

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075710.D
 Acq On : 20 Nov 2014 14:21
 Operator : TP / JJ
 Sample : F4797-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:08:50 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	7.49	152	75260	20.00	ng	0.00
21) Naphthalene-d8	9.06	136	303739	20.00	ng	0.00
38) Acenaphthene-d10	11.25	164	148849	20.00	ng	0.00
63) Phenanthrene-d10	13.10	188	240354	20.00	ng	0.01
75) Chrysene-d12	16.39	240	239676	20.00	ng	0.00
86) Perylene-d12	18.14	264	247653	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	646074	133.37	ng	0.00
7) Phenol-d6	7.04	99	751904	127.63	ng	0.00
23) Nitrobenzene-d5	8.18	82	442158	89.35	ng	0.01
41) 2,4,6-Tribromophenol	12.23	330	169659	139.80	ng	0.00
44) 2-Fluorobiphenyl	10.41	172	773567	81.36	ng	0.00
78) Terphenyl-d14	15.09	244	699087	72.96	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.39	88	73004	33.28	ng	# 91
4) n-Nitrosodimethylamine	3.08	42	108022	38.92	ng	84
6) Aniline	7.08	93	186412	21.39	ng	98
8) 2-Chlorophenol	7.21	128	205879	38.00	ng	# 79
9) Benzaldehyde	6.93	77	79671	17.54	ng	90
10) Phenol	7.06	94	273699	36.71	ng	92
11) bis(2-Chloroethyl)ether	7.17	93	202691	38.40	ng	95
12) 1,3-Dichlorobenzene	7.41	146	212731	36.40	ng	94
13) 1,4-Dichlorobenzene	7.51	146	223982	36.61	ng	96
14) 1,2-Dichlorobenzene	7.69	146	217031	37.74	ng	95
15) Benzyl Alcohol	7.67	79	163887	38.89	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.84	45	414138	40.19	ng	98
17) 2-Methylphenol	7.81	107	169877	37.11	ng	96
18) Hexachloroethane	8.12	117	75730	37.20	ng	# 75
19) n-Nitroso-di-n-propylamine	8.00	70	147067	38.49	ng	89
20) 3+4-Methylphenols	8.00	107	221283	37.31	ng	# 72
22) Acetophenone	7.99	105	263207	35.88	ng	# 89
24) Nitrobenzene	8.21	77	221076	38.60	ng	89
25) Isophorone	8.50	82	411095	39.26	ng	96
26) 2-Nitrophenol	8.60	139	108806	40.56	ng	# 80
27) 2,4-Dimethylphenol	8.65	122	183807	39.24	ng	100
28) bis(2-Chloroethoxy)methane	8.78	93	274465	42.87	ng	98
29) 2,4-Dichlorophenol	8.89	162	163971	39.53	ng	98
30) 1,2,4-Trichlorobenzene	9.00	180	164563	38.17	ng	96
31) Naphthalene	9.10	128	618331	39.87	ng	99
32) Benzoic acid	8.74	122	86691	32.58	ng	96
33) 4-Chloroaniline	9.17	127	131515	19.77	ng	96
34) Hexachlorobutadiene	9.25	225	83473	39.44	ng	98
35) Caprolactam	9.58	113	48668	35.34	ng	94
36) 4-Chloro-3-methylphenol	9.77	107	165738	37.24	ng	# 83
37) 2-Methylnaphthalene	9.96	142	411417	39.85	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	10.16	216	130945	38.16	ng	97
40) Hexachlorocyclopentadiene	10.14	237	109771	66.41	ng	100
42) 2,4,6-Trichlorophenol	10.30	196	101107	38.81	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.34	196	111287	39.49	nq	# 85
45) 1,1'-Biphenyl	10.54	154	396580	35.51	nq	98
46) 2-Chloronaphthalene	10.56	162	383434	42.46	nq	# 91
47) 2-Nitroaniline	10.69	65	123536	42.10	nq	# 66
48) Acenaphthylene	11.08	152	622381	42.24	nq	99
49) Dimethylphthalate	10.92	163	436565	40.17	nq	99
50) 2,6-Dinitrotoluene	11.00	165	94468	42.60	nq	# 67
51) Acenaphthene	11.28	154	347087	40.85	nq	98
52) 3-Nitroaniline	11.19	138	85741	29.20	nq	# 96
53) 2,4-Dinitrophenol	11.33	184	67706	65.65	nq	# 67
54) Dibenzofuran	11.50	168	485419	39.06	nq	96
55) 4-Nitrophenol	11.41	139	180245	82.23	nq	81
56) 2,4-Dinitrotoluene	11.49	165	117684	40.65	nq	# 68
57) Fluorene	11.93	166	408643	40.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.65	232	85488	41.91	nq	# 94
59) Diethylphthalate	11.80	149	394958	38.51	nq	99
60) 4-Chlorophenyl-phenylether	11.93	204	164417	41.04	nq	93
61) 4-Nitroaniline	11.96	138	104494	37.31	nq	# 74
62) Azobenzene	12.13	77	419825	41.27	nq	94
64) 4,6-Dinitro-2-methylphenol	11.99	198	45147	33.17	nq	# 72
65) n-Nitrosodiphenylamine	12.08	169	339665	38.97	nq	99
66) 4-Bromophenyl-phenylether	12.54	248	95854	39.50	nq	# 82
67) Hexachlorobenzene	12.61	284	111313	40.82	nq	# 91
68) Atrazine	12.76	200	90517	36.85	nq	93
69) Pentachlorophenol	12.86	266	104634	71.22	nq	97
70) Phenanthrene	13.12	178	596906	40.80	nq	100
71) Anthracene	13.19	178	615431	40.59	nq	100
72) Carbazole	13.40	167	583314	38.79	nq	98
73) Di-n-butylphthalate	13.83	149	628401	37.61	nq	# 98
74) Fluoranthene	14.61	202	613767	40.78	nq	93
76) Benzidine	14.78	184	205744	20.21	nq	98
77) Pyrene	14.88	202	644186	39.99	nq	99
79) Butylbenzylphthalate	15.71	149	289068	40.93	nq	97
80) Benzo(a)anthracene	16.38	228	577284	41.33	nq	99
81) 3,3'-Dichlorobenzidine	16.35	252	150614	30.50	nq	99
82) Chrysene	16.43	228	524279	41.67	nq	99
83) Bis(2-ethylhexyl)phthalate	16.41	149	380583	40.40	nq	# 98
84) Di-n-octyl phthalate	17.21	149	683213	42.15	nq	97
85) Indeno(1,2,3-cd)pyrene	19.66	276	605120	41.88	nq	# 100
87) Benzo(b)fluoranthene	17.68	252	559004	37.60	nq	# 96
88) Benzo(k)fluoranthene	17.68	252	558963	42.69	nq	# 96
89) Benzo(a)pyrene	18.07	252	544257	40.86	nq	97
90) Dibenzo(a,h)anthracene	19.69	278	531886	39.56	nq	97
91) Benzo(g,h,i)perylene	20.12	276	519059	38.25	nq	98

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

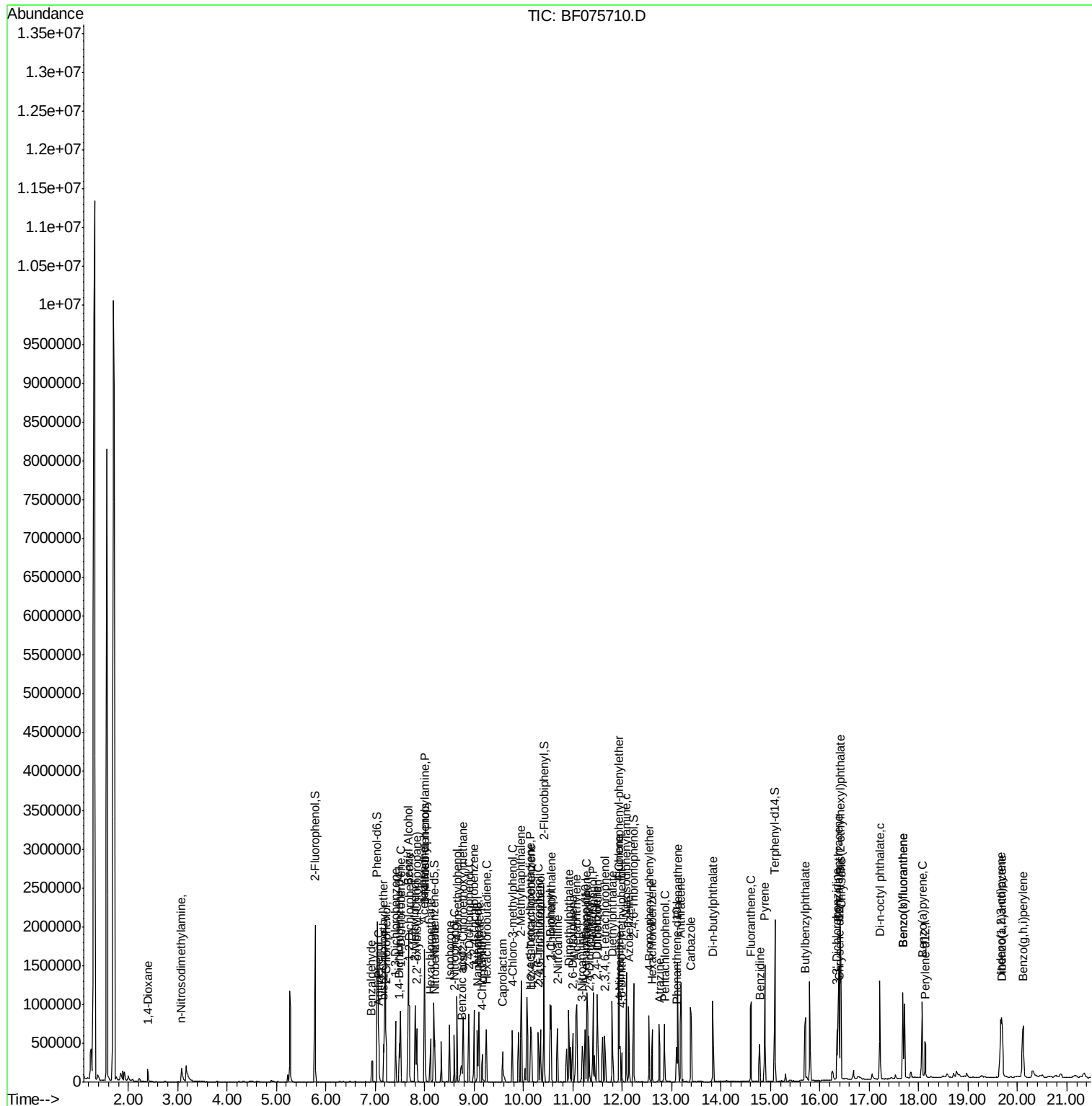
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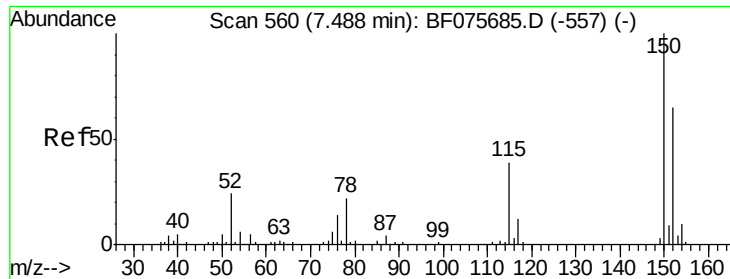
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
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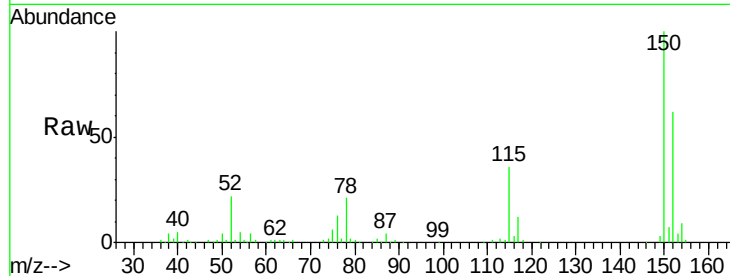


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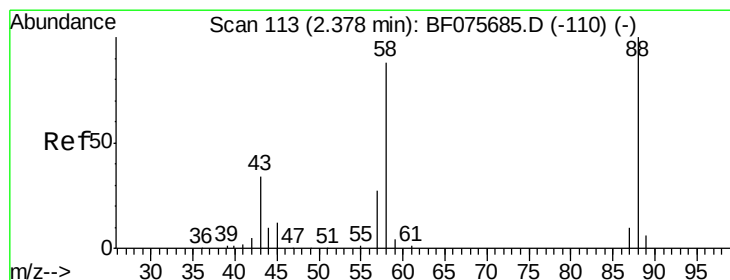
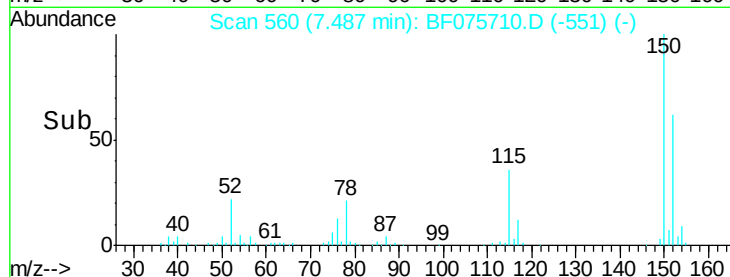
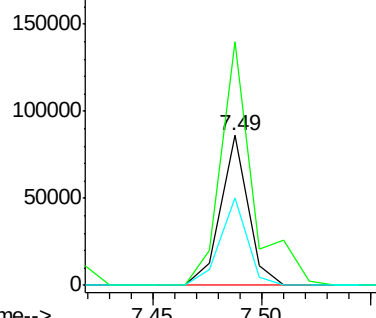
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75260
Ion Ratio Lower Upper
152 100
150 162.5 127.2 190.8
115 58.7 57.1 85.7



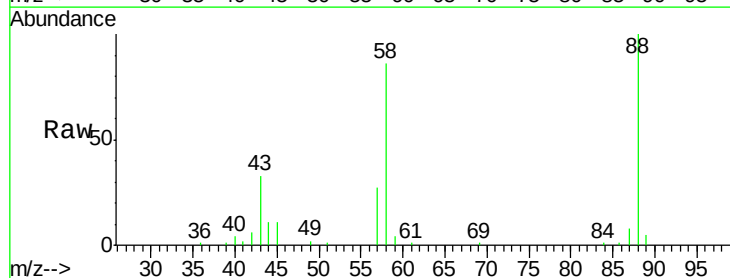
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



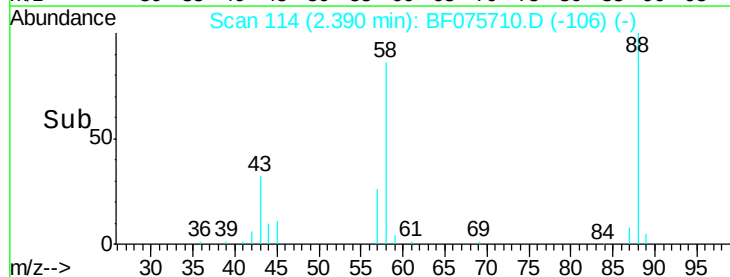
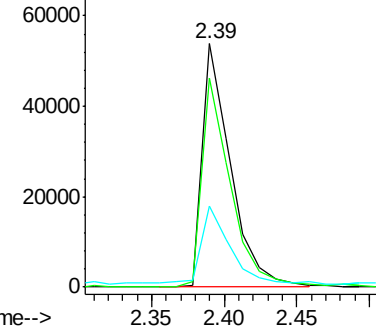
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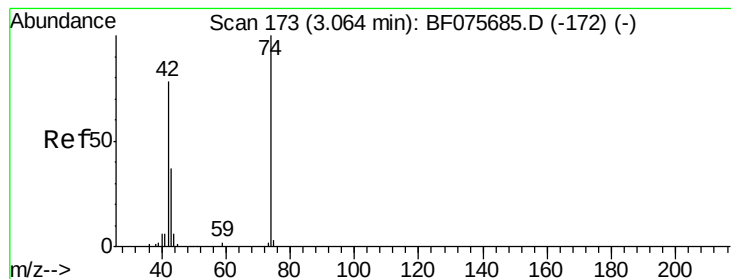
1,4-Dioxane
Concen: 33.28 ng
RT: 2.39 min Scan# 114
Delta R.T. -0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion: 88 Resp: 73004
Ion Ratio Lower Upper
88 100
58 86.4 73.5 110.3
43 30.6 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



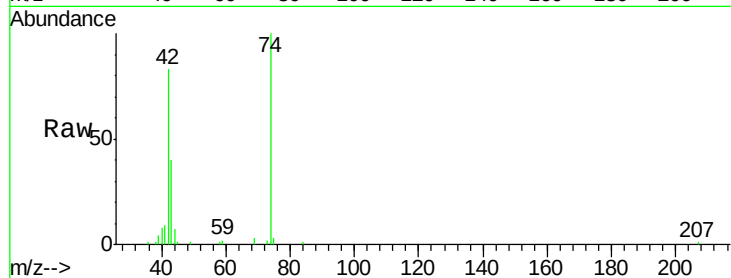


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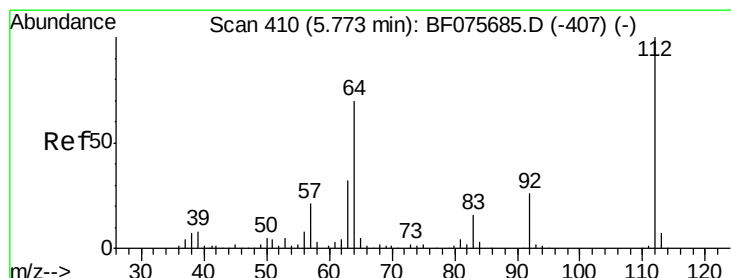
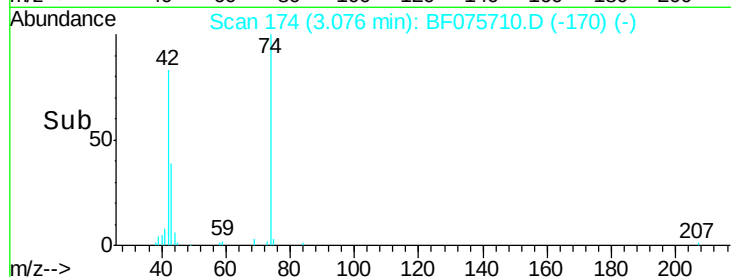
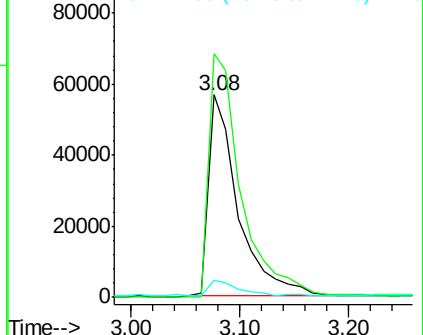
n-Nitrosodimethylamine
Concen: 38.92 ng
RT: 3.08 min Scan# 174
Delta R.T. -0.06 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 42 Resp: 108022
Ion Ratio Lower Upper
42 100
74 120.3 82.4 123.6
44 8.6 8.2 12.4



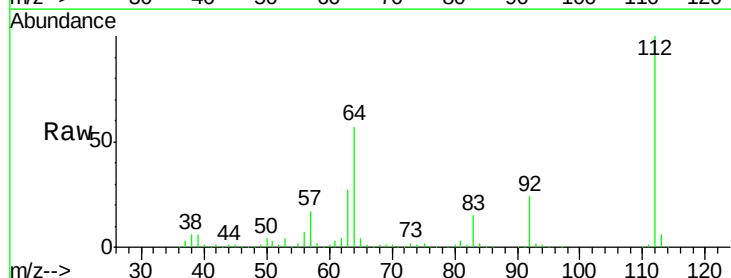
Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



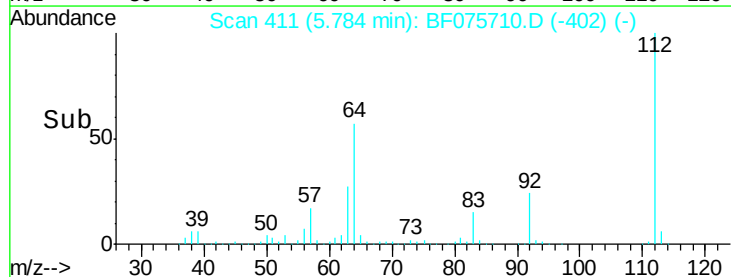
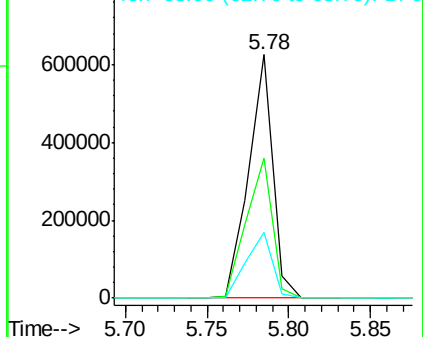
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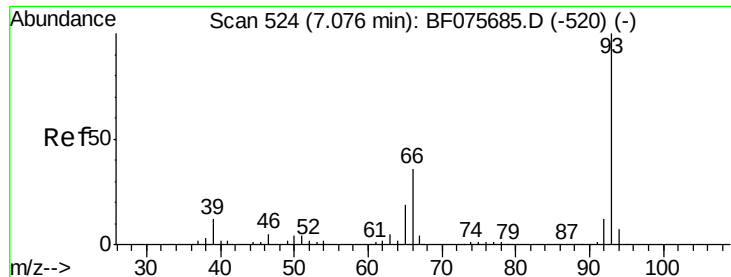
2-Fluorophenol
Concen: 133.37 ng
RT: 5.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion: 112 Resp: 646074
Ion Ratio Lower Upper
112 100
64 57.4 45.8 68.6
63 26.8 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: 21.39 ng

RT: 7.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampled :

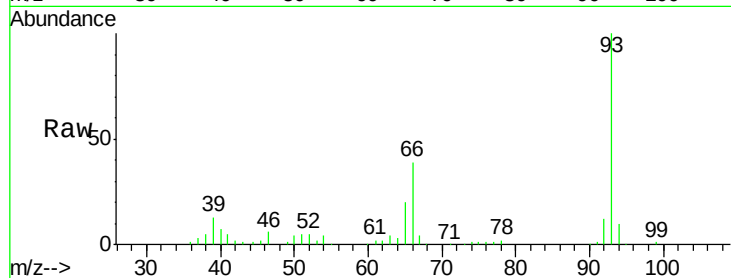
Tot Ion: 93 Resp: 186412

Ion Ratio Lower Upper

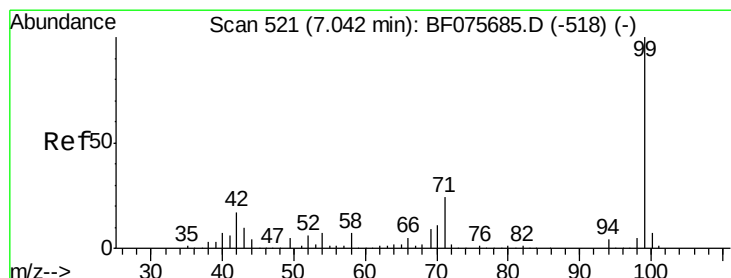
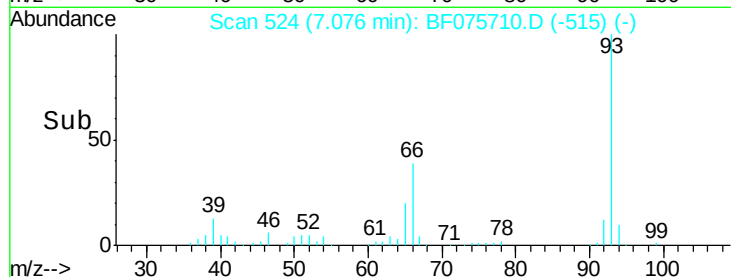
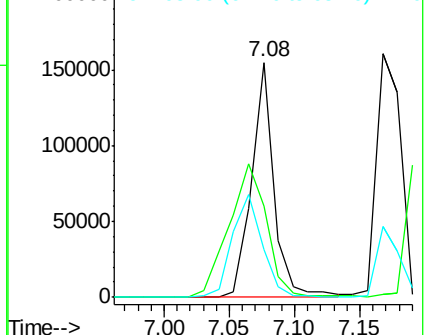
93 100

66 38.6 31.8 47.8

65 20.4 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: 127.63 ng

RT: 7.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

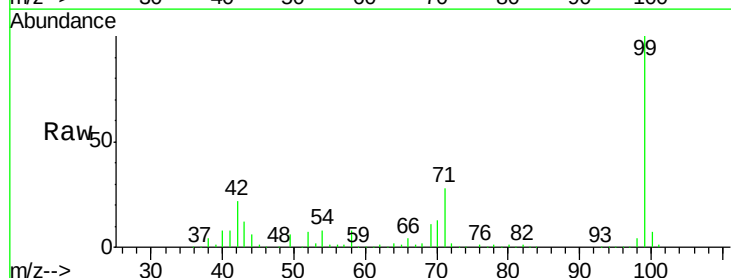
Tgt Ion: 99 Resp: 751904

Ion Ratio Lower Upper

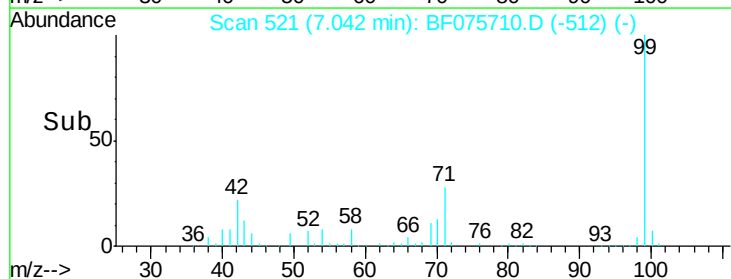
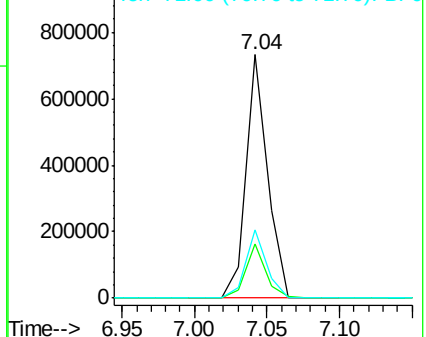
99 100

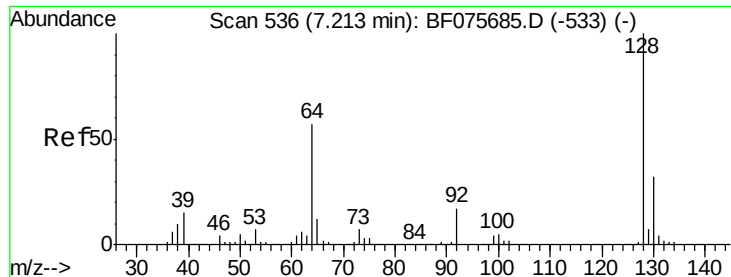
42 22.4 19.8 29.6

71 28.2 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: 38.00 ng

RT: 7.21 min Scan# 536

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

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ClientSampleId :

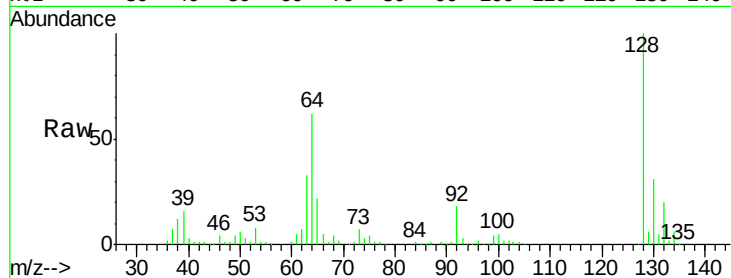
Tot Ion:128 Resp: 205879

Ion Ratio Lower Upper

128 100

130 31.2 12.7 52.7

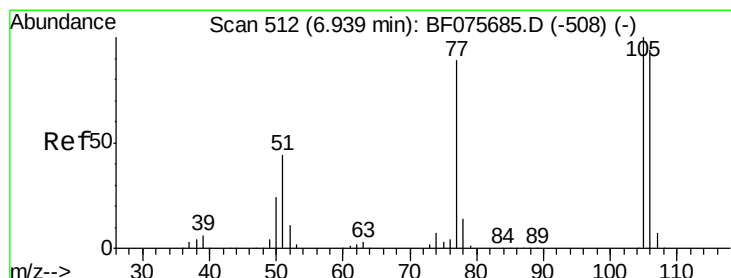
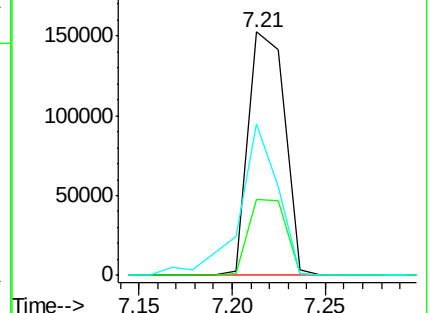
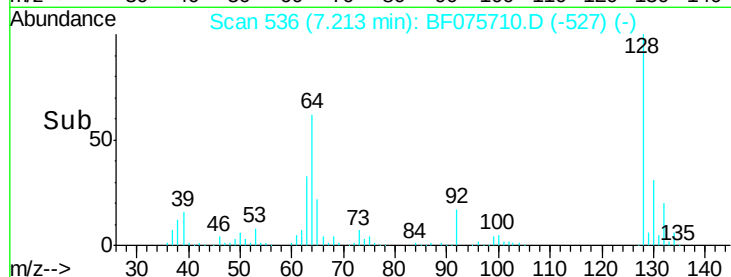
64 62.1 20.3 60.3#



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: 17.54 ng

RT: 6.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

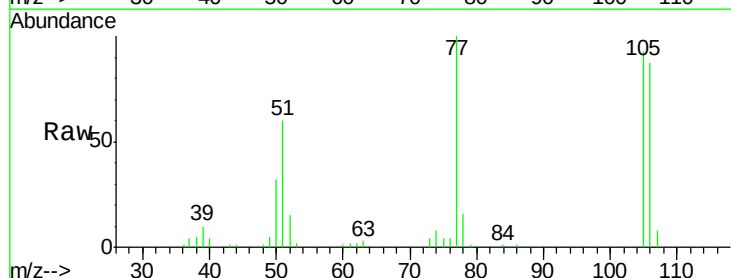
Tgt Ion: 77 Resp: 79671

Ion Ratio Lower Upper

77 100

105 92.6 81.6 121.6

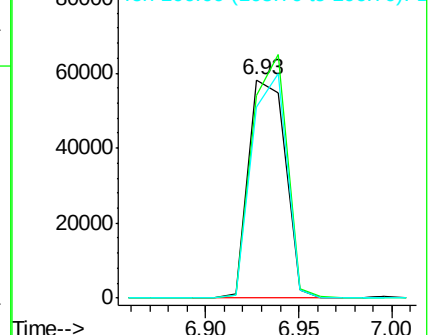
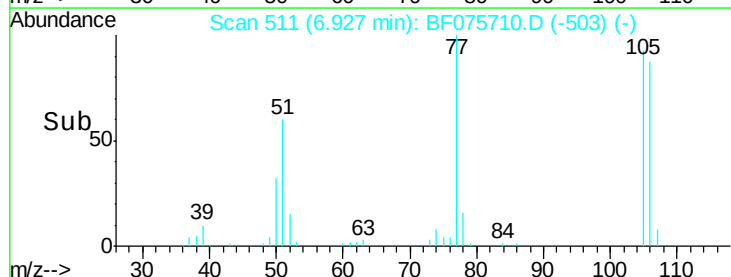
106 87.3 77.5 117.5

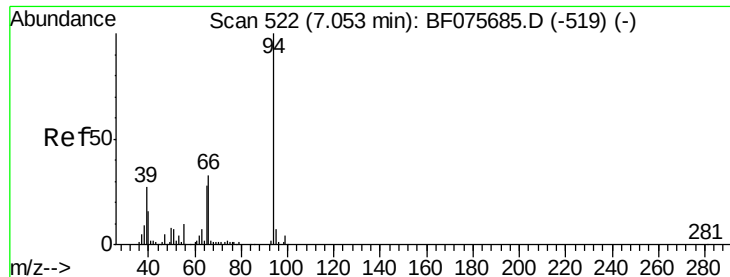


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 36.71 ng

RT: 7.06 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF075710.D

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Instrument :

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ClientSampleId :

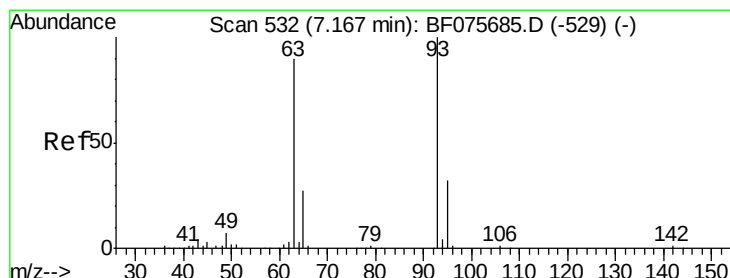
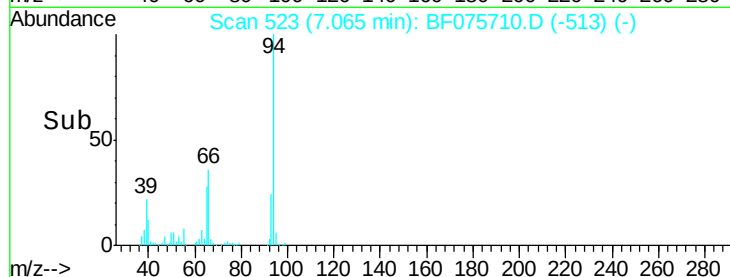
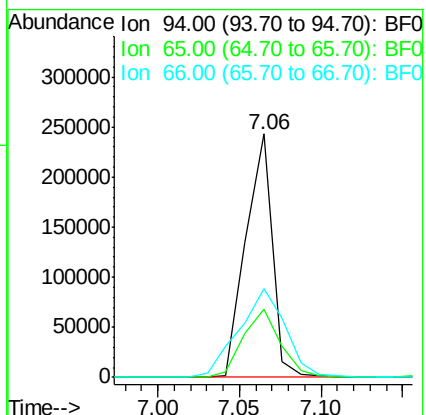
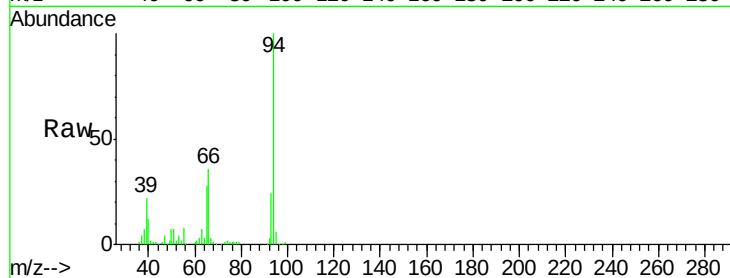
Tot Ion: 94 Resp: 273699

Ion Ratio Lower Upper

94 100

65 27.8 13.1 53.1

66 36.3 20.8 60.8



#11

bis(2-Chloroethyl)ether

Concen: 38.40 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

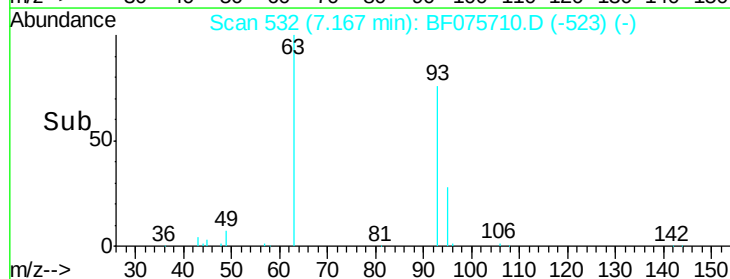
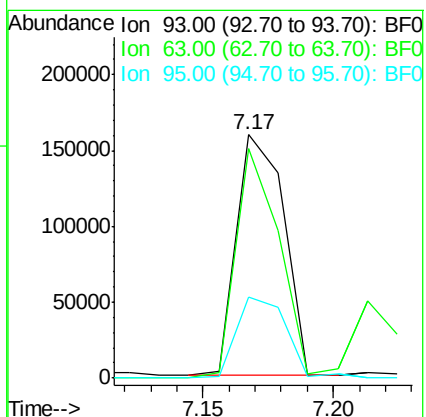
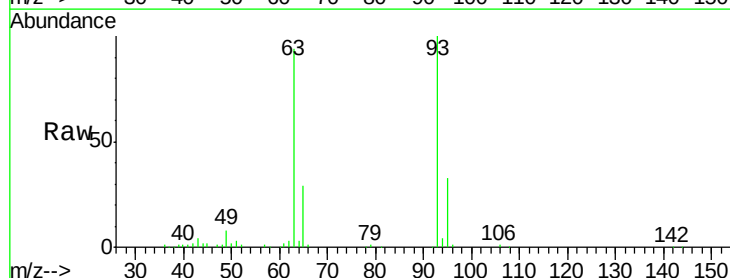
Tgt Ion: 93 Resp: 202691

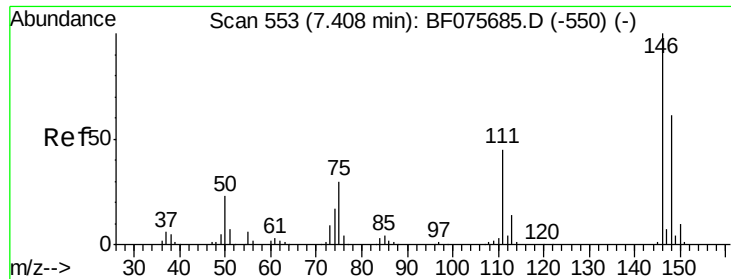
Ion Ratio Lower Upper

93 100

63 94.2 79.8 119.8

95 33.3 11.2 51.2





#12

1,3-Dichlorobenzene

Concen: 36.40 ng

RT: 7.41 min Scan# 553

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

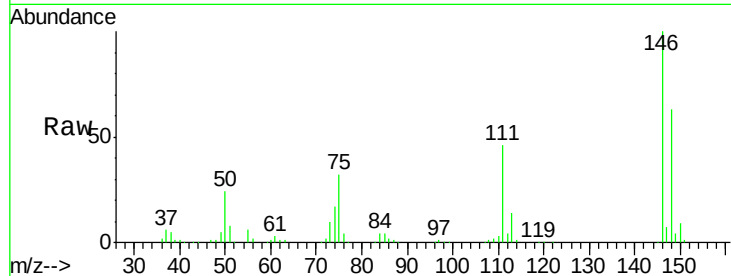
Tot Ion:146 Resp: 212731

Ion Ratio Lower Upper

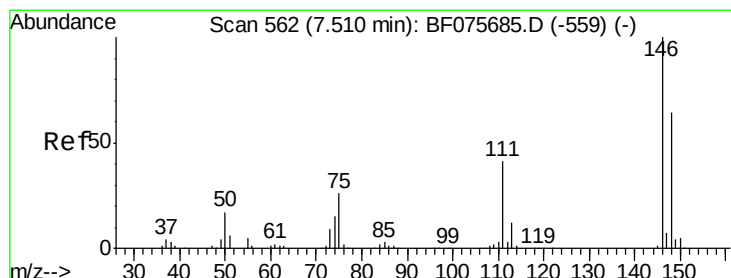
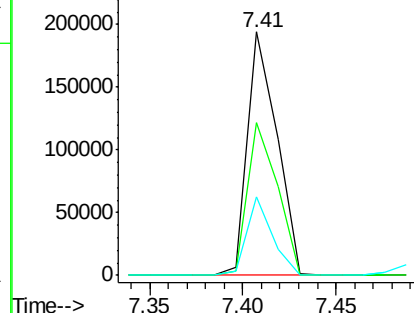
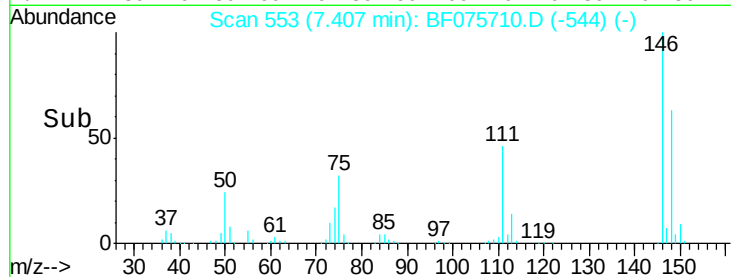
146 100

148 62.5 53.1 79.7

75 32.1 21.5 32.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 36.61 ng

RT: 7.51 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

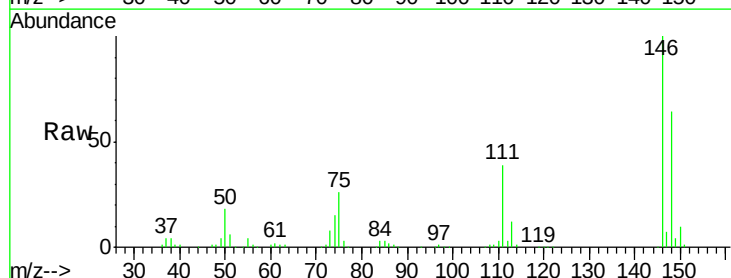
Tgt Ion:146 Resp: 223982

Ion Ratio Lower Upper

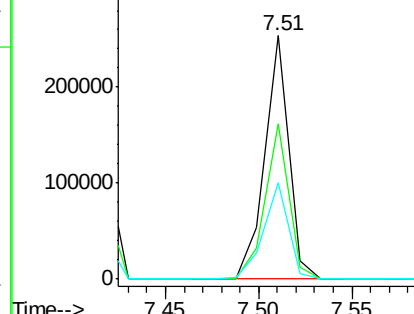
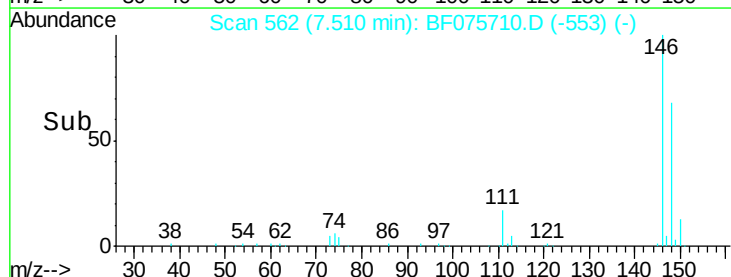
146 100

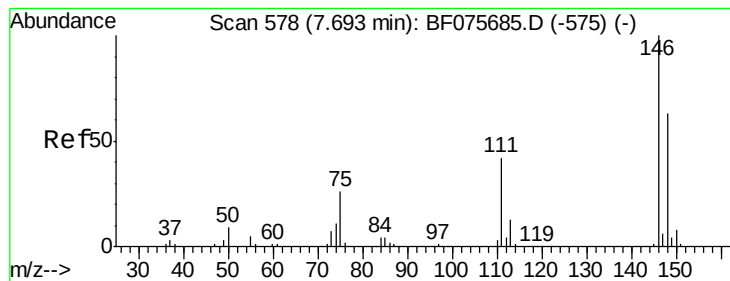
148 63.7 49.9 74.9

111 39.4 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: 37.74 ng

RT: 7.69 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

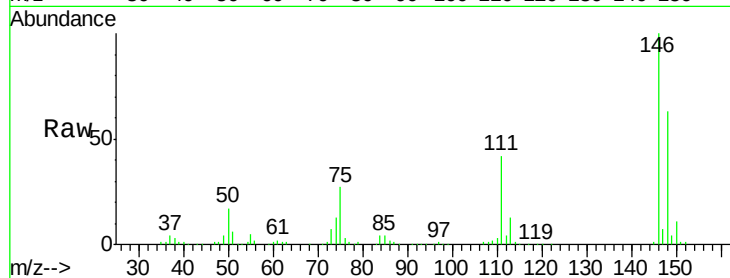
Tot Ion:146 Resp: 217031

Ion Ratio Lower Upper

146 100

148 62.7 50.7 76.1

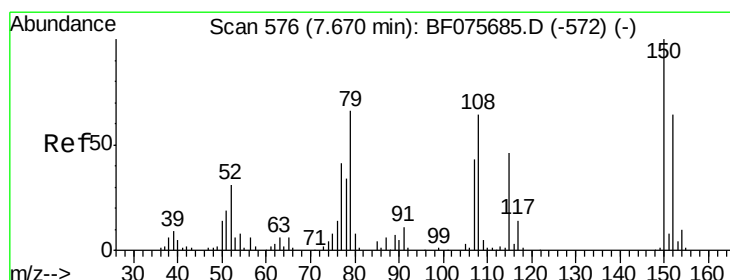
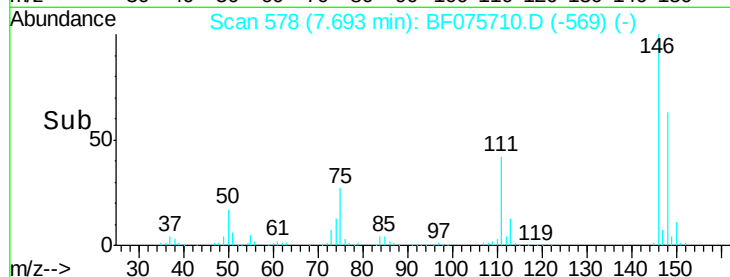
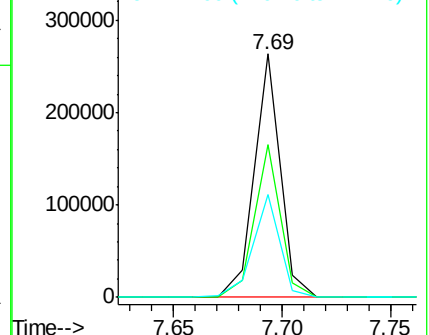
111 42.1 39.9 59.9



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: 38.89 ng

RT: 7.67 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

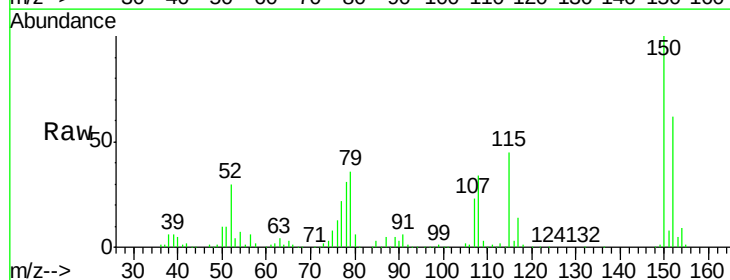
Tgt Ion: 79 Resp: 163887

Ion Ratio Lower Upper

79 100

108 94.6 75.5 113.3

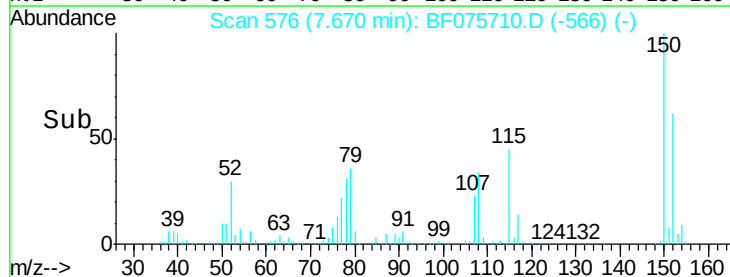
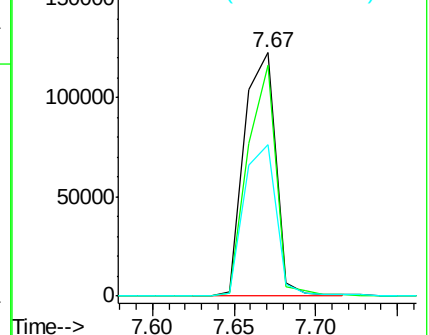
77 62.0 52.1 78.1

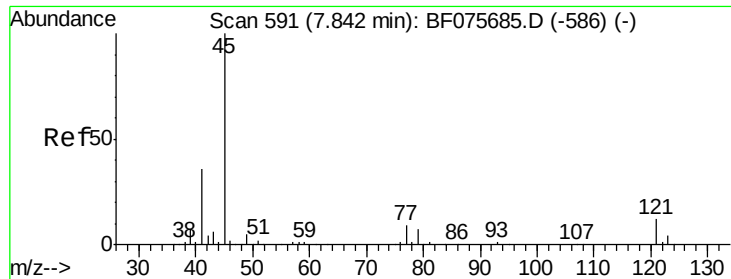


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

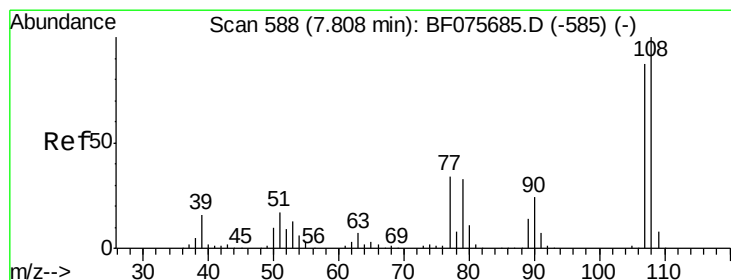
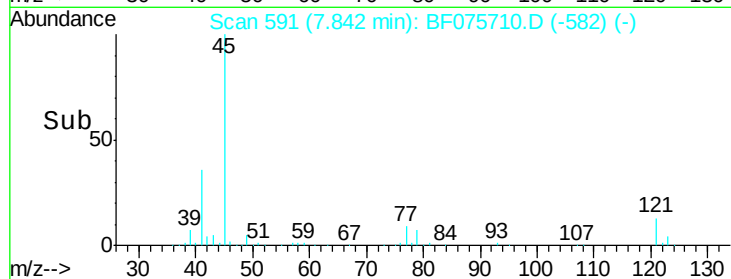
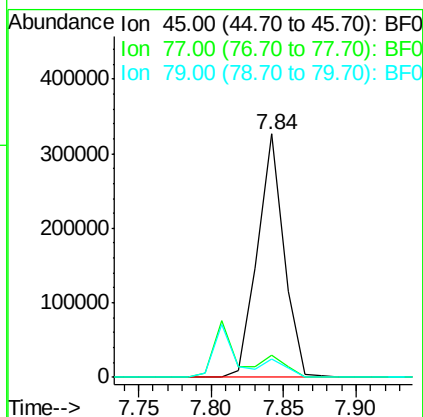
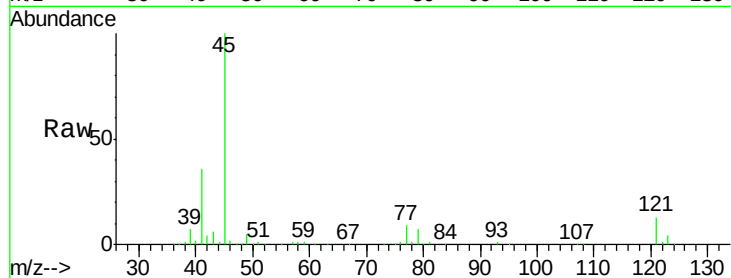




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.19 ng
RT: 7.84 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

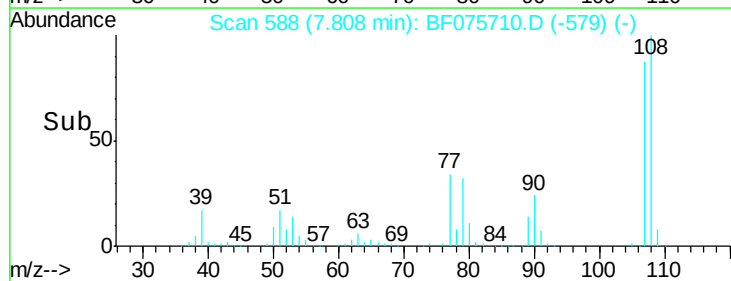
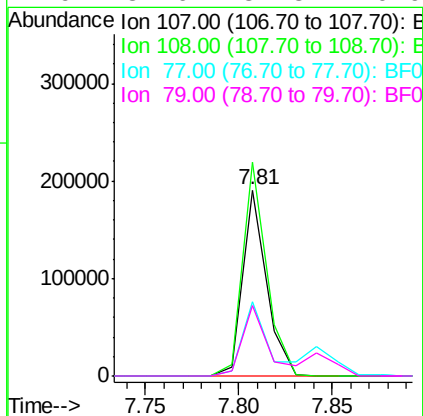
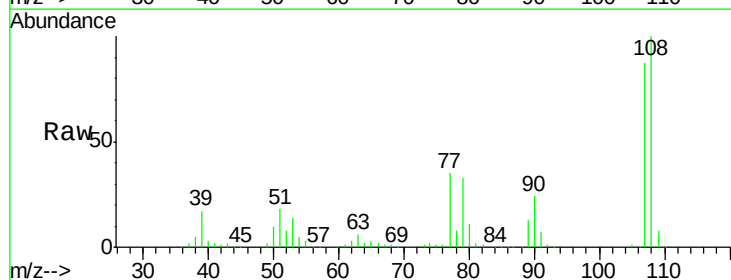
Instrument :
BNA_F
ClientSampleId :

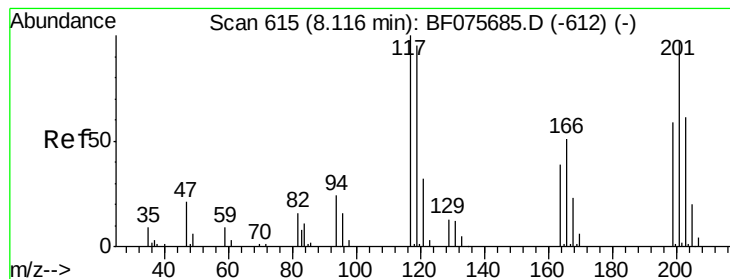
Tot Ion	Ratio	Lower	Upper
45	100		
77	9.3	0.0	28.6
79	7.4	0.0	26.5



#17
2-Methylphenol
Concen: 37.11 ng
RT: 7.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.8	95.6	143.4
77	39.9	30.2	45.4
79	37.6	31.3	46.9





#18

Hexachloroethane

Concen: 37.20 ng

RT: 8.12 min Scan# 615

Delta R.T. -0.00 min

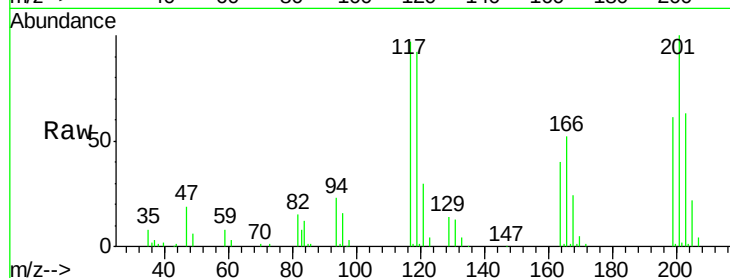
Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :



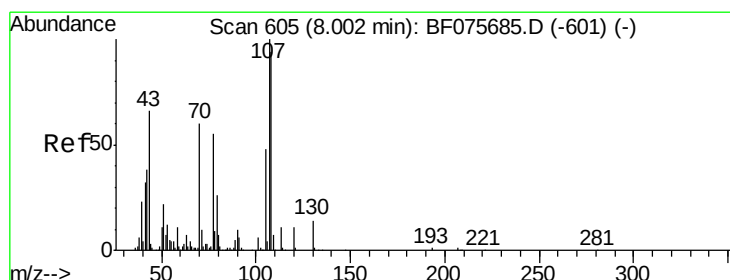
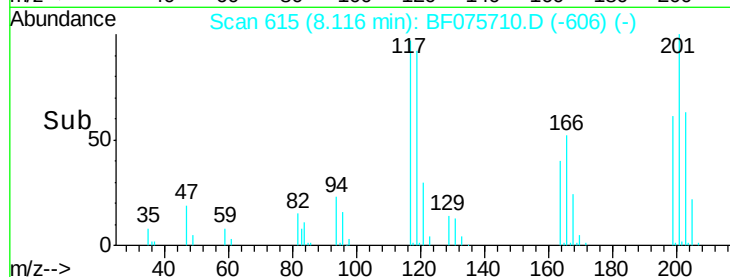
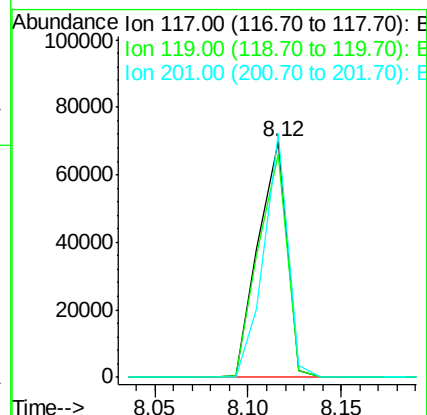
Tot Ion:117 Resp: 75730

Ion Ratio Lower Upper

117 100

119 94.9 72.9 109.3

201 103.3 48.2 72.4#



#19

n-Nitroso-di-n-propylamine

Concen: 38.49 ng

RT: 8.00 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Tgt Ion: 70 Resp: 147067

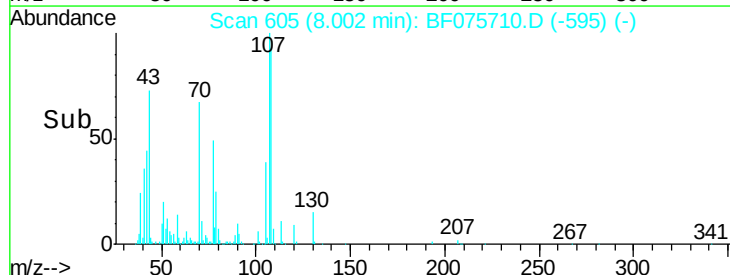
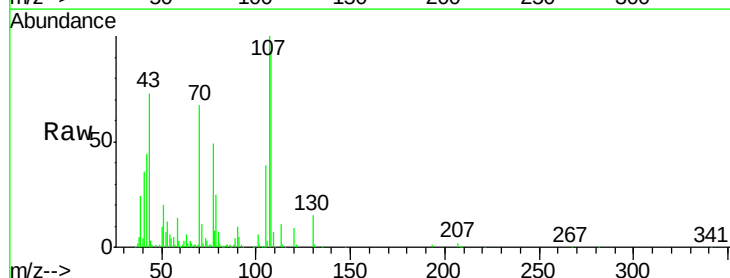
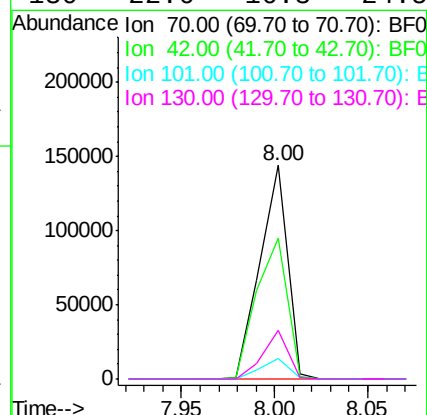
Ion Ratio Lower Upper

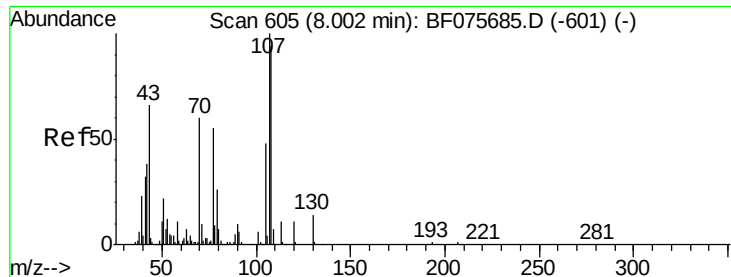
70 100

42 66.2 63.0 94.6

101 9.7 7.5 11.3

130 22.6 16.3 24.5

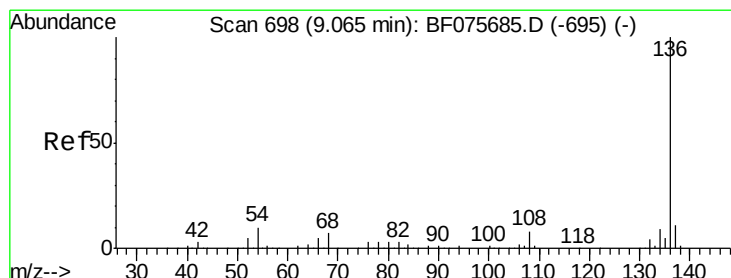
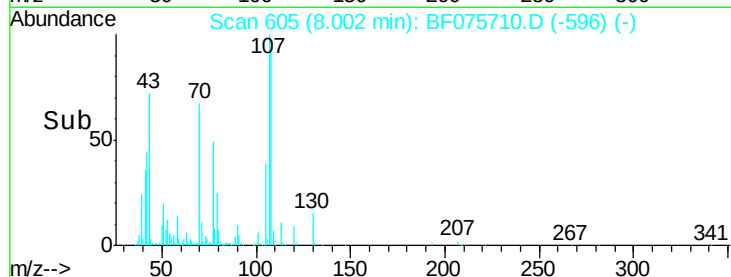
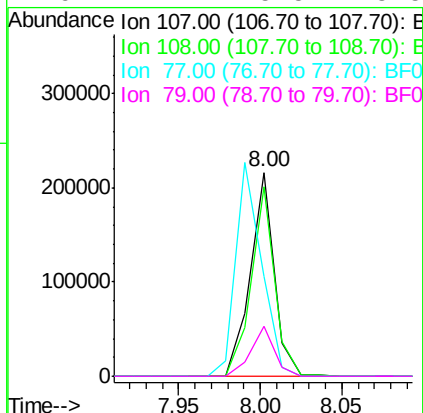
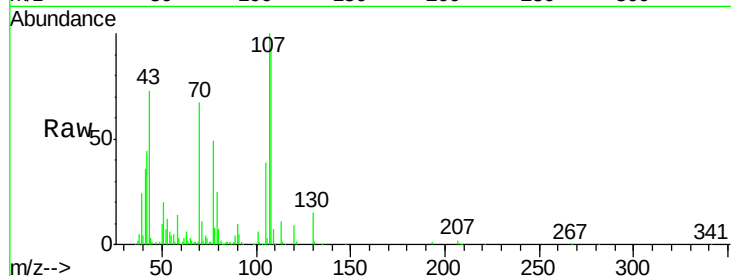




#20
3+4-Methylphenols
Concen: 37.31 ng
RT: 8.00 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

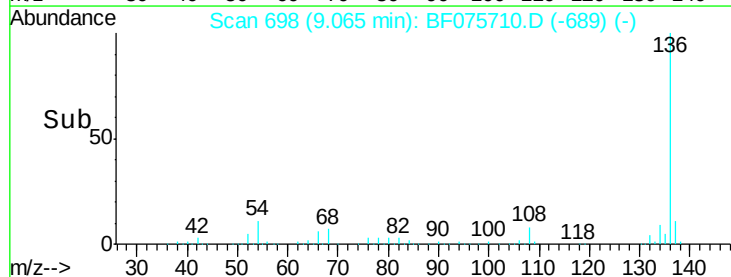
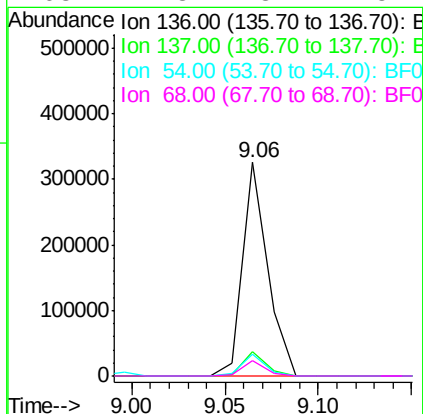
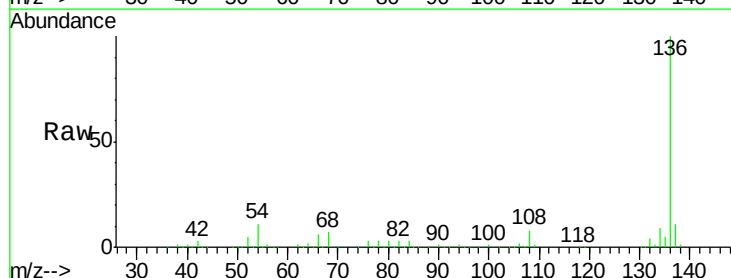
Instrument :
BNA_F
ClientSampleId :

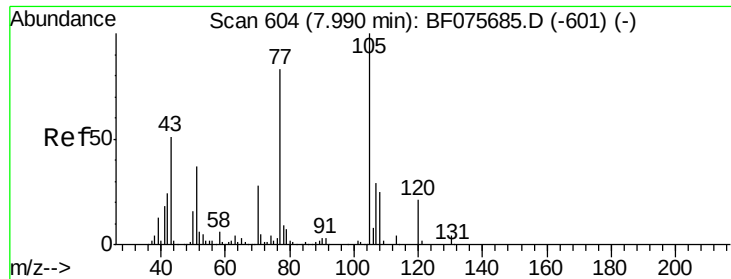
Tot Ion:107	Resp:	221283
Ion Ratio	Lower	Upper
107	100	
108	93.3	69.6 109.6
77	48.9	84.4 124.4#
79	24.7	5.5 45.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:136	Resp:	303739
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.2 12.4
54	10.5	6.2 9.4#
68	7.3	3.4 5.2#

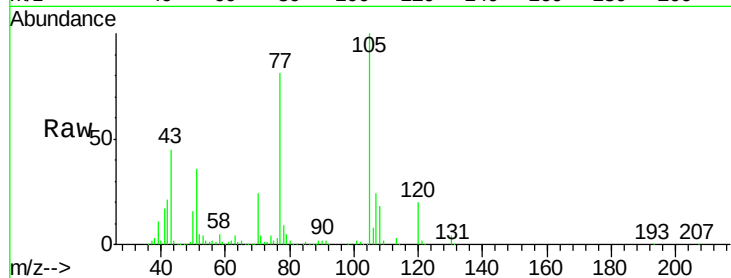




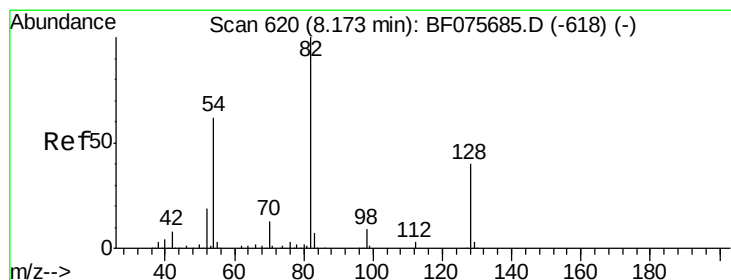
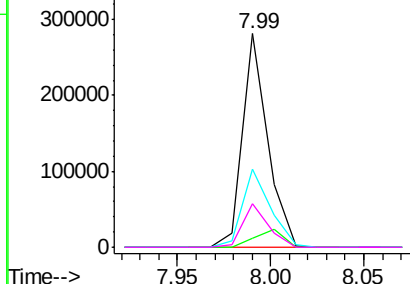
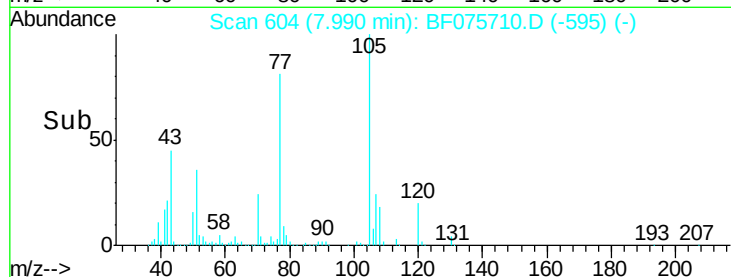
#22
Acetophenone
Concen: 35.88 ng
RT: 7.99 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 263207
Ion Ratio Lower Upper
105 100
71 4.2 10.5 15.7#
51 36.3 24.2 36.2#
120 20.3 17.5 26.3

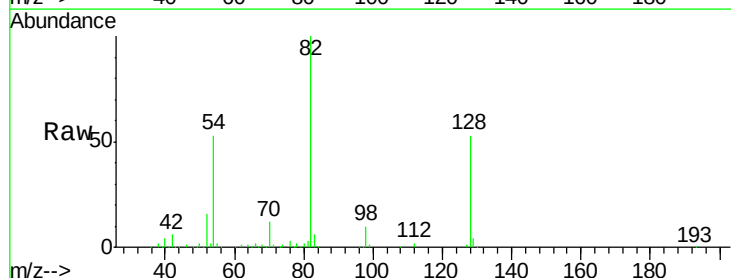


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

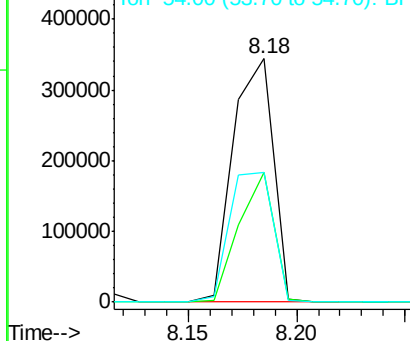
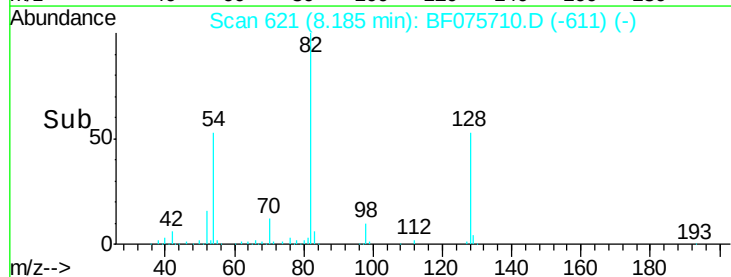


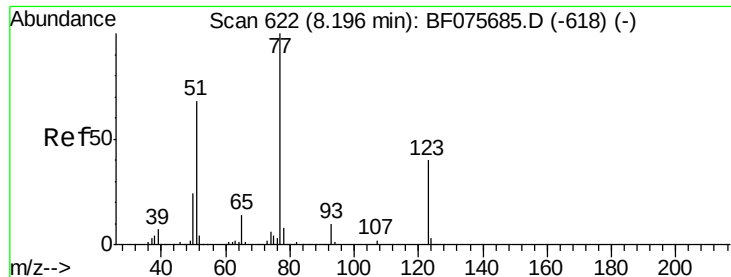
#23
Nitrobenzene-d5
Concen: 89.35 ng
RT: 8.18 min Scan# 621
Delta R.T. 0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion: 82 Resp: 442158
Ion Ratio Lower Upper
82 100
128 53.1 37.8 56.6
54 53.2 49.8 74.8



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





#24

Nitrobenzene

Concen: 38.60 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampled :

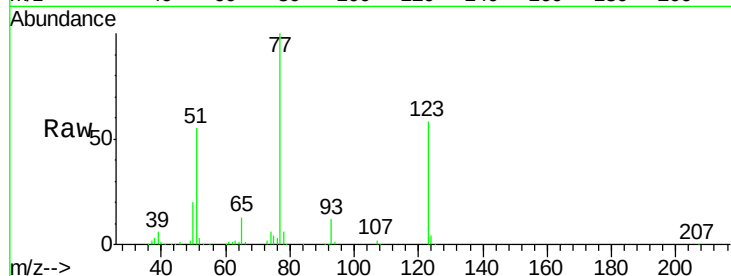
Tot Ion: 77 Resp: 221076

Ion Ratio Lower Upper

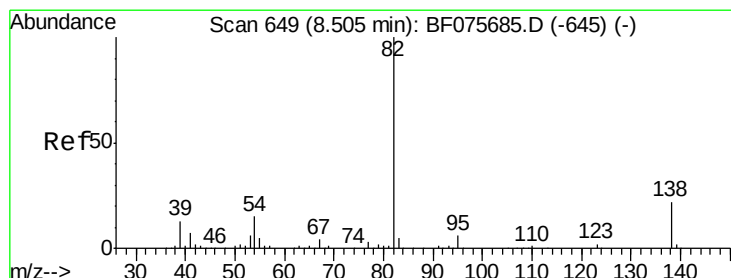
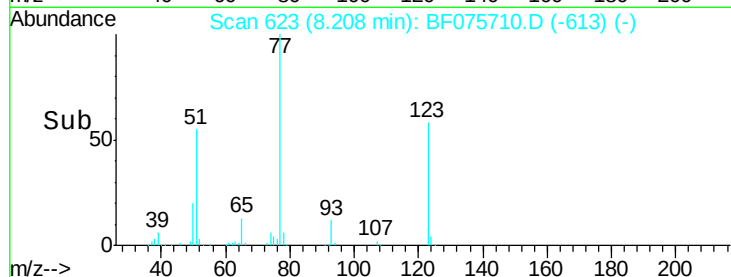
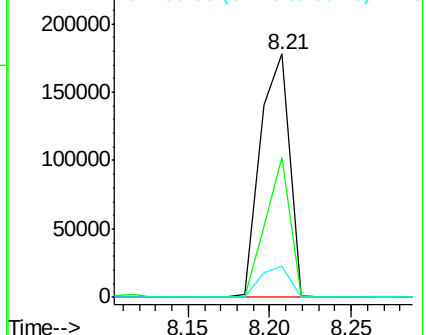
77 100

123 57.6 39.0 58.4

65 12.6 10.6 15.8



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



#25

Isophorone

Concen: 39.26 ng

RT: 8.50 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

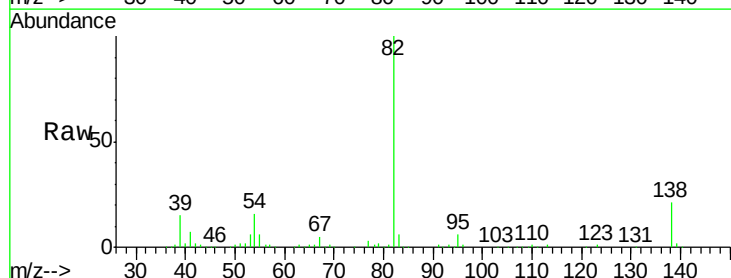
Tgt Ion: 82 Resp: 411095

Ion Ratio Lower Upper

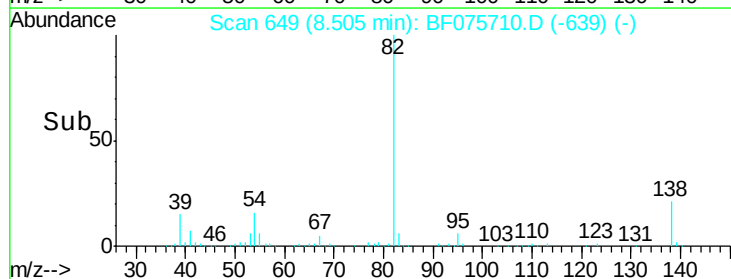
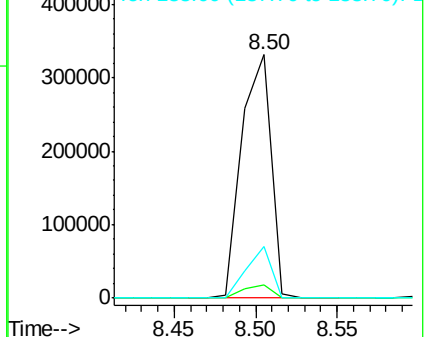
82 100

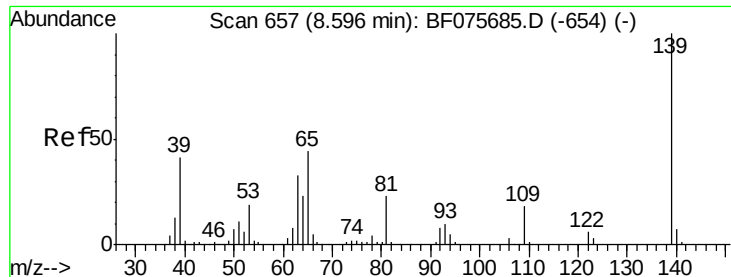
95 5.7 5.2 7.8

138 21.1 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

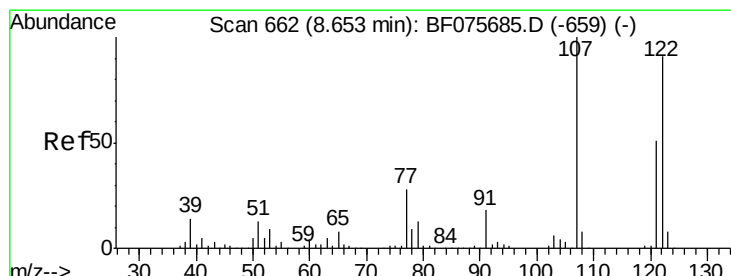
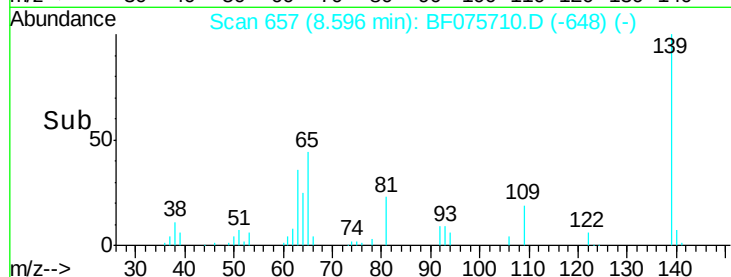
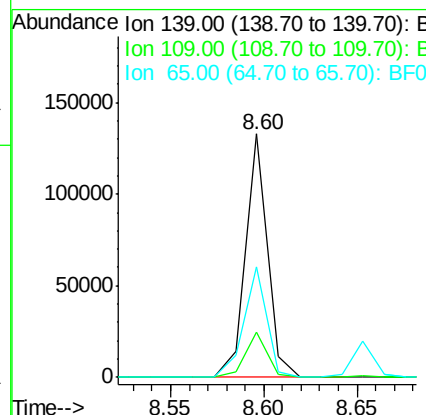
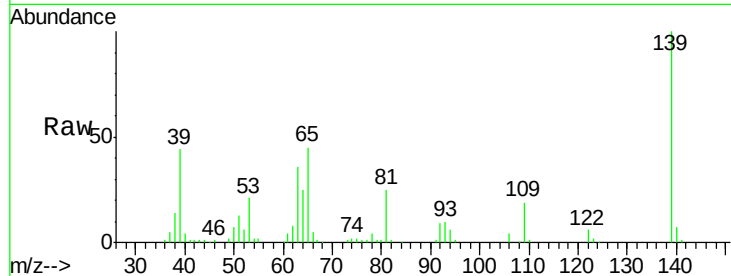




#26
2-Nitrophenol
Concen: 40.56 ng
RT: 8.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

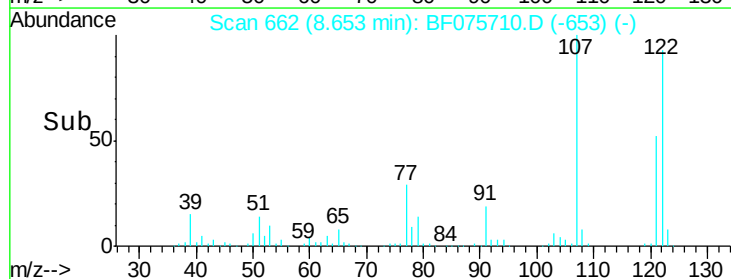
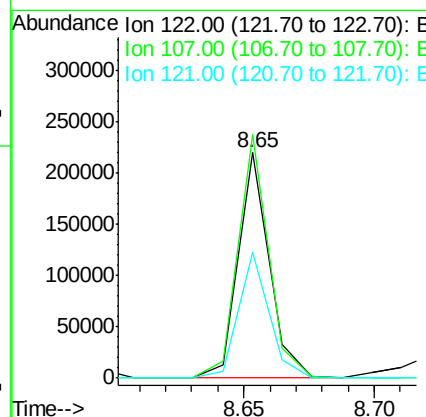
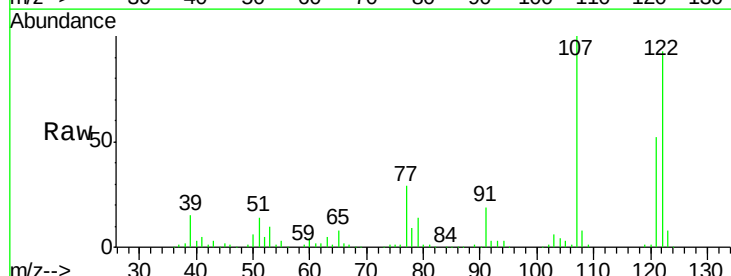
Instrument :
BNA_F
ClientSampleId :

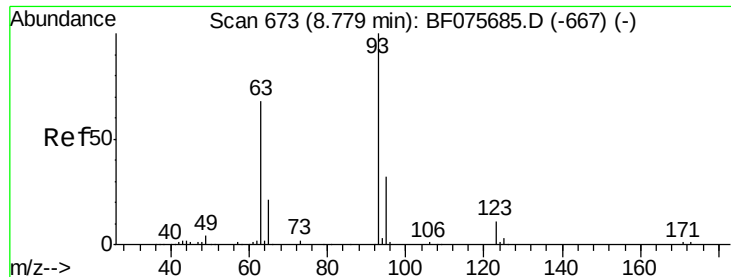
Tot Ion	Ratio	Lower	Upper
139	100		
109	18.7	22.3	33.5#
65	45.1	49.1	73.7#



#27
2,4-Dimethylphenol
Concen: 39.24 ng
RT: 8.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.0	86.5	129.7
121	56.1	45.4	68.2





#28

bis(2-Chloroethoxy)methane

Concen: 42.87 ng

RT: 8.78 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

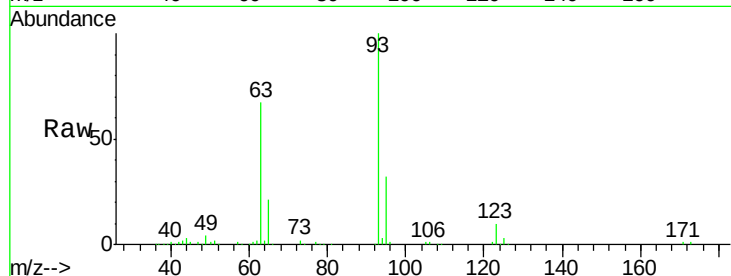
Tot Ion: 93 Resp: 274465

Ion Ratio Lower Upper

93 100

95 31.8 26.2 39.4

123 10.4 8.8 13.2

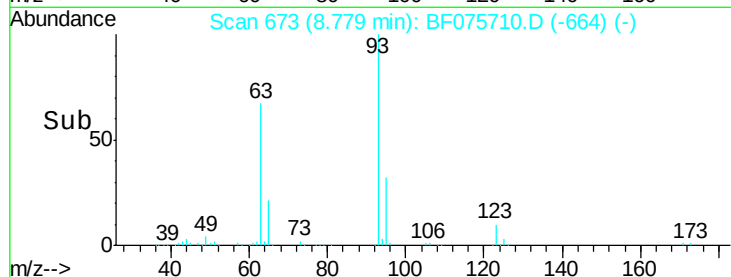


Abundance Ion 93.00 (92.70 to 93.70): BF075685.D (-667) (-)

Ion 95.00 (94.70 to 95.70): BF075685.D (-667) (-)

Ion 123.00 (122.70 to 123.70): BF075685.D (-667) (-)

Time-->

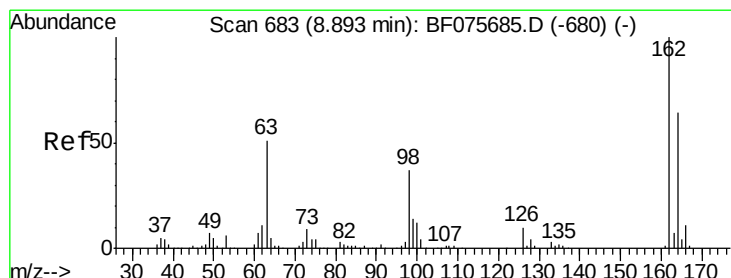


Abundance Ion 93.00 (92.70 to 93.70): BF075710.D (-664) (-)

Ion 95.00 (94.70 to 95.70): BF075710.D (-664) (-)

Ion 123.00 (122.70 to 123.70): BF075710.D (-664) (-)

Time-->



#29

2,4-Dichlorophenol

Concen: 39.53 ng

RT: 8.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

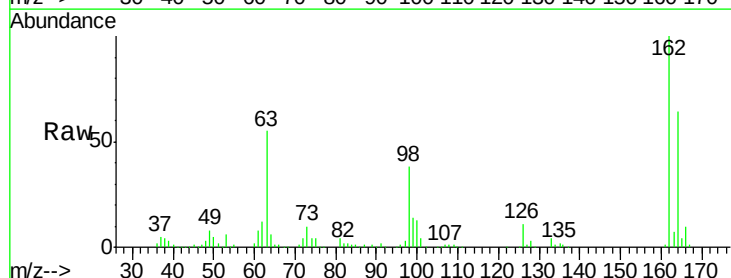
Tgt Ion: 162 Resp: 163971

Ion Ratio Lower Upper

162 100

164 64.3 43.8 83.8

98 37.7 14.6 54.6

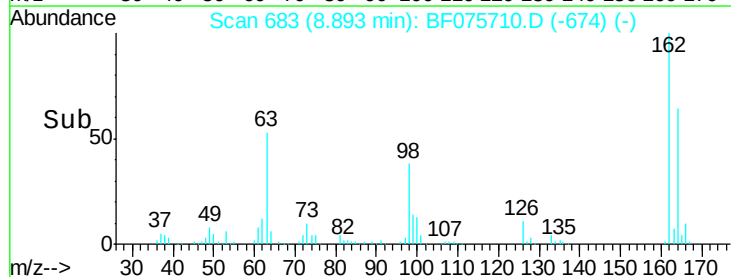


Abundance Ion 162.00 (161.70 to 162.70): BF075685.D (-680) (-)

Ion 164.00 (163.70 to 164.70): BF075685.D (-680) (-)

Ion 98.00 (97.70 to 98.70): BF075685.D (-680) (-)

Time-->

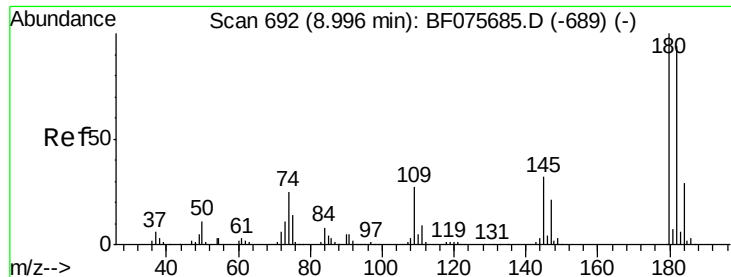


Abundance Ion 162.00 (161.70 to 162.70): BF075710.D (-674) (-)

Ion 164.00 (163.70 to 164.70): BF075710.D (-674) (-)

Ion 98.00 (97.70 to 98.70): BF075710.D (-674) (-)

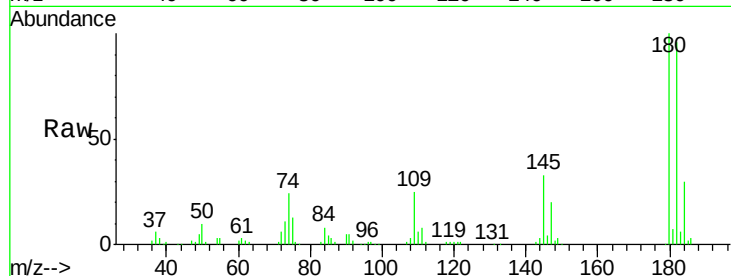
Time-->



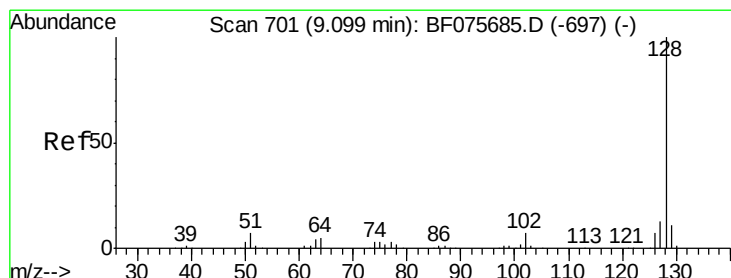
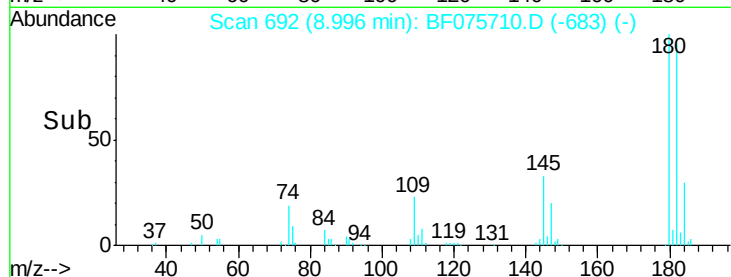
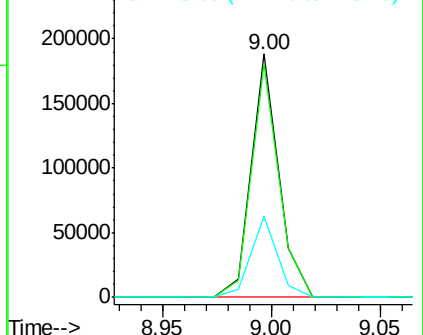
#30
 1,2,4-Trichlorobenzene
 Concen: 38.17 ng
 RT: 9.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 164563
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.4 117.6
 145 33.2 22.3 33.5

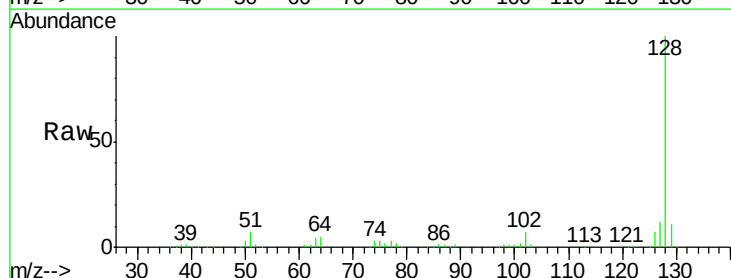


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

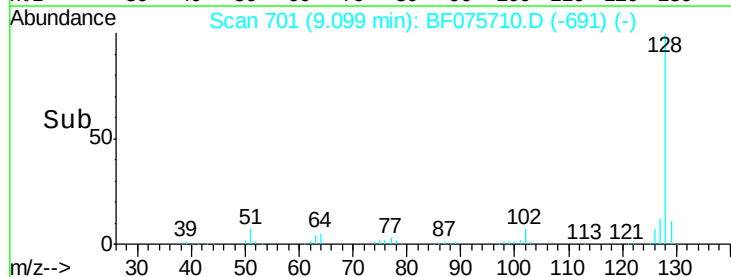
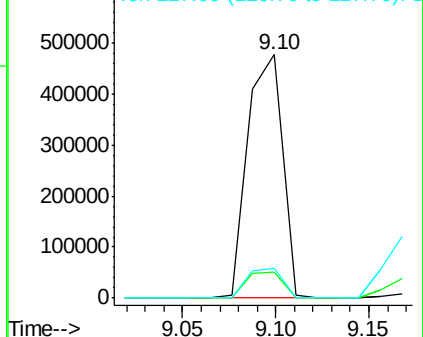


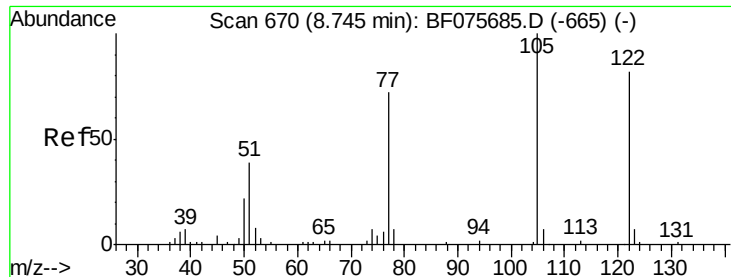
#31
 Naphthalene
 Concen: 39.87 ng
 RT: 9.10 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Tgt Ion:128 Resp: 618331
 Ion Ratio Lower Upper
 128 100
 129 10.5 9.0 13.4
 127 12.5 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

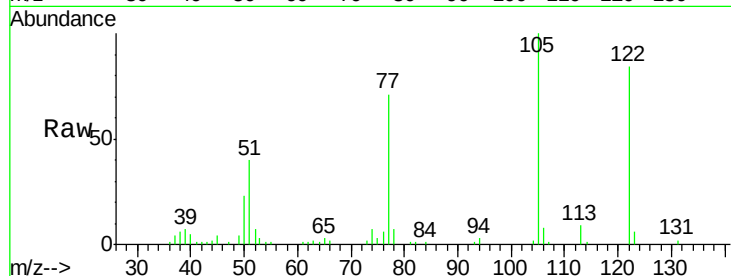




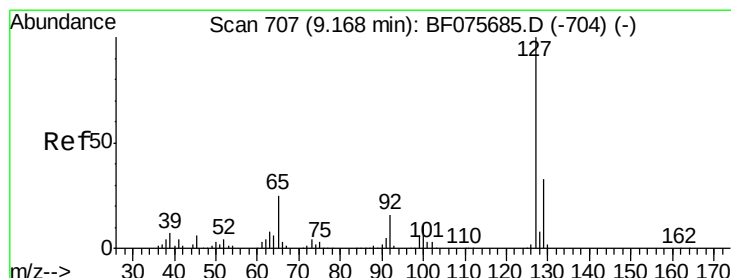
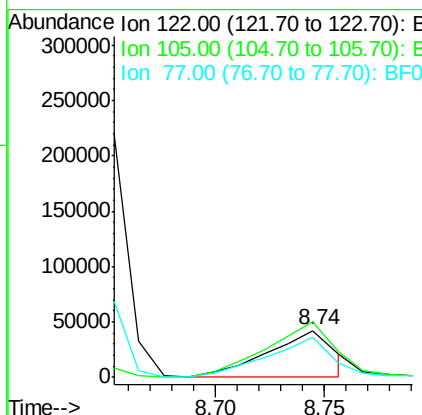
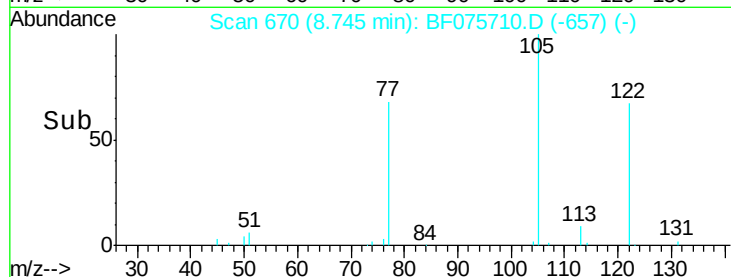
#32
Benzoic acid
Concen: 32.58 ng
RT: 8.74 min Scan# 670
Delta R.T. 0.05 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 86691
Ion Ratio Lower Upper
122 100
105 119.4 95.1 135.1
77 85.3 62.6 102.6

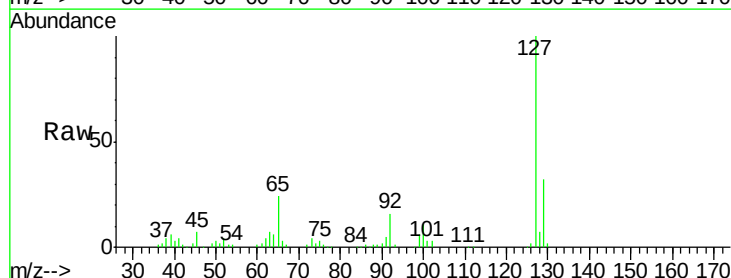


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

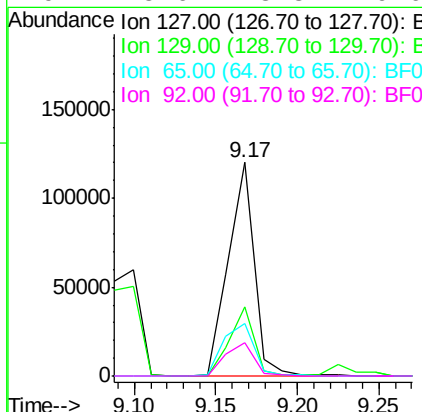
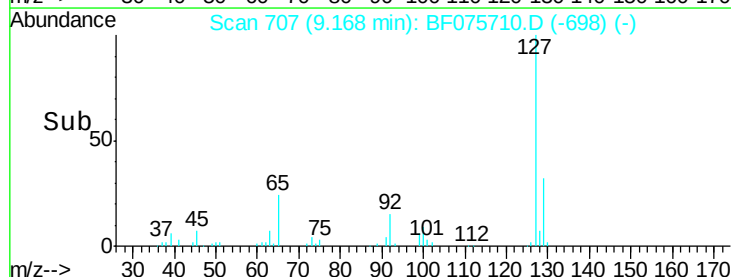


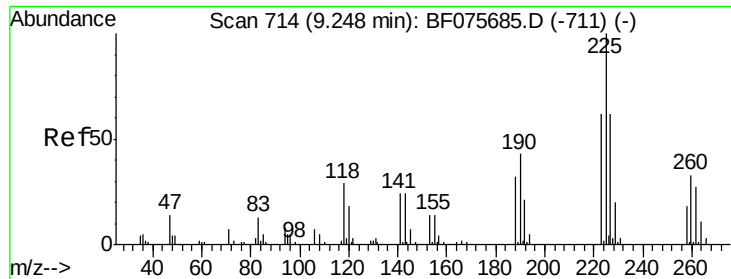
#33
4-Chloroaniline
Concen: 19.77 ng
RT: 9.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:127 Resp: 131515
Ion Ratio Lower Upper
127 100
129 32.1 25.5 38.3
65 24.4 22.8 34.2
92 15.6 13.8 20.6



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

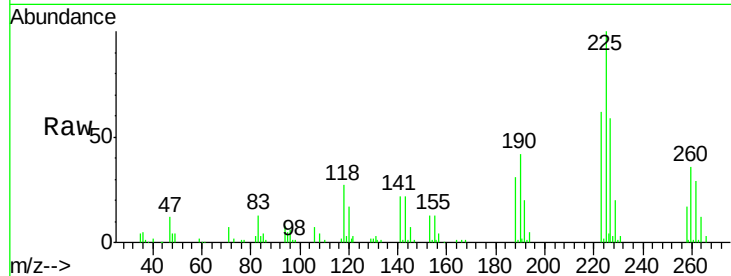




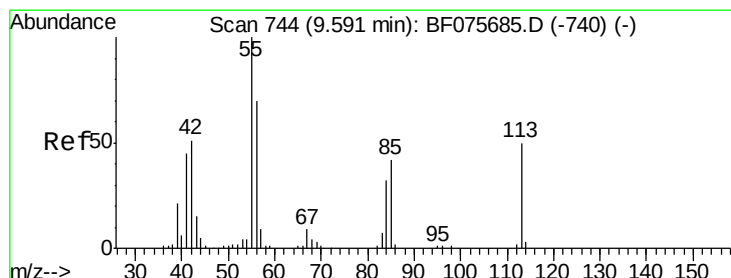
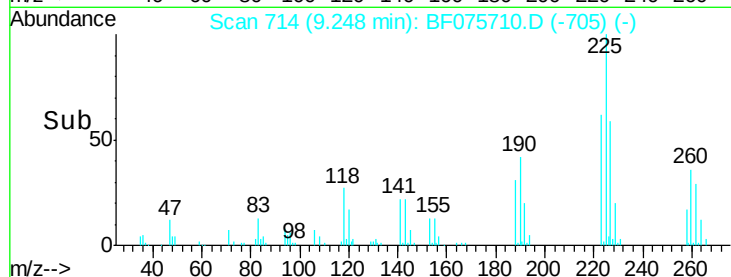
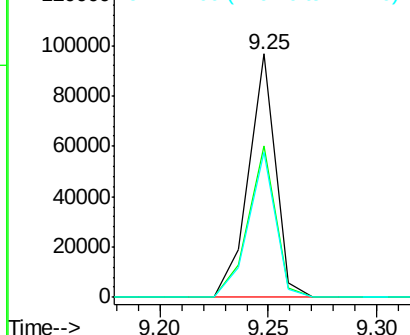
#34
Hexachlorobutadiene
Concen: 39.44 ng
RT: 9.25 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 83473
Ion Ratio Lower Upper
225 100
223 62.0 51.0 76.6
227 59.5 48.6 73.0

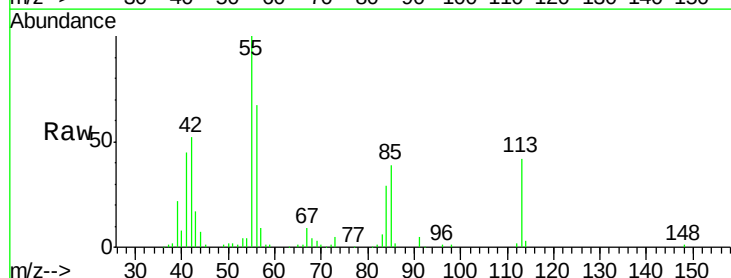


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

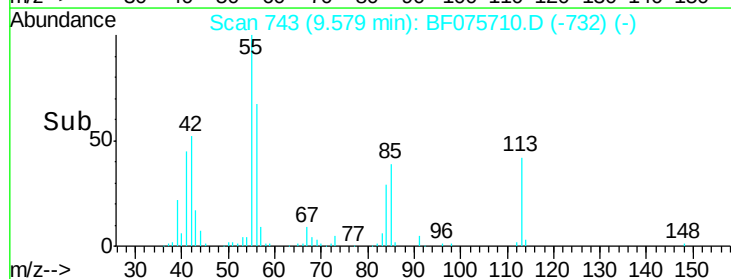
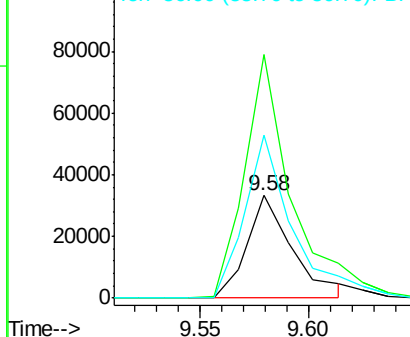


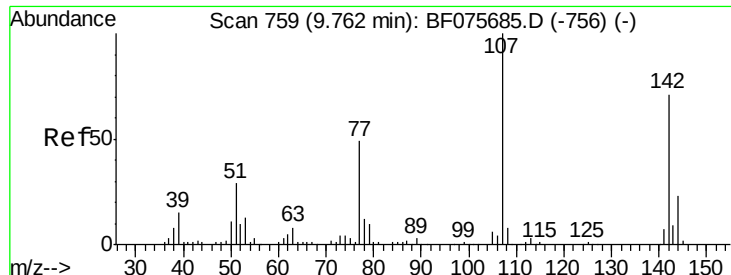
#35
Caprolactam
Concen: 35.34 ng
RT: 9.58 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:113 Resp: 48668
Ion Ratio Lower Upper
113 100
55 238.1 226.9 266.9
56 159.8 148.4 188.4



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

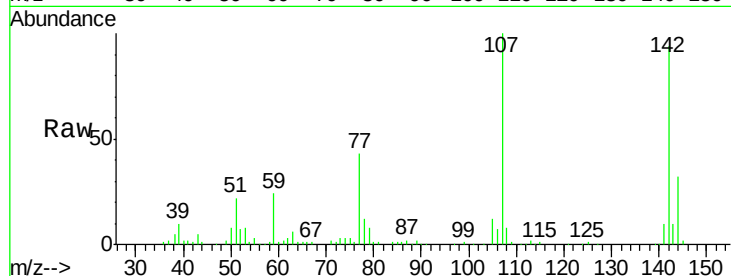




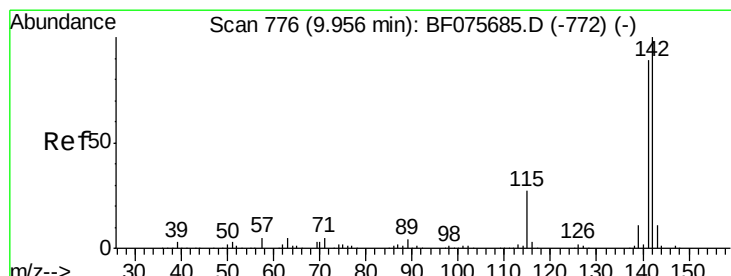
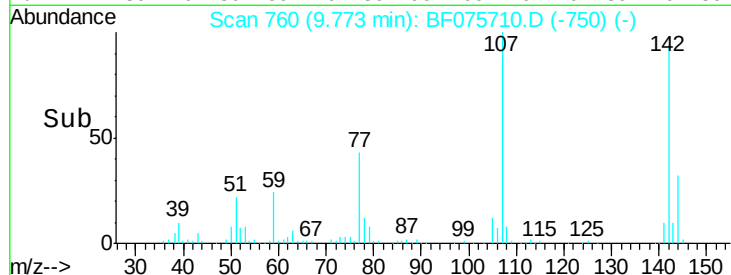
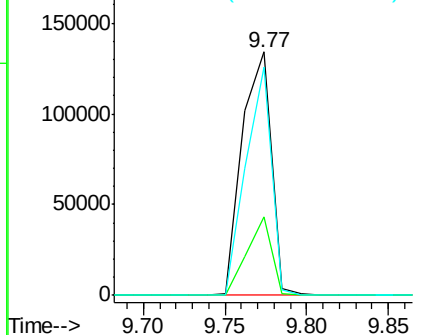
#36
 4-Chloro-3-methylphenol
 Concen: 37.24 ng
 RT: 9.77 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:107 Resp: 165738
 Ion Ratio Lower Upper
 107 100
 144 32.1 19.1 28.7#
 142 93.8 62.9 94.3

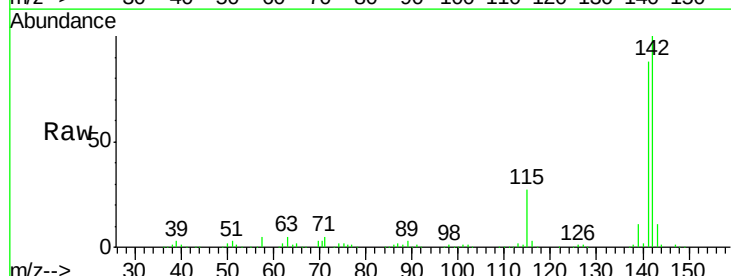


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

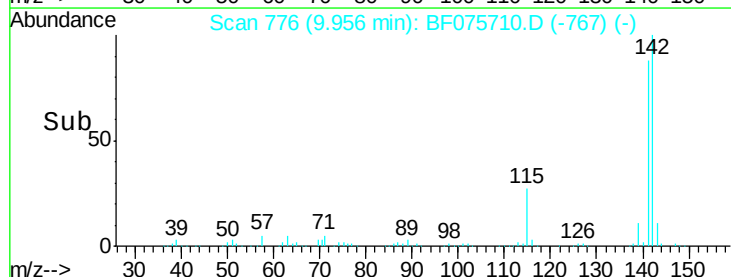
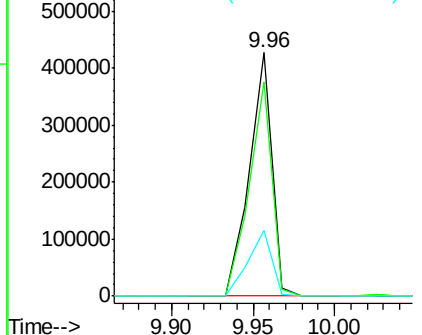


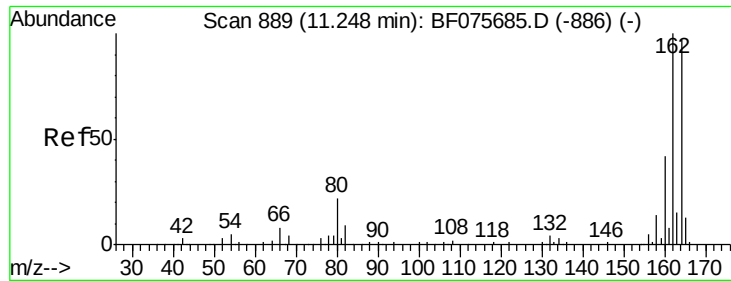
#37
 2-Methylnaphthalene
 Concen: 39.85 ng
 RT: 9.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Tgt Ion:142 Resp: 411417
 Ion Ratio Lower Upper
 142 100
 141 87.9 69.9 104.9
 115 27.0 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

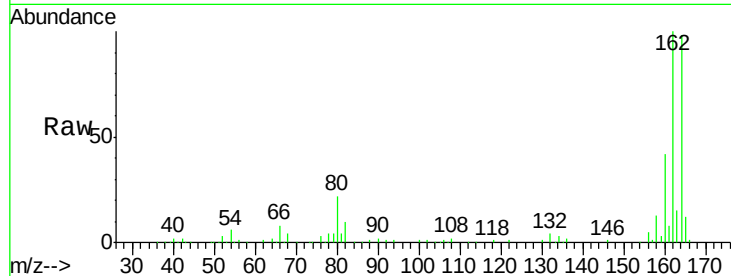




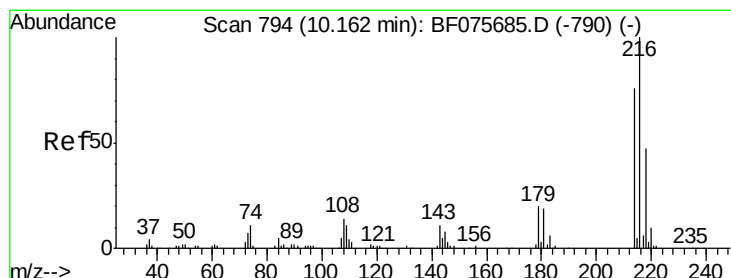
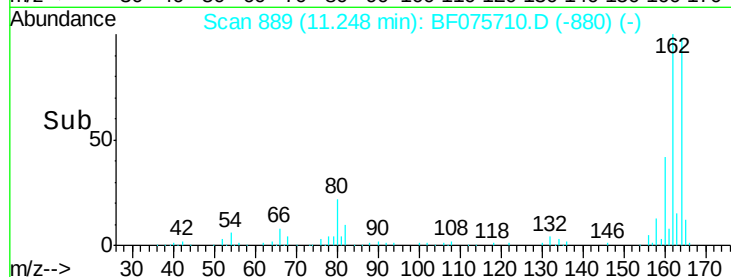
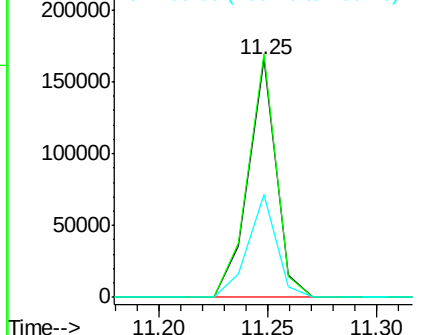
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 889
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 148849
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 43.0 34.6 51.8

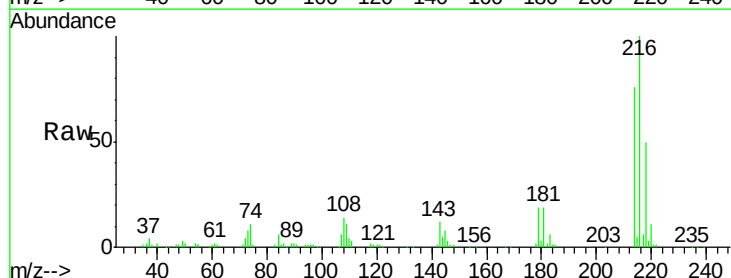


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

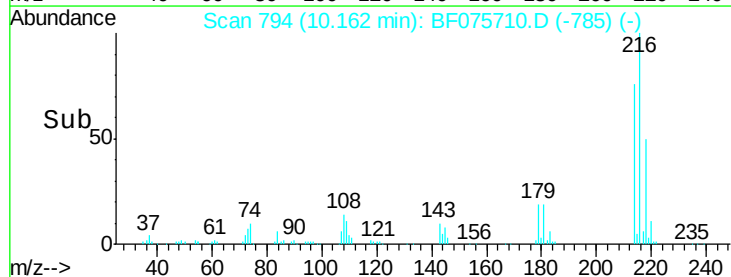
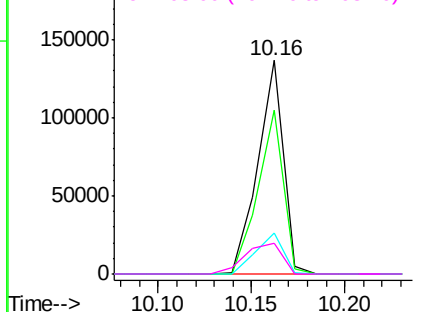


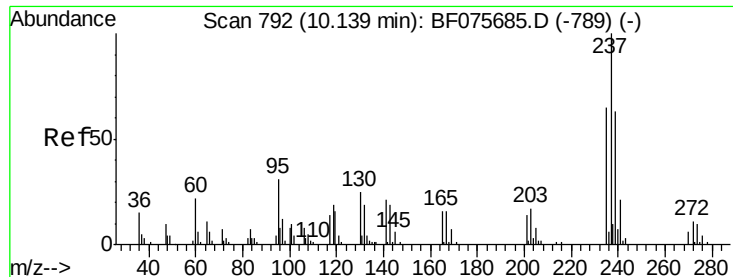
#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.16 ng
RT: 10.16 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:216 Resp: 130945
Ion Ratio Lower Upper
216 100
214 75.9 62.8 94.2
179 20.8 18.7 28.1
108 21.0 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: 66.41 ng

RT: 10.14 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

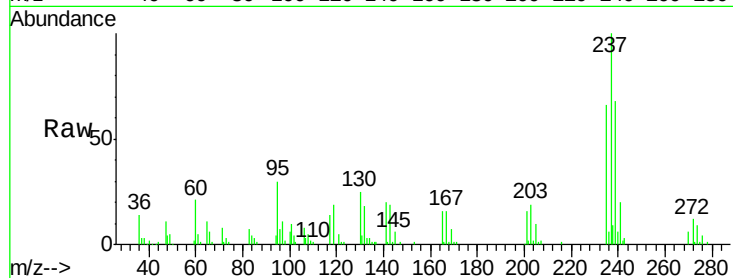
Tot Ion:237 Resp: 109771

Ion Ratio Lower Upper

237 100

235 65.9 45.7 85.7

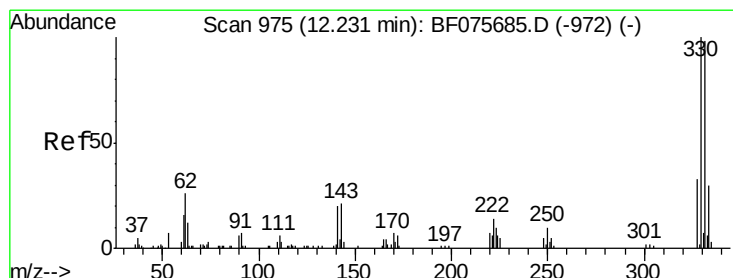
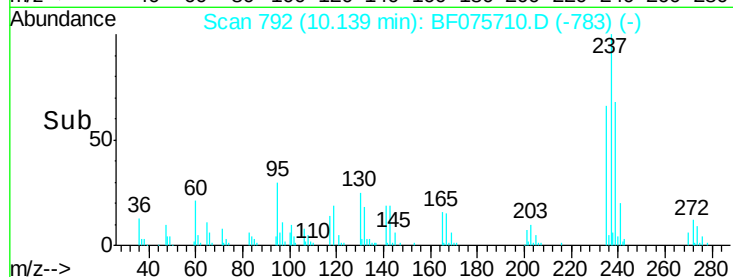
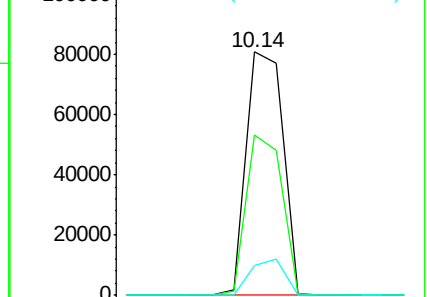
272 12.3 0.0 32.6



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: 139.80 ng

RT: 12.23 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

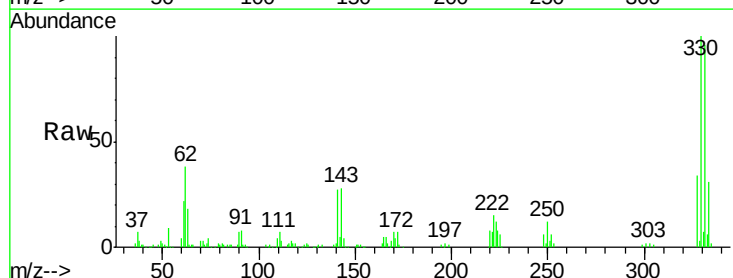
Tgt Ion:330 Resp: 169659

Ion Ratio Lower Upper

330 100

332 95.8 74.5 111.7

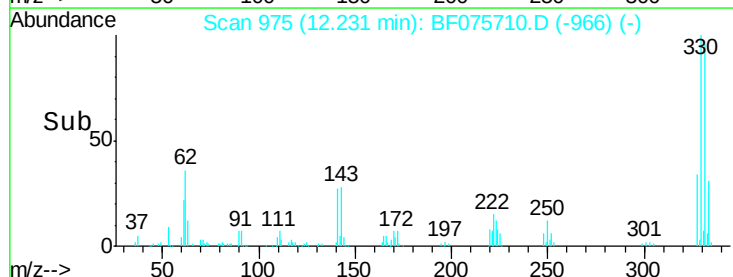
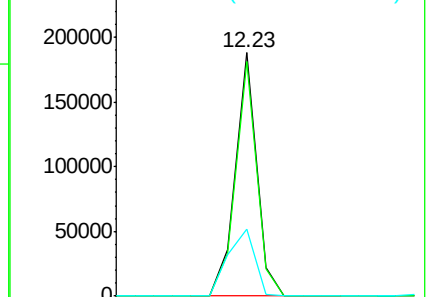
141 34.5 30.7 46.1

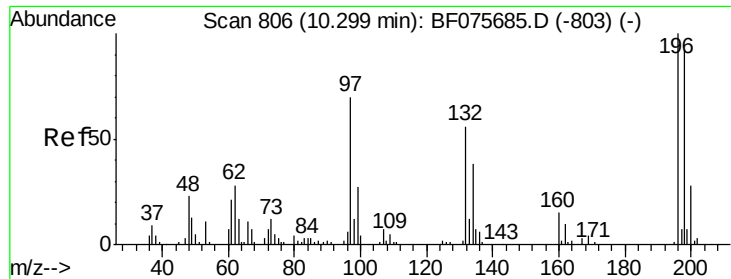


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

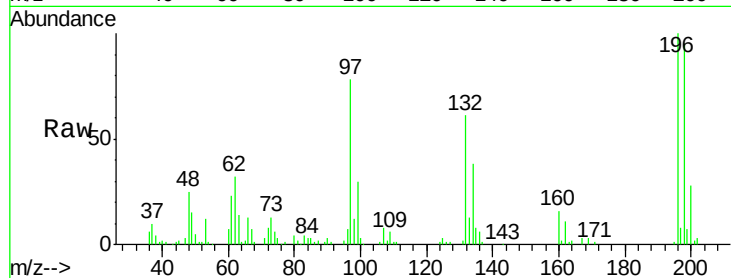




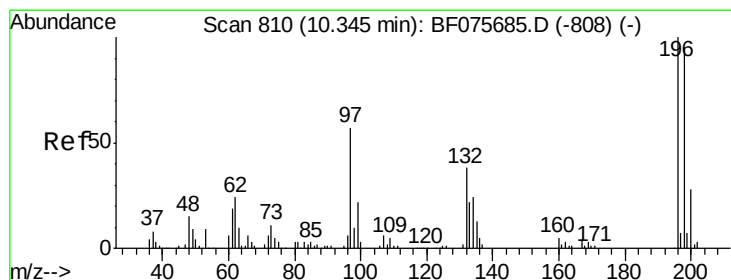
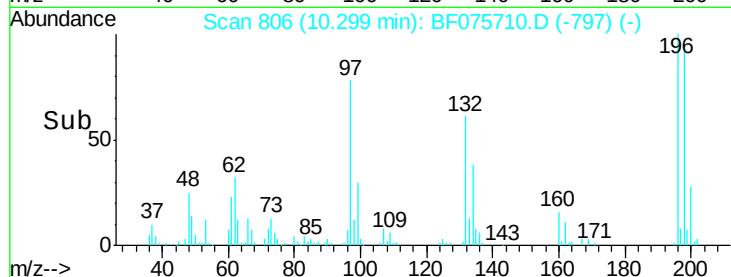
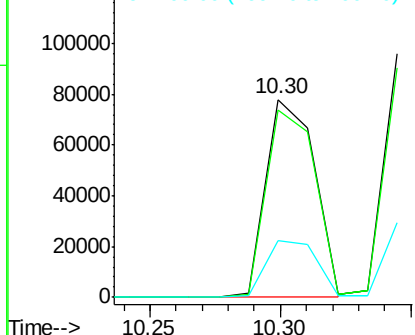
#42
2,4,6-Trichlorophenol
Concen: 38.81 ng
RT: 10.30 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:196 Resp: 101107
Ion Ratio Lower Upper
196 100
198 94.7 75.7 113.5
200 28.4 23.4 35.0

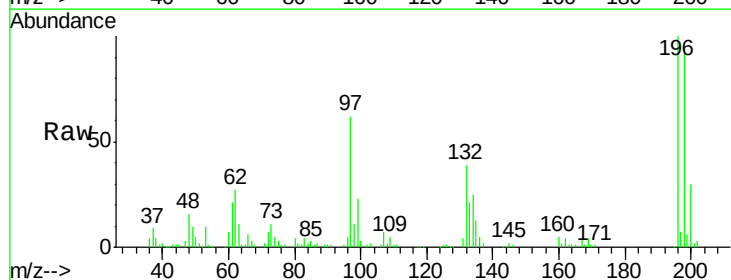


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

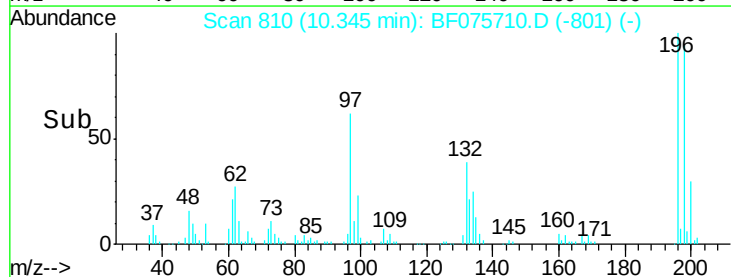
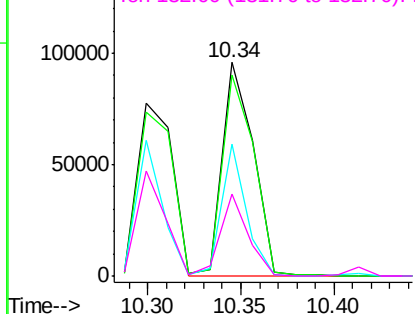


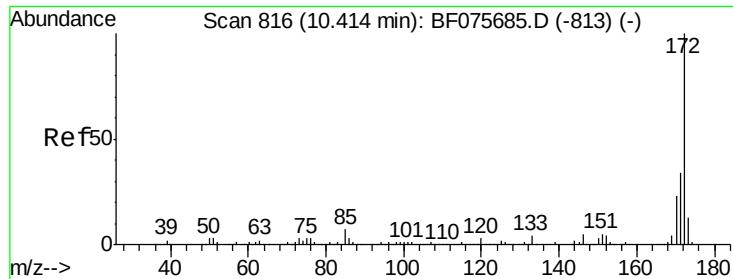
#43
2,4,5-Trichlorophenol
Concen: 39.49 ng
RT: 10.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:196 Resp: 111287
Ion Ratio Lower Upper
196 100
198 94.4 78.2 117.4
97 61.6 29.9 44.9#
132 38.7 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

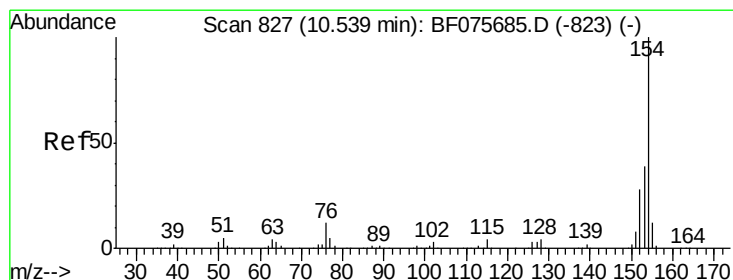
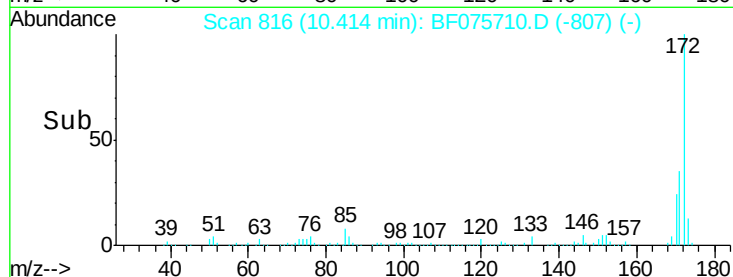
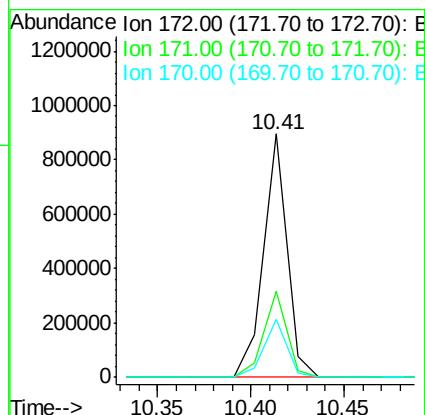
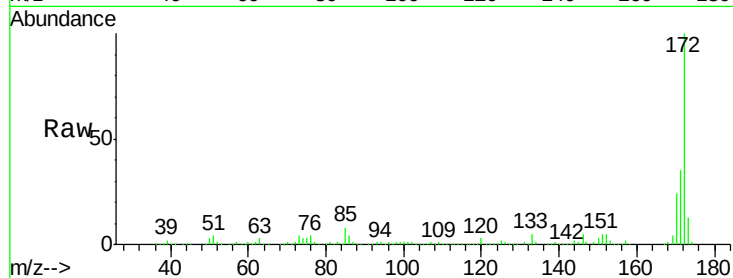




#44
 2-Fluorobiphenyl
 Concen: 81.36 ng
 RT: 10.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

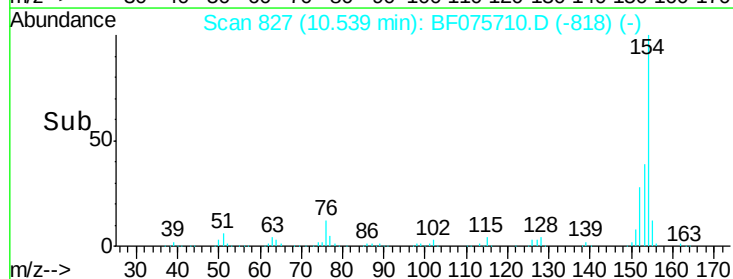
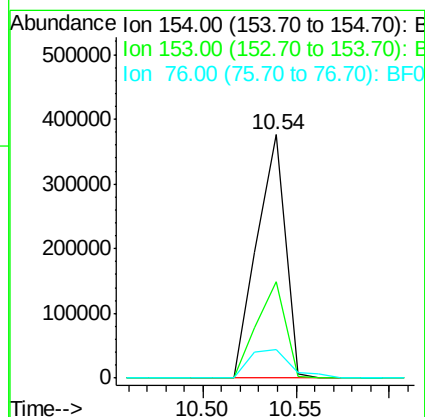
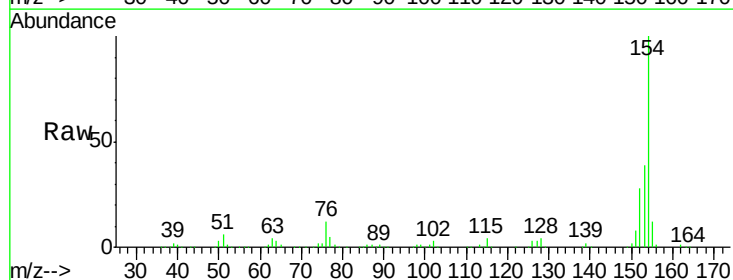
Instrument :
 BNA_F
 ClientSampleId :

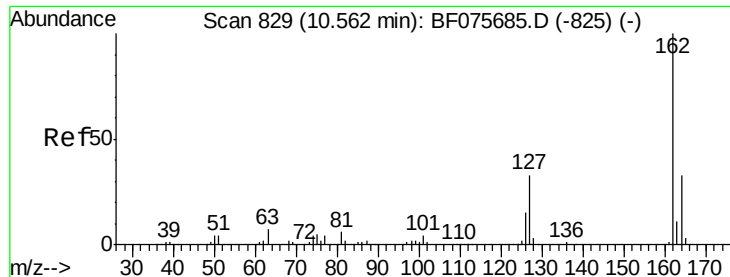
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.7	18.4	27.6



#45
 1,1'-Biphenyl
 Concen: 35.51 ng
 RT: 10.54 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.3	59.3
76	11.7	0.0	35.0

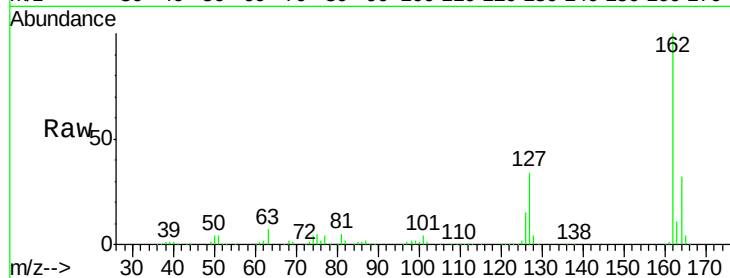




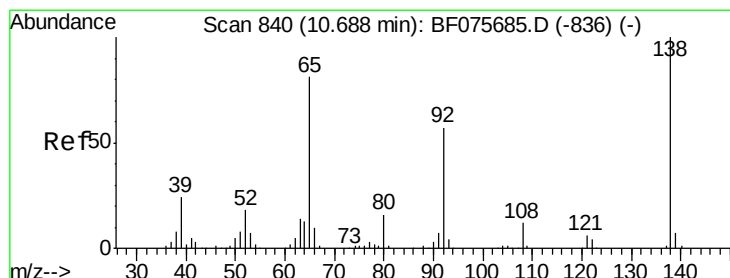
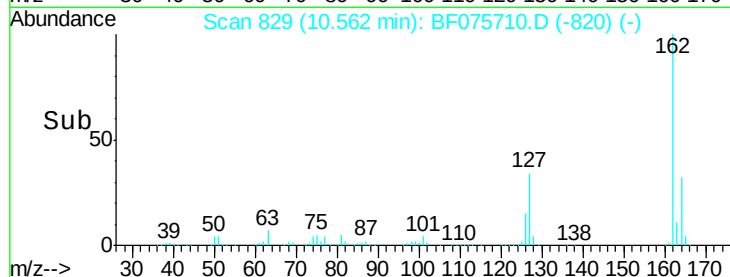
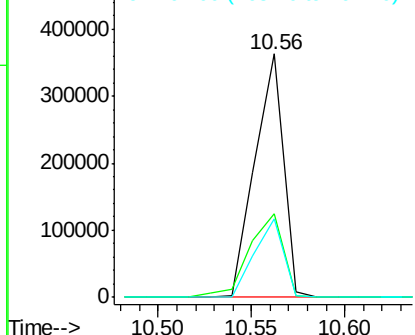
#46
2-Chloronaphthalene
Concen: 42.46 ng
RT: 10.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 383434
Ion Ratio Lower Upper
162 100
127 34.2 34.6 51.8#
164 32.0 25.1 37.7

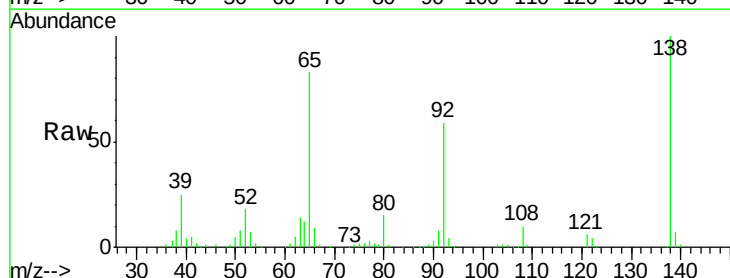


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

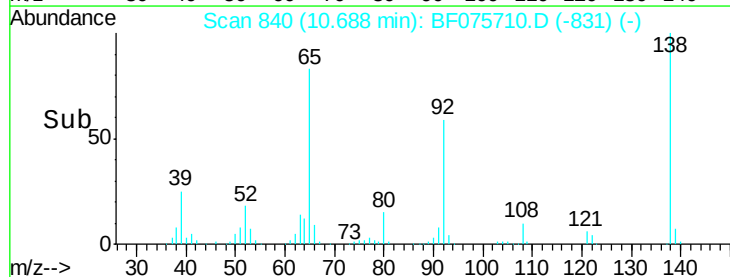
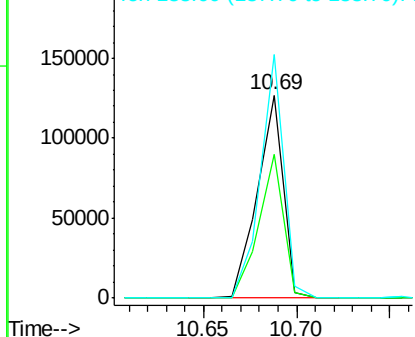


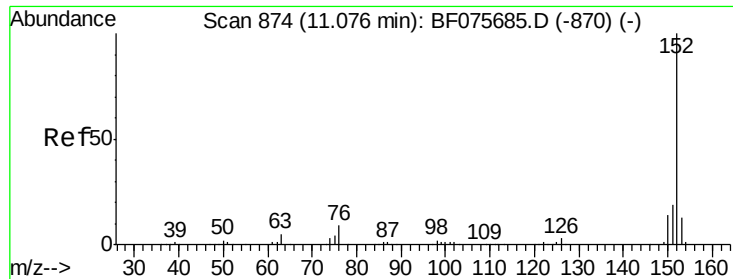
#47
2-Nitroaniline
Concen: 42.10 ng
RT: 10.69 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion: 65 Resp: 123536
Ion Ratio Lower Upper
65 100
92 70.5 46.7 70.1#
138 119.8 62.8 94.2#



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





#48

Acenaphthylene

Concen: 42.24 ng

RT: 11.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

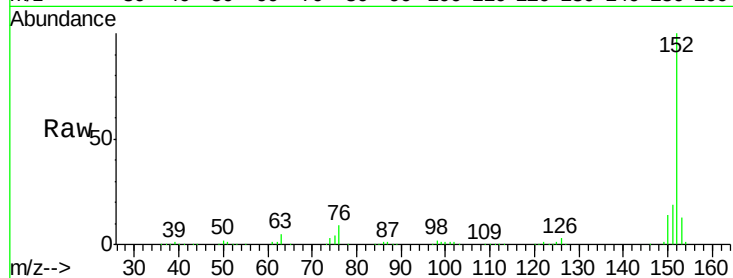
Tot Ion:152 Resp: 622381

Ion Ratio Lower Upper

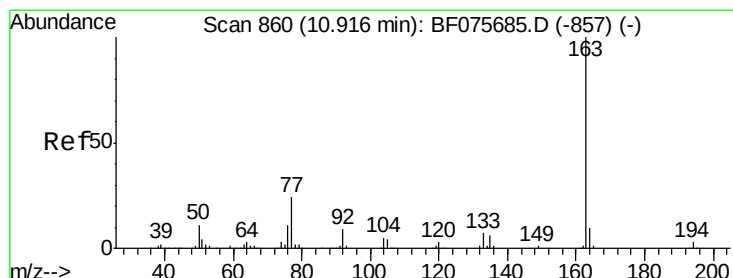
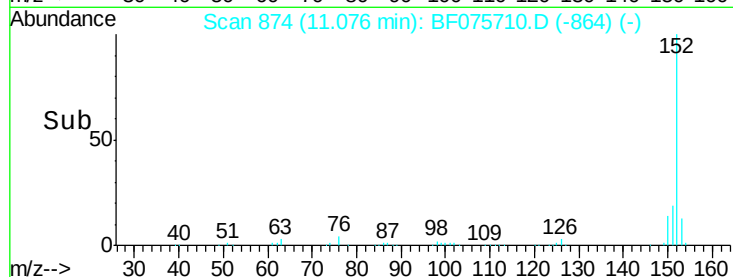
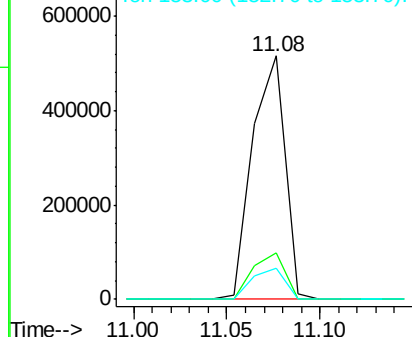
152 100

151 19.0 15.4 23.2

153 12.7 10.0 15.0



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



#49

Dimethylphthalate

Concen: 40.17 ng

RT: 10.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

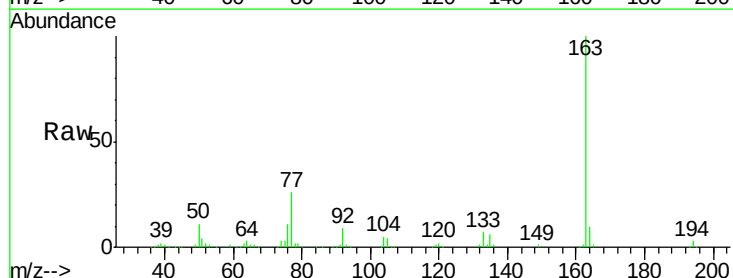
Tgt Ion:163 Resp: 436565

Ion Ratio Lower Upper

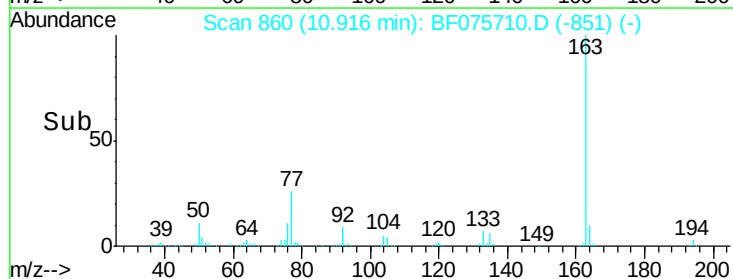
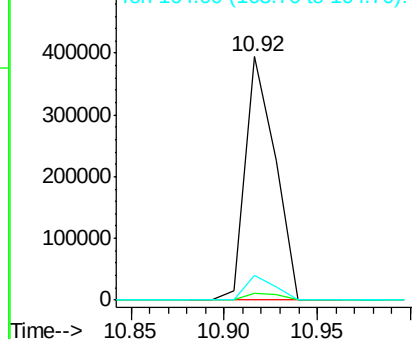
163 100

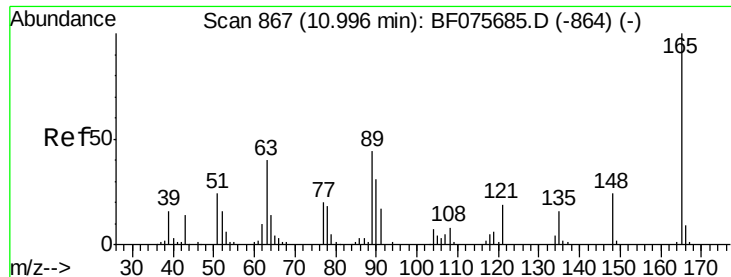
194 2.8 2.7 4.1

164 10.4 8.0 12.0



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

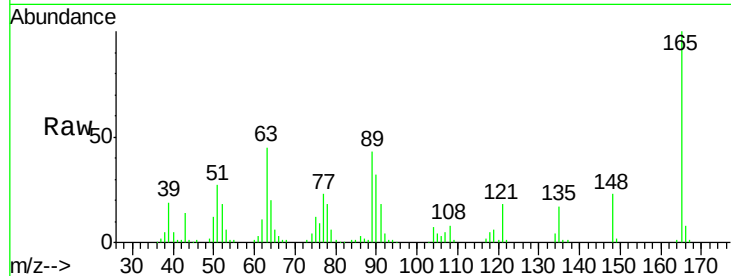




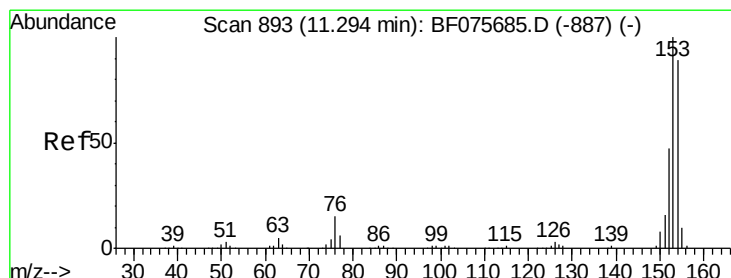
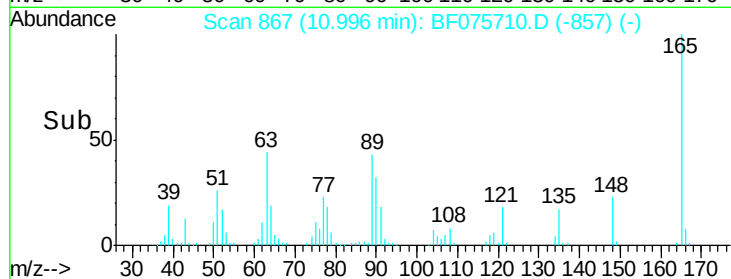
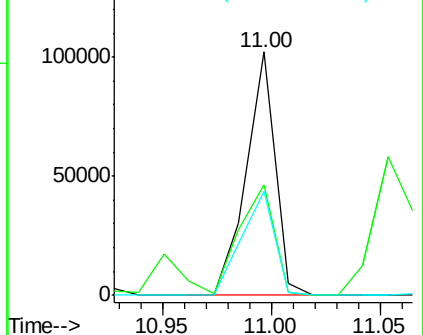
#50
 2,6-Dinitrotoluene
 Concen: 42.60 ng
 RT: 11.00 min Scan# 867
 Delta R.T. 0.01 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	61.2	91.8#
89	43.0	52.5	78.7#

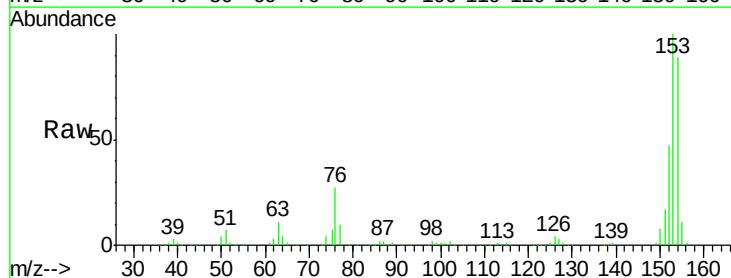


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

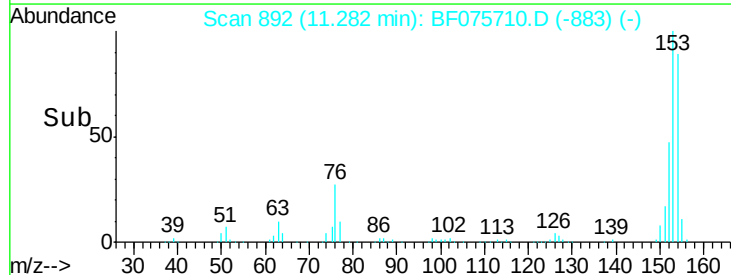
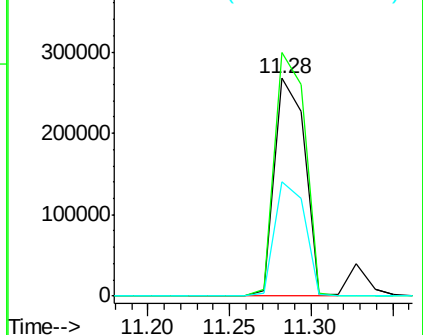


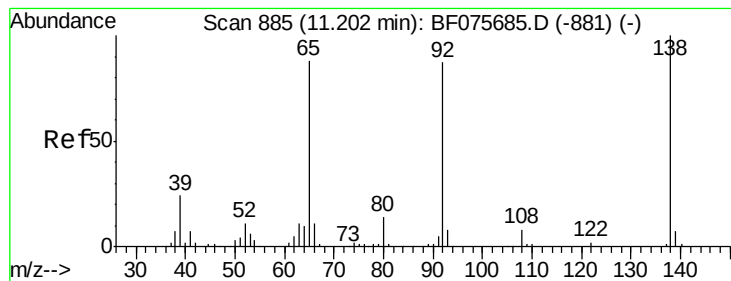
#51
 Acenaphthene
 Concen: 40.85 ng
 RT: 11.28 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.2	136.8
152	52.3	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: 29.20 ng

RT: 11.19 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampled :

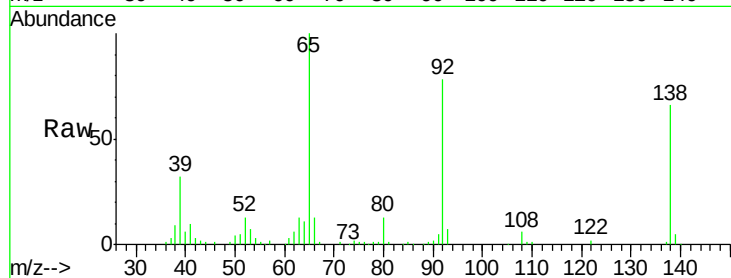
Tot Ion:138 Resp: 85741

Ion Ratio Lower Upper

138 100

108 9.6 10.2 15.2#

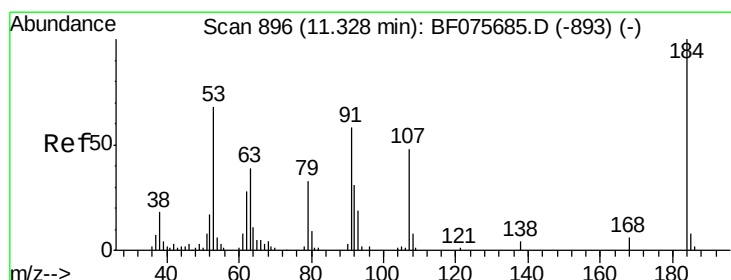
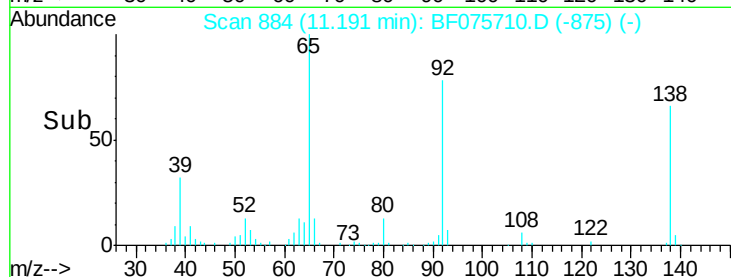
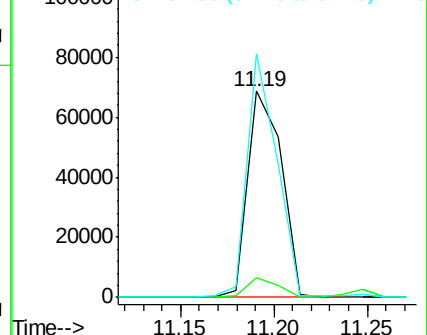
92 118.2 91.0 136.6



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: 65.65 ng

RT: 11.33 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

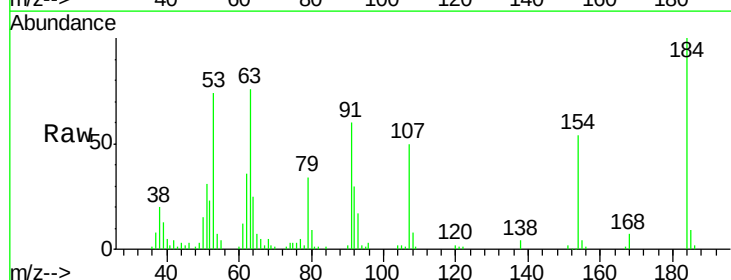
Tgt Ion:184 Resp: 67706

Ion Ratio Lower Upper

184 100

63 76.1 96.3 144.5#

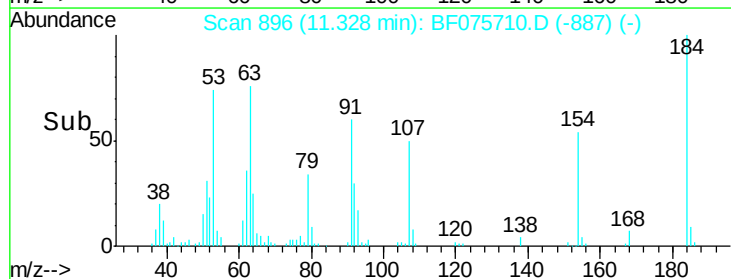
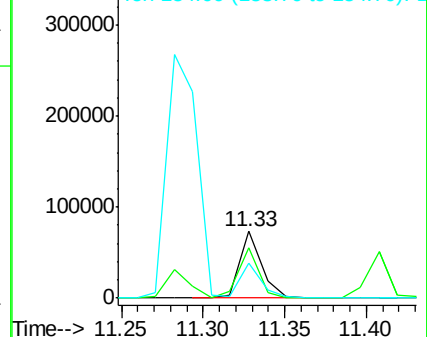
154 53.5 56.2 84.4#

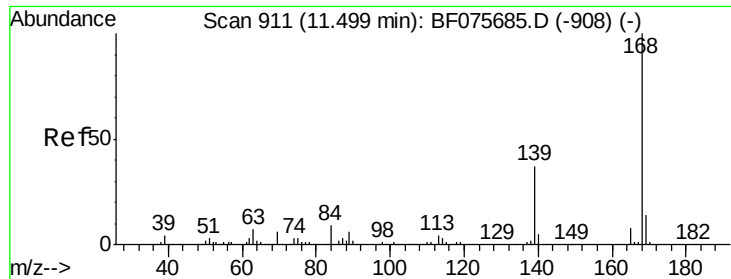


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

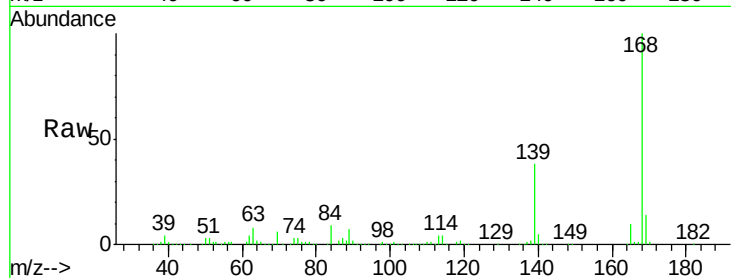




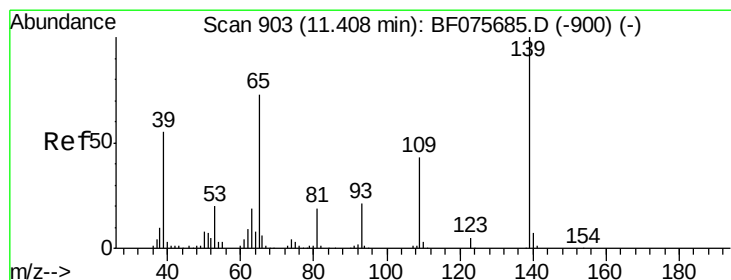
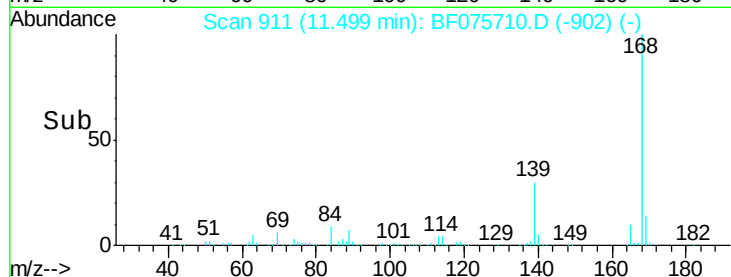
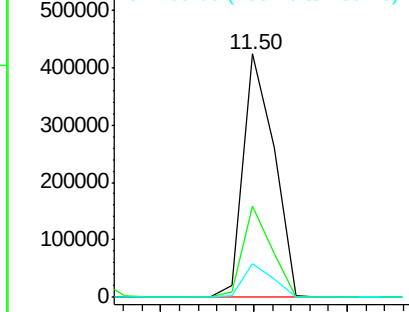
#54
Dibenzenofuran
Concen: 39.06 ng
RT: 11.50 min Scan# 911
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 485419
Ion Ratio Lower Upper
168 100
139 37.7 33.0 49.4
169 14.0 10.8 16.2

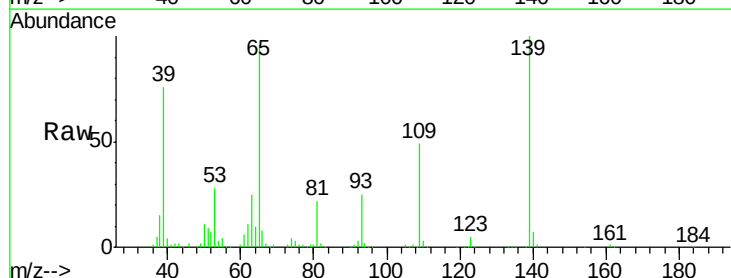


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

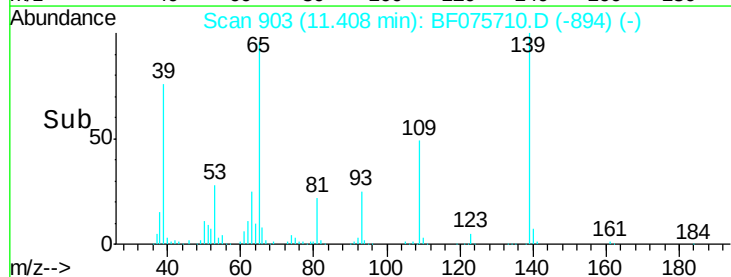
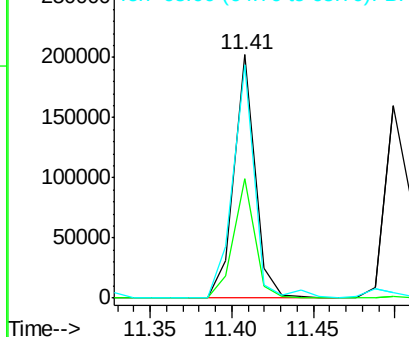


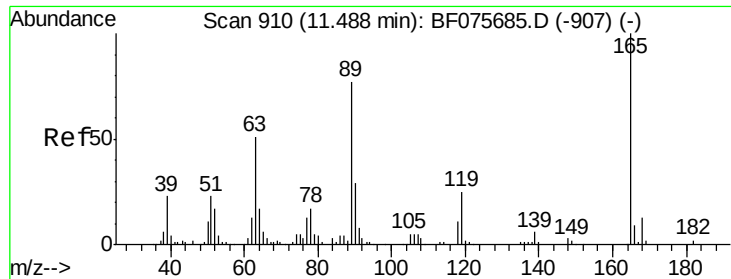
#55
4-Nitrophenol
Concen: 82.23 ng
RT: 11.41 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:139 Resp: 180245
Ion Ratio Lower Upper
139 100
109 48.9 45.8 85.8
65 95.8 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

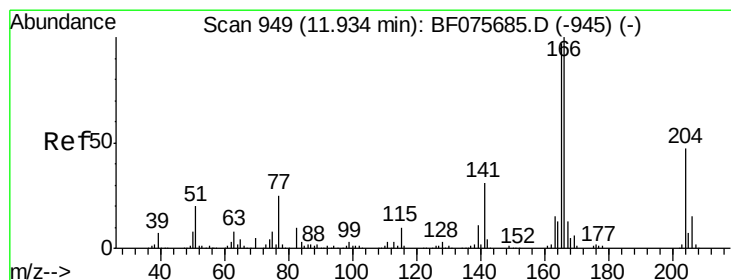
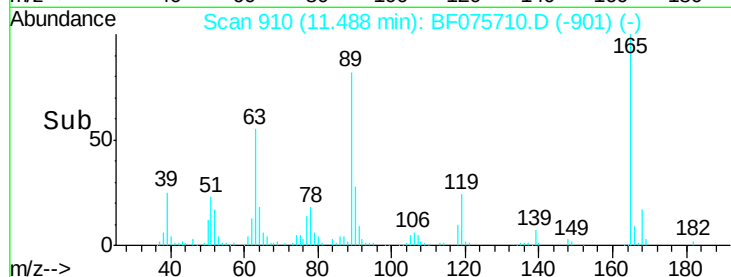
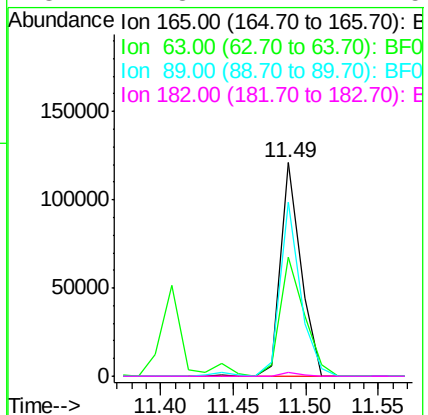
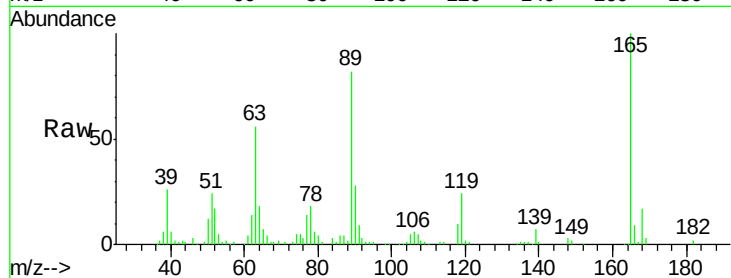




#56
2,4-Dinitrotoluene
Concen: 40.65 ng
RT: 11.49 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

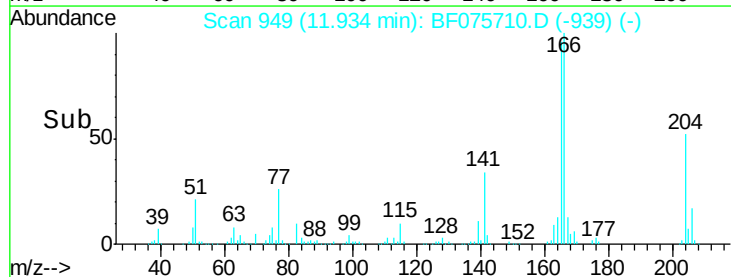
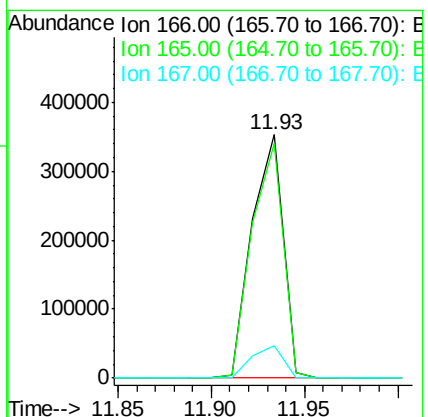
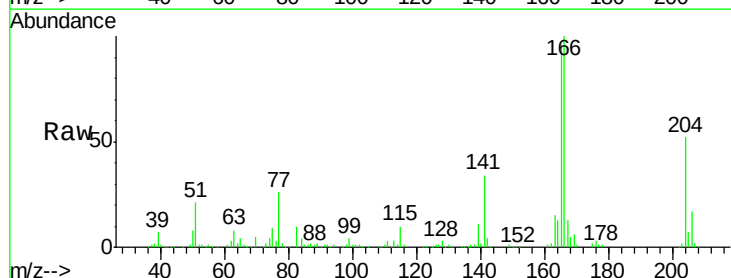
Instrument :
BNA_F
ClientSampleId :

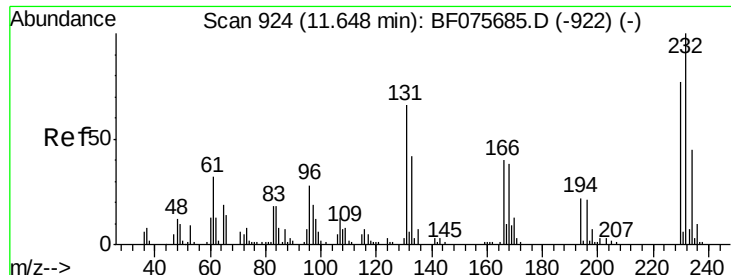
Tot Ion:165 Resp: 117684
Ion Ratio Lower Upper
165 100
63 55.6 27.0 40.6#
89 81.6 47.8 71.6#
182 1.8 1.7 2.5



#57
Fluorene
Concen: 40.73 ng
RT: 11.93 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:166 Resp: 408643
Ion Ratio Lower Upper
166 100
165 96.4 78.8 118.2
167 13.1 10.6 15.8

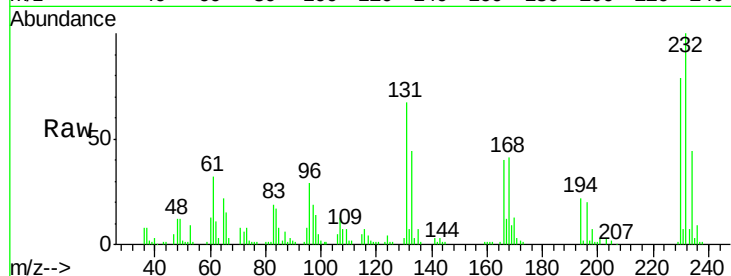




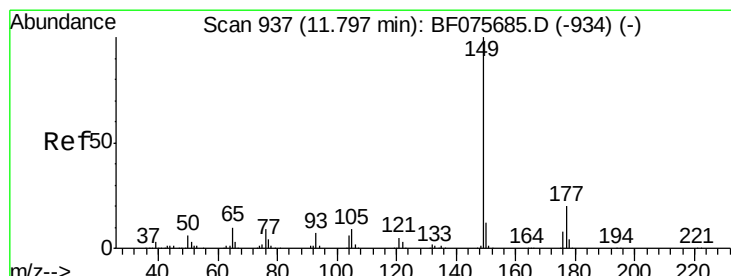
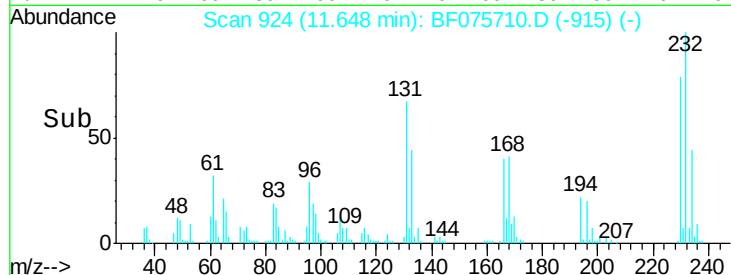
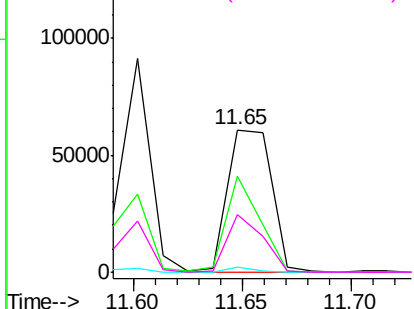
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.91 ng
 RT: 11.65 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 85488
 Ion Ratio Lower Upper
 232 100
 131 51.0 44.6 67.0
 130 2.3 2.5 3.7#
 166 32.9 29.3 43.9

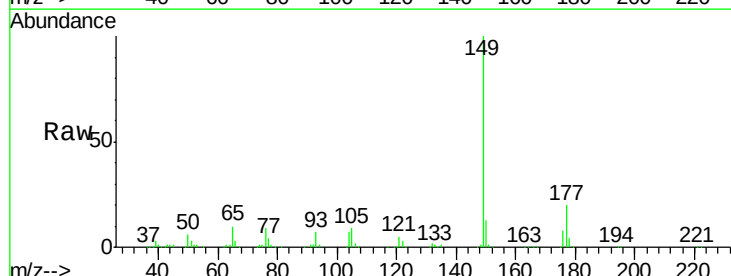


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

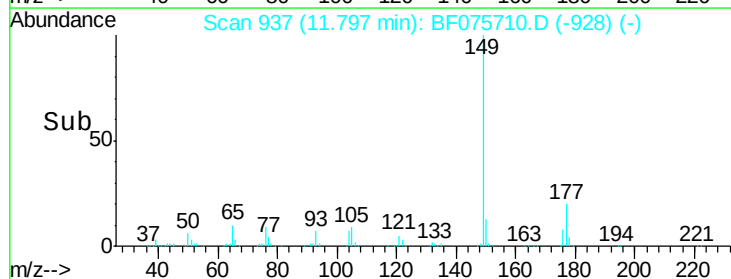
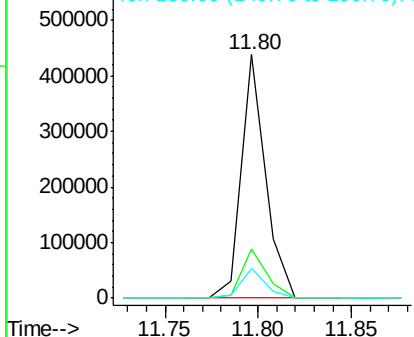


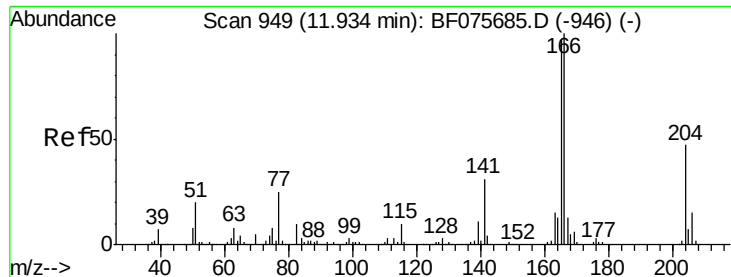
#59
 Diethylphthalate
 Concen: 38.51 ng
 RT: 11.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Tgt Ion:149 Resp: 394958
 Ion Ratio Lower Upper
 149 100
 177 20.3 15.8 23.8
 150 12.5 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

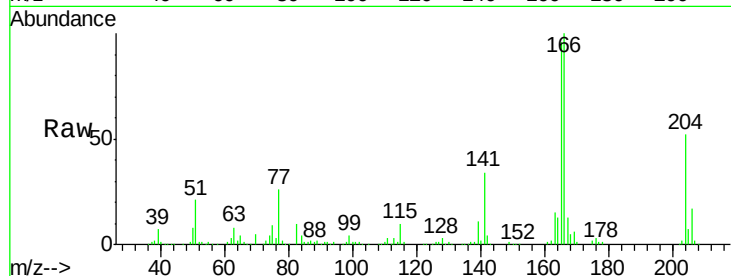




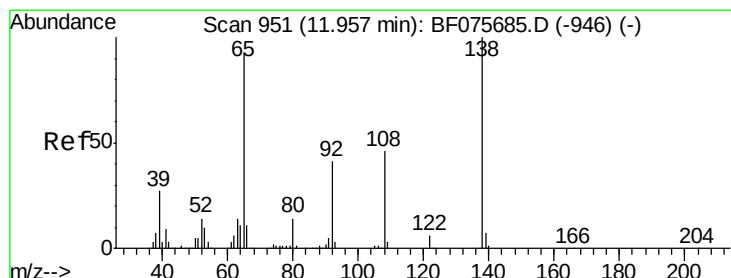
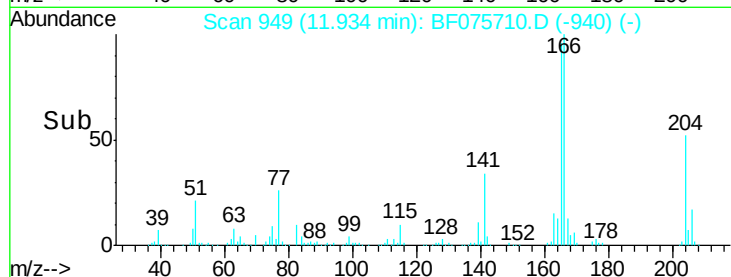
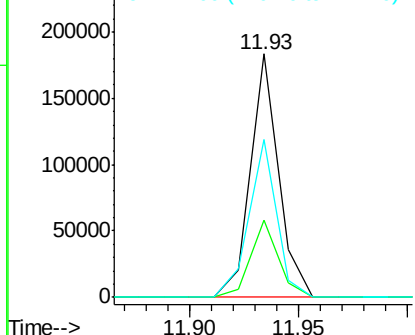
#60
4-Chlorophenyl-phenylether
Concen: 41.04 ng
RT: 11.93 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 164417
Ion Ratio Lower Upper
204 100
206 31.8 25.1 37.7
141 64.8 58.6 87.8

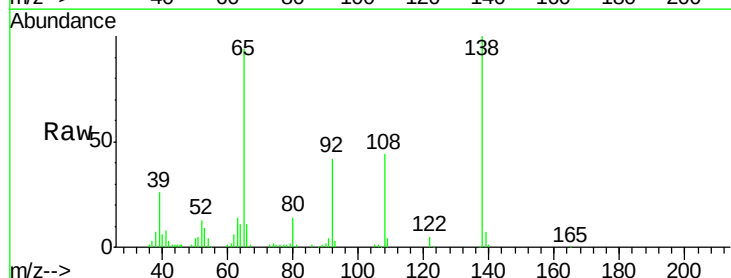


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

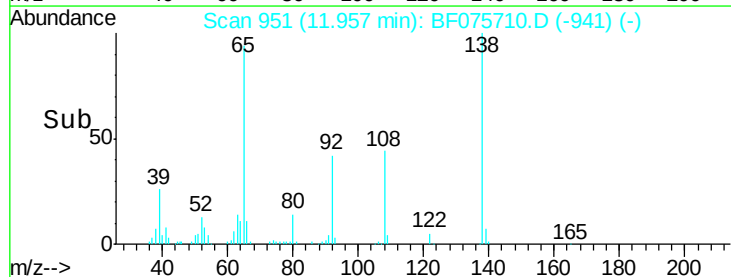
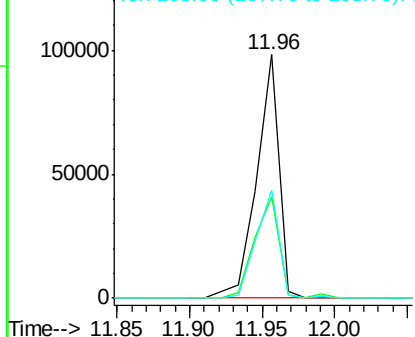


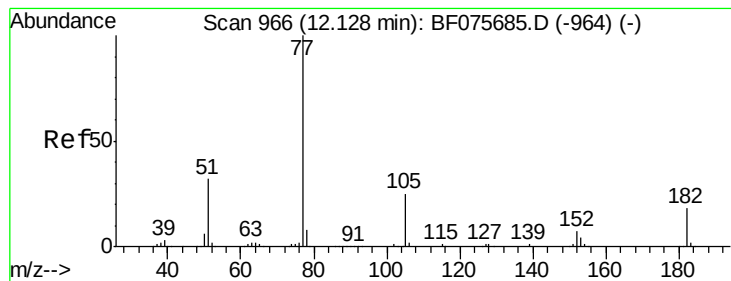
#61
4-Nitroaniline
Concen: 37.31 ng
RT: 11.96 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:138 Resp: 104494
Ion Ratio Lower Upper
138 100
92 41.9 34.8 74.8
108 44.4 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: 41.27 ng

RT: 12.13 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 419825

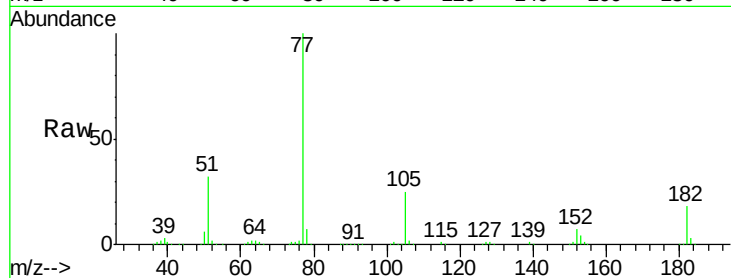
Ion Ratio Lower Upper

77 100

182 18.0 0.0 37.1

105 24.7 3.7 43.7

51 32.0 18.7 58.7

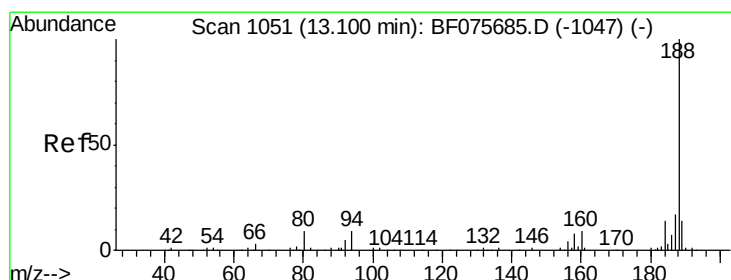
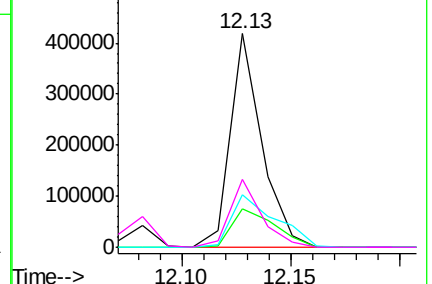
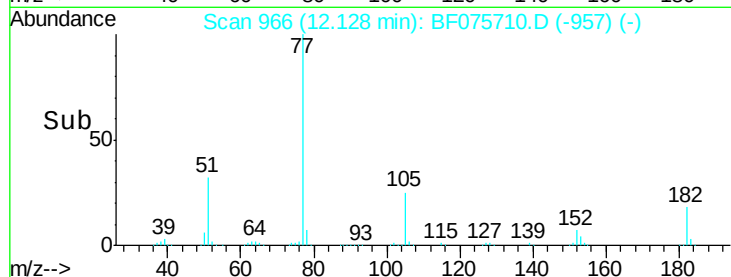


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.10 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

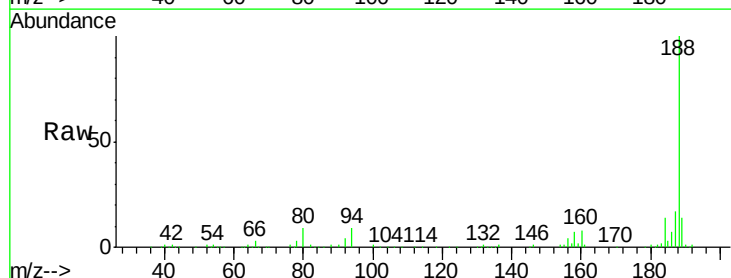
Tgt Ion: 188 Resp: 240354

Ion Ratio Lower Upper

188 100

94 8.7 7.8 11.6

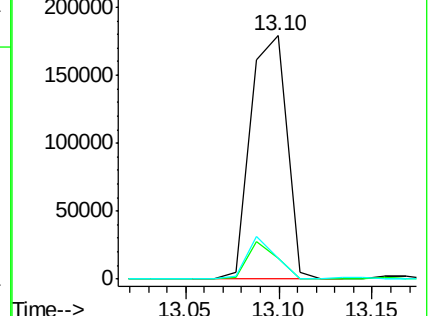
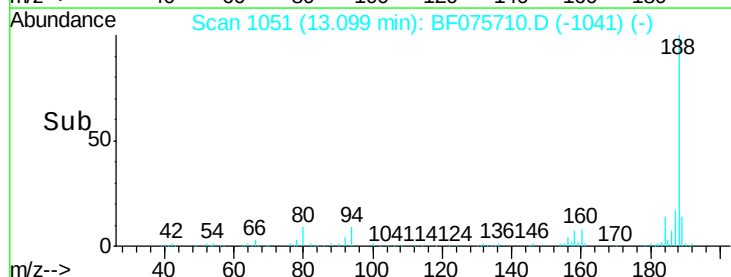
80 8.8 8.0 12.0

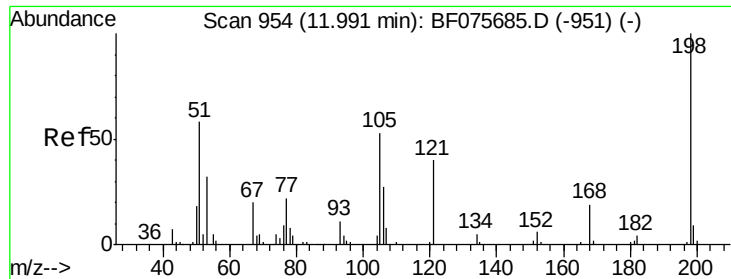


Abundance Ion 188.00 (187.70 to 188.70): E

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: 33.17 ng

RT: 11.99 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

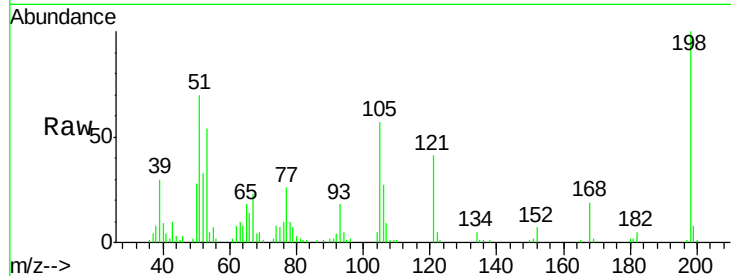
Tot Ion:198 Resp: 45147

Ion Ratio Lower Upper

198 100

51 69.8 26.0 66.0#

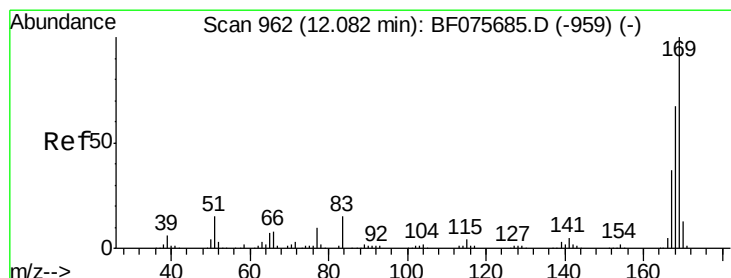
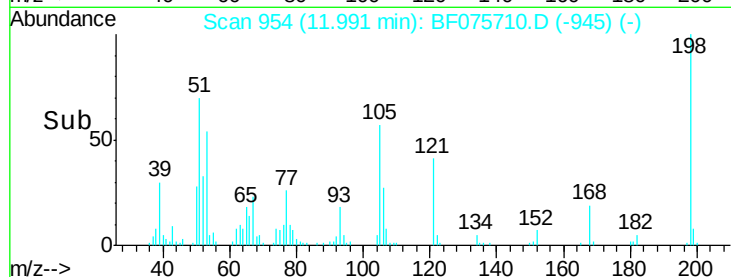
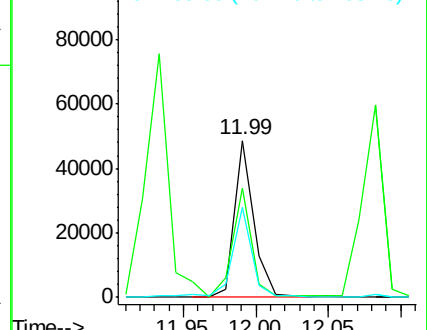
105 57.2 24.2 64.2



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: 38.97 ng

RT: 12.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

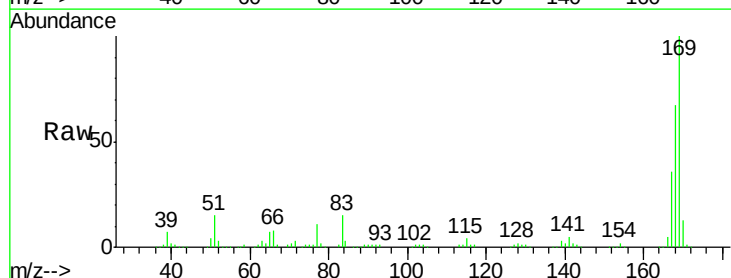
Tgt Ion:169 Resp: 339665

Ion Ratio Lower Upper

169 100

168 67.1 53.5 80.3

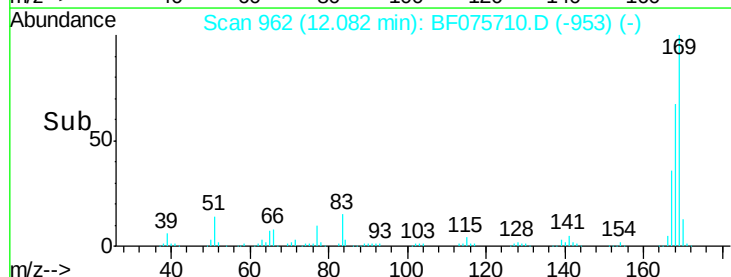
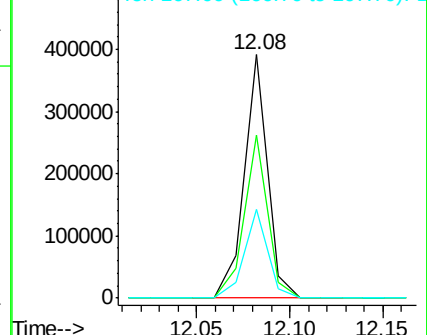
167 36.4 29.8 44.6

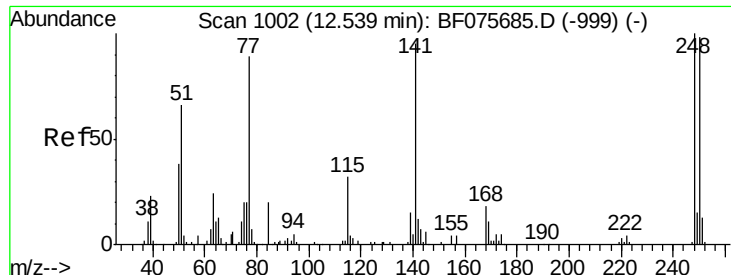


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

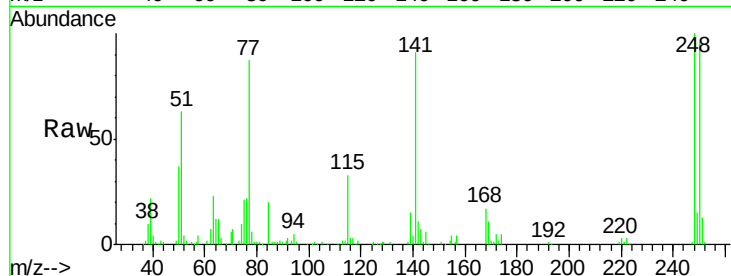




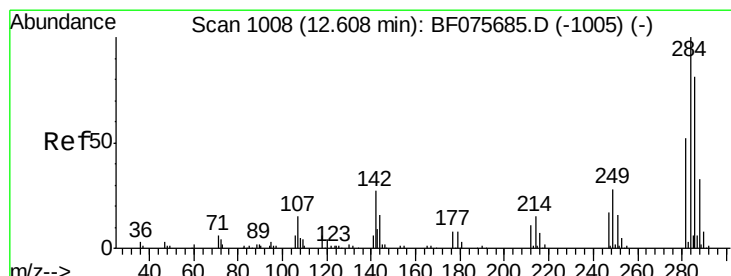
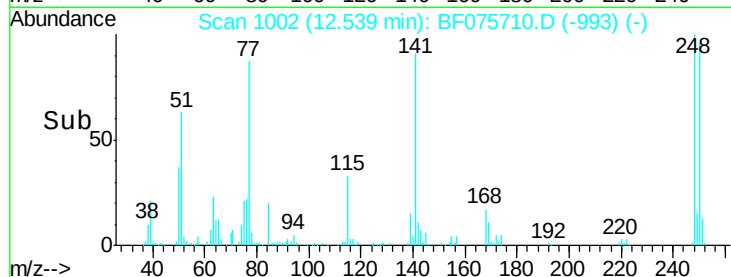
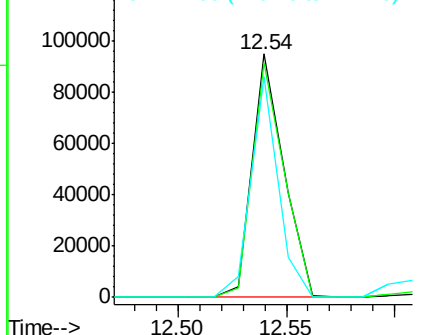
#66
4-Bromophenyl-phenylether
Concen: 39.50 ng
RT: 12.54 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 95854
Ion Ratio Lower Upper
248 100
250 96.2 76.3 114.5
141 90.6 44.3 66.5#

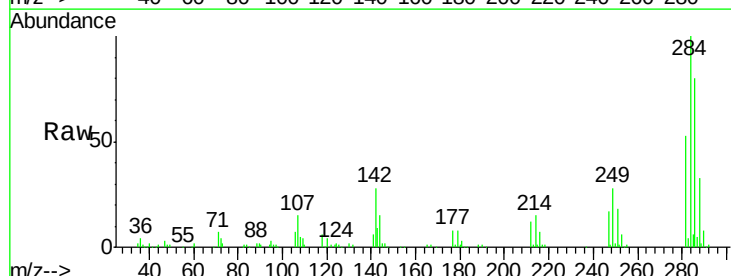


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

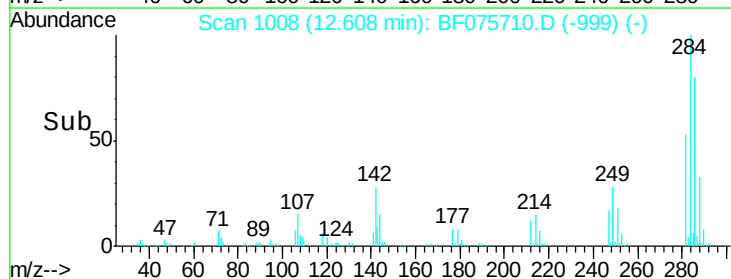
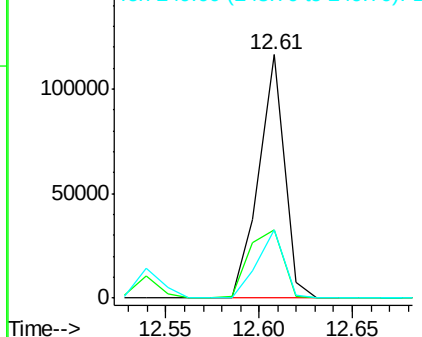


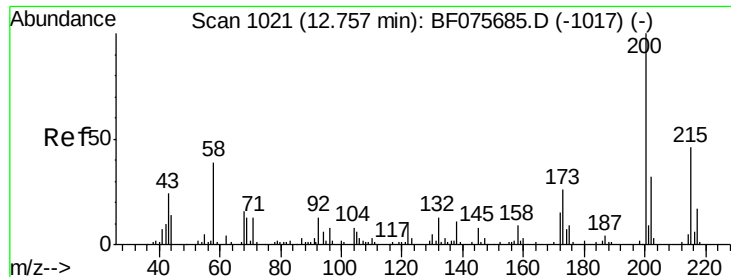
#67
Hexachlorobenzene
Concen: 40.82 ng
RT: 12.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:284 Resp: 111313
Ion Ratio Lower Upper
284 100
142 28.1 28.7 43.1#
249 28.0 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

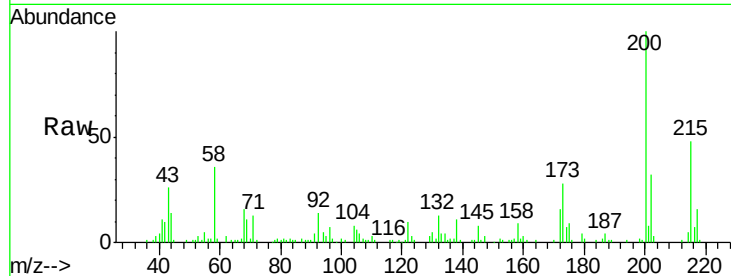




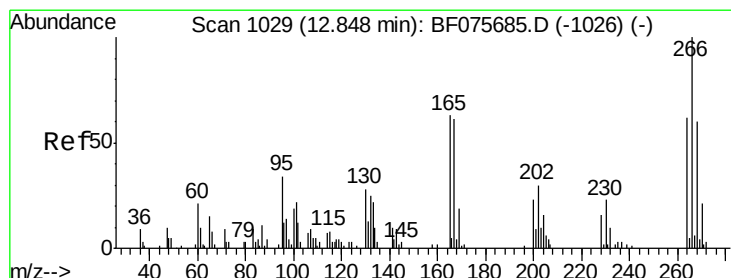
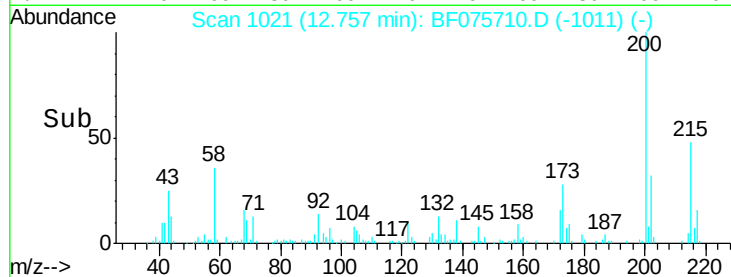
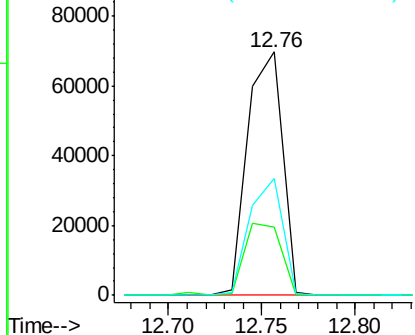
#68
Atrazine
Concen: 36.85 ng
RT: 12.76 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	12.3	52.3
215	48.1	23.8	63.8

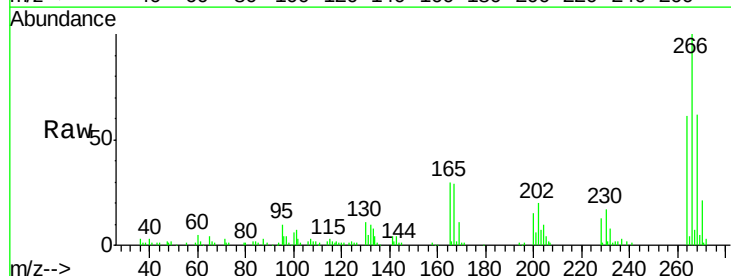


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

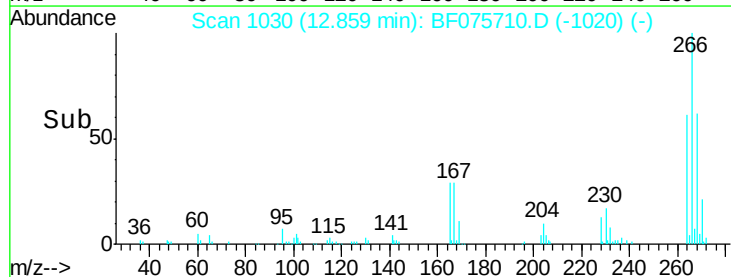
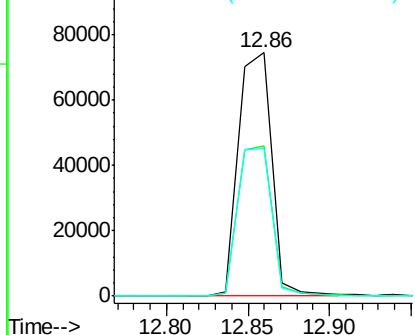


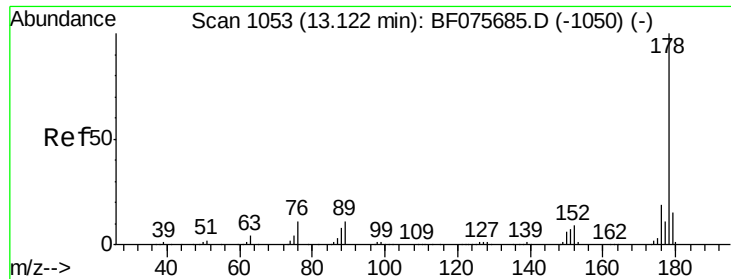
#69
Pentachlorophenol
Concen: 71.22 ng
RT: 12.86 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	48.6	73.0
264	60.8	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: 40.80 ng

RT: 13.12 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

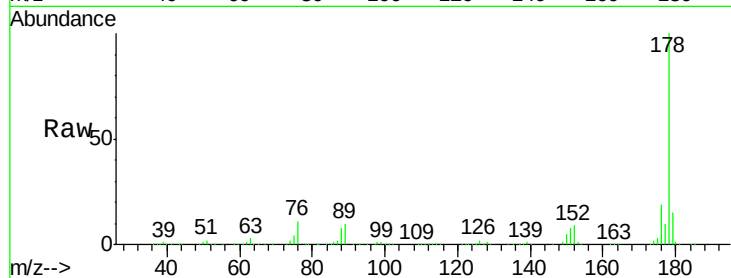
Tot Ion:178 Resp: 596906

Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

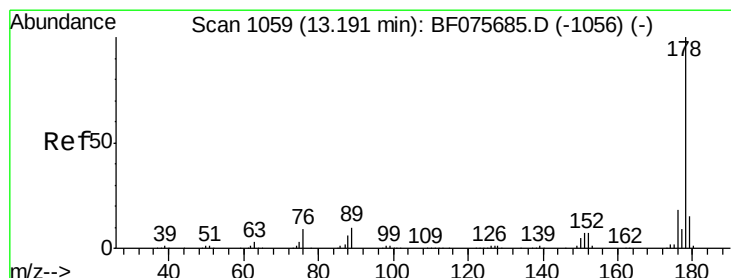
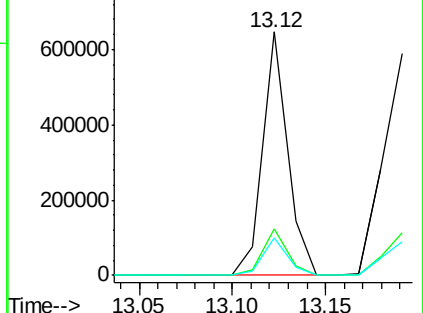
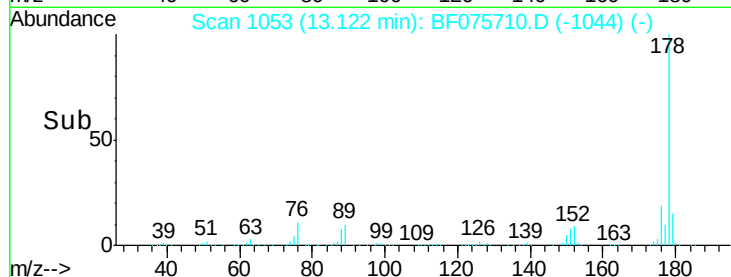
179 15.5 12.2 18.4



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: 40.59 ng

RT: 13.19 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

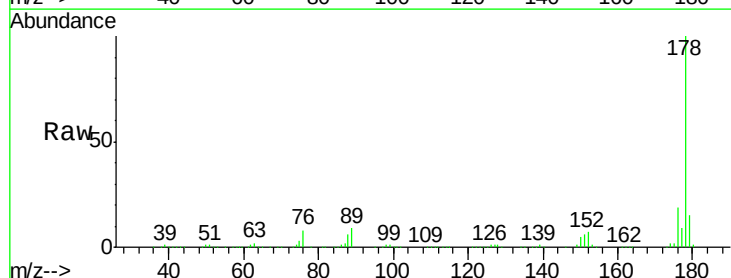
Tgt Ion:178 Resp: 615431

Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

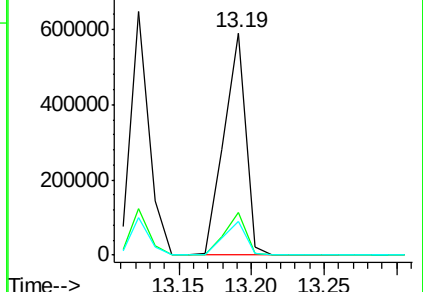
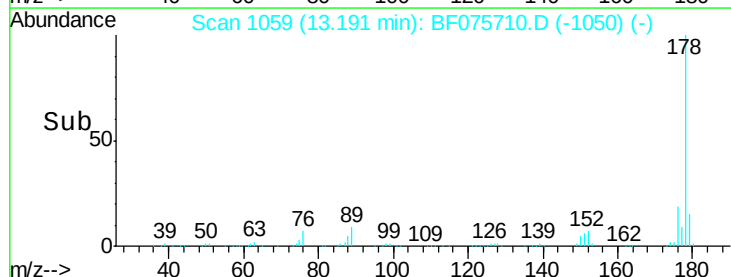
179 15.4 12.2 18.2

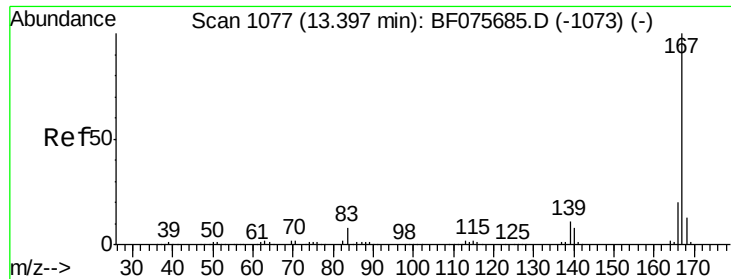


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 38.79 ng

RT: 13.40 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

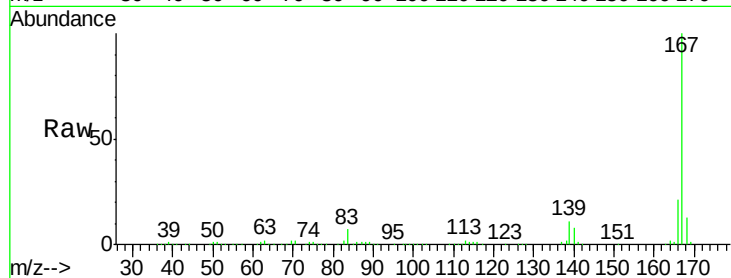
Tot Ion:167 Resp: 583314

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

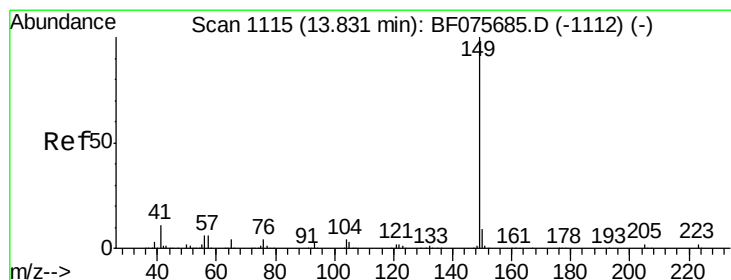
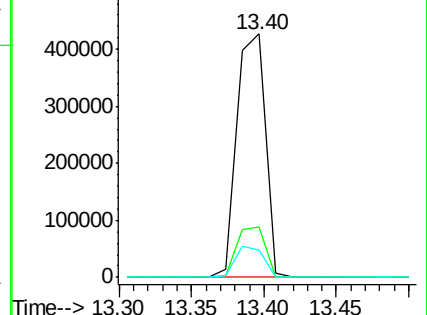
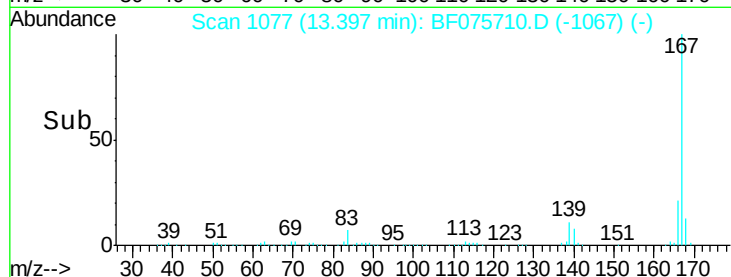
139 11.2 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 37.61 ng

RT: 13.83 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

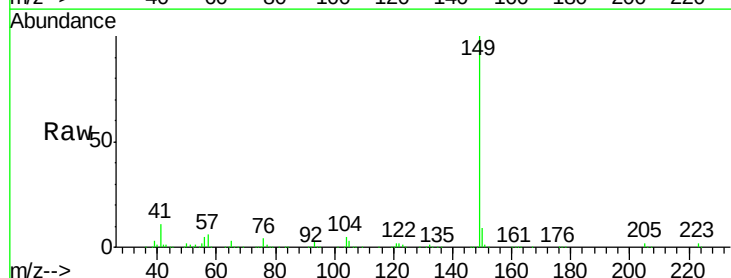
Tgt Ion:149 Resp: 628401

Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

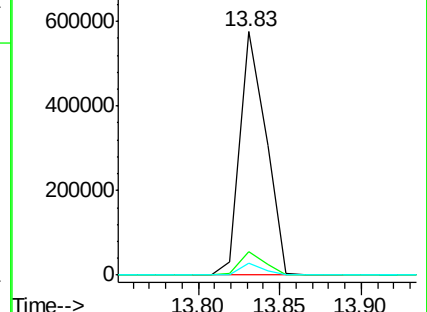
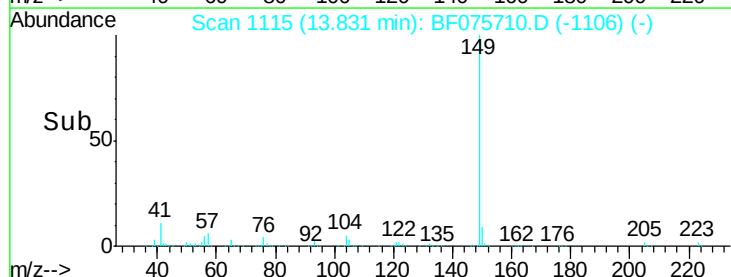
104 4.8 3.1 4.7#

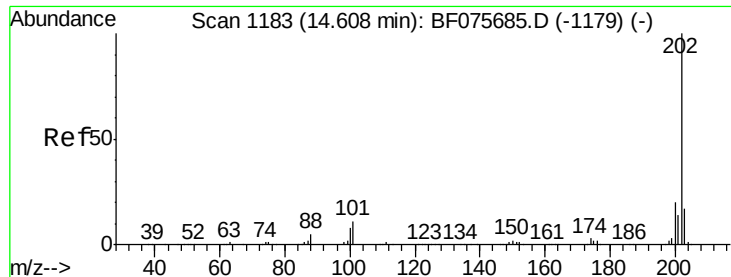


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

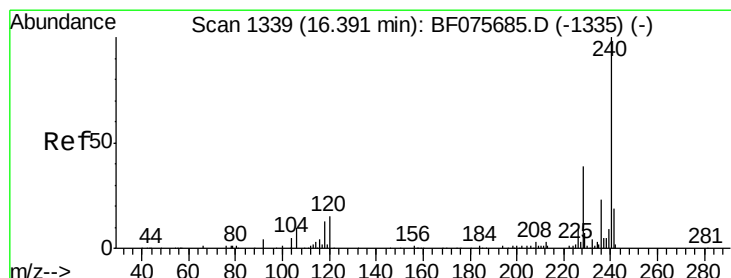
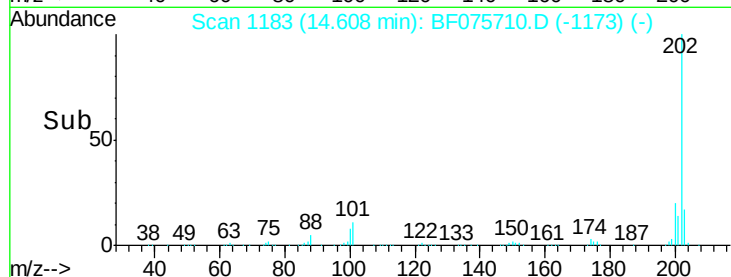
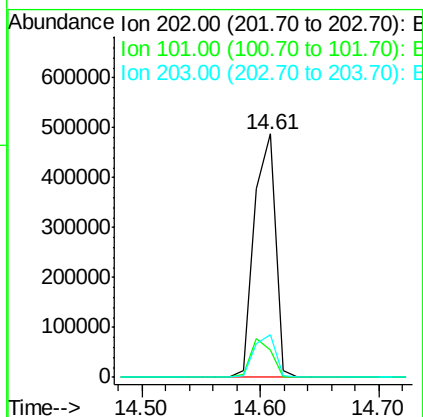
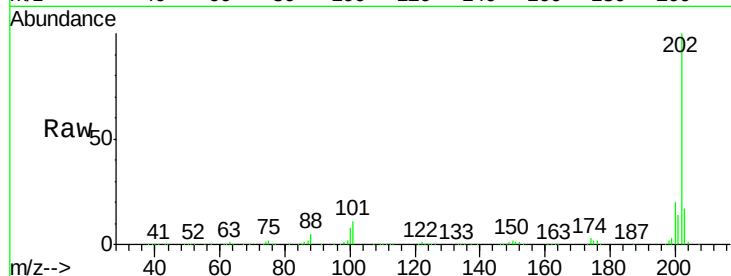




#74
 Fluoranthene
 Concen: 40.78 ng
 RT: 14.61 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

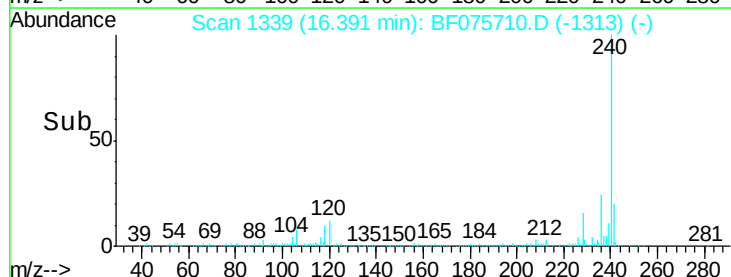
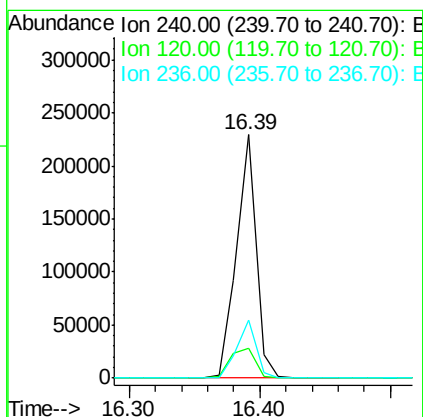
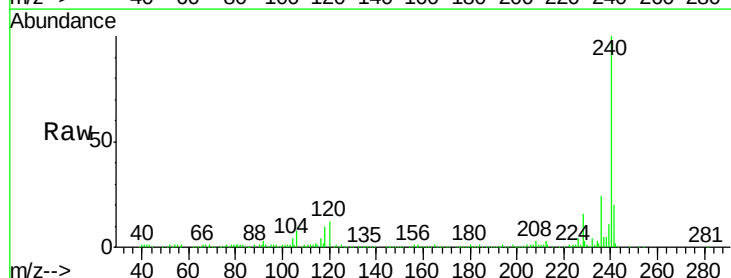
Instrument :
 BNA_F
 ClientSampleId :

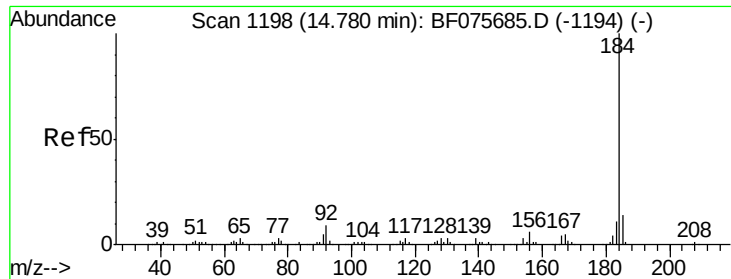
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	36.6
203	17.5	0.0	38.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF075710.D
 Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.6	14.4
236	24.0	18.9	28.3





#76

Benzidine

Concen: 20.21 ng

RT: 14.78 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

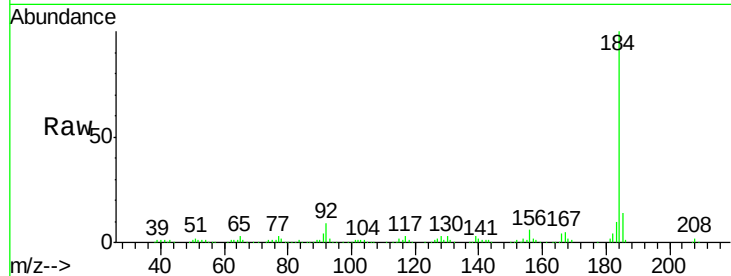
Tot Ion:184 Resp: 205744

Ion Ratio Lower Upper

184 100

185 14.2 10.9 16.3

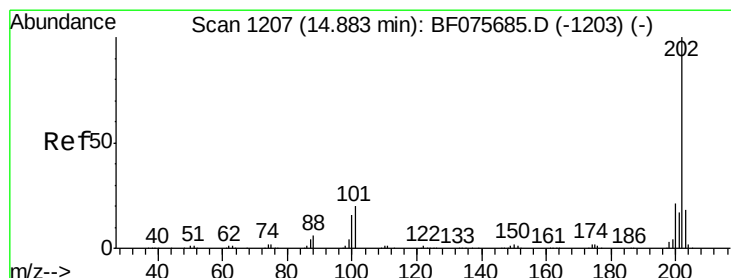
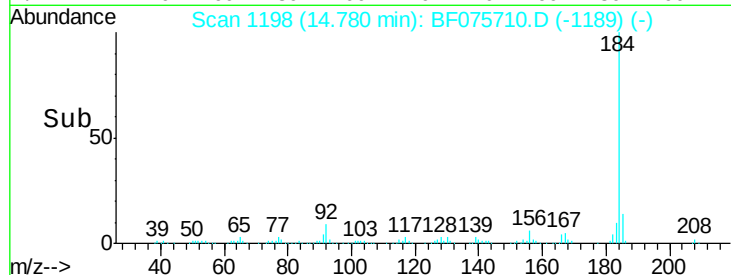
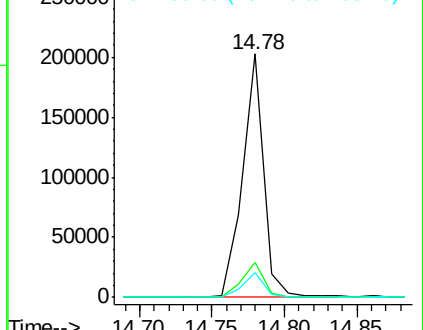
183 10.2 8.7 13.1



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

Pyrene

Concen: 39.99 ng

RT: 14.88 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

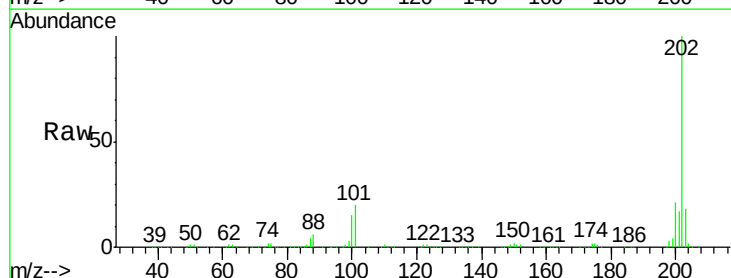
Tgt Ion:202 Resp: 644186

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

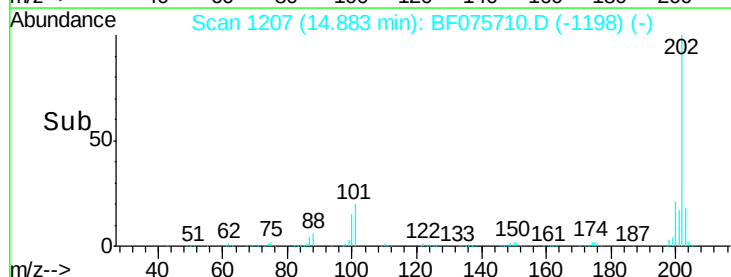
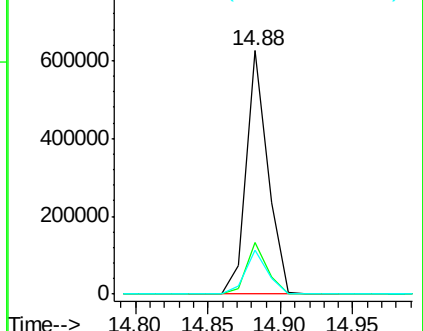
203 18.3 14.3 21.5

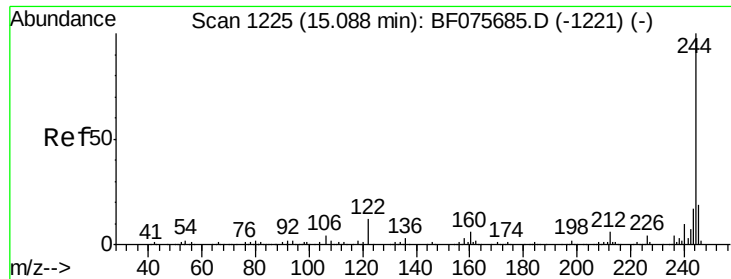


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 72.96 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampled :

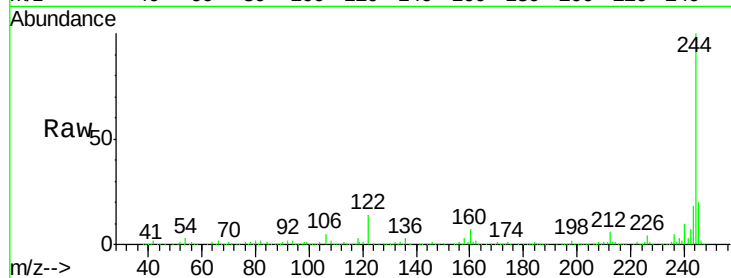
Tot Ion:244 Resp: 699087

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

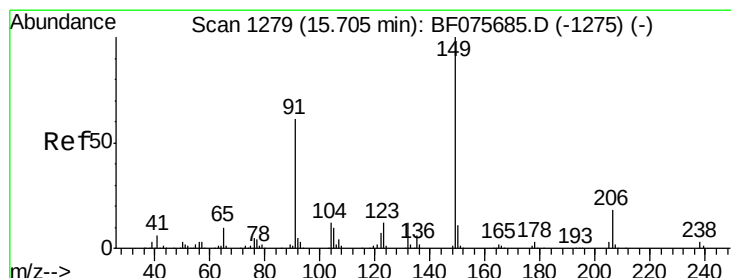
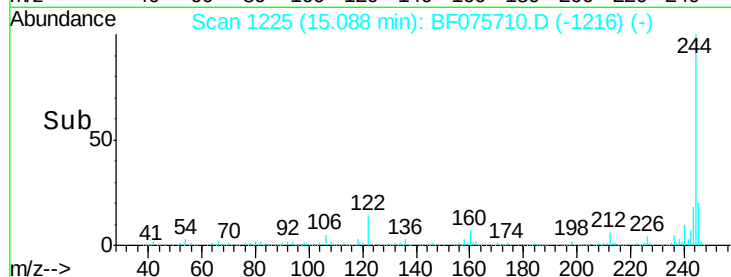
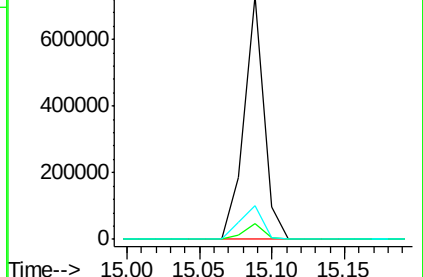
122 14.0 9.7 14.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 40.93 ng

RT: 15.71 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

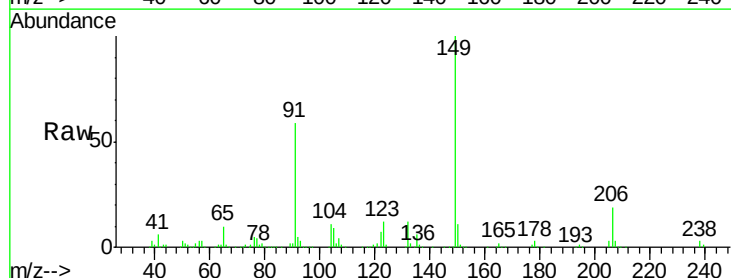
Tgt Ion:149 Resp: 289068

Ion Ratio Lower Upper

149 100

91 58.5 49.0 73.4

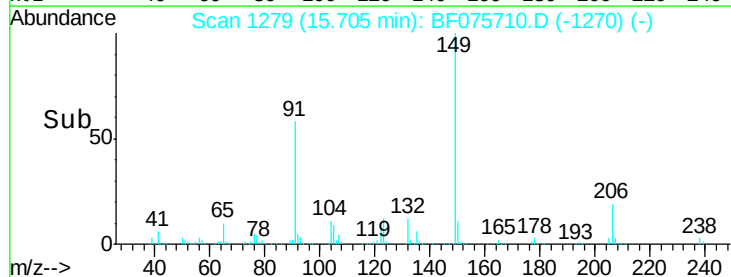
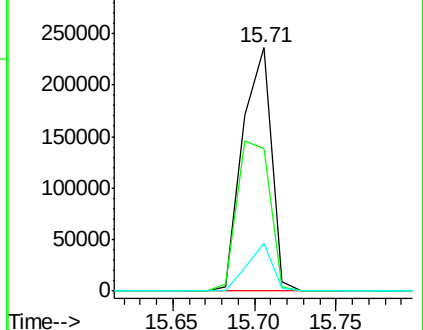
206 19.5 15.5 23.3

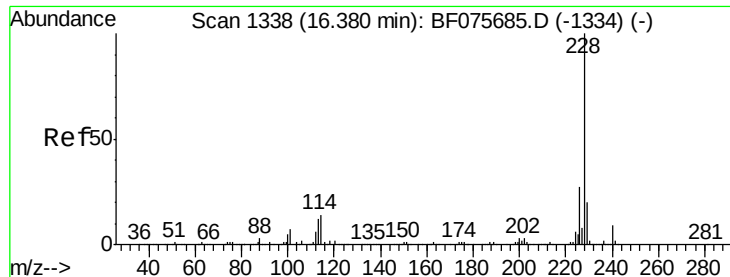


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 41.33 ng

RT: 16.38 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

Instrument :

BNA_F

ClientSampleId :

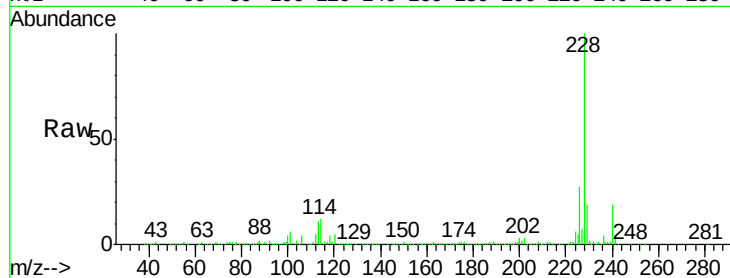
Tot Ion:228 Resp: 577284

Ion Ratio Lower Upper

228 100

226 26.5 21.8 32.8

229 19.4 15.3 22.9



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

600000

500000

400000

300000

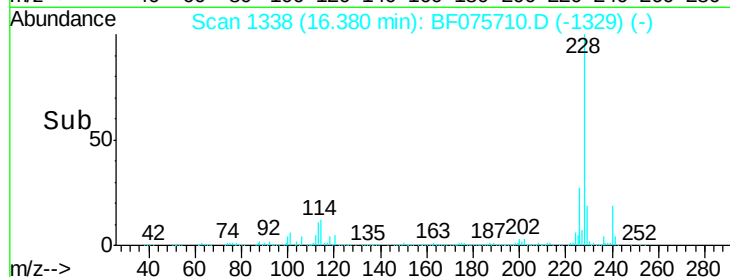
200000

100000

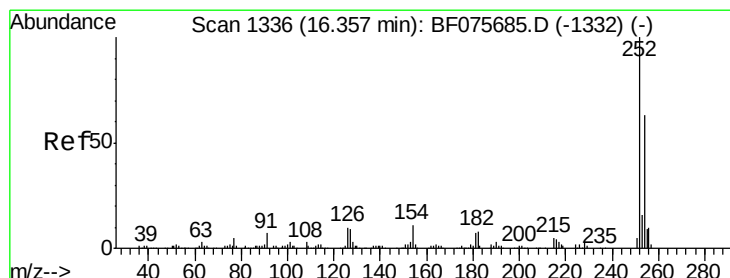
0

16.30 16.35 16.40

16.38



Time-->



#81

3,3'-Dichlorobenzidine

Concen: 30.50 ng

RT: 16.35 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF075710.D

Acq: 20 Nov 2014 14:21

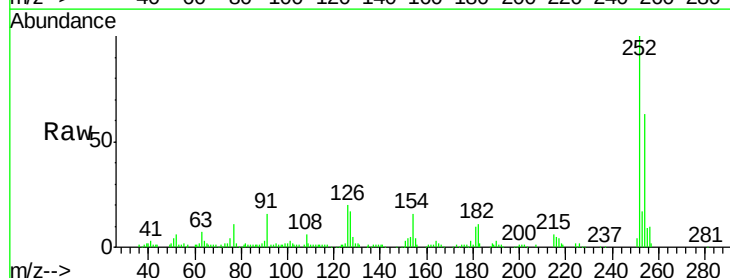
Tgt Ion:252 Resp: 150614

Ion Ratio Lower Upper

252 100

254 62.9 50.0 75.0

126 19.5 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

150000

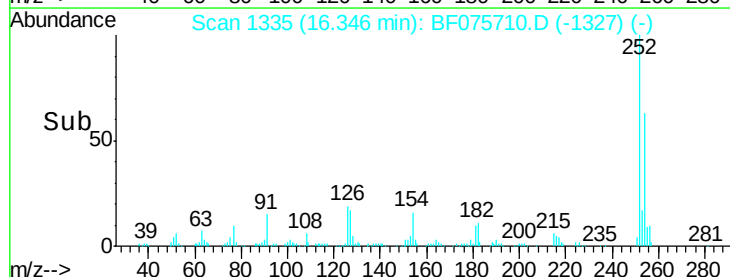
100000

50000

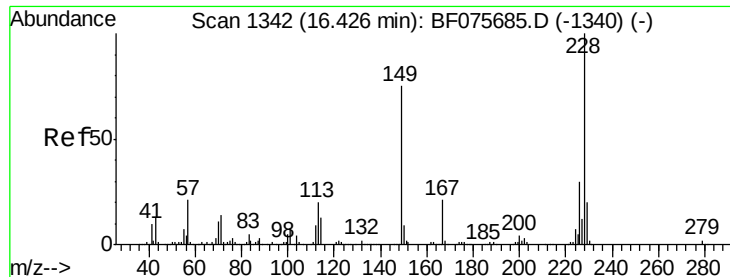
0

16.30 16.35 16.40

16.35



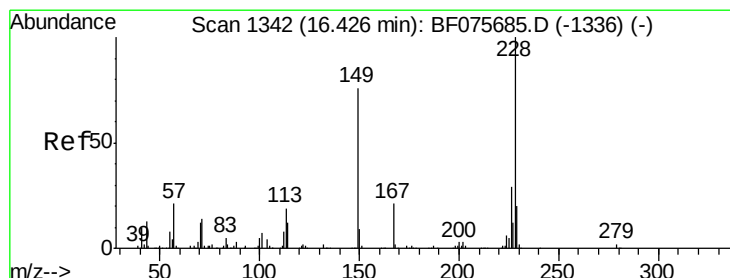
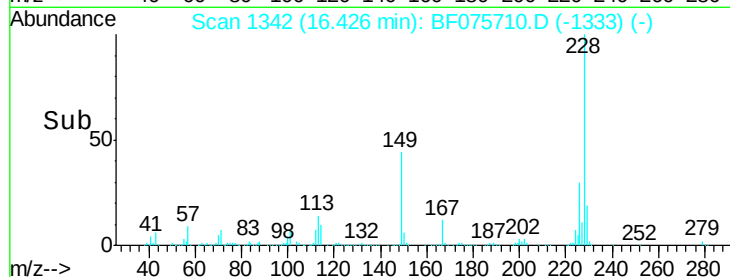
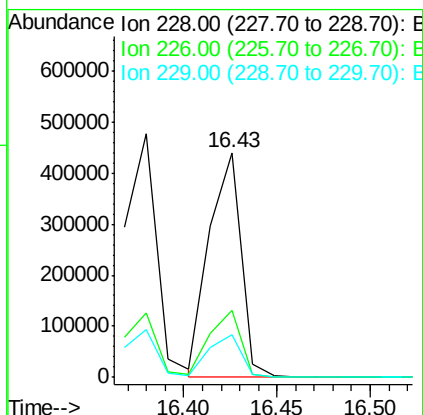
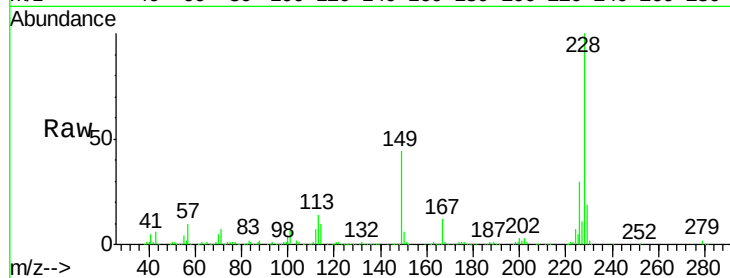
Time-->



#82
Chrysene
Concen: 41.67 ng
RT: 16.43 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

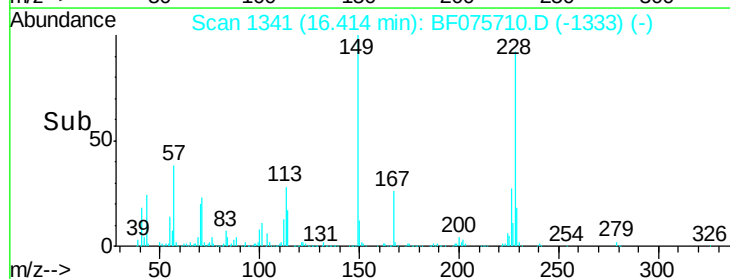
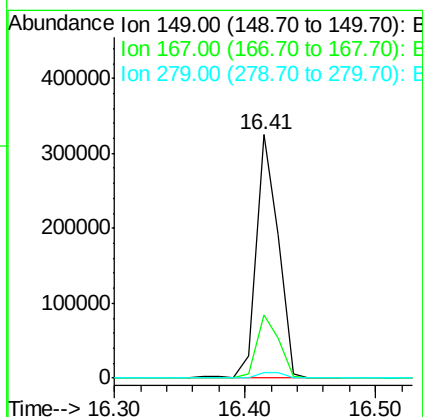
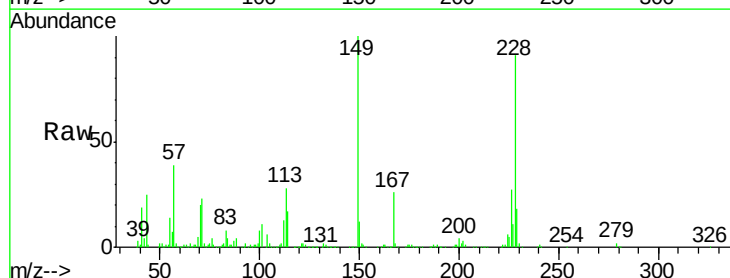
Instrument :
BNA_F
ClientSampleId :

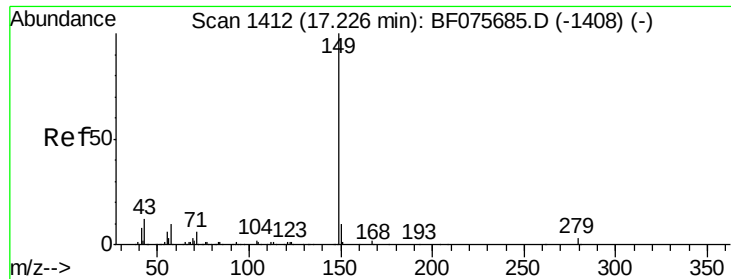
Tot Ion:228 Resp: 524279
Ion Ratio Lower Upper
228 100
226 29.8 23.8 35.6
229 18.8 15.8 23.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 40.40 ng
RT: 16.41 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:149 Resp: 380583
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 2.0 2.8 4.2#

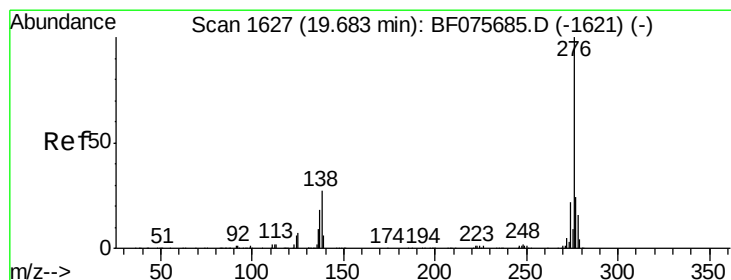
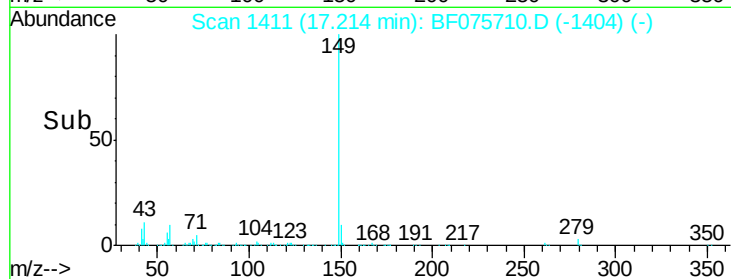
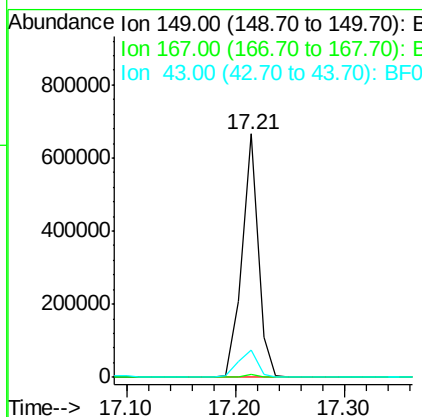
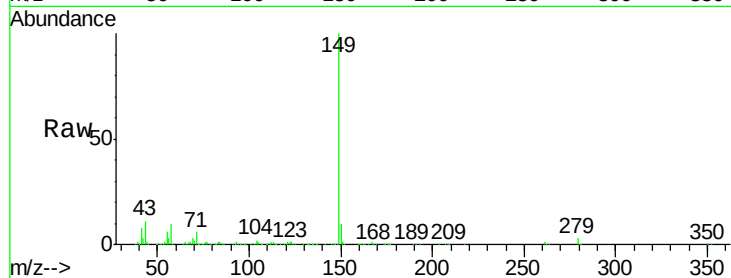




#84
Di-n-octyl phthalate
Concen: 42.15 ng
RT: 17.21 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

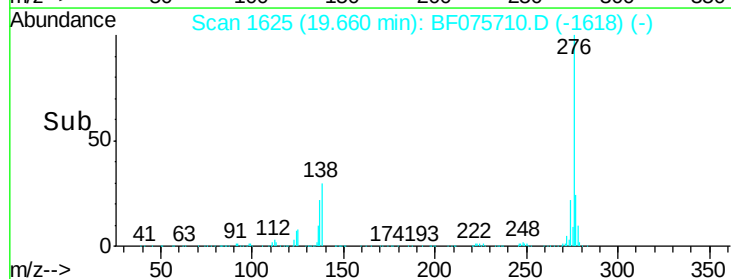
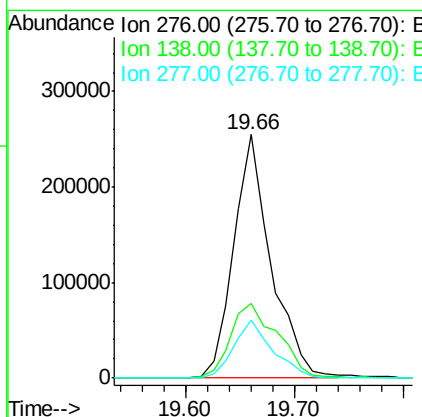
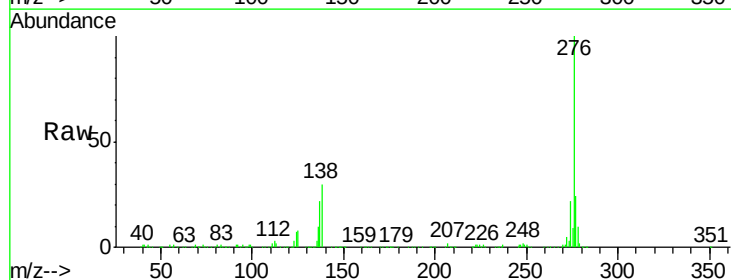
Instrument :
BNA_F
ClientSampleId :

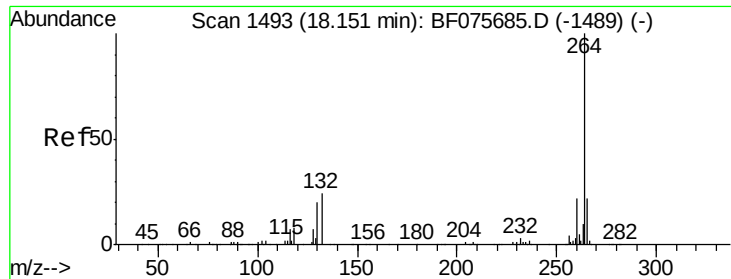
Tot Ion:149 Resp: 683213
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 12.5 11.0 16.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 41.88 ng
RT: 19.66 min Scan# 1625
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:276 Resp: 605120
Ion Ratio Lower Upper
276 100
138 38.0 0.0 0.0#
277 24.9 0.0 0.0#

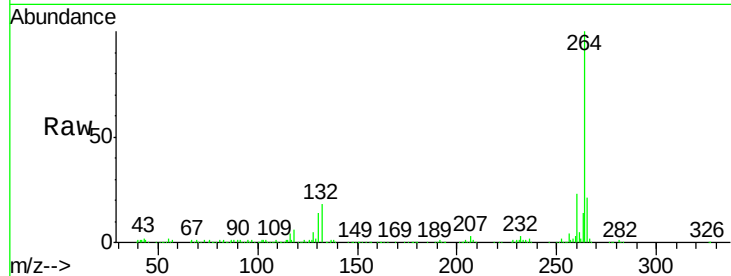




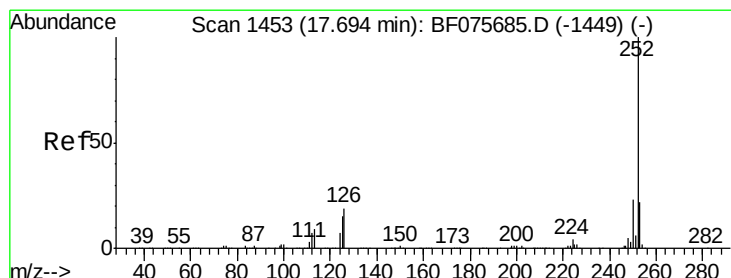
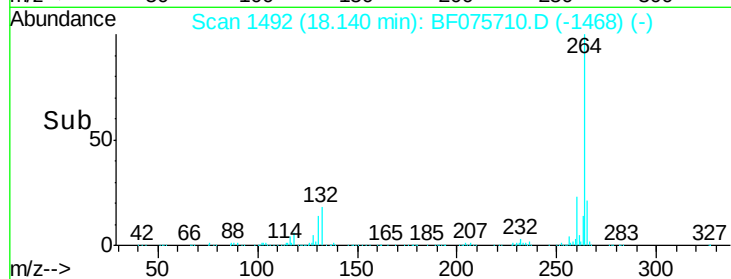
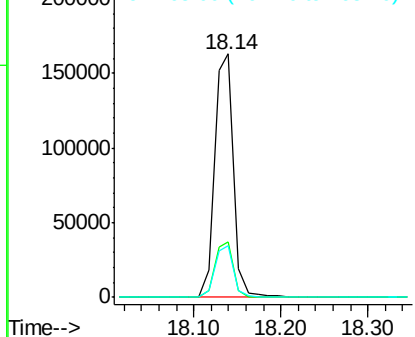
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.14 min Scan# 1492
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.1	16.3	24.5

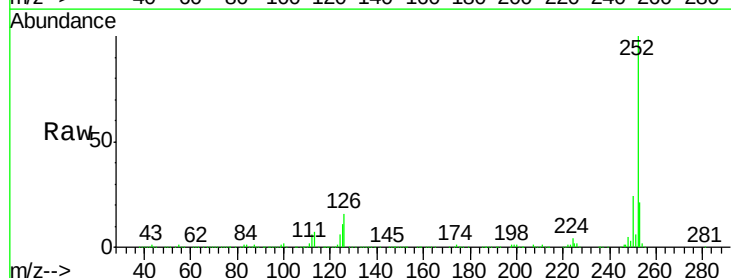


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

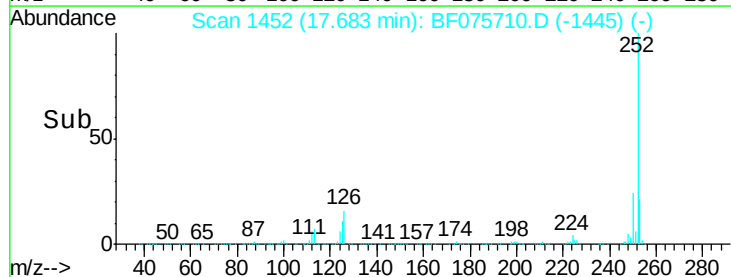
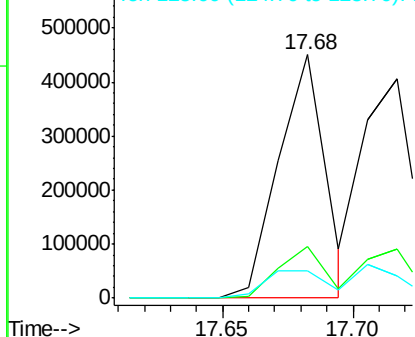


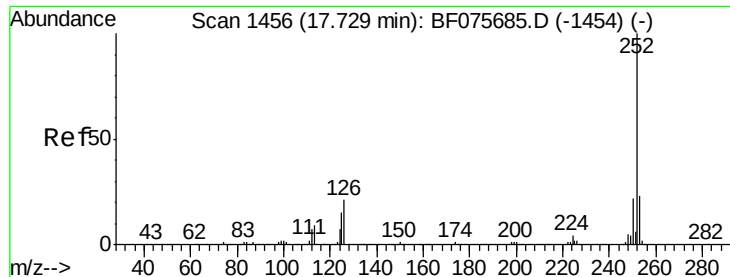
#87
Benzo(b)fluoranthene
Concen: 37.60 ng
RT: 17.68 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	11.5	11.8	17.6#



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

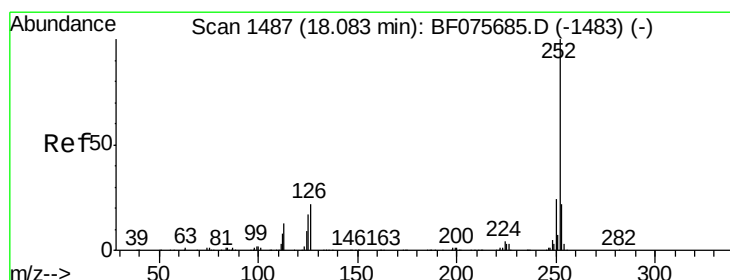
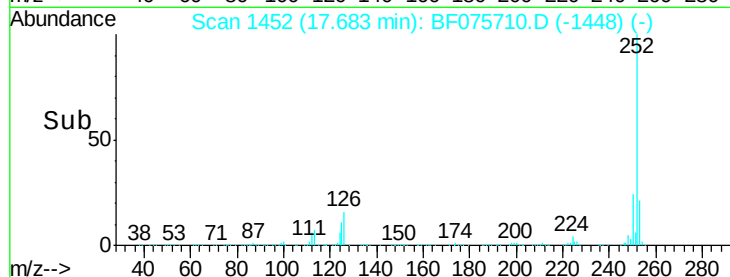
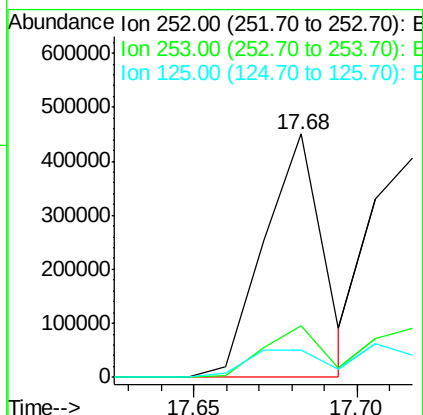
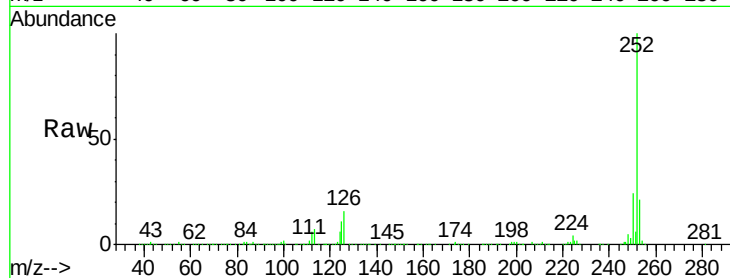




#88
Benzo(k)fluoranthene
Concen: 42.69 ng
RT: 17.68 min Scan# 1452
Delta R.T. -0.06 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

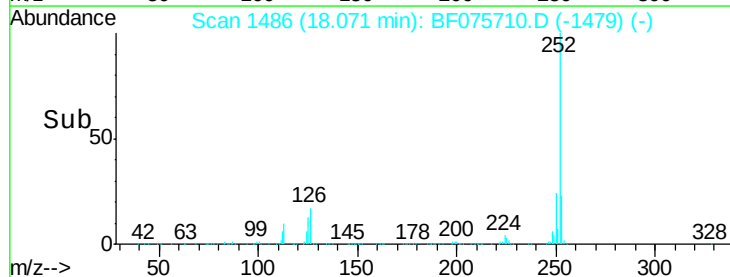
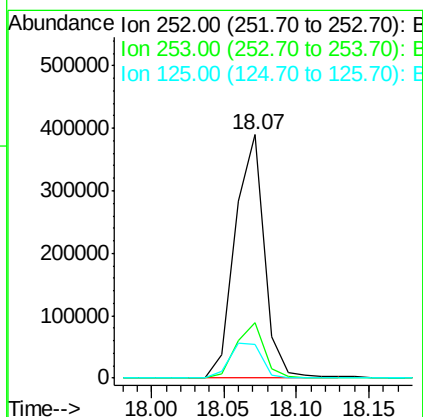
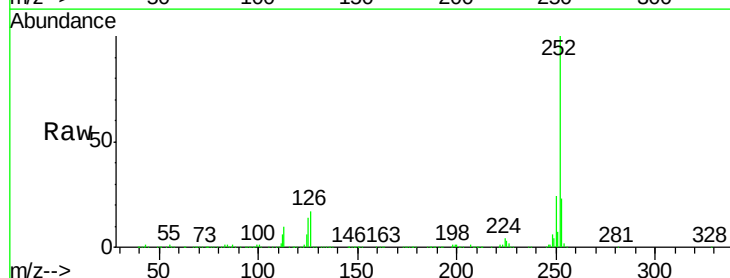
Instrument :
BNA_F
ClientSampleId :

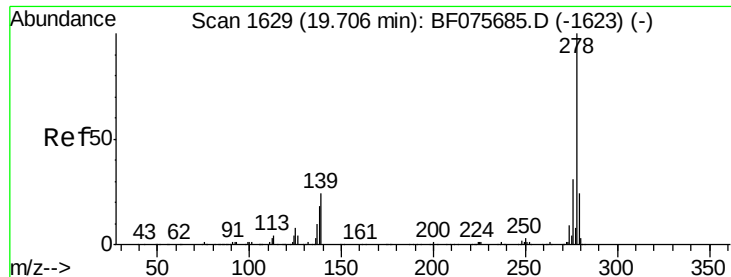
Tot Ion:252 Resp: 558963
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 11.5 11.6 17.4#



#89
Benzo(a)pyrene
Concen: 40.86 ng
RT: 18.07 min Scan# 1486
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion:252 Resp: 544257
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 13.6 12.2 18.4

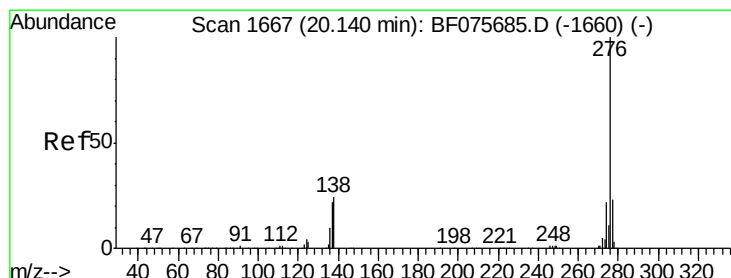
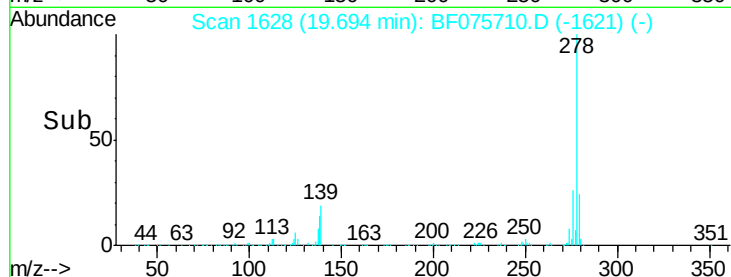
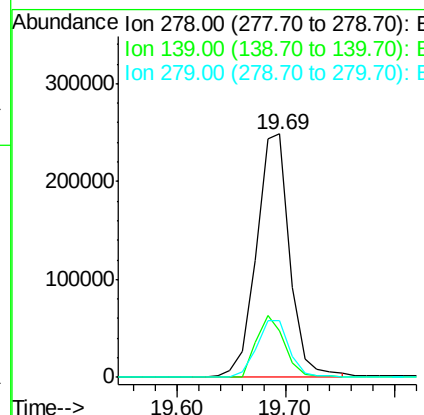
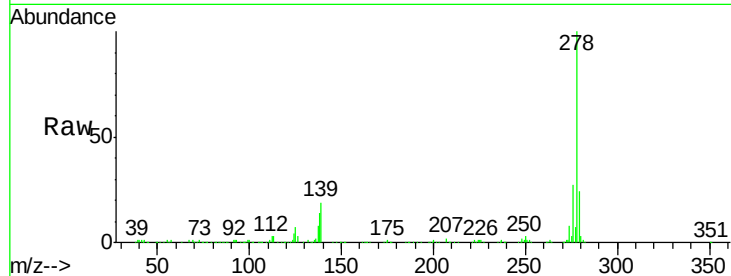




#90
Dibenzo(a,h)anthracene
Concen: 39.56 ng
RT: 19.69 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.6	20.4
279	23.5	19.4	29.0



#91
Benzo(g,h,i)perylene
Concen: 38.25 ng
RT: 20.12 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BF075710.D
Acq: 20 Nov 2014 14:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.8	26.8
138	29.7	22.8	34.2

