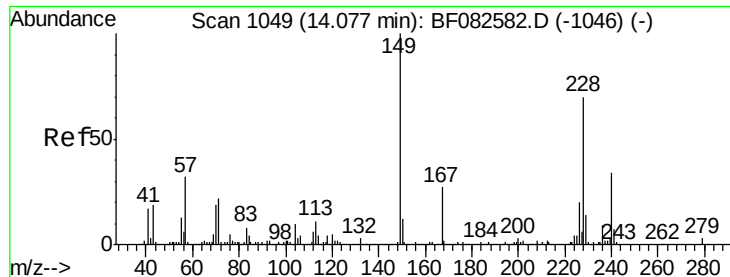


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampled :

PB86380BS

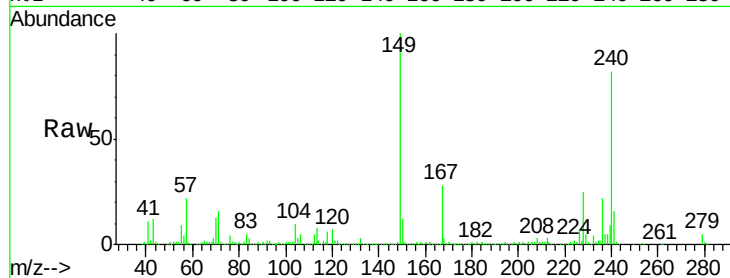
Tot Ion:240 Resp: 685828

Ion Ratio Lower Upper

240 100

120 8.5 10.9 16.3#

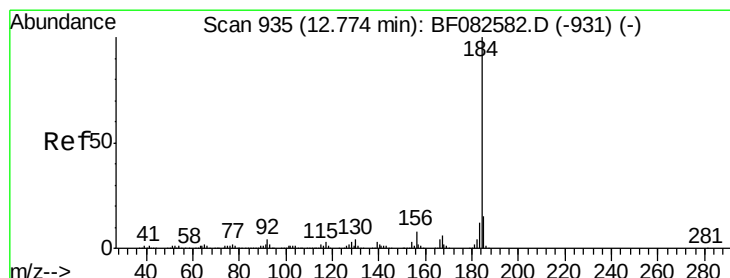
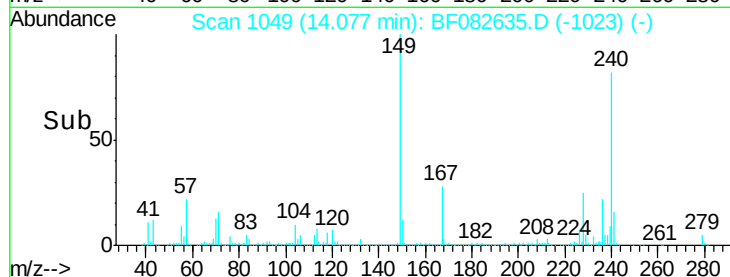
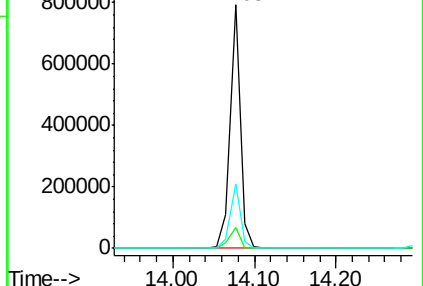
236 26.4 21.6 32.4



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: 21.37 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

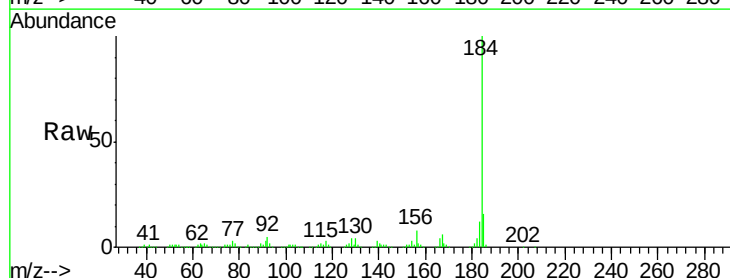
Tgt Ion:184 Resp: 661061

Ion Ratio Lower Upper

184 100

185 15.6 12.0 18.0

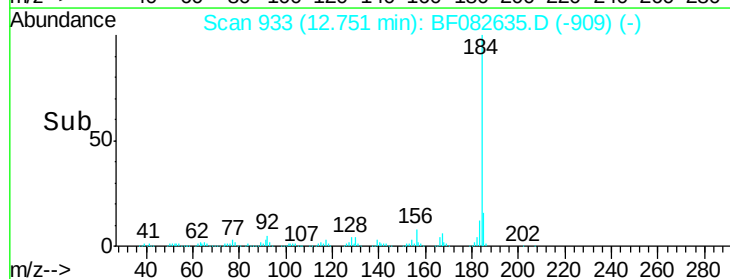
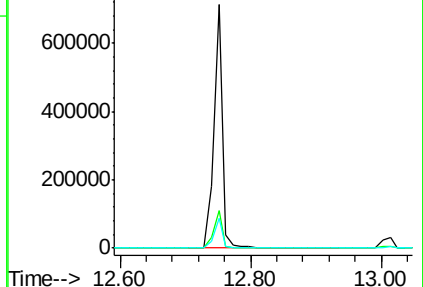
183 12.1 9.6 14.4

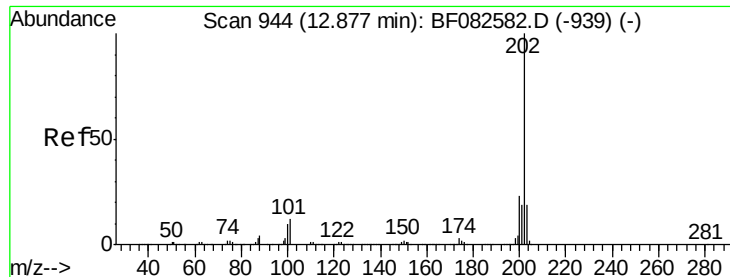


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.88 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

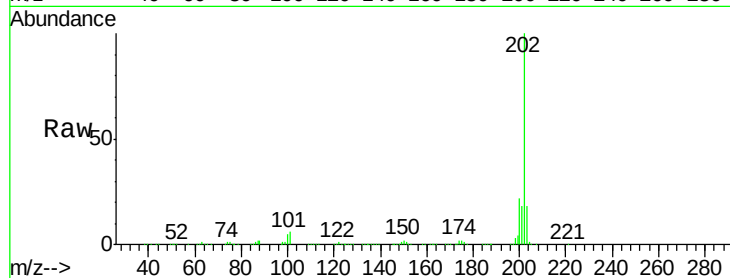
Tot Ion:202 Resp: 1822070

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

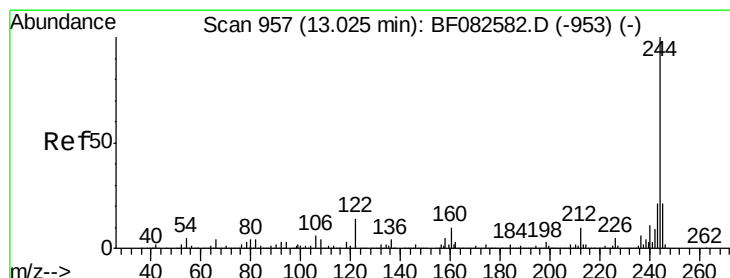
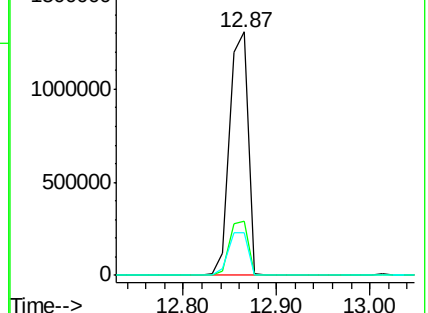
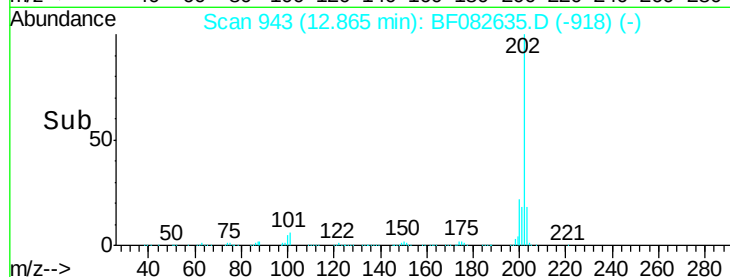
203 17.7 14.8 22.2



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: 78.23 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

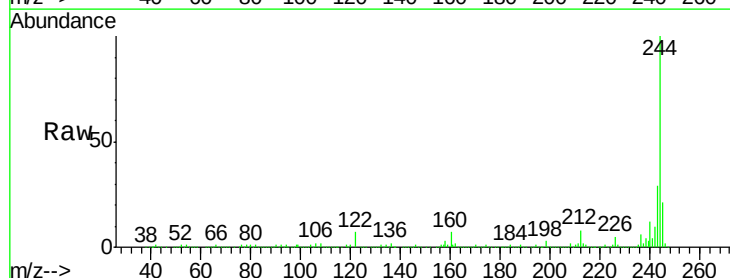
Tgt Ion:244 Resp: 2451703

Ion Ratio Lower Upper

244 100

212 8.1 7.6 11.4

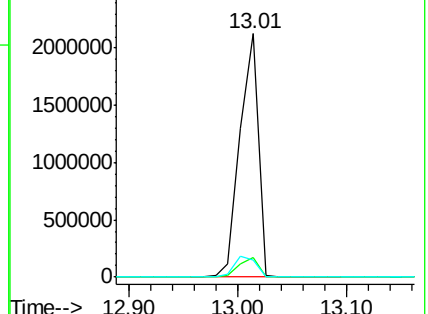
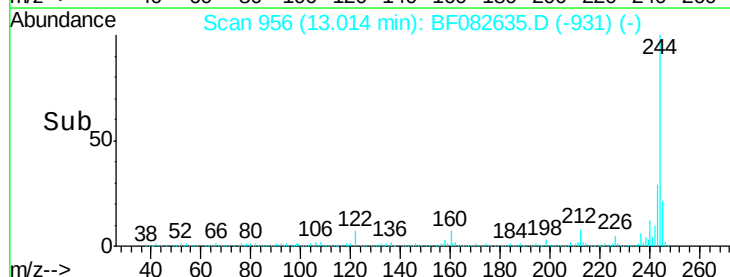
122 6.8 11.3 16.9#

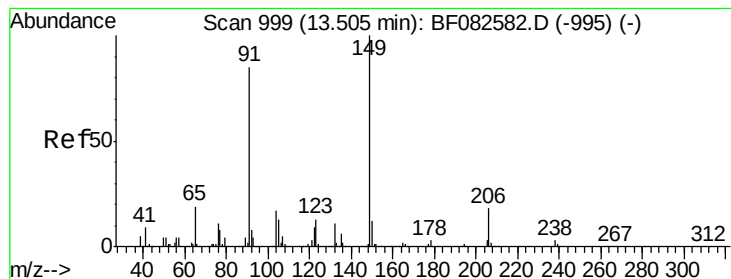


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 39.11 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

BNA_F

ClientSampleId :

PB86380BS

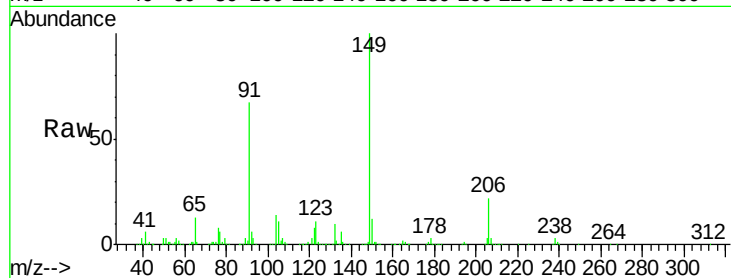
Tot Ion:149 Resp: 870022

Ion Ratio Lower Upper

149 100

91 67.0 67.7 101.5#

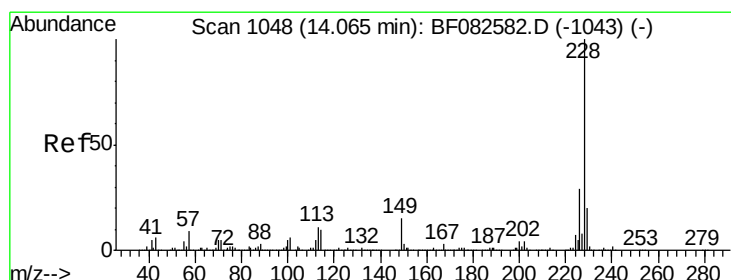
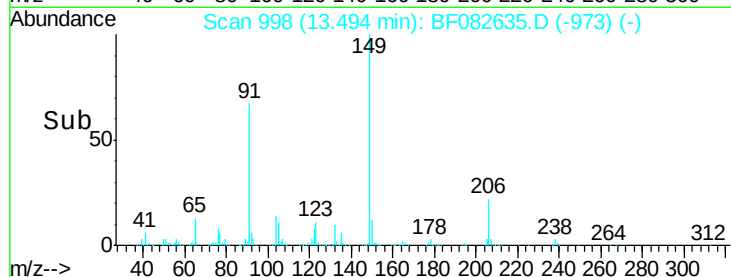
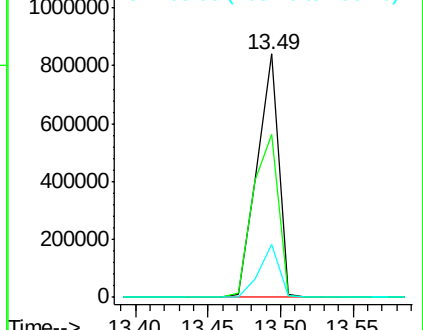
206 21.9 14.6 22.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.21 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

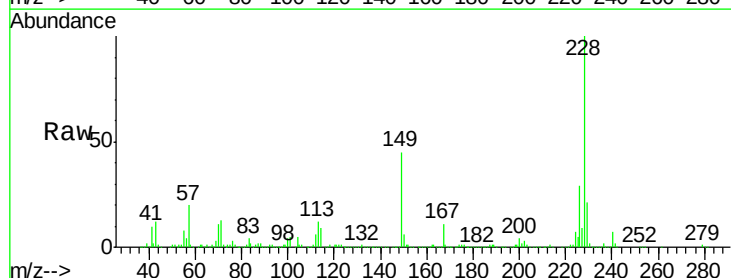
Tgt Ion:228 Resp: 1664765

Ion Ratio Lower Upper

228 100

226 28.7 23.4 35.2

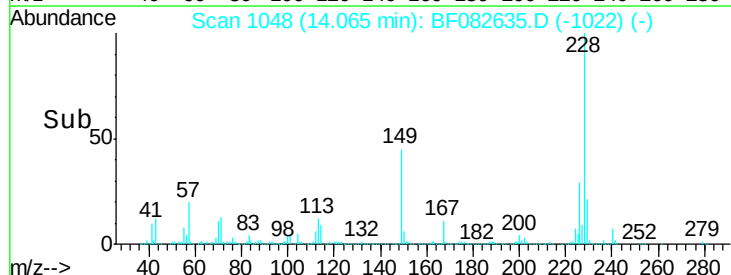
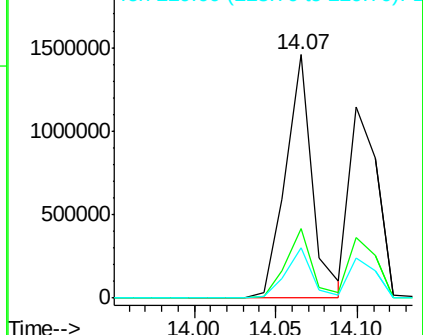
229 20.8 16.3 24.5

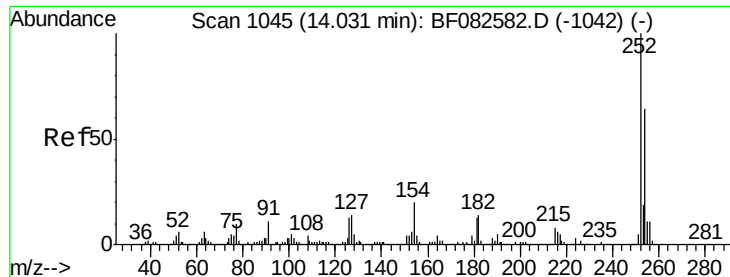


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

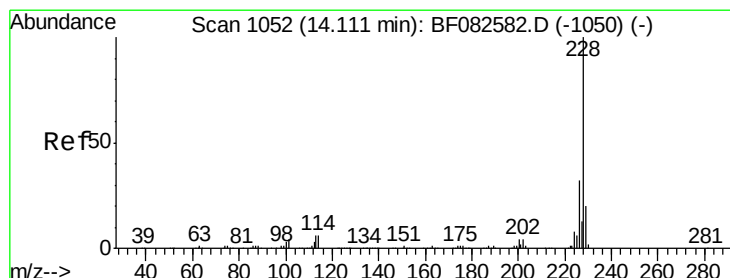
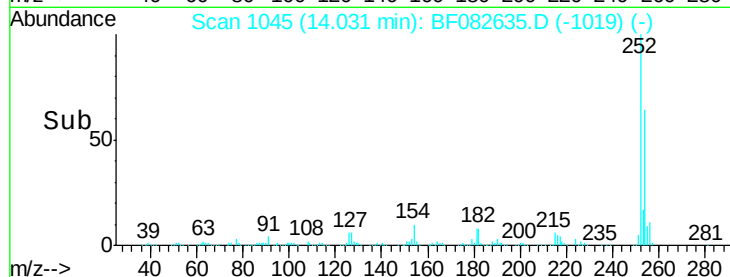
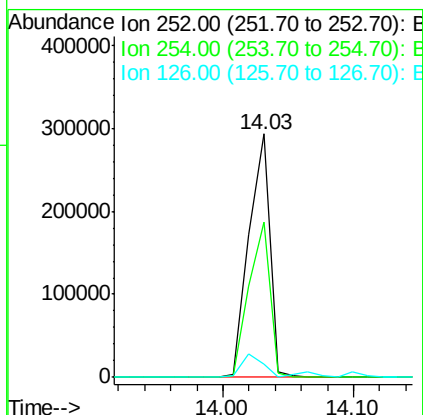
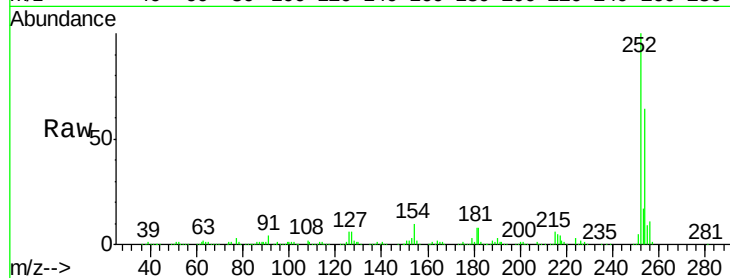




#81
 3,3'-Dichlorobenzidine
 Concen: 21.97 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

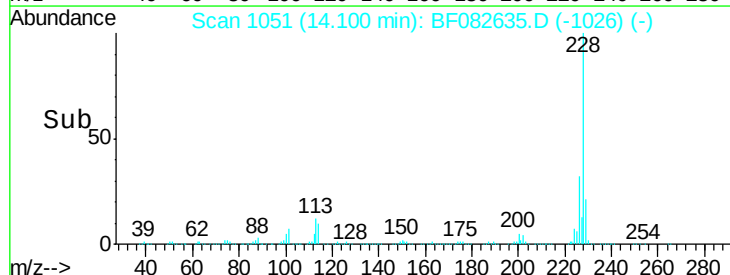
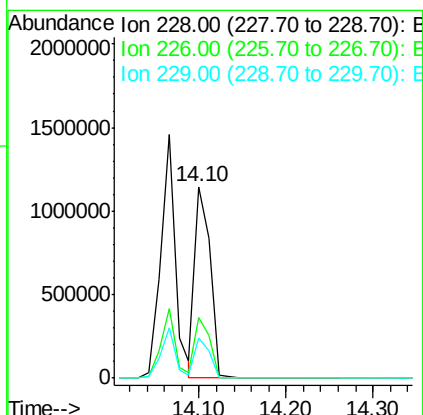
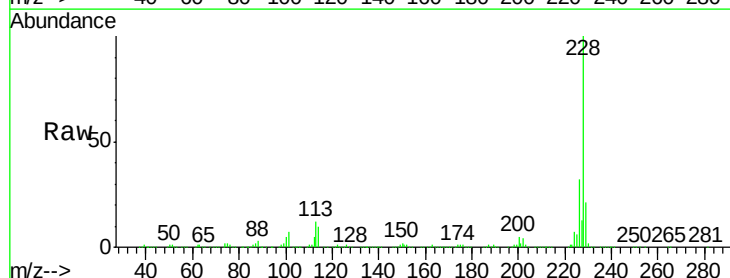
Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

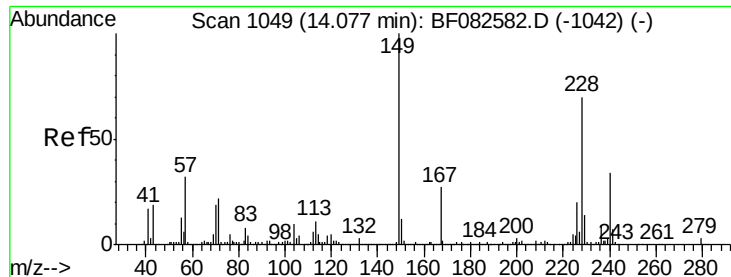
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	5.6	10.7	16.1#



#82
 Chrysene
 Concen: 35.10 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	20.7	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.88 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

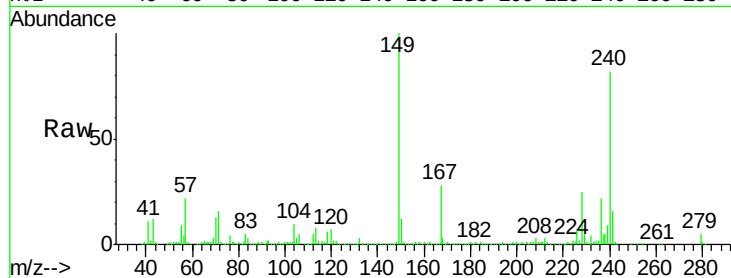
BNA_F

ClientSampleId :

PB86380BS

Tot Ion:149 Resp: 1149953

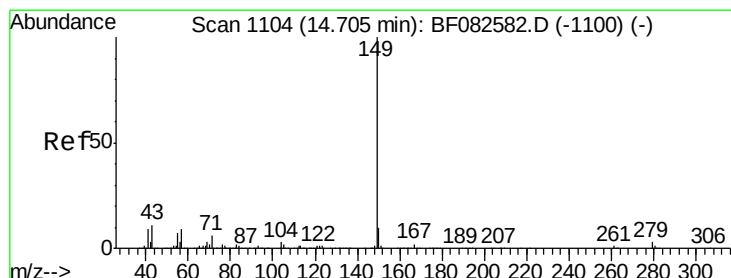
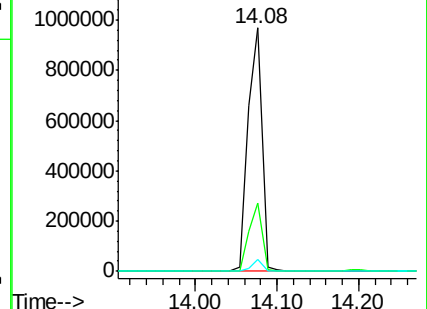
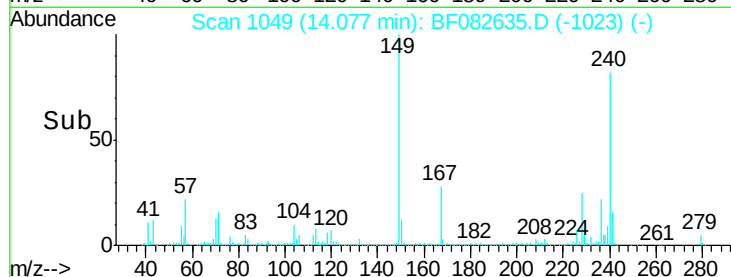
Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.2	31.8
279	4.8	2.2	3.2



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: 39.95 ng

RT: 14.72 min Scan# 1105

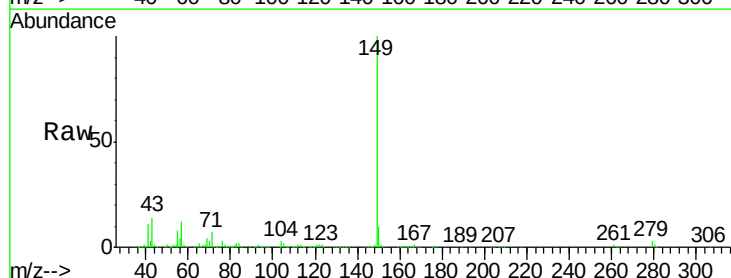
Delta R.T. 0.01 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Tgt Ion:149 Resp: 1796887

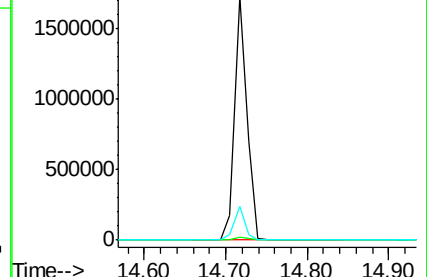
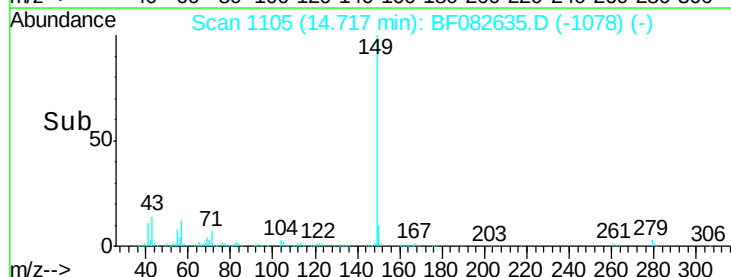
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	12.2	10.1	15.1

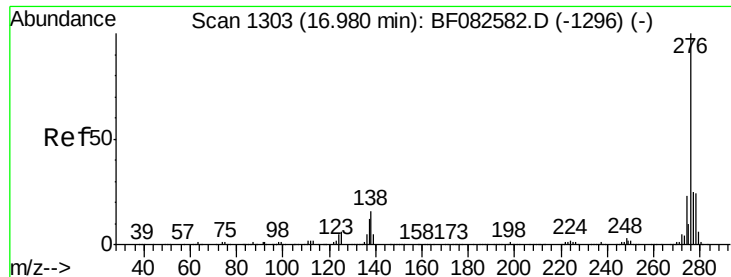


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

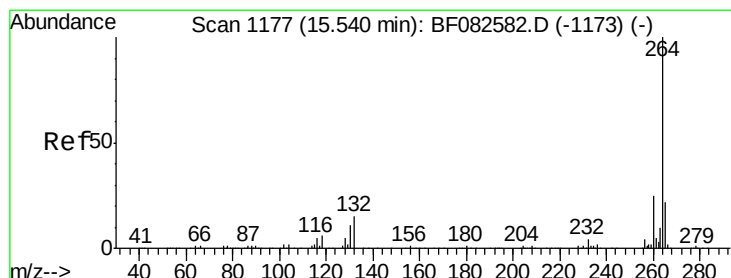
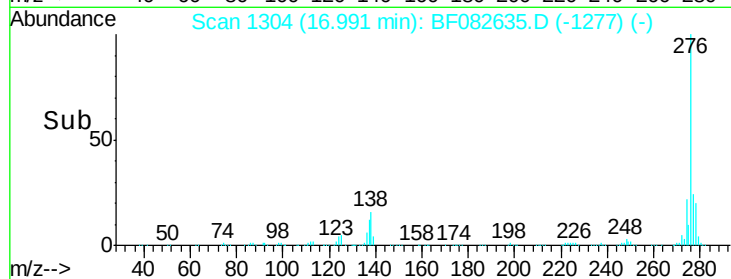
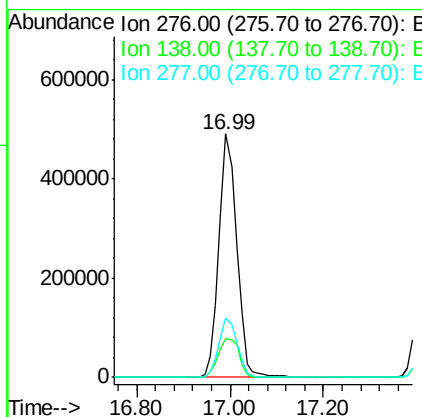
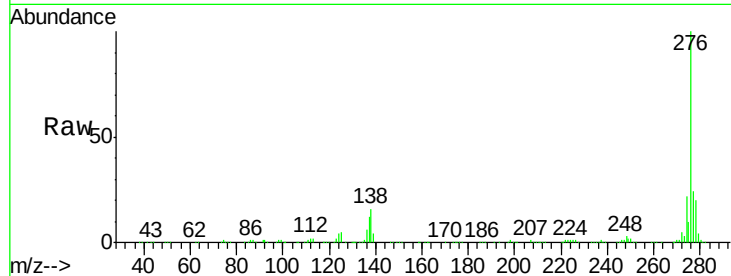




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.13 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

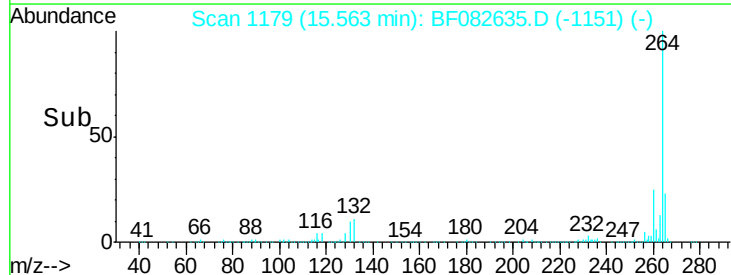
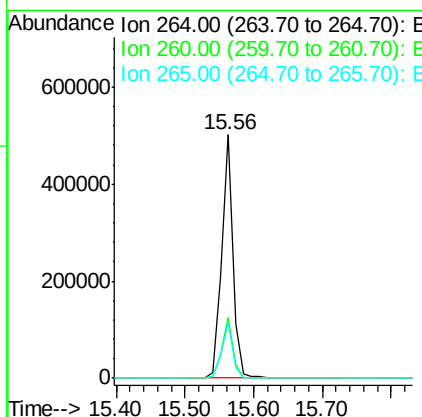
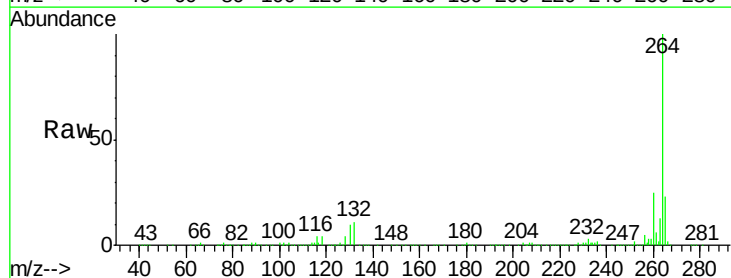
Instrument :
BNA_F
ClientSampleId :
PB86380BS

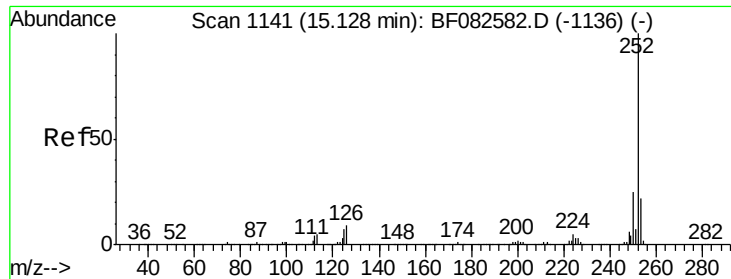
Tot Ion:276 Resp: 1307760
Ion Ratio Lower Upper
276 100
138 18.7 15.3 22.9
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:264 Resp: 586375
Ion Ratio Lower Upper
264 100
260 25.1 19.8 29.6
265 22.7 17.4 26.0

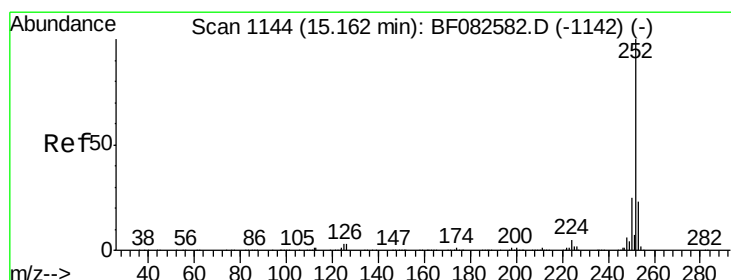
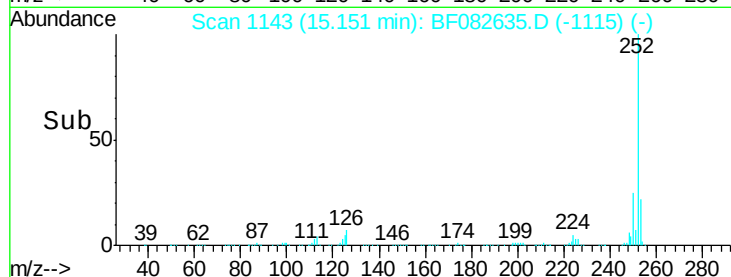
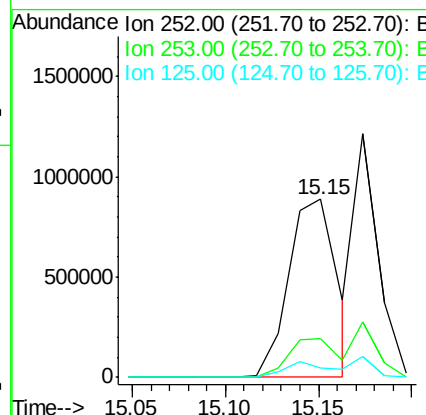
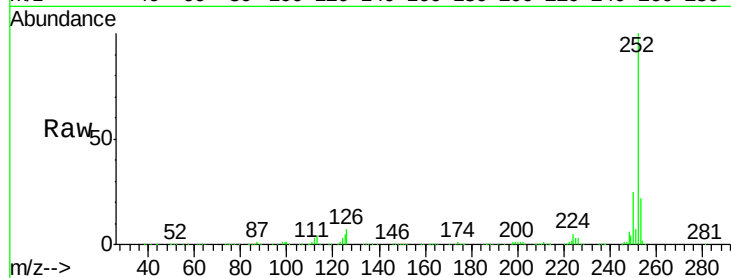




#87
Benzo(b)fluoranthene
Concen: 39.63 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.02 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

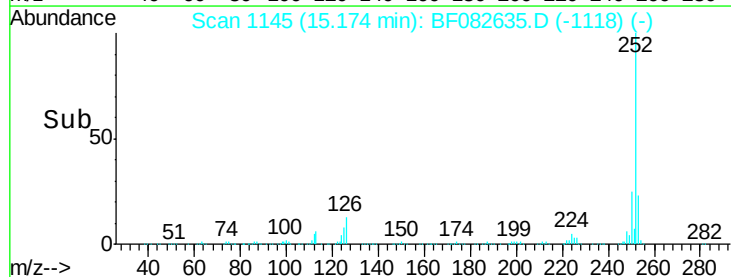
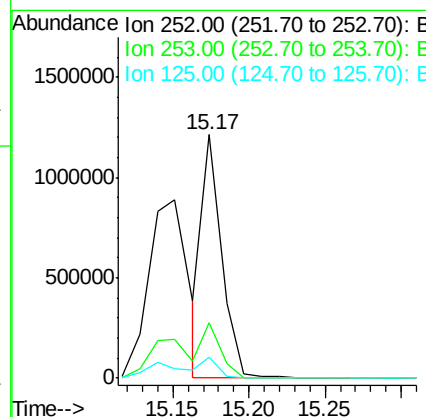
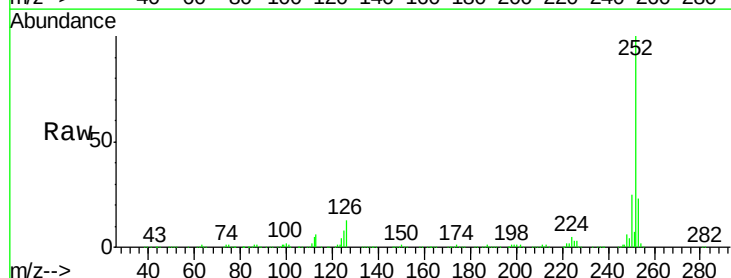
Instrument :
BNA_F
ClientSampleId :
PB86380BS

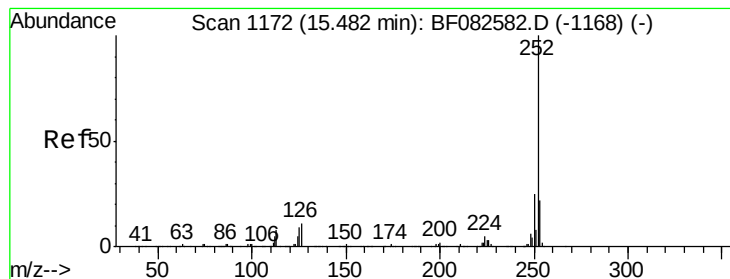
Tot Ion:252 Resp: 1602494
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 5.4 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 36.48 ng m
RT: 15.17 min Scan# 1145
Delta R.T. 0.01 min
Lab File: BF082635.D
Acq: 2 Nov 2015 17:10

Tgt Ion:252 Resp: 1123753
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.4 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 41.43 ng

RT: 15.51 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Instrument :

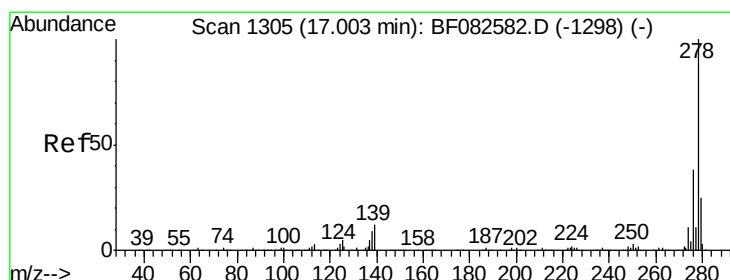
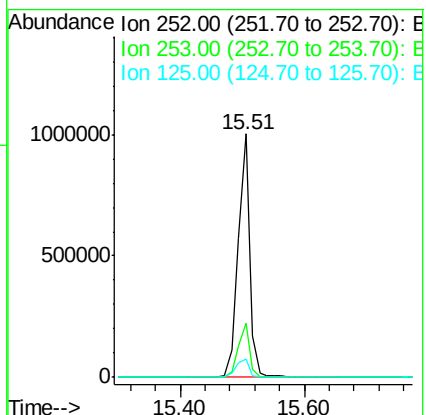
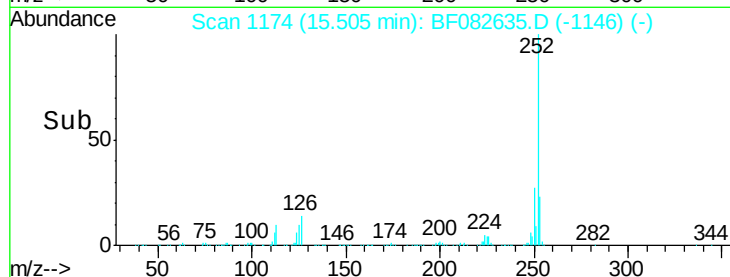
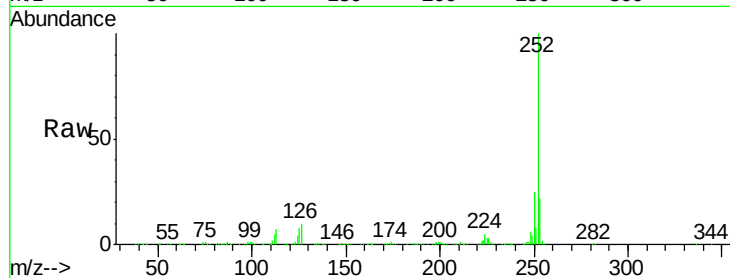
BNA_F

ClientSampleId :

PB86380BS

Tot Ion:252 Resp: 1319328

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	7.7	7.1	10.7



#90

Dibenzo(a,h)anthracene

Concen: 36.63 ng

RT: 17.01 min Scan# 1306

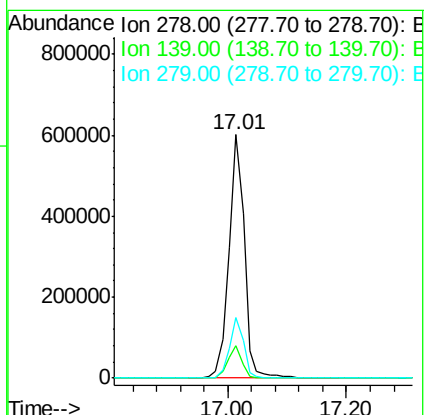
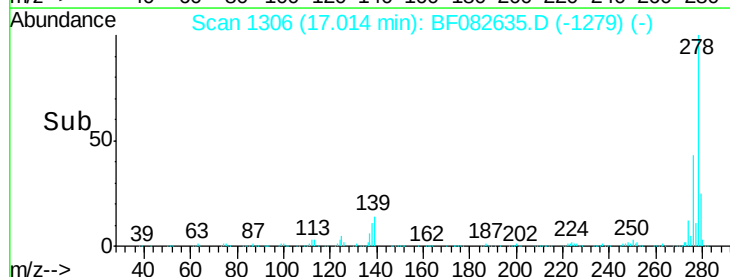
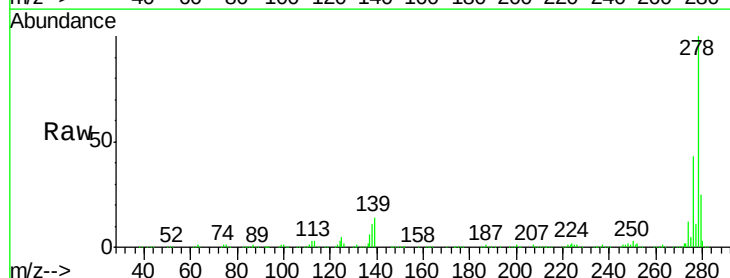
Delta R.T. 0.01 min

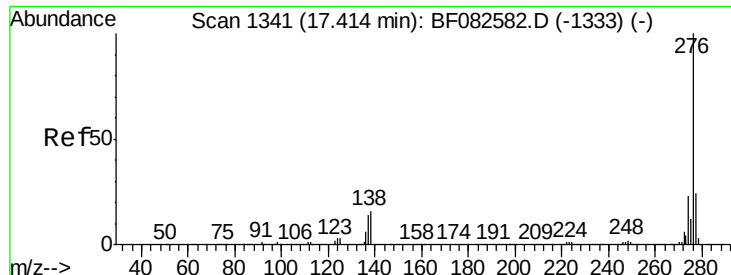
Lab File: BF082635.D

Acq: 2 Nov 2015 17:10

Tgt Ion:278 Resp: 1088319

Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.9	14.9
279	24.8	19.6	29.4

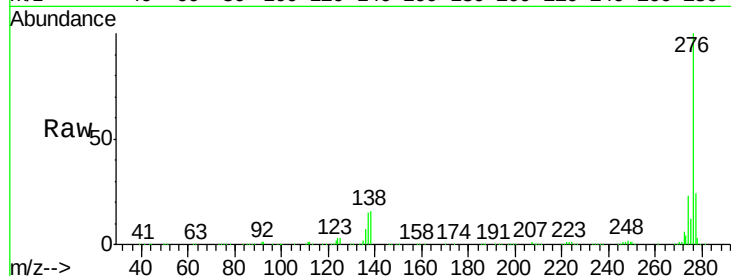




#91
 Benzo(a,h,i)perylene
 Concen: 36.07 ng
 RT: 17.43 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF082635.D
 Acq: 2 Nov 2015 17:10

Instrument :
 BNA_F
 ClientSampleId :
 PB86380BS

Tot Ion: 276 Resp: 1038652
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 16.4 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

