

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
 Data File : BF082989.D
 Acq On : 18 Nov 2015 2:25
 Operator : UM/IZ
 Sample : G4407-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 18 04:31:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	168003	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	658323	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	314011	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	623057	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	447469	20.00	ng	-0.11
86) Perylene-d12	15.30	264	373773	20.00	ng	-0.16

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	628883	58.24	ng	-0.09
7) Phenol-d6	6.41	99	566232	39.45	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1181136	78.07	ng	-0.09
41) 2,4,6-Tribromophenol	10.59	330	487491	135.40	ng	-0.09
44) 2-Fluorobiphenyl	9.13	172	2153806	98.31	ng	-0.09
78) Terphenyl-d14	12.87	244	1943013	102.99	ng	-0.10

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	93406	20.05	ng	94
3) Pyridine	3.00	79	236744	17.51	ng	96
4) n-Nitrosodimethylamine	2.92	42	104248	15.55	ng	# 68
6) Aniline	6.41	93	314372	15.60	ng	# 73
8) 2-Chlorophenol	6.54	128	430684	35.98	ng	95
9) Benzaldehyde	6.29	77	40166	5.07	ng	84
10) Phenol	6.42	94	215832	13.25	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	501105	41.14	ng	94
12) 1,3-Dichlorobenzene	6.92	146	435541	32.26	ng	99
13) 1,4-Dichlorobenzene	6.77	146	541269	38.54	ng	93
14) 1,2-Dichlorobenzene	6.92	146	435487	34.09	ng	93
15) Benzyl Alcohol	6.90	79	294909	23.39	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	872510	48.84	ng	95
17) 2-Methylphenol	7.02	107	274724	27.10	ng	99
18) Hexachloroethane	7.26	117	169794	33.80	ng	95
19) n-Nitroso-di-n-propylamine	7.17	70	422393	40.03	ng	91
20) 3+4-Methylphenols	7.18	107	337143	25.58	ng	# 59
22) Acetophenone	7.17	105	757633	40.16	ng	# 92
24) Nitrobenzene	7.34	77	703425	45.46	ng	97
25) Isophorone	7.58	82	1185370	42.34	ng	97
26) 2-Nitrophenol	7.65	139	270122	41.83	ng	# 79
27) 2,4-Dimethylphenol	7.71	122	425011	36.63	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	773670	49.00	ng	99
29) 2,4-Dichlorophenol	7.90	162	393468	37.52	ng	88
30) 1,2,4-Trichlorobenzene	7.98	180	436323	36.99	ng	98
31) Naphthalene	8.06	128	1503363	41.39	ng	99
32) Benzoic acid	7.80	122	88387	11.13	ng	# 74
33) 4-Chloroaniline	8.11	127	242138	15.47	ng	# 90
34) Hexachlorobutadiene	8.19	225	281901	38.19	ng	99
35) Caprolactam	8.48	113	20011	6.05	ng	# 92
36) 4-Chloro-3-methylphenol	8.60	107	398797	32.33	ng	93
37) 2-Methylnaphthalene	8.75	142	932433	39.68	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	404309	39.18	ng	97
40) Hexachlorocyclopentadiene	8.91	237	411385	74.21	ng	100

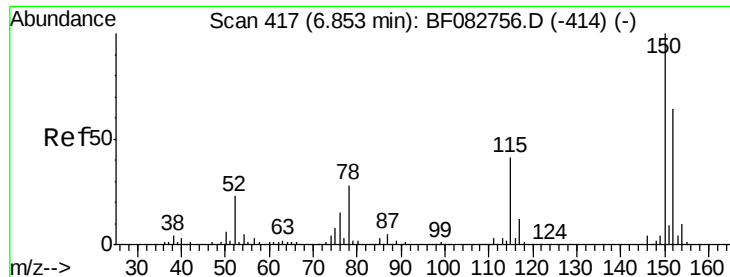
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111715\
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Quant Time: Nov 18 04:31:17 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	314180	40.79	nq	98
43) 2,4,5-Trichlorophenol	9.08	196	338551	44.44	nq	92
45) 1,1'-Biphenyl	9.22	154	1044034	38.75	nq	96
46) 2-Chloronaphthalene	9.24	162	870699	41.43	nq	96
47) 2-Nitroaniline	9.34	65	342111	43.88	nq	# 55
48) Acenaphthylene	9.65	152	1364485	41.42	nq	99
49) Dimethylphthalate	9.53	163	1029940	40.03	nq	99
50) 2,6-Dinitrotoluene	9.58	165	241969	44.08	nq	94
51) Acenaphthene	9.82	154	1002035	48.00	nq	99
52) 3-Nitroaniline	9.74	138	114160	18.91	nq	90
53) 2,4-Dinitrophenol	9.86	184	251385	83.41	nq	# 21
54) Dibenzofuran	10.01	168	1369772	48.67	nq	# 82
55) 4-Nitrophenol	9.93	139	139450	30.11	nq	90
56) 2,4-Dinitrotoluene	9.98	165	313236	42.06	nq	94
57) Fluorene	10.34	166	944766	41.45	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	266535	42.87	nq	92
59) Diethylphthalate	10.22	149	1099027	43.75	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	496356	43.52	nq	96
61) 4-Nitroaniline	10.36	138	190875	31.44	nq	# 77
62) Azobenzene	10.50	77	1344656	49.83	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	188766	42.53	nq	76
65) n-Nitrosodiphenylamine	10.46	169	918999	40.83	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	309548	41.26	nq	98
67) Hexachlorobenzene	10.89	284	334230	39.90	nq	# 88
68) Atrazine	10.99	200	279378	40.14	nq	98
69) Pentachlorophenol	11.09	266	386217	75.92	nq	98
70) Phenanthrene	11.30	178	1496156	41.35	nq	99
71) Anthracene	11.36	178	1642732	43.10	nq	98
72) Carbazole	11.50	167	1270876	38.09	nq	99
73) Di-n-butylphthalate	11.85	149	1626152	39.12	nq	99
74) Fluoranthene	12.49	202	1682483	43.33	nq	96
76) Benzidine	12.60	184	305577	20.38	nq	99
77) Pyrene	12.71	202	1632168	53.11	nq	98
79) Butylbenzylphthalate	13.35	149	787796	58.03	nq	# 79
80) Benzo(a)anthracene	13.89	228	1327642	47.45	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	181499	18.25	nq	99
82) Chrysene	13.94	228	1366061	53.30	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	965018	51.93	nq	99
84) Di-n-octyl phthalate	14.51	149	1620407	52.28	nq	97
85) Indeno(1,2,3-cd)pyrene	16.64	276	1036143	46.94	nq	# 96
87) Benzo(b)fluoranthene	14.91	252	2091117	87.16	nq	# 98
88) Benzo(k)fluoranthene	14.91	252	2091117	98.25	nq	# 98
89) Benzo(a)pyrene	15.24	252	952530	45.83	nq	# 96
90) Dibenzo(a,h)anthracene	16.65	278	863045	49.03	nq	# 96
91) Benzo(g,h,i)perylene	17.04	276	874107	51.85	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

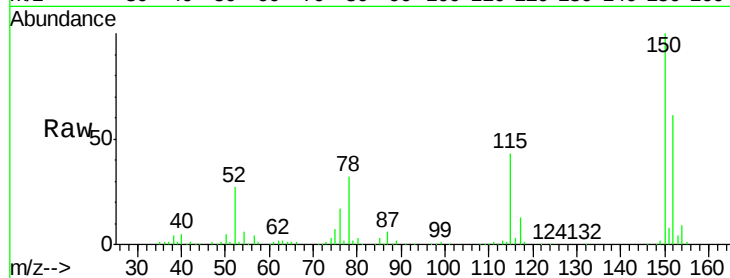
Tot Ion:152 Resp: 168003

Ion Ratio Lower Upper

152 100

150 163.4 127.0 190.4

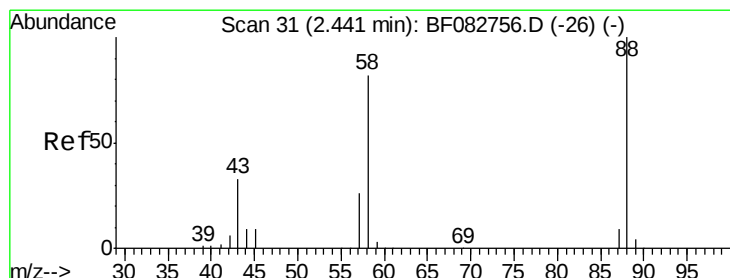
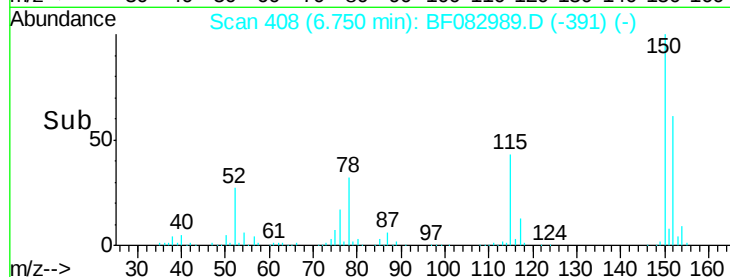
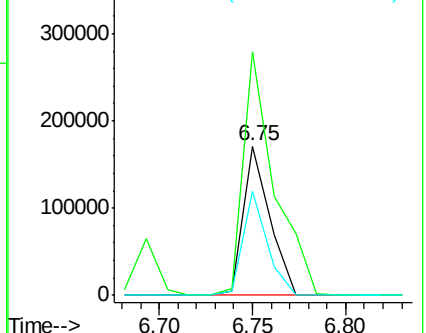
115 70.2 47.0 70.6



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: 20.05 ng

RT: 2.32 min Scan# 20

Delta R.T. -0.13 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

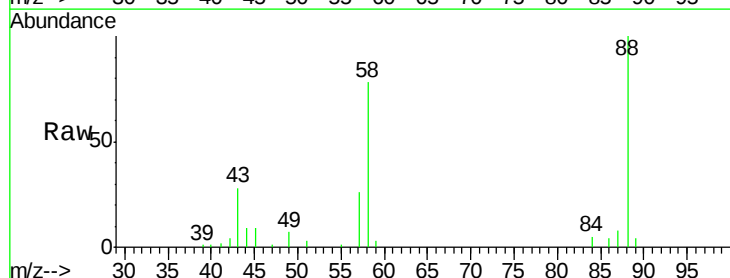
Tgt Ion: 88 Resp: 93406

Ion Ratio Lower Upper

88 100

58 81.9 62.0 93.0

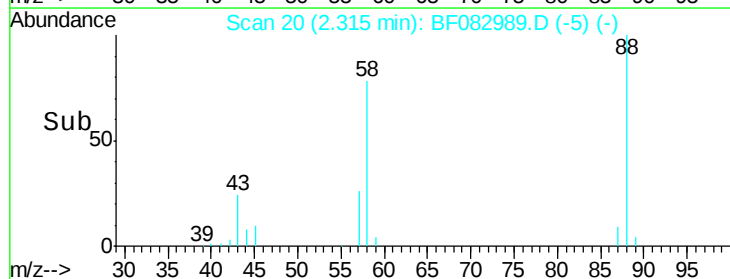
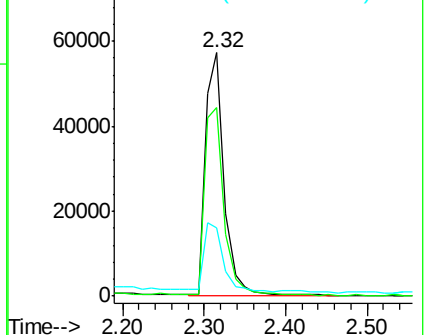
43 28.3 26.6 40.0

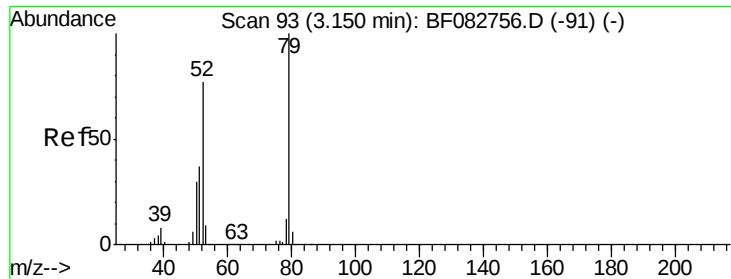


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.51 ng

RT: 3.00 min Scan# 80

Delta R.T. -0.15 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

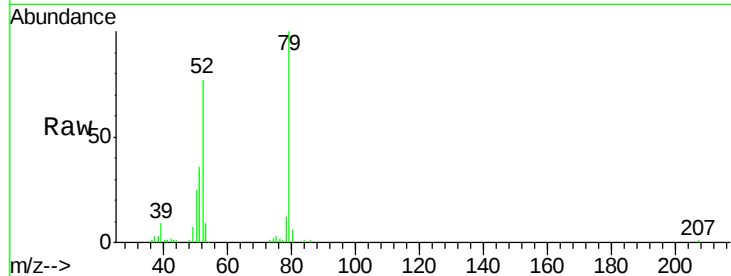
Tot Ion: 79 Resp: 236744

Ion Ratio Lower Upper

79 100

52 76.6 62.8 94.2

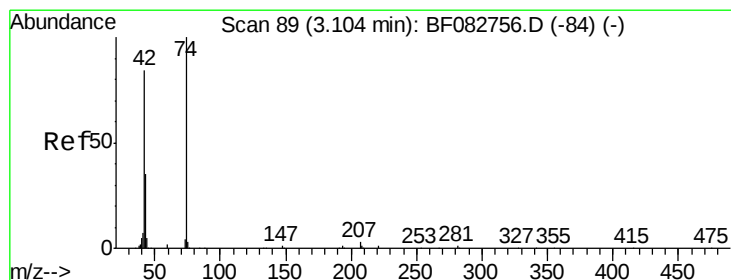
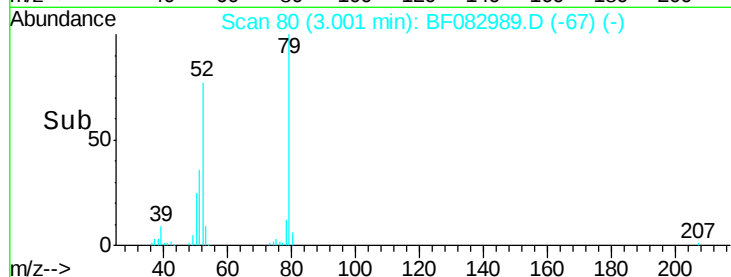
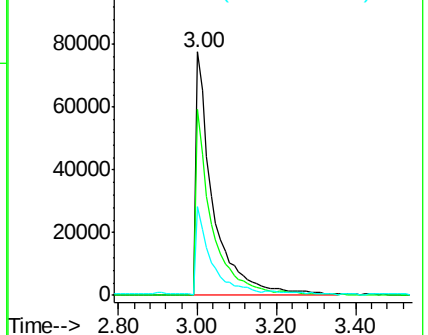
51 36.2 32.0 48.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 15.55 ng

RT: 2.92 min Scan# 73

Delta R.T. -0.18 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

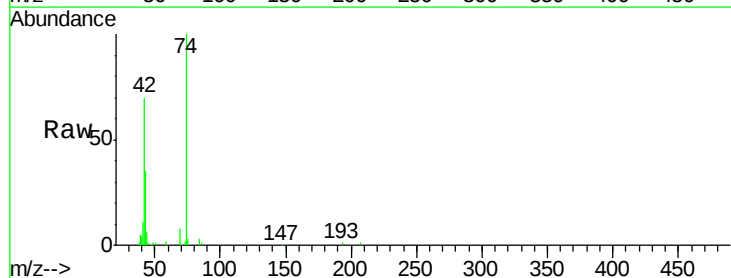
Tgt Ion: 42 Resp: 104248

Ion Ratio Lower Upper

42 100

74 143.8 87.0 130.4#

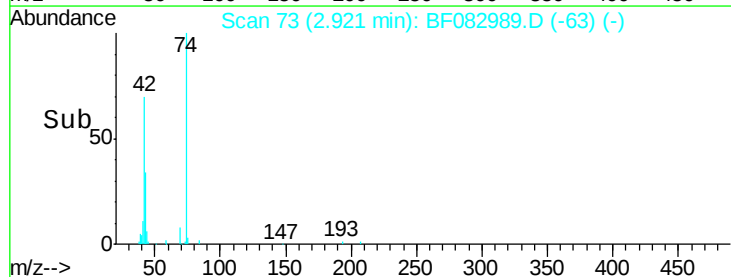
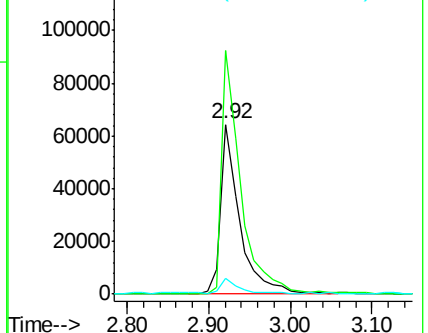
44 9.2 5.8 8.8#

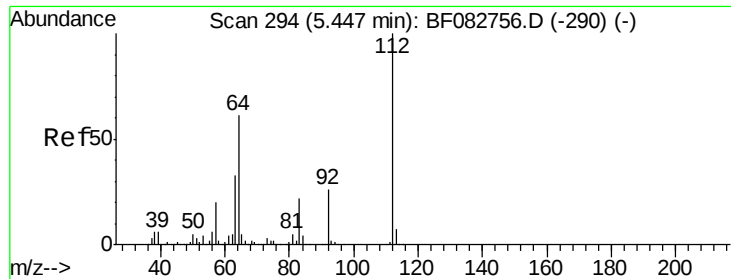


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 58.24 ng

RT: 5.36 min Scan# 286

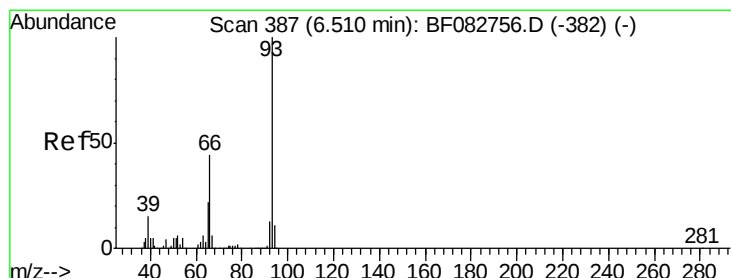
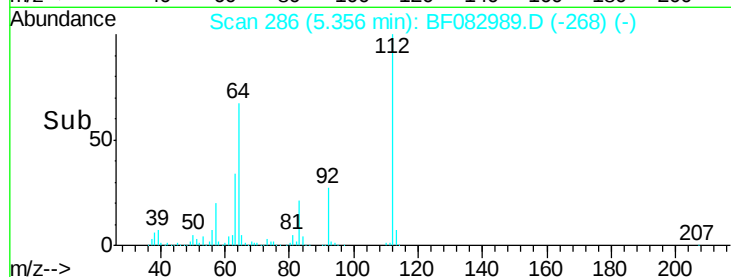
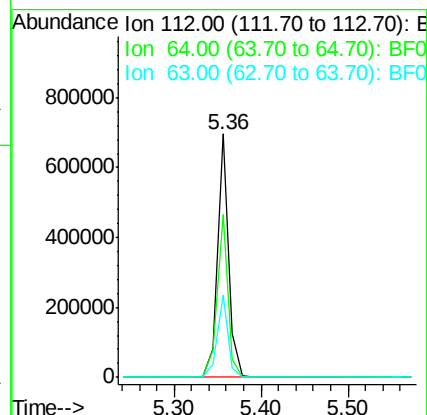
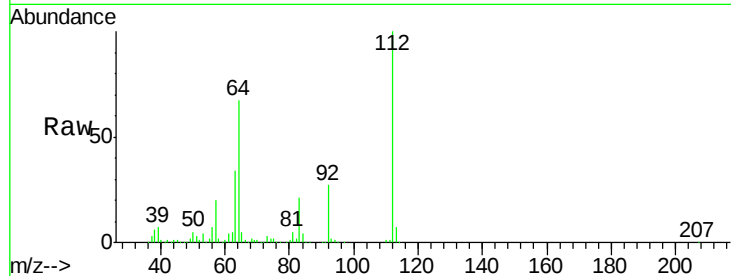
Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	628883
Ion	Ratio	Lower	Upper
112	100		
64	66.7	48.9	73.3
63	33.9	28.1	42.1



#6

Aniline

Concen: 15.60 ng

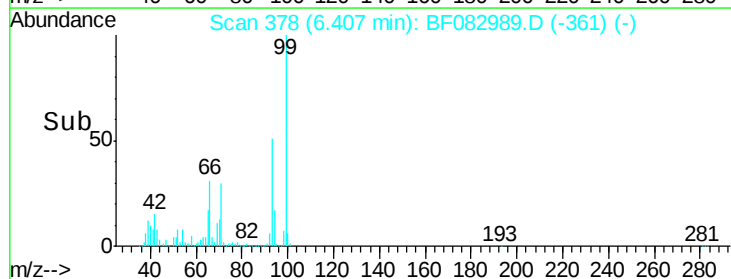
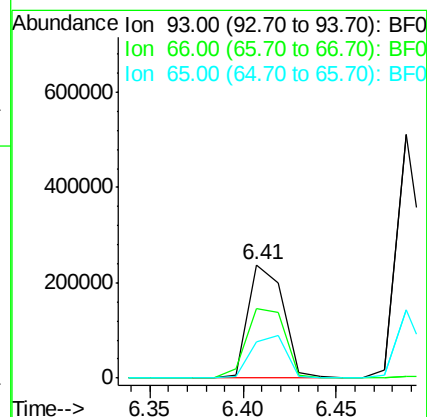
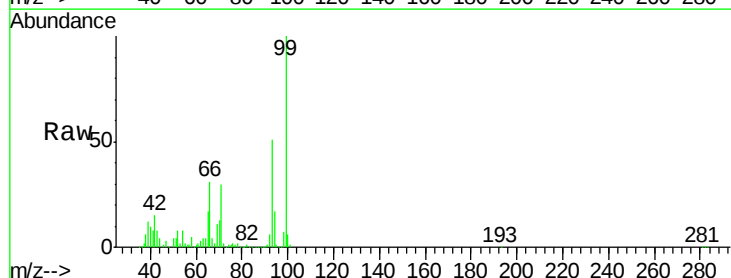
RT: 6.41 min Scan# 378

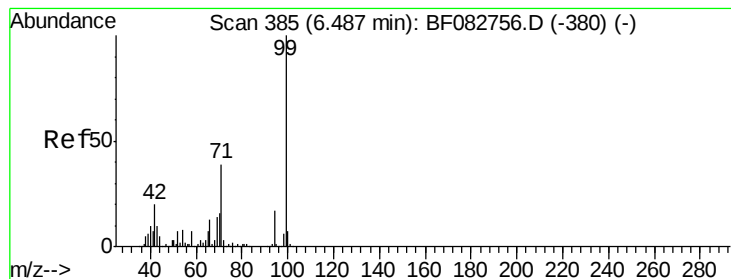
Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:	93	Resp:	314372
Ion	Ratio	Lower	Upper
93	100		
66	61.5	33.6	50.4#
65	32.5	18.1	27.1#





#7

Phenol-d6

Concen: 39.45 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

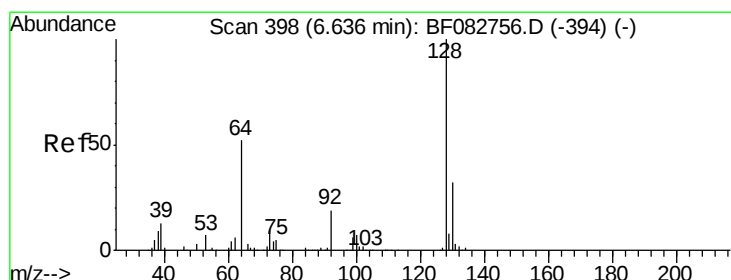
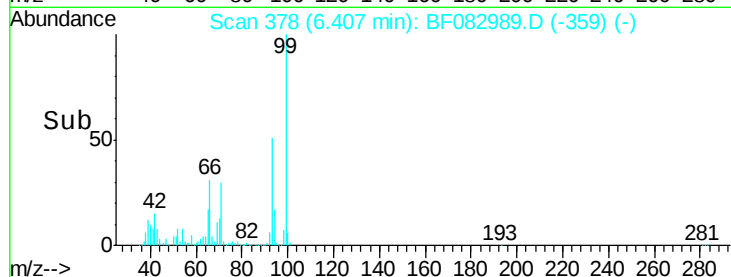
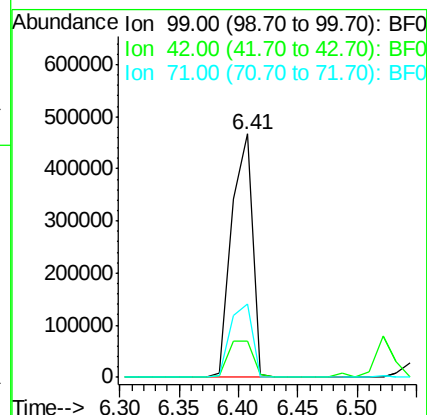
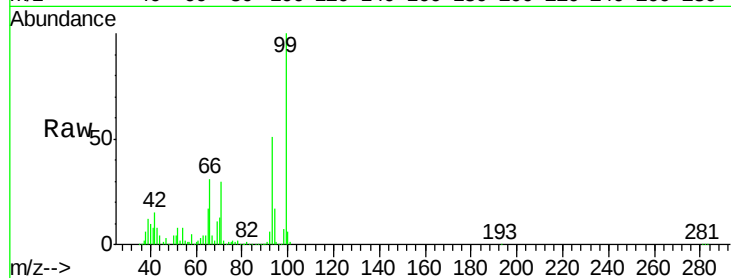
Tot Ion: 99 Resp: 566232

Ion Ratio Lower Upper

99 100

42 14.7 19.2 28.8#

71 29.9 35.0 52.4#



#8

2-Chlorophenol

Concen: 35.98 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

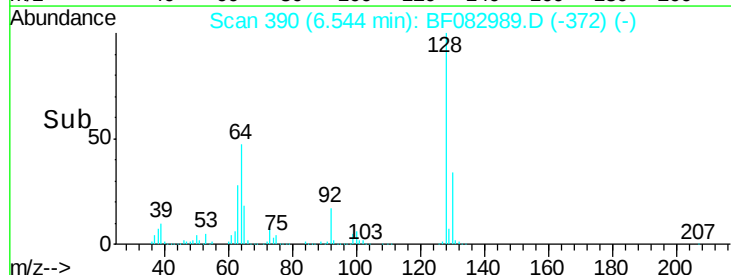
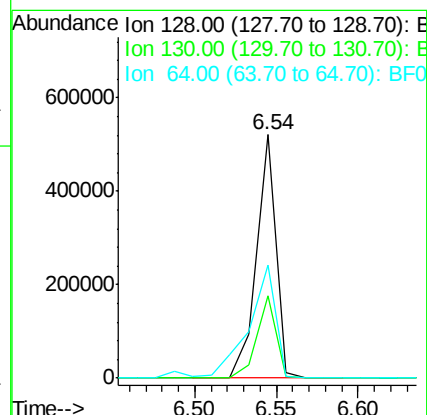
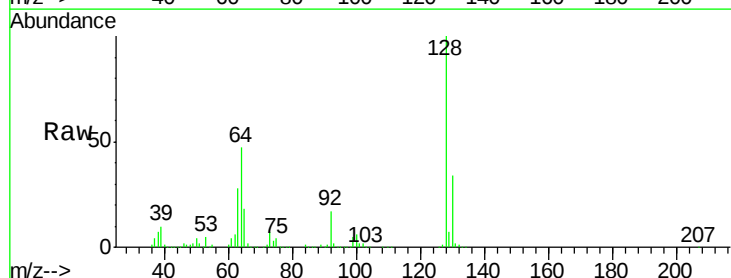
Tgt Ion: 128 Resp: 430684

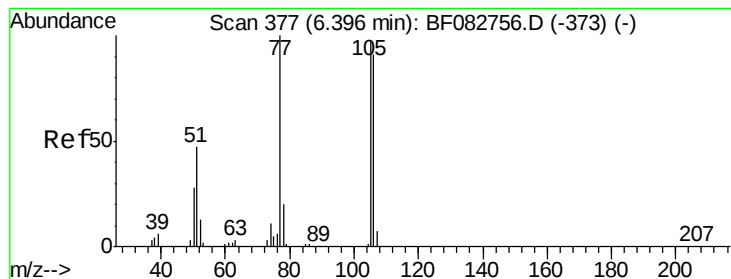
Ion Ratio Lower Upper

128 100

130 33.9 13.5 53.5

64 46.6 21.1 61.1





#9

Benzaldehyde

Concen: 5.07 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

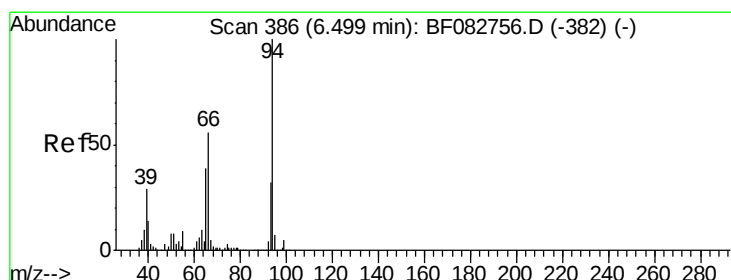
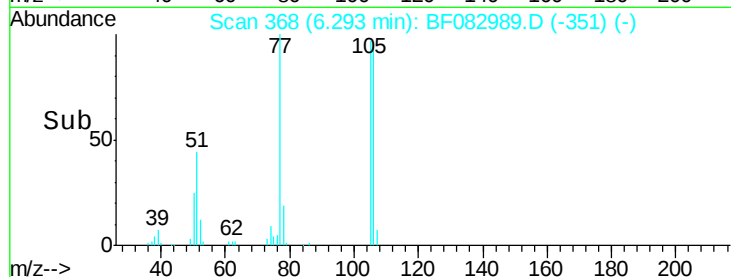
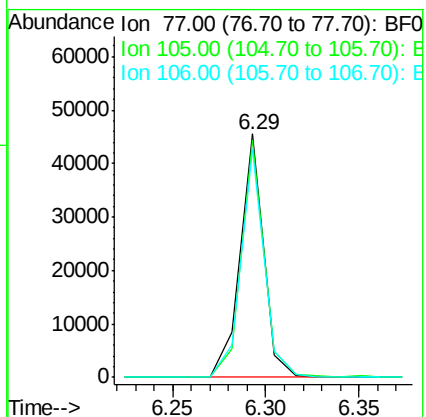
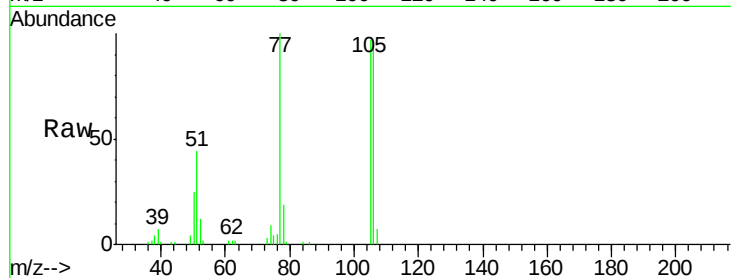
Tot Ion: 77 Resp: 40166

Ion Ratio Lower Upper

77 100

105 97.3 63.5 103.5

106 93.6 59.3 99.3



#10

Phenol

Concen: 13.25 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.08 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

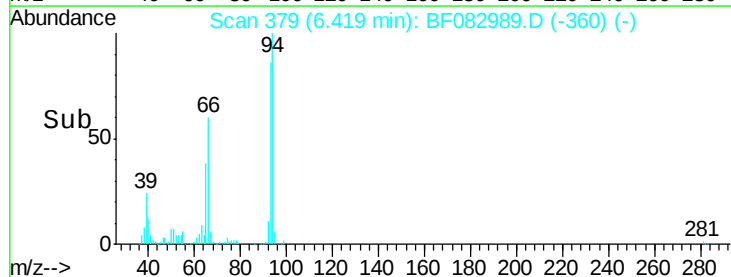
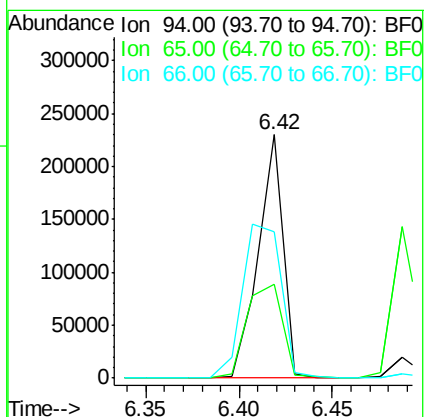
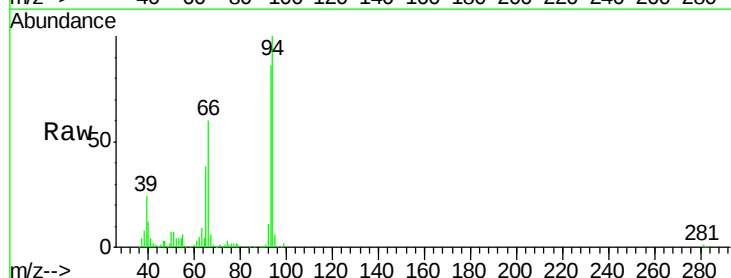
Tgt Ion: 94 Resp: 215832

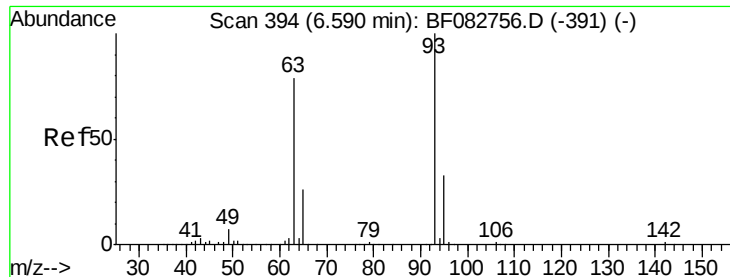
Ion Ratio Lower Upper

94 100

65 38.4 18.9 58.9

66 60.2 34.9 74.9

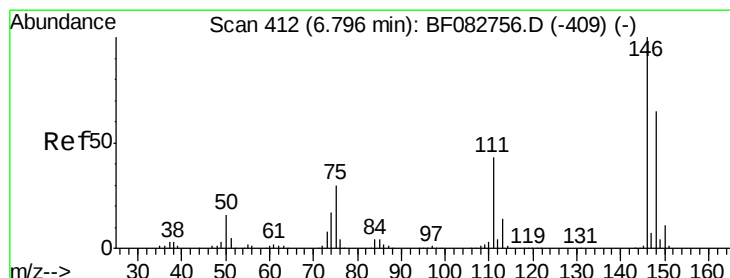
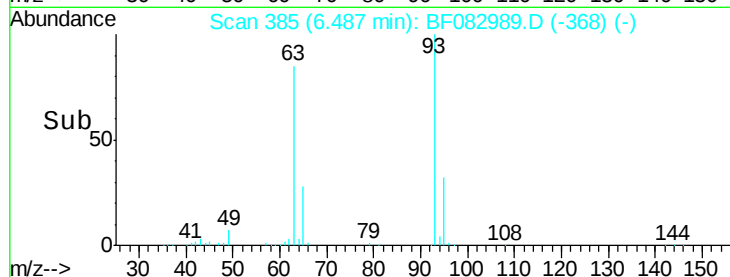
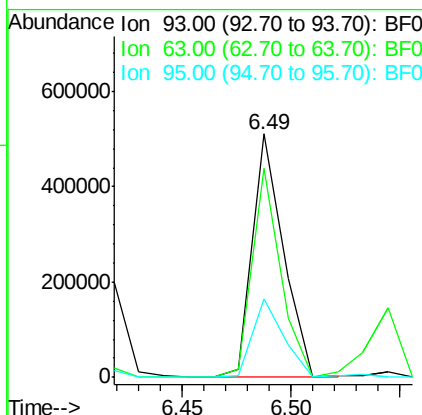
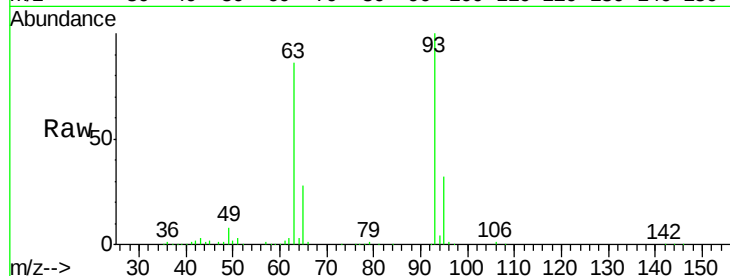




#11
bis(2-Chloroethyl)ether
Concen: 41.14 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

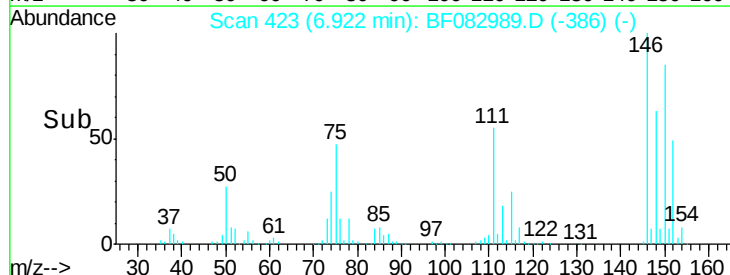
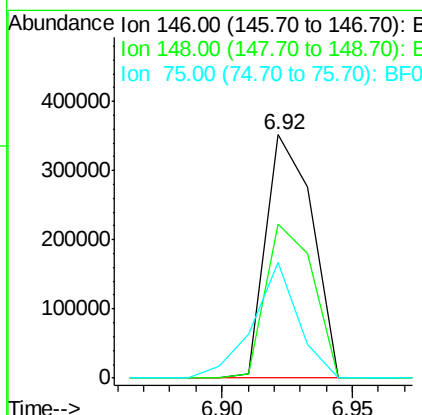
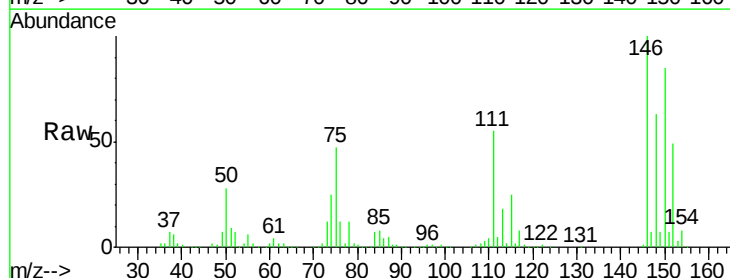
Instrument :
BNA_F
ClientSampleId :

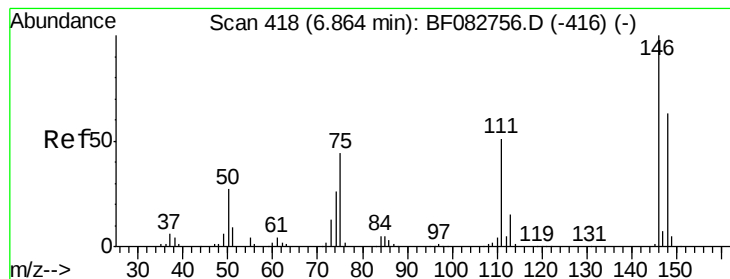
Tot Ion: 93 Resp: 501105
Ion Ratio Lower Upper
93 100
63 85.7 72.7 112.7
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 32.26 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.13 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion: 146 Resp: 435541
Ion Ratio Lower Upper
146 100
148 63.2 50.5 75.7
75 47.5 39.5 59.3





#13

1,4-Dichlorobenzene

Concen: 38.54 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

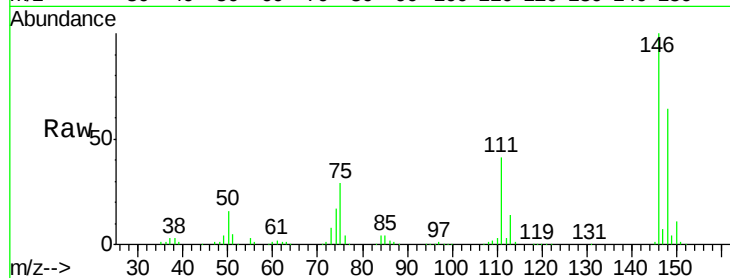
Tot Ion:146 Resp: 541269

Ion Ratio Lower Upper

146 100

148 64.4 50.8 76.2

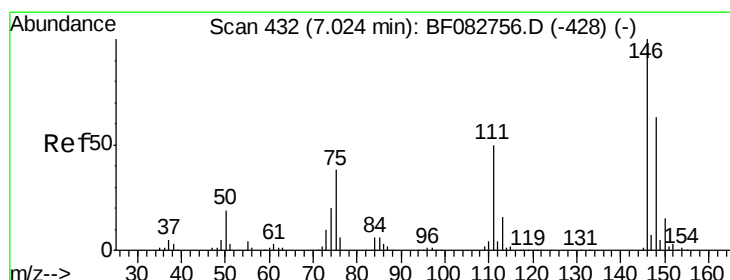
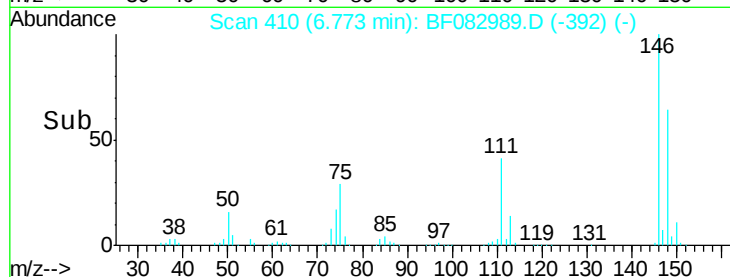
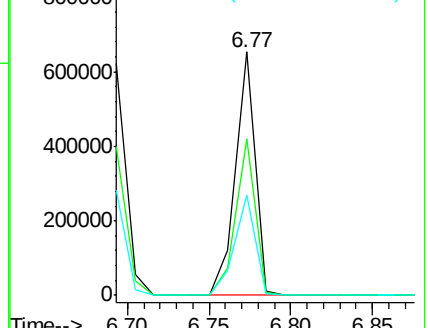
111 41.1 40.6 60.8



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: 34.09 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

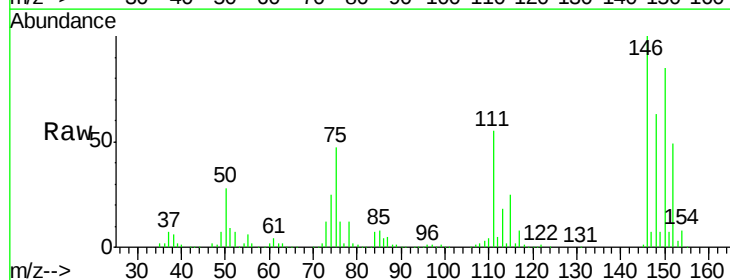
Tgt Ion:146 Resp: 435487

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.4

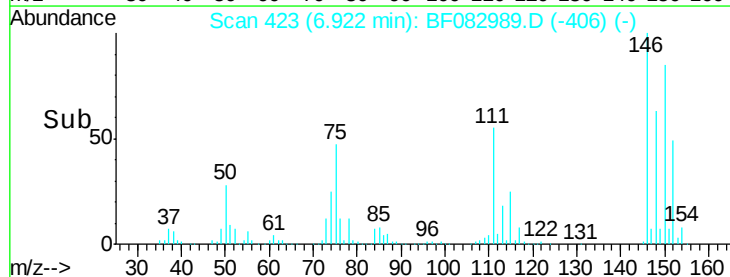
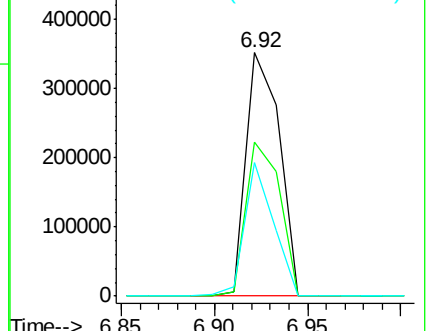
111 54.7 36.6 55.0



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: 23.39 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

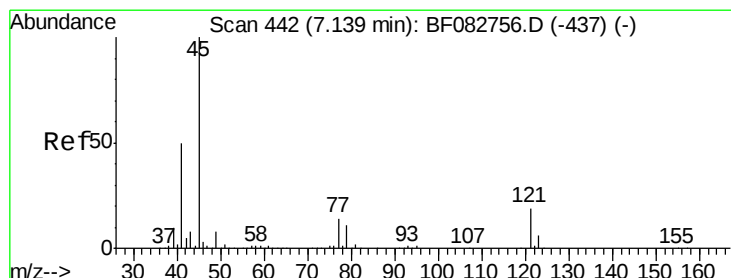
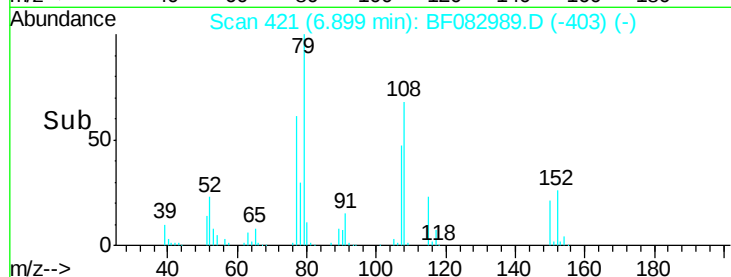
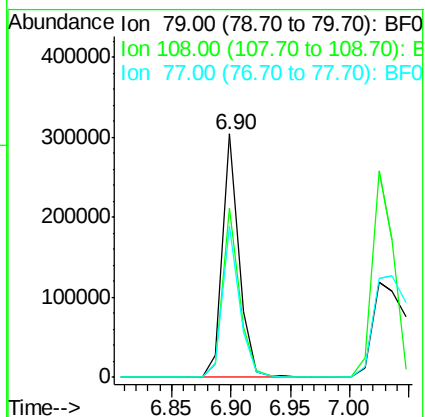
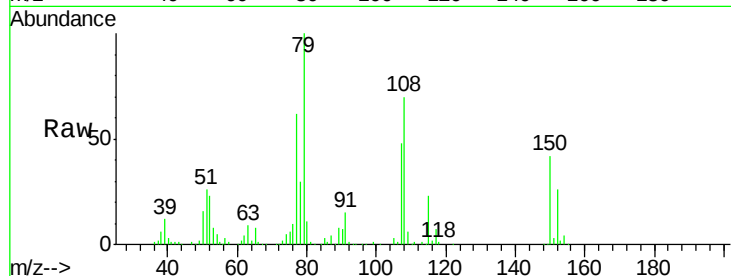
Tot Ion: 79 Resp: 294909

Ion Ratio Lower Upper

79 100

108 69.6 52.2 78.4

77 62.0 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.84 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

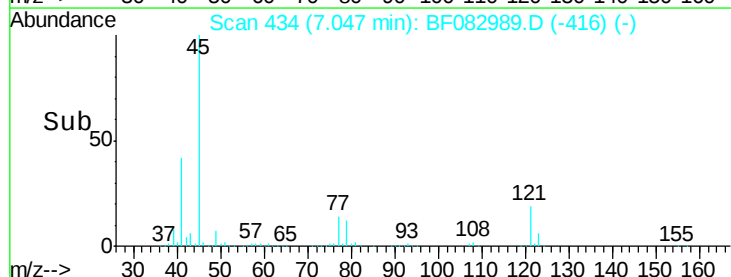
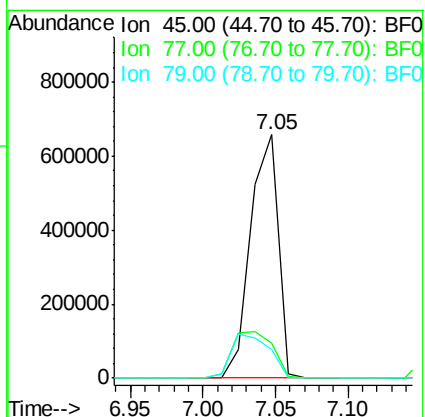
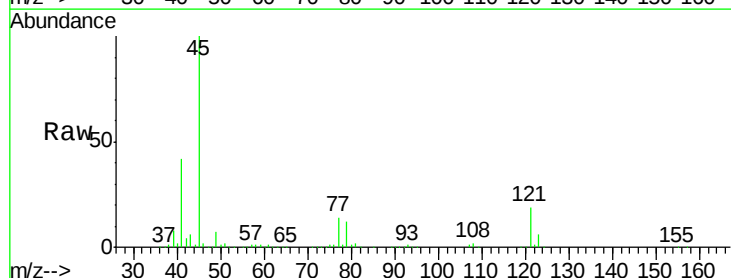
Tgt Ion: 45 Resp: 872510

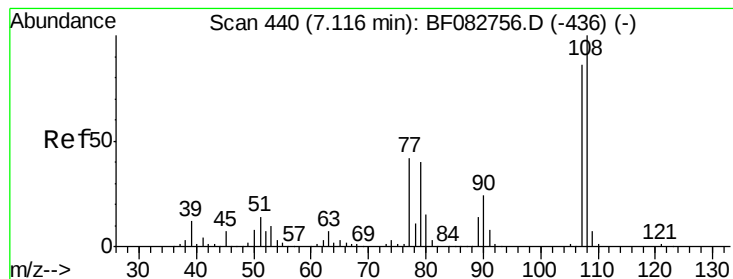
Ion Ratio Lower Upper

45 100

77 14.2 0.0 32.6

79 11.5 0.0 29.2





#17

2-Methylphenol

Concen: 27.10 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 274724

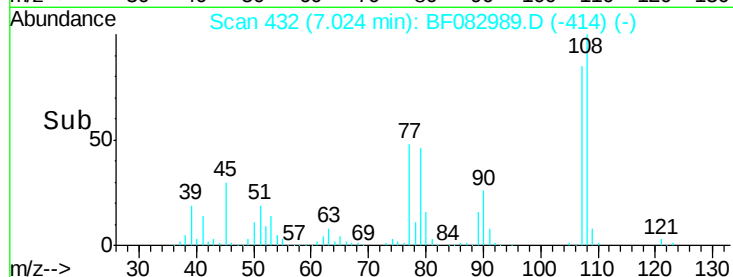
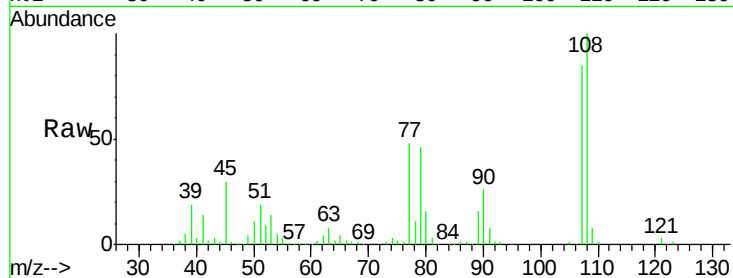
Ion Ratio Lower Upper

107 100

108 117.1 93.0 139.4

77 55.7 44.1 66.1

79 54.1 43.6 65.4

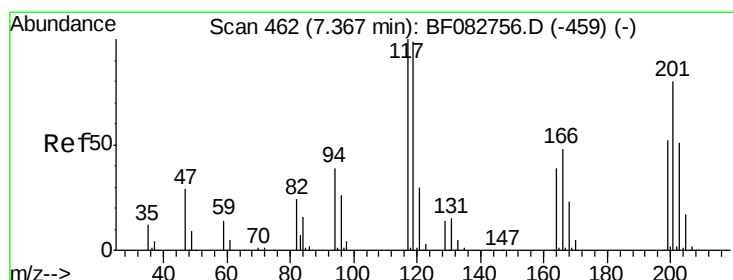
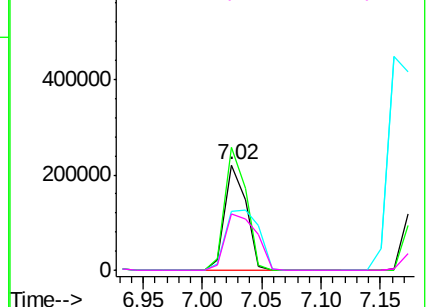


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.80 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

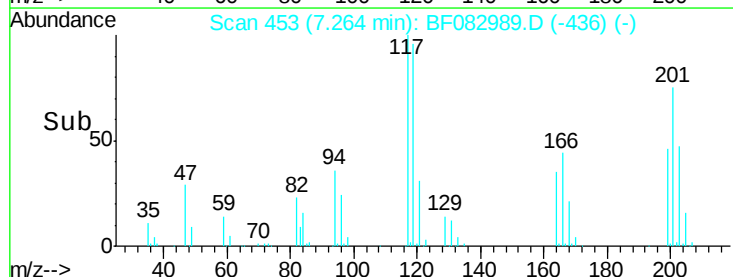
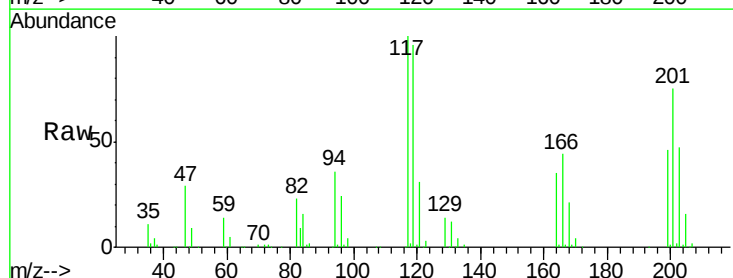
Tgt Ion:117 Resp: 169794

Ion Ratio Lower Upper

117 100

119 95.9 77.7 116.5

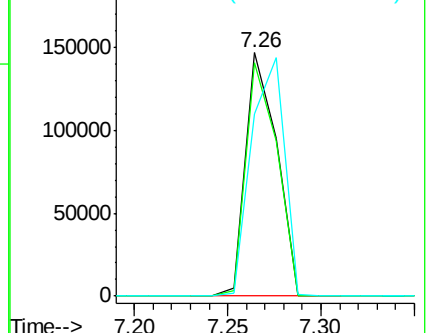
201 74.7 66.7 100.1

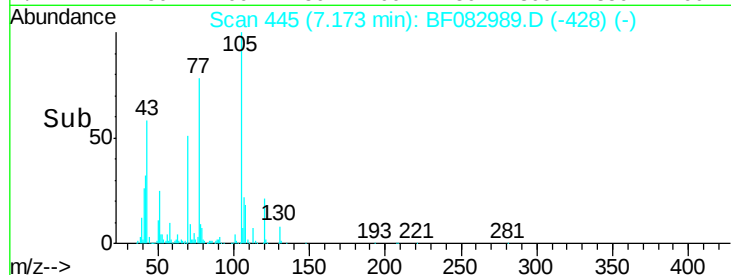
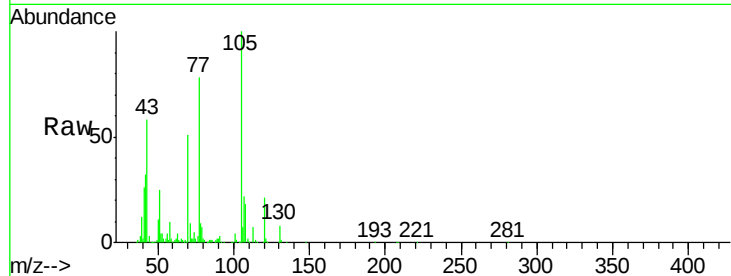
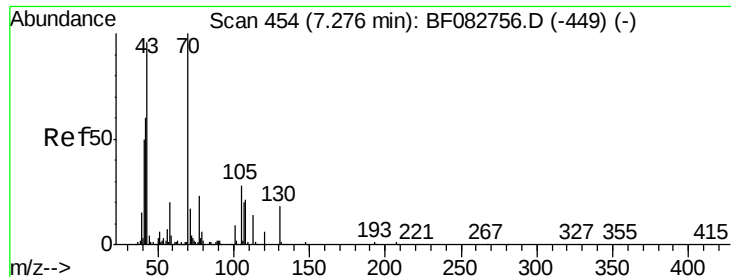


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

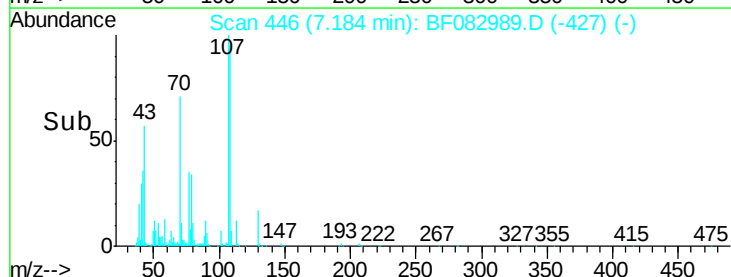
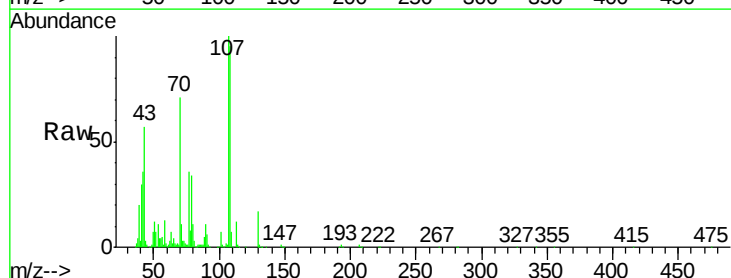
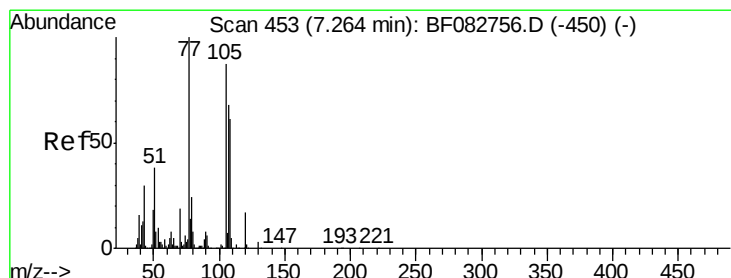
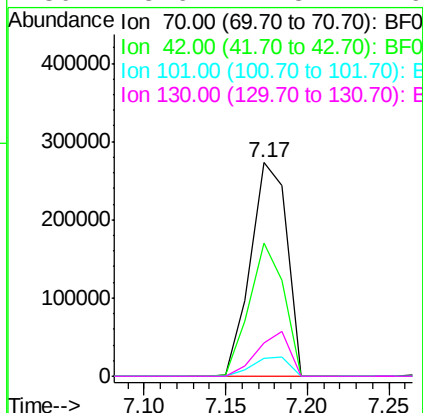




#19
n-Nitroso-di-n-propylamine
Concen: 40.03 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

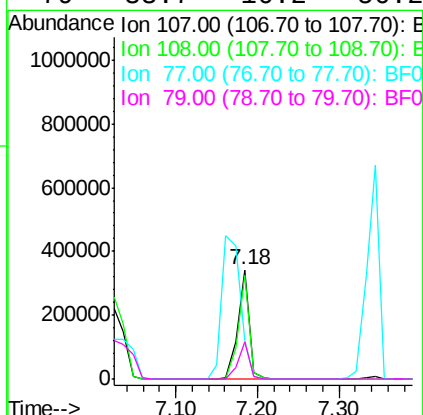
Instrument :
BNA_F
ClientSampleId :

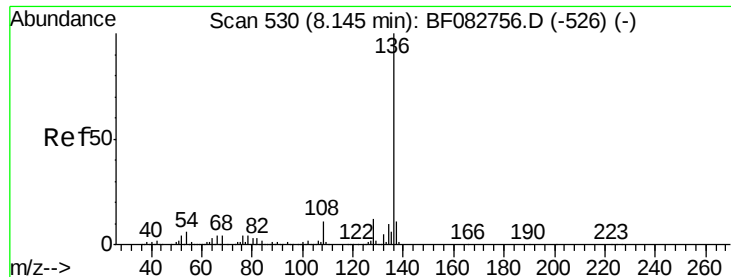
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.4	57.7	86.5	
101	8.4	7.0	10.6	
130	15.6	11.8	17.6	



#20
3+4-Methylphenols
Concen: 25.58 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.08 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.0	67.3	107.3	
77	35.6	100.3	140.3	
79	33.7	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 658323

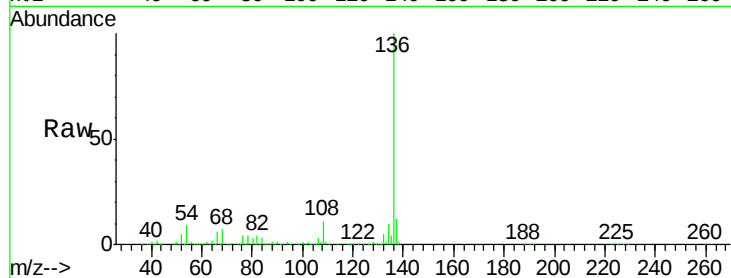
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.3 9.1 13.7

68 6.8 4.8 7.2

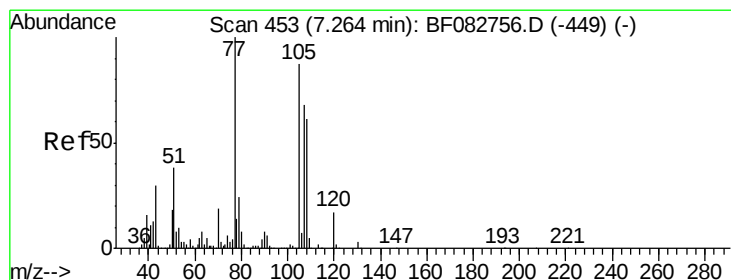
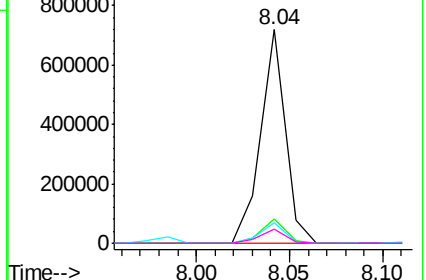
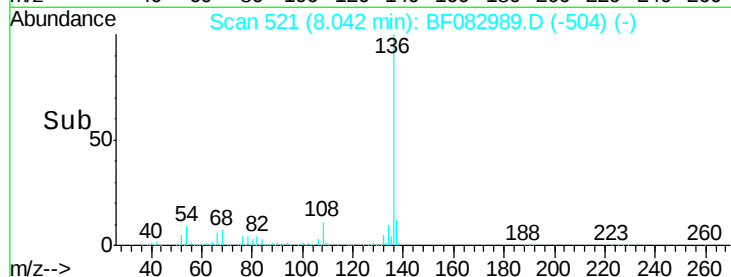


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.16 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:105 Resp: 757633

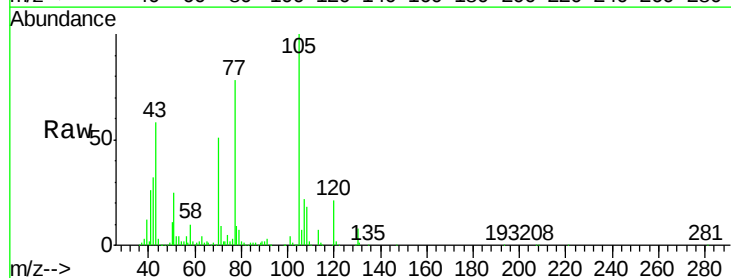
Ion Ratio Lower Upper

105 100

71 9.2 5.6 8.4#

51 24.8 24.9 37.3#

120 21.5 15.8 23.8

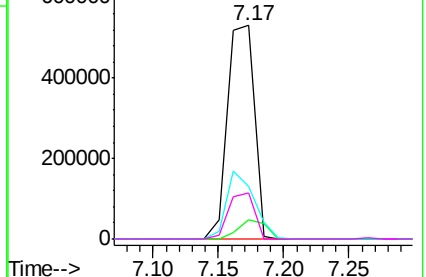
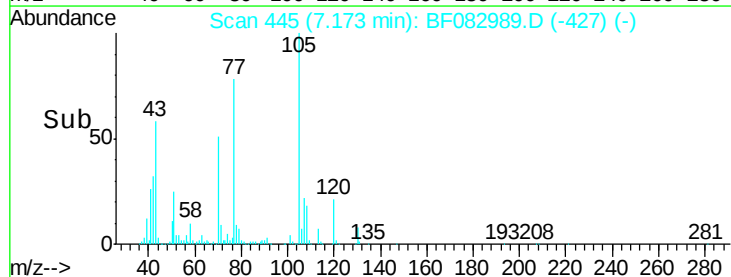


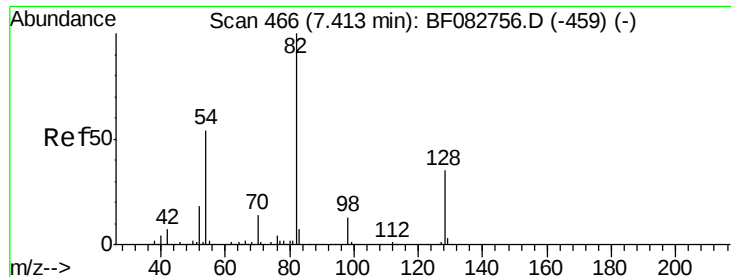
Abundance Ion 105.00 (104.70 to 105.70): E

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

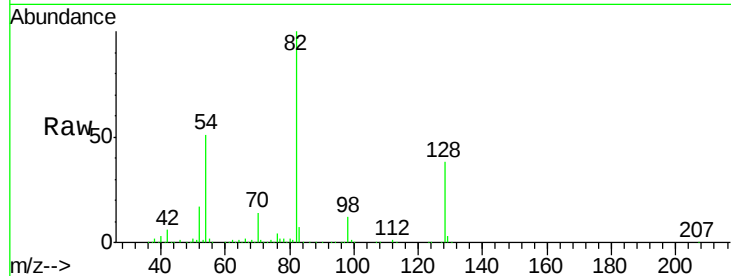




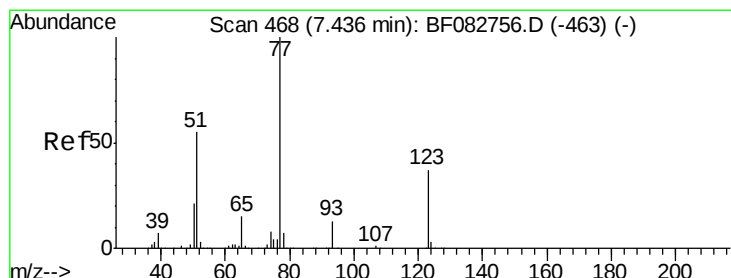
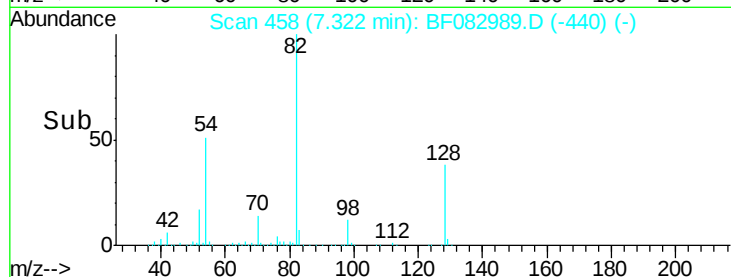
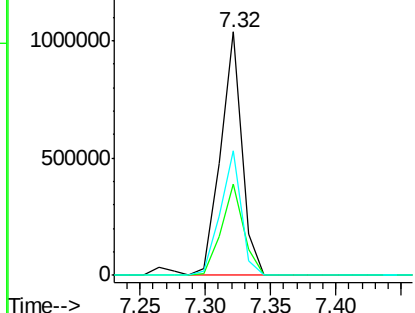
#23
 Nitrobenzene-d5
 Concen: 78.07 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1181136
 Ion Ratio Lower Upper
 82 100
 128 37.7 26.8 40.2
 54 51.0 45.7 68.5

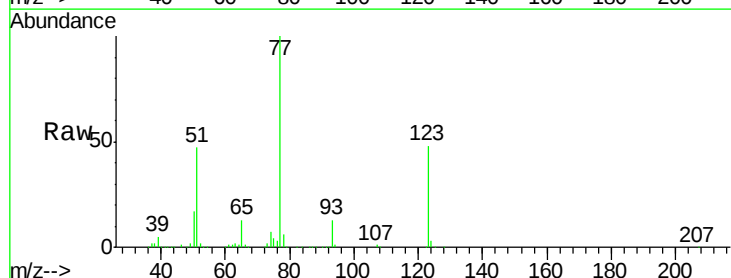


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

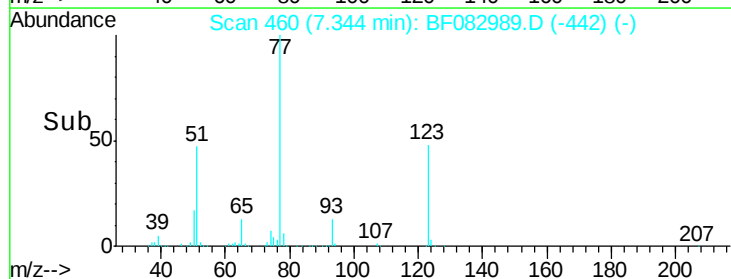
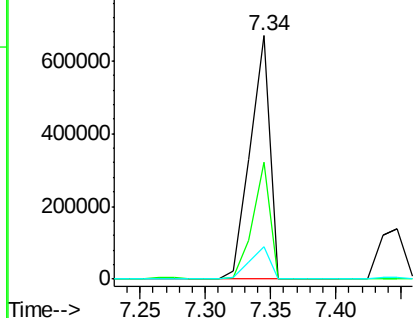


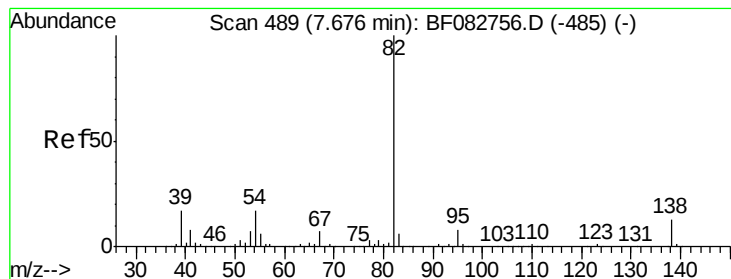
#24
 Nitrobenzene
 Concen: 45.46 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion: 77 Resp: 703425
 Ion Ratio Lower Upper
 77 100
 123 47.8 36.4 54.6
 65 13.3 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: 42.34 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

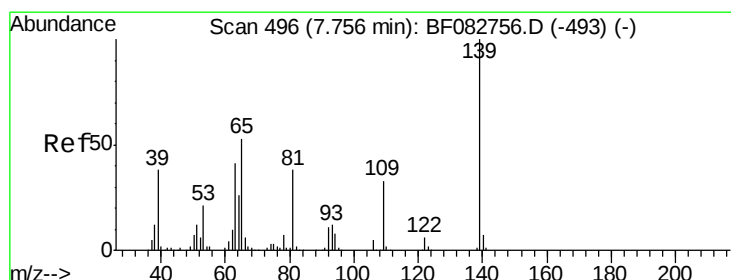
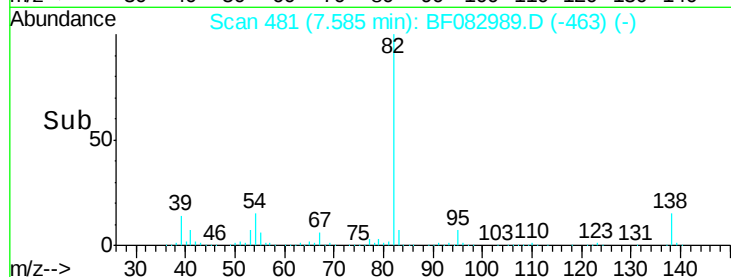
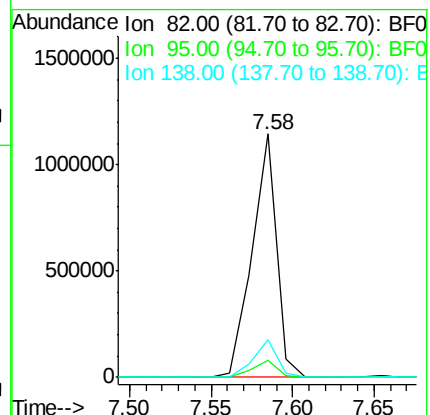
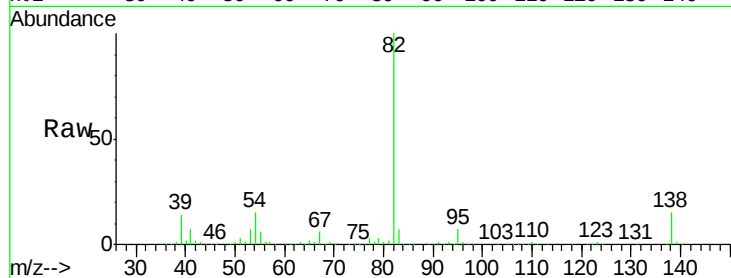
Tot Ion: 82 Resp: 1185370

Ion Ratio Lower Upper

82 100

95 7.2 6.6 9.8

138 15.2 11.4 17.0



#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

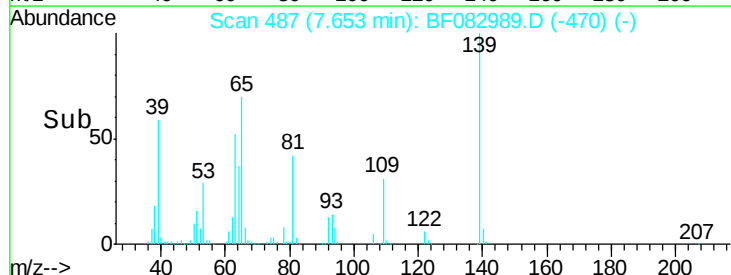
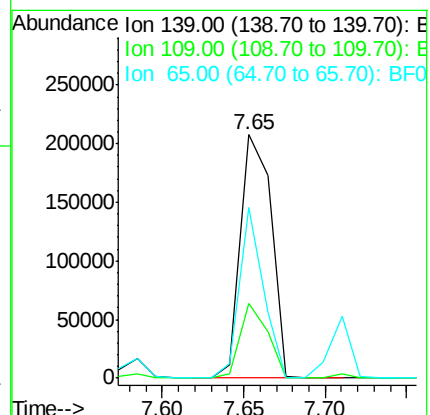
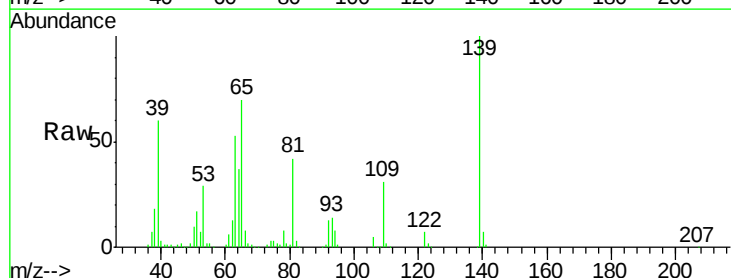
Tgt Ion: 139 Resp: 270122

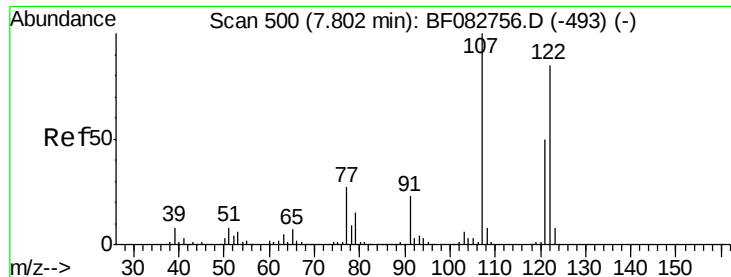
Ion Ratio Lower Upper

139 100

109 30.9 37.6 56.4#

65 70.3 70.6 105.8#





#27

2,4-Dimethylphenol

Concen: 36.63 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

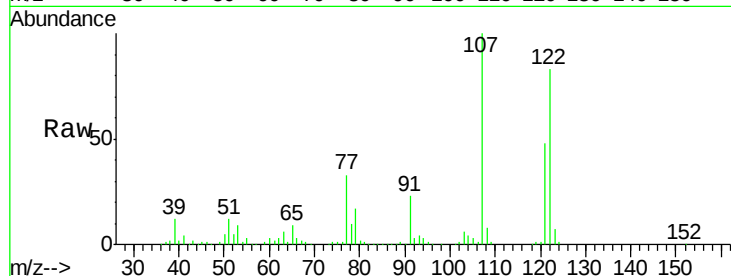
Tot Ion:122 Resp: 425011

Ion Ratio Lower Upper

122 100

107 119.9 106.0 159.0

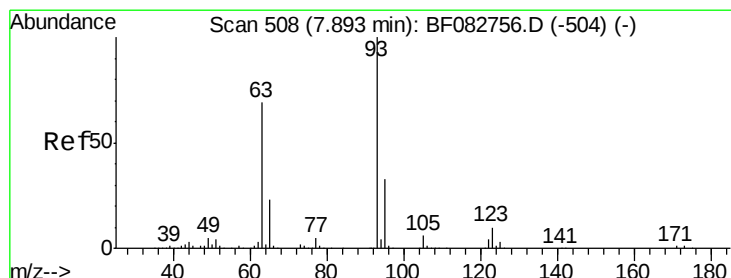
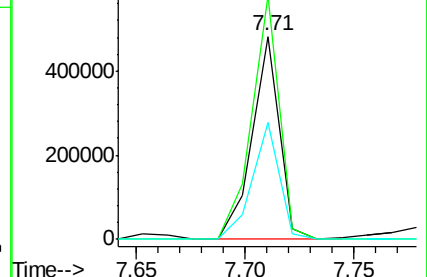
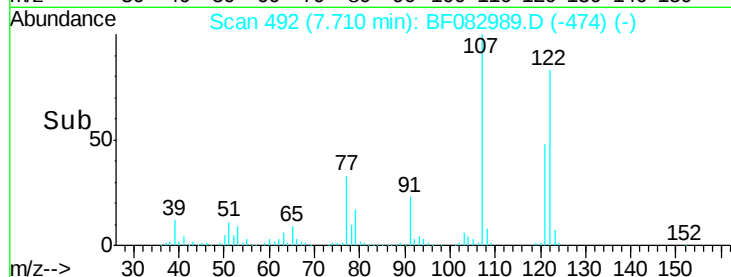
121 57.6 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.00 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

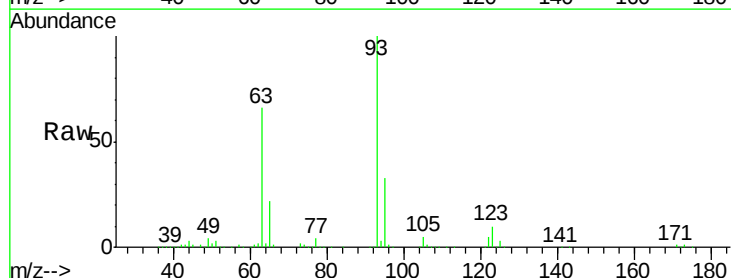
Tgt Ion: 93 Resp: 773670

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

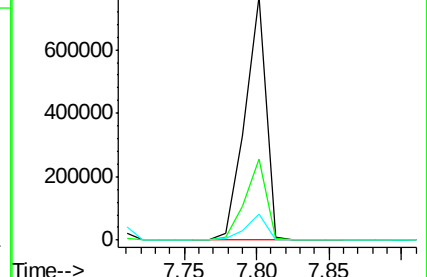
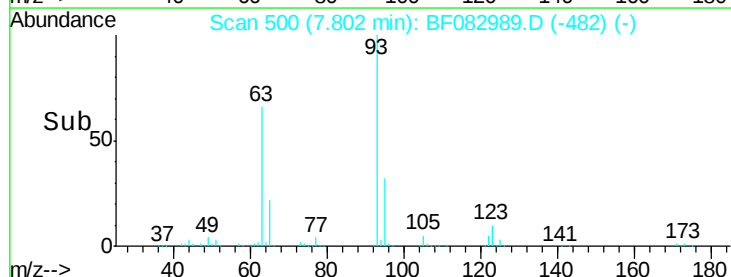
123 10.5 9.7 14.5

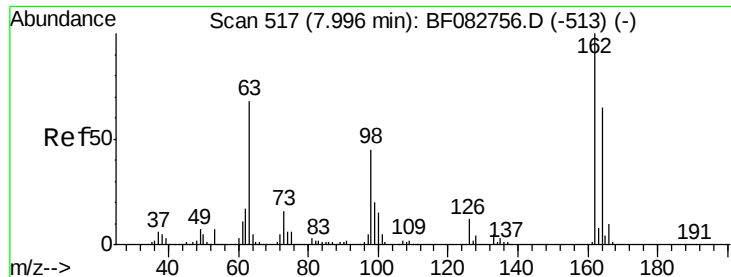


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.52 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

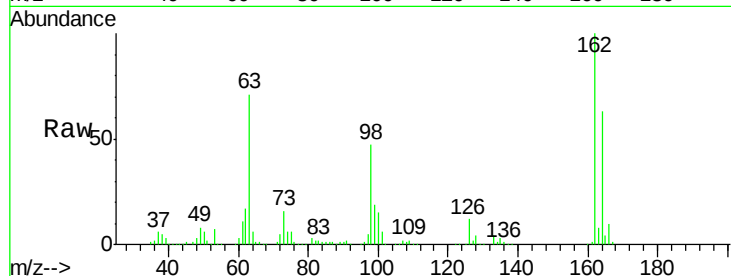
Tot Ion:162 Resp: 393468

Ion Ratio Lower Upper

162 100

164 62.8 46.8 86.8

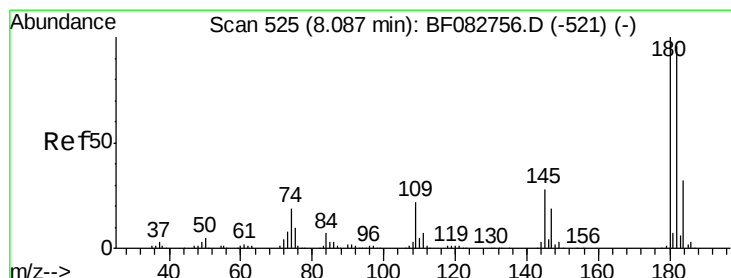
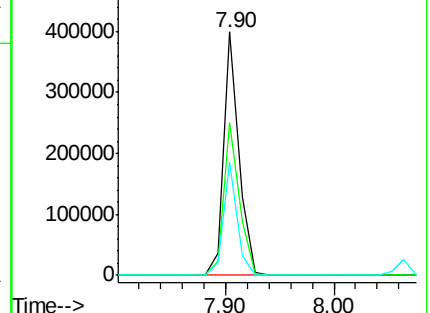
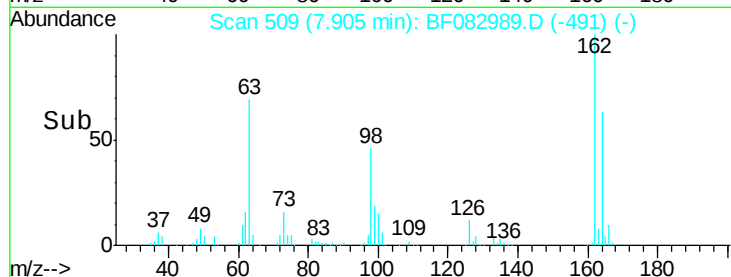
98 46.5 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 36.99 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

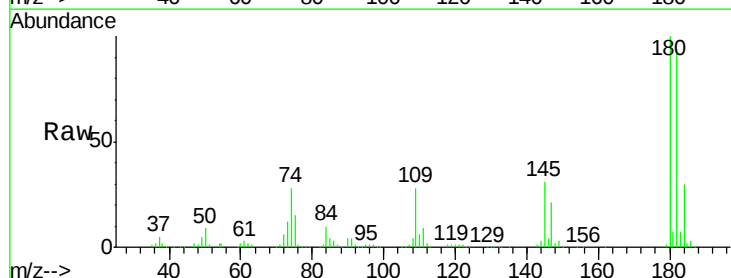
Tgt Ion:180 Resp: 436323

Ion Ratio Lower Upper

180 100

182 93.6 74.9 112.3

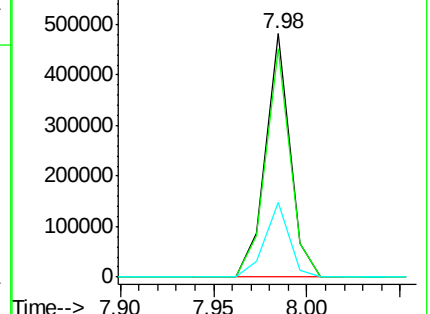
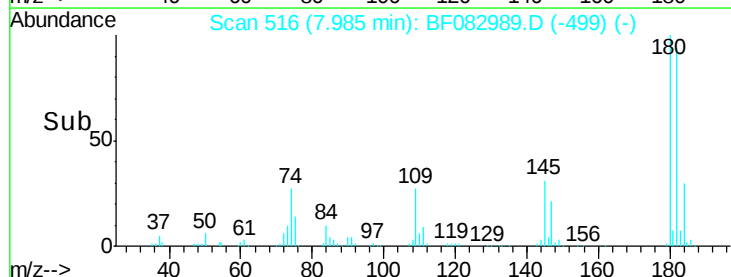
145 30.9 27.8 41.8

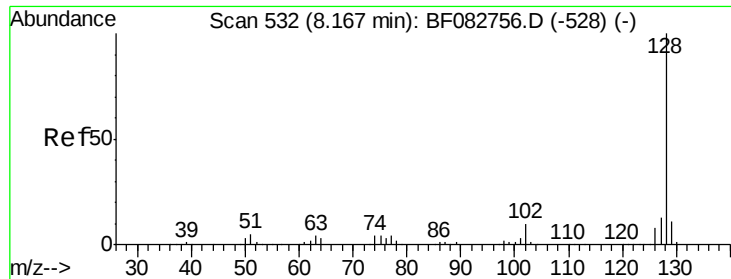


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

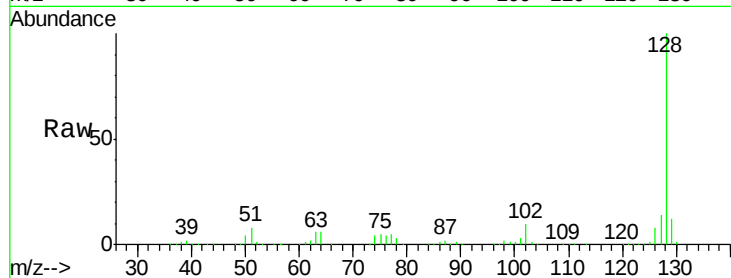




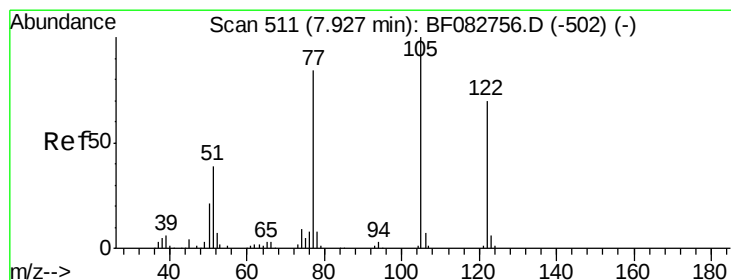
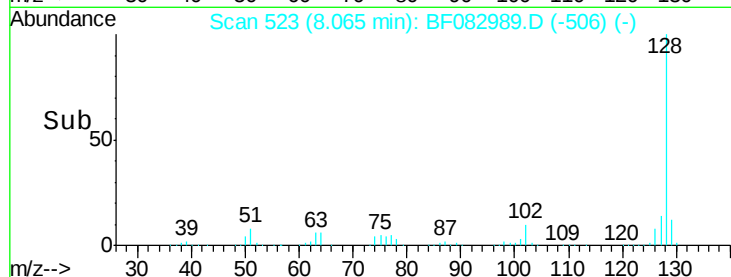
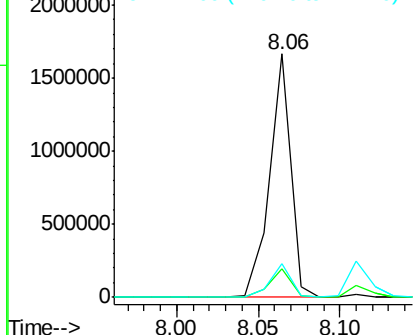
#31
Naphthalene
Concen: 41.39 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1503363
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.8 11.4 17.0

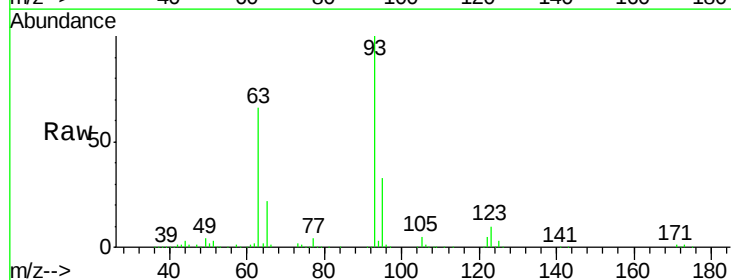


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

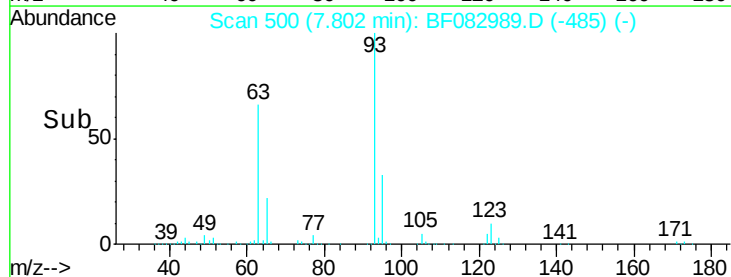
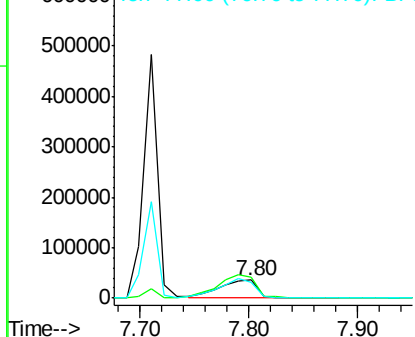


#32
Benzoic acid
Concen: 11.13 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.13 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:122 Resp: 88387
Ion Ratio Lower Upper
122 100
105 116.5 122.6 162.6#
77 84.6 100.9 140.9#



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

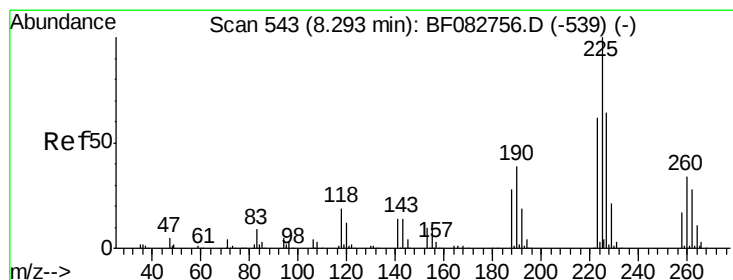
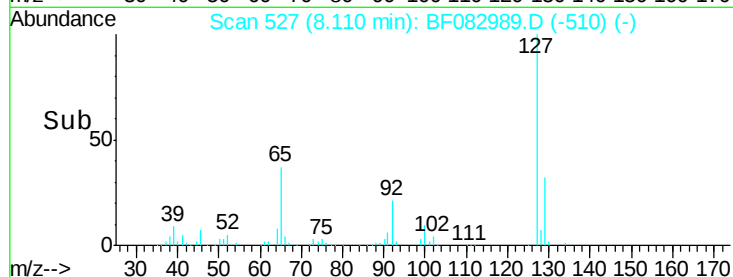
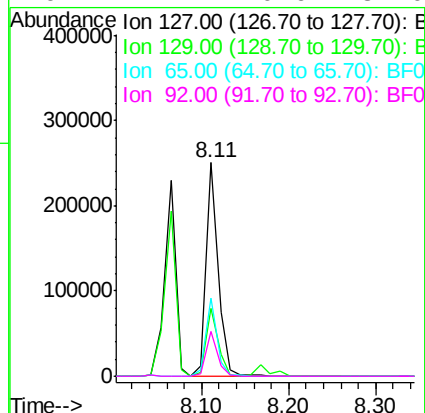
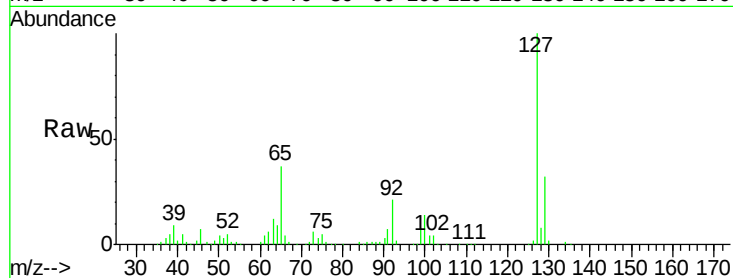




#33
4-Chloroaniline
Concen: 15.47 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

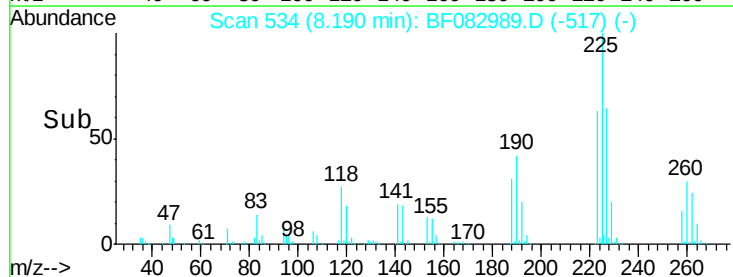
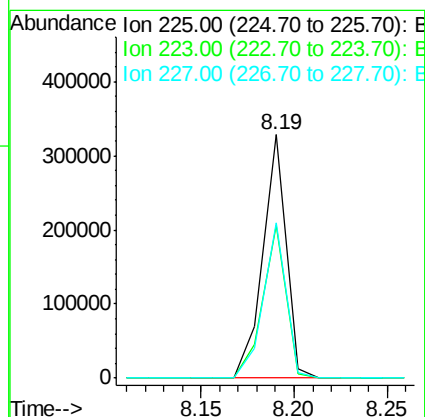
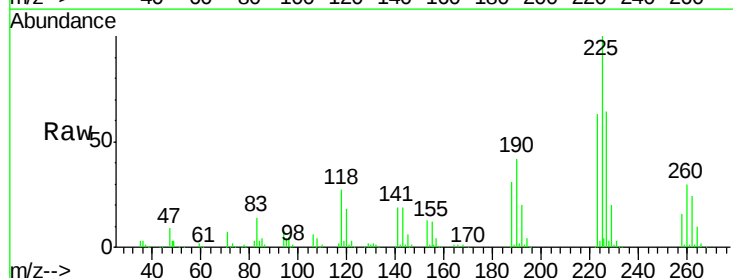
Instrument :
BNA_F
ClientSampleId :

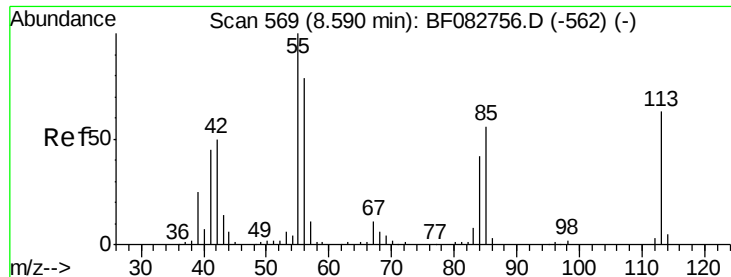
Tot Ion:	127	Resp:	242138
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	36.5	37.8	56.8#
92	21.2	20.6	31.0



#34
Hexachlorobutadiene
Concen: 38.19 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:	225	Resp:	281901
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.5	75.7
227	63.8	50.2	75.2

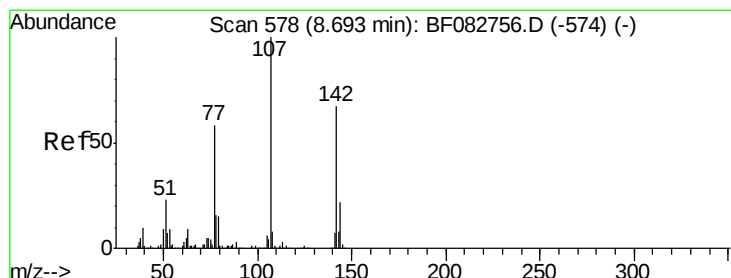
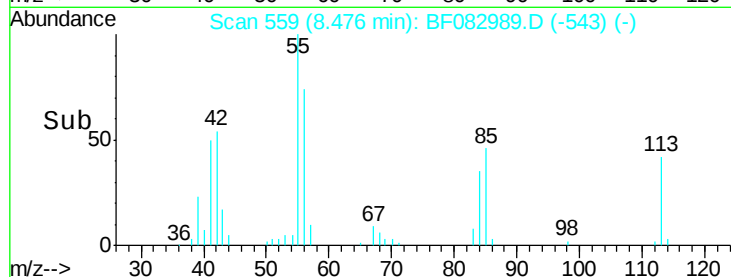
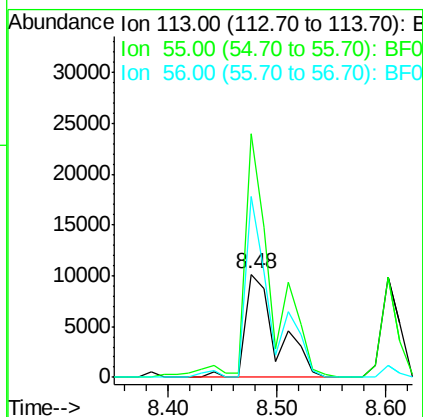
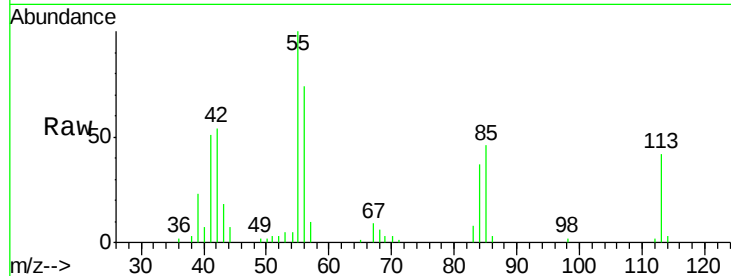




#35
 Caprolactam
 Concen: 6.05 ng
 RT: 8.48 min Scan# 559
 Delta R.T. -0.11 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

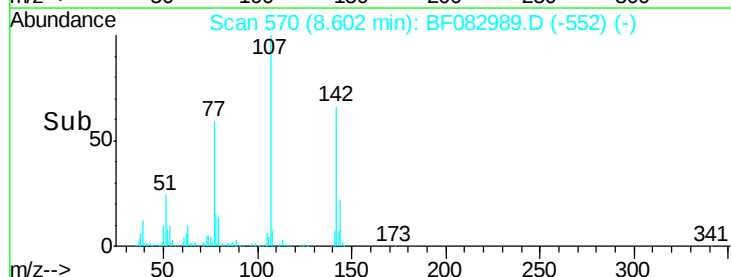
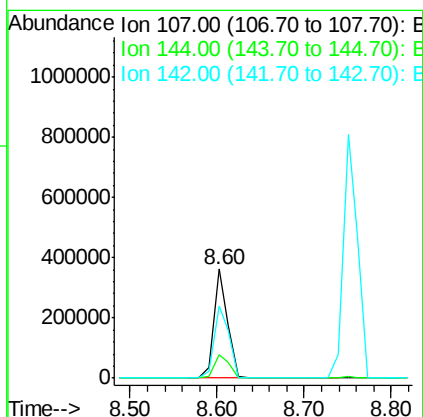
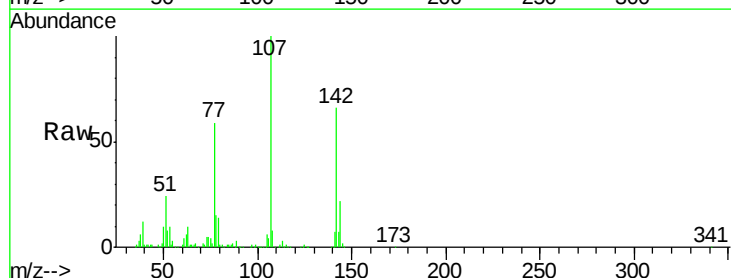
Instrument :
 BNA_F
 ClientSampleId :

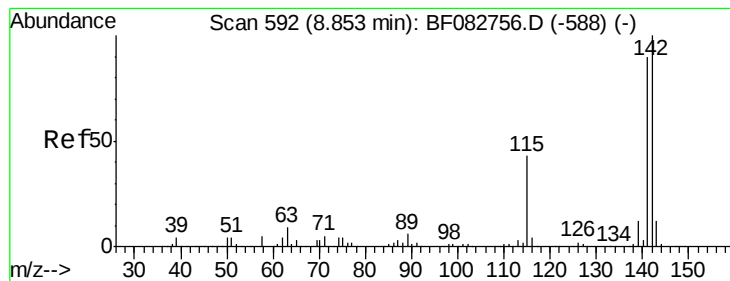
Tot Ion:113 Resp: 20011
 Ion Ratio Lower Upper
 113 100
 55 235.9 195.5 235.5#
 56 174.8 153.5 193.5



#36
 4-Chloro-3-methylphenol
 Concen: 32.33 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:107 Resp: 398797
 Ion Ratio Lower Upper
 107 100
 144 21.6 15.4 23.0
 142 65.7 47.8 71.8





#37

2-Methylnaphthalene

Concen: 39.68 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

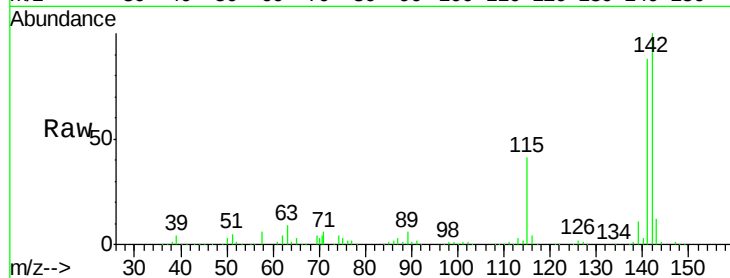
Tot Ion:142 Resp: 932433

Ion Ratio Lower Upper

142 100

141 88.3 72.3 108.5

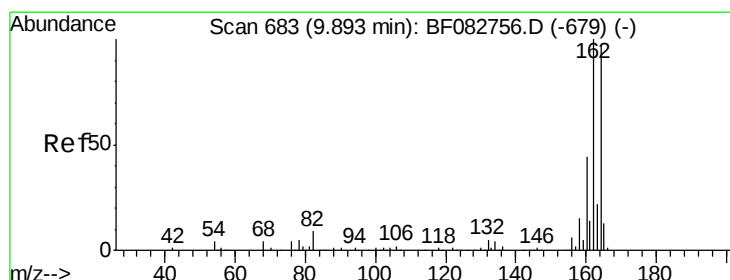
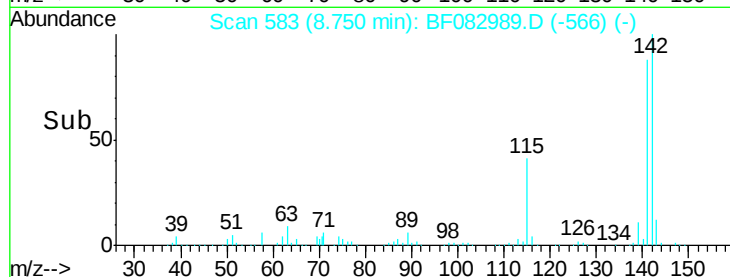
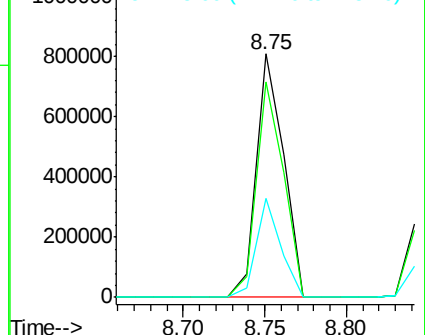
115 40.8 38.1 57.1



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: 9.79 min Scan# 674

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

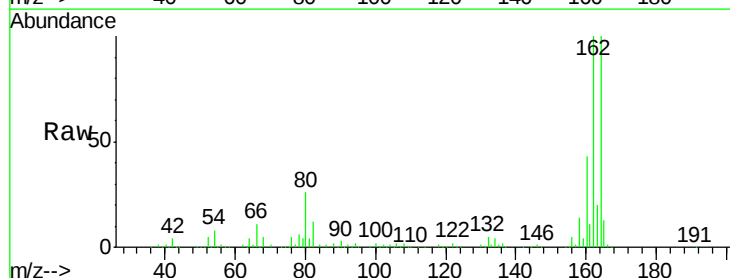
Tgt Ion:164 Resp: 314011

Ion Ratio Lower Upper

164 100

162 100.0 84.9 127.3

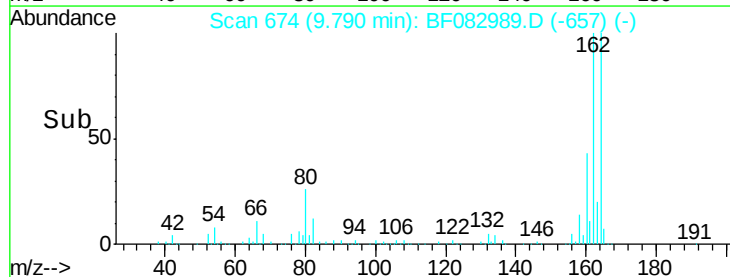
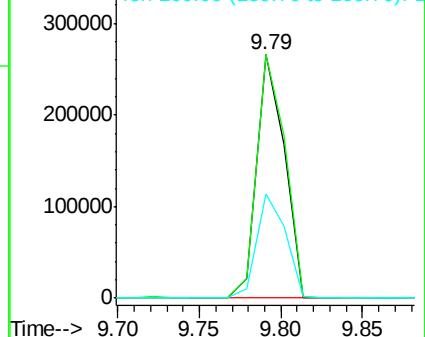
160 43.0 37.5 56.3

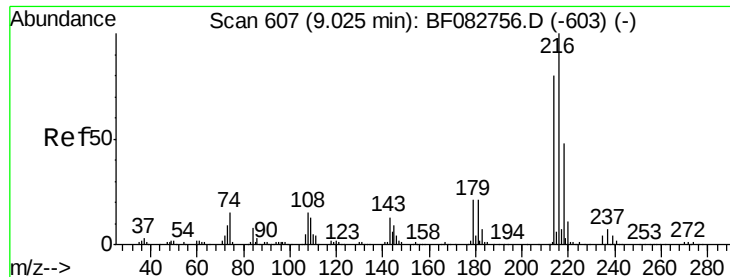


Abundance Ion 164.00 (163.70 to 164.70): E

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: 39.18 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.10 min

Lab File: BF082989.D

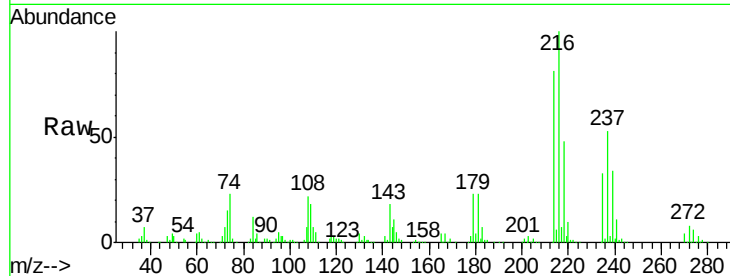
Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	404309
Ion Ratio	Lower	Upper
216	100	
214	80.5	62.2 93.2
179	21.8	18.1 27.1
108	22.9	16.6 25.0

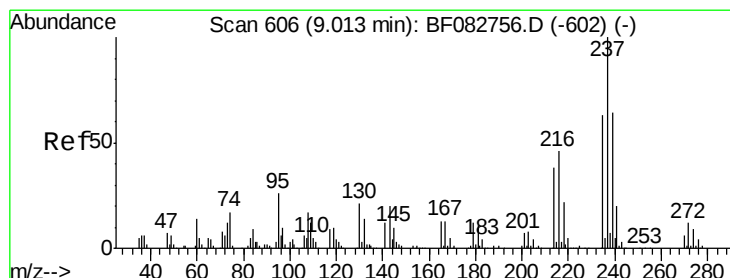
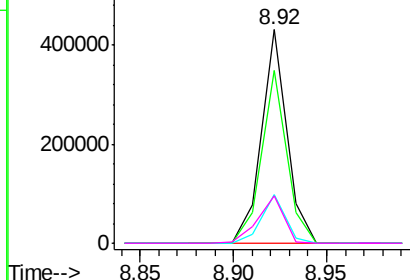
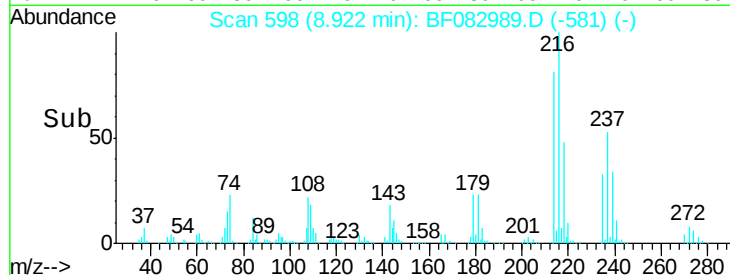


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.21 ng

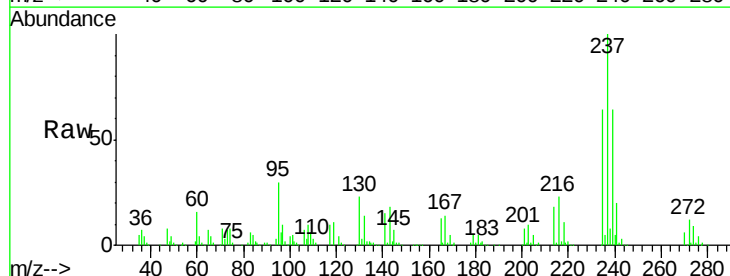
RT: 8.91 min Scan# 597

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

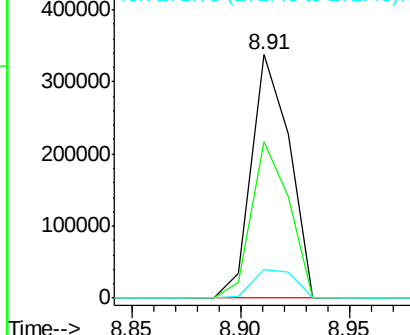
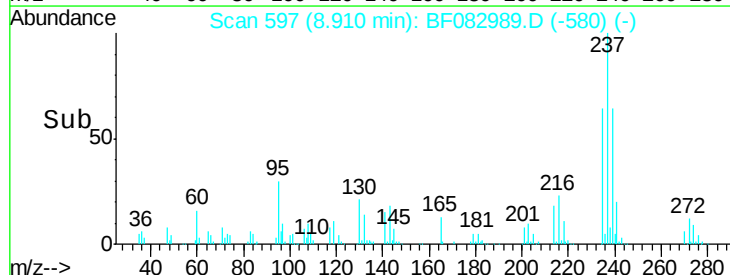
Tgt Ion:237	Resp:	411385
Ion Ratio	Lower	Upper
237	100	
235	64.4	44.3 84.3
272	11.8	0.0 31.9

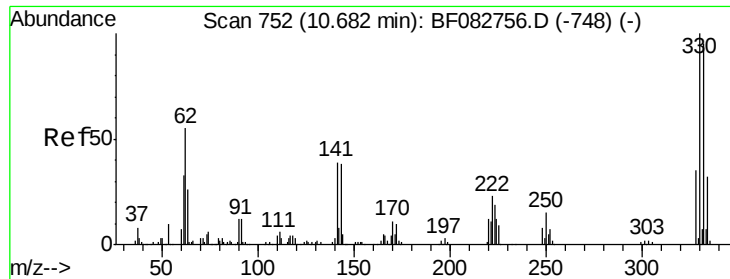


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

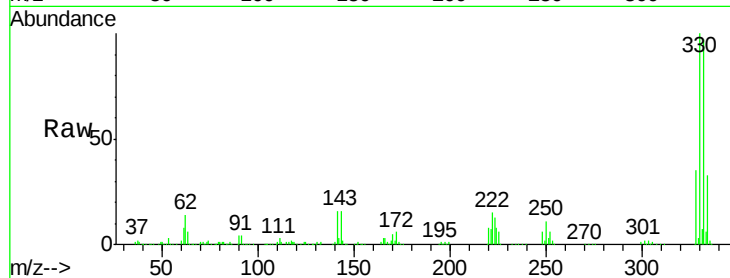




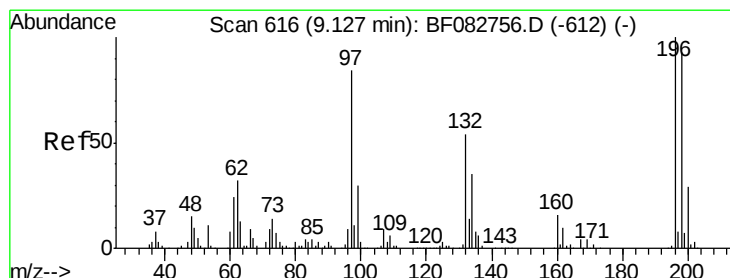
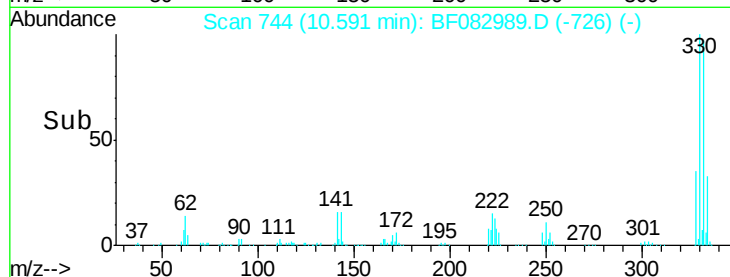
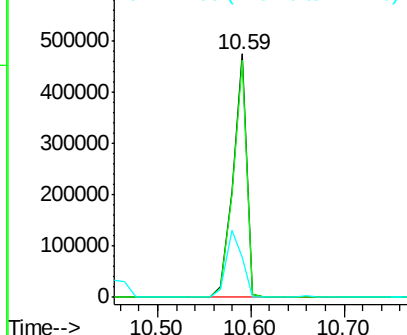
#41
 2,4,6-Tribromophenol
 Concen: 135.40 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 487491
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 32.2 41.2 61.8#

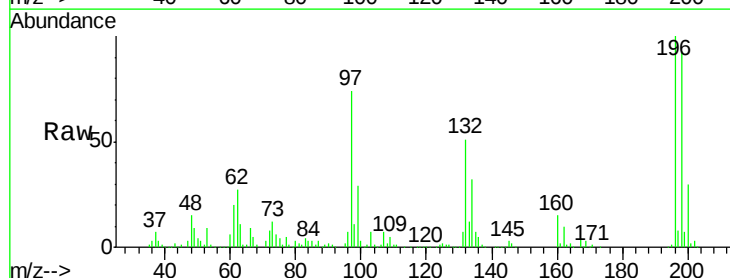


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

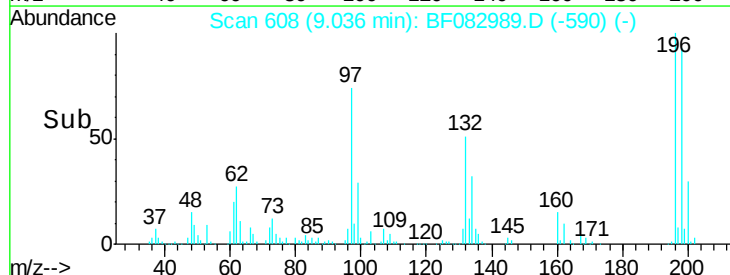
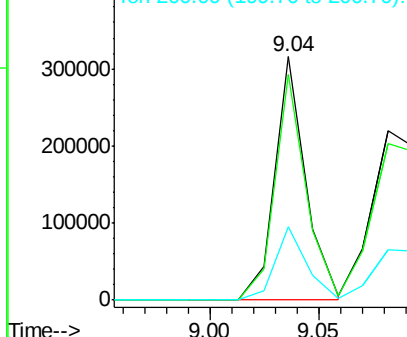


#42
 2,4,6-Trichlorophenol
 Concen: 40.79 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:196 Resp: 314180
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.3 114.5
 200 30.0 23.9 35.9



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

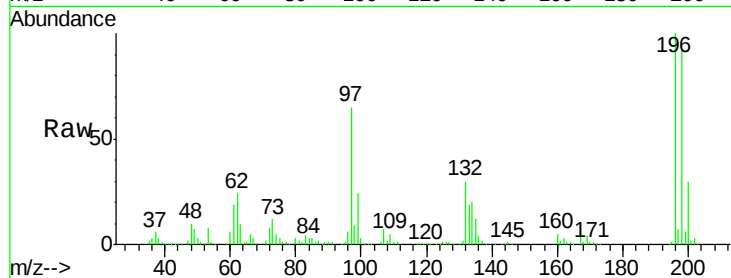




#43
 2,4,5-Trichlorophenol
 Concen: 44.44 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.8	113.8
97	64.7	62.3	93.5
132	30.4	27.4	41.2



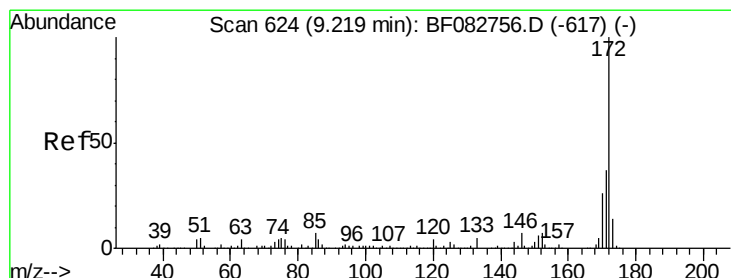
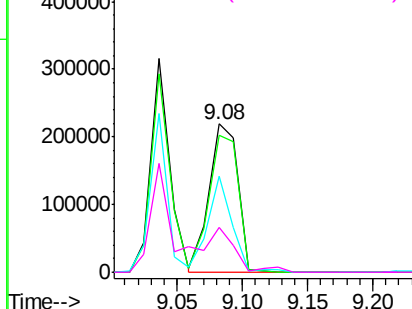
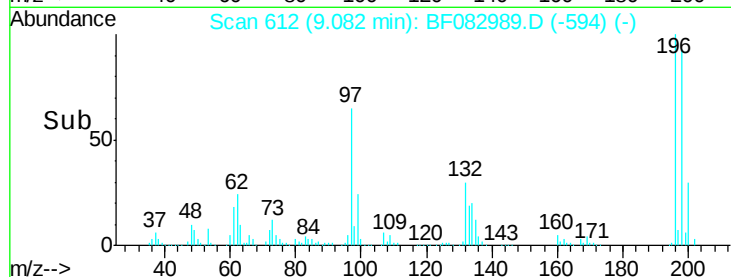
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

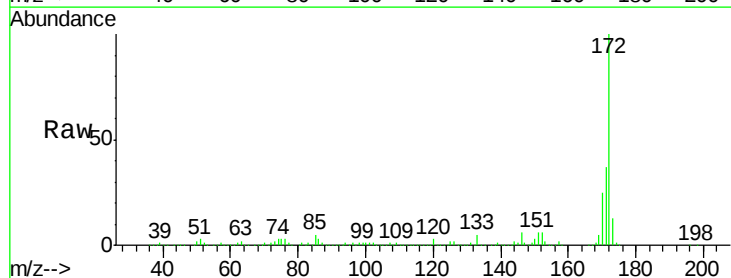
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	25.1	21.2	31.8

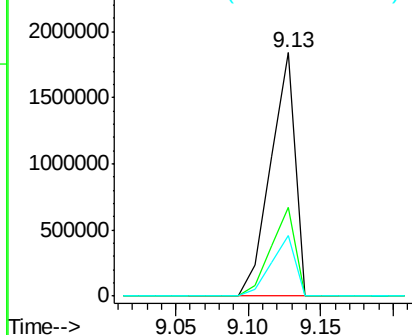
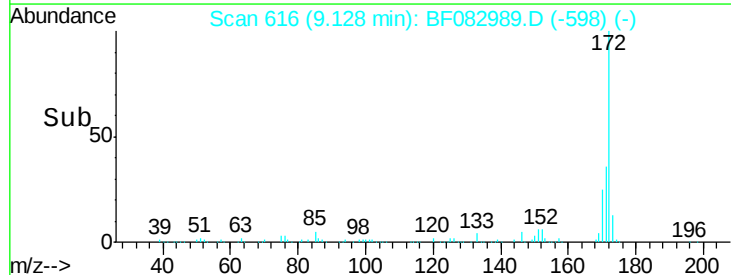


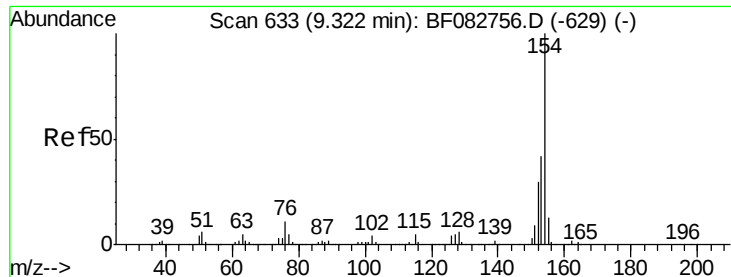
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

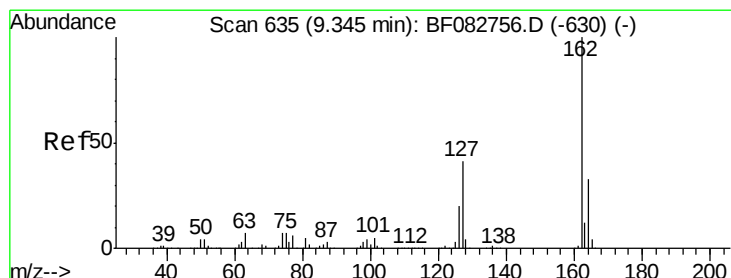
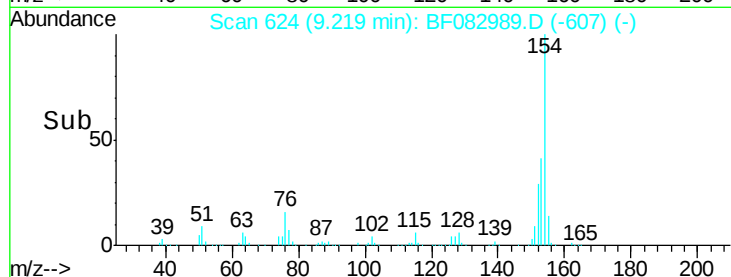
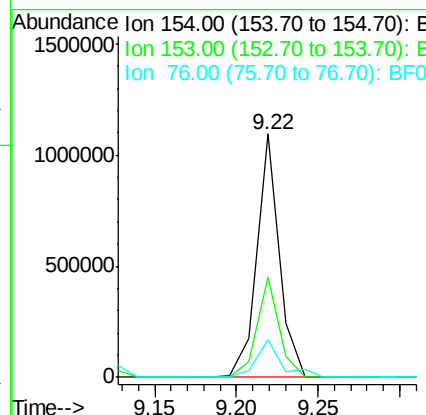
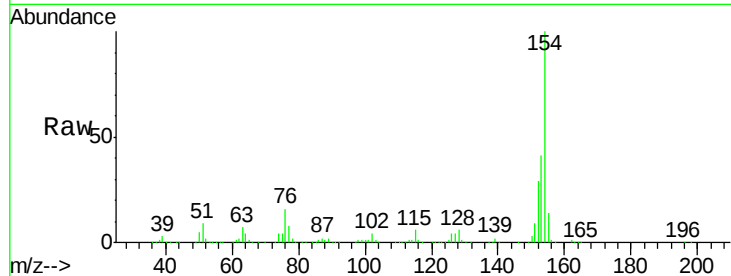




#45
 1,1'-Biphenyl
 Concen: 38.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

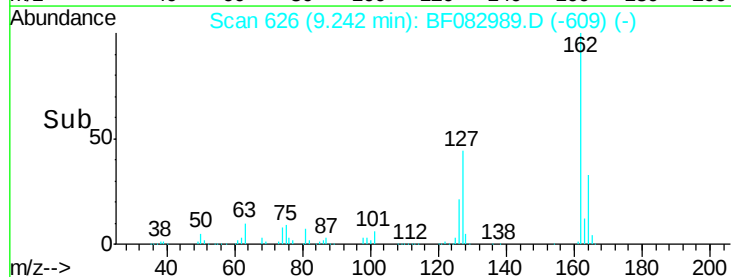
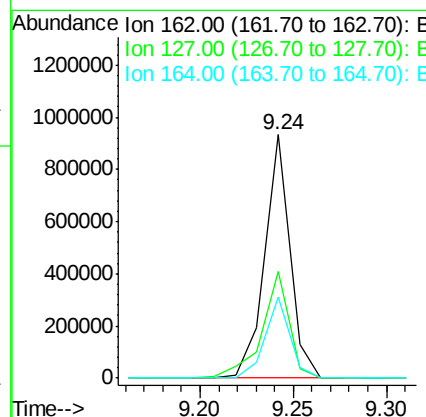
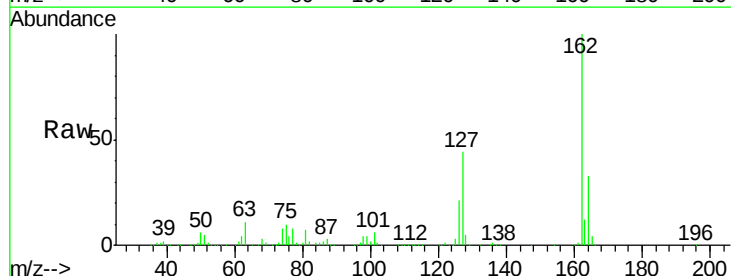
Instrument :
 BNA_F
 ClientSampled :

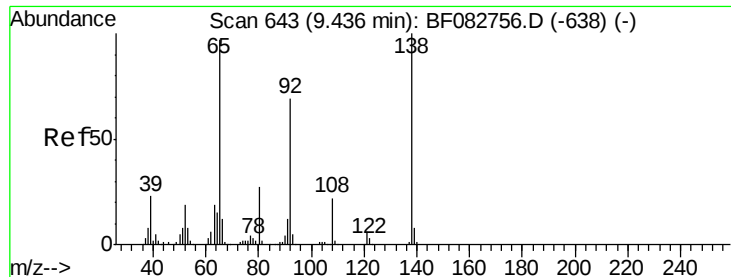
Tot Ion:154 Resp: 1044034
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.0 62.0
 76 15.6 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 41.43 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:162 Resp: 870699
 Ion Ratio Lower Upper
 162 100
 127 43.9 32.7 49.1
 164 33.1 27.4 41.0

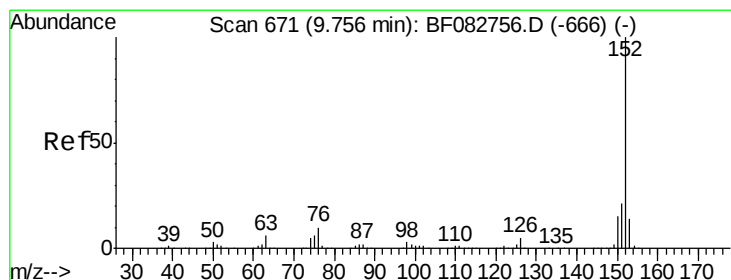
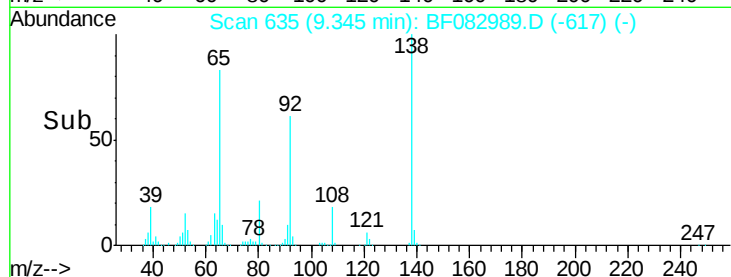
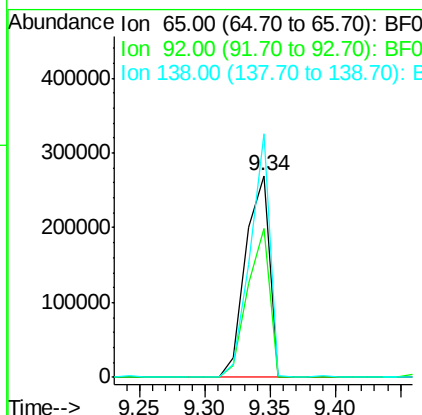
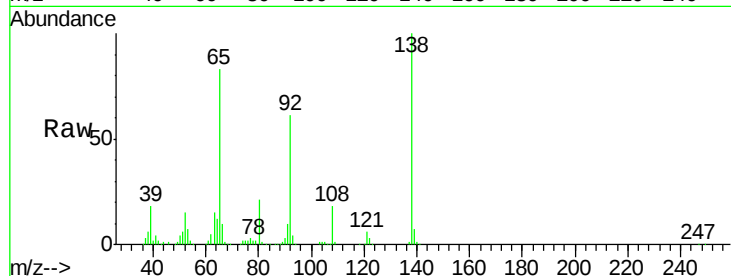




#47
2-Nitroaniline
Concen: 43.88 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

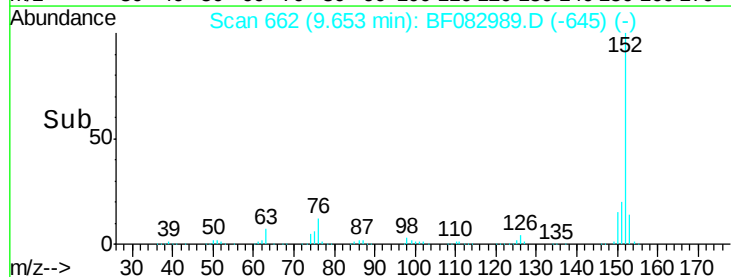
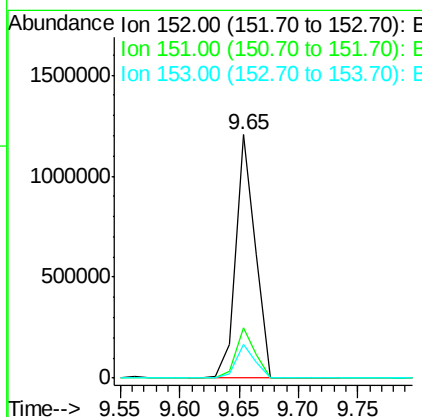
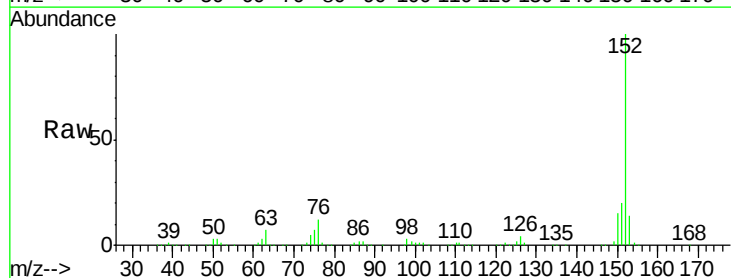
Instrument :
BNA_F
ClientSampleId :

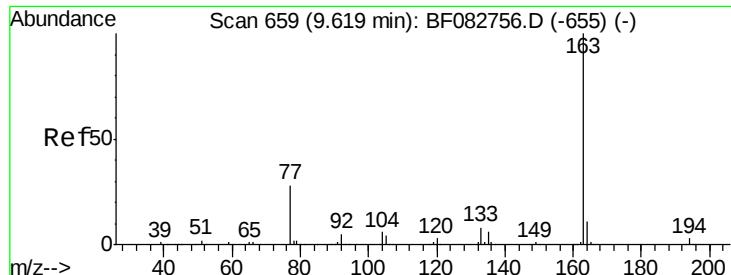
Tot Ion: 65 Resp: 342111
Ion Ratio Lower Upper
65 100
92 74.0 46.6 70.0#
138 120.9 54.6 81.8#



#48
Acenaphthylene
Concen: 41.42 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion: 152 Resp: 1364485
Ion Ratio Lower Upper
152 100
151 20.5 17.3 25.9
153 14.0 11.3 16.9

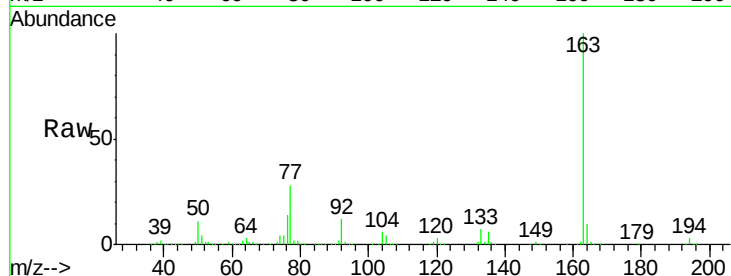




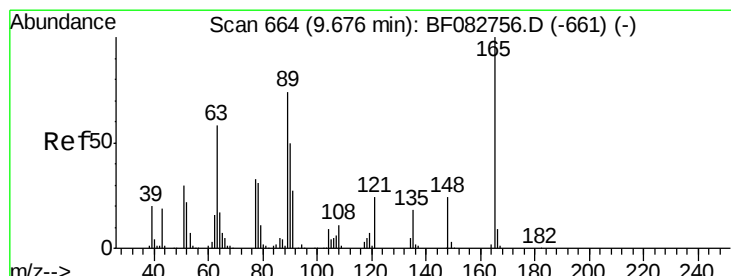
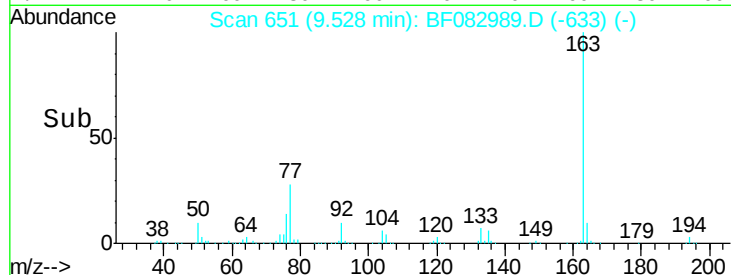
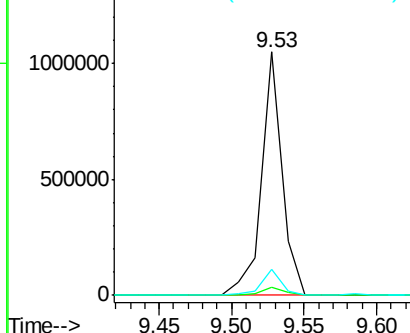
#49
Dimethylphthalate
Concen: 40.03 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1029940
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.7 13.1

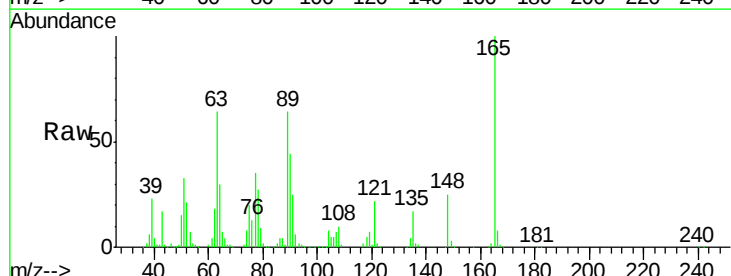


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

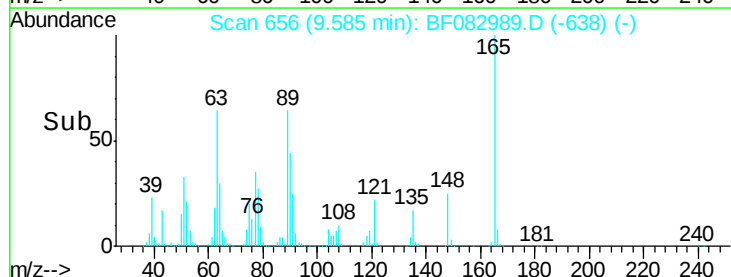
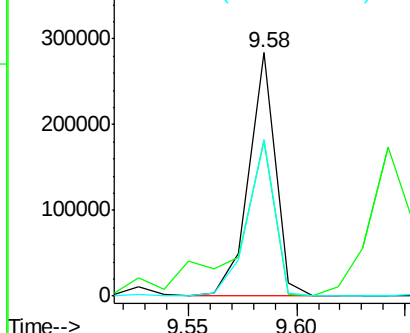


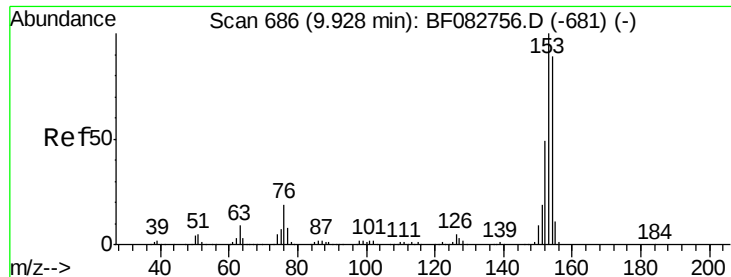
#50
2,6-Dinitrotoluene
Concen: 44.08 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:165 Resp: 241969
Ion Ratio Lower Upper
165 100
63 63.8 55.5 83.3
89 64.5 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: 48.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

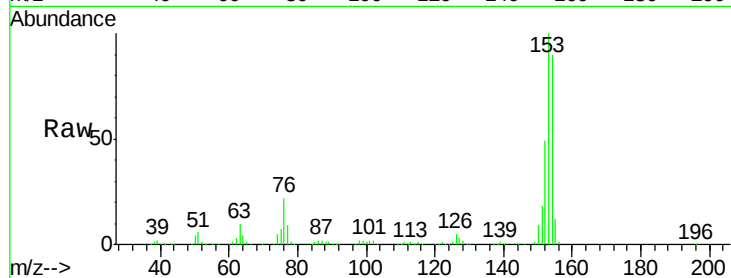
Tot Ion:154 Resp: 1002035

Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

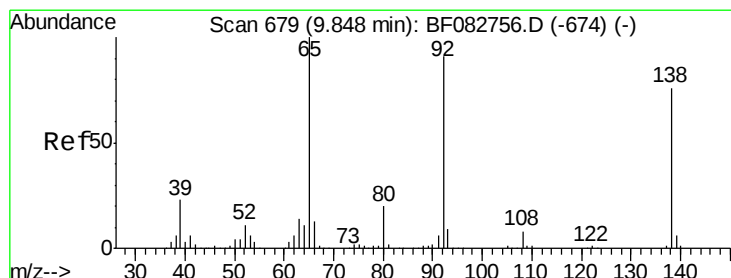
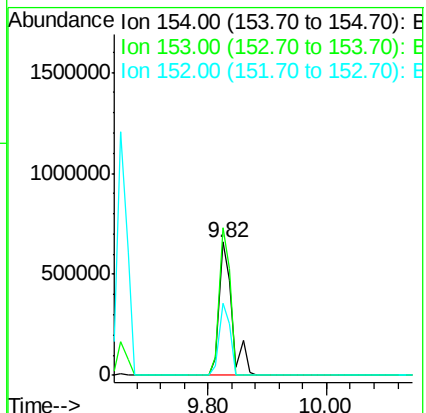
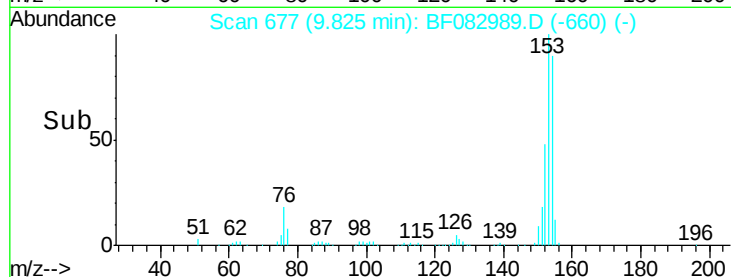
152 54.2 44.3 66.5



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: 18.91 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

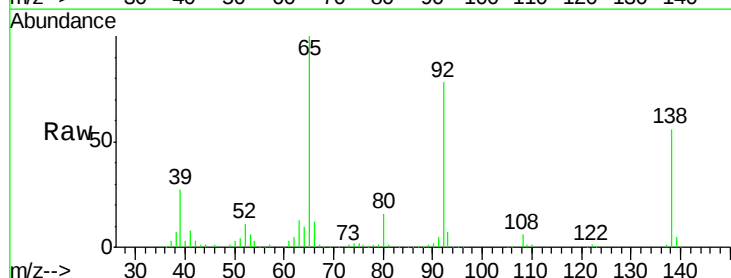
Tgt Ion:138 Resp: 114160

Ion Ratio Lower Upper

138 100

108 11.5 11.3 16.9

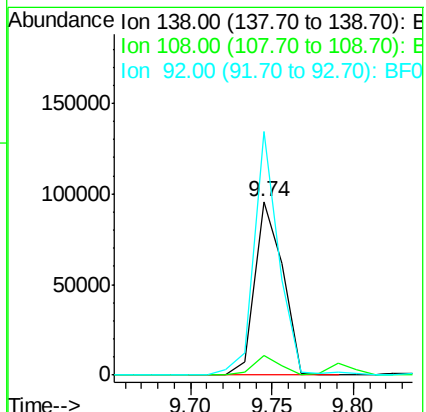
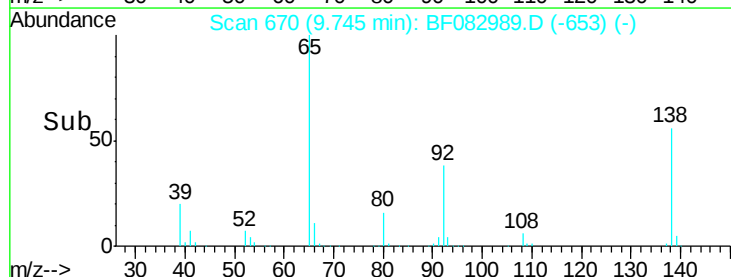
92 140.3 122.4 183.6

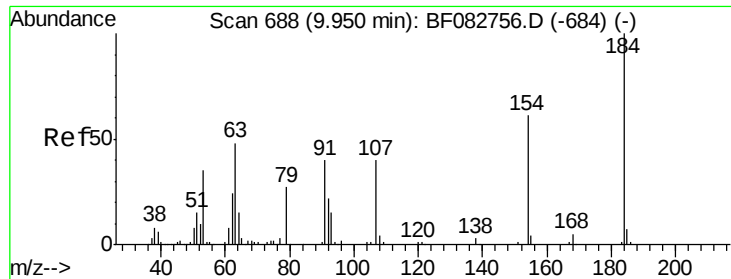


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

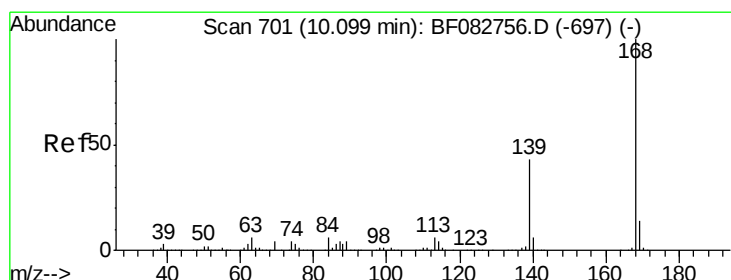
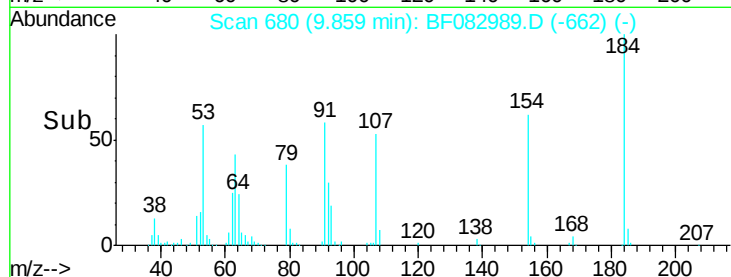
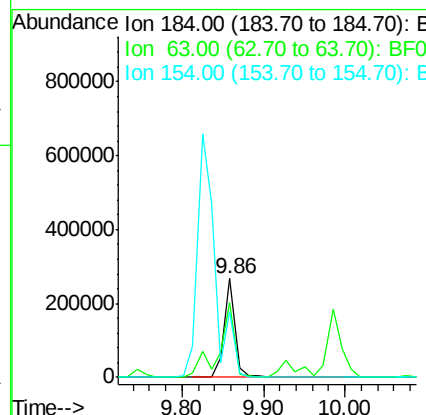
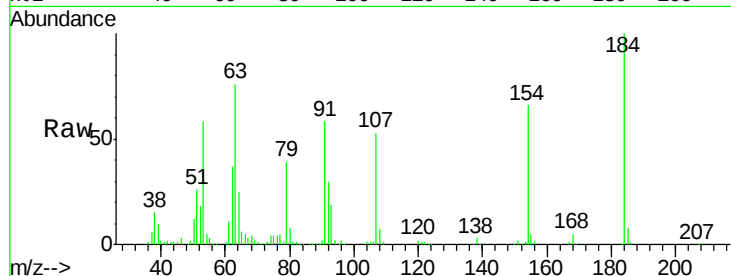




#53
 2,4-Dinitrophenol
 Concen: 83.41 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

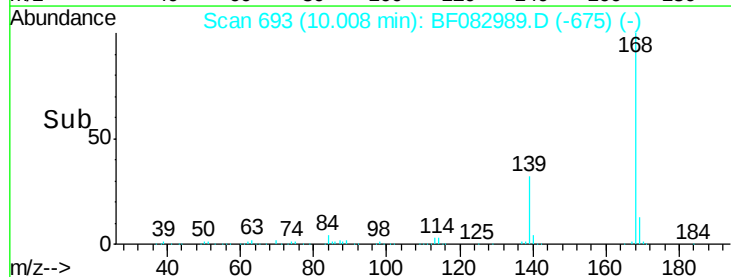
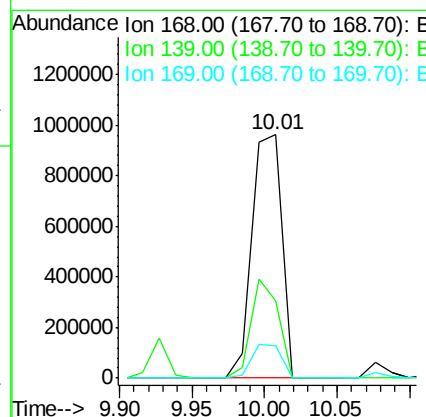
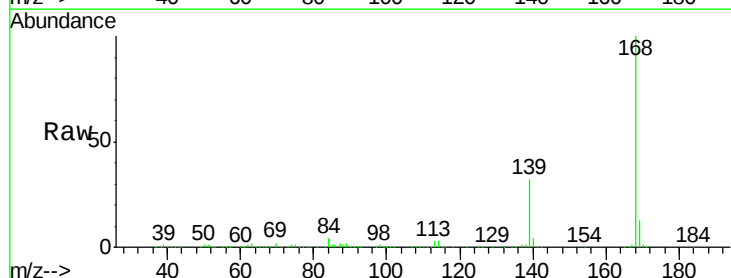
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 251385
 Ion Ratio Lower Upper
 184 100
 63 76.3 98.6 148.0#
 154 66.1 183.9 275.9#



#54
 Dibenzofuran
 Concen: 48.67 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:168 Resp: 1369772
 Ion Ratio Lower Upper
 168 100
 139 31.8 37.8 56.6#
 169 13.3 11.3 16.9

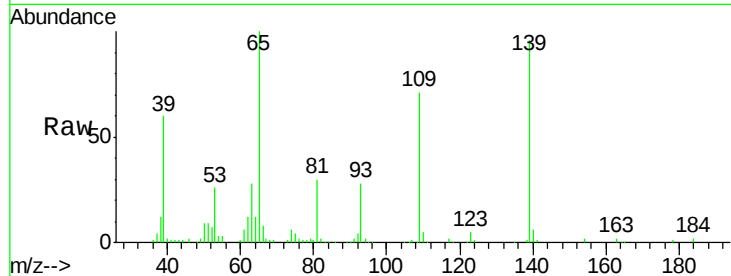




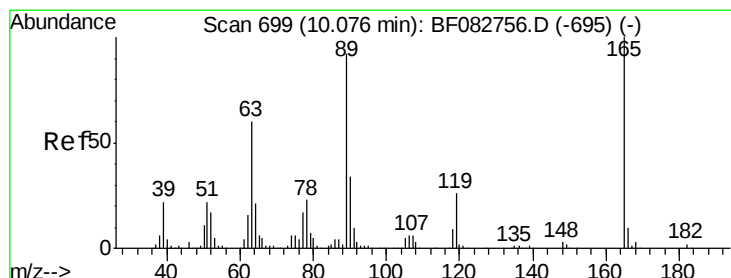
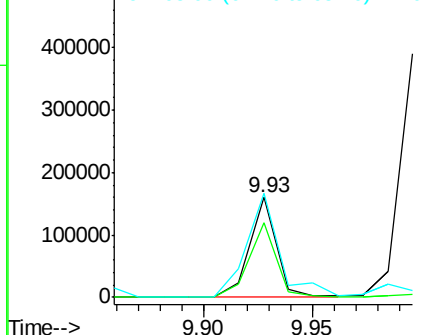
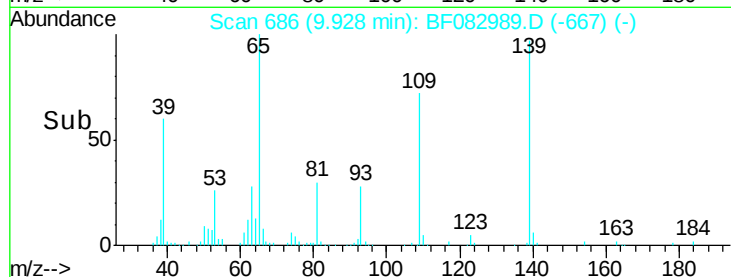
#55
4-Nitrophenol
Concen: 30.11 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.08 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 139450
Ion Ratio Lower Upper
139 100
109 74.1 73.7 113.7
65 103.9 82.9 122.9

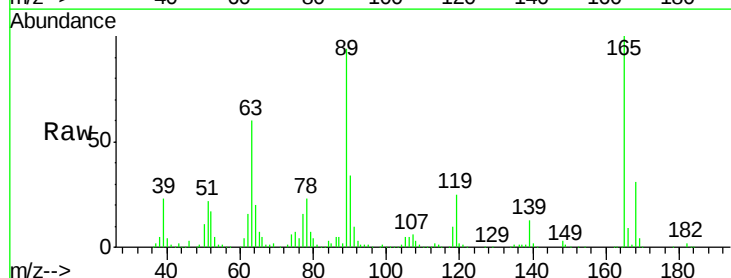


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

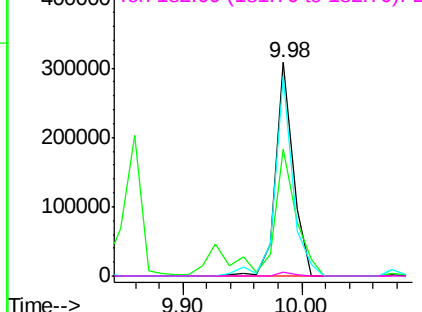
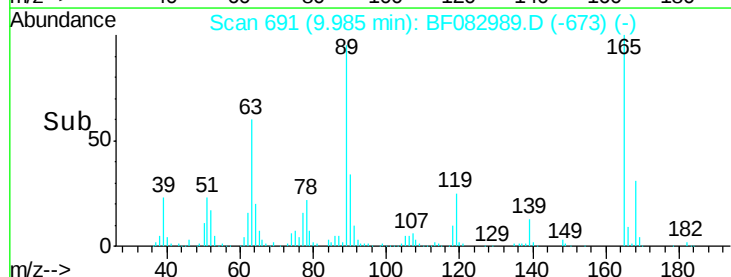


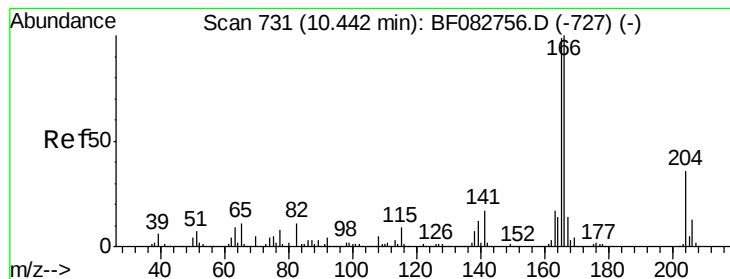
#56
2,4-Dinitrotoluene
Concen: 42.06 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:165 Resp: 313236
Ion Ratio Lower Upper
165 100
63 59.5 43.4 65.0
89 93.6 70.6 106.0
182 2.0 1.5 2.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.45 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

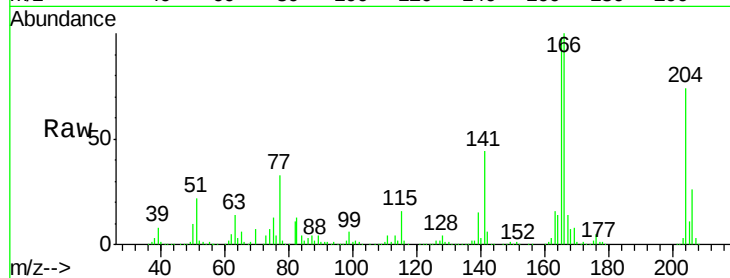
Tot Ion:166 Resp: 944766

Ion Ratio Lower Upper

166 100

165 97.7 80.2 120.4

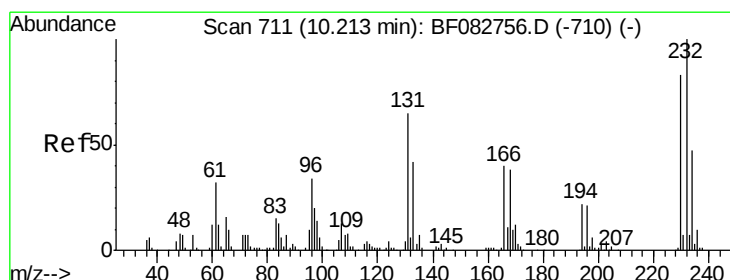
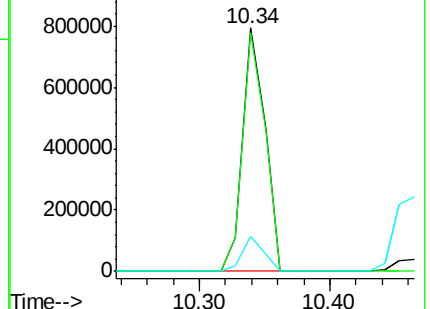
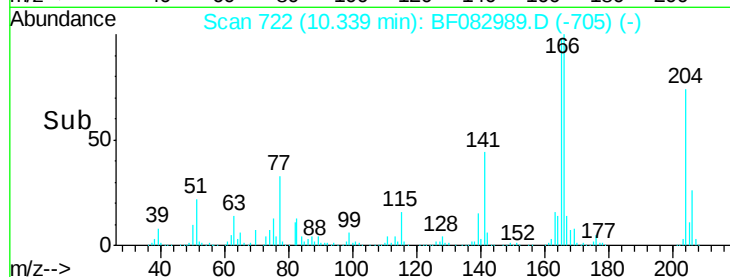
167 14.4 11.2 16.8



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: 42.87 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion:232 Resp: 266535

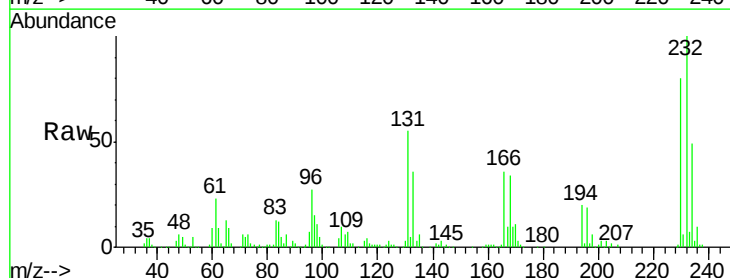
Ion Ratio Lower Upper

232 100

131 50.1 46.2 69.2

130 2.4 2.4 3.6

166 32.8 28.2 42.2

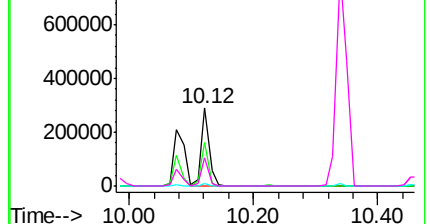
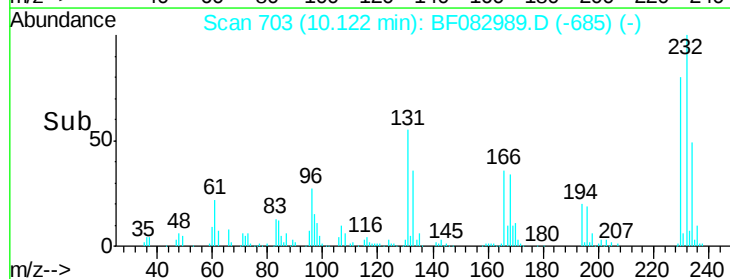


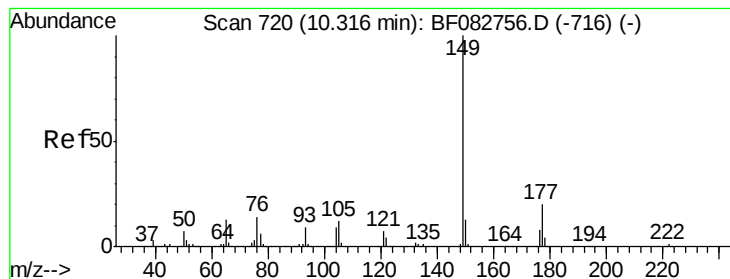
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.75 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

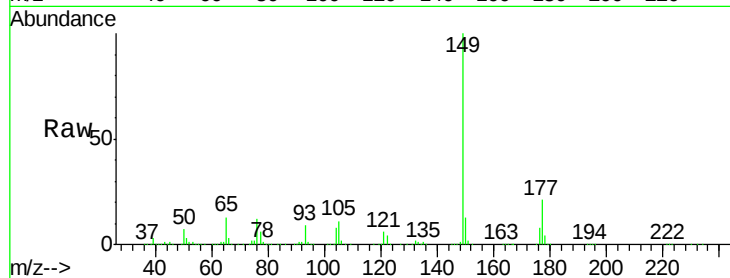
Tot Ion:149 Resp: 1099027

Ion Ratio Lower Upper

149 100

177 21.1 17.9 26.9

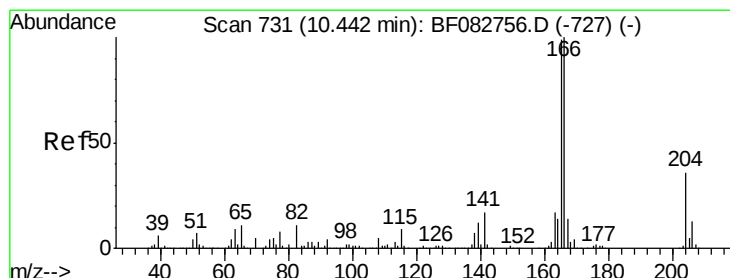
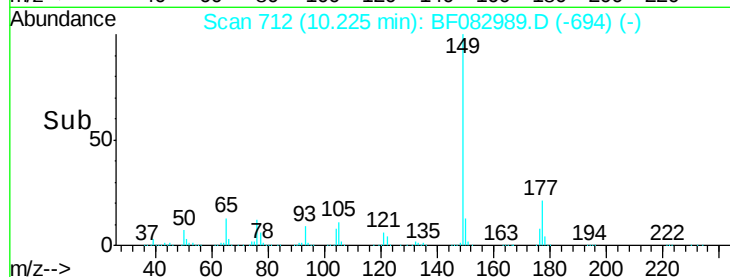
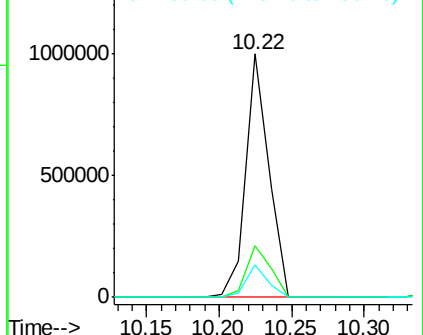
150 13.1 10.1 15.1



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: 43.52 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

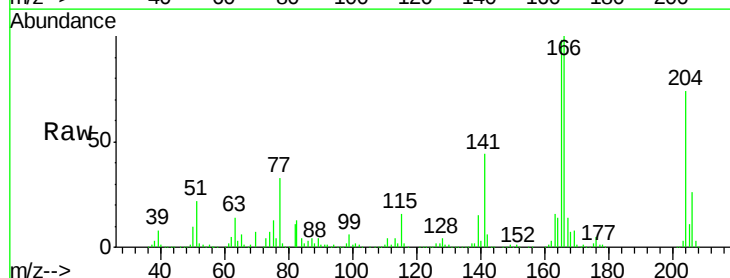
Tgt Ion:204 Resp: 496356

Ion Ratio Lower Upper

204 100

206 34.8 28.5 42.7

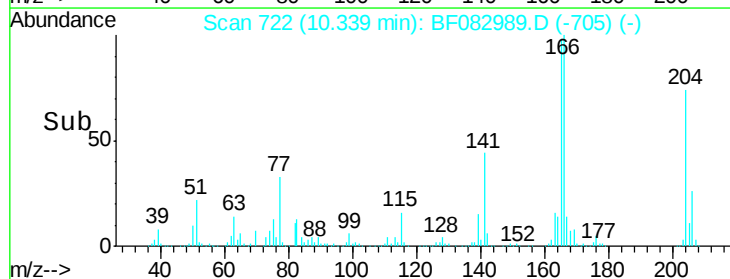
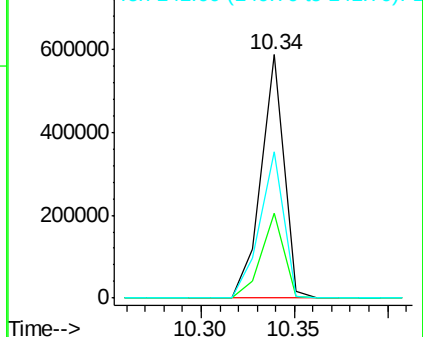
141 60.1 44.6 66.8

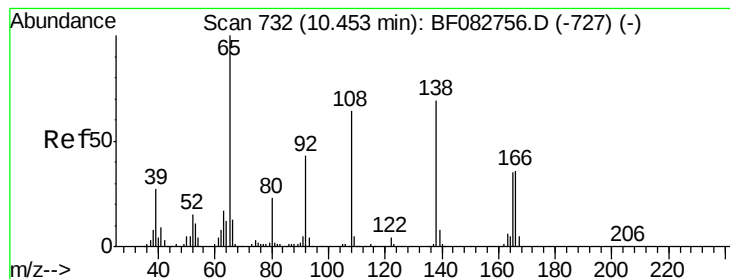


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.44 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

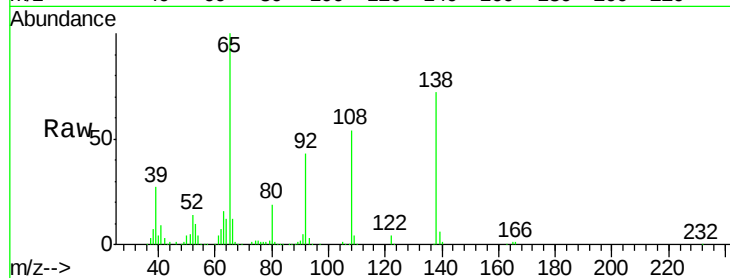
Tot Ion:138 Resp: 190875

Ion Ratio Lower Upper

138 100

92 59.1 45.8 85.8

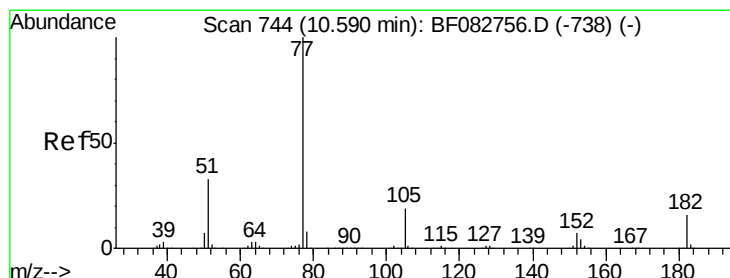
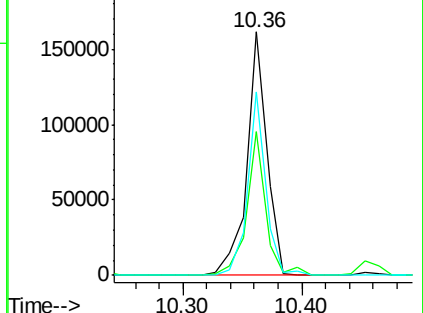
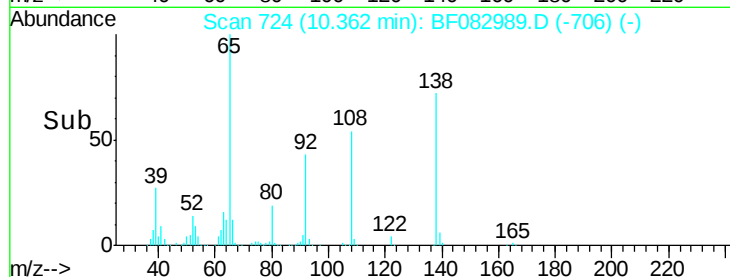
108 75.4 89.4 129.4#



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: 49.83 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Tgt Ion: 77 Resp: 1344656

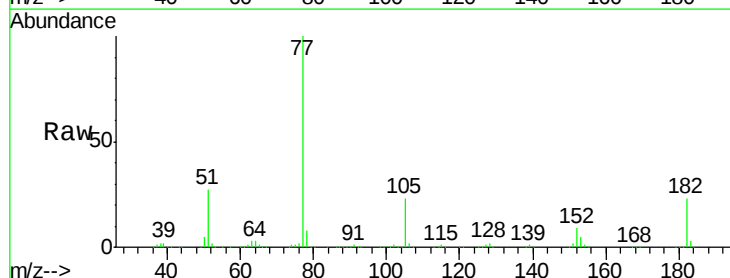
Ion Ratio Lower Upper

77 100

182 22.8 9.3 49.3

105 22.8 2.6 42.6

51 27.4 9.9 49.9

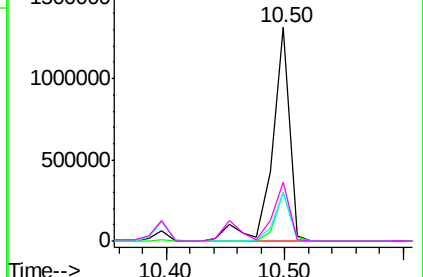
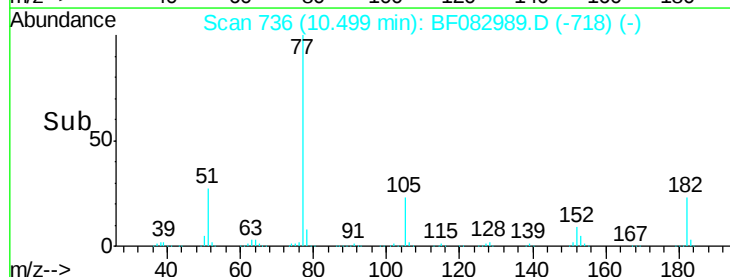


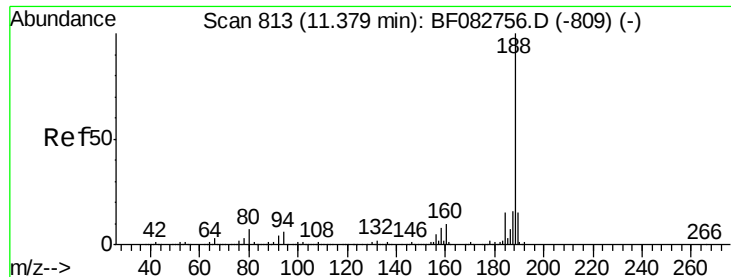
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

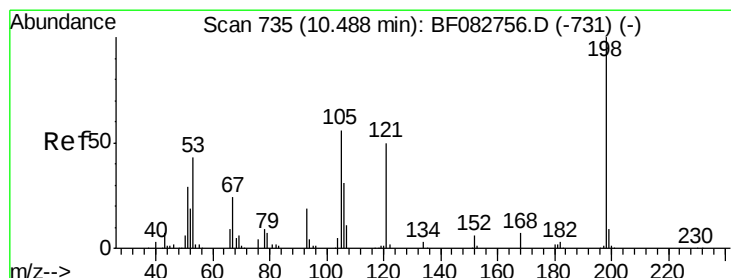
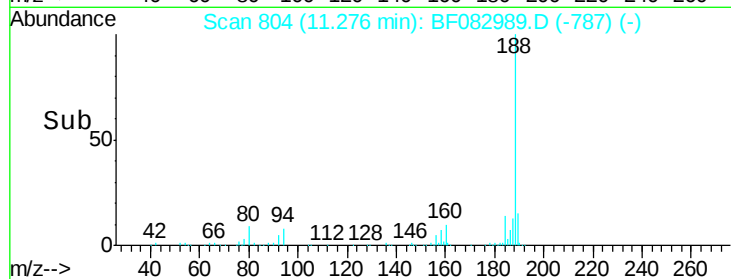
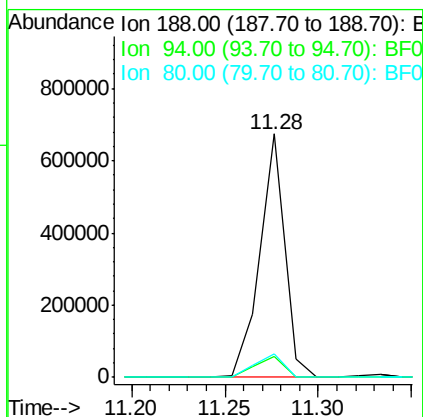
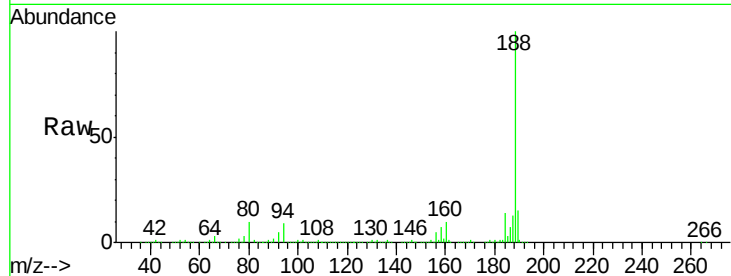




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

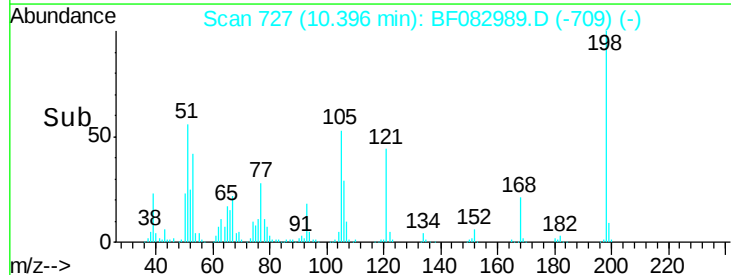
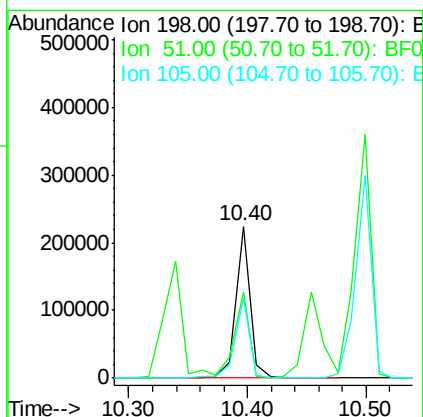
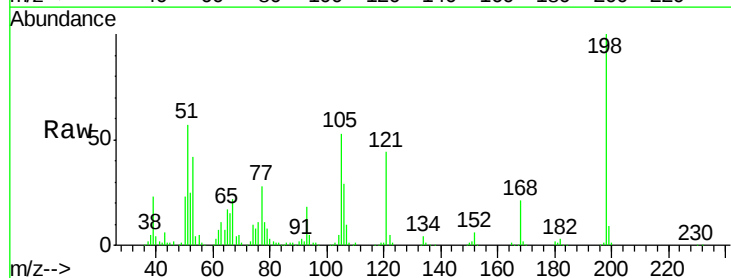
Instrument :
BNA_F
ClientSampled :

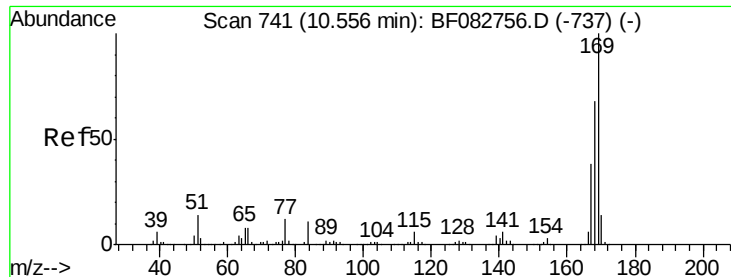
Tot Ion:188 Resp: 623057
Ion Ratio Lower Upper
188 100
94 8.8 6.1 9.1
80 9.6 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 42.53 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:198 Resp: 188766
Ion Ratio Lower Upper
198 100
51 56.6 17.3 57.3
105 52.7 21.7 61.7





#65

n-Nitrosodiphenylamine

Concen: 40.83 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

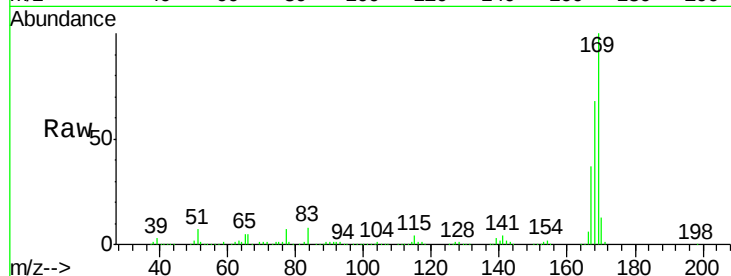
Tot Ion:169 Resp: 918999

Ion Ratio Lower Upper

169 100

168 67.7 55.0 82.6

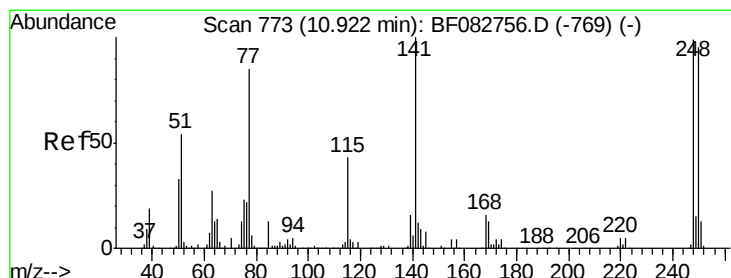
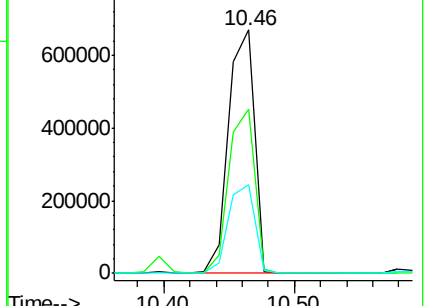
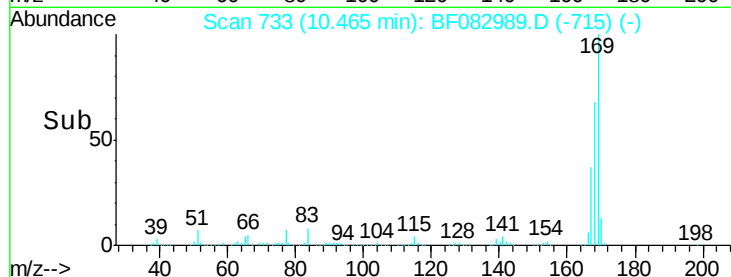
167 36.6 30.5 45.7



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: 41.26 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

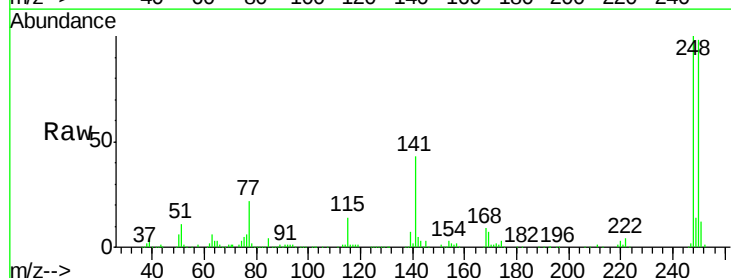
Tgt Ion:248 Resp: 309548

Ion Ratio Lower Upper

248 100

250 98.2 79.4 119.2

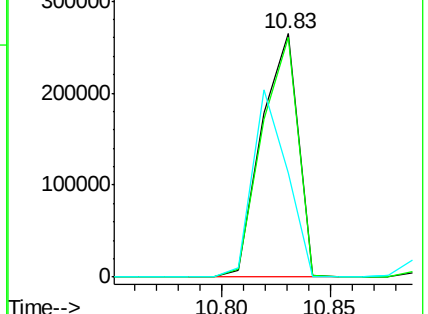
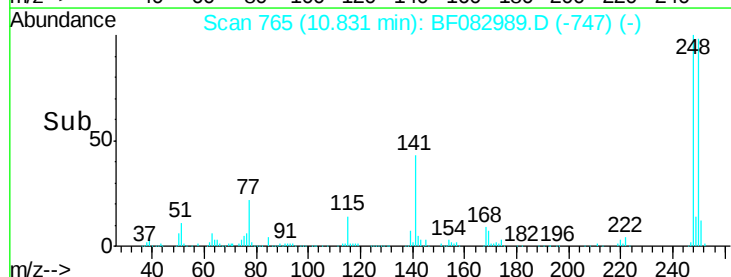
141 43.0 36.3 54.5

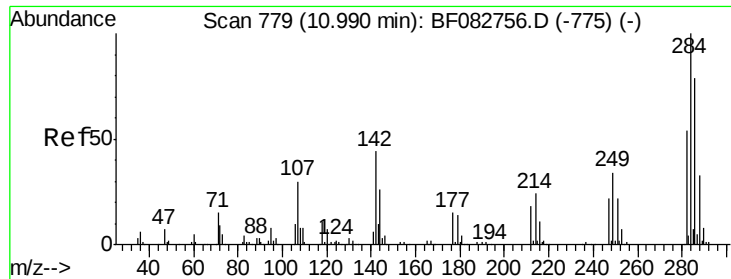


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

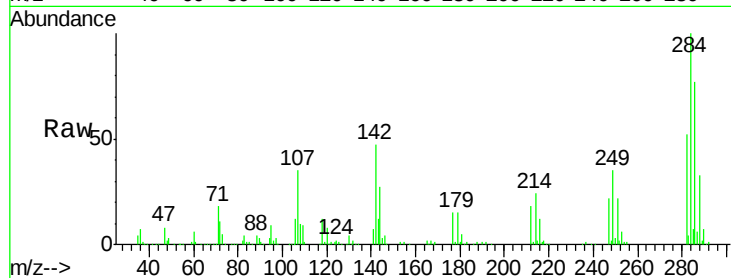




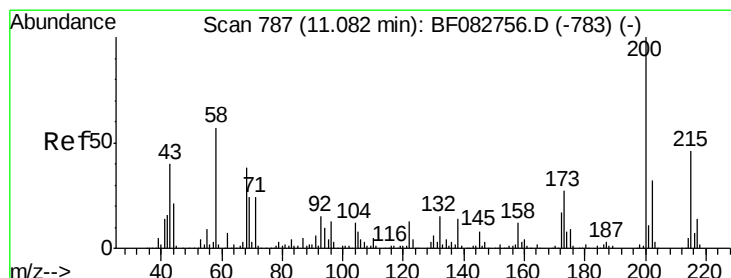
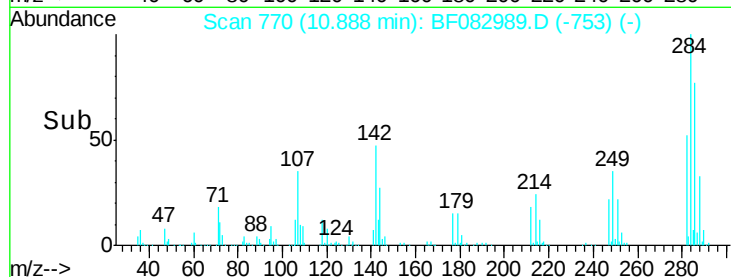
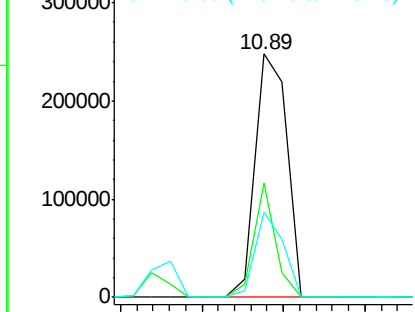
#67
Hexachlorobenzene
Concen: 39.90 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	46.9	47.9	71.9#
249	35.1	29.7	44.5

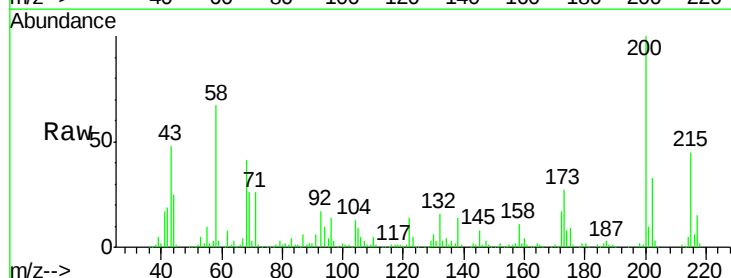


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

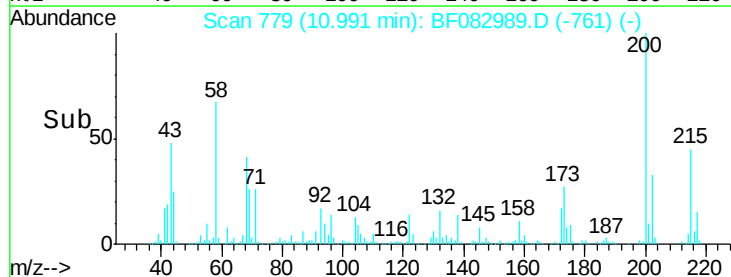
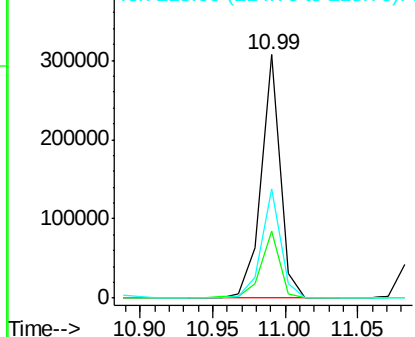


#68
Atrazine
Concen: 40.14 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.09 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.9	46.9
215	44.8	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

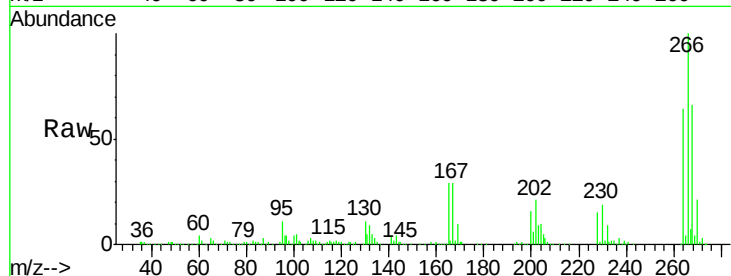




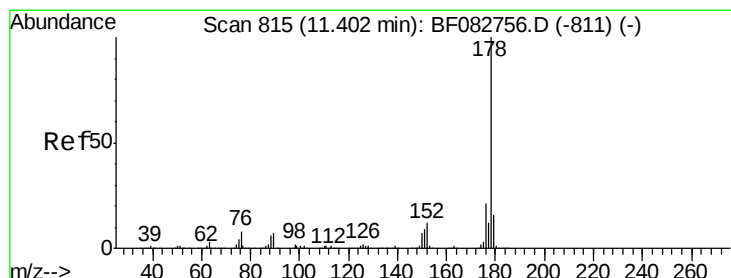
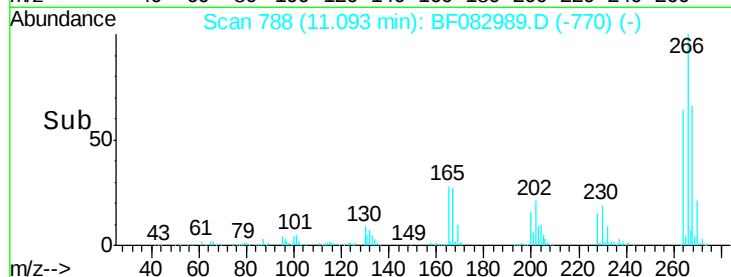
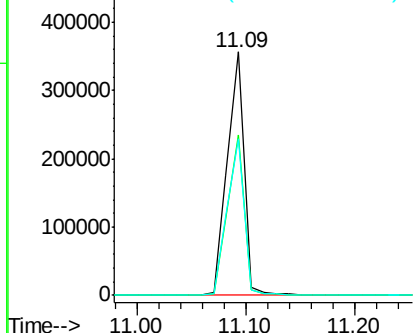
#69
 Pentachlorophenol
 Concen: 75.92 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:266 Resp: 386217
 Ion Ratio Lower Upper
 266 100
 268 66.0 51.0 76.6
 264 64.4 50.6 75.8

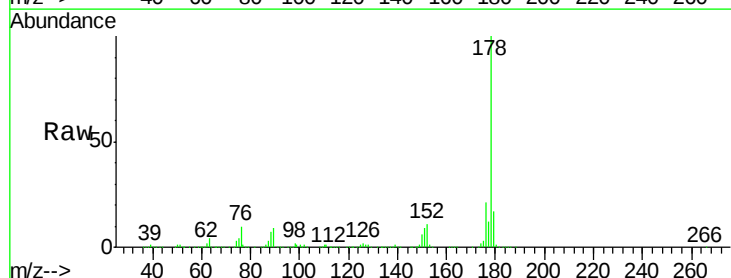


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

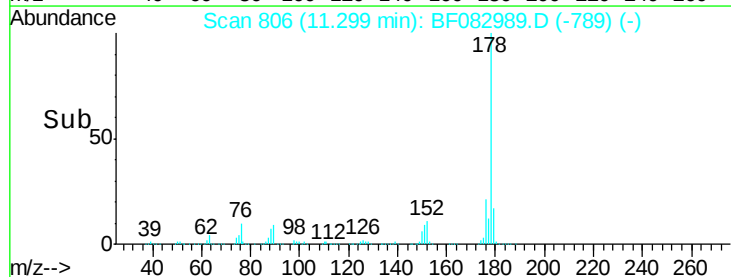
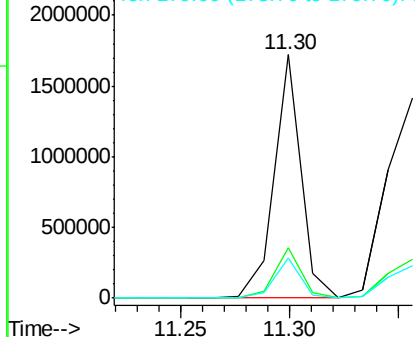


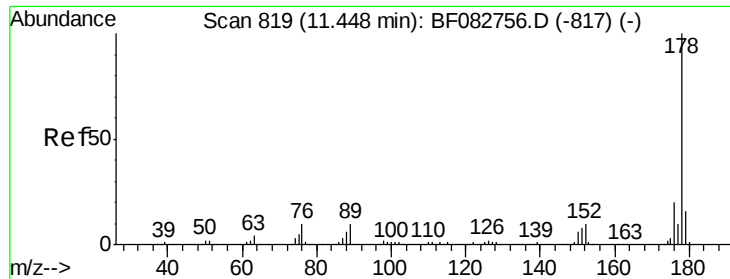
#70
 Phenanthrene
 Concen: 41.35 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:178 Resp: 1496156
 Ion Ratio Lower Upper
 178 100
 176 20.5 17.0 25.4
 179 16.7 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

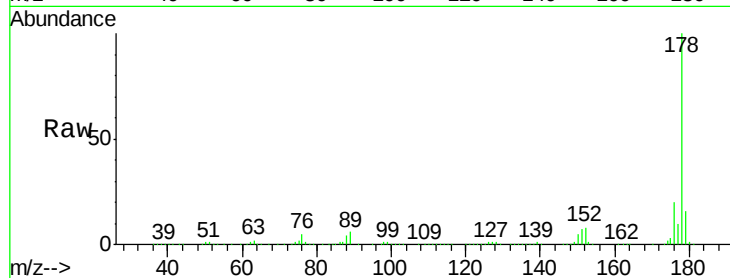




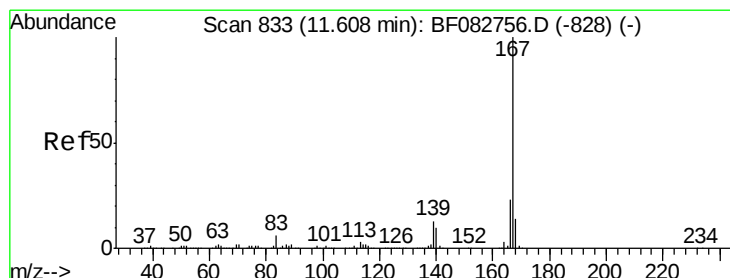
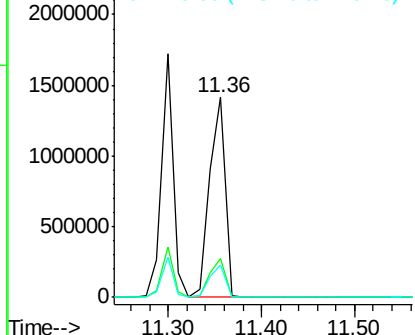
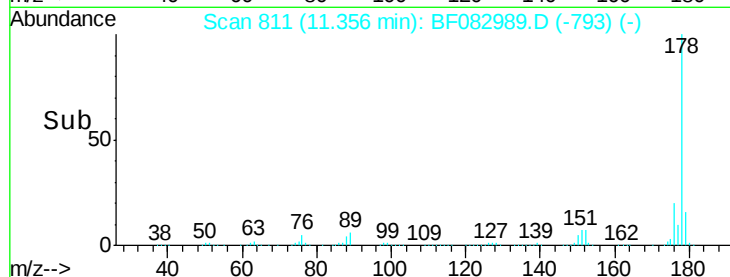
#71
 Anthracene
 Concen: 43.10 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.09 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1642732
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 16.1 13.2 19.8

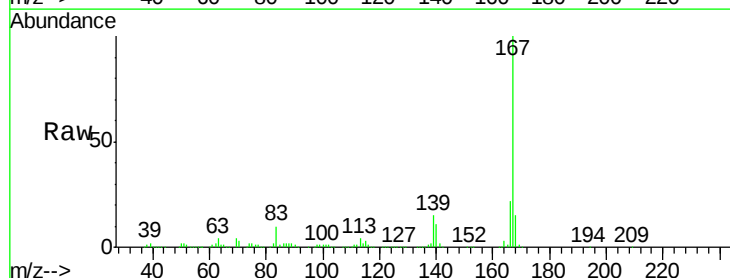


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

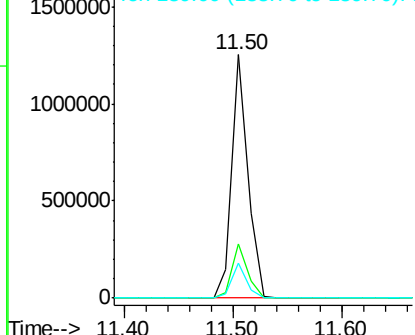
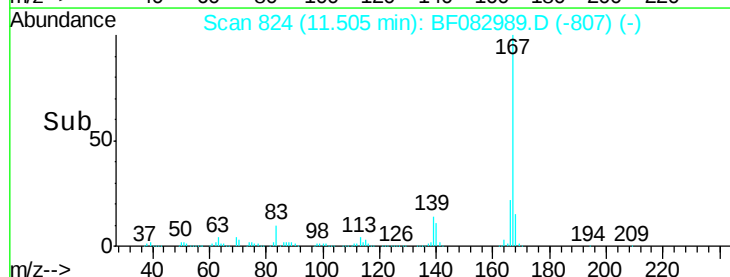


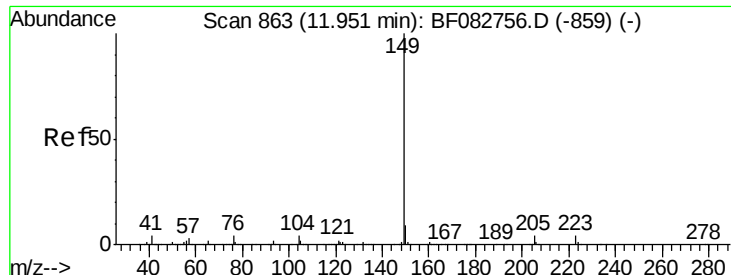
#72
 Carbazole
 Concen: 38.09 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:167 Resp: 1270876
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.7 28.1
 139 14.6 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.12 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

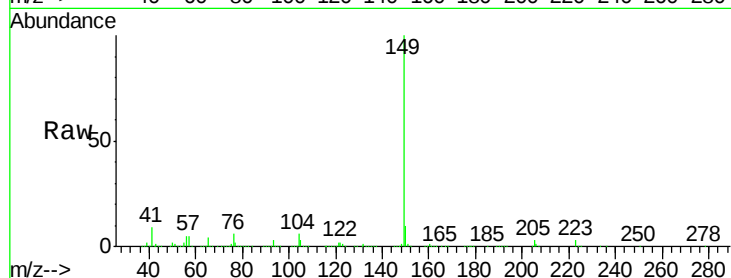
Tot Ion:149 Resp: 1626152

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

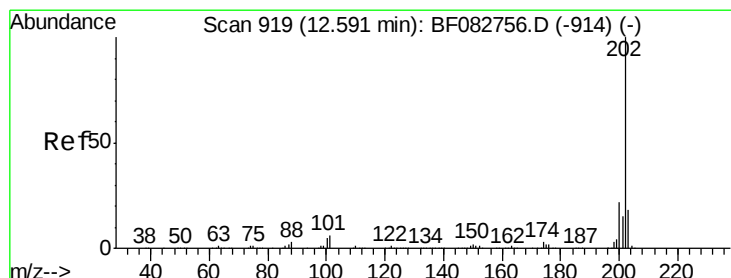
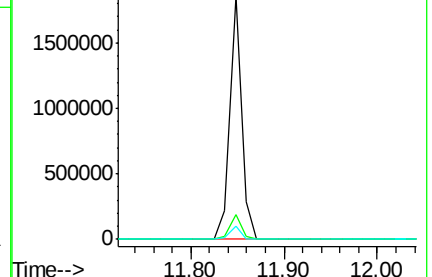
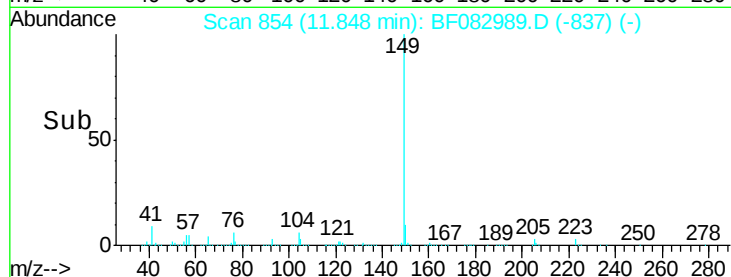
104 5.7 5.2 7.8



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: 43.33 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

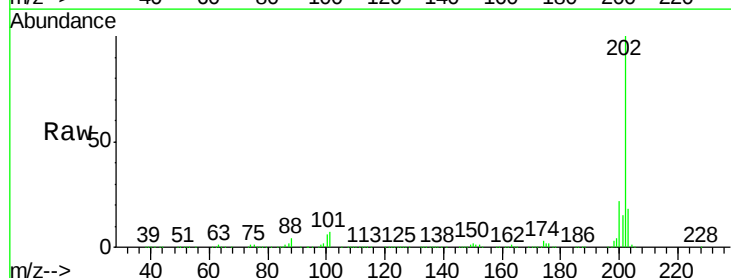
Tgt Ion:202 Resp: 1682483

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.5

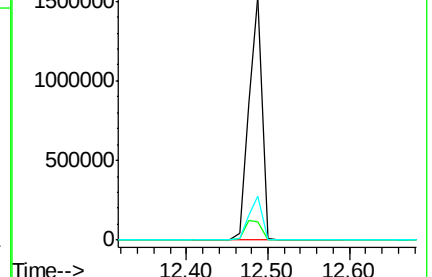
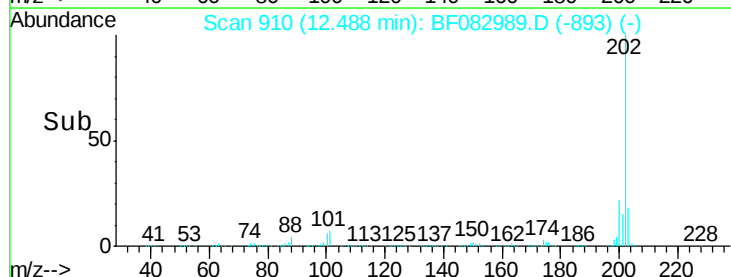
203 17.9 0.0 38.5

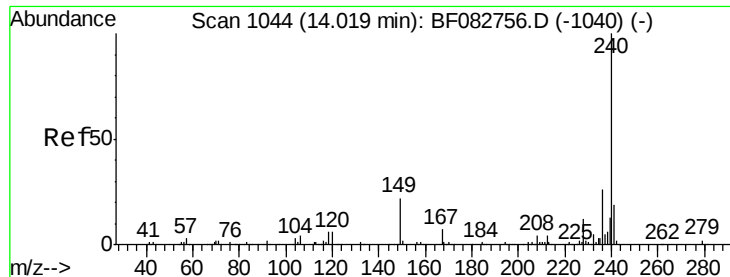


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.11 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

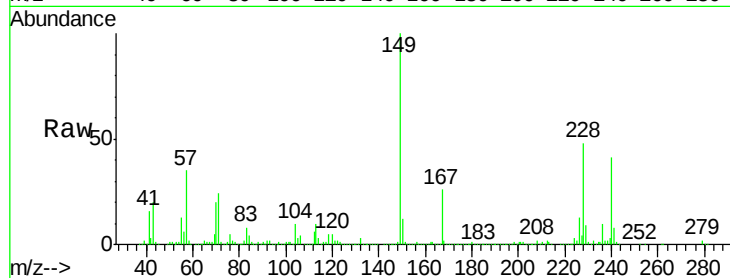
Tot Ion:240 Resp: 447469

Ion Ratio Lower Upper

240 100

120 12.3 10.9 16.3

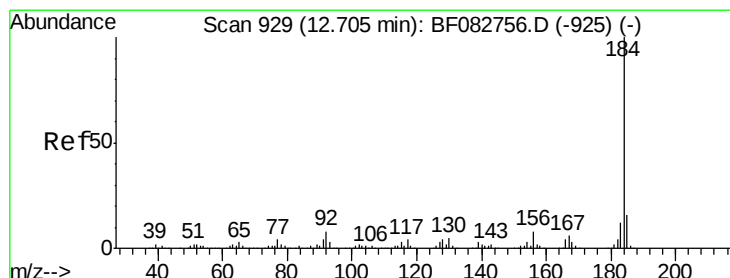
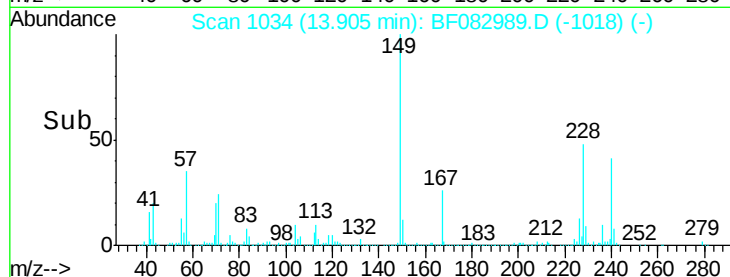
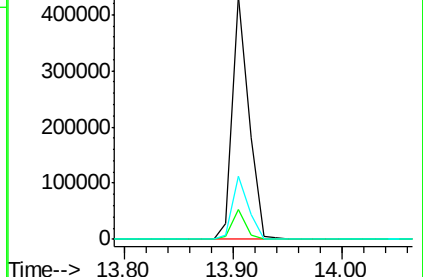
236 25.8 21.6 32.4



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: 20.38 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.10 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

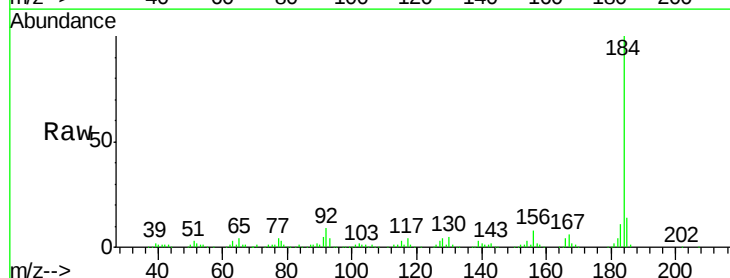
Tgt Ion:184 Resp: 305577

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

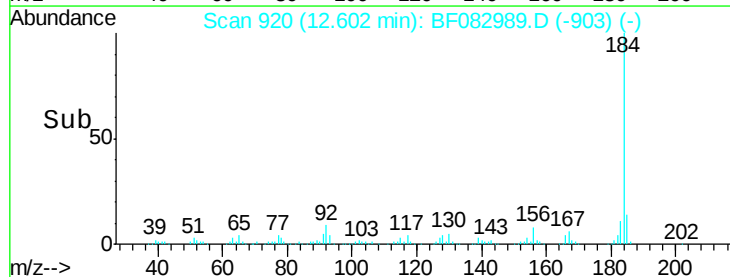
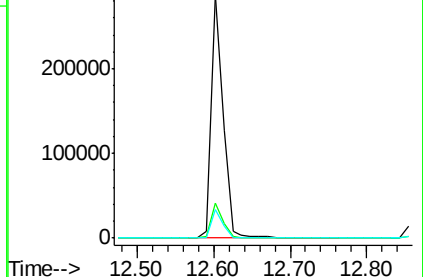
183 11.5 9.6 14.4

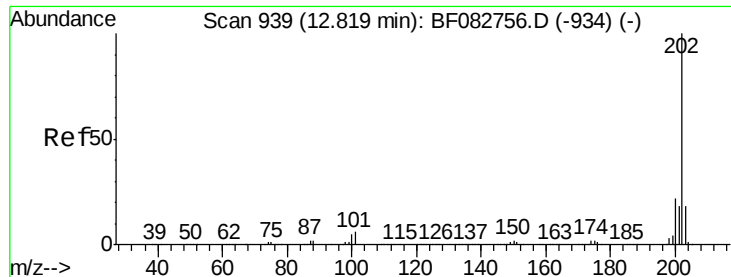


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

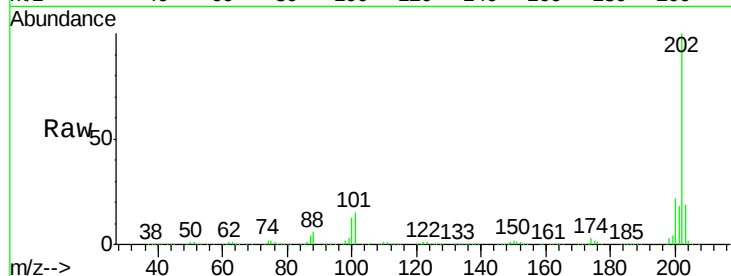




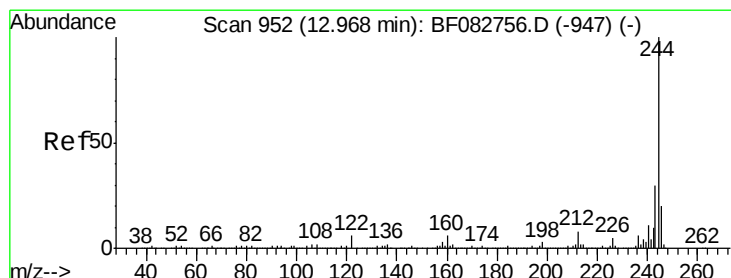
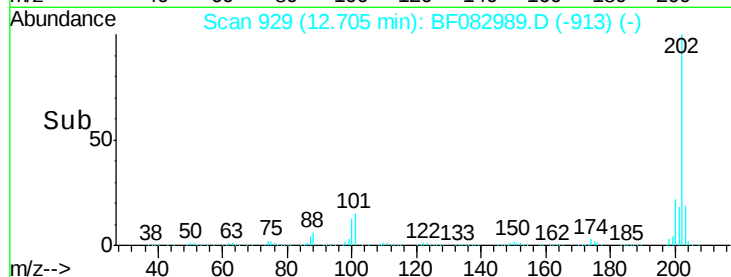
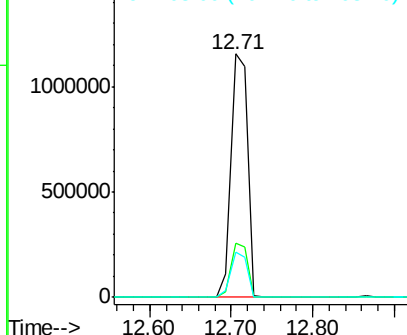
#77
Pvrene
Concen: 53.11 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.11 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1632168
Ion Ratio Lower Upper
202 100
200 22.3 18.7 28.1
203 18.8 14.8 22.2

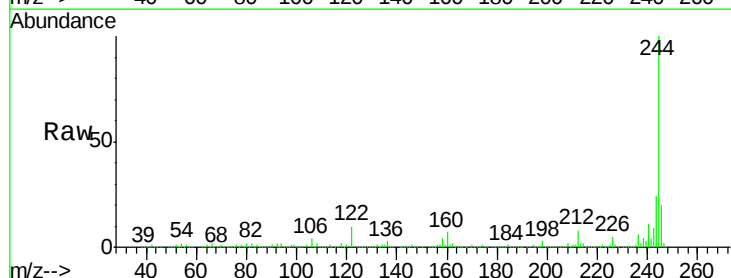


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

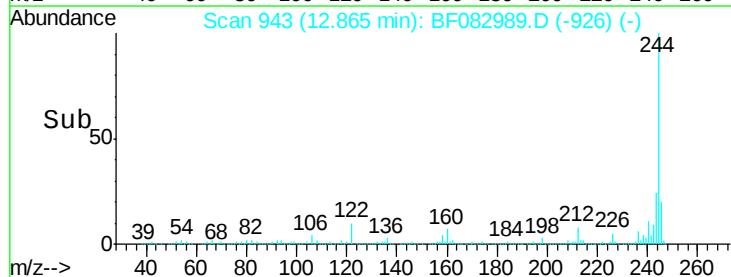
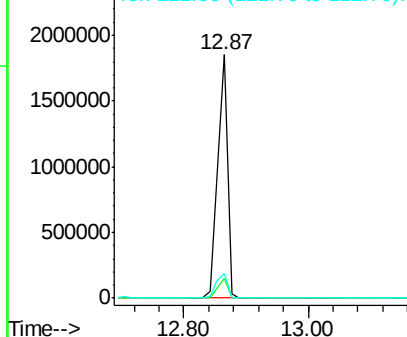


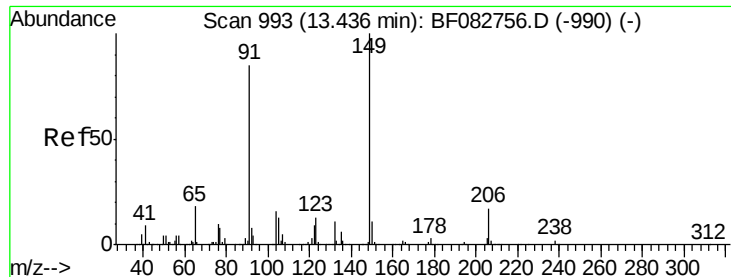
#78
Terphenyl-d14
Concen: 102.99 ng
RT: 12.87 min Scan# 943
Delta R.T. -0.10 min
Lab File: BF082989.D
Acq: 18 Nov 2015 2:25

Tgt Ion:244 Resp: 1943013
Ion Ratio Lower Upper
244 100
212 8.0 7.6 11.4
122 9.9 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: 58.03 ng

RT: 13.35 min Scan# 985

Delta R.T. -0.09 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

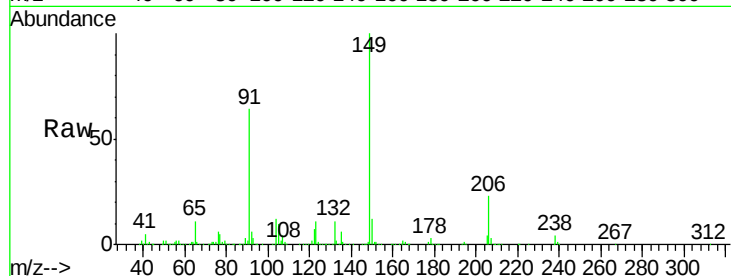
Tot Ion:149 Resp: 787796

Ion Ratio Lower Upper

149 100

91 63.6 67.7 101.5#

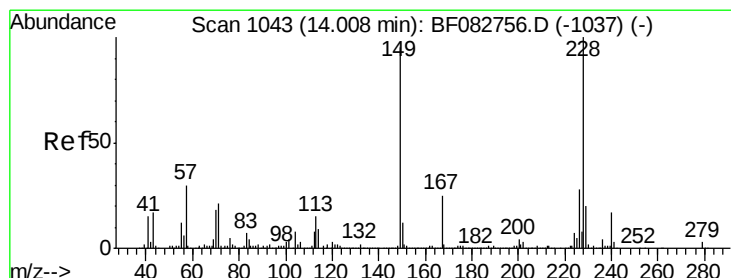
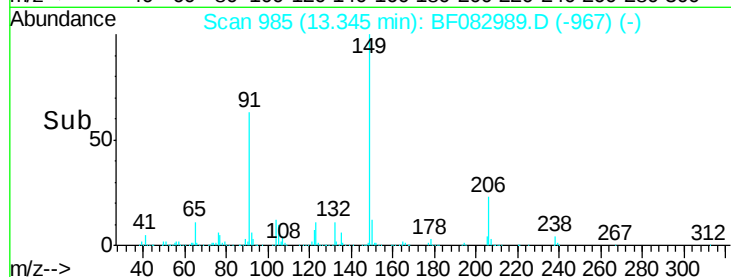
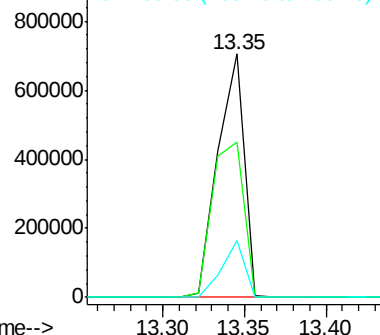
206 23.1 14.6 22.0#



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: 47.45 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.11 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

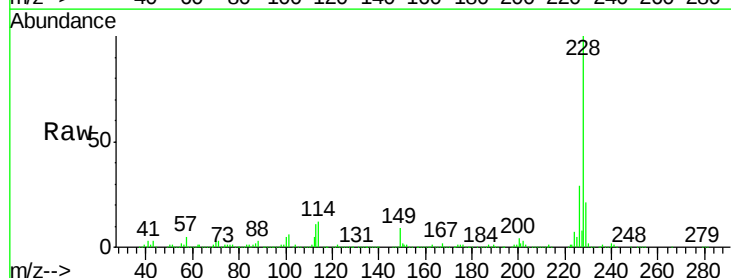
Tgt Ion:228 Resp: 1327642

Ion Ratio Lower Upper

228 100

226 29.1 23.4 35.2

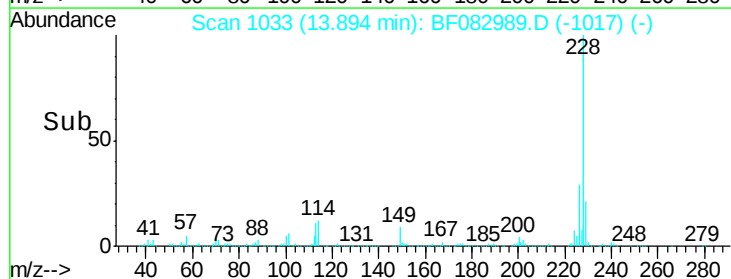
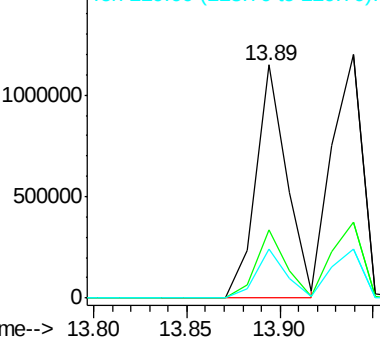
229 21.0 16.3 24.5

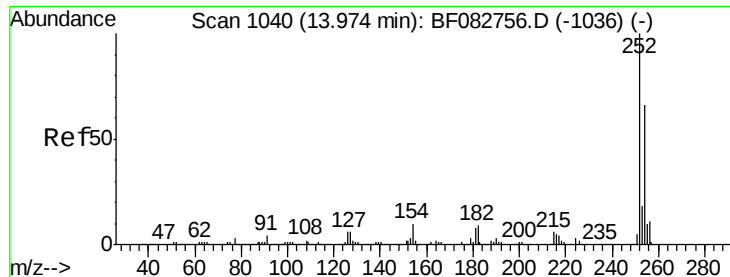


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

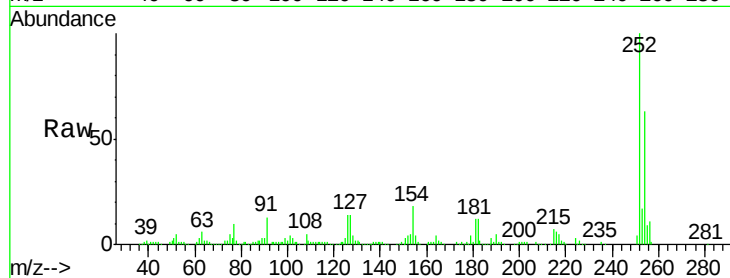




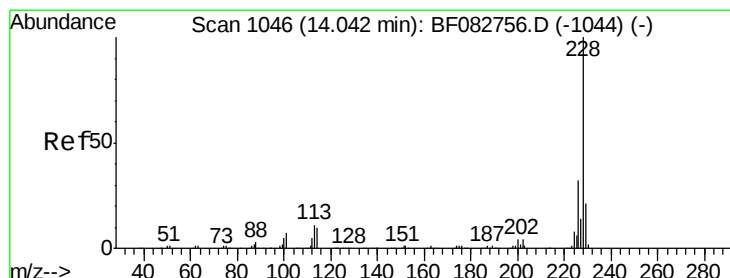
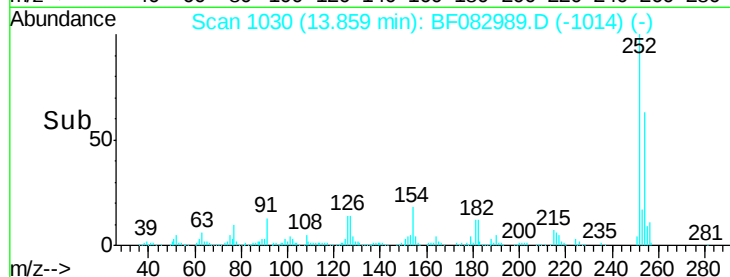
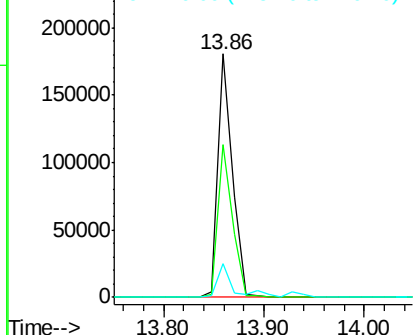
#81
 3,3'-Dichlorobenzidine
 Concen: 18.25 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.11 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.9	51.4	77.0
126	13.7	10.7	16.1

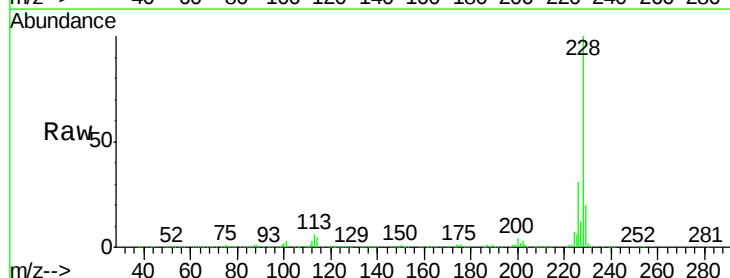


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

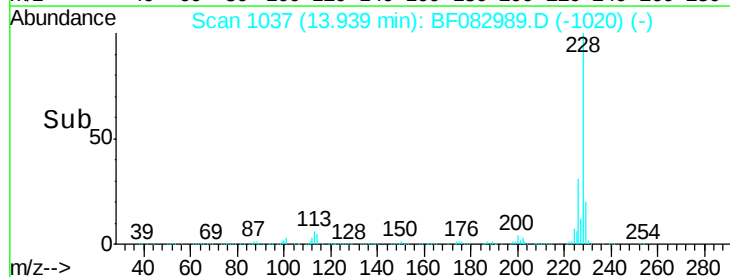
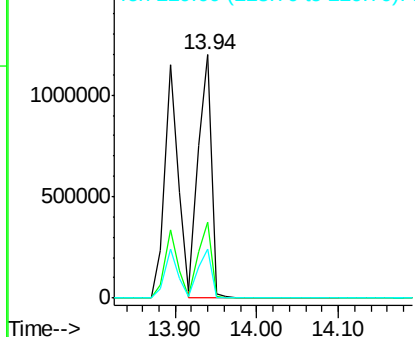


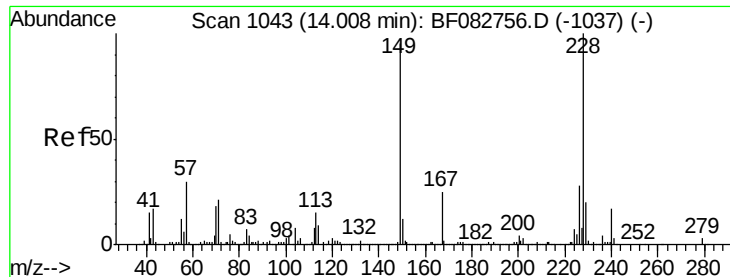
#82
 Chrysene
 Concen: 53.30 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.0	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

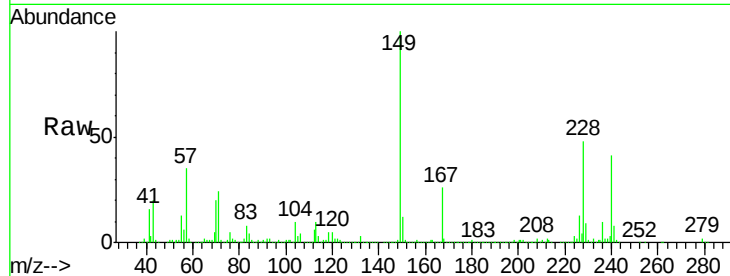




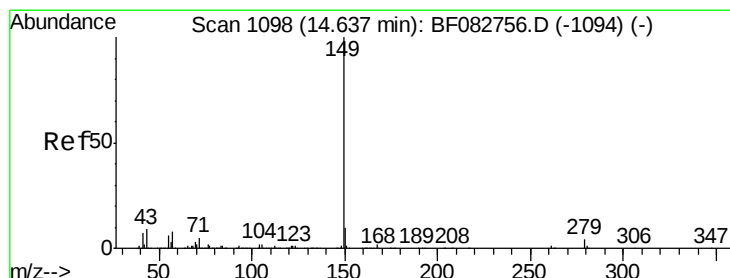
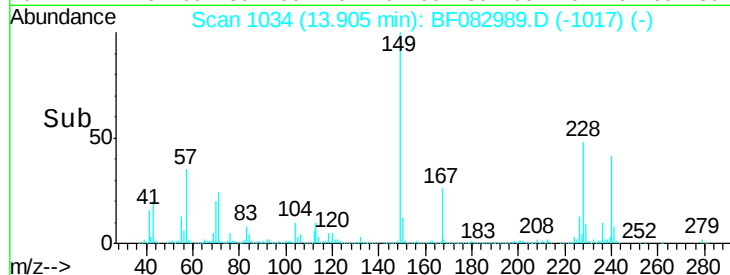
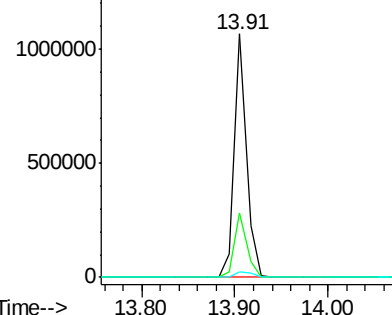
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.93 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.10 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 965018
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.2 31.8
 279 2.5 2.2 3.2

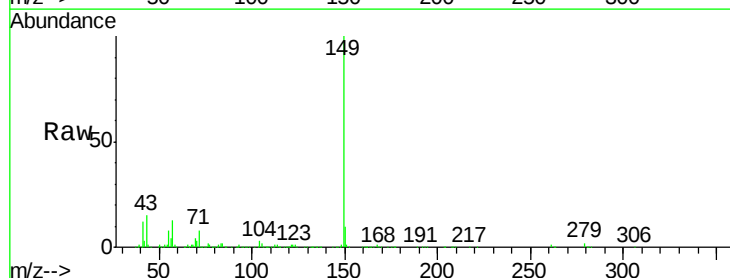


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

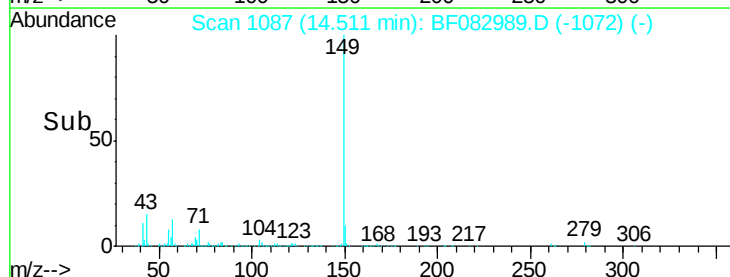
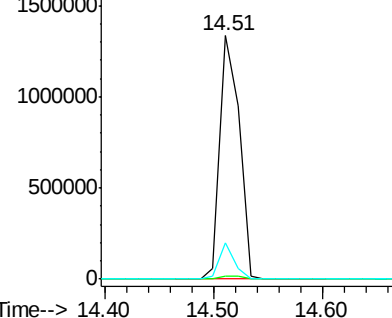


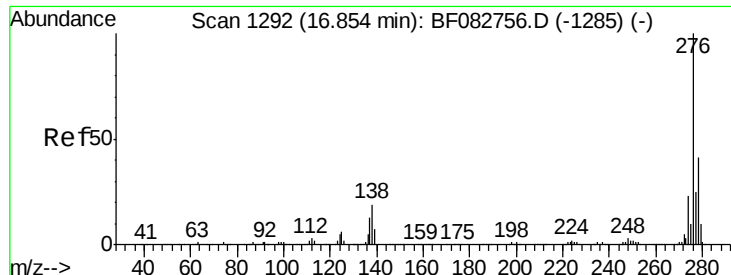
#84
 Di-n-octyl phthalate
 Concen: 52.28 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.13 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:149 Resp: 1620407
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.4 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

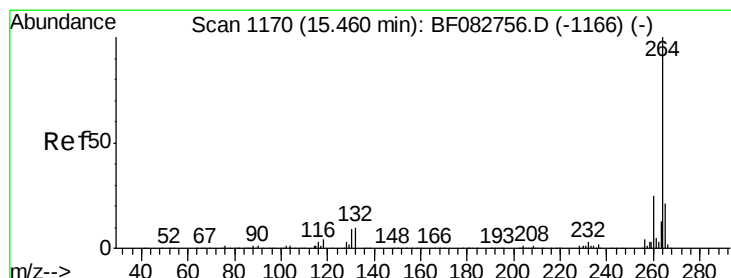
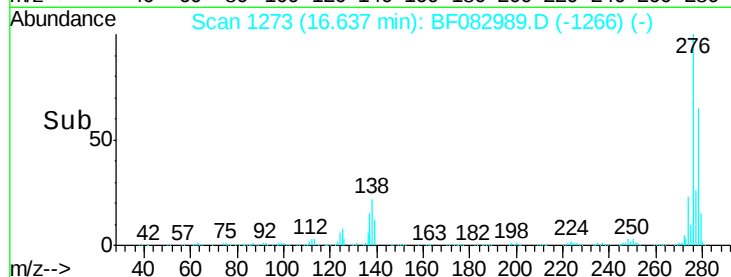
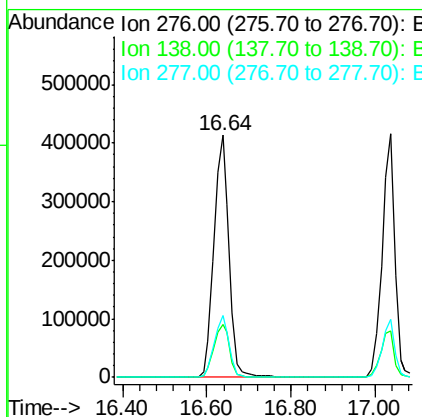
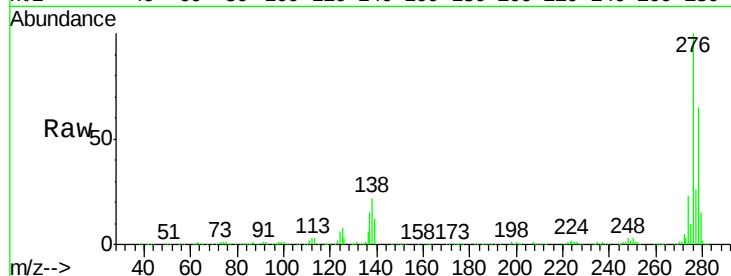




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.94 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.22 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

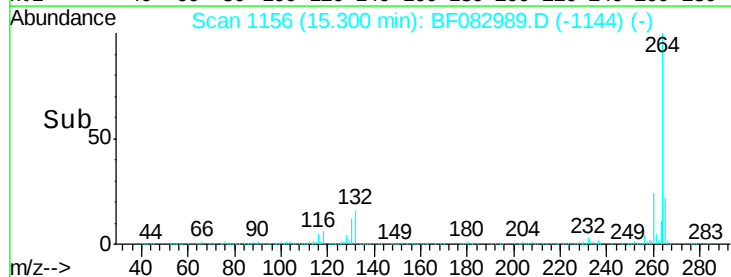
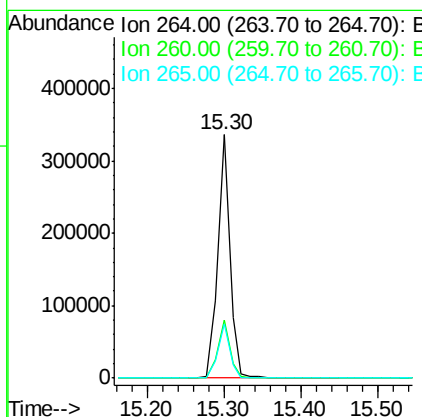
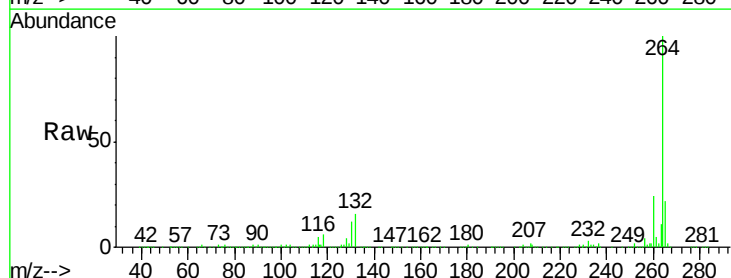
Instrument :
 BNA_F
 ClientSampleId :

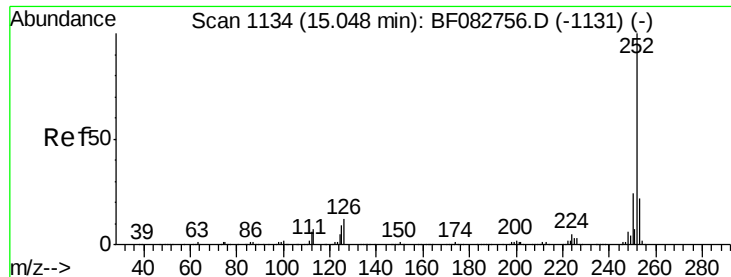
Tot Ion:276 Resp: 1036143
 Ion Ratio Lower Upper
 276 100
 138 23.1 15.3 22.9#
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082989.D
 Acq: 18 Nov 2015 2:25

Tgt Ion:264 Resp: 373773
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 22.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 87.16 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.14 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

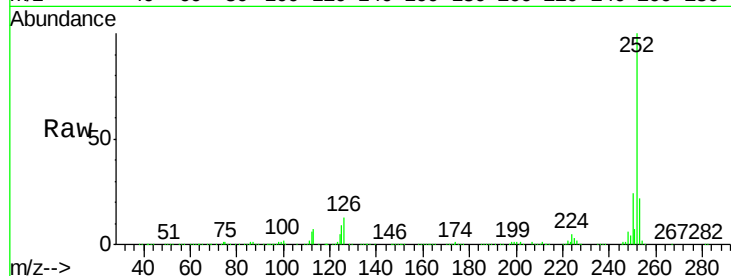
Tot Ion:252 Resp: 2091117

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

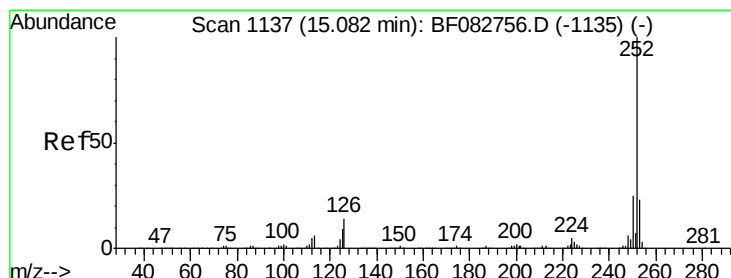
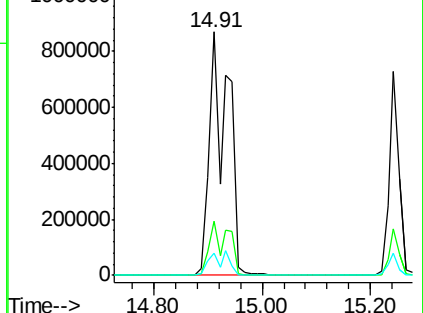
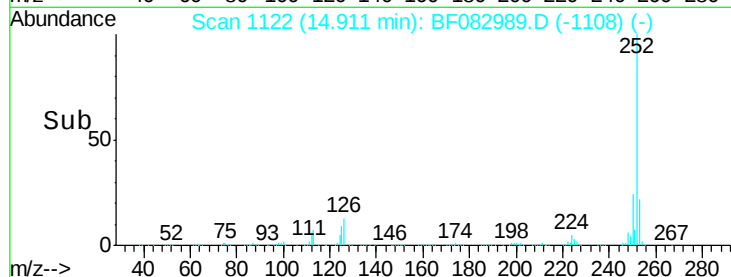
125 9.3 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 98.25 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.17 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

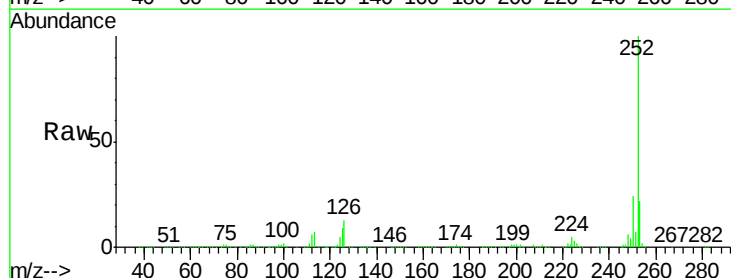
Tgt Ion:252 Resp: 2091117

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

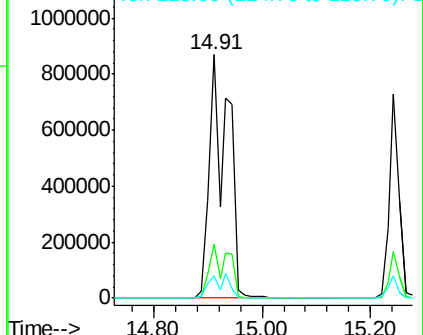
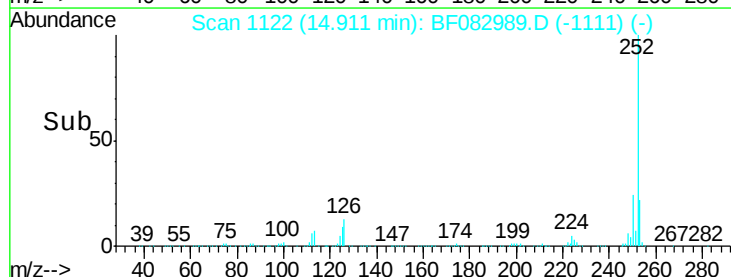
125 9.3 3.5 5.3#

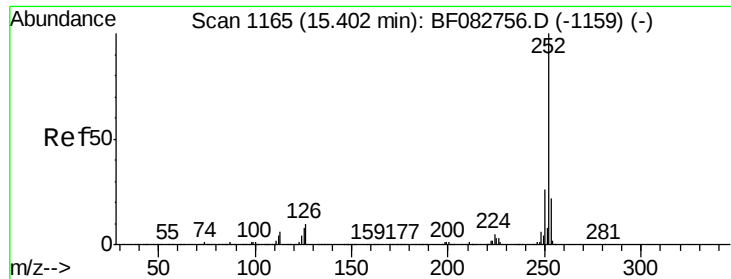


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.83 ng

RT: 15.24 min Scan# 1151

Delta R.T. -0.16 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampled :

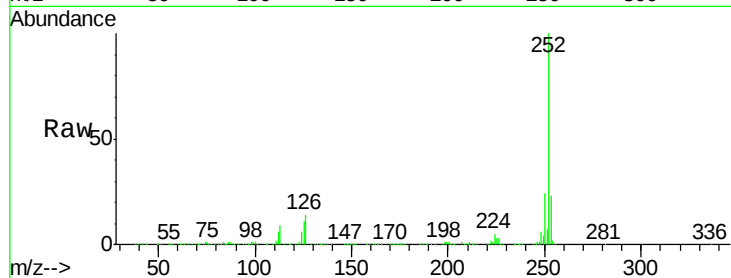
Tot Ion:252 Resp: 952530

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

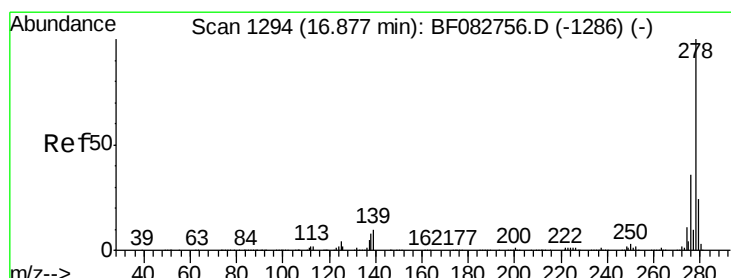
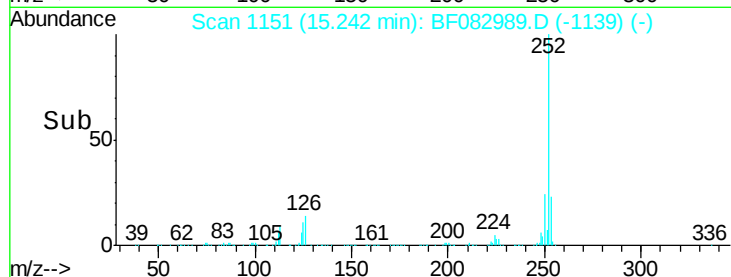
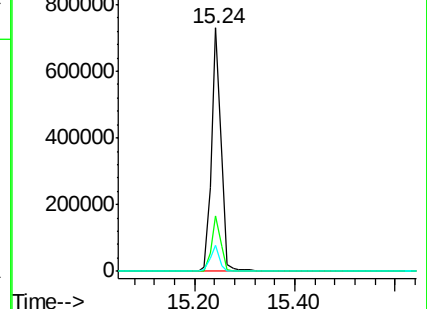
125 10.9 7.1 10.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.03 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.23 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

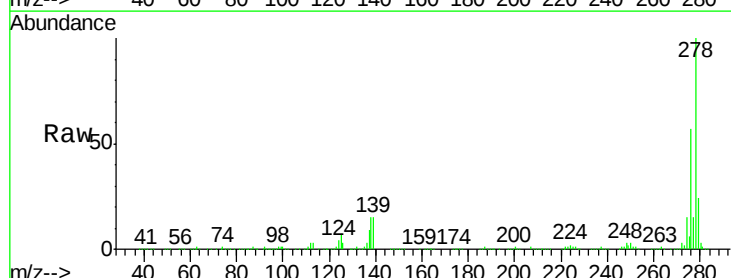
Tgt Ion:278 Resp: 863045

Ion Ratio Lower Upper

278 100

139 15.4 9.9 14.9#

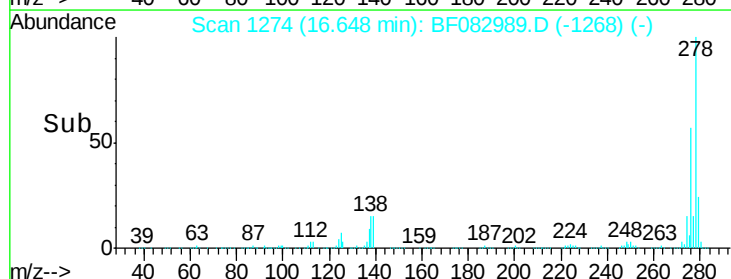
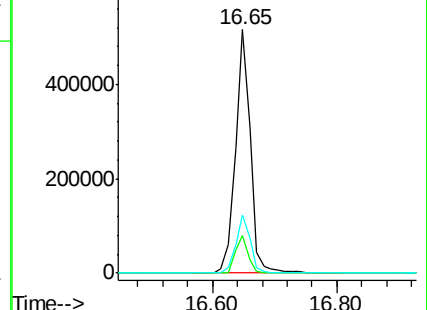
279 23.7 19.6 29.4

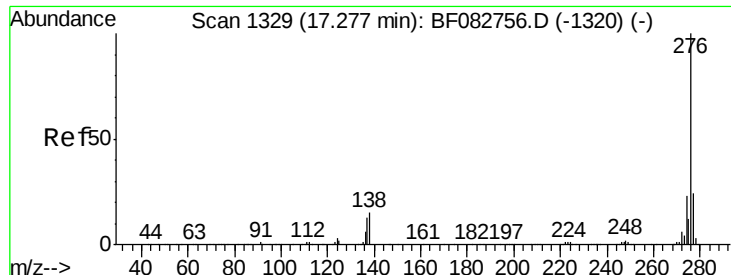


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.85 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.24 min

Lab File: BF082989.D

Acq: 18 Nov 2015 2:25

Instrument :

BNA_F

ClientSampleId :

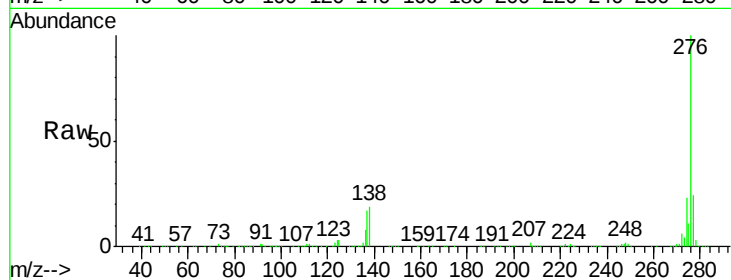
Tot Ion:276 Resp: 874107

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 19.1 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

