

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075712.D
 Acq On : 20 Nov 2014 16:32
 Operator : TP / JJ
 Sample : PB80443BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:09:33 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	71668	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	289066	20.00	ng	-0.01
38) Acenaphthene-d10	11.24	164	147470	20.00	ng	-0.01
63) Phenanthrene-d10	13.08	188	240721	20.00	ng	-0.01
75) Chrysene-d12	16.39	240	251329	20.00	ng	0.00
86) Perylene-d12	18.19	264	248750	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.77	112	536513	116.31	ng	-0.01
7) Phenol-d6	7.03	99	622576	110.98	ng	-0.01
23) Nitrobenzene-d5	8.16	82	343725	72.99	ng	-0.01
41) 2,4,6-Tribromophenol	12.22	330	141569	117.75	ng	-0.01
44) 2-Fluorobiphenyl	10.40	172	676810	71.85	ng	-0.01
78) Terphenyl-d14	15.08	244	677890	67.46	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.38	88	68566	32.83	ng	94
6) Aniline	7.06	93	151130	18.21	ng	95
8) 2-Chlorophenol	7.20	128	187297	36.30	ng	83
9) Benzaldehyde	6.92	77	65151	15.06	ng	97
10) Phenol	7.05	94	236908	33.36	ng	96
11) bis(2-Chloroethyl)ether	7.16	93	187187	37.24	ng	94
12) 1,3-Dichlorobenzene	7.40	146	196072	35.23	ng	94
13) 1,4-Dichlorobenzene	7.50	146	199626	34.27	ng	96
14) 1,2-Dichlorobenzene	7.68	146	192220	35.10	ng	94
15) Benzyl Alcohol	7.66	79	151679	37.80	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.83	45	372746	37.99	ng	97
17) 2-Methylphenol	7.80	107	155700	35.72	ng	96
18) Hexachloroethane	8.10	117	71477	36.87	ng	# 76
19) n-Nitroso-di-n-propylamine	7.99	70	133814	36.78	ng	89
20) 3+4-Methylphenols	7.99	107	201066	35.60	ng	# 71
22) Acetophenone	7.98	105	237318	33.99	ng	# 90
24) Nitrobenzene	8.18	77	199559	36.61	ng	90
25) Isophorone	8.49	82	357590	35.88	ng	94
26) 2-Nitrophenol	8.58	139	98591	38.62	ng	# 79
27) 2,4-Dimethylphenol	8.64	122	159979	35.89	ng	98
28) bis(2-Chloroethoxy)methane	8.77	93	244915	40.20	ng	99
29) 2,4-Dichlorophenol	8.88	162	146876	37.21	ng	97
30) 1,2,4-Trichlorobenzene	8.98	180	144397	35.19	ng	# 97
31) Naphthalene	9.08	128	544607	36.90	ng	99
32) Benzoic acid	8.64	122	159979	63.17	ng	# 17
33) 4-Chloroaniline	9.16	127	119847	18.93	ng	97
34) Hexachlorobutadiene	9.24	225	73213	36.35	ng	98
35) Caprolactam	9.58	113	49255	37.59	ng	# 82
36) 4-Chloro-3-methylphenol	9.76	107	158244	37.36	ng	# 84
37) 2-Methylnaphthalene	9.94	142	364087	37.06	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.15	216	114662	33.73	ng	98
40) Hexachlorocyclopentadiene	10.13	237	133777	81.69	ng	100
42) 2,4,6-Trichlorophenol	10.29	196	97056	37.60	ng	99
43) 2,4,5-Trichlorophenol	10.33	196	102128	36.57	ng	# 89

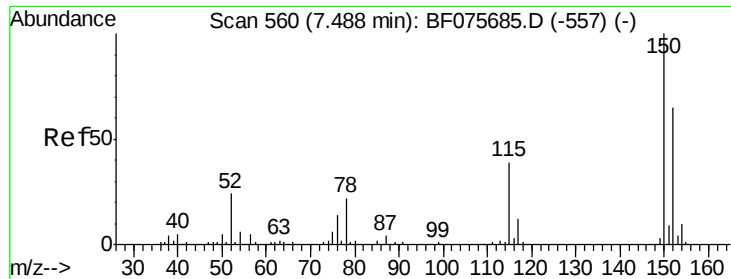
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.53	154	360921	32.62	nq	95
46) 2-Chloronaphthalene	10.55	162	336849	37.65	nq	# 89
47) 2-Nitroaniline	10.68	65	113871	39.17	nq	# 53
48) Acenaphthylene	11.05	152	550244	37.70	nq	99
49) Dimethylphthalate	10.90	163	380990	35.39	nq	99
50) 2,6-Dinitrotoluene	10.98	165	87254	39.72	nq	# 58
51) Acenaphthene	11.27	154	303939	36.10	nq	98
52) 3-Nitroaniline	11.18	138	68875	23.68	nq	# 94
53) 2,4-Dinitrophenol	11.32	184	71601	69.59	nq	# 65
54) Dibenzofuran	11.49	168	449888	36.54	nq	94
55) 4-Nitrophenol	11.40	139	178183	82.05	nq	80
56) 2,4-Dinitrotoluene	11.48	165	119493	41.66	nq	# 81
57) Fluorene	11.91	166	382934	38.52	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.64	232	79642	39.41	nq	# 96
59) Diethylphthalate	11.78	149	376312	37.04	nq	99
60) 4-Chlorophenyl-phenylether	11.92	204	155871	39.27	nq	89
61) 4-Nitroaniline	11.94	138	103625	37.35	nq	# 72
62) Azobenzene	12.12	77	382782	37.98	nq	92
64) 4,6-Dinitro-2-methylphenol	11.98	198	51029	36.99	nq	82
65) n-Nitrosodiphenylamine	12.07	169	330841	37.90	nq	99
66) 4-Bromophenyl-phenylether	12.53	248	90301	37.15	nq	# 83
67) Hexachlorobenzene	12.60	284	106636	38.95	nq	# 85
68) Atrazine	12.74	200	89510	36.38	nq	93
69) Pentachlorophenol	12.84	266	101085	68.87	nq	97
70) Phenanthrene	13.11	178	564685	38.54	nq	99
71) Anthracene	13.18	178	582666	38.37	nq	98
72) Carbazole	13.37	167	543931	36.11	nq	99
73) Di-n-butylphthalate	13.82	149	640221	38.26	nq	99
74) Fluoranthene	14.59	202	600198	39.82	nq	96
76) Benzidine	14.77	184	248019	23.56	nq	99
77) Pyrene	14.87	202	621677	36.81	nq	99
79) Butylbenzylphthalate	15.69	149	300605	40.59	nq	99
80) Benzo(a)anthracene	16.38	228	584547	39.91	nq	98
81) 3,3'-Dichlorobenzidine	16.35	252	94627	18.27	nq	# 97
82) Chrysene	16.43	228	527936	40.02	nq	99
83) Bis(2-ethylhexyl)phthalate	16.43	149	394105	39.90	nq	99
84) Di-n-octyl phthalate	17.25	149	702336	41.32	nq	98
85) Indeno(1,2,3-cd)pyrene	19.72	276	564282	37.25	nq	# 100
87) Benzo(b)fluoranthene	17.73	252	585303	39.19	nq	# 94
88) Benzo(k)fluoranthene	17.76	252	536844	40.82	nq	# 95
89) Benzo(a)pyrene	18.13	252	560560	41.90	nq	# 96
90) Dibenzo(a,h)anthracene	19.75	278	554904	41.09	nq	# 97
91) Benzo(g,h,i)perylene	20.17	276	566915	41.59	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

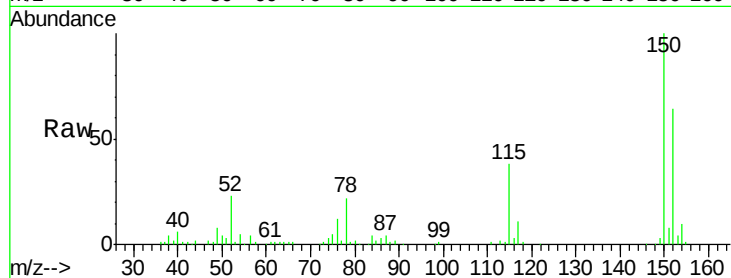
Tot Ion:152 Resp: 71668

Ion Ratio Lower Upper

152 100

150 156.9 127.2 190.8

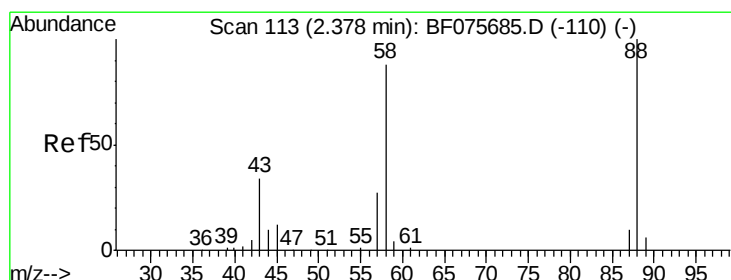
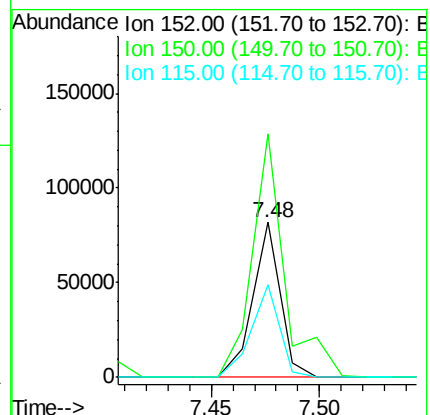
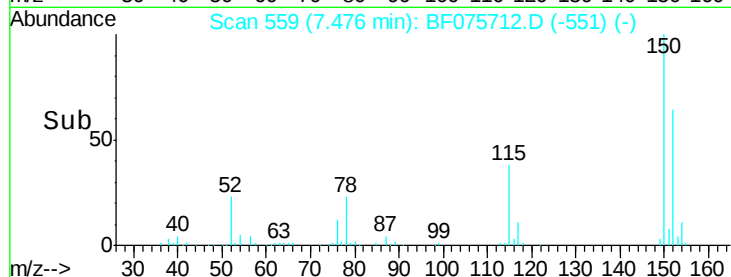
115 59.9 57.1 85.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.83 ng

RT: 2.38 min Scan# 113

Delta R.T. -0.02 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

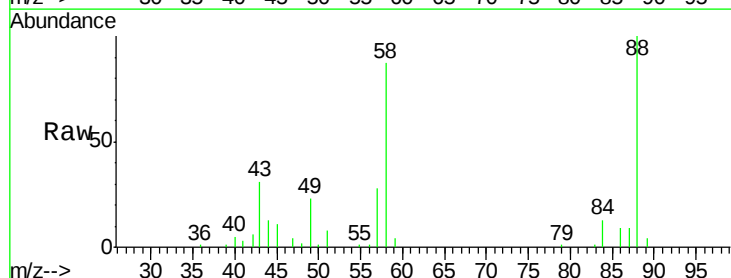
Tgt Ion: 88 Resp: 68566

Ion Ratio Lower Upper

88 100

58 94.2 73.5 110.3

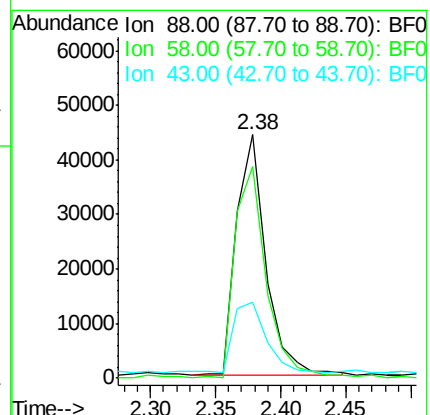
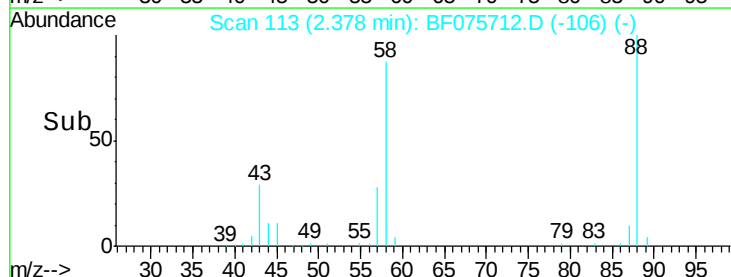
43 32.0 31.9 47.9

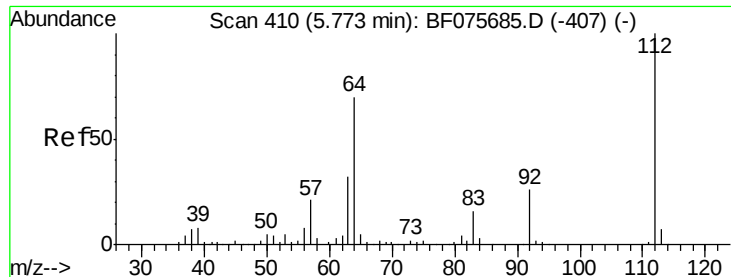


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 116.31 ng

RT: 5.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampled :

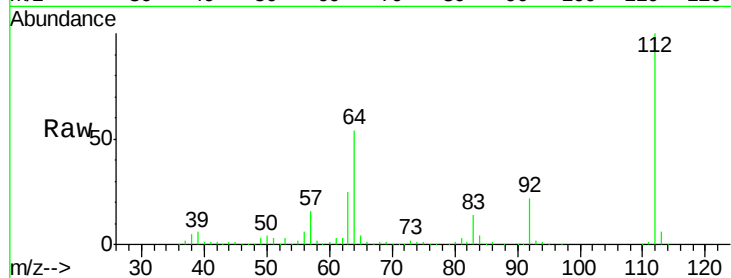
Tot Ion:112 Resp: 536513

Ion Ratio Lower Upper

112 100

64 53.7 45.8 68.6

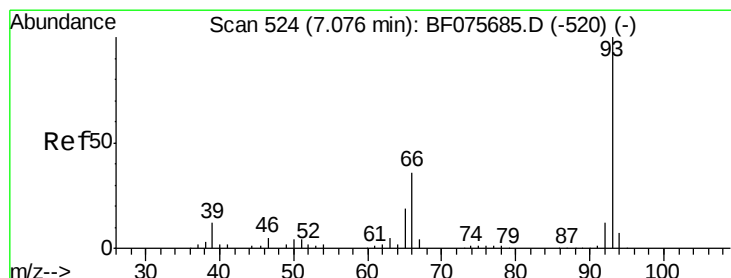
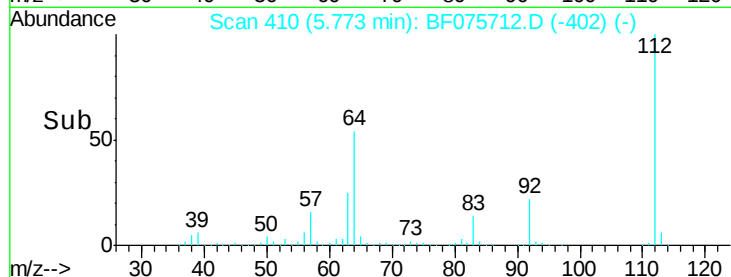
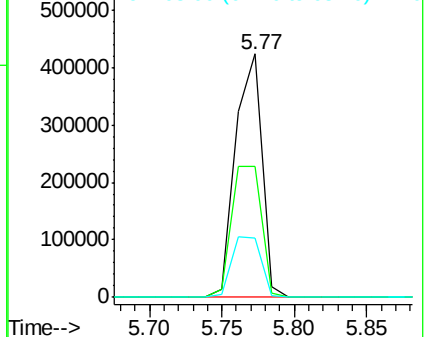
63 24.6 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.21 ng

RT: 7.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

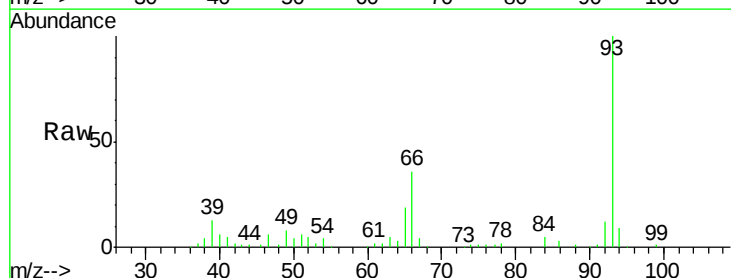
Tgt Ion: 93 Resp: 151130

Ion Ratio Lower Upper

93 100

66 36.1 31.8 47.8

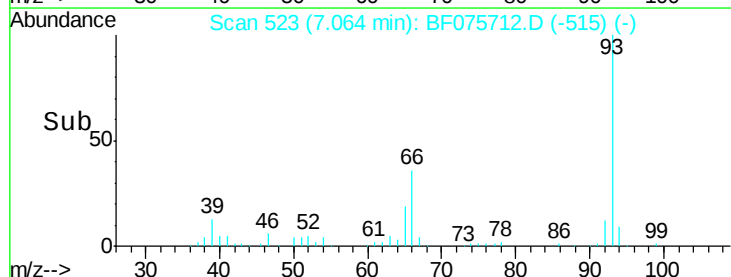
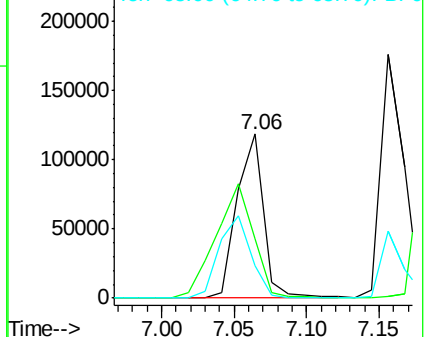
65 19.5 16.6 25.0

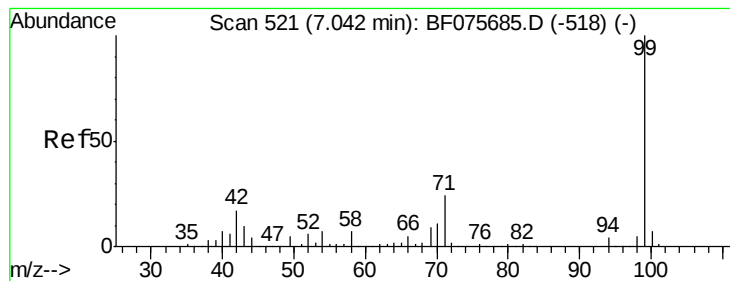


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.98 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

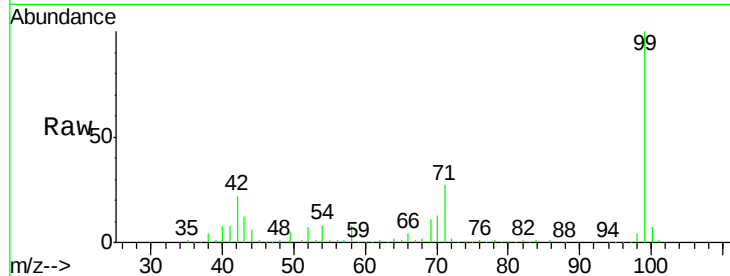
Tot Ion: 99 Resp: 622576

Ion Ratio Lower Upper

99 100

42 21.5 19.8 29.6

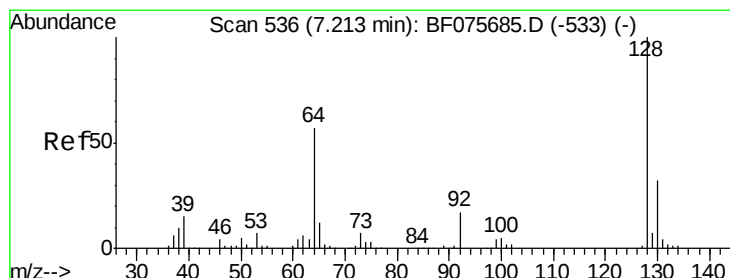
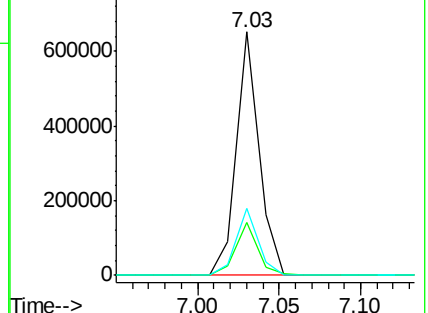
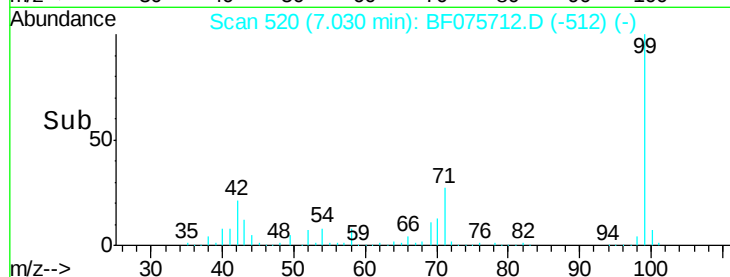
71 27.3 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.30 ng

RT: 7.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

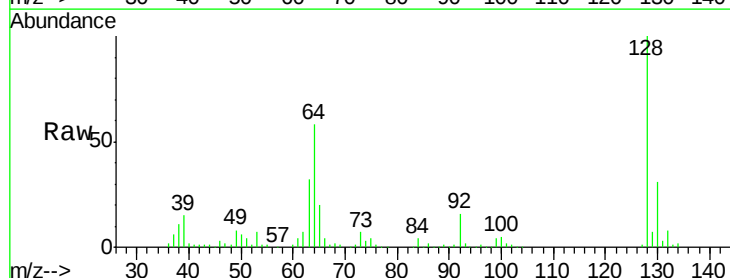
Tgt Ion: 128 Resp: 187297

Ion Ratio Lower Upper

128 100

130 30.8 12.7 52.7

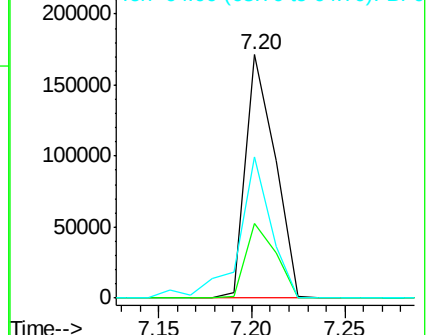
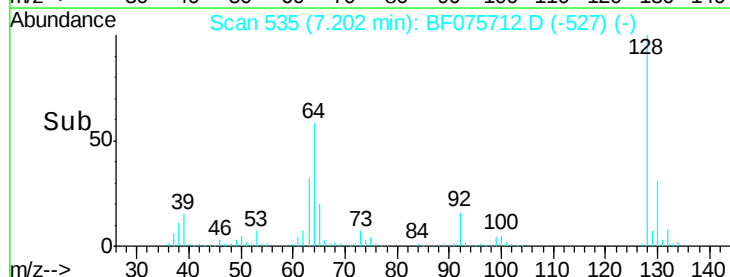
64 57.8 20.3 60.3

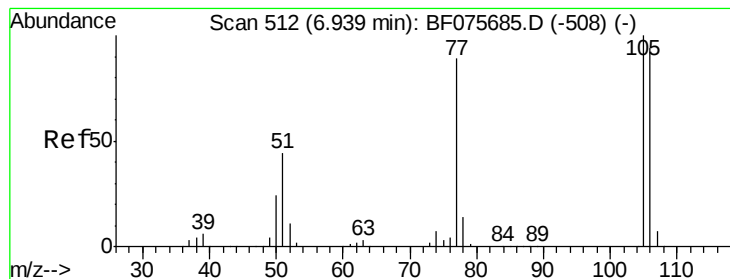


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.06 ng

RT: 6.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

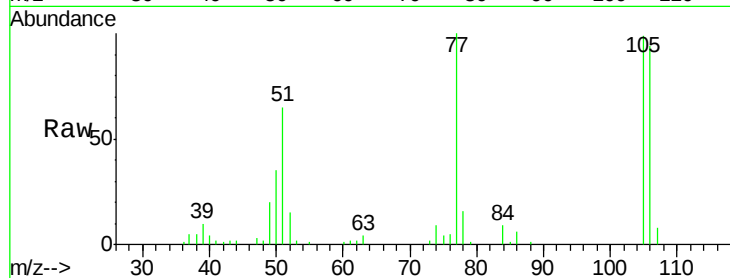
Tot Ion: 77 Resp: 65151

Ion Ratio Lower Upper

77 100

105 99.5 81.6 121.6

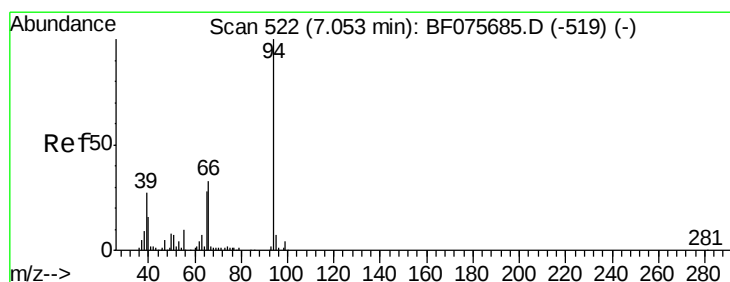
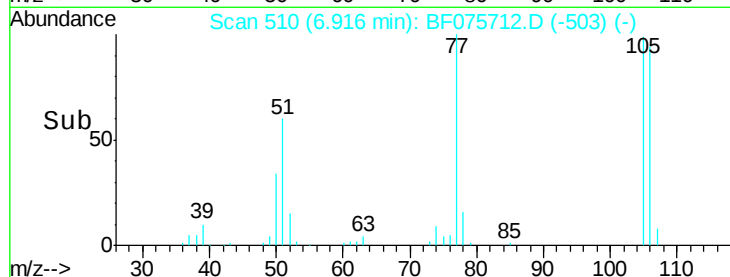
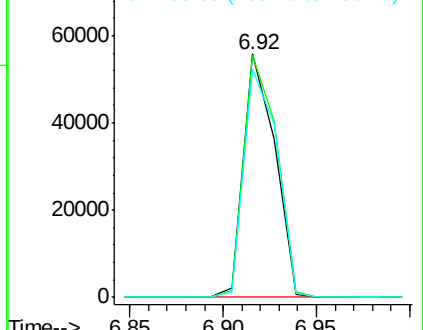
106 93.6 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 33.36 ng

RT: 7.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

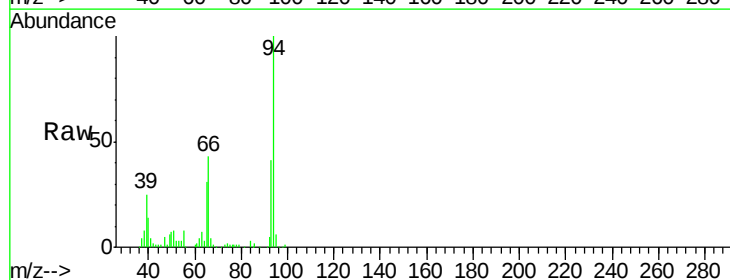
Tgt Ion: 94 Resp: 236908

Ion Ratio Lower Upper

94 100

65 30.8 13.1 53.1

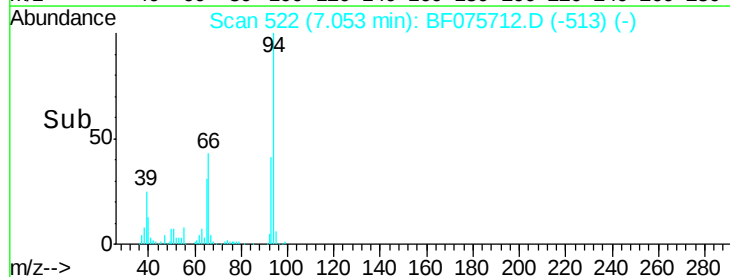
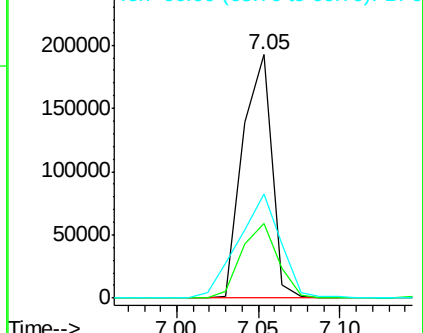
66 42.8 20.8 60.8

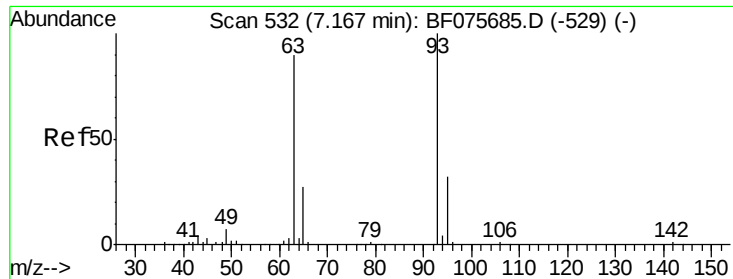


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.24 ng

RT: 7.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

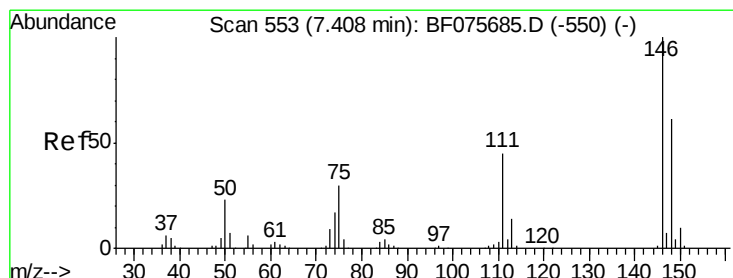
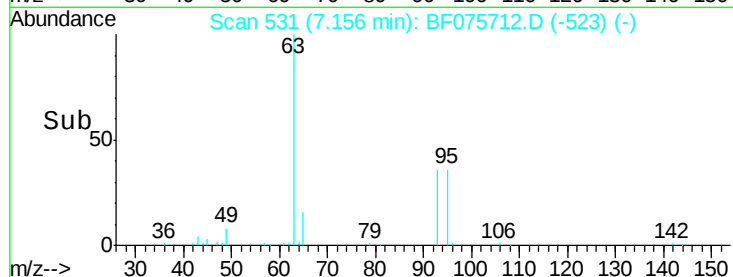
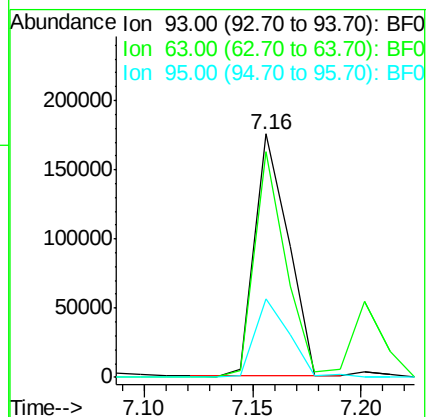
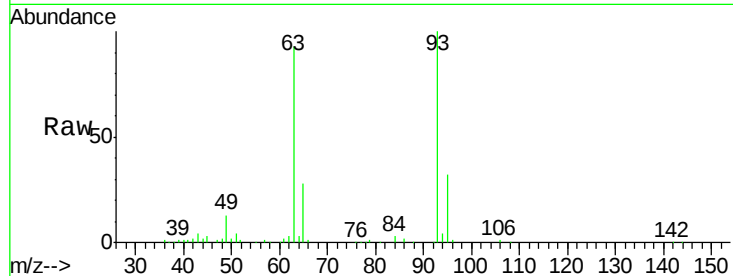
Tot Ion: 93 Resp: 187187

Ion Ratio Lower Upper

93 100

63 92.9 79.8 119.8

95 32.3 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 35.23 ng

RT: 7.40 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

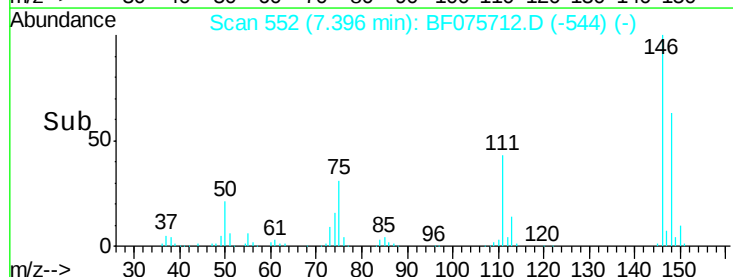
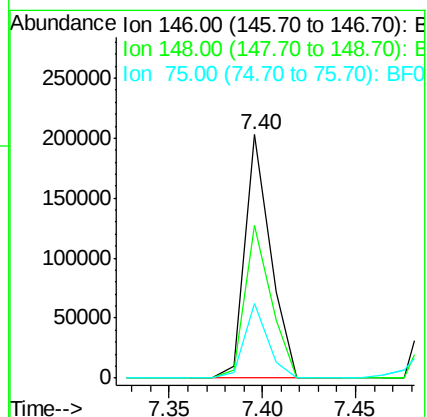
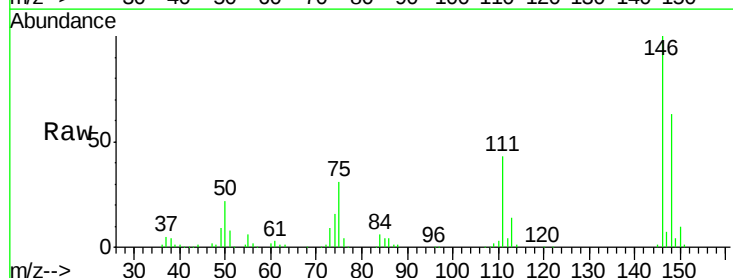
Tgt Ion: 146 Resp: 196072

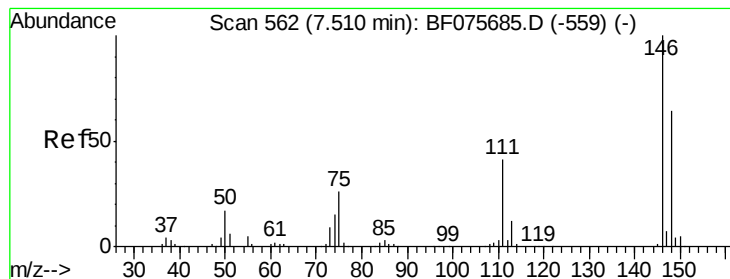
Ion Ratio Lower Upper

146 100

148 62.7 53.1 79.7

75 30.8 21.5 32.3





#13

1,4-Dichlorobenzene

Concen: 34.27 ng

RT: 7.50 min Scan# 561

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

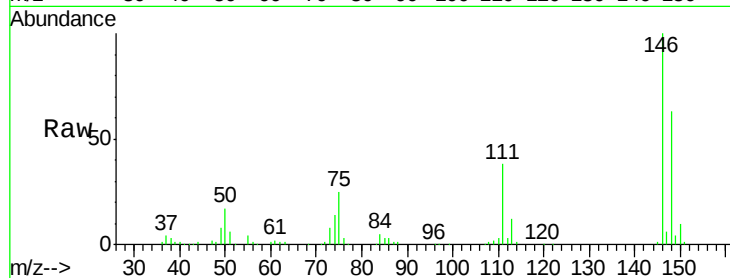
Tot Ion:146 Resp: 199626

Ion Ratio Lower Upper

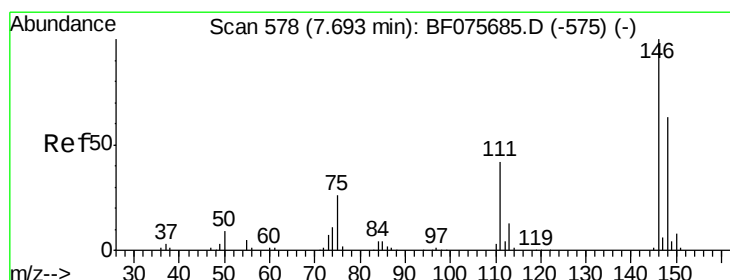
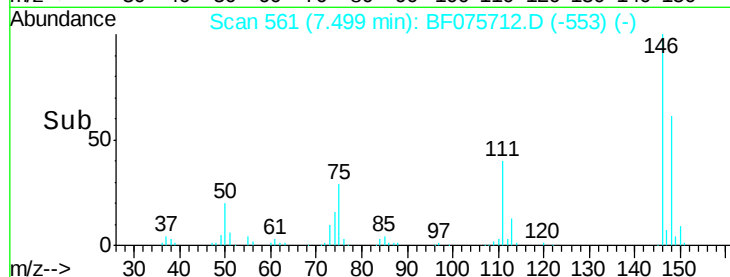
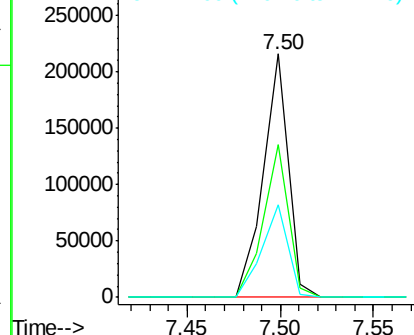
146 100

148 62.7 49.9 74.9

111 38.1 35.8 53.6



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



#14

1,2-Dichlorobenzene

Concen: 35.10 ng

RT: 7.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

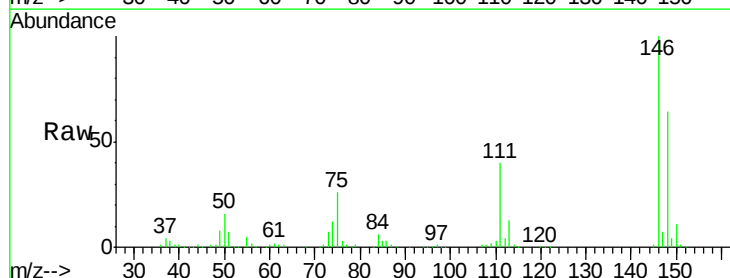
Tgt Ion:146 Resp: 192220

Ion Ratio Lower Upper

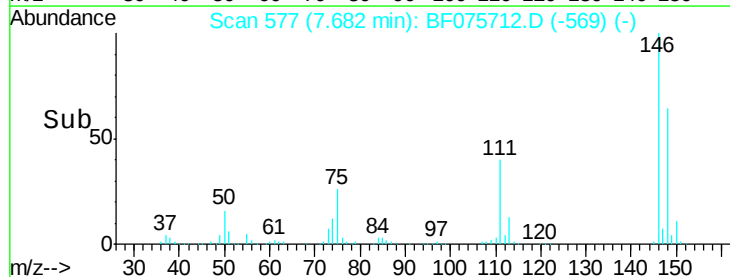
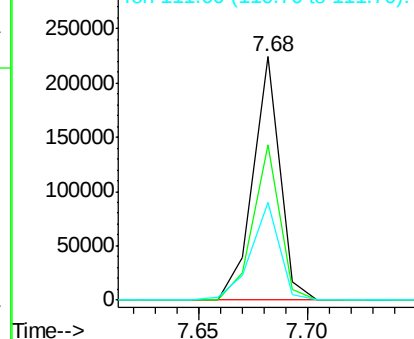
146 100

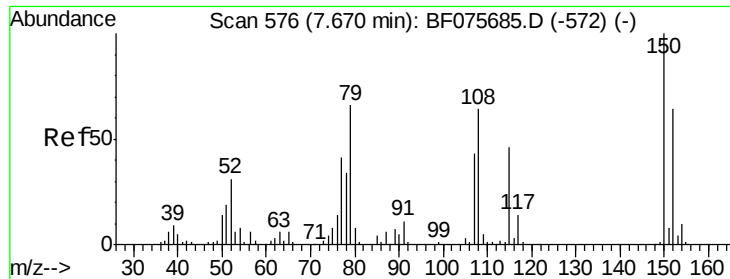
148 63.6 50.7 76.1

111 40.3 39.9 59.9



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: 37.80 ng

RT: 7.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

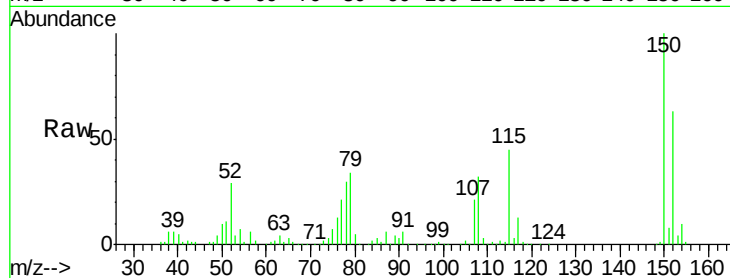
Tot Ion: 79 Resp: 151679

Ion Ratio Lower Upper

79 100

108 93.9 75.5 113.3

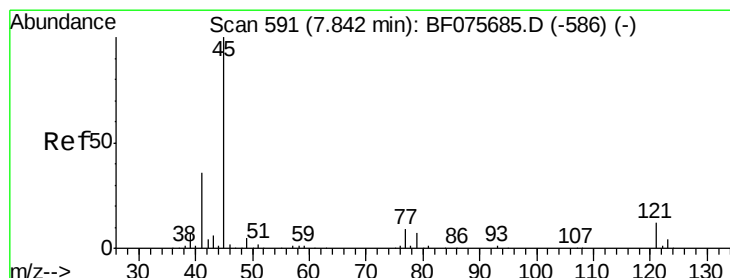
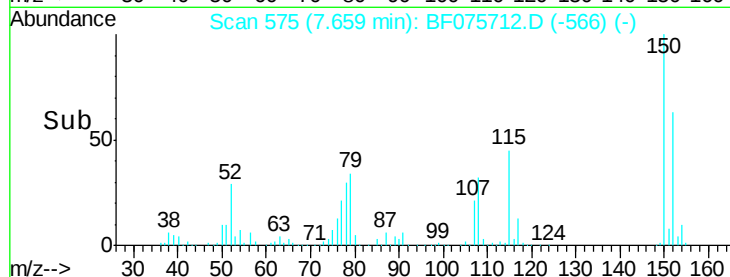
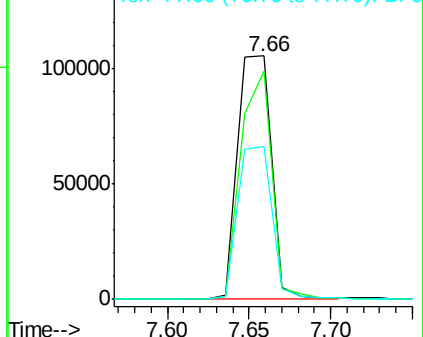
77 62.9 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.99 ng

RT: 7.83 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

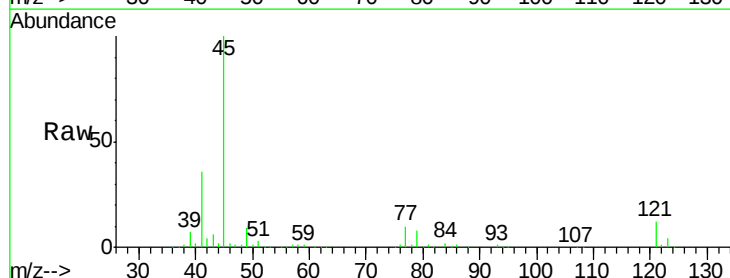
Tgt Ion: 45 Resp: 372746

Ion Ratio Lower Upper

45 100

77 9.7 0.0 28.6

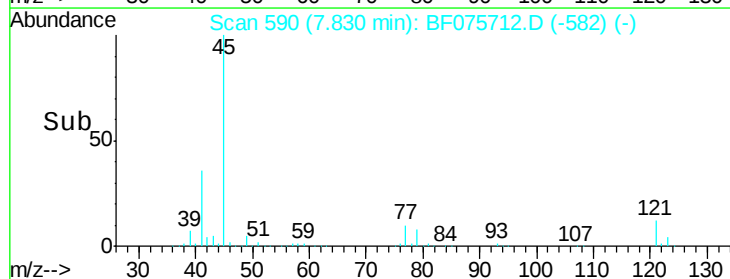
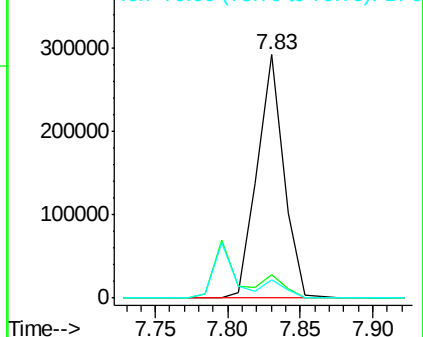
79 7.6 0.0 26.5

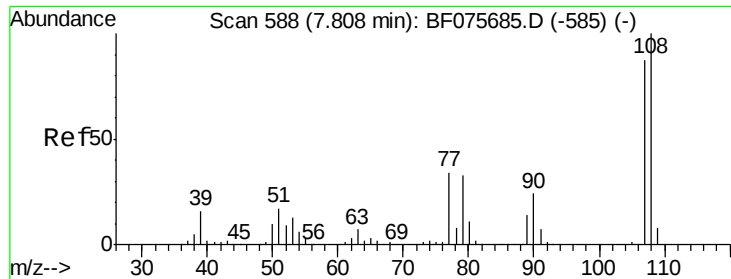


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

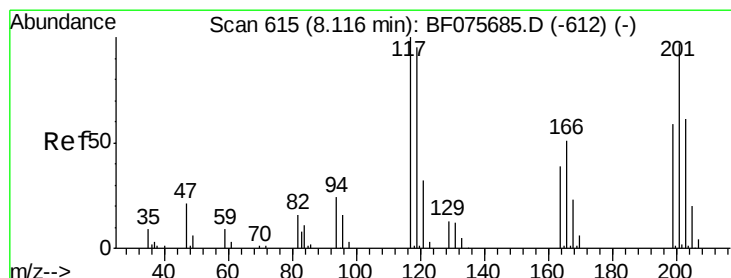
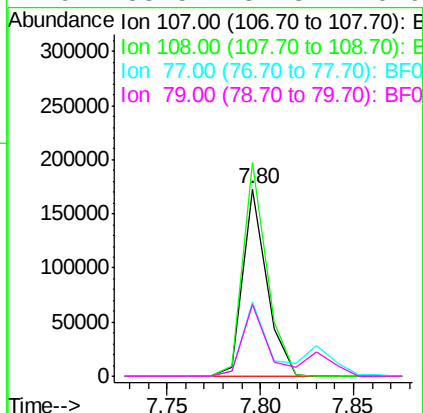
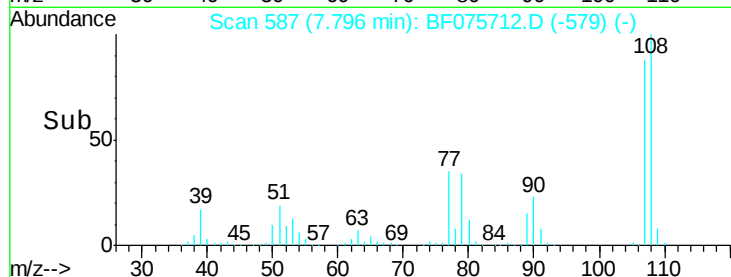
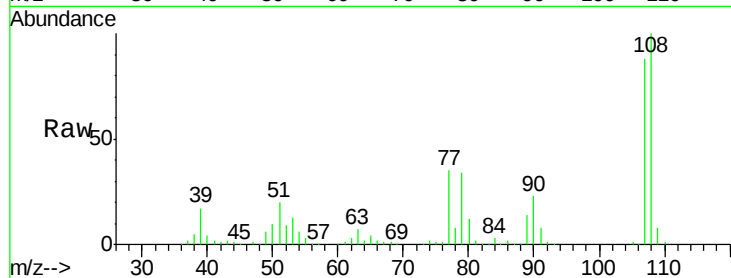




#17
2-Methylphenol
Concen: 35.72 ng
RT: 7.80 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

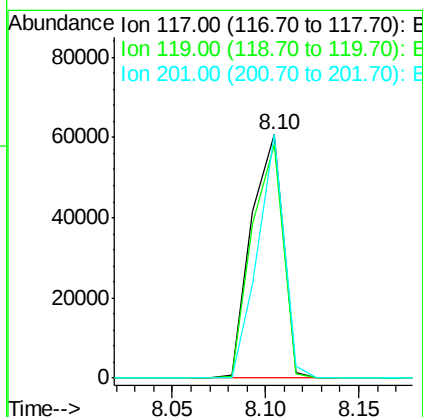
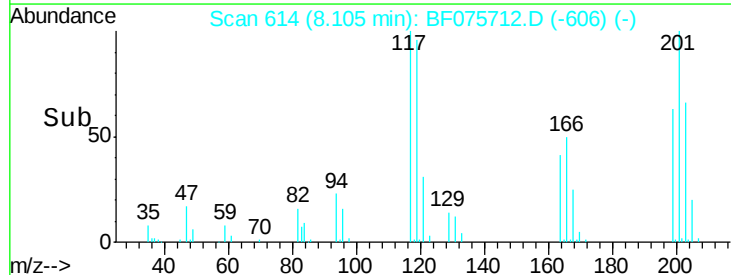
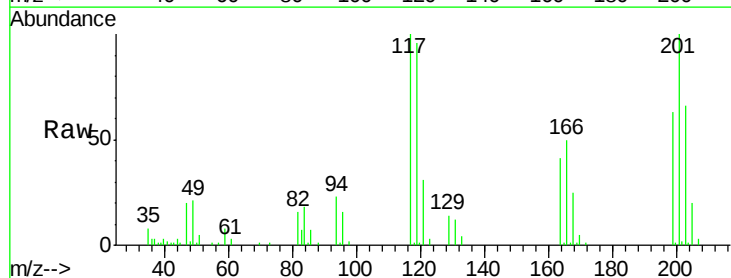
Instrument :
BNA_F
ClientSampleId :

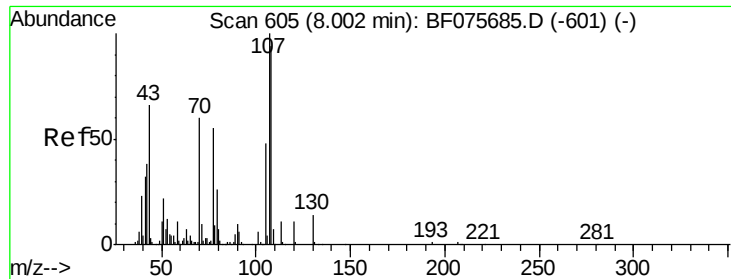
Tot Ion:	107	Resp:	155700
Ion	Ratio	Lower	Upper
107	100		
108	113.9	95.6	143.4
77	39.9	30.2	45.4
79	38.5	31.3	46.9



#18
Hexachloroethane
Concen: 36.87 ng
RT: 8.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:	117	Resp:	71477
Ion	Ratio	Lower	Upper
117	100		
119	95.7	72.9	109.3
201	99.8	48.2	72.4#

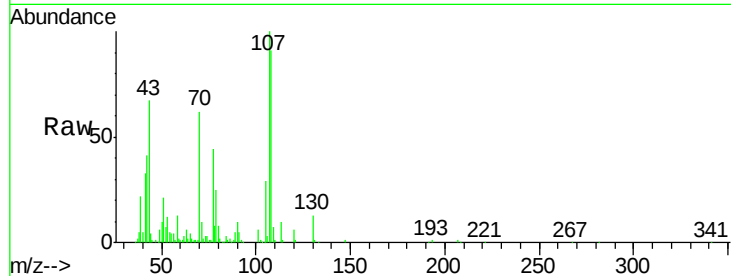




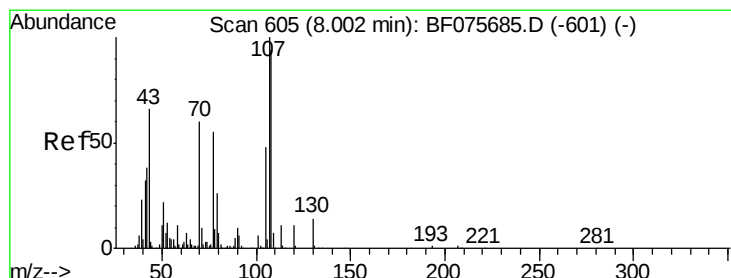
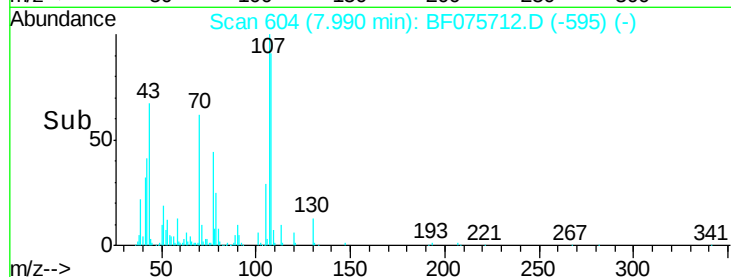
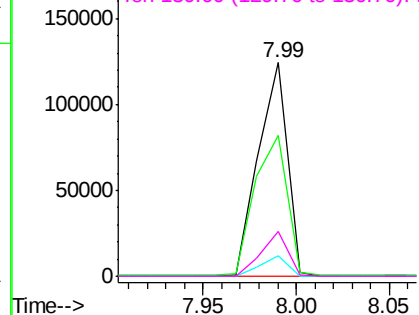
#19
n-Nitroso-di-n-propylamine
Concen: 36.78 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 133814
Ion Ratio Lower Upper
70 100
42 65.9 63.0 94.6
101 9.6 7.5 11.3
130 21.0 16.3 24.5



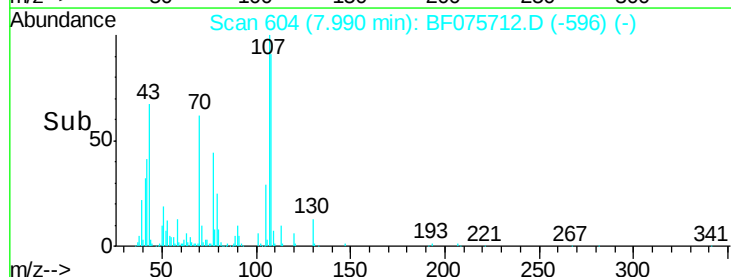
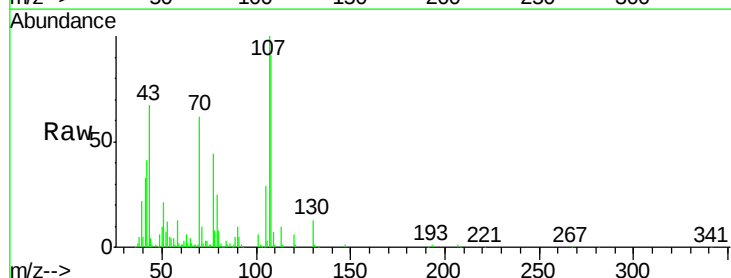
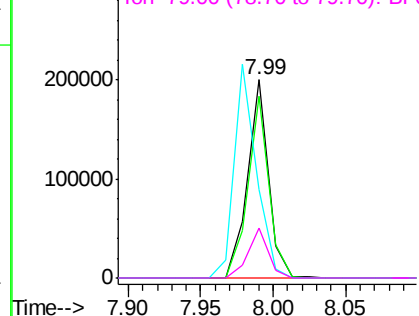
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

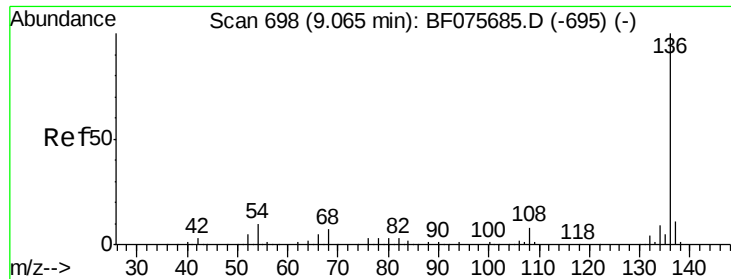


#20
3+4-Methylphenols
Concen: 35.60 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion: 107 Resp: 201066
Ion Ratio Lower Upper
107 100
108 91.4 69.6 109.6
77 44.4 84.4 124.4#
79 25.4 5.5 45.5

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

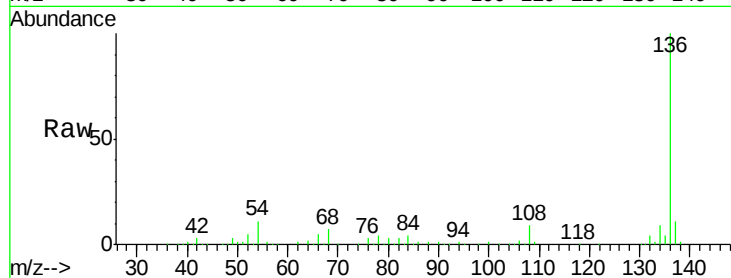




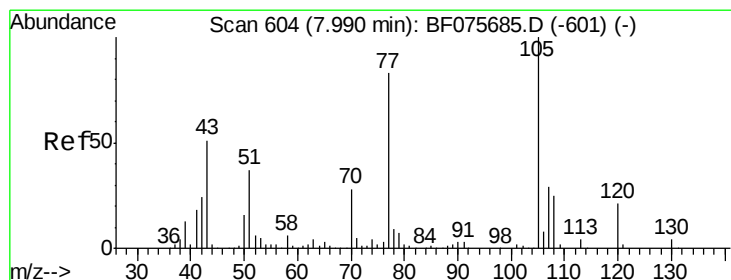
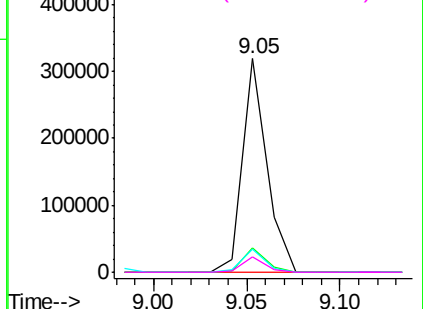
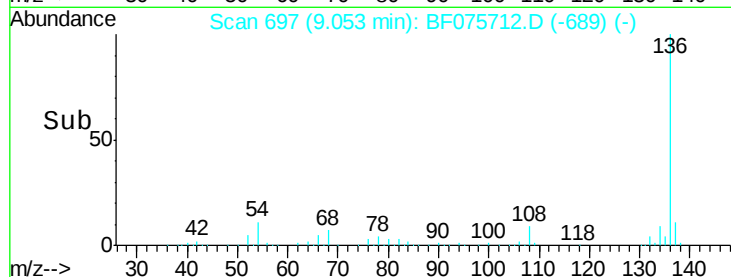
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.05 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	289066
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.2 12.4
54	11.0	6.2 9.4#
68	7.2	3.4 5.2#

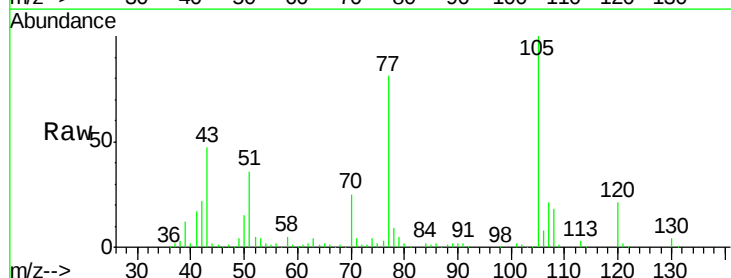


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

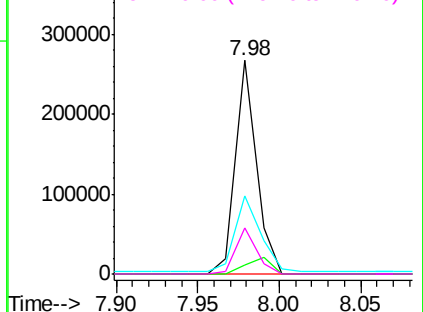
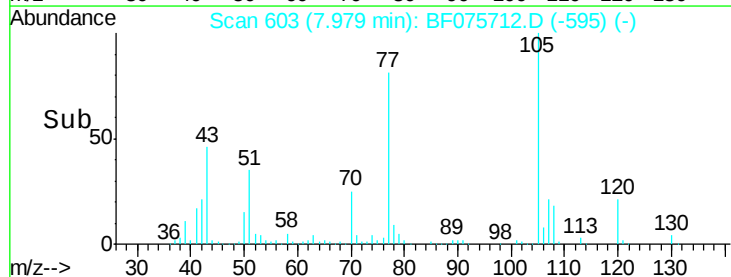


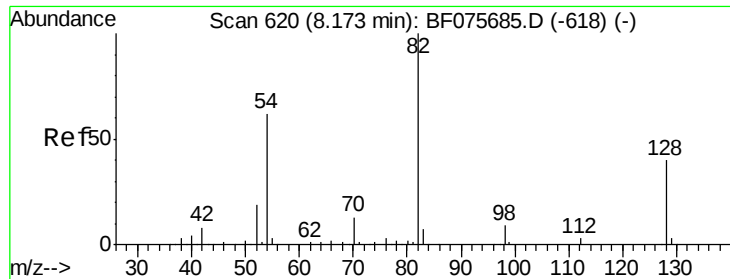
#22
Acetophenone
Concen: 33.99 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:105	Resp:	237318
Ion Ratio	Lower	Upper
105	100	
71	4.3	10.5 15.7#
51	36.4	24.2 36.2#
120	21.4	17.5 26.3



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

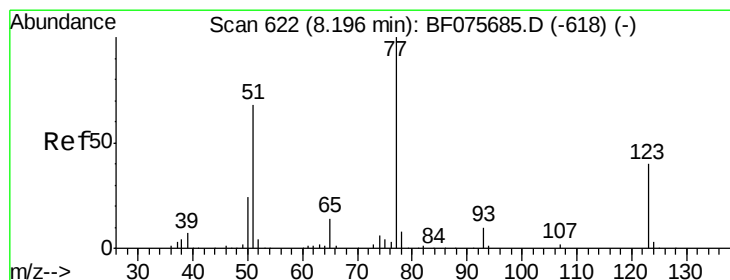
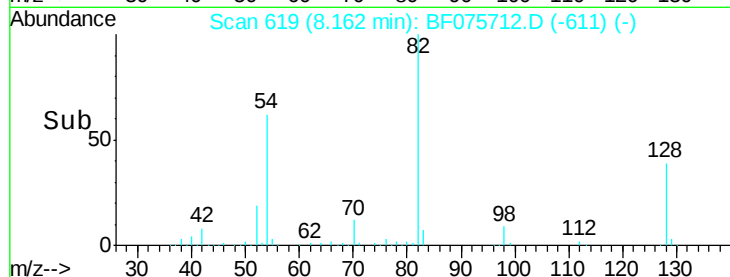
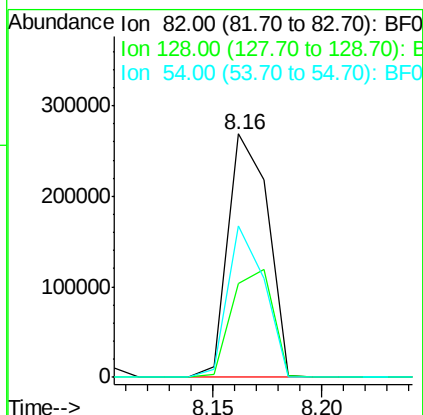
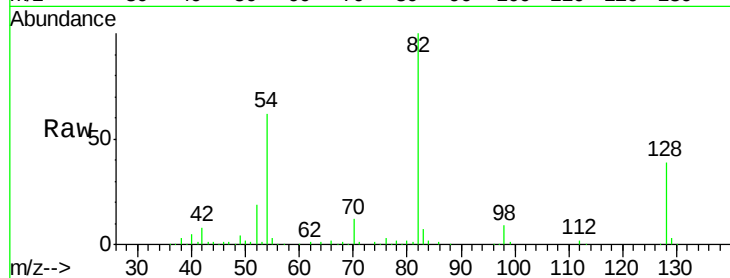




#23
 Nitrobenzene-d5
 Concen: 72.99 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

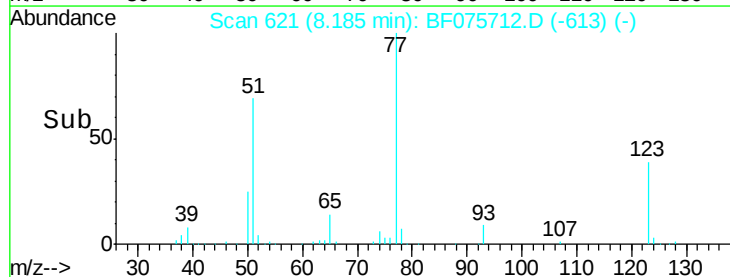
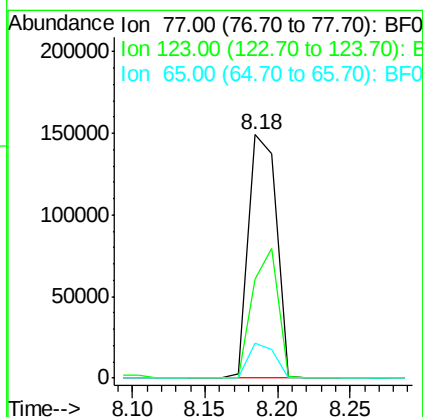
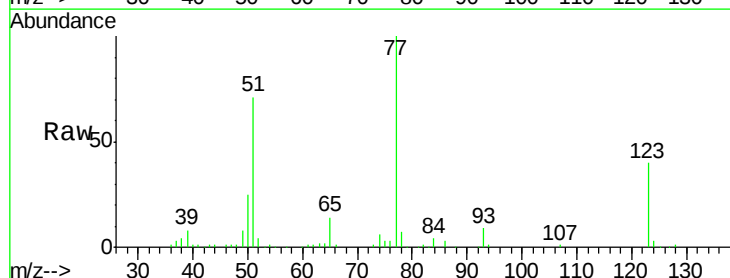
Instrument :
 BNA_F
 ClientSampleId :

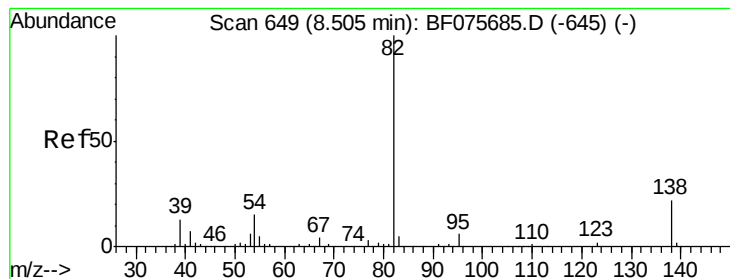
Tot Ion: 82 Resp: 343725
 Ion Ratio Lower Upper
 82 100
 128 38.8 37.8 56.6
 54 62.1 49.8 74.8



#24
 Nitrobenzene
 Concen: 36.61 ng
 RT: 8.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion: 77 Resp: 199559
 Ion Ratio Lower Upper
 77 100
 123 40.5 39.0 58.4
 65 14.4 10.6 15.8





#25

Isophorone

Concen: 35.88 ng

RT: 8.49 min Scan# 648

Delta R.T. -0.00 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

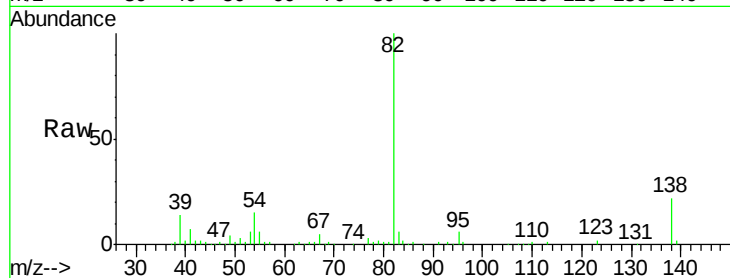
Tot Ion: 82 Resp: 357590

Ion Ratio Lower Upper

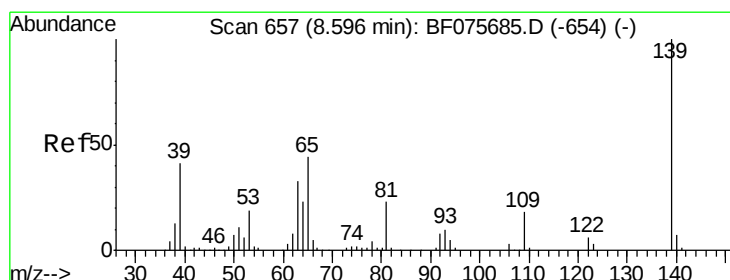
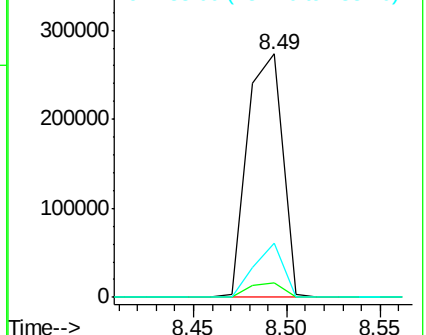
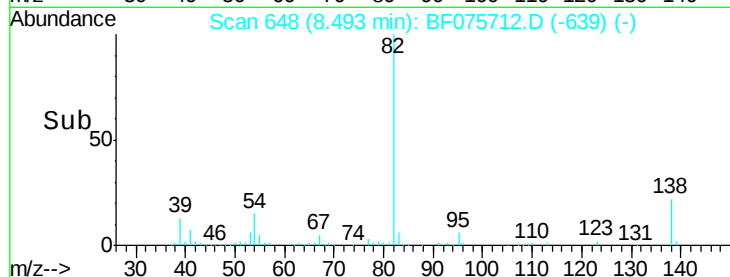
82 100

95 5.8 5.2 7.8

138 22.1 15.0 22.6



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



#26

2-Nitrophenol

Concen: 38.62 ng

RT: 8.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

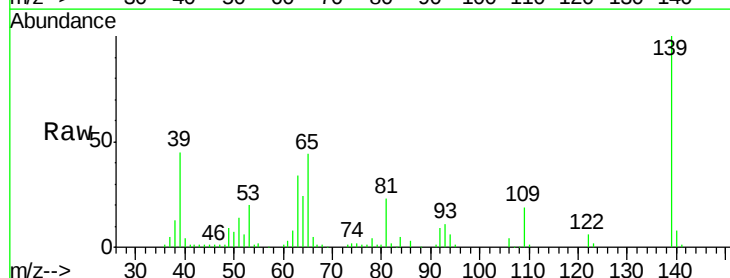
Tgt Ion: 139 Resp: 98591

Ion Ratio Lower Upper

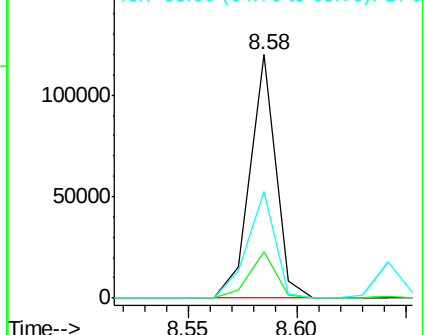
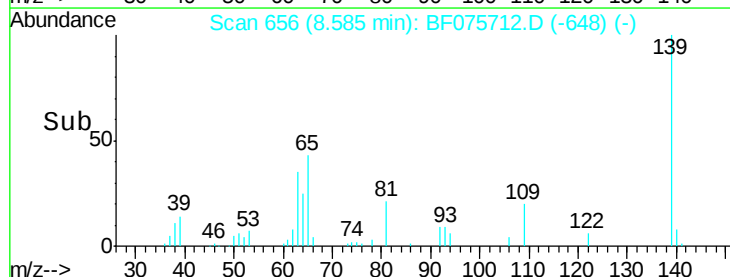
139 100

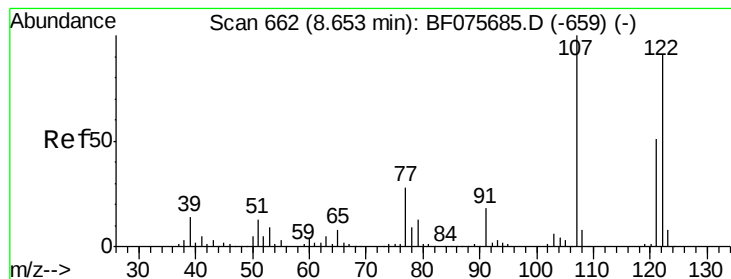
109 19.3 22.3 33.5#

65 43.6 49.1 73.7#



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





#27

2,4-Dimethylphenol

Concen: 35.89 ng

RT: 8.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

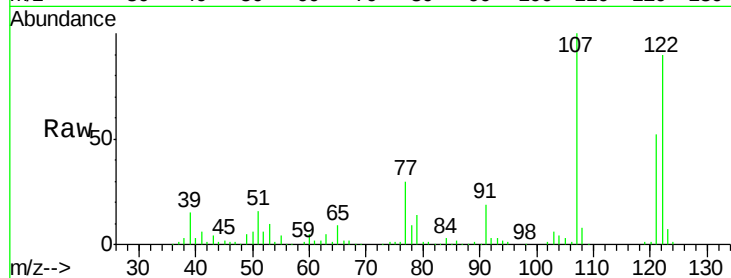
Tot Ion:122 Resp: 159979

Ion Ratio Lower Upper

122 100

107 110.9 86.5 129.7

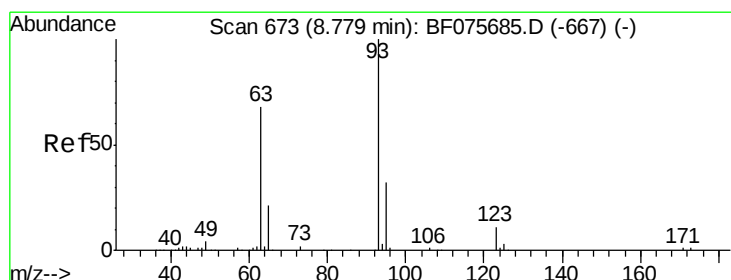
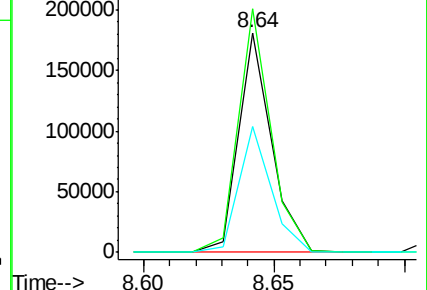
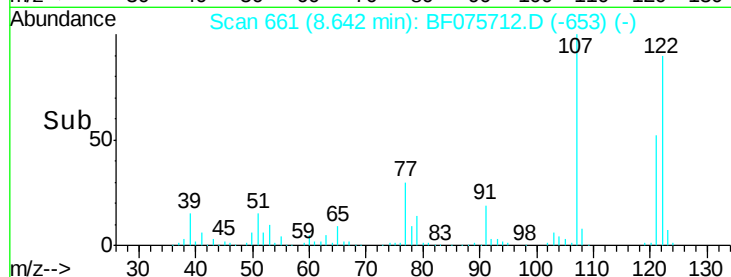
121 57.3 45.4 68.2



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: 40.20 ng

RT: 8.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

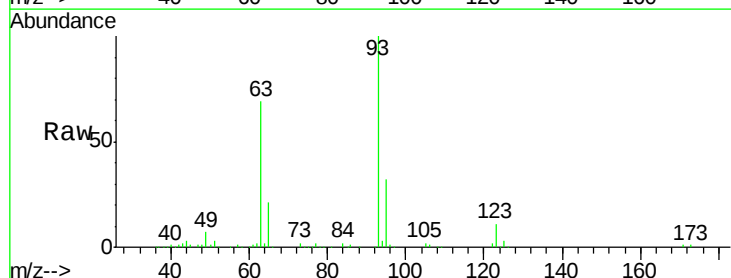
Tgt Ion: 93 Resp: 244915

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

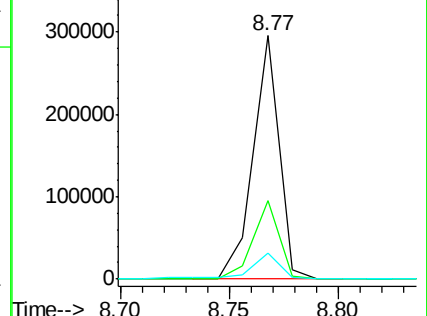
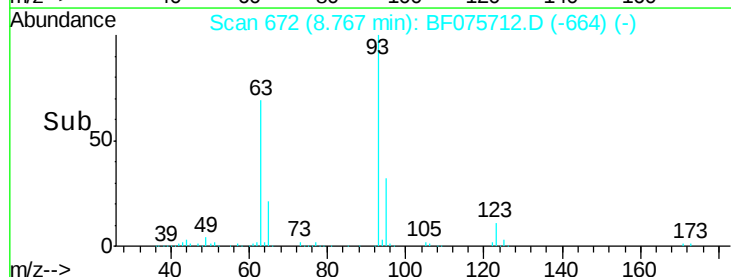
123 10.6 8.8 13.2

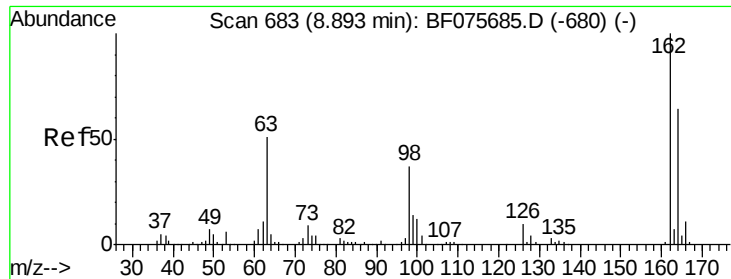


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

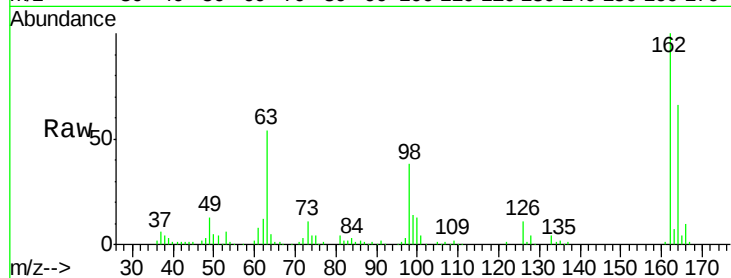




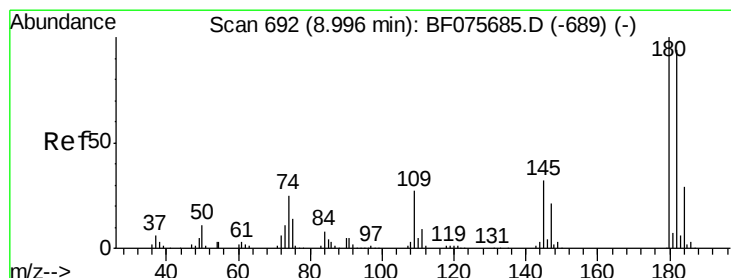
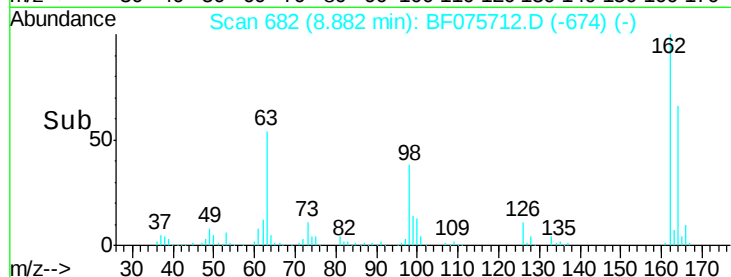
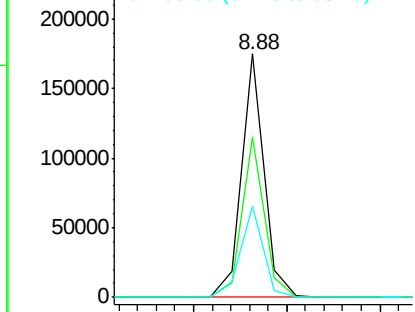
#29
 2,4-Dichlorophenol
 Concen: 37.21 ng
 RT: 8.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 146876
 Ion Ratio Lower Upper
 162 100
 164 65.7 43.8 83.8
 98 37.5 14.6 54.6

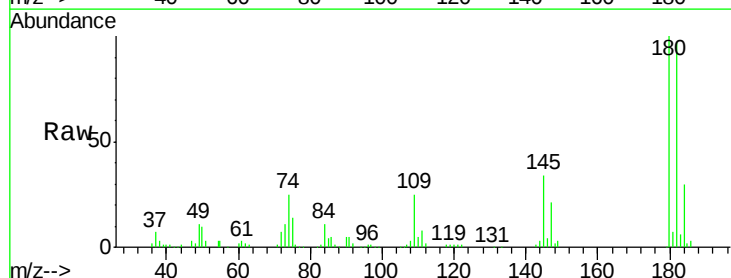


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

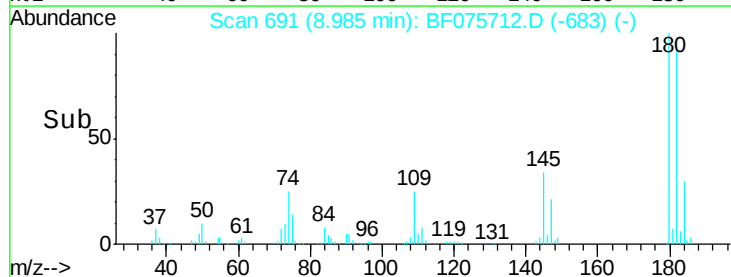
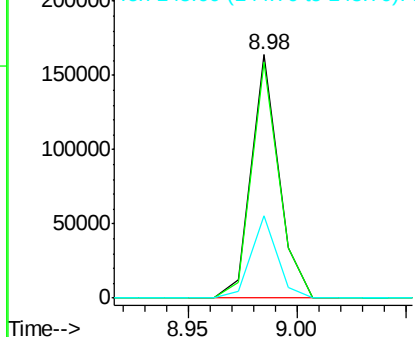


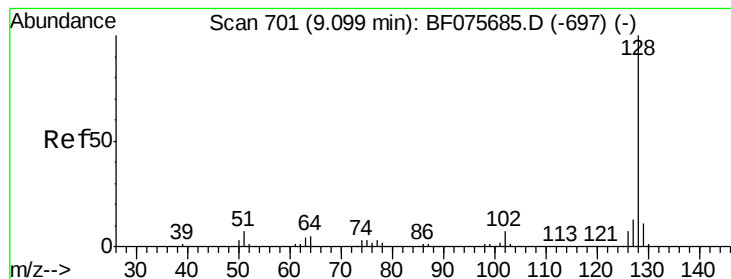
#30
 1,2,4-Trichlorobenzene
 Concen: 35.19 ng
 RT: 8.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:180 Resp: 144397
 Ion Ratio Lower Upper
 180 100
 182 97.1 78.4 117.6
 145 33.6 22.3 33.5#



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: 36.90 ng

RT: 9.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

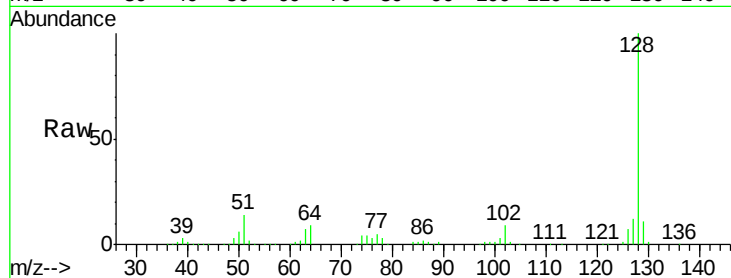
Tot Ion:128 Resp: 544607

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

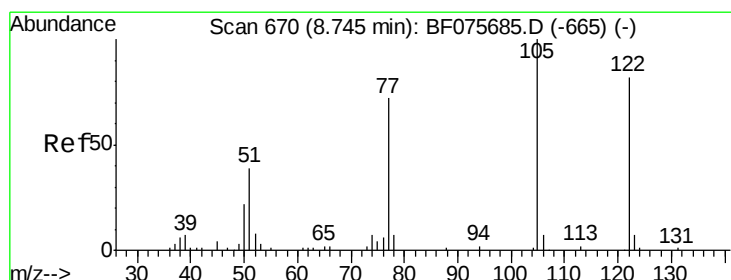
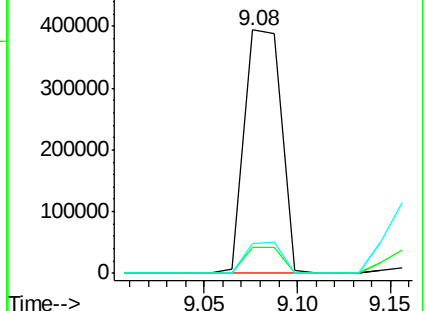
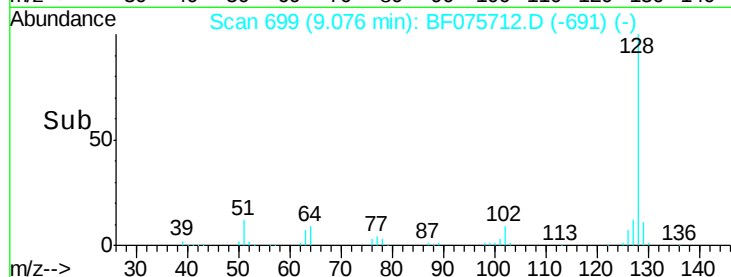
127 12.4 10.2 15.4



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: 63.17 ng

RT: 8.64 min Scan# 661

Delta R.T. -0.06 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

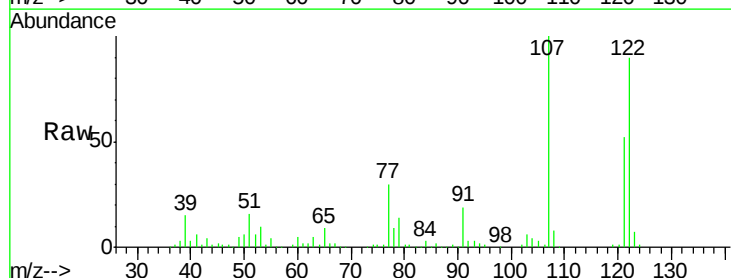
Tgt Ion:122 Resp: 159979

Ion Ratio Lower Upper

122 100

105 3.7 95.1 135.1#

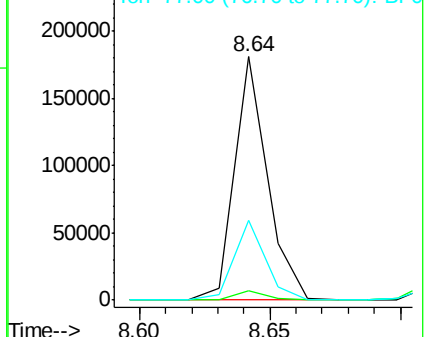
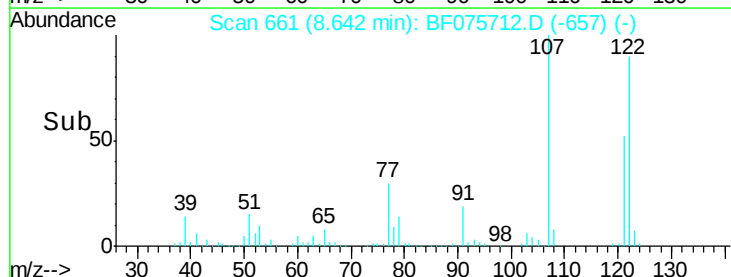
77 32.9 62.6 102.6#

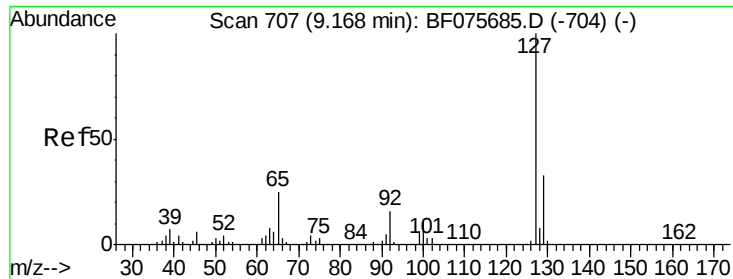


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

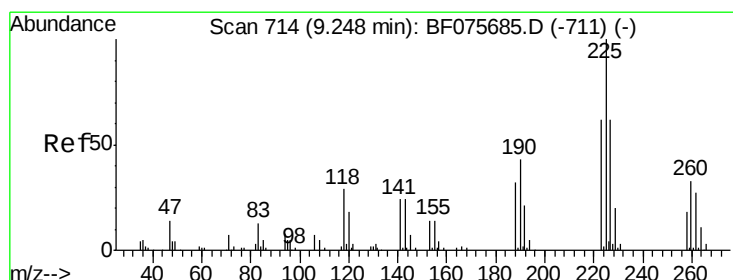
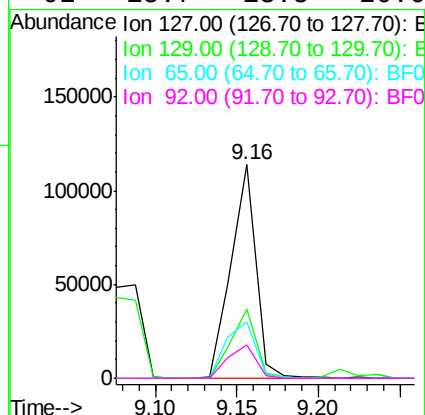
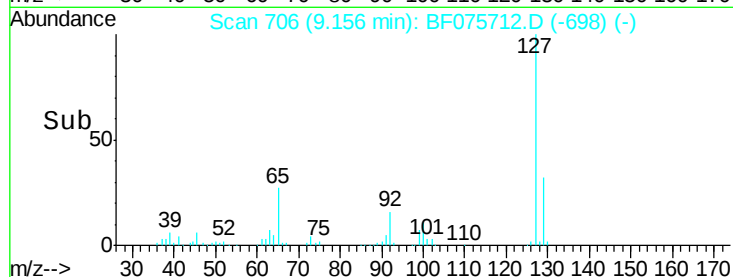
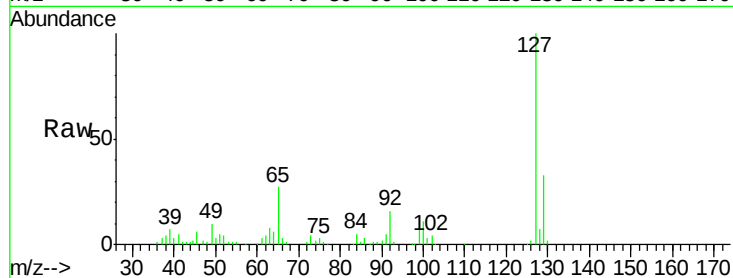




#33
4-Chloroaniline
Concen: 18.93 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

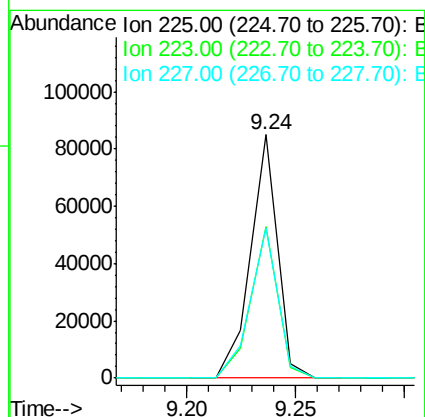
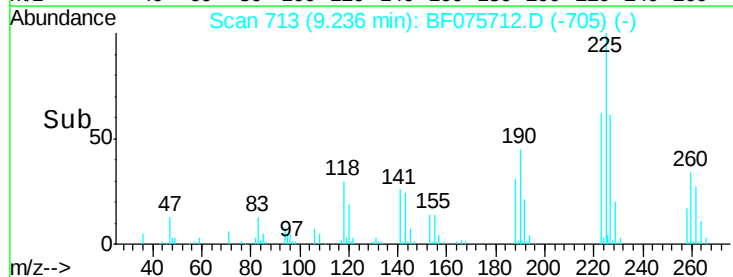
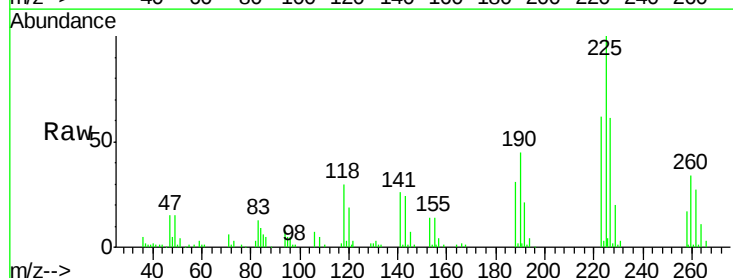
Instrument :
BNA_F
ClientSampleId :

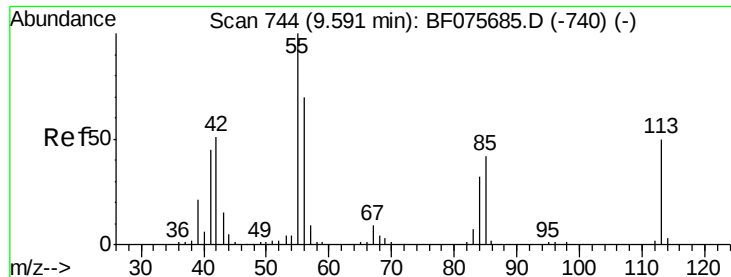
Tot Ion:	127	Resp:	119847
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	26.7	22.8	34.2
92	15.7	13.8	20.6



#34
Hexachlorobutadiene
Concen: 36.35 ng
RT: 9.24 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:	225	Resp:	73213
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.0	76.6
227	61.5	48.6	73.0





#35

Caprolactam

Concen: 37.59 ng

RT: 9.58 min Scan# 743

Delta R.T. 0.02 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

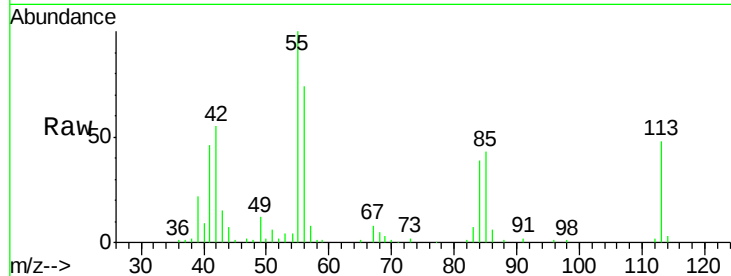
Tot Ion:113 Resp: 49255

Ion Ratio Lower Upper

113 100

55 208.3 226.9 266.9#

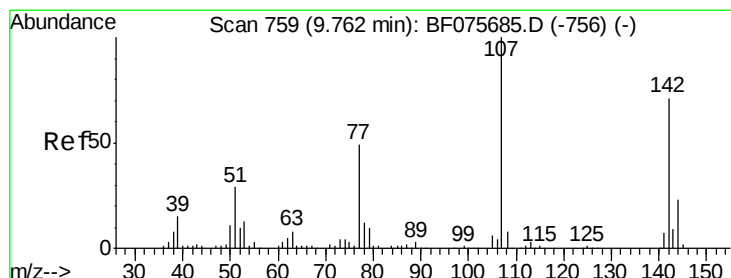
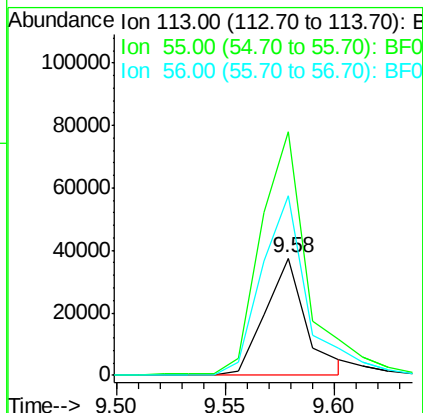
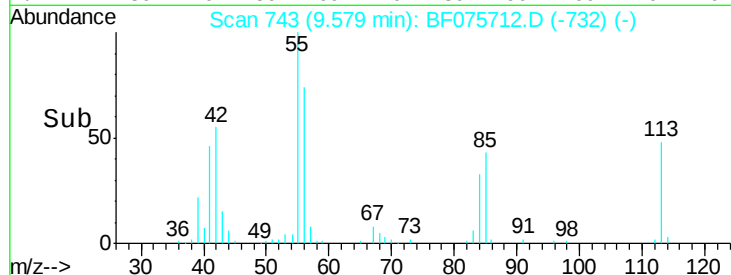
56 153.6 148.4 188.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.36 ng

RT: 9.76 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

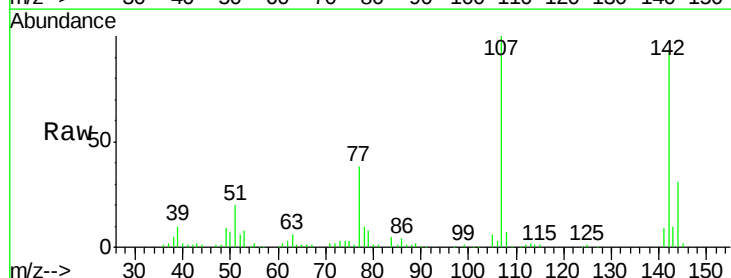
Tgt Ion:107 Resp: 158244

Ion Ratio Lower Upper

107 100

144 30.9 19.1 28.7#

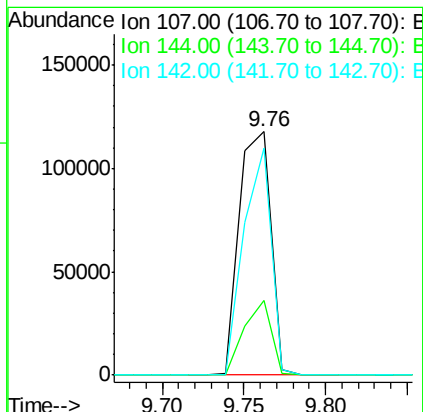
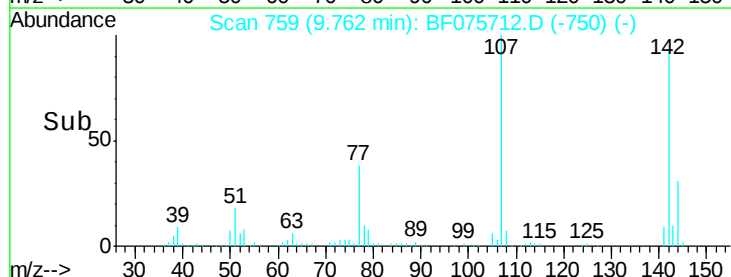
142 93.3 62.9 94.3

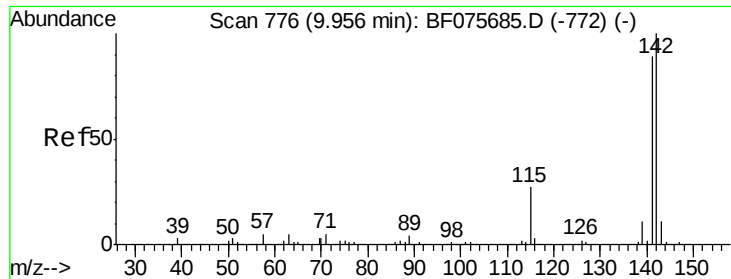


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

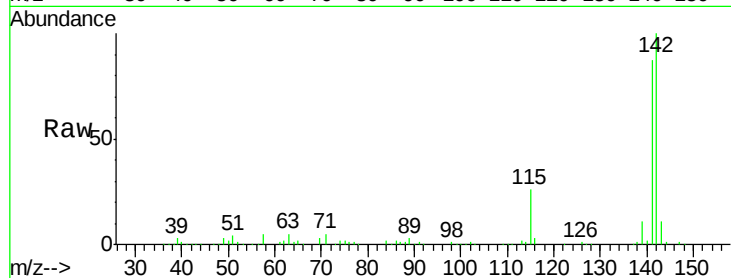




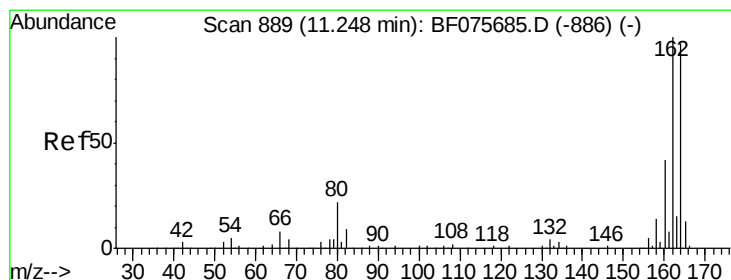
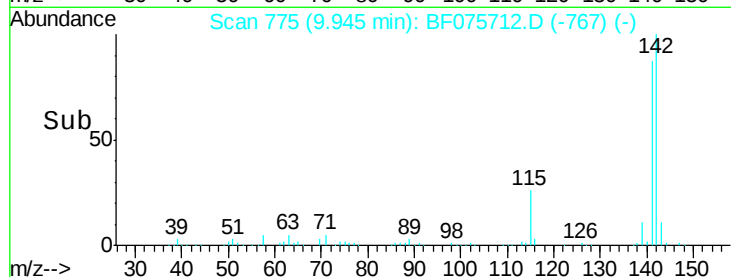
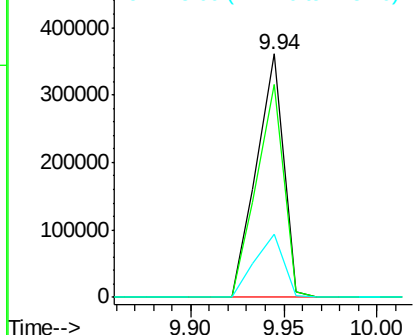
#37
2-Methylnaphthalene
Concen: 37.06 ng
RT: 9.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 364087
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9
115 26.0 27.6 41.4#

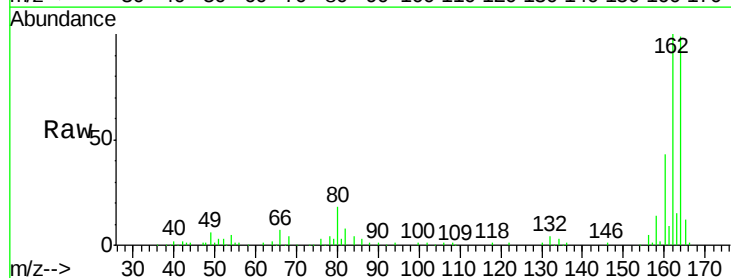


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

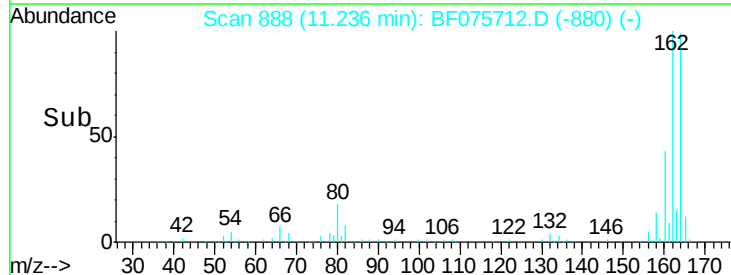
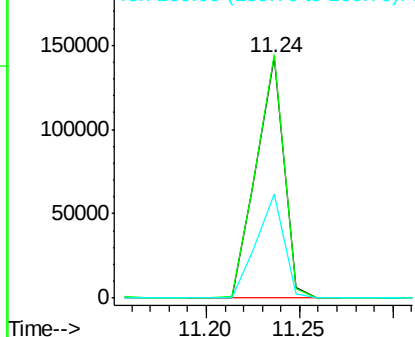


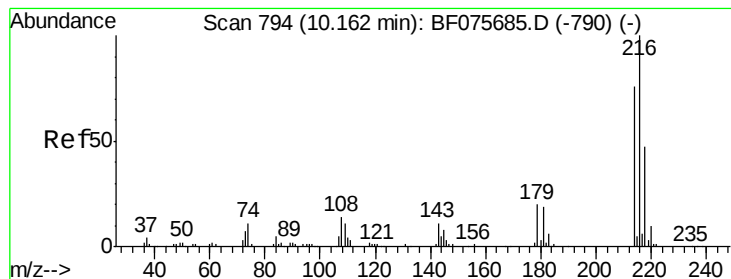
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:164 Resp: 147470
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 43.2 34.6 51.8



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: 33.73 ng

RT: 10.15 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 114662

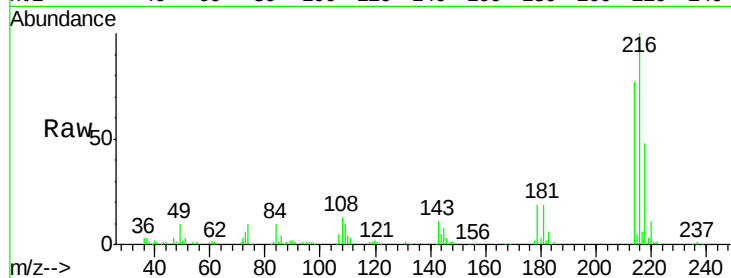
Ion Ratio Lower Upper

216 100

214 77.4 62.8 94.2

179 21.2 18.7 28.1

108 22.4 18.1 27.1

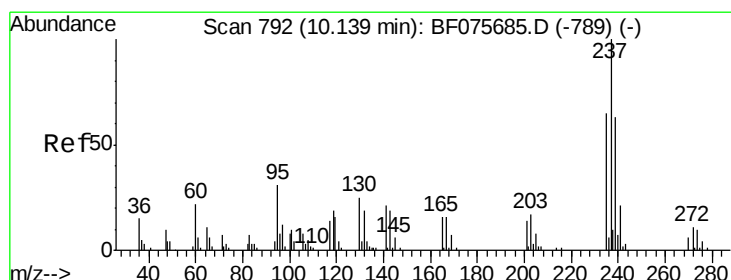
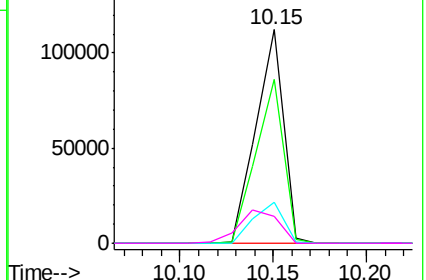
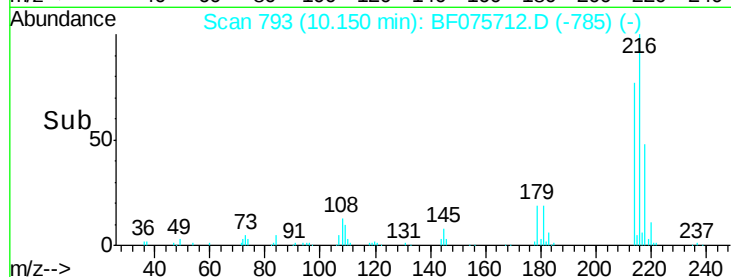


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.69 ng

RT: 10.13 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

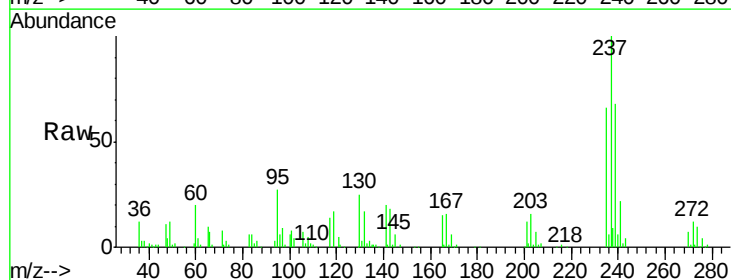
Tgt Ion:237 Resp: 133777

Ion Ratio Lower Upper

237 100

235 65.7 45.7 85.7

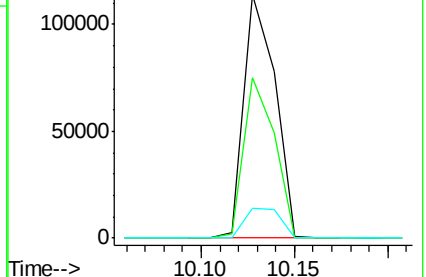
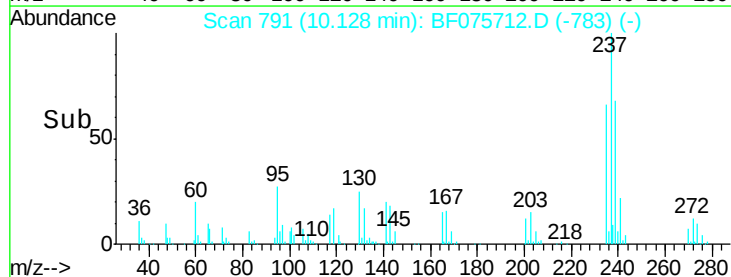
272 12.3 0.0 32.6

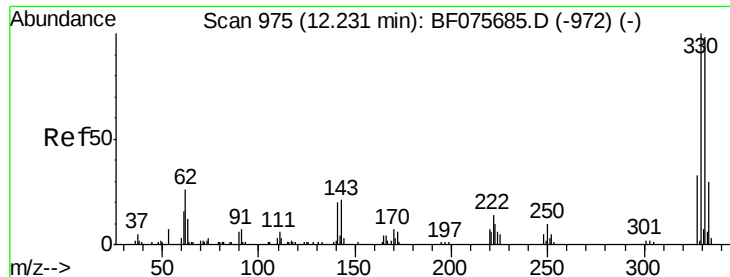


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

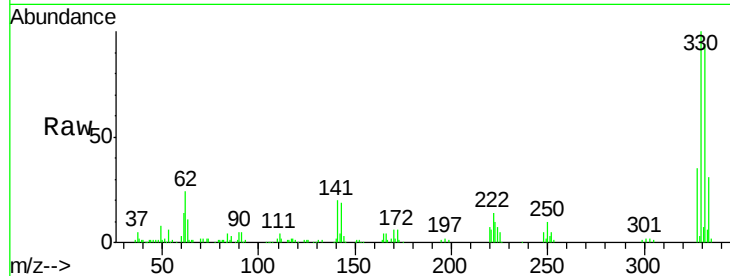




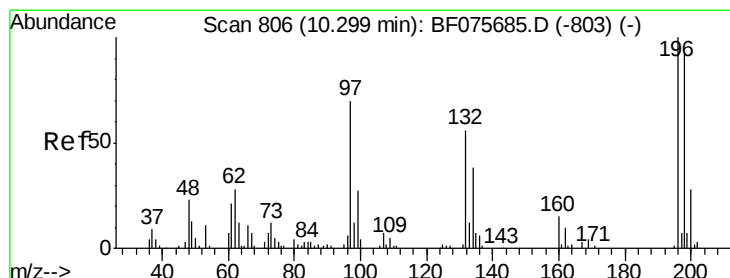
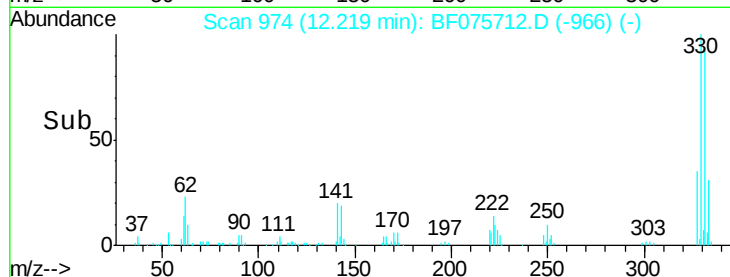
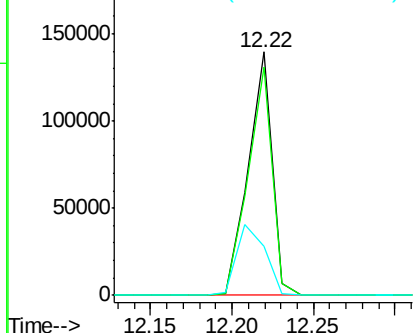
#41
 2,4,6-Tribromophenol
 Concen: 117.75 ng
 RT: 12.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	74.5	111.7
141	34.3	30.7	46.1

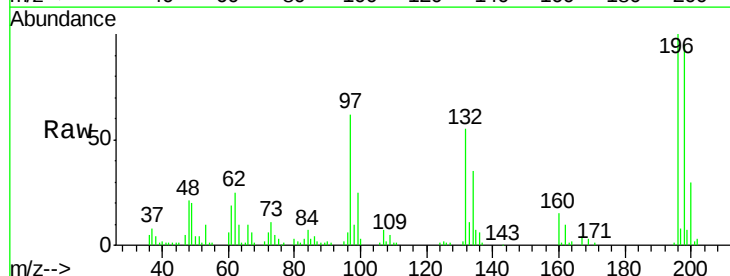


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

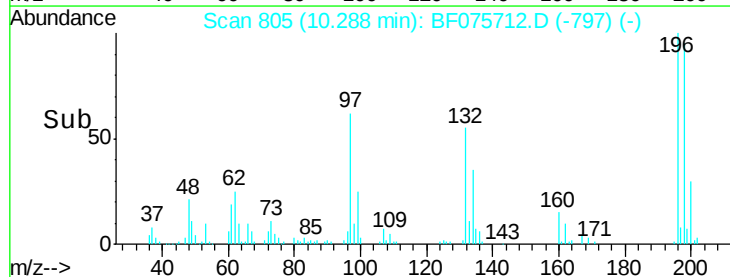
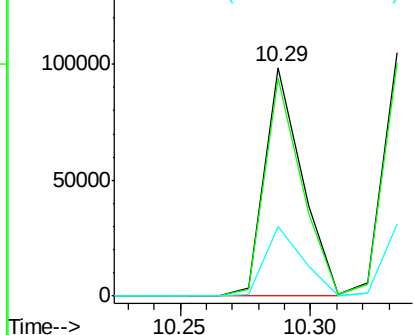


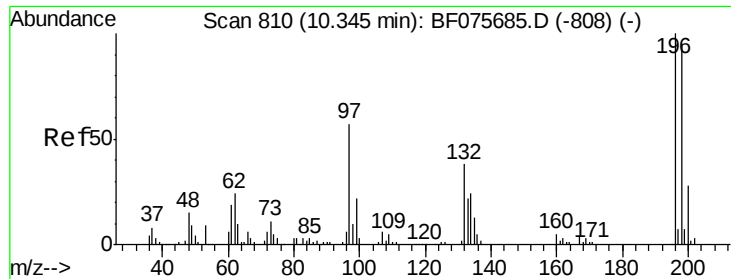
#42
 2,4,6-Trichlorophenol
 Concen: 37.60 ng
 RT: 10.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.4	23.4	35.0



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

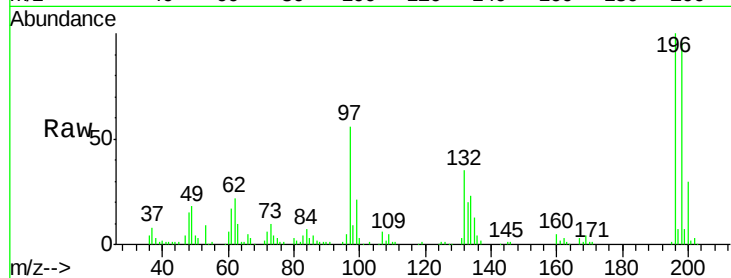




#43
2,4,5-Trichlorophenol
Concen: 36.57 ng
RT: 10.33 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	78.2	117.4
97	56.1	29.9	44.9
132	35.2	22.2	33.2



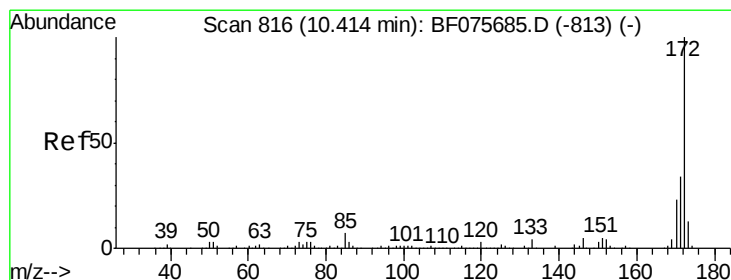
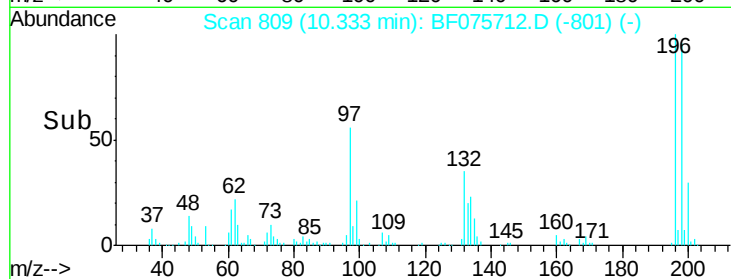
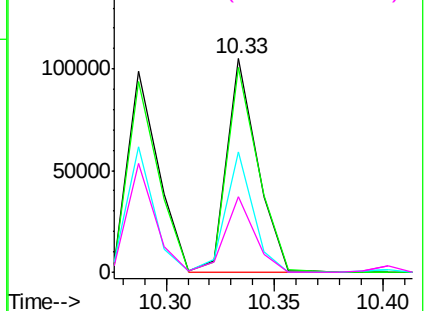
Abundance

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: 71.85 ng
RT: 10.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

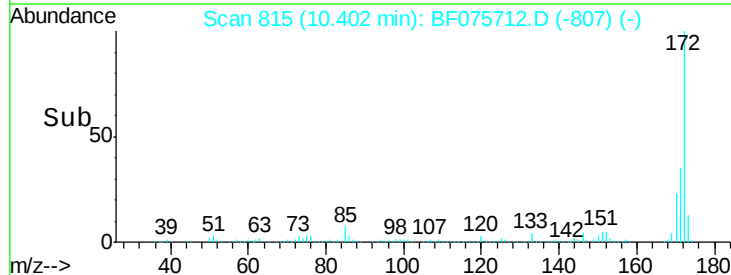
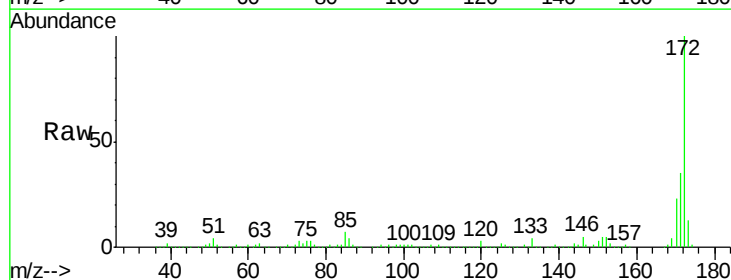
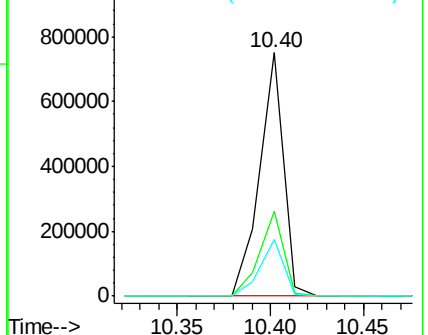
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	23.5	18.4	27.6

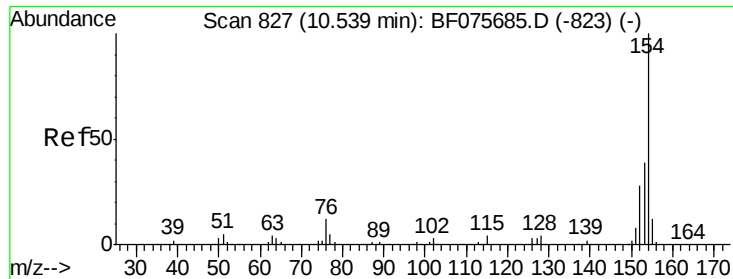
Abundance

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

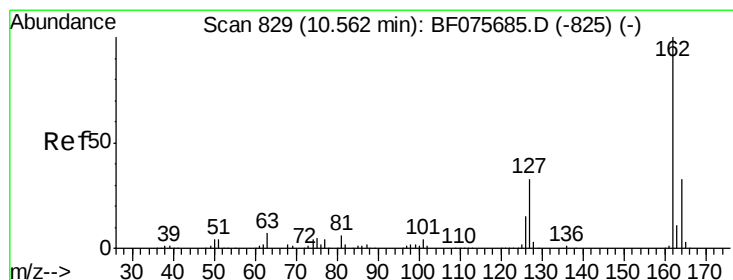
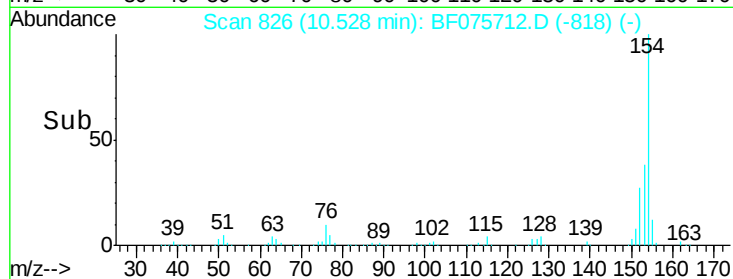
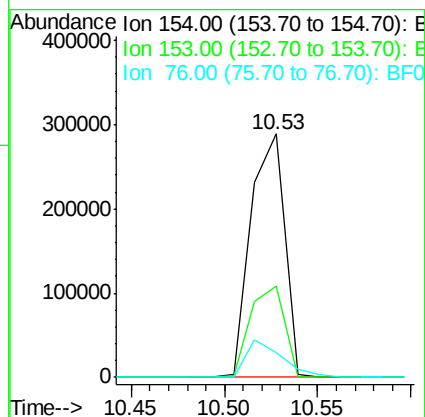
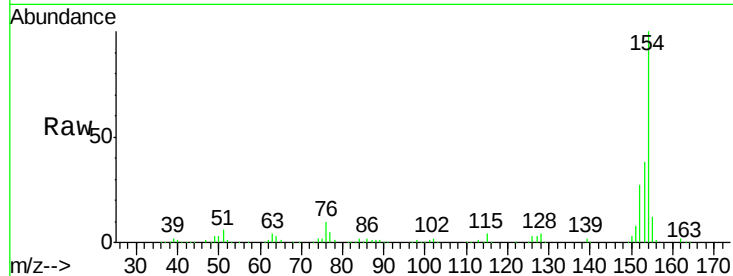




#45
 1,1'-Biphenyl
 Concen: 32.62 ng
 RT: 10.53 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

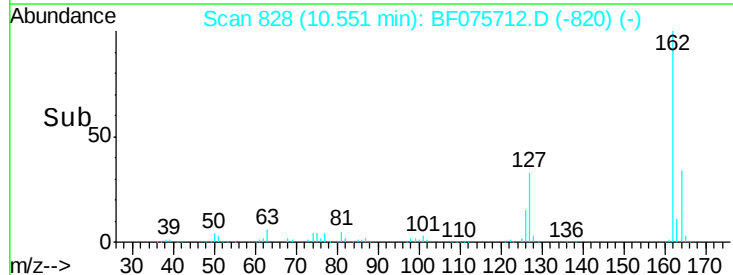
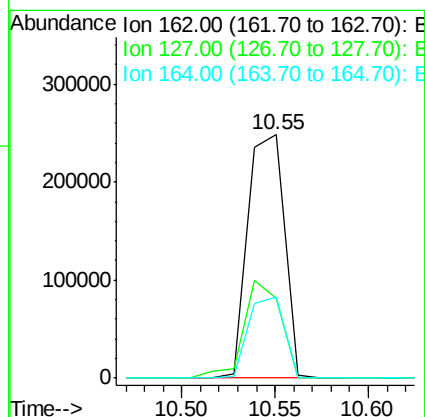
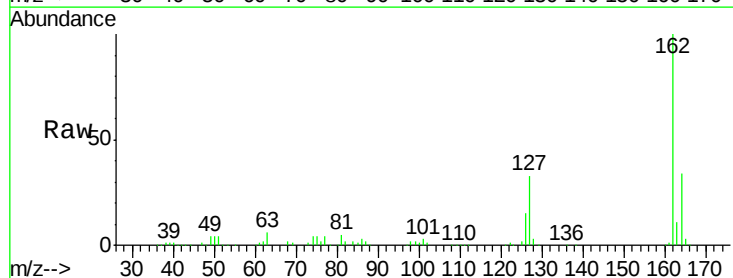
Instrument :
 BNA_F
 ClientSampleId :

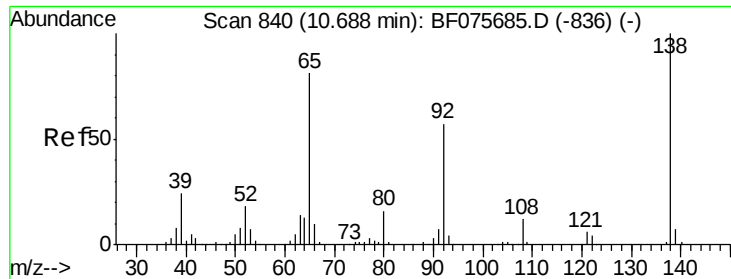
Tot Ion:154 Resp: 360921
 Ion Ratio Lower Upper
 154 100
 153 37.7 19.3 59.3
 76 10.1 0.0 35.0



#46
 2-Chloronaphthalene
 Concen: 37.65 ng
 RT: 10.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:162 Resp: 336849
 Ion Ratio Lower Upper
 162 100
 127 32.9 34.6 51.8#
 164 33.5 25.1 37.7

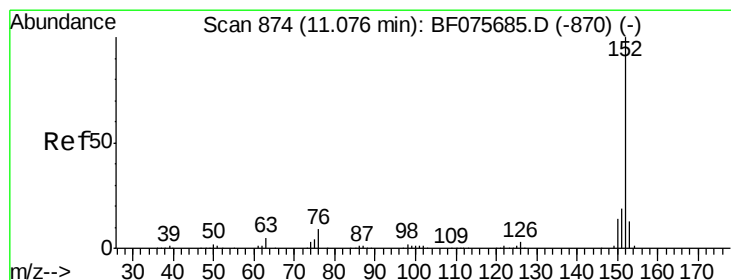
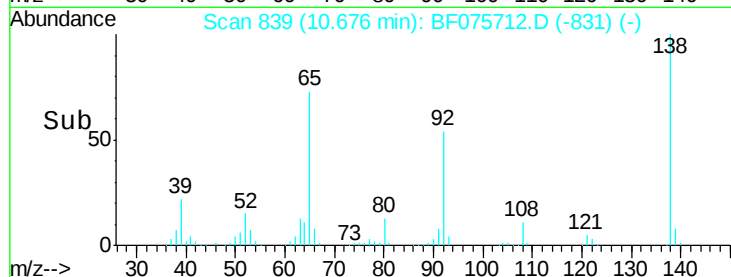
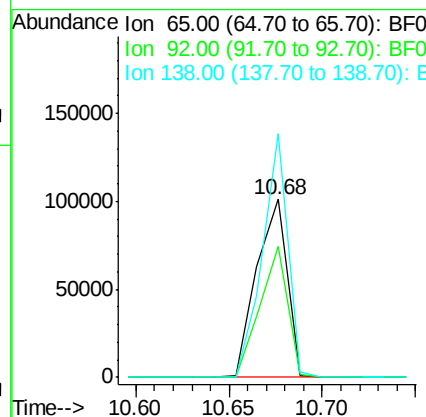
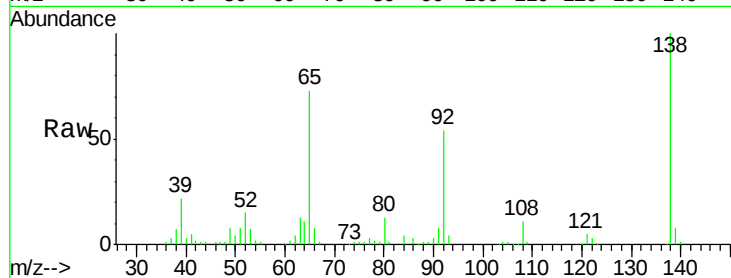




#47
2-Nitroaniline
Concen: 39.17 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

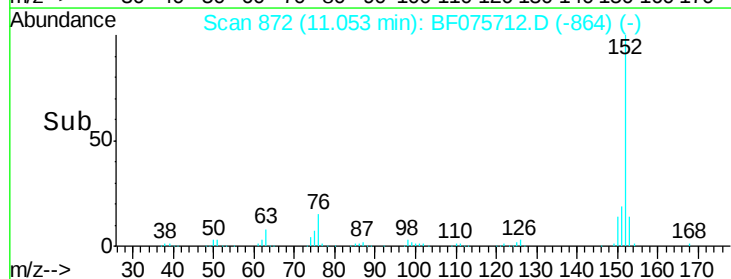
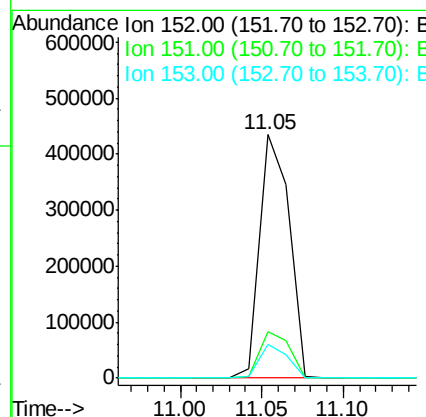
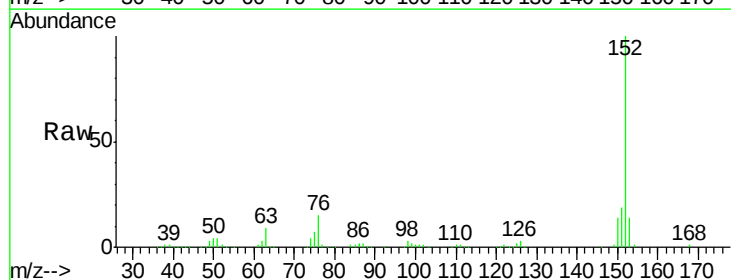
Instrument :
BNA_F
ClientSampleId :

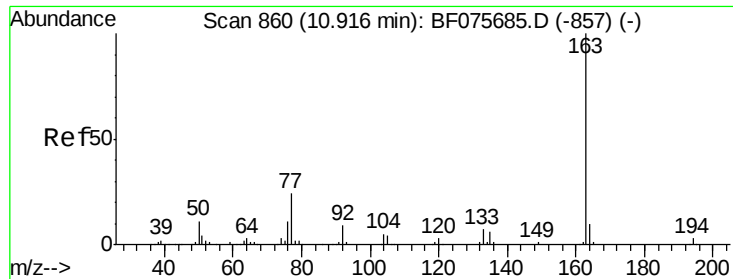
Tot Ion: 65 Resp: 113871
Ion Ratio Lower Upper
65 100
92 73.3 46.7 70.1#
138 136.9 62.8 94.2#



#48
Acenaphthylene
Concen: 37.70 ng
RT: 11.05 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion: 152 Resp: 550244
Ion Ratio Lower Upper
152 100
151 19.2 15.4 23.2
153 13.7 10.0 15.0

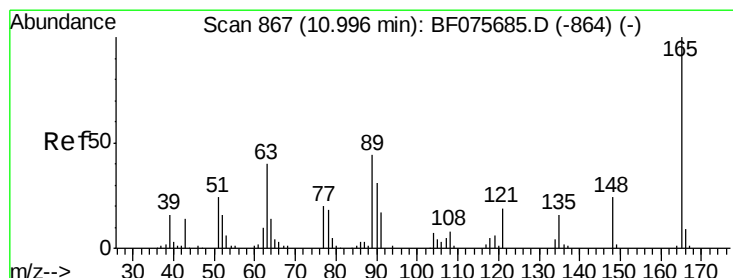
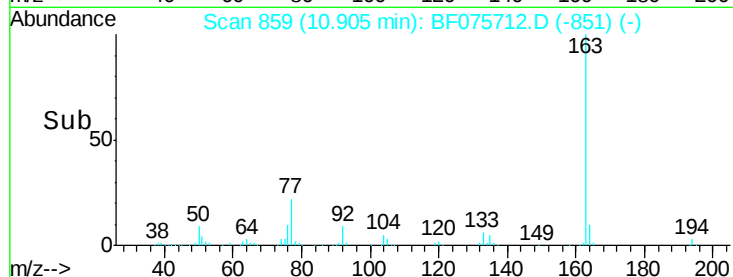
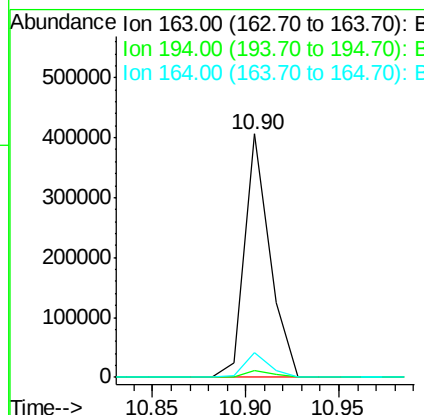
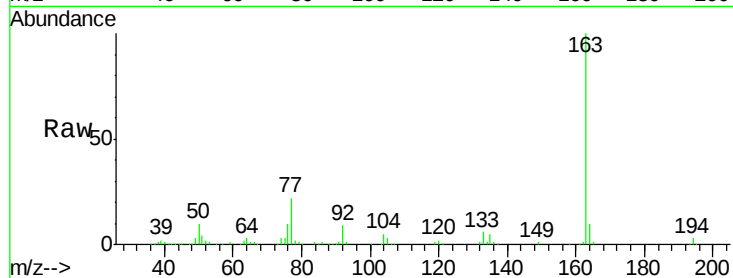




#49
Dimethylphthalate
Concen: 35.39 ng
RT: 10.90 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

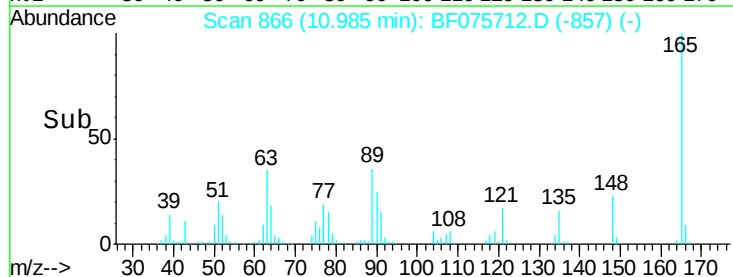
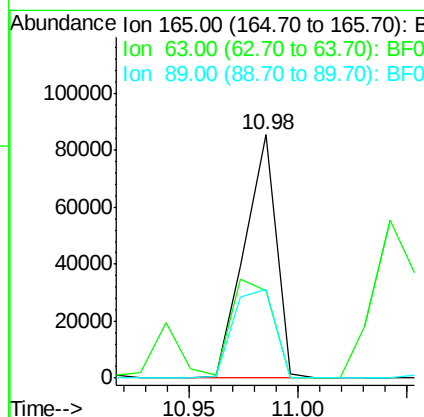
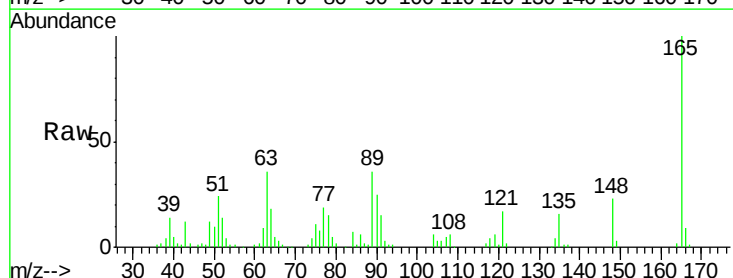
Instrument :
BNA_F
ClientSampleId :

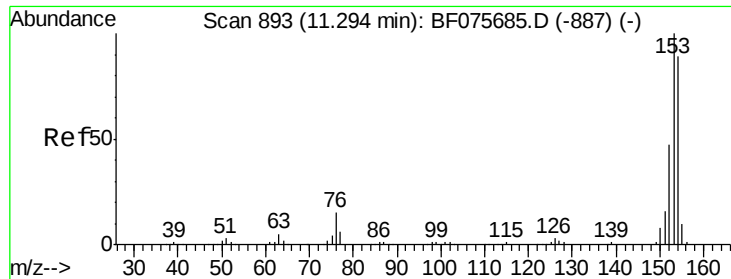
Tot Ion:163 Resp: 380990
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.3 8.0 12.0



#50
2,6-Dinitrotoluene
Concen: 39.72 ng
RT: 10.98 min Scan# 866
Delta R.T. -0.00 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:165 Resp: 87254
Ion Ratio Lower Upper
165 100
63 36.0 61.2 91.8#
89 36.2 52.5 78.7#





#51

Acenaphthene

Concen: 36.10 ng

RT: 11.27 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

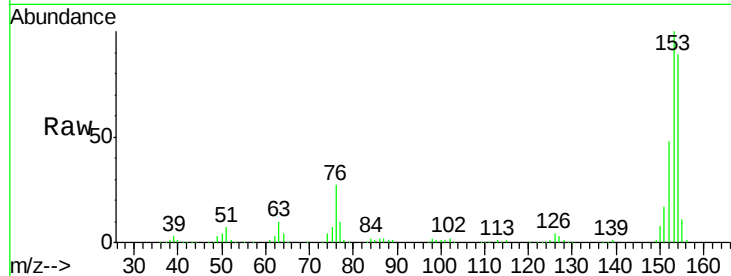
Tot Ion:154 Resp: 303939

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

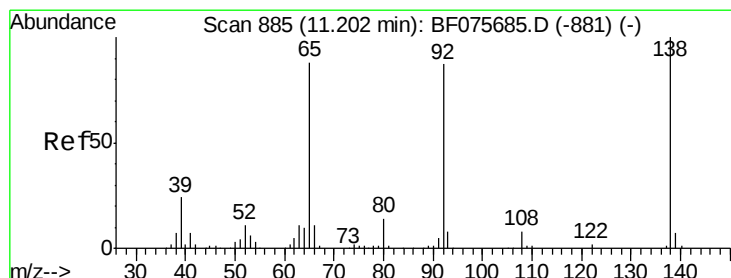
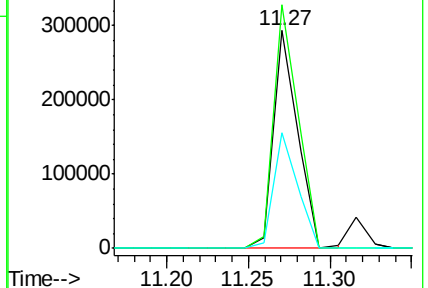
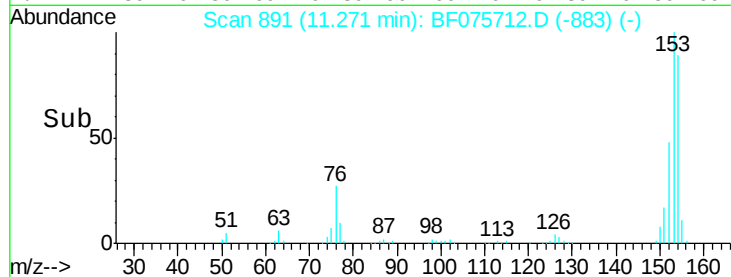
152 53.3 43.4 65.0



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: 23.68 ng

RT: 11.18 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

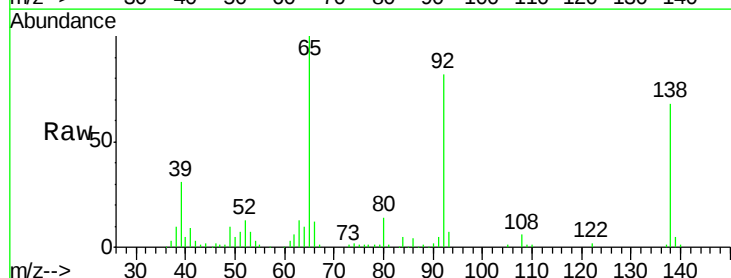
Tgt Ion:138 Resp: 68875

Ion Ratio Lower Upper

138 100

108 8.8 10.2 15.2#

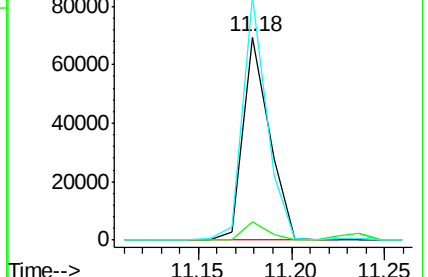
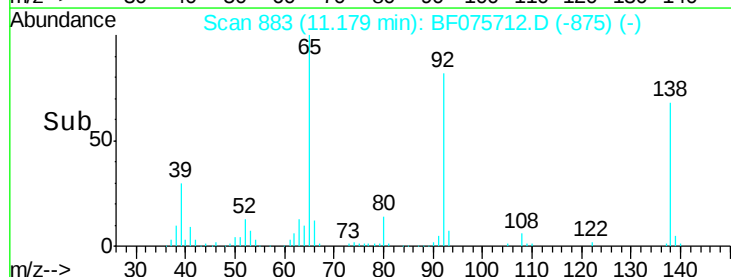
92 119.9 91.0 136.6

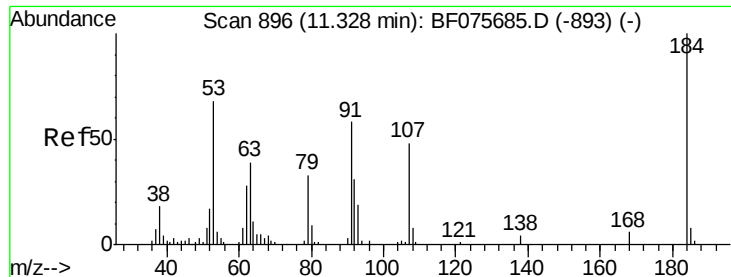


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

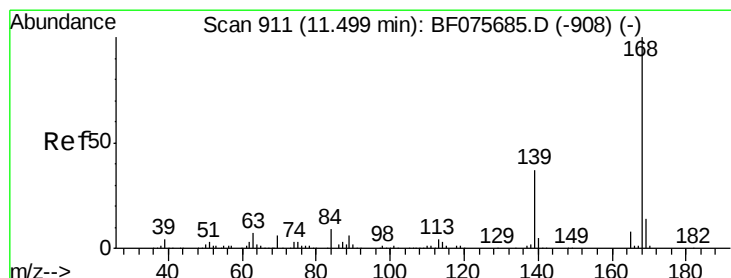
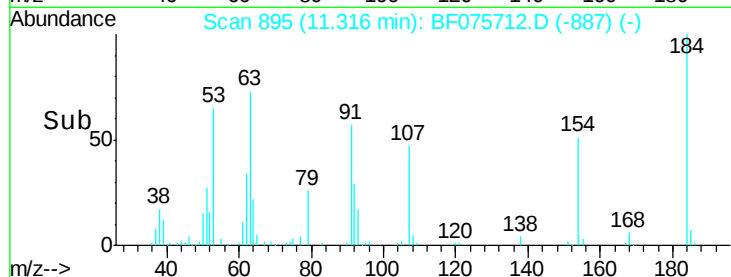
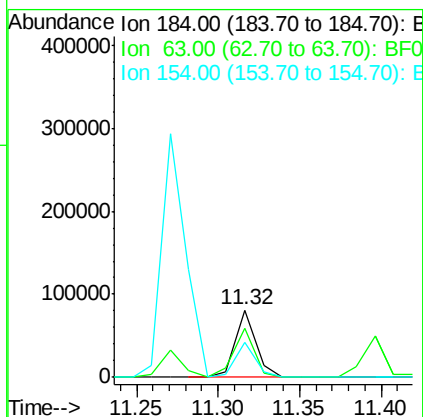
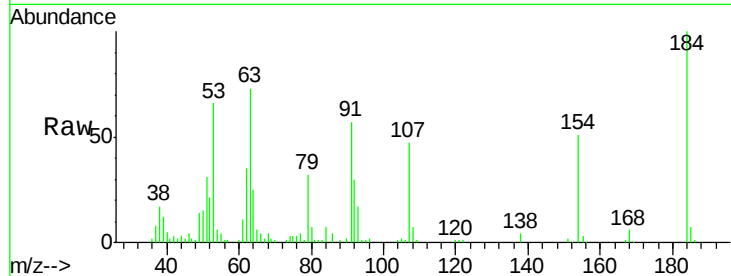




#53
2,4-Dinitrophenol
Concen: 69.59 ng
RT: 11.32 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

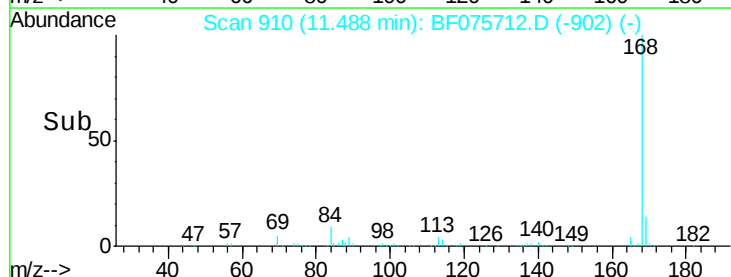
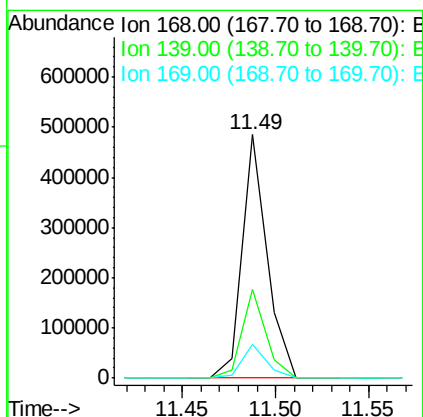
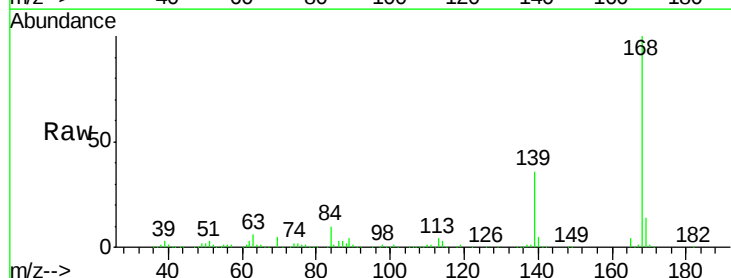
Instrument :
BNA_F
ClientSampled :

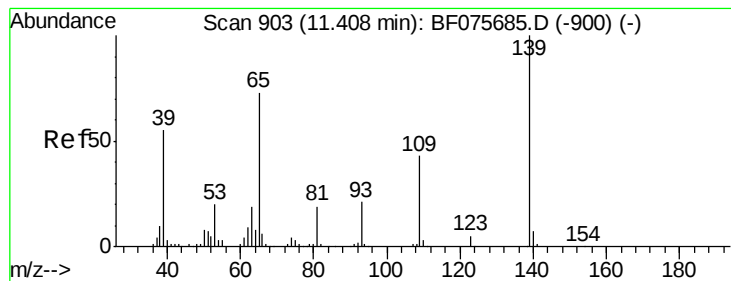
Tot Ion:184 Resp: 71601
Ion Ratio Lower Upper
184 100
63 73.2 96.3 144.5#
154 51.2 56.2 84.4#



#54
Dibenzofuran
Concen: 36.54 ng
RT: 11.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:168 Resp: 449888
Ion Ratio Lower Upper
168 100
139 36.5 33.0 49.4
169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 82.05 ng

RT: 11.40 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

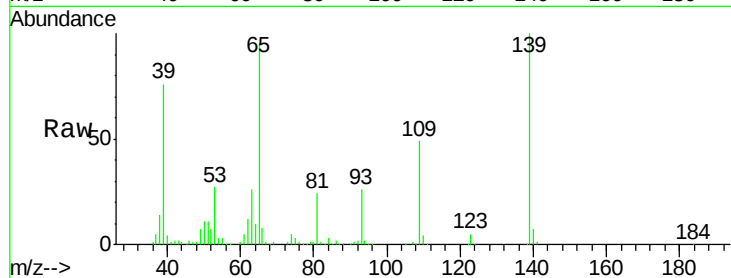
Tot Ion:139 Resp: 178183

Ion Ratio Lower Upper

139 100

109 48.6 45.8 85.8

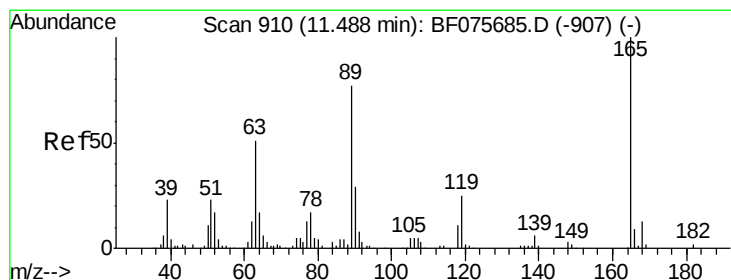
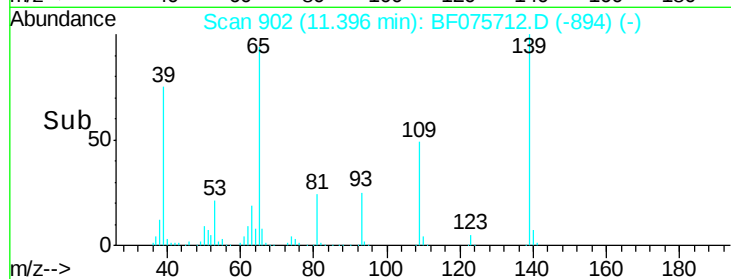
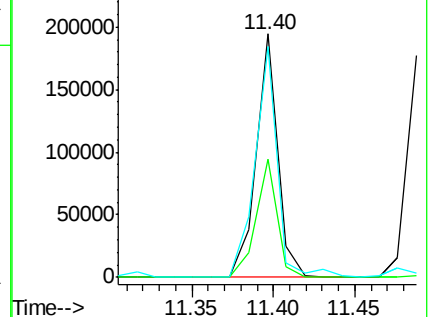
65 94.9 94.8 134.8



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: 41.66 ng

RT: 11.48 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Tgt Ion:165 Resp: 119493

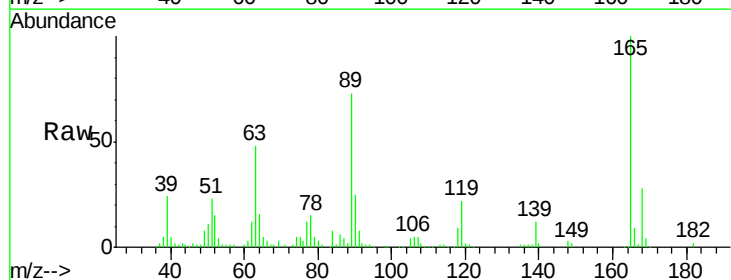
Ion Ratio Lower Upper

165 100

63 47.8 27.0 40.6#

89 72.6 47.8 71.6#

182 1.9 1.7 2.5

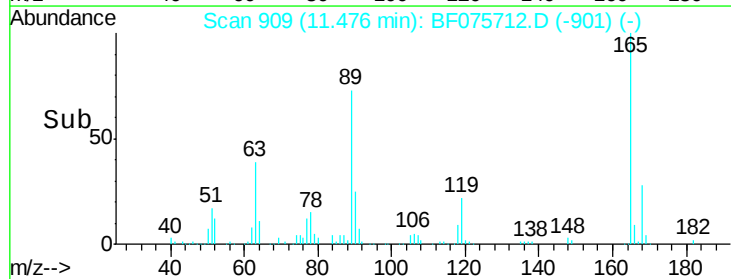
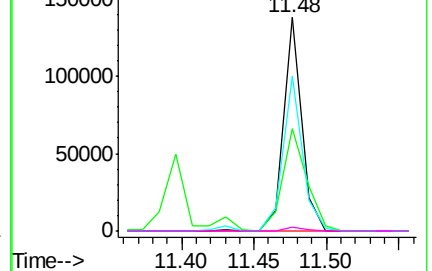


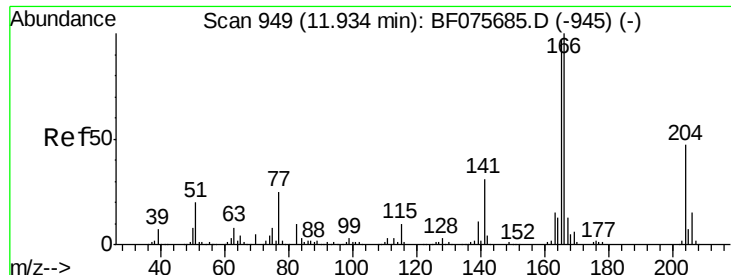
Abundance Ion 165.00 (164.70 to 165.70): E

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

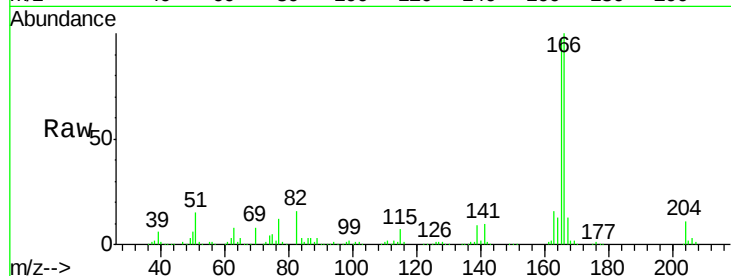




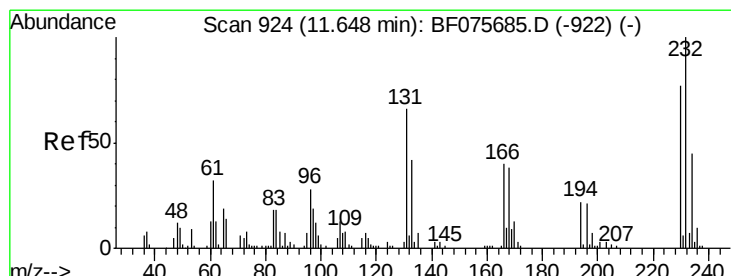
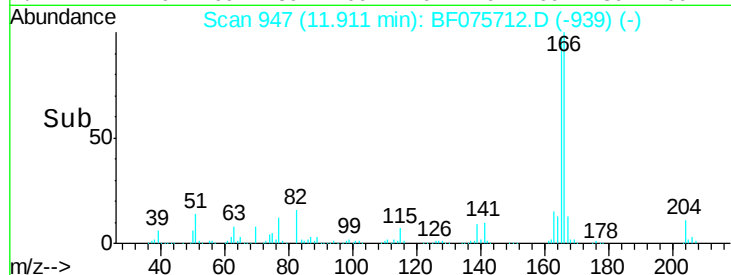
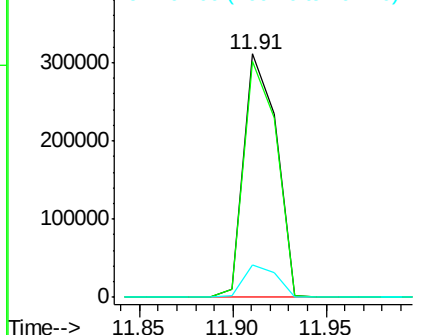
#57
 Fluorene
 Concen: 38.52 ng
 RT: 11.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 382934
 Ion Ratio Lower Upper
 166 100
 165 96.8 78.8 118.2
 167 13.2 10.6 15.8

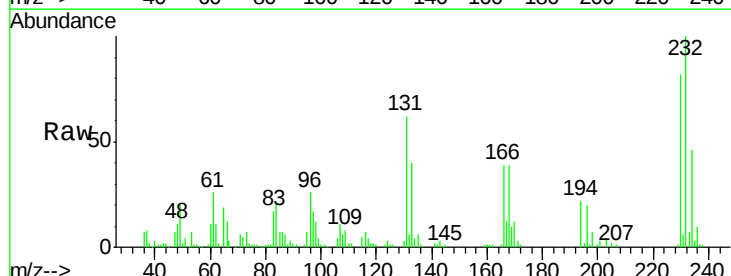


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

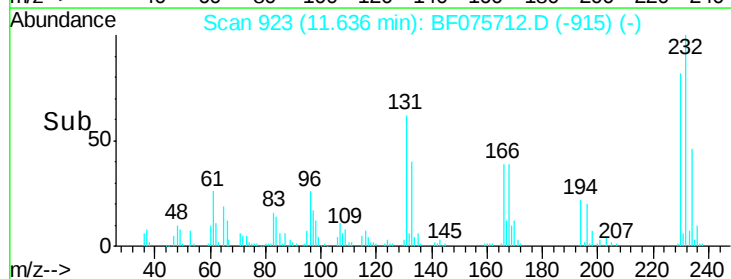
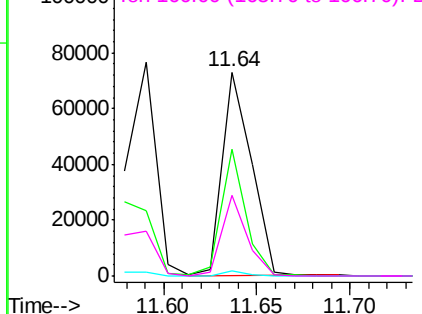


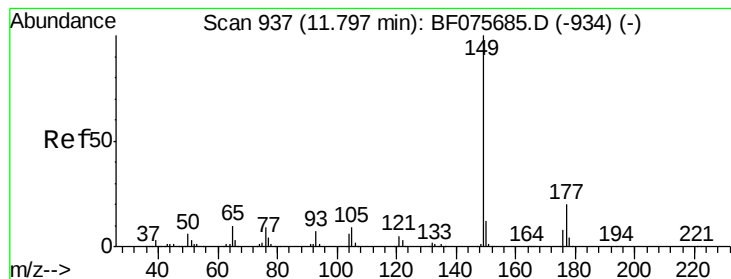
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.41 ng
 RT: 11.64 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:232 Resp: 79642
 Ion Ratio Lower Upper
 232 100
 131 52.4 44.6 67.0
 130 2.2 2.5 3.7#
 166 34.4 29.3 43.9



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: 37.04 ng

RT: 11.78 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

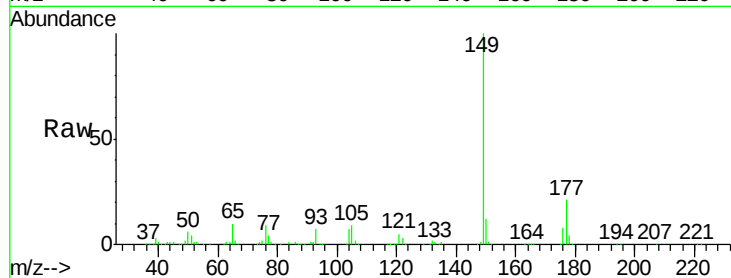
Tot Ion:149 Resp: 376312

Ion Ratio Lower Upper

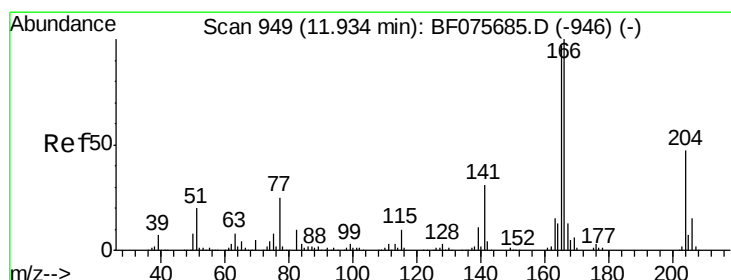
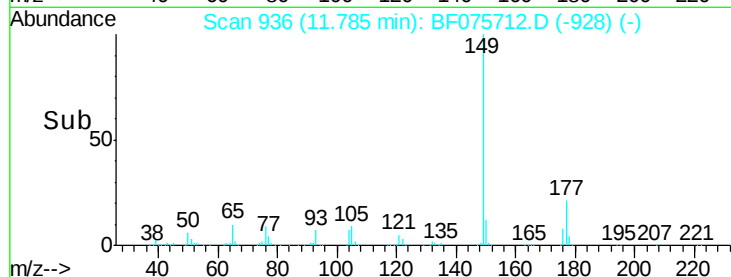
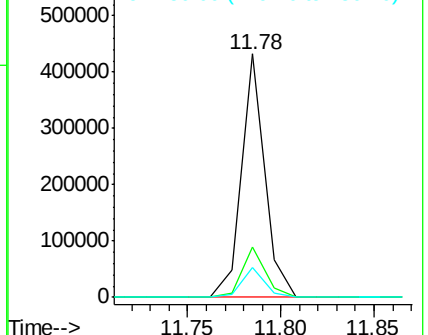
149 100

177 20.8 15.8 23.8

150 12.4 9.9 14.9



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: 39.27 ng

RT: 11.92 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

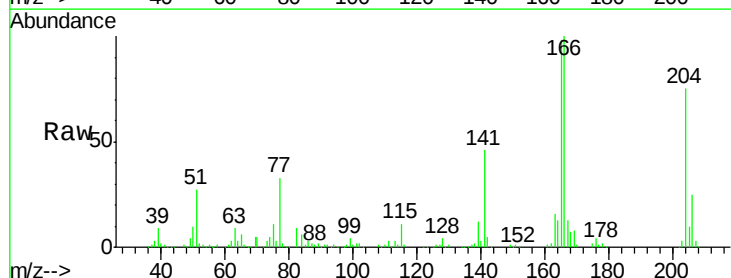
Tgt Ion:204 Resp: 155871

Ion Ratio Lower Upper

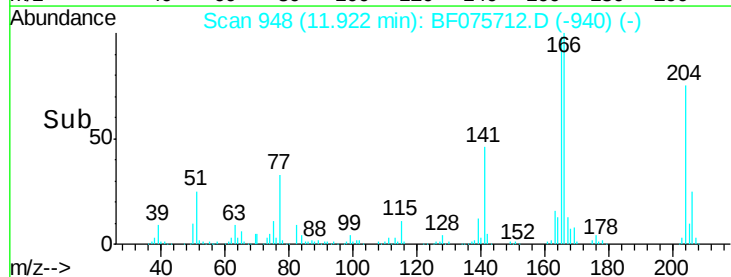
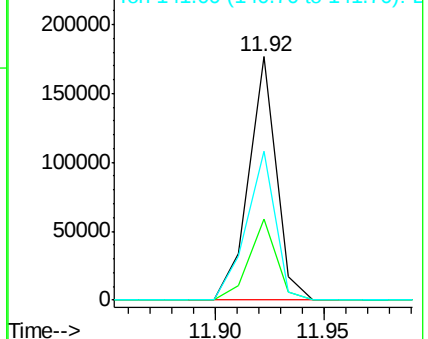
204 100

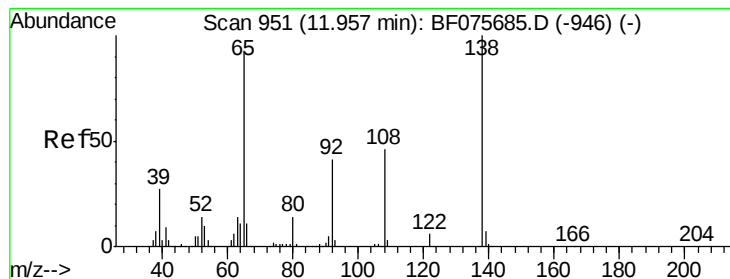
206 33.1 25.1 37.7

141 60.9 58.6 87.8



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: 37.35 ng

RT: 11.94 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

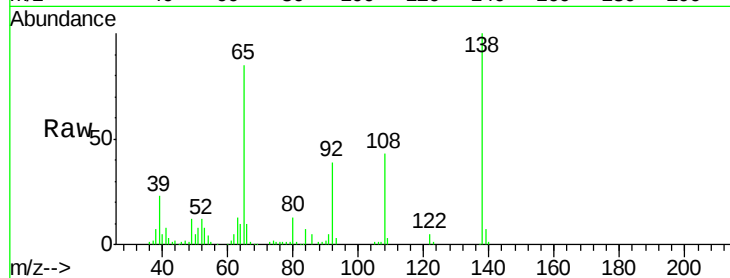
Tot Ion:138 Resp: 103625

Ion Ratio Lower Upper

138 100

92 39.3 34.8 74.8

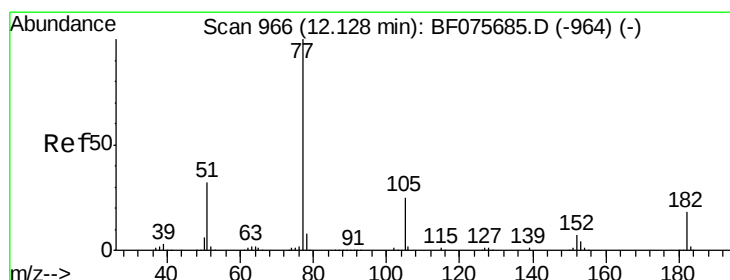
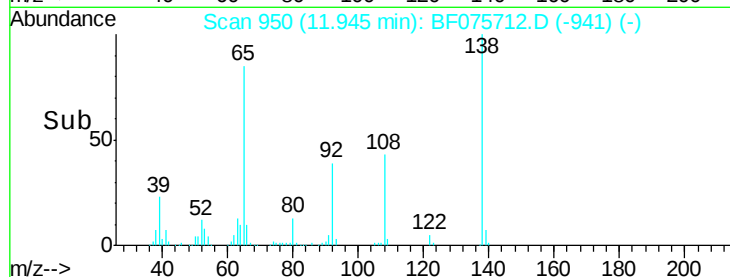
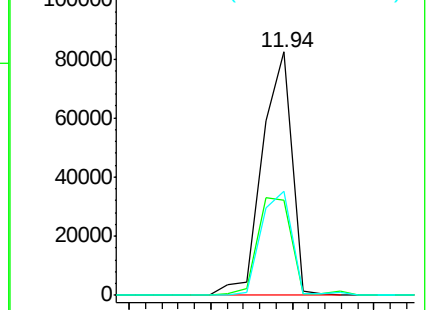
108 42.9 50.6 90.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.98 ng

RT: 12.12 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Tgt Ion: 77 Resp: 382782

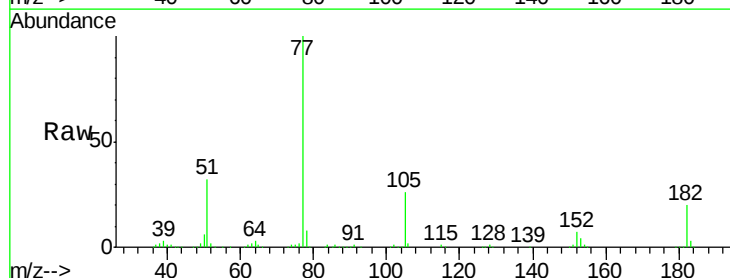
Ion Ratio Lower Upper

77 100

182 19.6 0.0 37.1

105 25.7 3.7 43.7

51 31.8 18.7 58.7

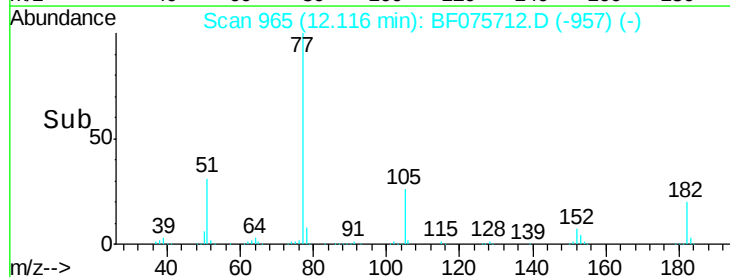
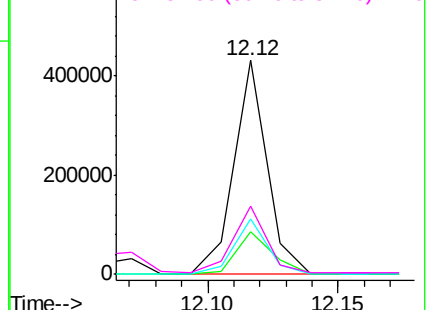


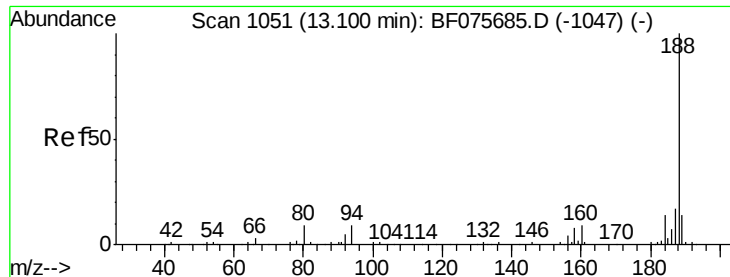
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

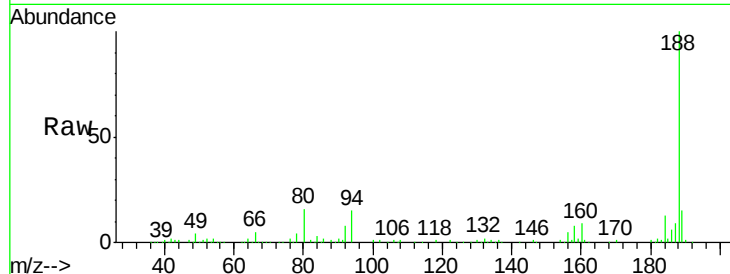




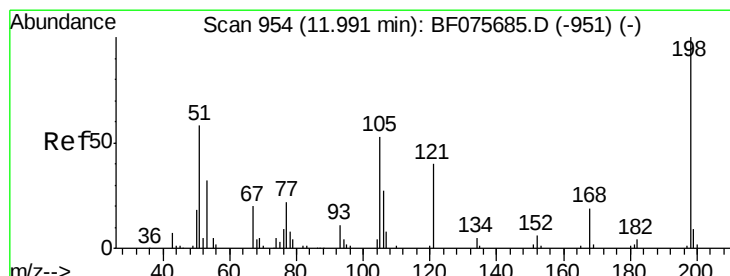
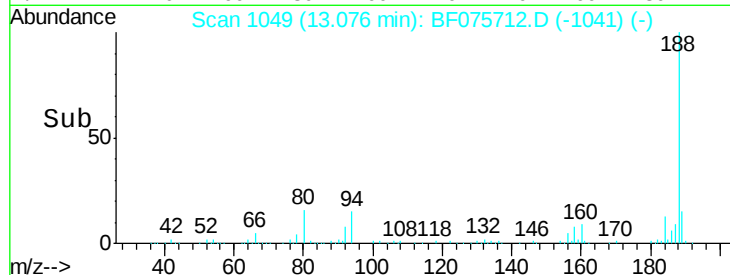
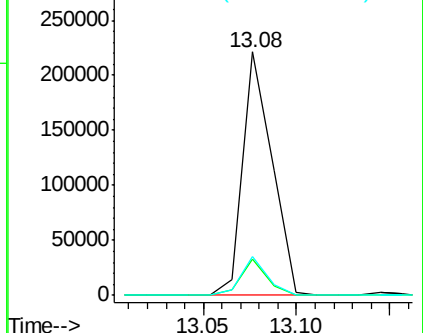
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 13.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 240721
 Ion Ratio Lower Upper
 188 100
 94 14.7 7.8 11.6#
 80 15.9 8.0 12.0#

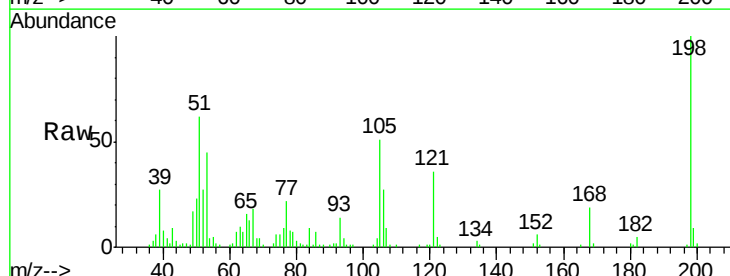


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

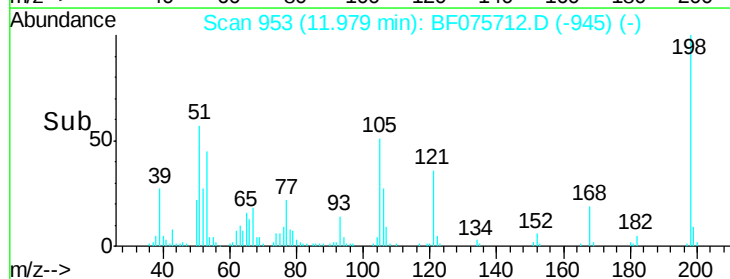
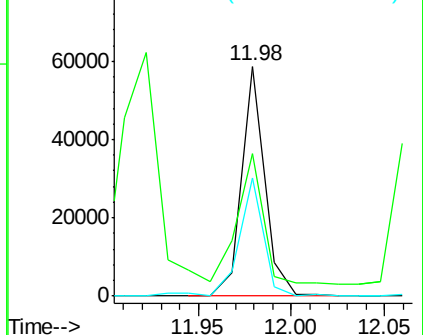


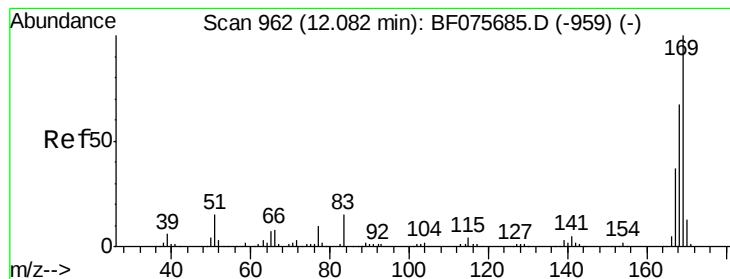
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.99 ng
 RT: 11.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:198 Resp: 51029
 Ion Ratio Lower Upper
 198 100
 51 62.0 26.0 66.0
 105 51.5 24.2 64.2



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

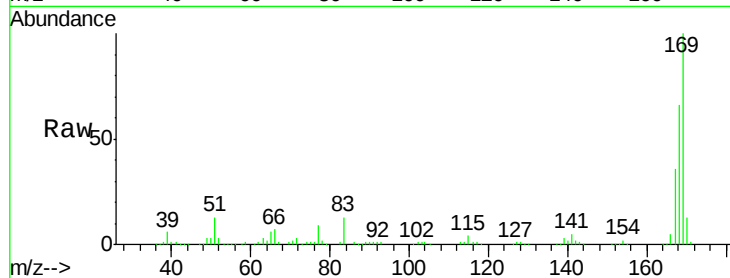




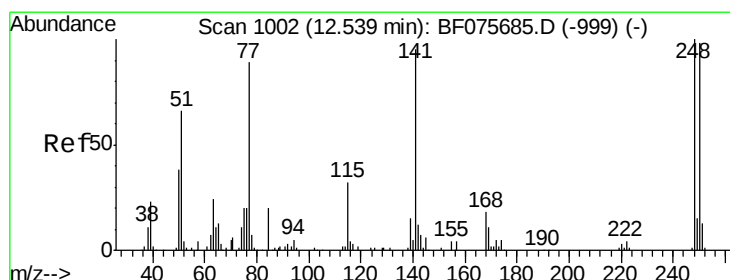
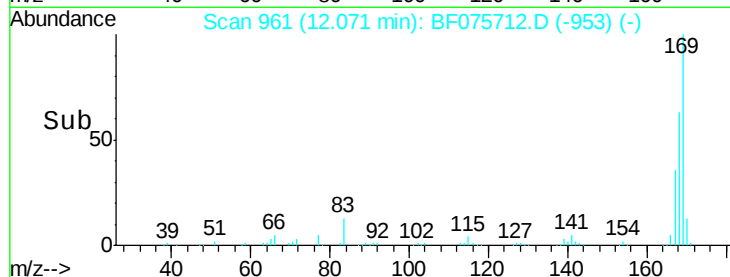
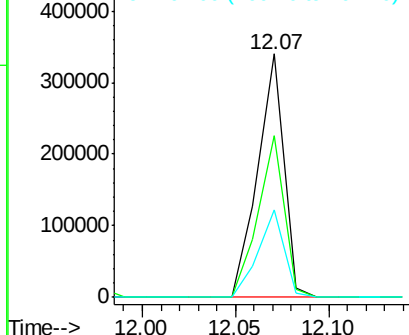
#65
 n-Nitrosodiphenylamine
 Concen: 37.90 ng
 RT: 12.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 330841
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.5 80.3
 167 35.7 29.8 44.6

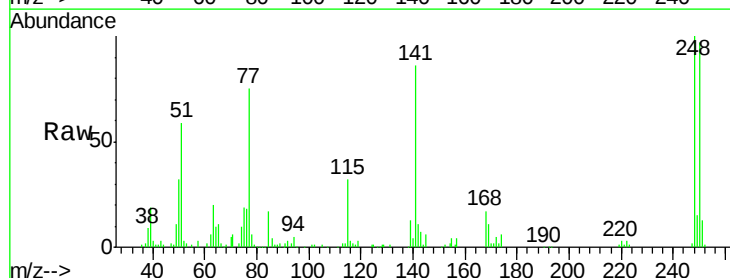


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

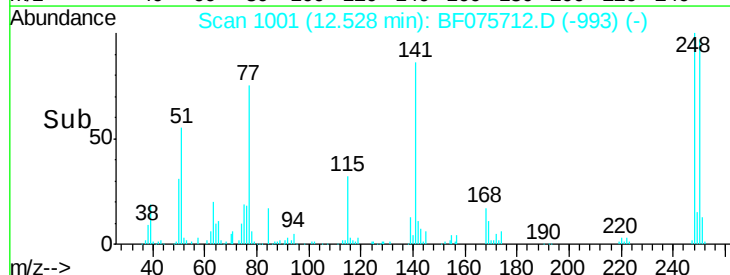
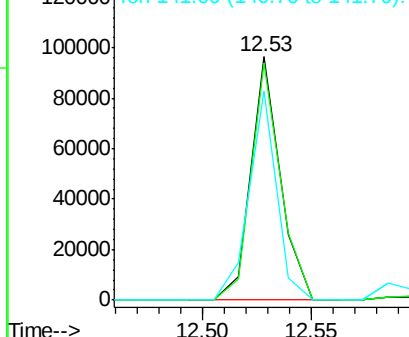


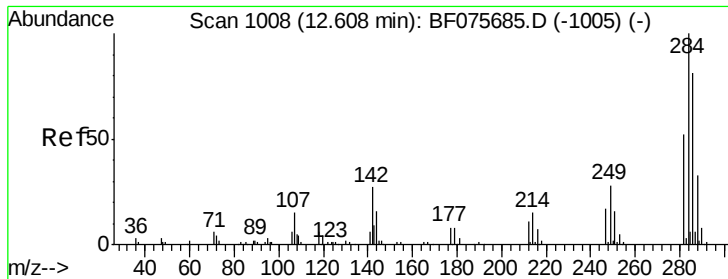
#66
 4-Bromophenyl-phenylether
 Concen: 37.15 ng
 RT: 12.53 min Scan# 1001
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:248 Resp: 90301
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.3 114.5
 141 85.8 44.3 66.5#



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

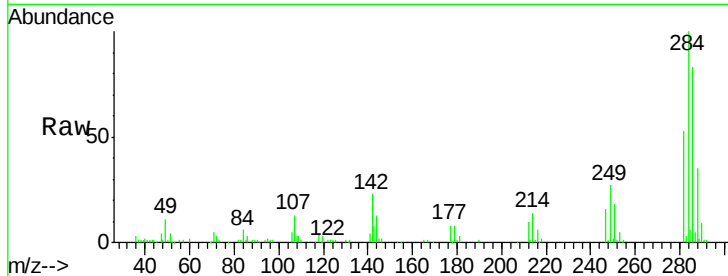




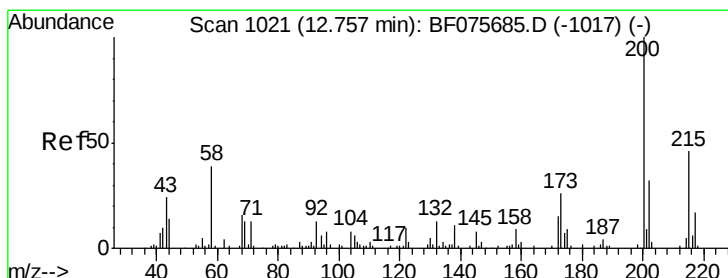
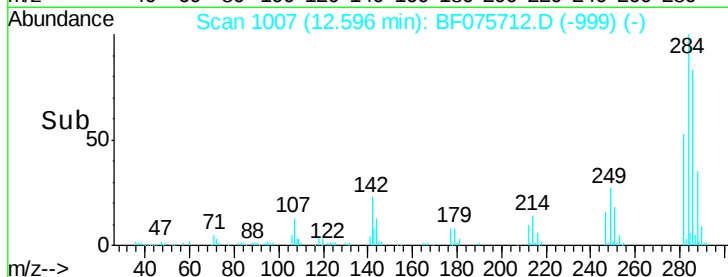
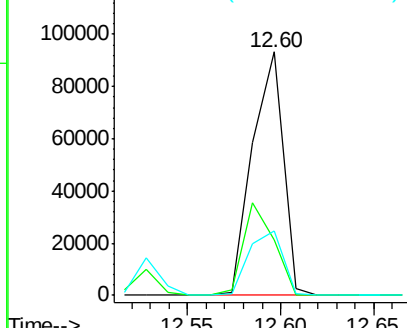
#67
Hexachlorobenzene
Concen: 38.95 ng
RT: 12.60 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 106636
Ion Ratio Lower Upper
284 100
142 22.8 28.7 43.1#
249 26.6 24.1 36.1

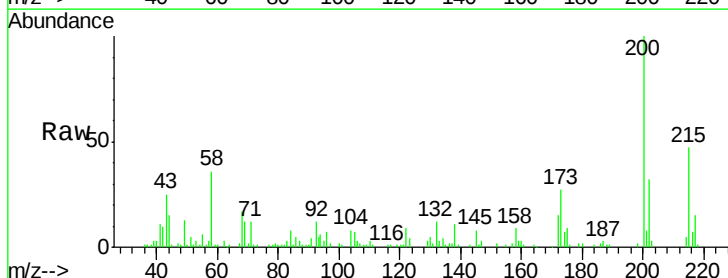


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

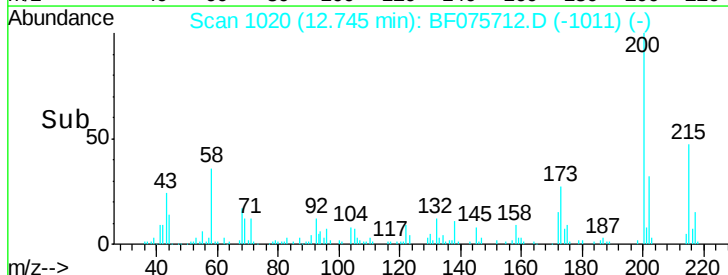
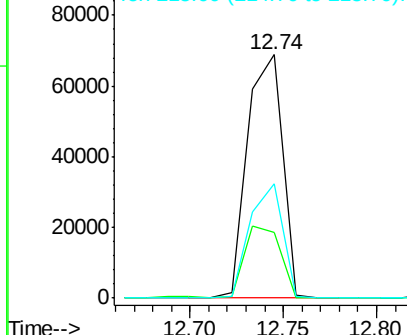


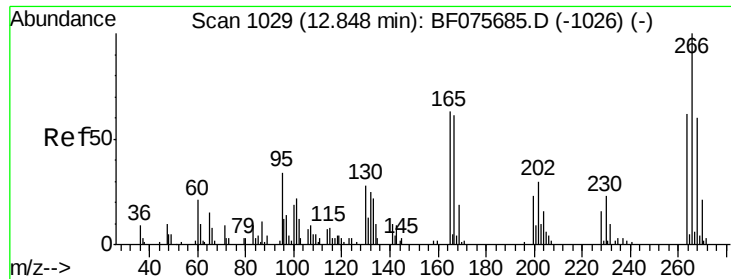
#68
Atrazine
Concen: 36.38 ng
RT: 12.74 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:200 Resp: 89510
Ion Ratio Lower Upper
200 100
173 27.0 12.3 52.3
215 46.9 23.8 63.8



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

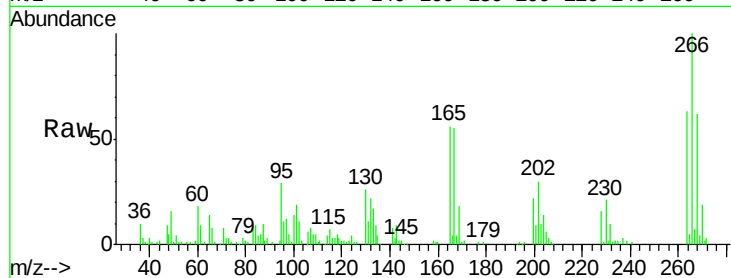




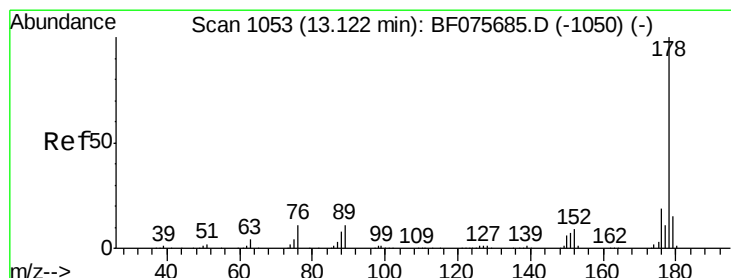
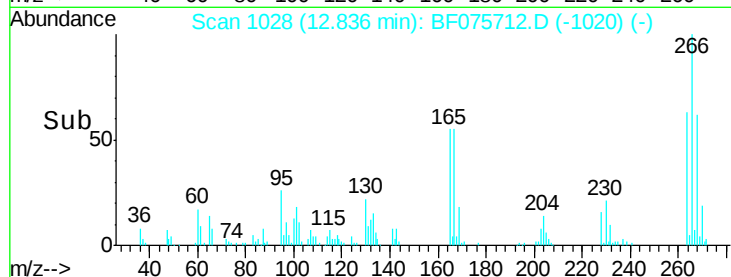
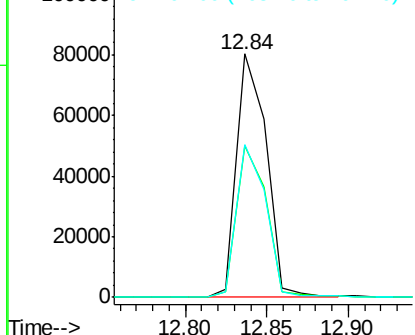
#69
 Pentachlorophenol
 Concen: 68.87 ng
 RT: 12.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 101085
 Ion Ratio Lower Upper
 266 100
 268 62.2 48.6 73.0
 264 62.5 52.1 78.1

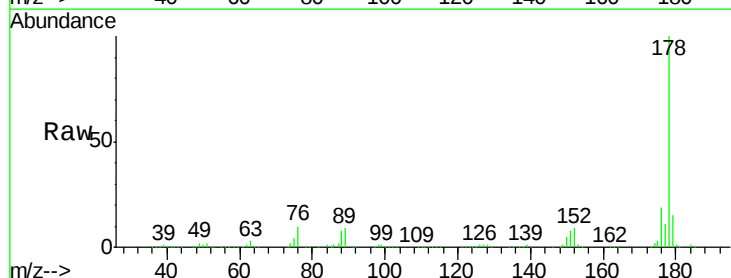


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

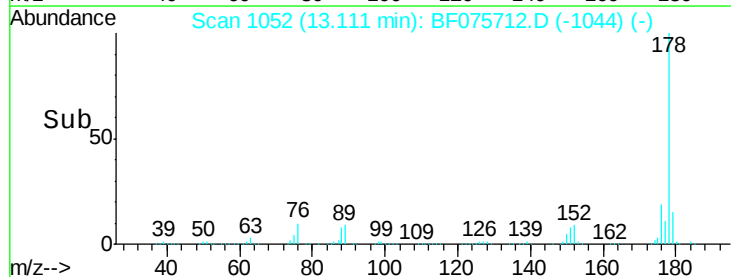
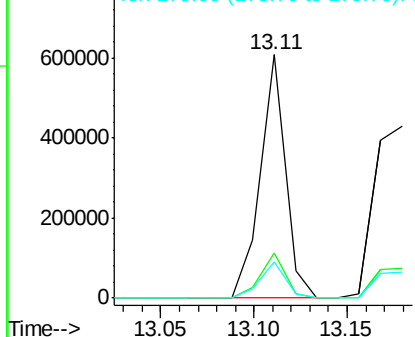


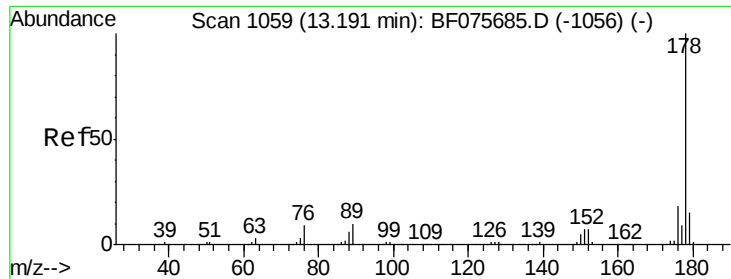
#70
 Phenanthrene
 Concen: 38.54 ng
 RT: 13.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:178 Resp: 564685
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.3 22.9
 179 15.1 12.2 18.4



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

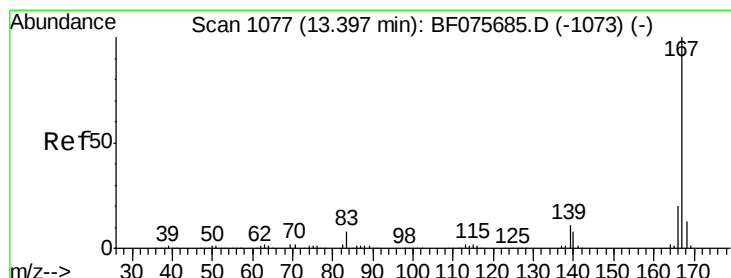
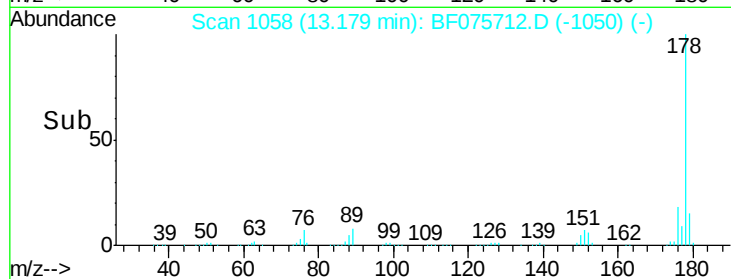
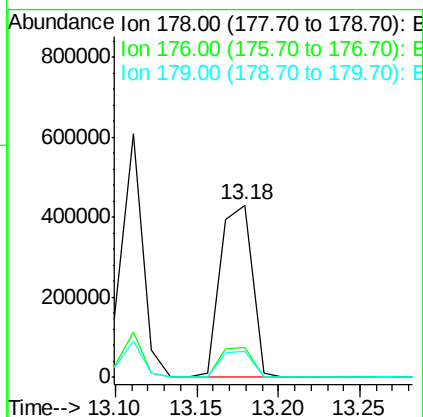
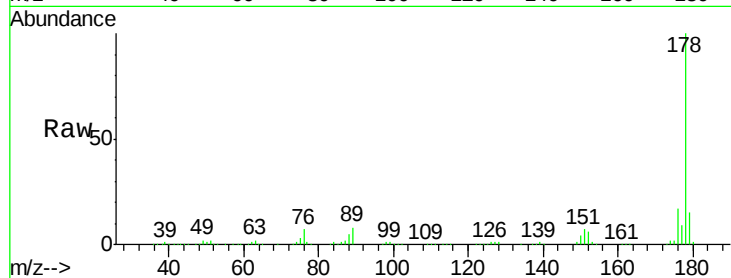




#71
 Anthracene
 Concen: 38.37 ng
 RT: 13.18 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

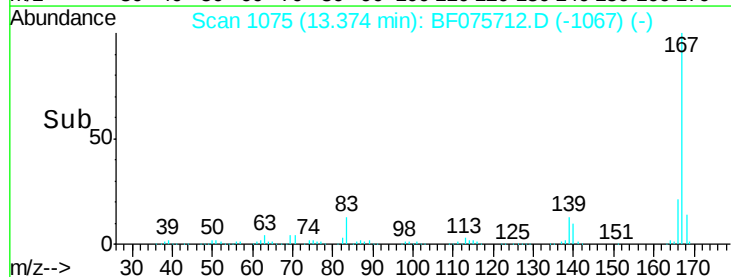
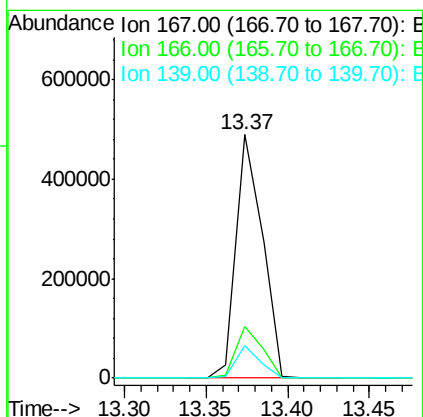
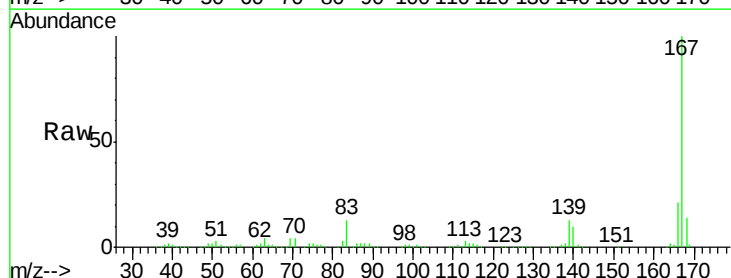
Instrument :
 BNA_F
 ClientSampleId :

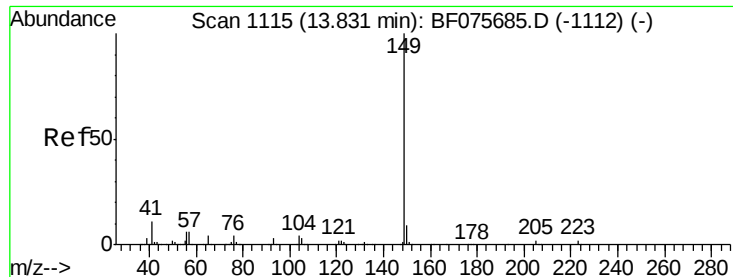
Tot Ion:178 Resp: 582666
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.1 22.7
 179 15.2 12.2 18.2



#72
 Carbazole
 Concen: 36.11 ng
 RT: 13.37 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion:167 Resp: 543931
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.4 10.1 15.1





#73

Di-n-butylphthalate

Concen: 38.26 ng

RT: 13.82 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

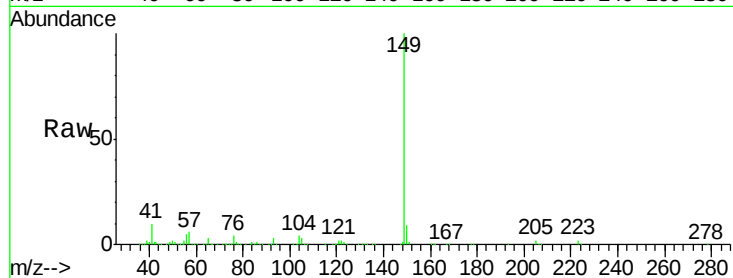
Tot Ion:149 Resp: 640221

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

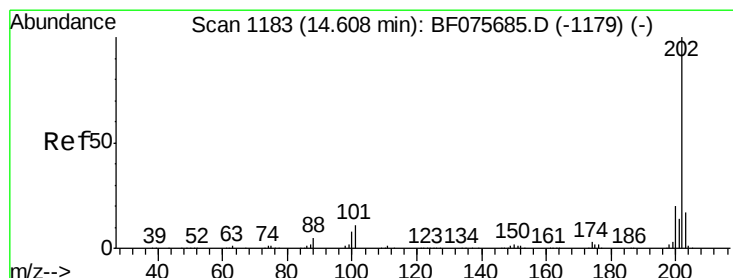
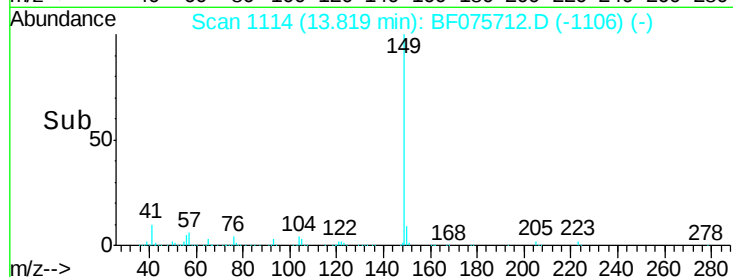
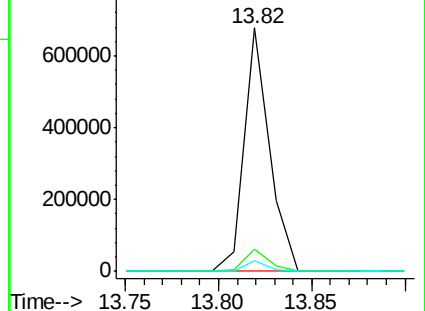
104 4.2 3.1 4.7



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: 39.82 ng

RT: 14.59 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

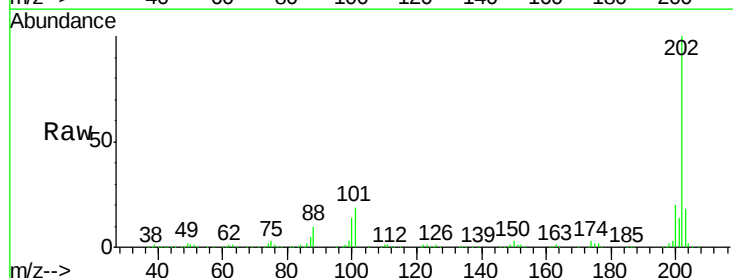
Tgt Ion:202 Resp: 600198

Ion Ratio Lower Upper

202 100

101 19.2 0.0 36.6

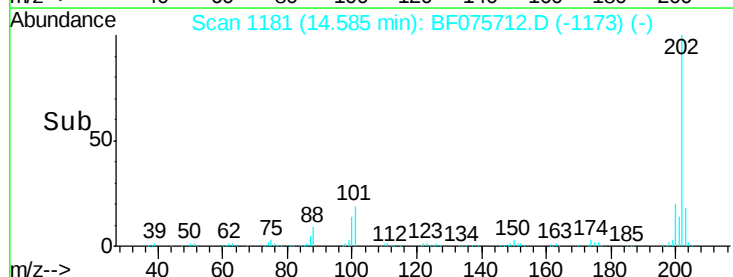
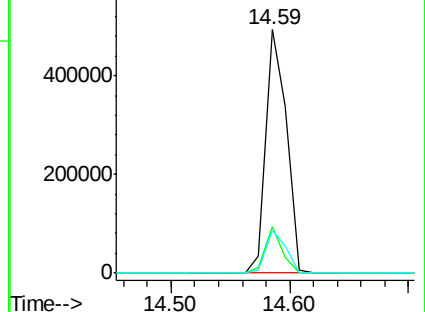
203 17.6 0.0 38.2

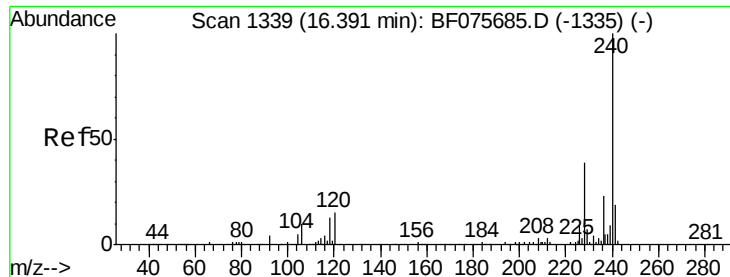


Abundance Ion 202.00 (201.70 to 202.70): E

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: 16.39 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

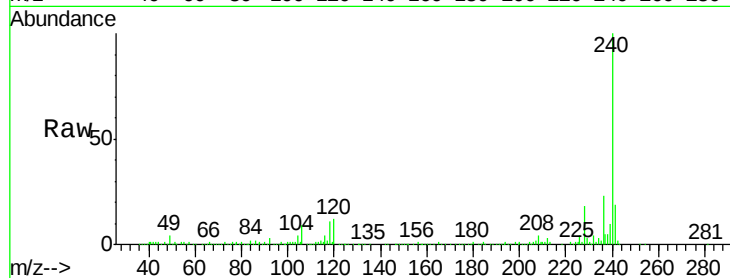
Tot Ion:240 Resp: 251329

Ion Ratio Lower Upper

240 100

120 12.5 9.6 14.4

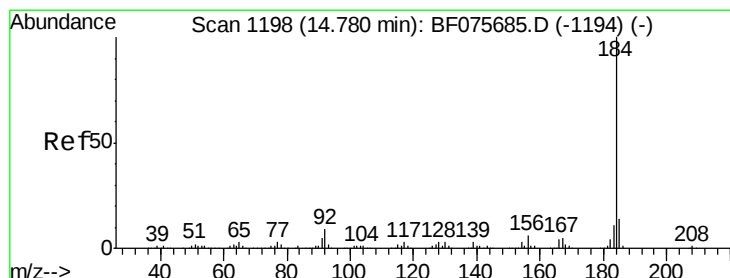
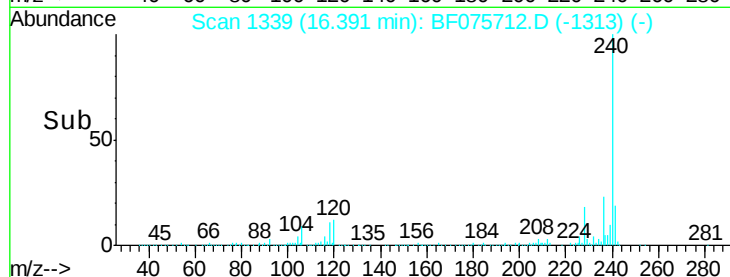
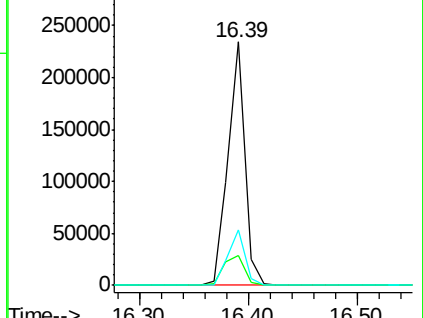
236 23.0 18.9 28.3



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: 23.56 ng

RT: 14.77 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

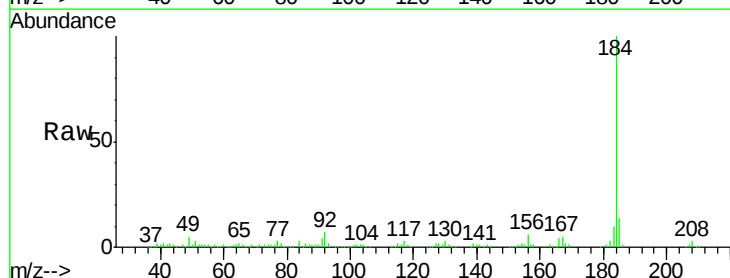
Tgt Ion:184 Resp: 248019

Ion Ratio Lower Upper

184 100

185 14.1 10.9 16.3

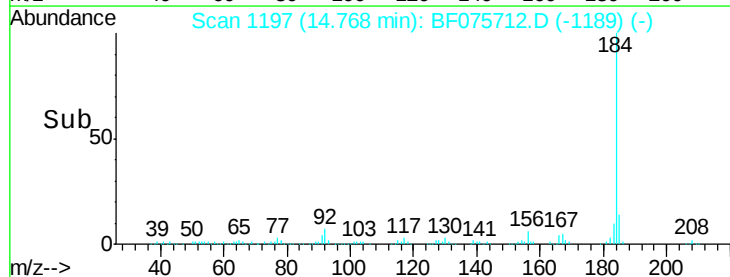
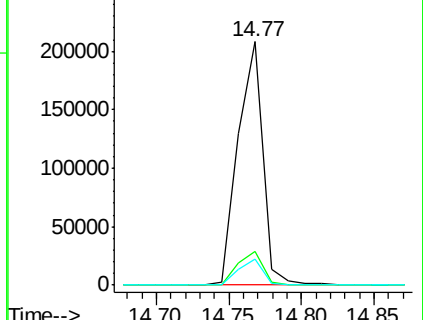
183 10.4 8.7 13.1

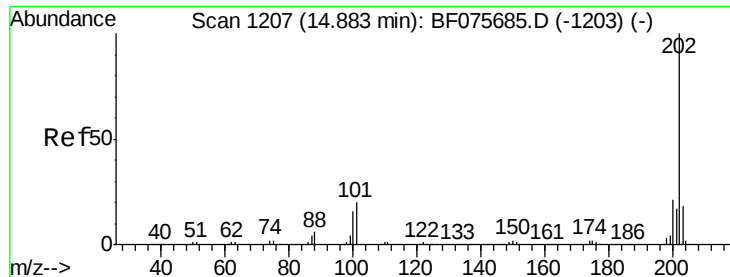


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

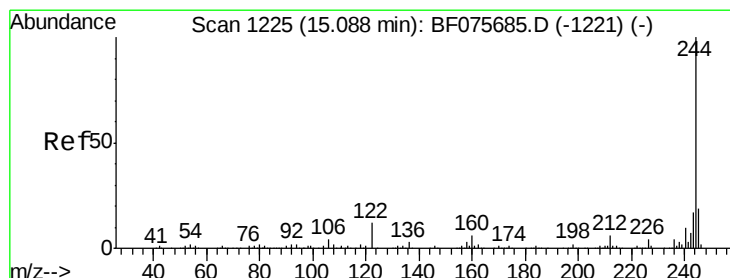
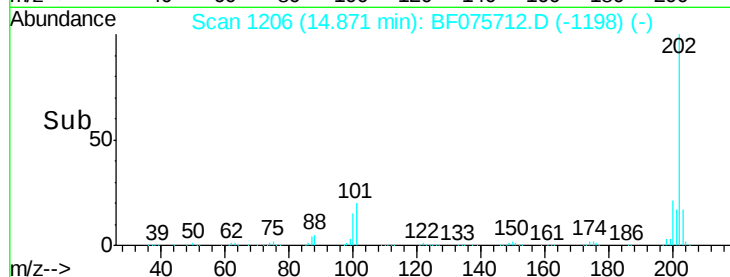
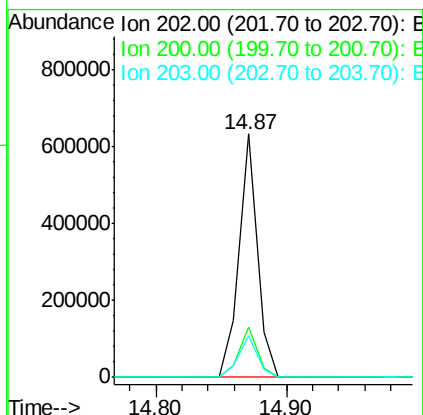
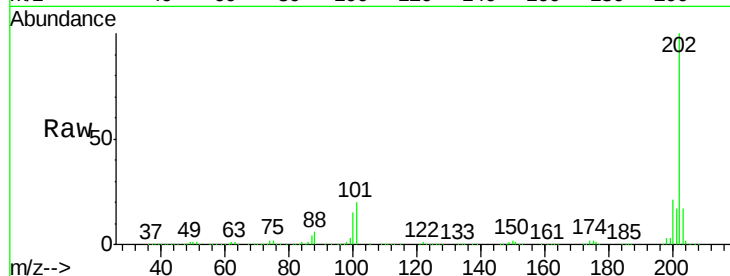




#77
Pvrene
Concen: 36.81 ng
RT: 14.87 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

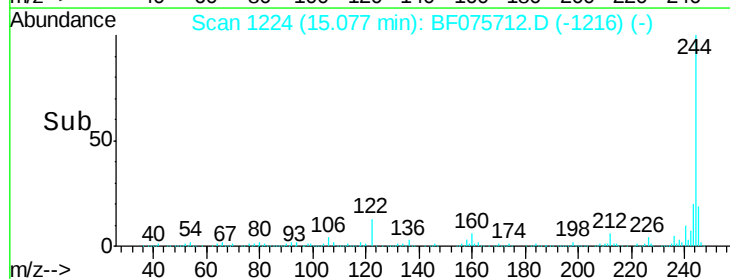
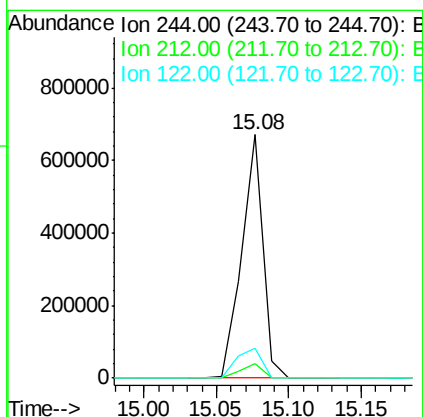
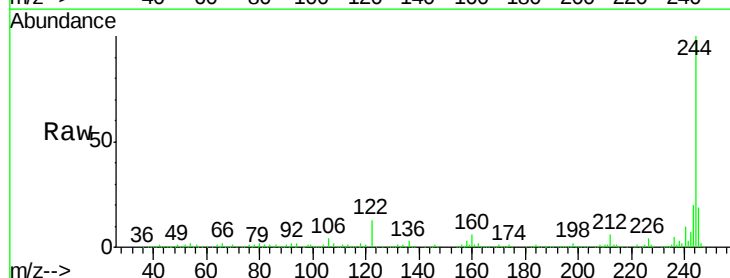
Instrument :
BNA_F
ClientSampleId :

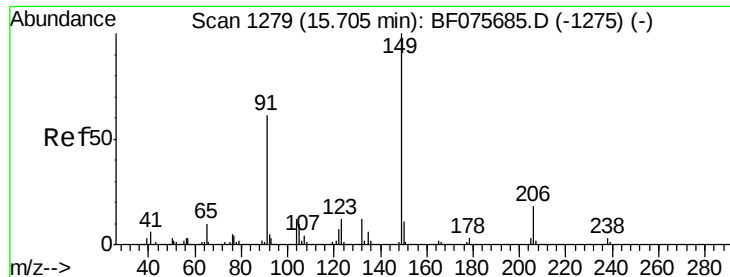
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.8	25.2
203	17.0	14.3	21.5



#78
Terphenyl-d14
Concen: 67.46 ng
RT: 15.08 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	5.5	8.3
122	12.5	9.7	14.5

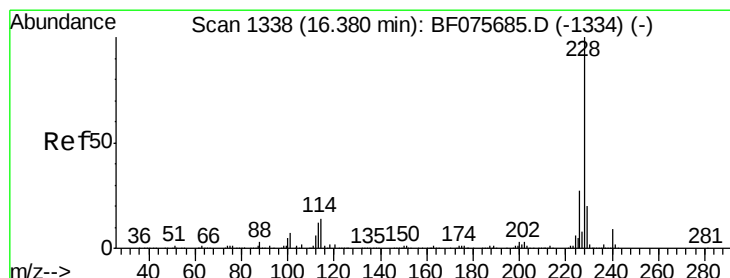
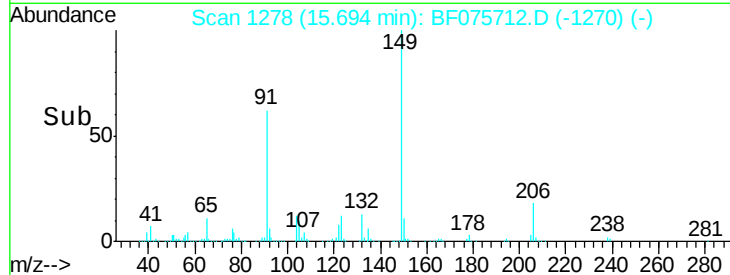
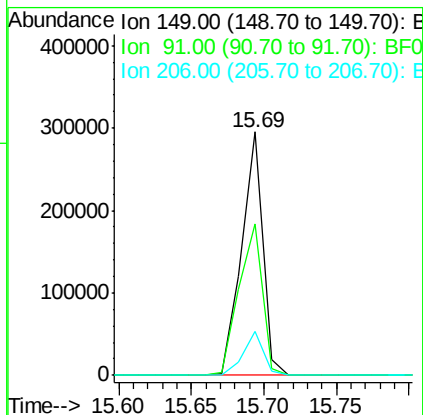
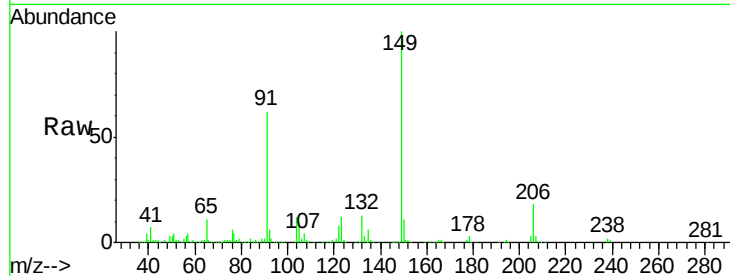




#79
 Butylbenzylphthalate
 Concen: 40.59 ng
 RT: 15.69 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

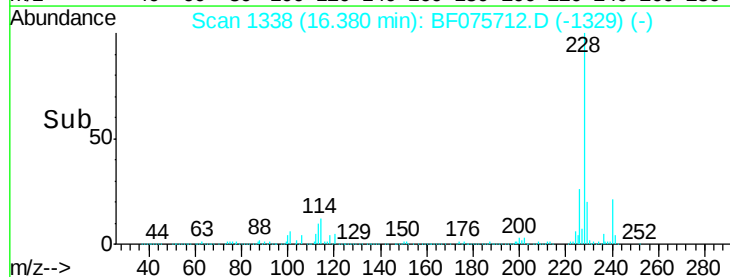
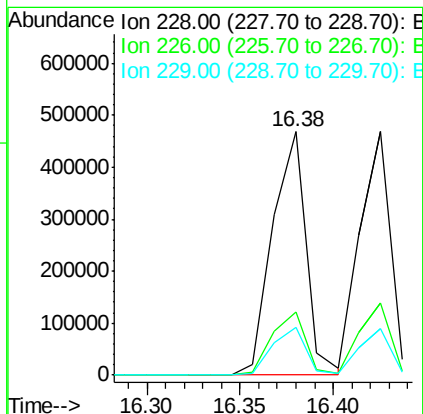
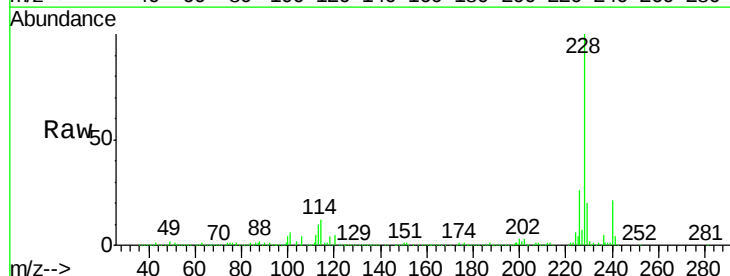
Instrument :
 BNA_F
 ClientSampleId :

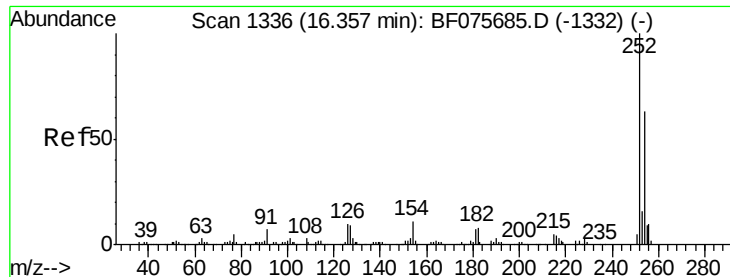
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.0	49.0	73.4
206	18.0	15.5	23.3



#80
 Benzo(a)anthracene
 Concen: 39.91 ng
 RT: 16.38 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.8	32.8
229	19.6	15.3	22.9

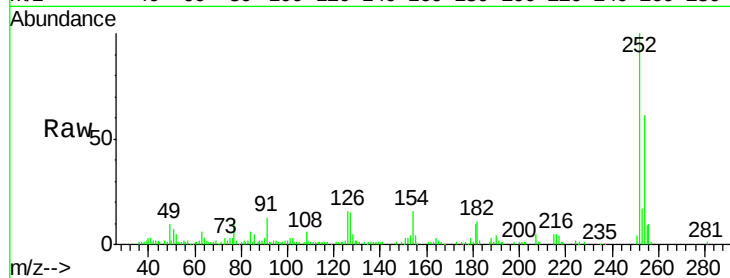




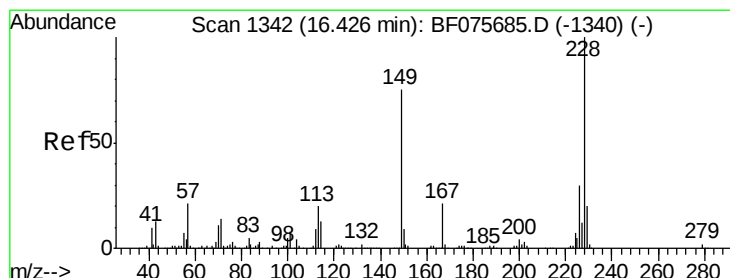
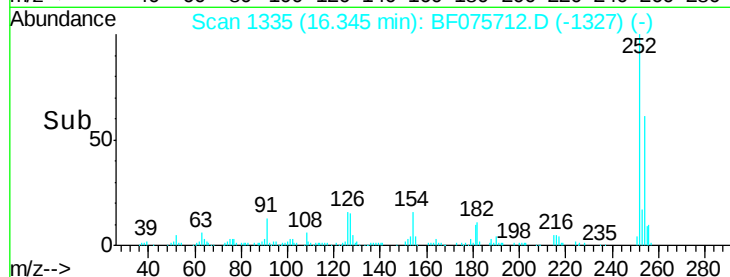
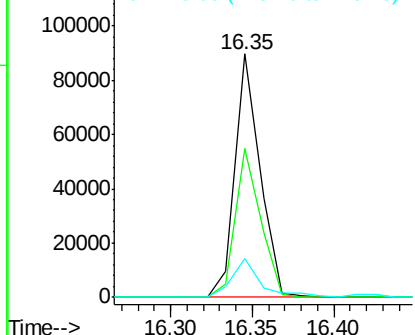
#81
 3,3'-Dichlorobenzidine
 Concen: 18.27 ng
 RT: 16.35 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.3	50.0	75.0
126	15.9	16.0	24.0

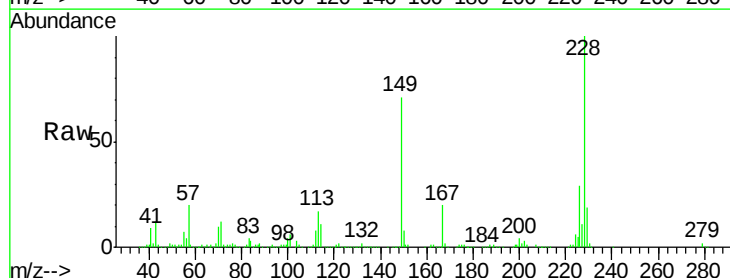


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

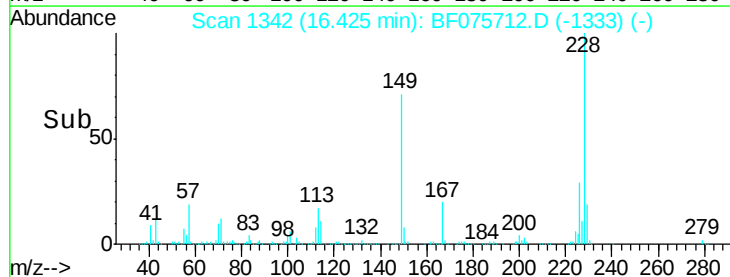
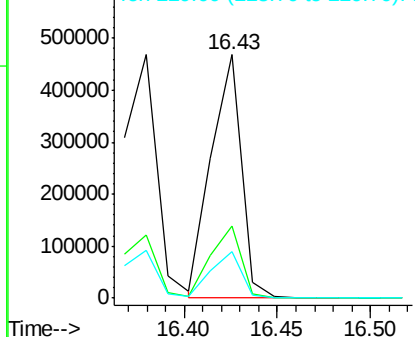


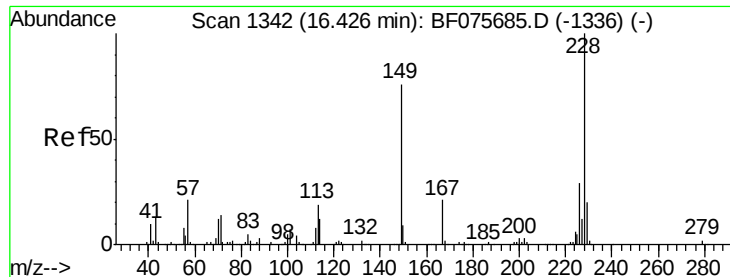
#82
 Chrysene
 Concen: 40.02 ng
 RT: 16.43 min Scan# 1342
 Delta R.T. -0.00 min
 Lab File: BF075712.D
 Acq: 20 Nov 2014 16:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	19.0	15.8	23.6



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

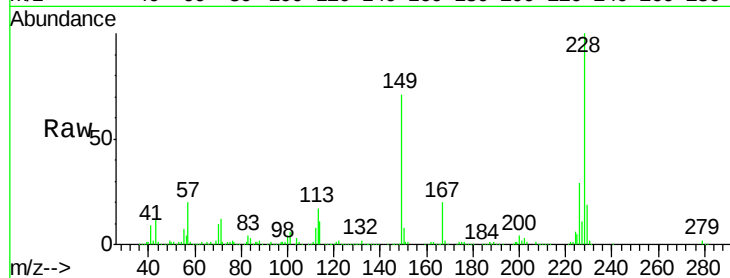




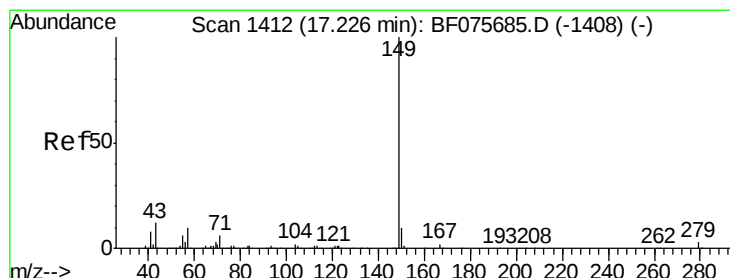
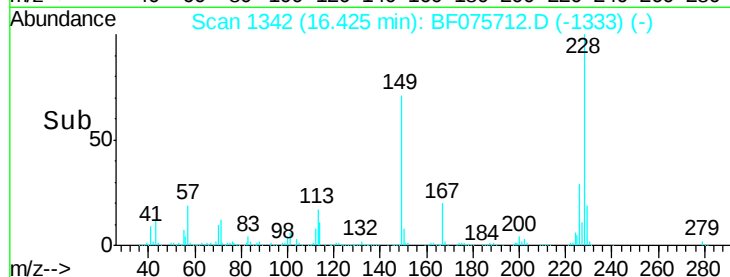
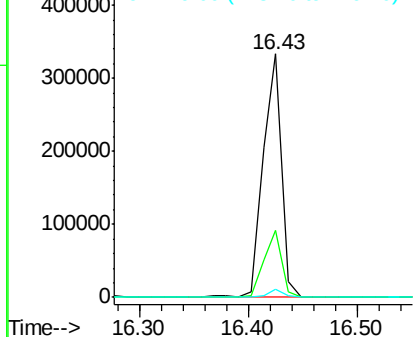
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.90 ng
RT: 16.43 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.2
279	3.2	2.8	4.2

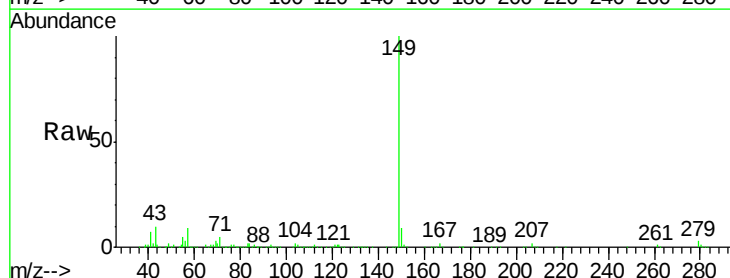


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

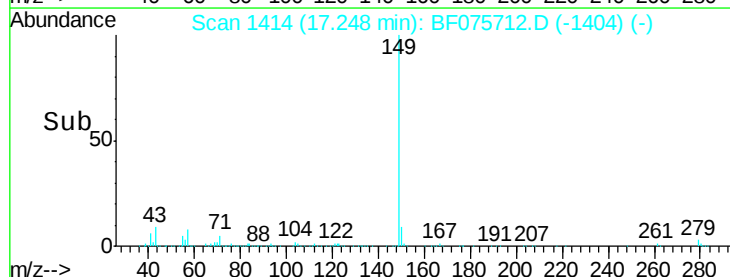
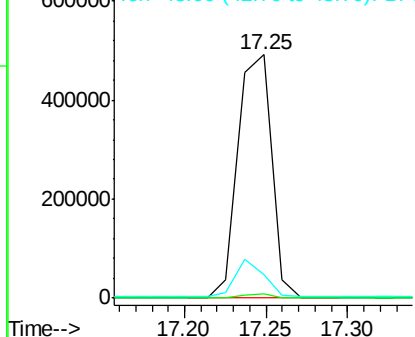


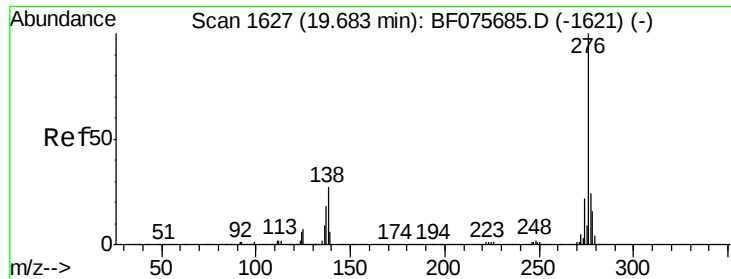
#84
Di-n-octyl phthalate
Concen: 41.32 ng
RT: 17.25 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	12.9	11.0	16.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

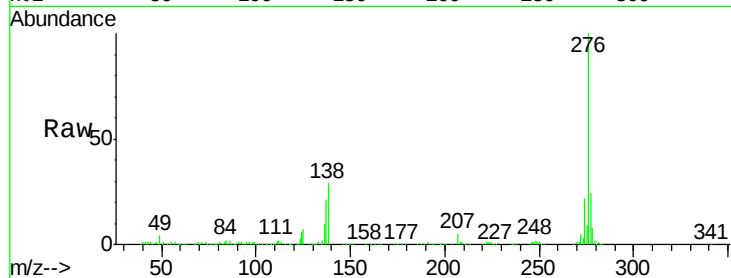




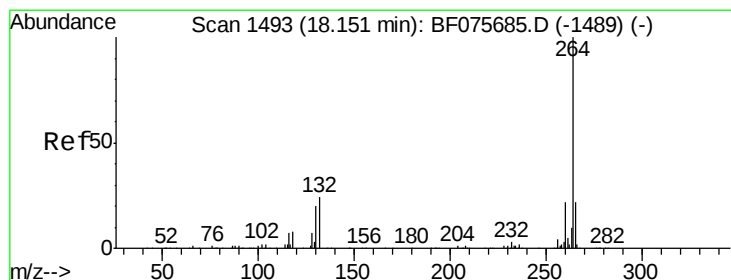
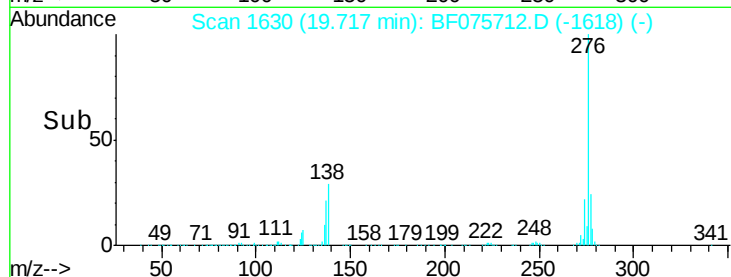
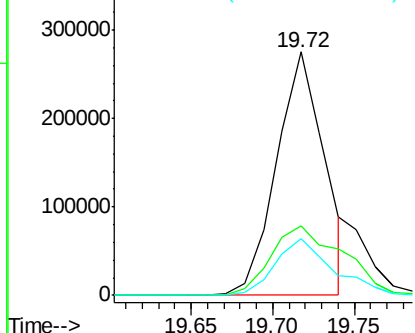
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.25 ng
RT: 19.72 min Scan# 1630
Delta R.T. 0.03 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 564282
Ion Ratio Lower Upper
276 100
138 35.5 0.0 0.0#
277 24.1 0.0 0.0#

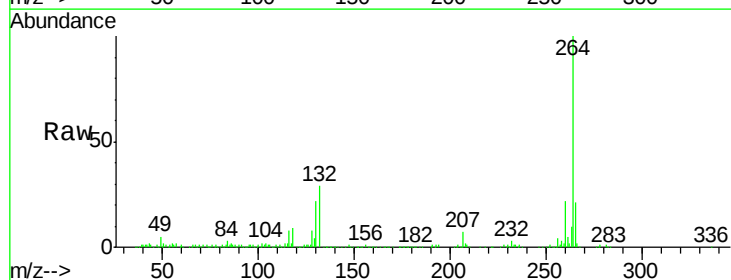


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

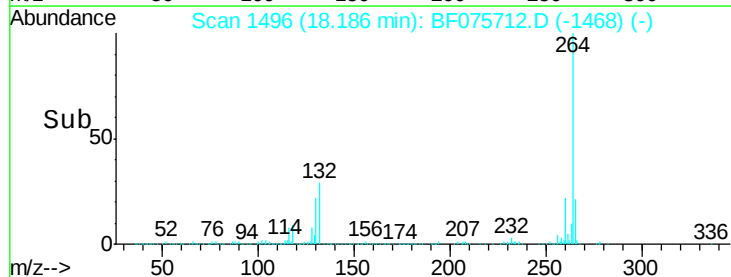
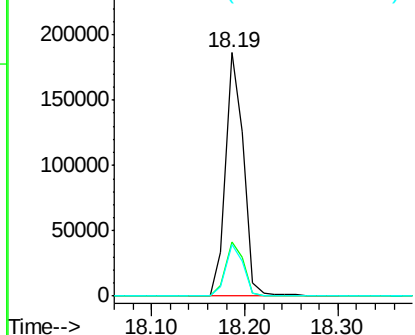


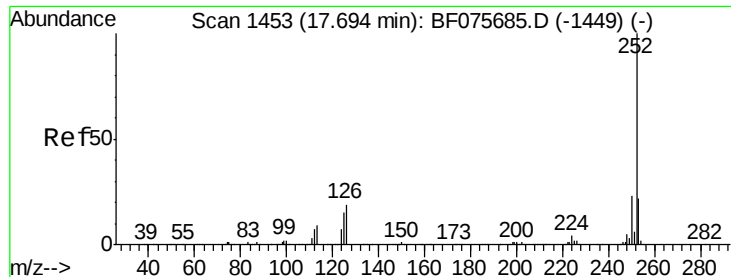
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.19 min Scan# 1496
Delta R.T. 0.02 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:264 Resp: 248750
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 21.4 16.3 24.5



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

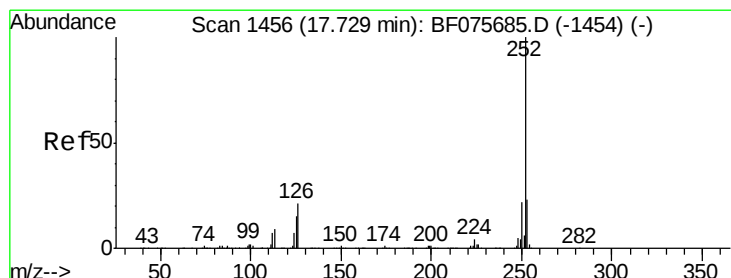
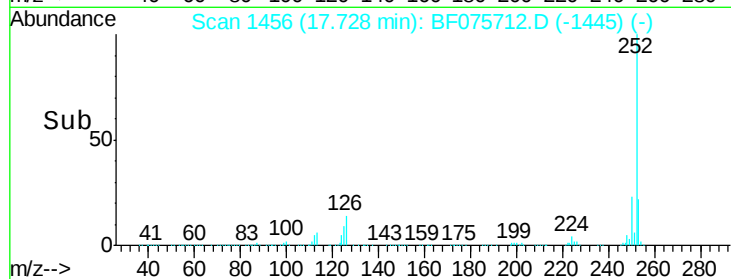
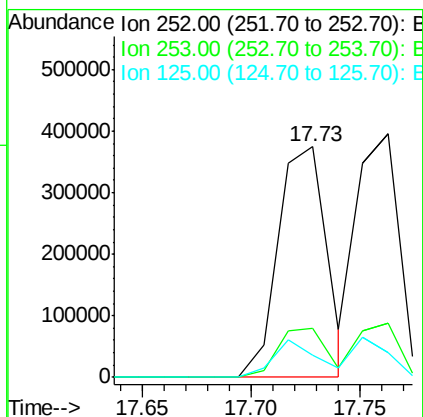
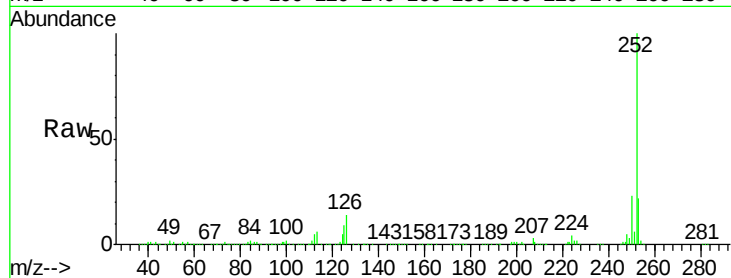




#87
Benzo(b)fluoranthene
Concen: 39.19 ng
RT: 17.73 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

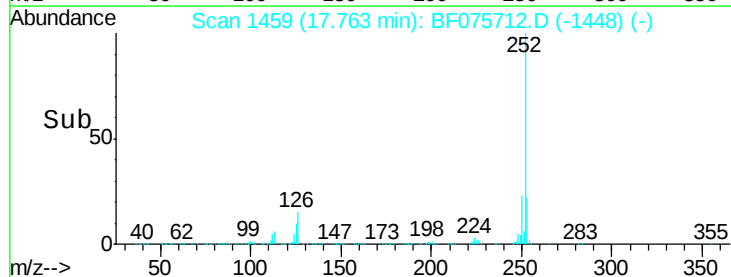
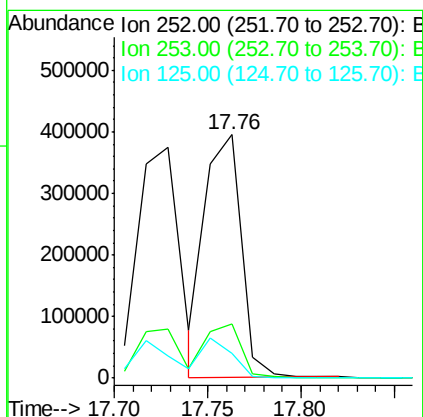
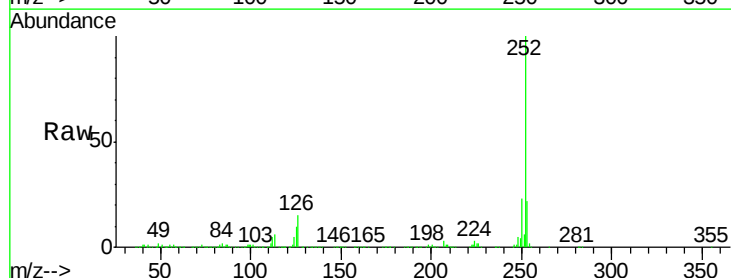
Instrument :
BNA_F
ClientSampleId :

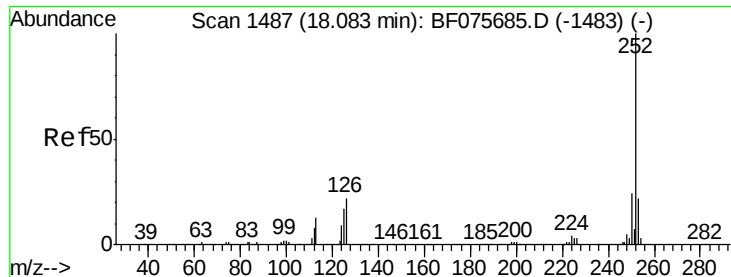
Tot Ion:252 Resp: 585303
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.5 11.8 17.6#



#88
Benzo(k)fluoranthene
Concen: 40.82 ng
RT: 17.76 min Scan# 1459
Delta R.T. 0.02 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:252 Resp: 536844
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.2 11.6 17.4#

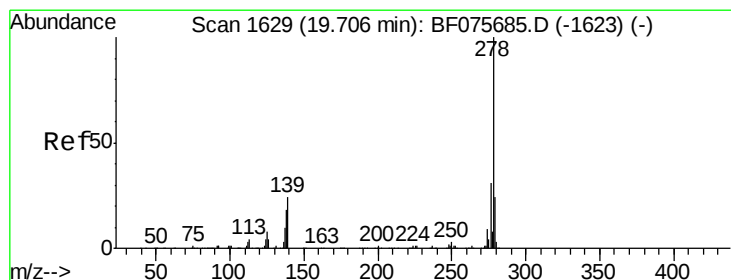
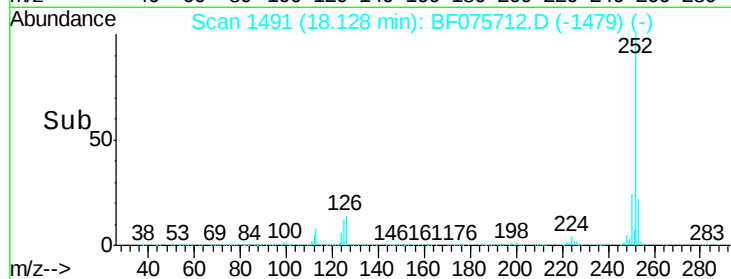
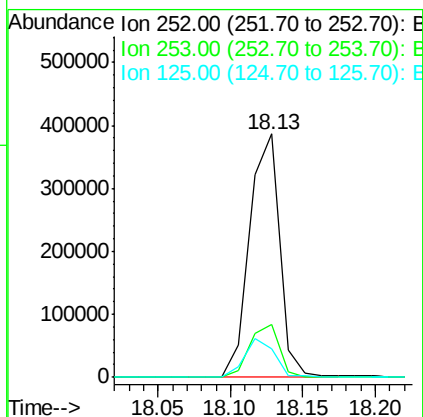
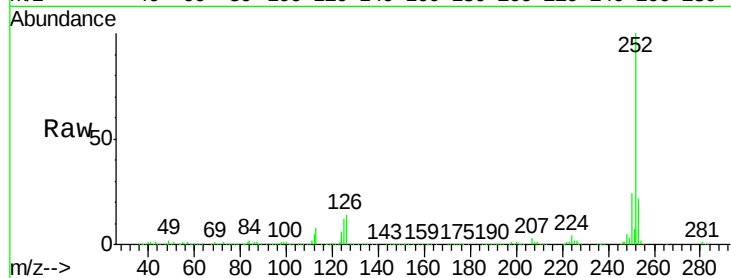




#89
Benzo(a)pyrene
Concen: 41.90 ng
RT: 18.13 min Scan# 1491
Delta R.T. 0.03 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

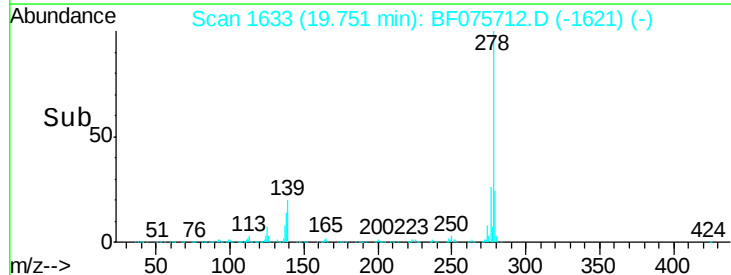
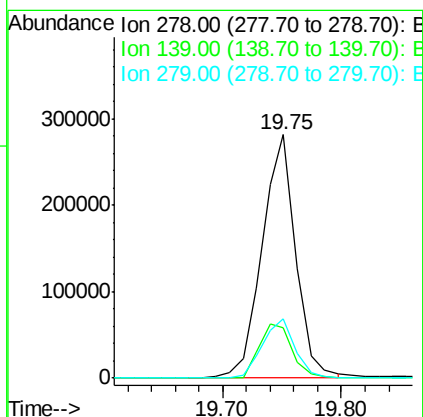
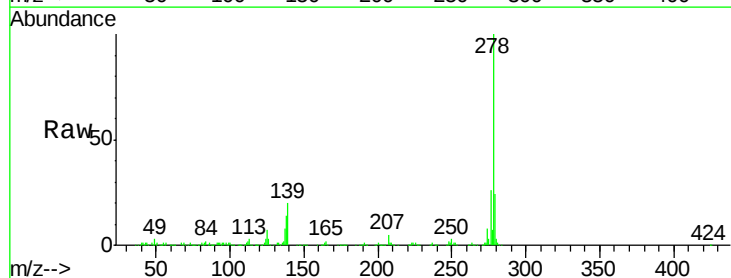
Instrument :
BNA_F
ClientSampleId :

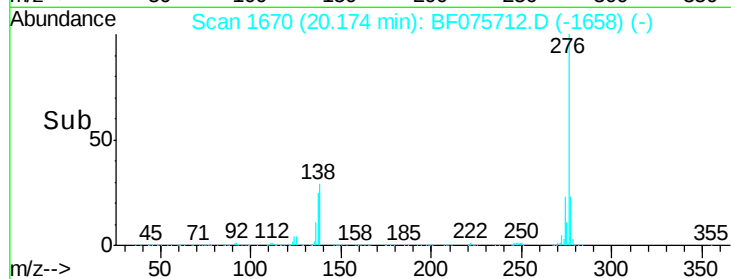
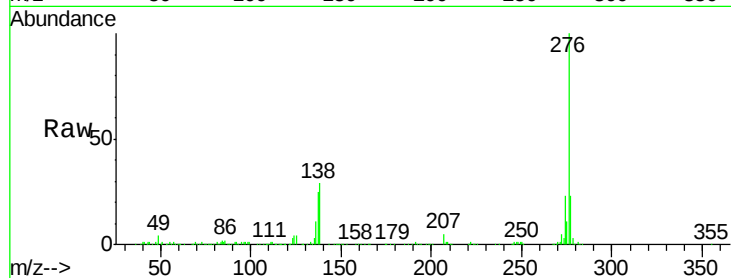
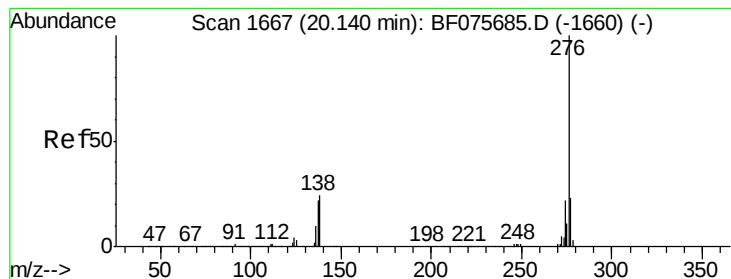
Tot Ion:252 Resp: 560560
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 11.6 12.2 18.4#



#90
Dibenzo(a,h)anthracene
Concen: 41.09 ng
RT: 19.75 min Scan# 1633
Delta R.T. 0.03 min
Lab File: BF075712.D
Acq: 20 Nov 2014 16:32

Tgt Ion:278 Resp: 554904
Ion Ratio Lower Upper
278 100
139 20.4 13.6 20.4#
279 24.2 19.4 29.0





#91

Benzo(a,h,i)perylene

Concen: 41.59 ng

RT: 20.17 min Scan# 1670

Delta R.T. 0.03 min

Lab File: BF075712.D

Acq: 20 Nov 2014 16:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 276 Resp: 566915

Ion Ratio Lower Upper

276 100

277 23.0 17.8 26.8

138 28.7 22.8 34.2

