

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075709.D
 Acq On : 20 Nov 2014 13:53
 Operator : TP / JJ
 Sample : F4797-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:08:18 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	76624	20.00	ng	0.00
21) Naphthalene-d8	9.06	136	315422	20.00	ng	0.00
38) Acenaphthene-d10	11.25	164	154180	20.00	ng	0.00
63) Phenanthrene-d10	13.10	188	242850	20.00	ng	0.01
75) Chrysene-d12	16.40	240	245099	20.00	ng	0.01
86) Perylene-d12	18.20	264	244269	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	602375	122.14	ng	0.00
7) Phenol-d6	7.04	99	718285	119.75	ng	0.00
23) Nitrobenzene-d5	8.18	82	405250	78.86	ng	0.01
41) 2,4,6-Tribromophenol	12.23	330	152074	120.98	ng	0.00
44) 2-Fluorobiphenyl	10.41	172	731540	74.28	ng	0.00
78) Terphenyl-d14	15.09	244	655235	66.87	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.40	88	72661	32.54	ng	95
4) n-Nitrosodimethylamine	3.09	42	104287	36.91	ng	# 74
6) Aniline	7.08	93	213817	24.10	ng	99
8) 2-Chlorophenol	7.21	128	193185	35.02	ng	# 79
9) Benzaldehyde	6.93	77	79404	17.17	ng	92
10) Phenol	7.06	94	258216	34.01	ng	97
11) bis(2-Chloroethyl)ether	7.17	93	203736	37.91	ng	94
12) 1,3-Dichlorobenzene	7.41	146	203873	34.27	ng	94
13) 1,4-Dichlorobenzene	7.51	146	216219	34.71	ng	95
14) 1,2-Dichlorobenzene	7.69	146	207714	35.47	ng	94
15) Benzyl Alcohol	7.66	79	155571	36.26	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.84	45	407020	38.80	ng	97
17) 2-Methylphenol	7.81	107	165348	35.48	ng	96
18) Hexachloroethane	8.12	117	74381	35.88	ng	# 76
19) n-Nitroso-di-n-propylamine	8.00	70	141331	36.33	ng	89
20) 3+4-Methylphenols	8.00	107	210619	34.88	ng	# 71
22) Acetophenone	7.99	105	250785	32.92	ng	# 90
24) Nitrobenzene	8.21	77	211282	35.52	ng	# 87
25) Isophorone	8.49	82	399658	36.75	ng	# 91
26) 2-Nitrophenol	8.60	139	102944	36.96	ng	# 81
27) 2,4-Dimethylphenol	8.65	122	173486	35.66	ng	99
28) bis(2-Chloroethoxy)methane	8.78	93	271576	40.85	ng	99
29) 2,4-Dichlorophenol	8.89	162	156467	36.33	ng	98
30) 1,2,4-Trichlorobenzene	9.00	180	162084	36.20	ng	94
31) Naphthalene	9.09	128	601970	37.38	ng	99
32) Benzoic acid	8.74	122	77727	28.13	ng	92
33) 4-Chloroaniline	9.17	127	136765	19.80	ng	96
34) Hexachlorobutadiene	9.25	225	79575	36.20	ng	98
35) Caprolactam	9.58	113	48728	34.08	ng	# 88
36) 4-Chloro-3-methylphenol	9.76	107	158598	34.32	ng	91
37) 2-Methylnaphthalene	9.96	142	389325	36.31	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	10.16	216	124320	34.98	ng	99
40) Hexachlorocyclopentadiene	10.14	237	106520	62.22	ng	98
42) 2,4,6-Trichlorophenol	10.30	196	99322	36.80	ng	98

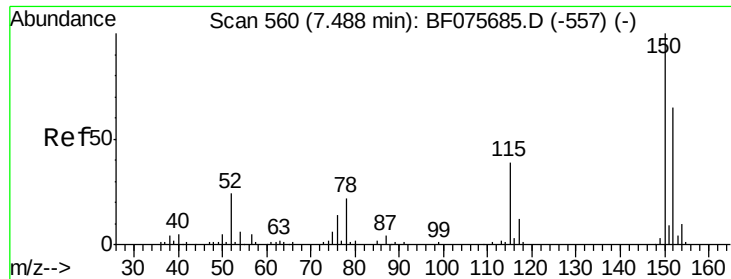
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075709.D
 Acq On : 20 Nov 2014 13:53
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	10.35	196	101874	34.90	nq	# 85
45) 1,1'-Biphenyl	10.54	154	388960	33.62	nq	97
46) 2-Chloronaphthalene	10.56	162	357657	38.23	nq	# 90
47) 2-Nitroaniline	10.69	65	115208	37.91	nq	# 64
48) Acenaphthylene	11.08	152	575146	37.69	nq	99
49) Dimethylphthalate	10.92	163	416750	37.02	nq	99
50) 2,6-Dinitrotoluene	11.00	165	89697	39.05	nq	# 66
51) Acenaphthene	11.28	154	324883	36.91	nq	98
52) 3-Nitroaniline	11.19	138	85242	28.03	nq	# 87
53) 2,4-Dinitrophenol	11.33	184	60153	57.35	nq	# 70
54) Dibenzofuran	11.50	168	463870	36.04	nq	94
55) 4-Nitrophenol	11.41	139	169744	74.76	nq	80
56) 2,4-Dinitrotoluene	11.49	165	112145	37.39	nq	# 74
57) Fluorene	11.93	166	388843	37.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.66	232	78919	37.35	nq	# 96
59) Diethylphthalate	11.80	149	383777	36.13	nq	99
60) 4-Chlorophenyl-phenylether	11.93	204	157722	38.00	nq	93
61) 4-Nitroaniline	11.96	138	99593	34.33	nq	# 73
62) Azobenzene	12.13	77	401755	38.13	nq	94
64) 4,6-Dinitro-2-methylphenol	11.99	198	42908	31.41	nq	# 70
65) n-Nitrosodiphenylamine	12.08	169	327734	37.21	nq	99
66) 4-Bromophenyl-phenylether	12.54	248	91474	37.30	nq	# 79
67) Hexachlorobenzene	12.61	284	102503	37.00	nq	93
68) Atrazine	12.76	200	88011	35.46	nq	94
69) Pentachlorophenol	12.86	266	93314	63.43	nq	95
70) Phenanthrene	13.12	178	551592	37.31	nq	99
71) Anthracene	13.19	178	570824	37.27	nq	99
72) Carbazole	13.40	167	534209	35.16	nq	98
73) Di-n-butylphthalate	13.83	149	596108	35.31	nq	99
74) Fluoranthene	14.61	202	571922	37.61	nq	94
76) Benzidine	14.78	184	186178	17.63	nq	99
77) Pyrene	14.88	202	591462	35.91	nq	100
79) Butylbenzylphthalate	15.71	149	266567	36.91	nq	91
80) Benzo(a)anthracene	16.39	228	529568	37.07	nq	99
81) 3,3'-Dichlorobenzidine	16.36	252	147587	29.23	nq	97
82) Chrysene	16.44	228	493352	38.35	nq	100
83) Bis(2-ethylhexyl)phthalate	16.44	149	353040	36.65	nq	# 98
84) Di-n-octyl phthalate	17.25	149	618097	37.29	nq	98
85) Indeno(1,2,3-cd)pyrene	19.73	276	521981	35.33	nq	# 100
87) Benzo(b)fluoranthene	17.73	252	502172	34.24	nq	99
88) Benzo(k)fluoranthene	17.73	252	502135	38.88	nq	99
89) Benzo(a)pyrene	18.13	252	514626	39.17	nq	97
90) Dibenzo(a,h)anthracene	19.75	278	503993	38.00	nq	# 93
91) Benzo(g,h,i)perylene	20.19	276	488815	36.52	nq	96

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

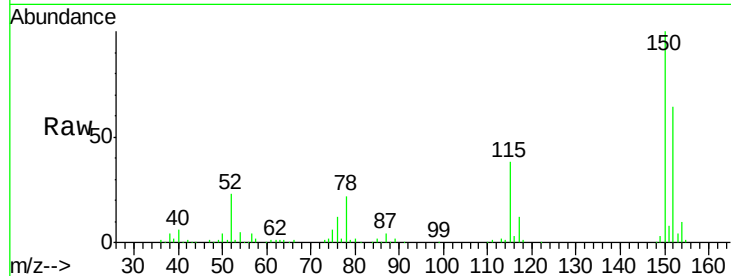


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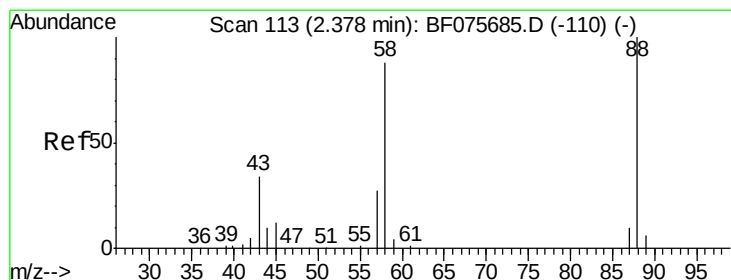
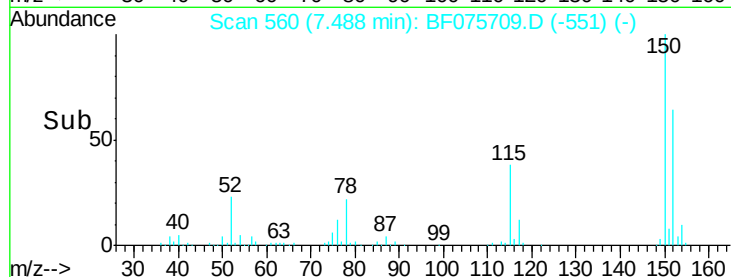
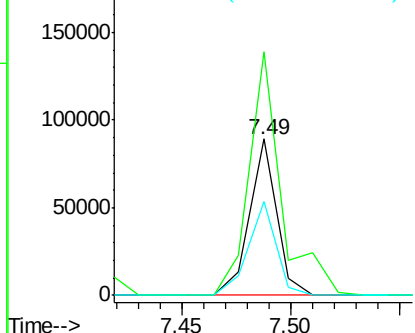
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76624
Ion Ratio Lower Upper
152 100
150 155.9 127.2 190.8
115 59.7 57.1 85.7



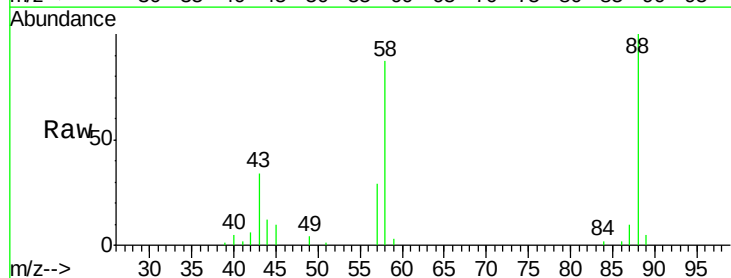
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



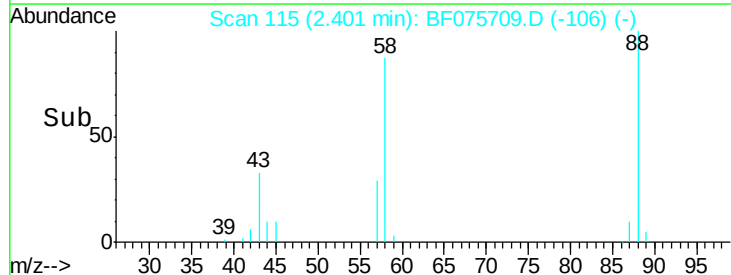
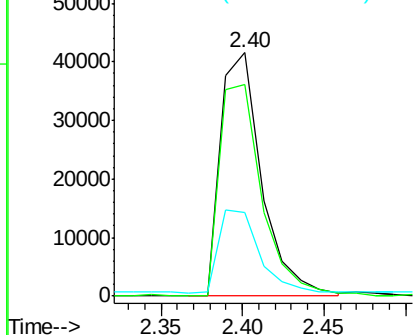
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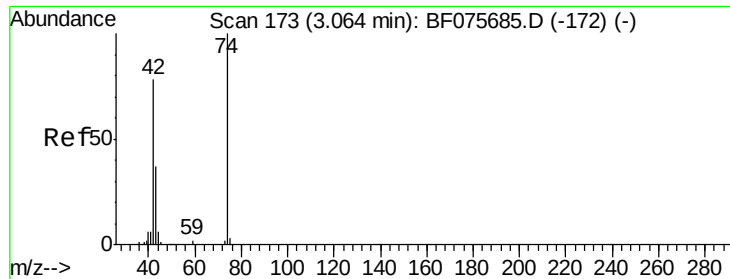
1,4-Dioxane
Concen: 32.54 ng
RT: 2.40 min Scan# 115
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion: 88 Resp: 72661
Ion Ratio Lower Upper
88 100
58 89.5 73.5 110.3
43 33.0 31.9 47.9



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



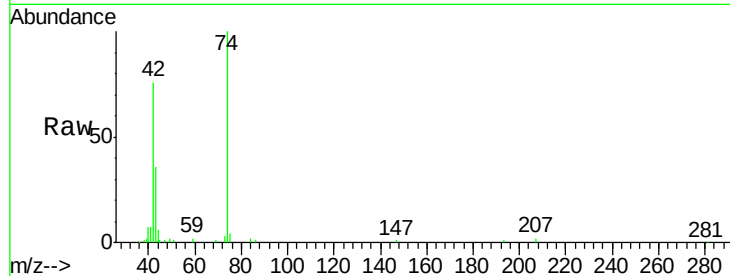


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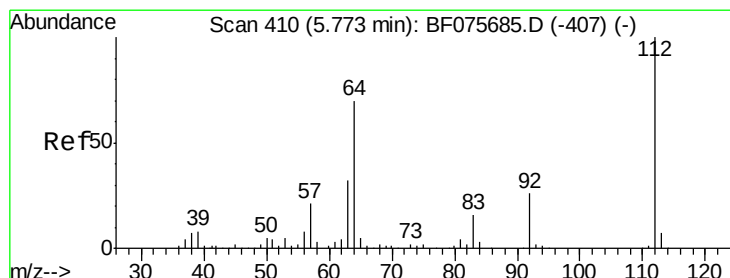
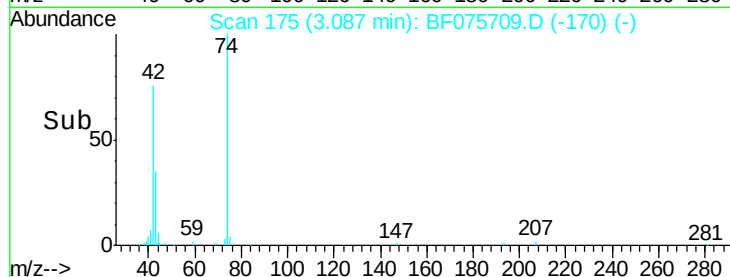
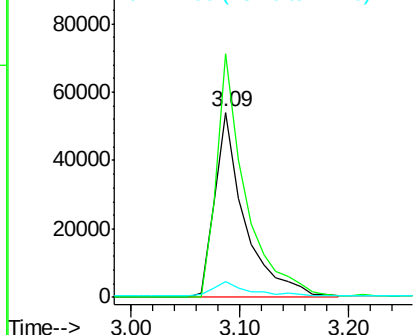
n-Nitrosodimethylamine
 Concen: 36.91 ng
 RT: 3.09 min Scan# 175
 Delta R.T. -0.05 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	131.7	82.4	123.6
44	8.3	8.2	12.4



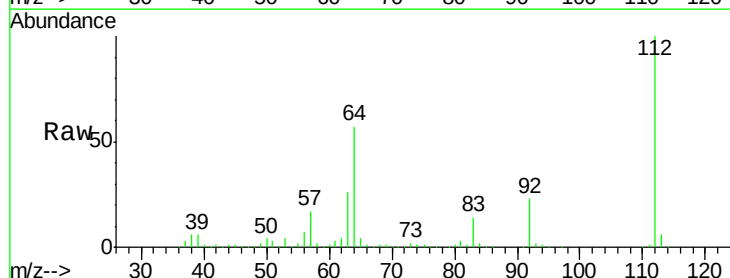
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



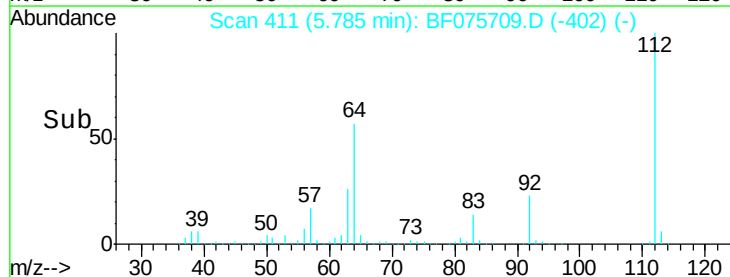
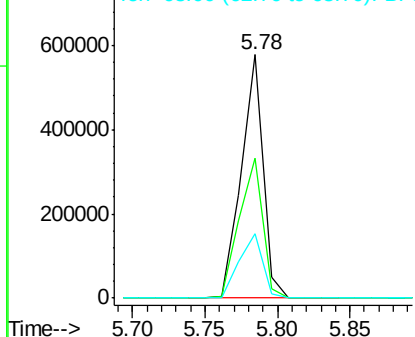
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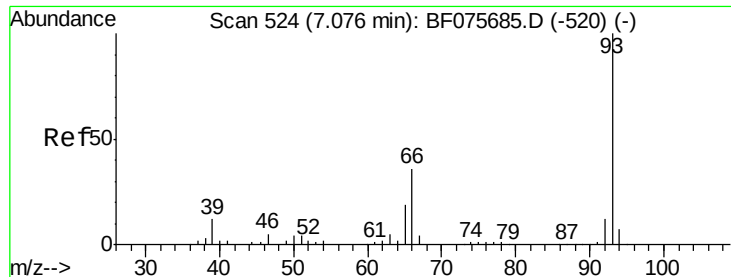
2-Fluorophenol
 Concen: 122.14 ng
 RT: 5.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	45.8	68.6
63	26.4	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: 24.10 ng

RT: 7.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

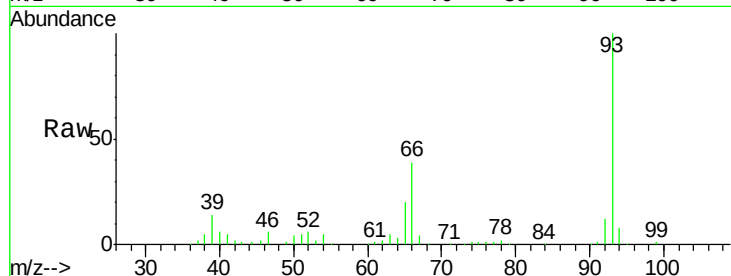
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 93 Resp: 213817

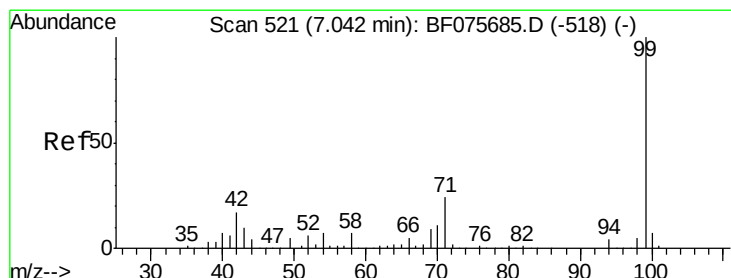
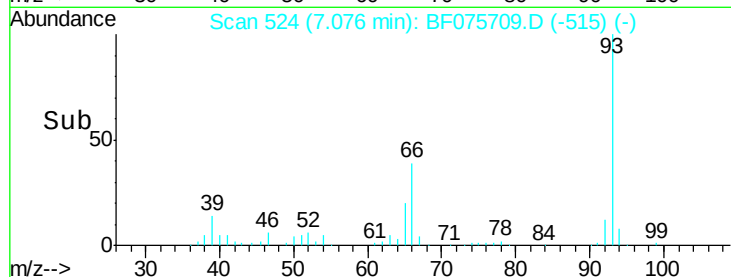
Ion	Ratio	Lower	Upper
93	100		
66	39.4	31.8	47.8
65	19.6	16.6	25.0



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: 119.75 ng

RT: 7.04 min Scan# 521

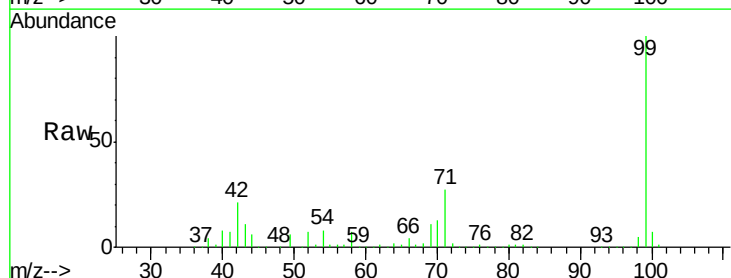
Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Tgt Ion: 99 Resp: 718285

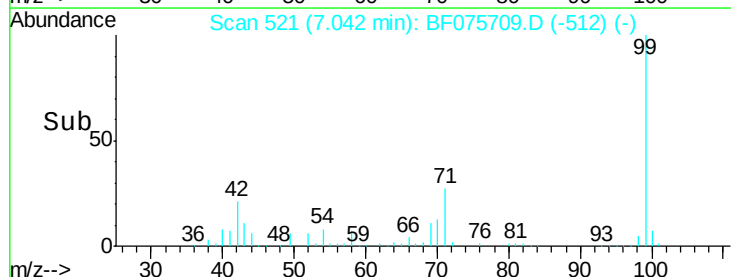
Ion	Ratio	Lower	Upper
99	100		
42	20.7	19.8	29.6
71	27.4	25.5	38.3

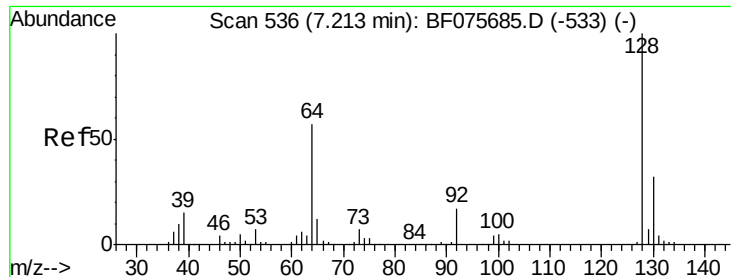


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

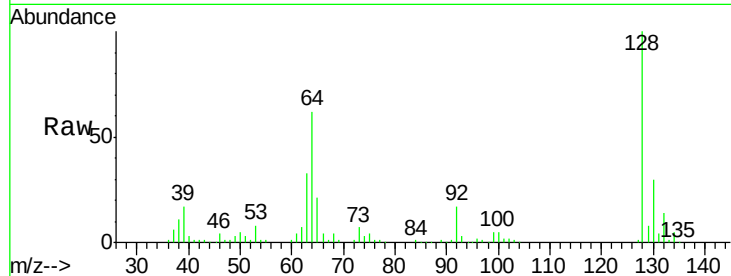




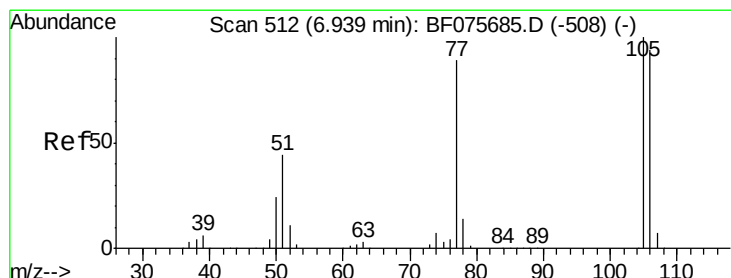
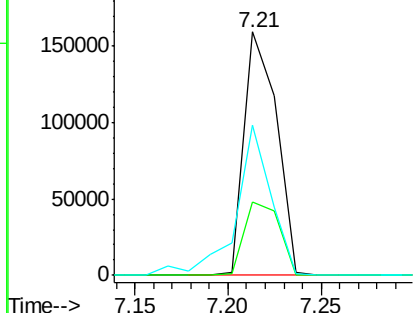
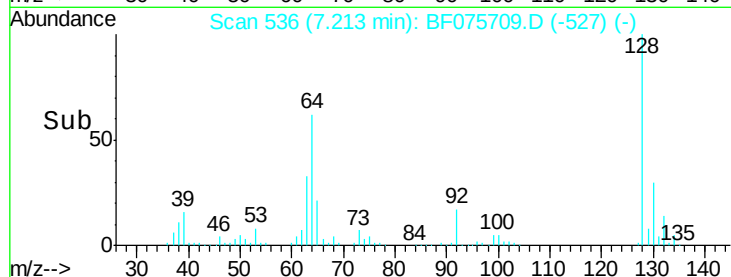
#8
2-Chlorophenol
Concen: 35.02 ng
RT: 7.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 193185
Ion Ratio Lower Upper
128 100
130 30.4 12.7 52.7
64 61.6 20.3 60.3#

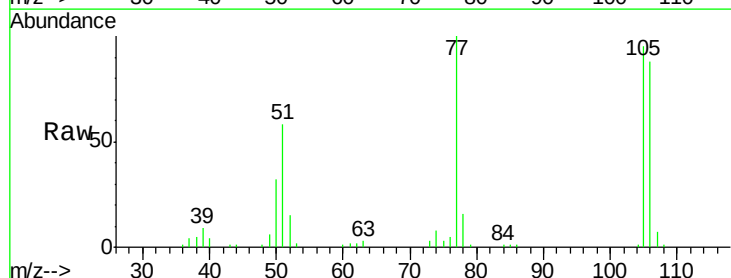


Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): B

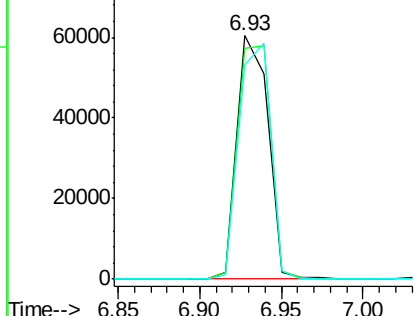
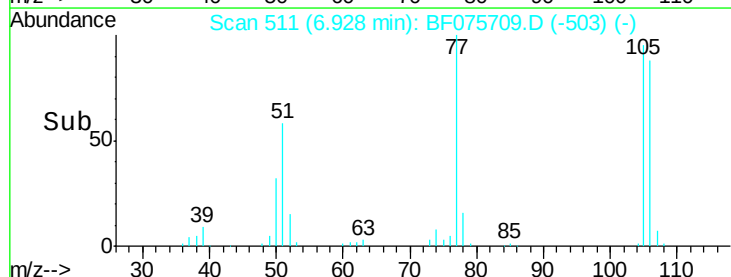


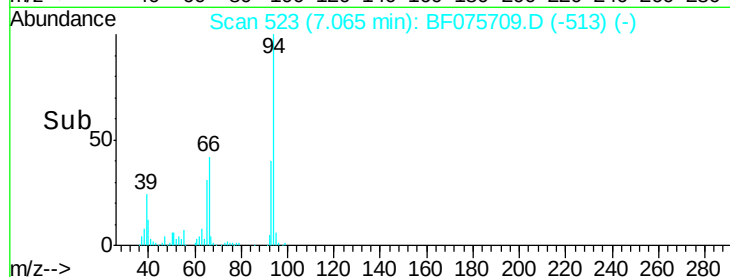
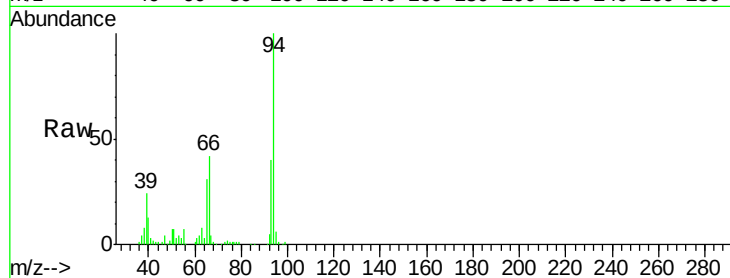
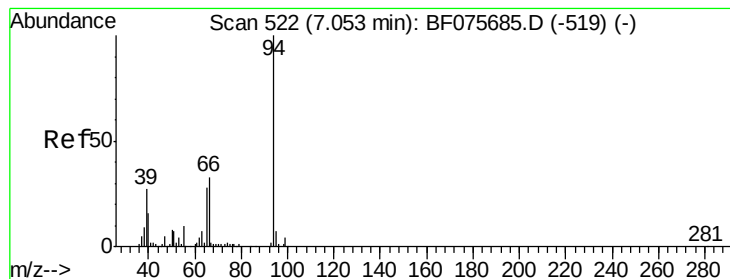
#9
Benzaldehyde
Concen: 17.17 ng
RT: 6.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion: 77 Resp: 79404
Ion Ratio Lower Upper
77 100
105 94.6 81.6 121.6
106 87.8 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): B
Ion 105.00 (104.70 to 105.70): B
Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 34.01 ng

RT: 7.06 min Scan# 523

Delta R.T. 0.01 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

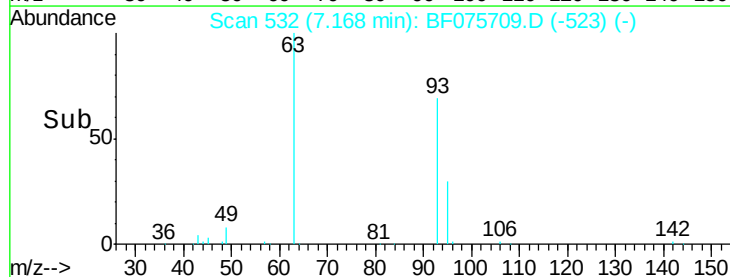
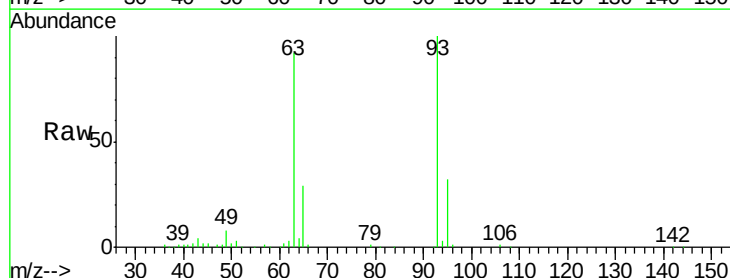
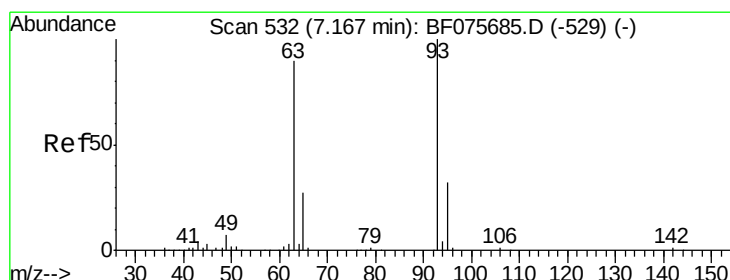
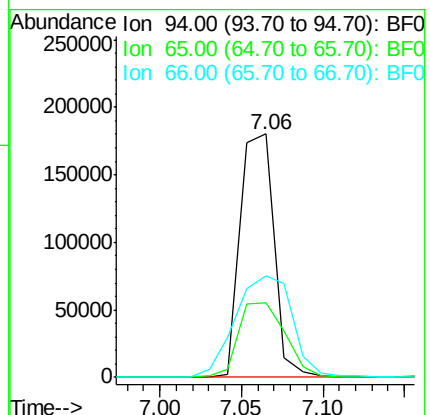
Instrument :

BNA_F

ClientSampled :

Tot Ion: 94 Resp: 258216

Ion	Ratio	Lower	Upper
94	100		
65	30.9	13.1	53.1
66	41.7	20.8	60.8



#11

bis(2-Chloroethyl)ether

Concen: 37.91 ng

RT: 7.17 min Scan# 532

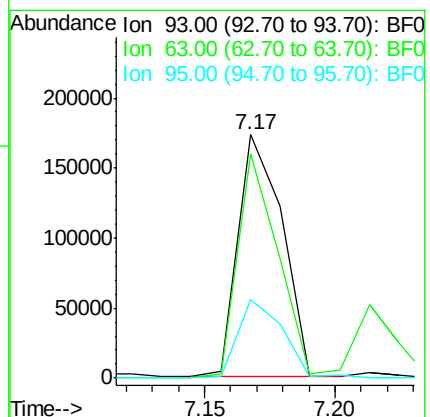
Delta R.T. 0.00 min

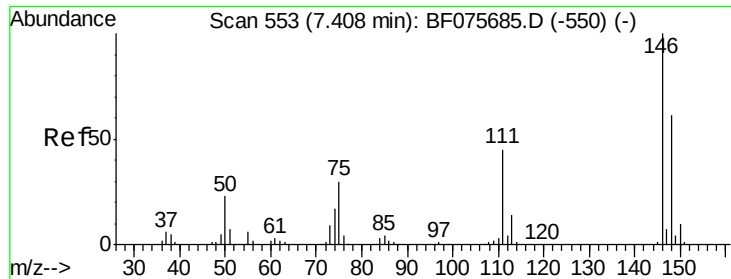
Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Tgt Ion: 93 Resp: 203736

Ion	Ratio	Lower	Upper
93	100		
63	92.3	79.8	119.8
95	32.2	11.2	51.2

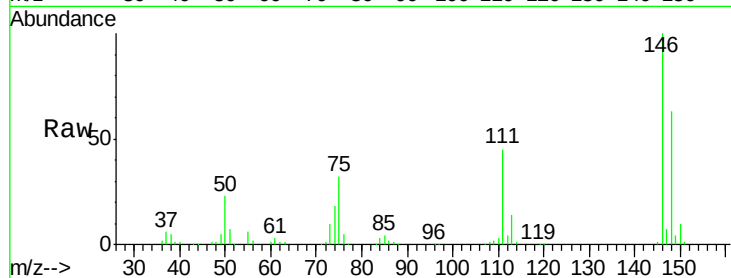




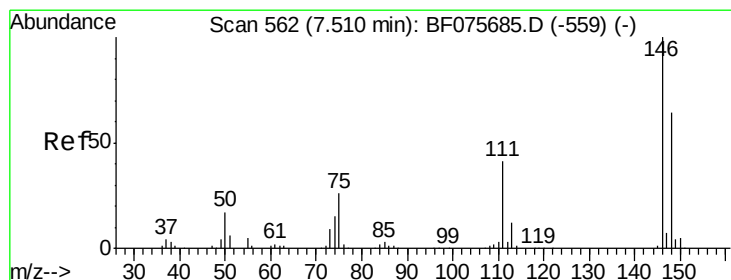
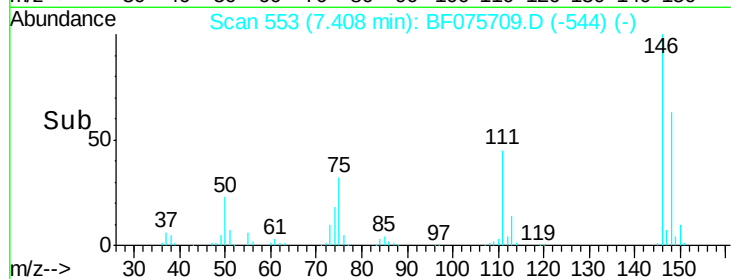
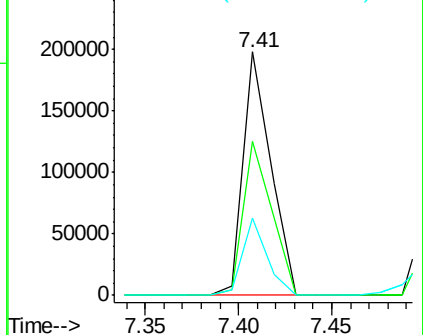
#12
 1,3-Dichlorobenzene
 Concen: 34.27 ng
 RT: 7.41 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	53.1	79.7
75	32.0	21.5	32.3

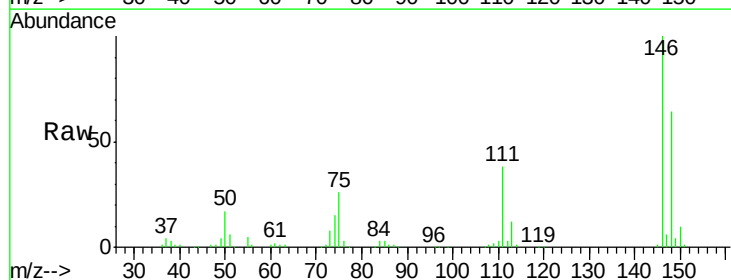


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

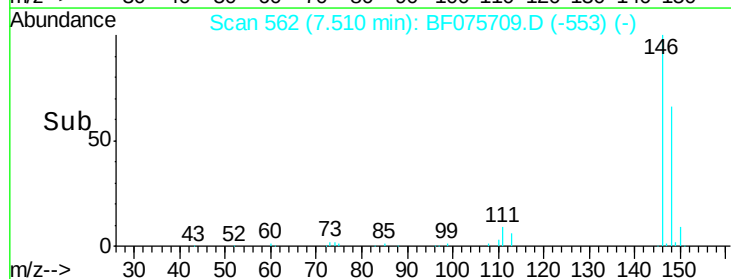
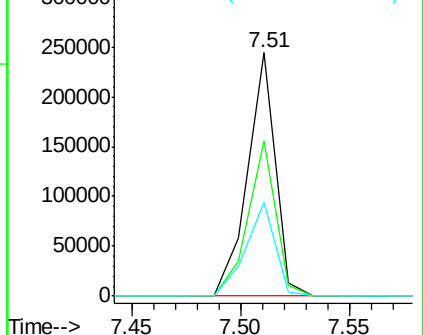


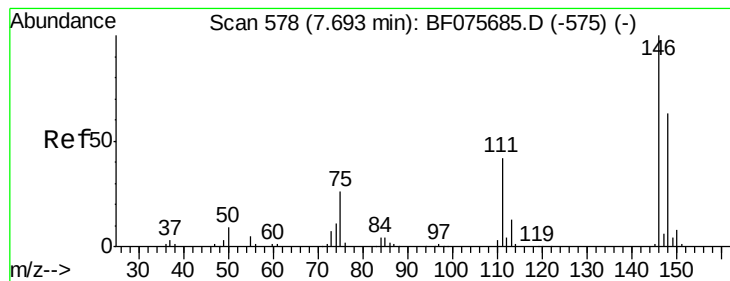
#13
 1,4-Dichlorobenzene
 Concen: 34.71 ng
 RT: 7.51 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.9	74.9
111	38.4	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

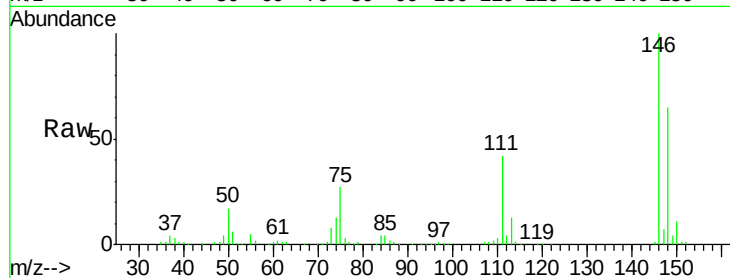




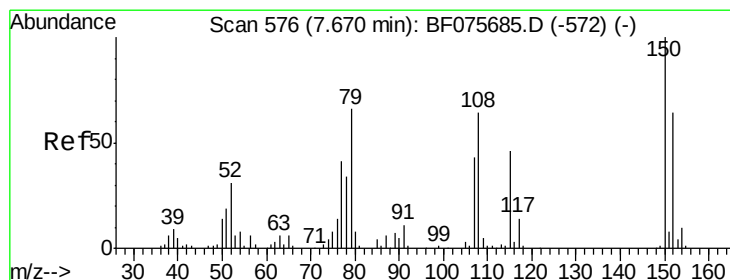
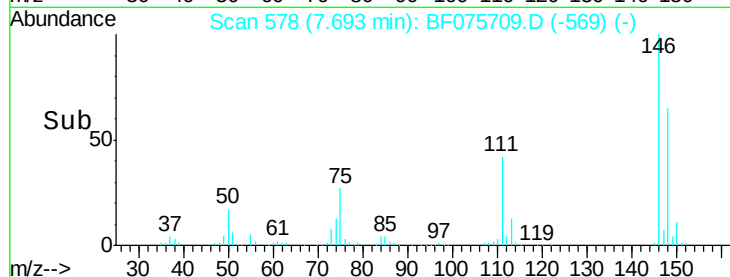
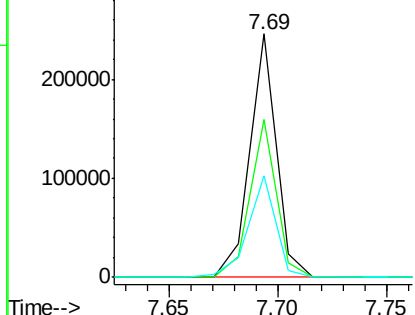
#14
 1,2-Dichlorobenzene
 Concen: 35.47 ng
 RT: 7.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 207714
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.7 76.1
 111 41.6 39.9 59.9

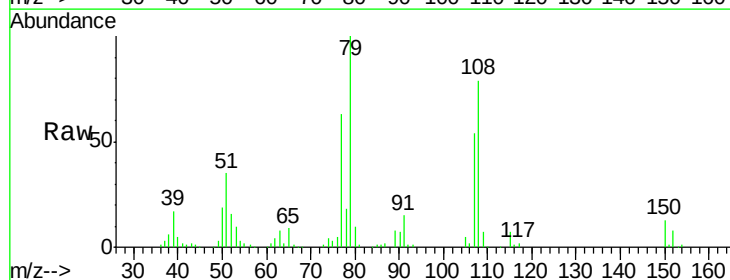


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

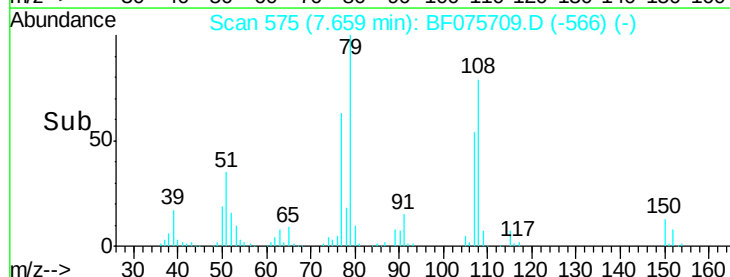
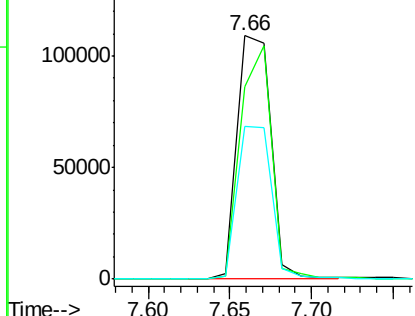


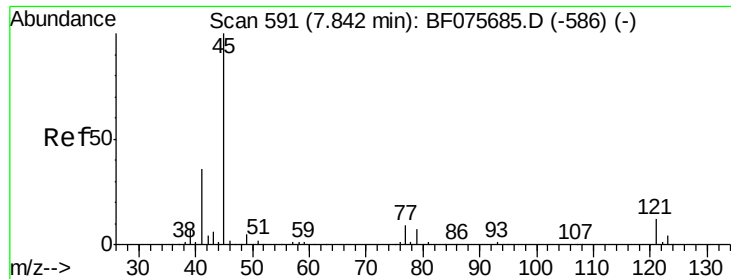
#15
 Benzyl Alcohol
 Concen: 36.26 ng
 RT: 7.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion: 79 Resp: 155571
 Ion Ratio Lower Upper
 79 100
 108 79.3 75.5 113.3
 77 63.0 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

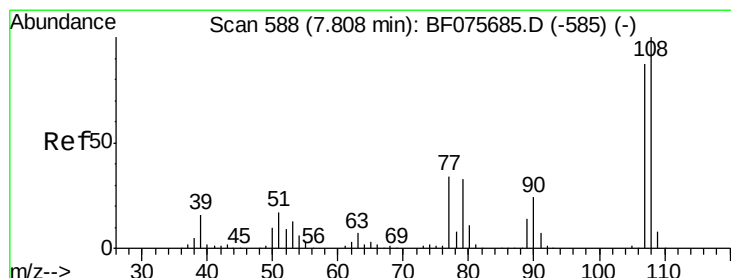
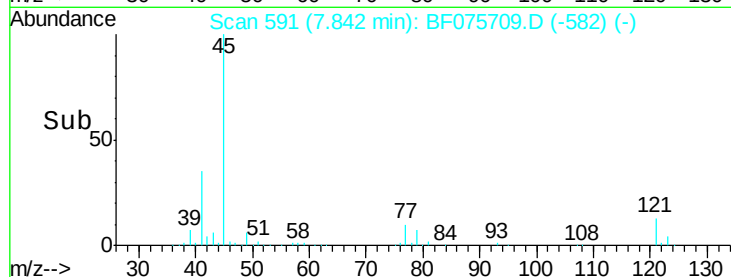
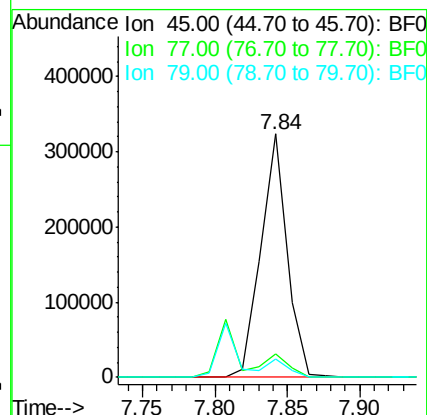
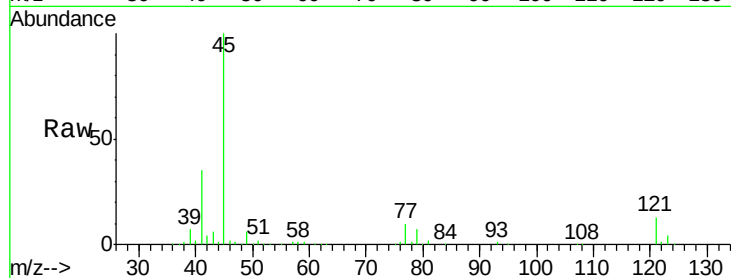




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.80 ng
RT: 7.84 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

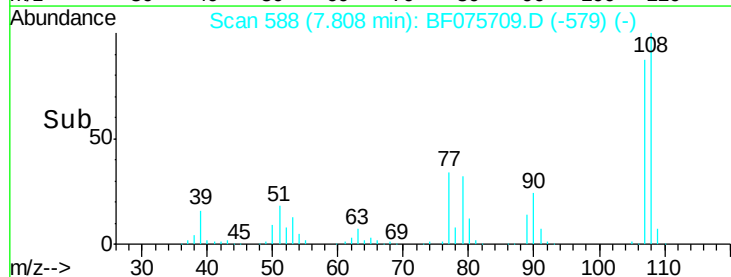
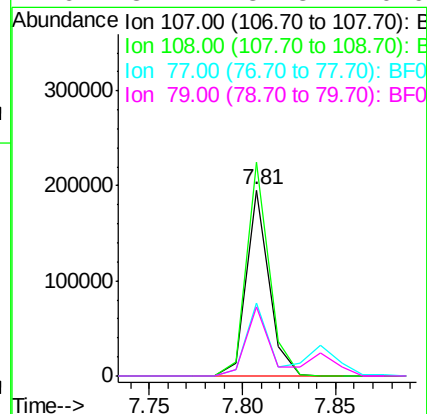
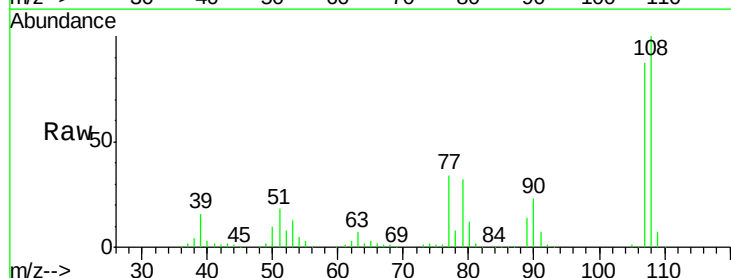
Instrument :
BNA_F
ClientSampleId :

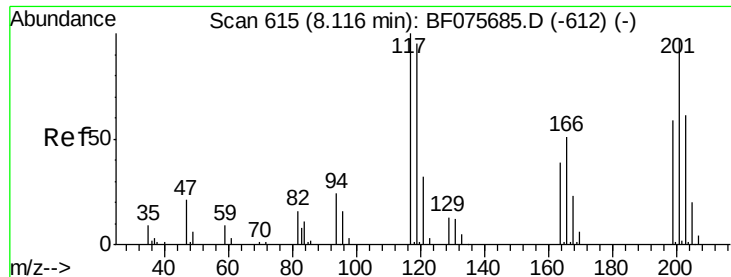
Tot Ion: 45 Resp: 407020
Ion Ratio Lower Upper
45 100
77 9.9 0.0 28.6
79 7.5 0.0 26.5



#17
2-Methylphenol
Concen: 35.48 ng
RT: 7.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion: 107 Resp: 165348
Ion Ratio Lower Upper
107 100
108 114.9 95.6 143.4
77 39.5 30.2 45.4
79 37.1 31.3 46.9

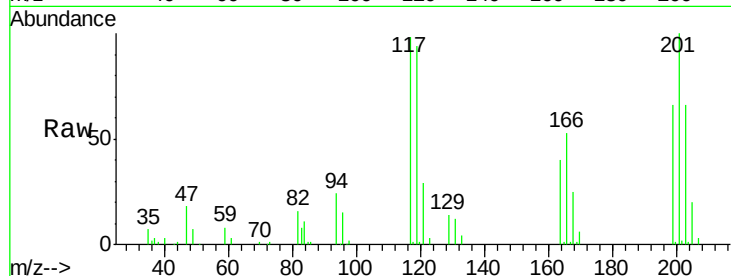




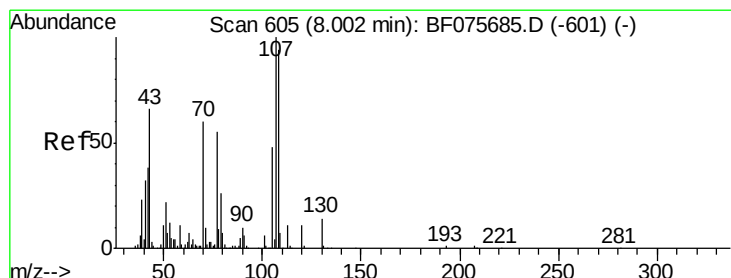
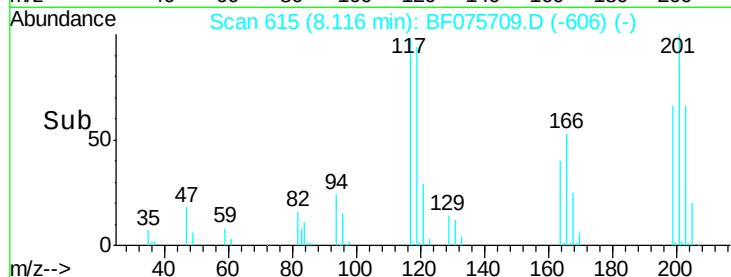
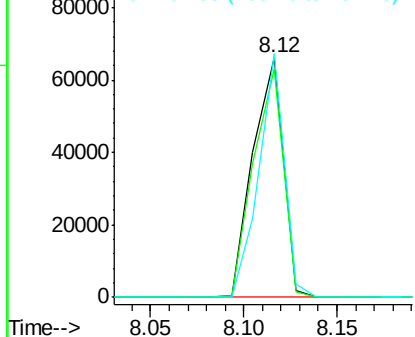
#18
Hexachloroethane
Concen: 35.88 ng
RT: 8.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 74381
Ion Ratio Lower Upper
117 100
119 95.1 72.9 109.3
201 101.6 48.2 72.4#



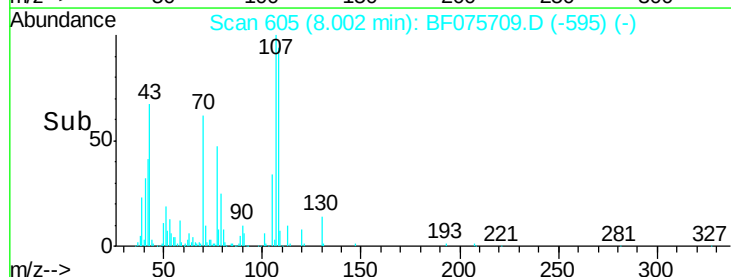
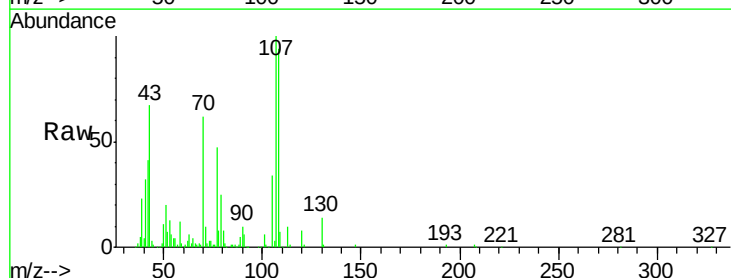
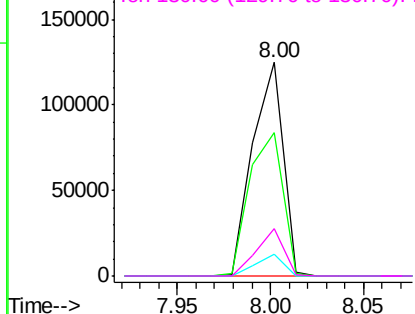
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

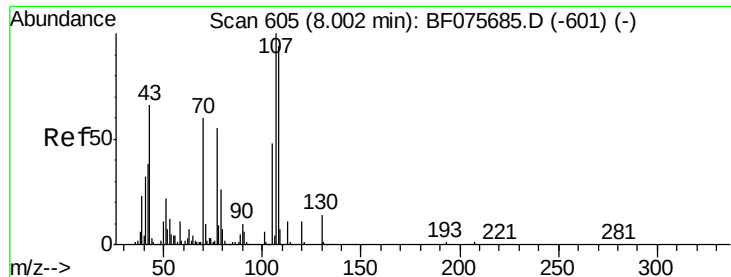


#19
n-Nitroso-di-n-propylamine
Concen: 36.33 ng
RT: 8.00 min Scan# 605
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion: 70 Resp: 141331
Ion Ratio Lower Upper
70 100
42 67.1 63.0 94.6
101 10.2 7.5 11.3
130 22.4 16.3 24.5

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

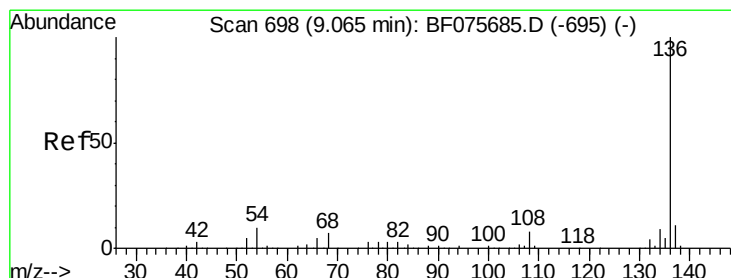
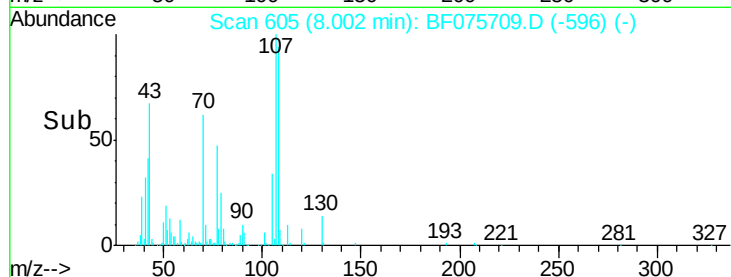
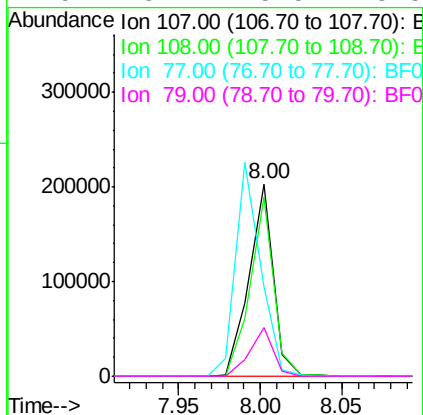
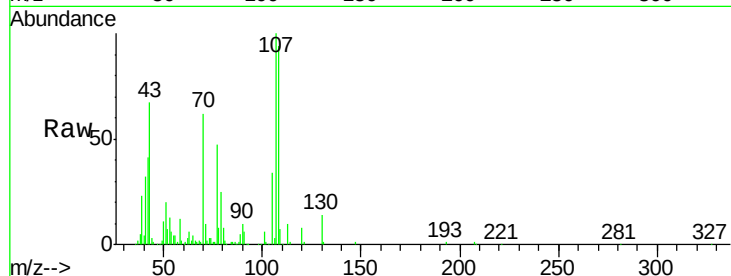




#20
3+4-Methylphenols
Concen: 34.88 ng
RT: 8.00 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

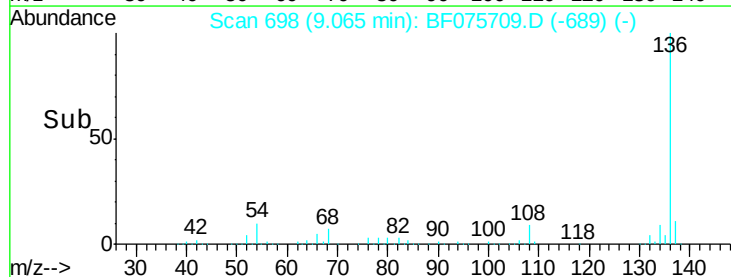
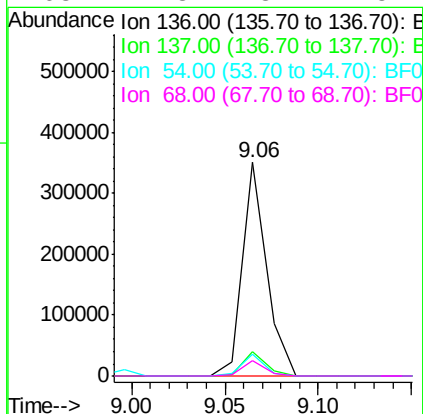
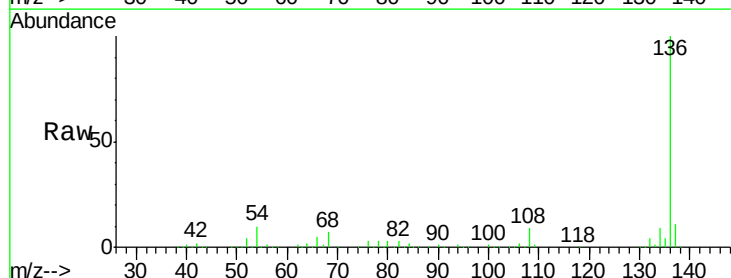
Instrument :
BNA_F
ClientSampleId :

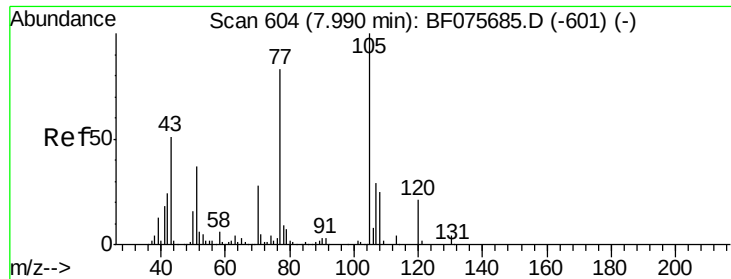
Tot Ion:	107	Resp:	210619
Ion	Ratio	Lower	Upper
107	100		
108	93.5	69.6	109.6
77	46.6	84.4	124.4#
79	25.1	5.5	45.5



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:	136	Resp:	315422
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	10.2	6.2	9.4#
68	7.3	3.4	5.2#

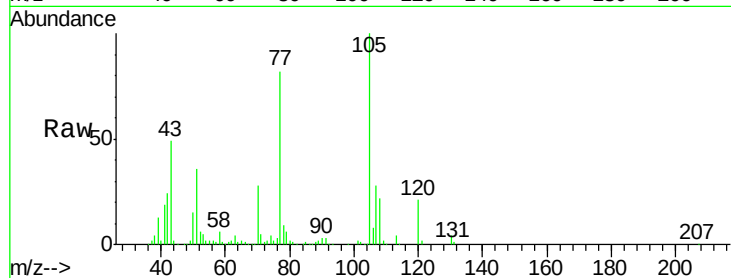




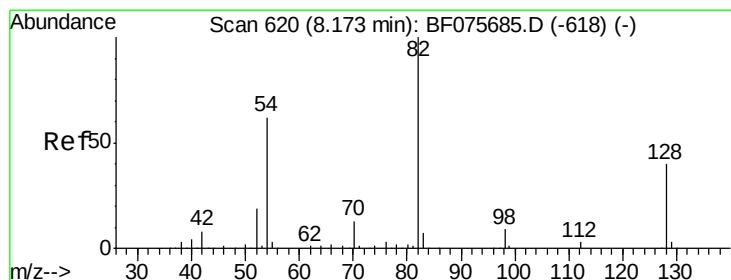
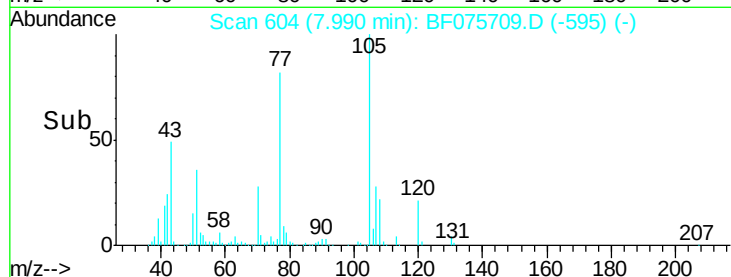
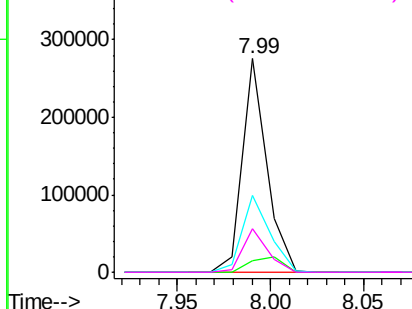
#22
Acetophenone
Concen: 32.92 ng
RT: 7.99 min Scan# 604
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 250785
Ion Ratio Lower Upper
105 100
71 5.2 10.5 15.7#
51 36.3 24.2 36.2#
120 20.6 17.5 26.3

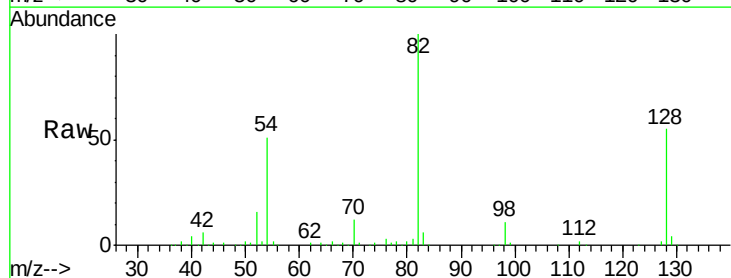


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

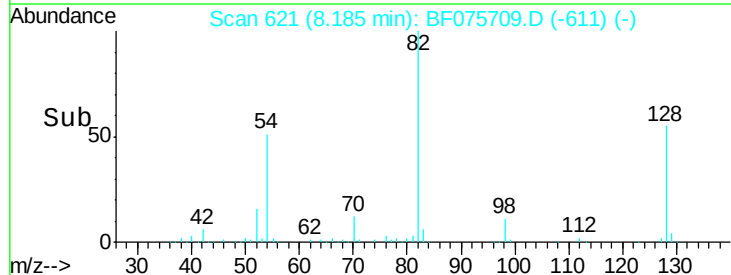
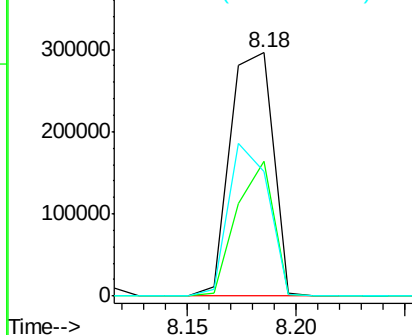


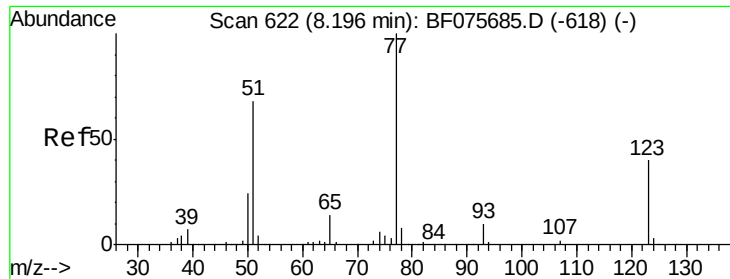
#23
Nitrobenzene-d5
Concen: 78.86 ng
RT: 8.18 min Scan# 621
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion: 82 Resp: 405250
Ion Ratio Lower Upper
82 100
128 55.4 37.8 56.6
54 51.1 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: 35.52 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

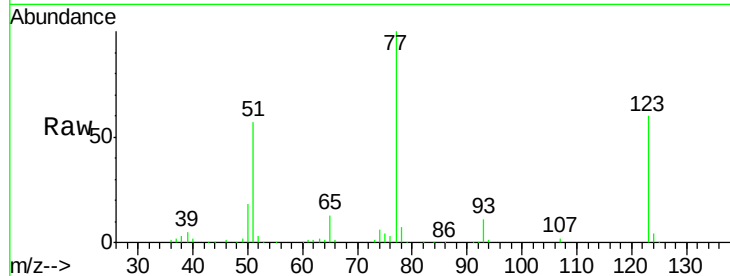
Tot Ion: 77 Resp: 211282

Ion Ratio Lower Upper

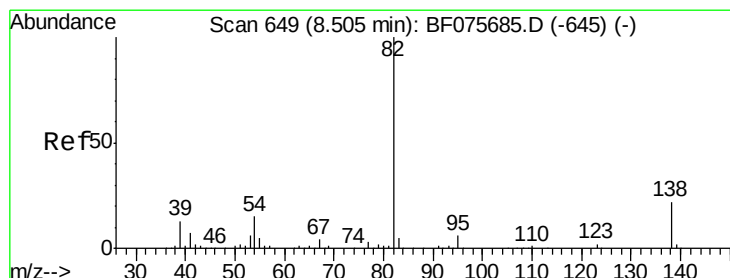
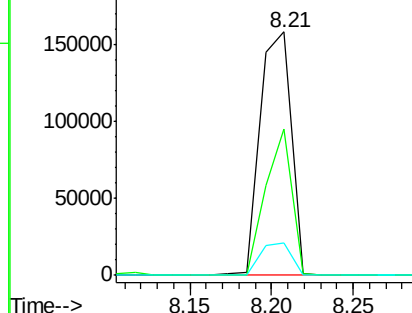
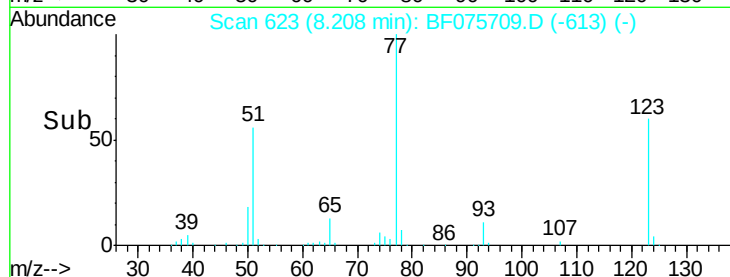
77 100

123 60.2 39.0 58.4#

65 13.2 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: 36.75 ng

RT: 8.49 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

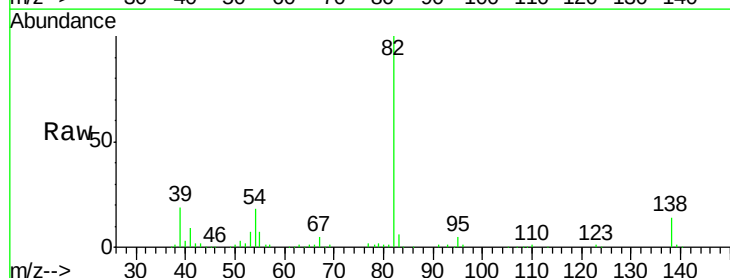
Tgt Ion: 82 Resp: 399658

Ion Ratio Lower Upper

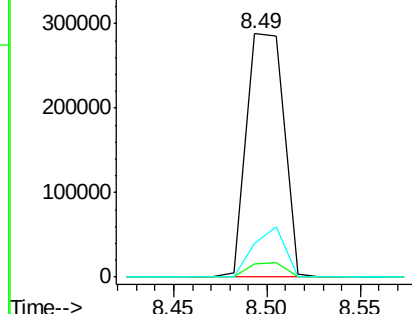
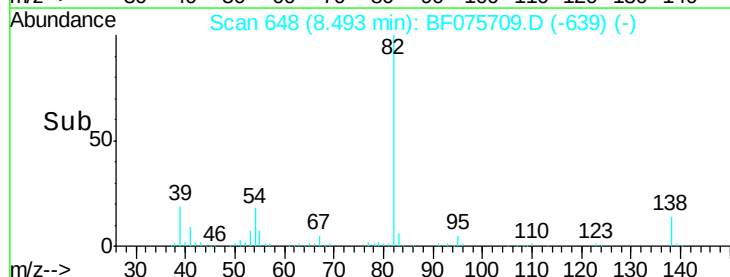
82 100

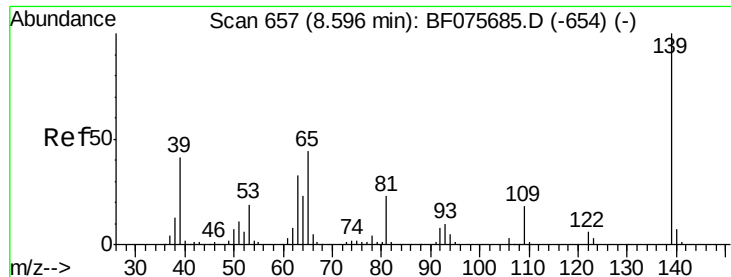
95 5.4 5.2 7.8

138 13.8 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

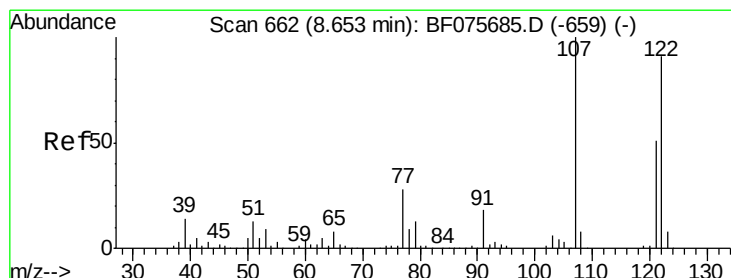
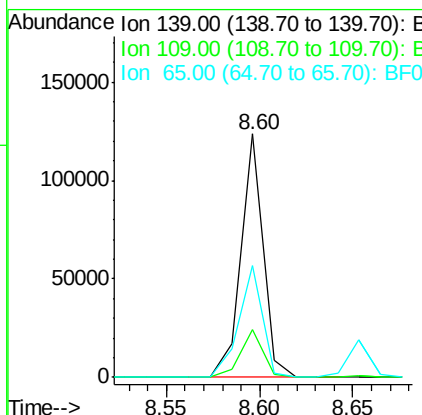
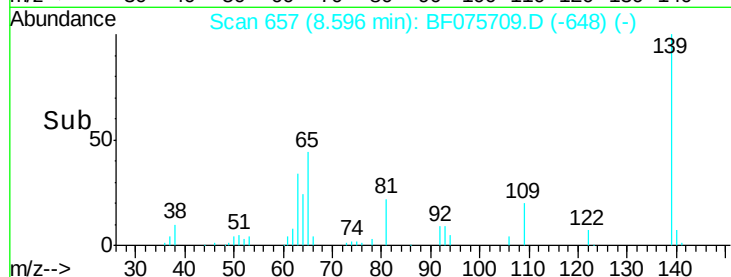
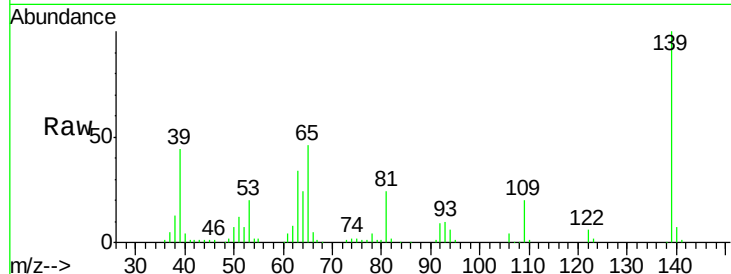




#26
2-Nitrophenol
Concen: 36.96 ng
RT: 8.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

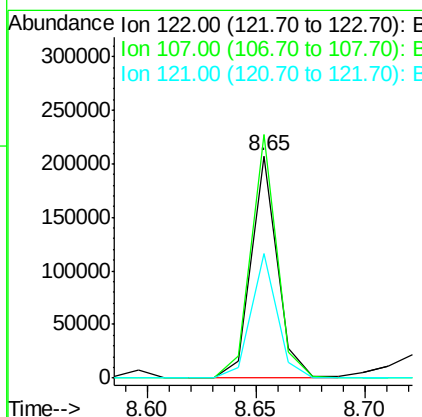
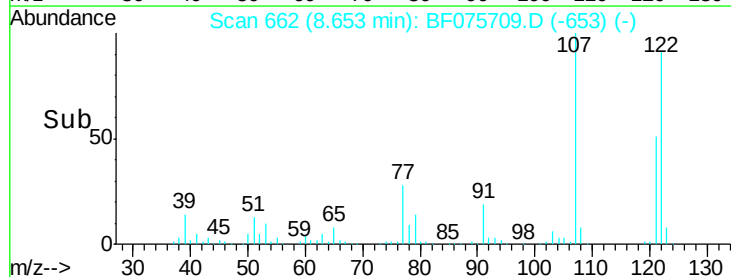
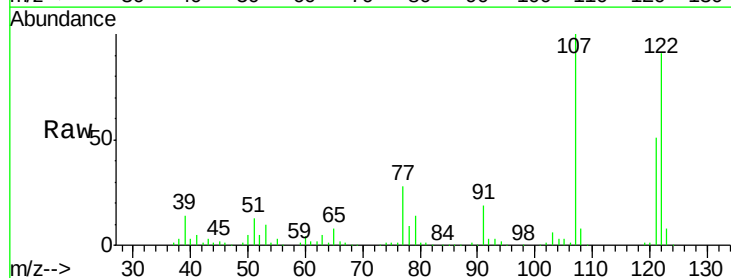
Instrument :
BNA_F
ClientSampleId :

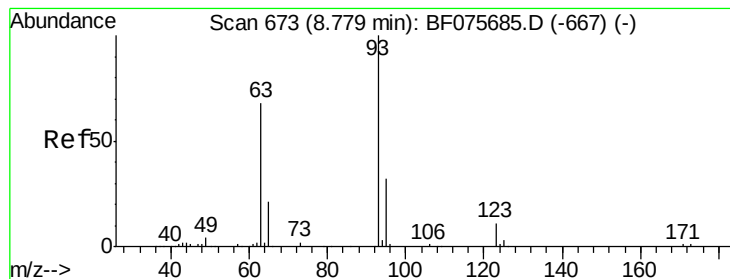
Tot Ion	Ratio	Lower	Upper
139	100		
109	19.7	22.3	33.5#
65	45.9	49.1	73.7#



#27
2,4-Dimethylphenol
Concen: 35.66 ng
RT: 8.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion	Ratio	Lower	Upper
122	100		
107	109.7	86.5	129.7
121	56.4	45.4	68.2





#28

bis(2-Chloroethoxy)methane

Concen: 40.85 ng

RT: 8.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

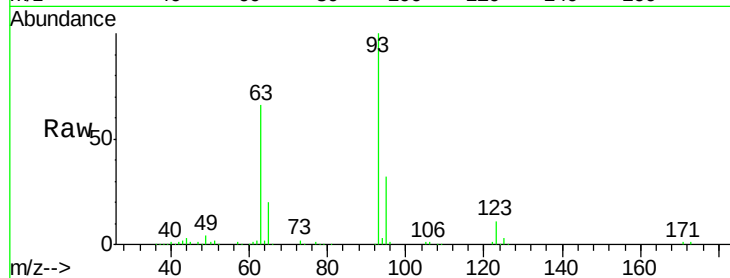
Tot Ion: 93 Resp: 271576

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	10.6	8.8	13.2

93 100

95 32.0 26.2 39.4

123 10.6 8.8 13.2

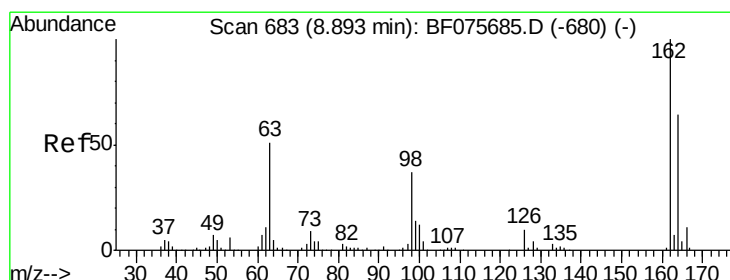
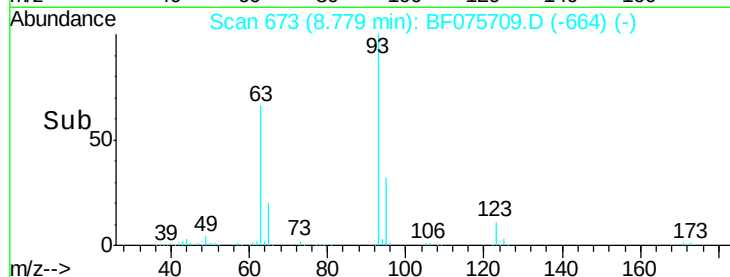
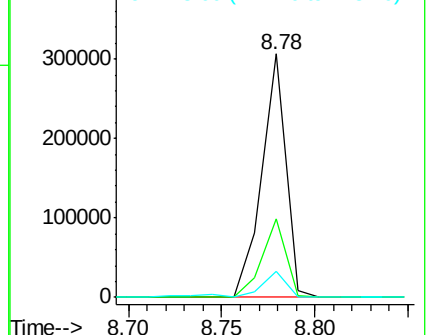


Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): BF0



#29

2,4-Dichlorophenol

Concen: 36.33 ng

RT: 8.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

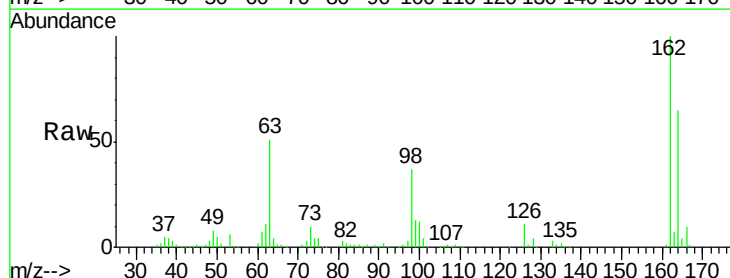
Tgt Ion: 162 Resp: 156467

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	36.7	14.6	54.6

162 100

164 64.6 43.8 83.8

98 36.7 14.6 54.6

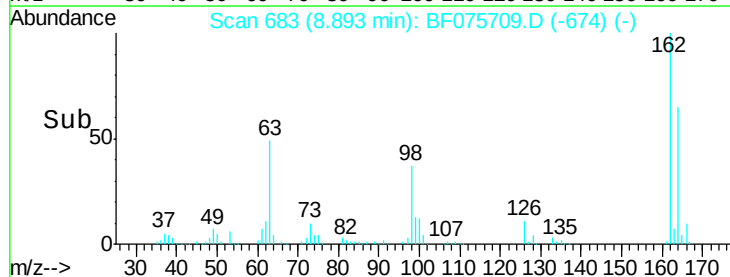
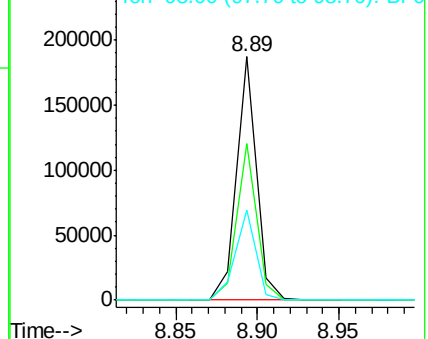


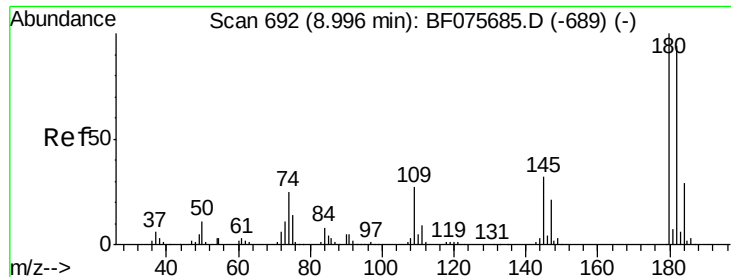
Abundance

Ion 162.00 (161.70 to 162.70): BF0

Ion 164.00 (163.70 to 164.70): BF0

Ion 98.00 (97.70 to 98.70): BF0

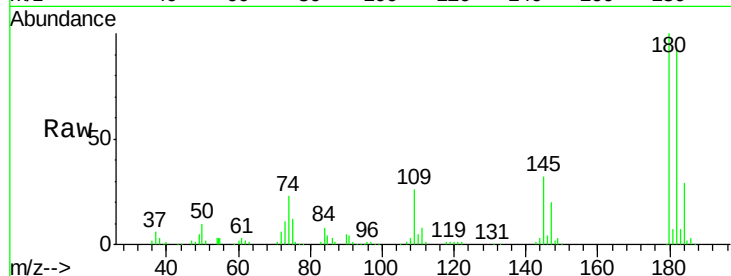




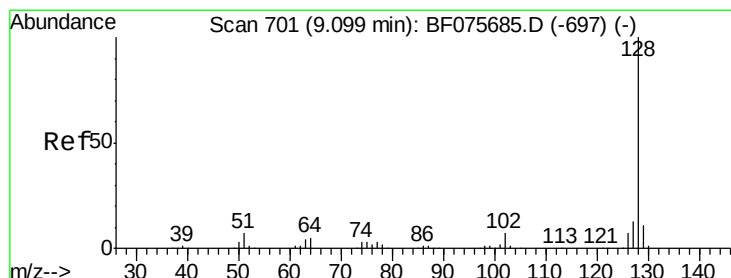
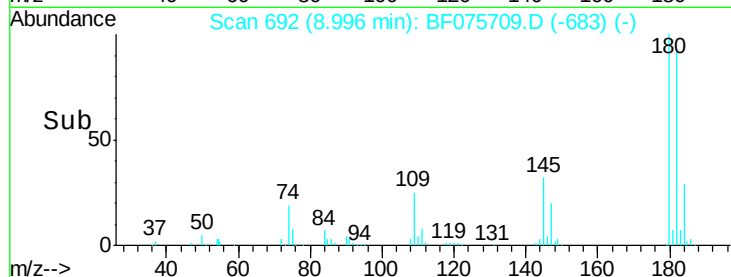
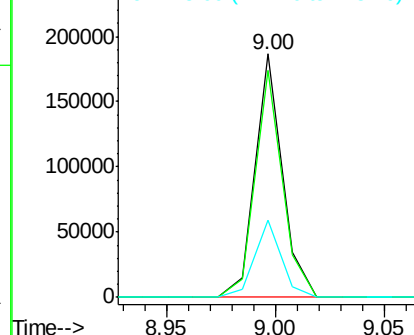
#30
 1,2,4-Trichlorobenzene
 Concen: 36.20 ng
 RT: 9.00 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:180 Resp: 162084
 Ion Ratio Lower Upper
 180 100
 182 93.0 78.4 117.6
 145 31.9 22.3 33.5

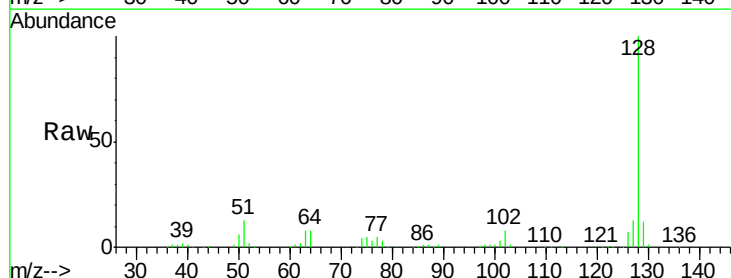


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

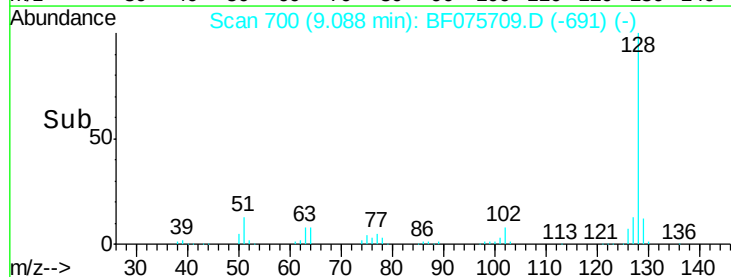
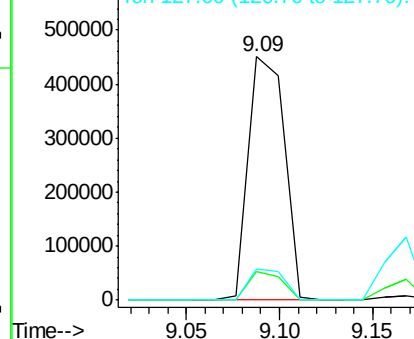


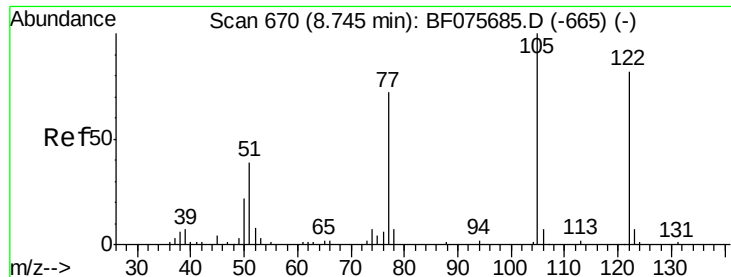
#31
 Naphthalene
 Concen: 37.38 ng
 RT: 9.09 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion:128 Resp: 601970
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.0 13.4
 127 12.7 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

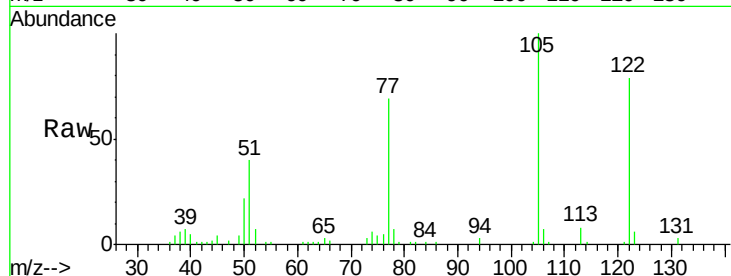




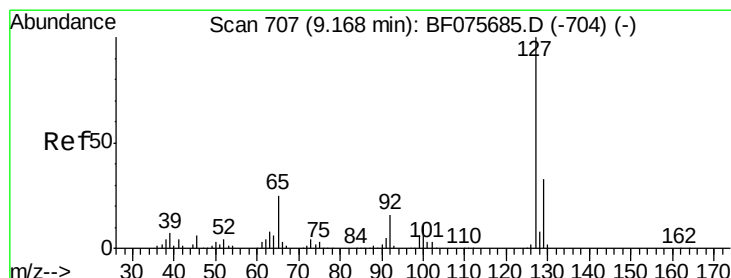
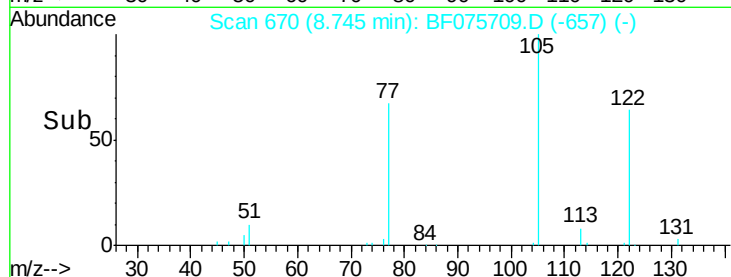
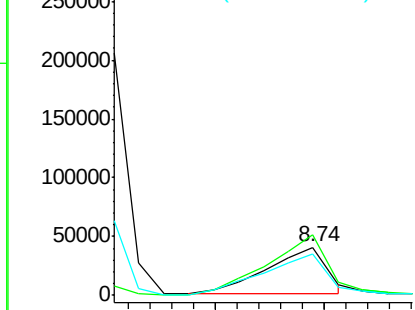
#32
Benzoic acid
Concen: 28.13 ng
RT: 8.74 min Scan# 670
Delta R.T. 0.05 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 77727
Ion Ratio Lower Upper
122 100
105 126.1 95.1 135.1
77 87.4 62.6 102.6

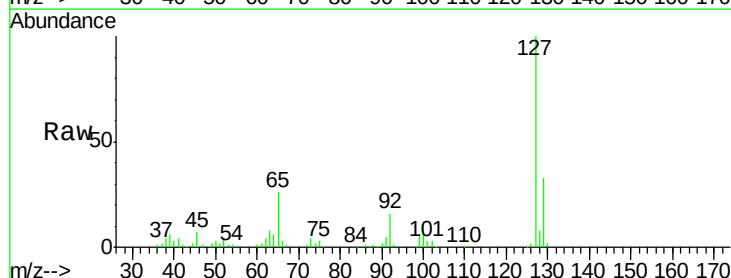


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

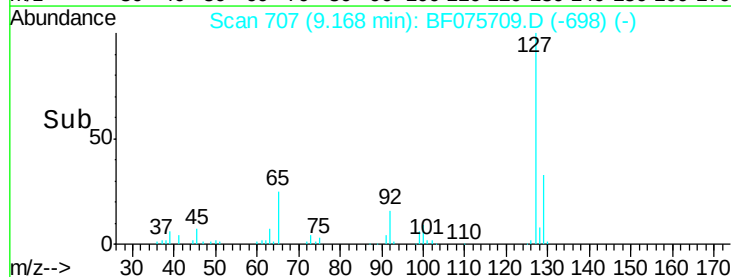
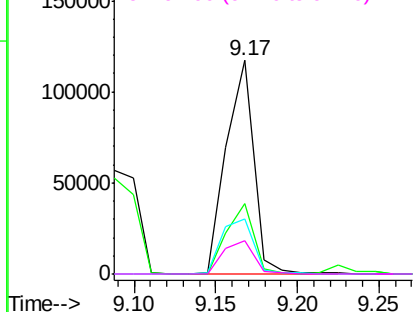


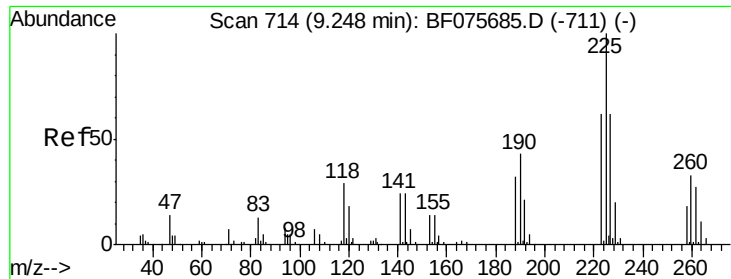
#33
4-Chloroaniline
Concen: 19.80 ng
RT: 9.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:127 Resp: 136765
Ion Ratio Lower Upper
127 100
129 33.1 25.5 38.3
65 25.7 22.8 34.2
92 15.5 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

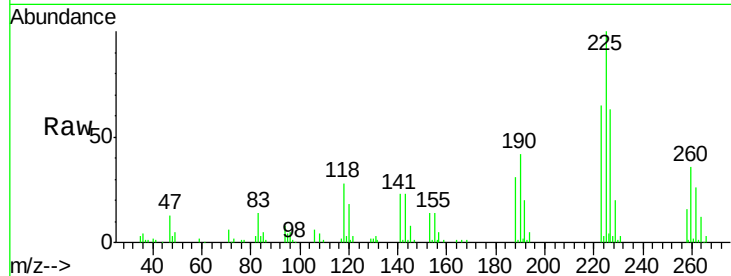




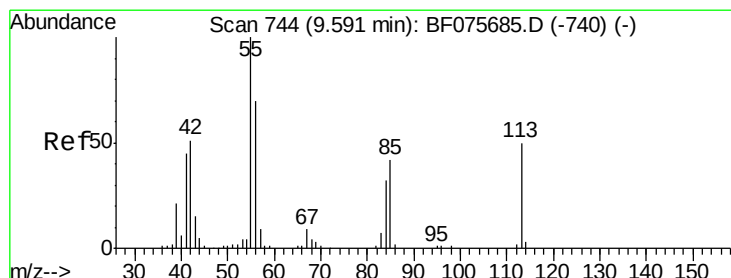
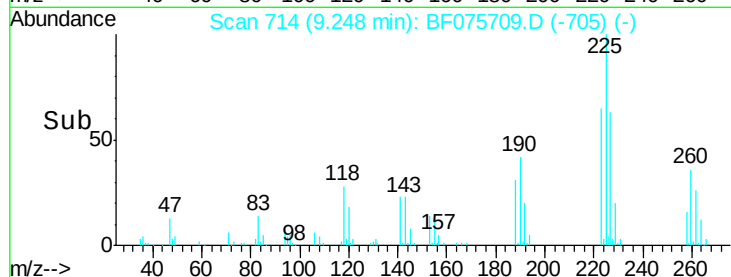
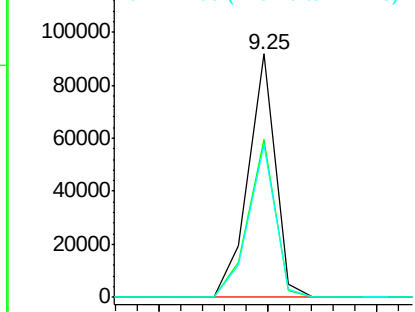
#34
Hexachlorobutadiene
Concen: 36.20 ng
RT: 9.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 79575
Ion Ratio Lower Upper
225 100
223 64.6 51.0 76.6
227 63.0 48.6 73.0

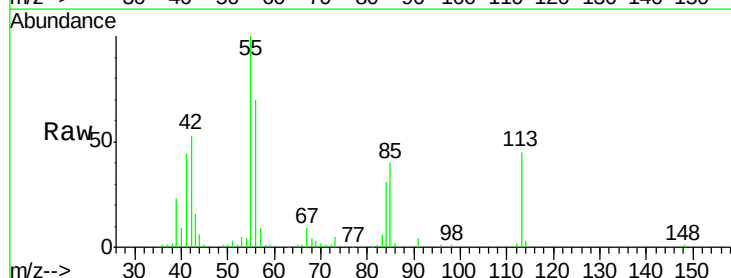


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

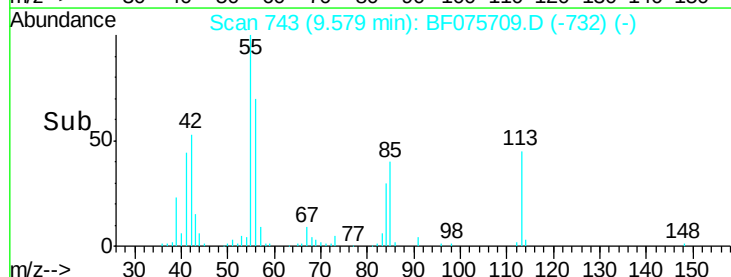
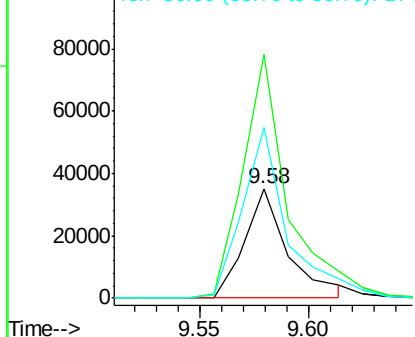


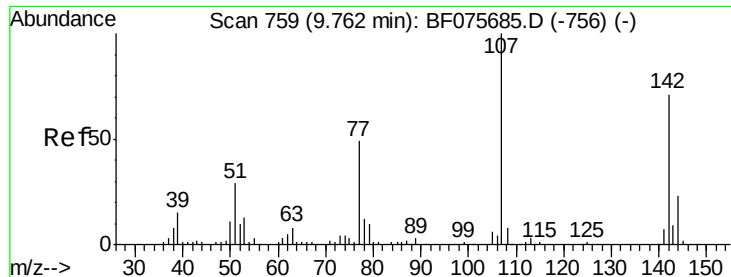
#35
Caprolactam
Concen: 34.08 ng
RT: 9.58 min Scan# 743
Delta R.T. 0.02 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:113 Resp: 48728
Ion Ratio Lower Upper
113 100
55 222.3 226.9 266.9#
56 156.2 148.4 188.4



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

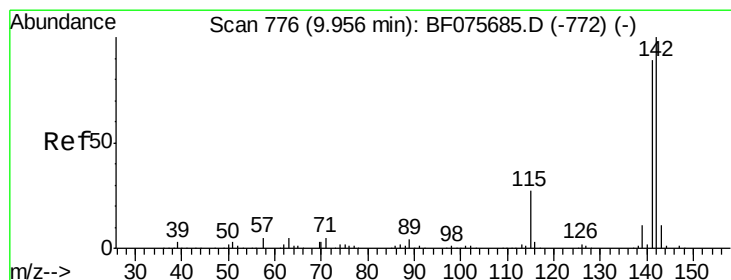
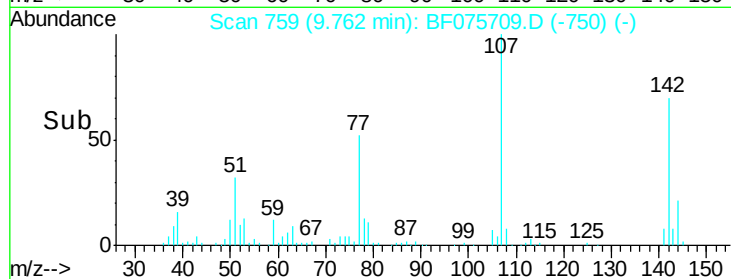
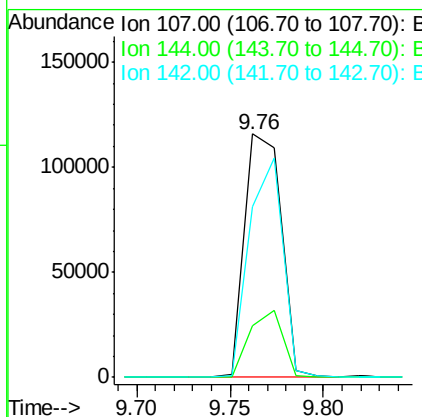
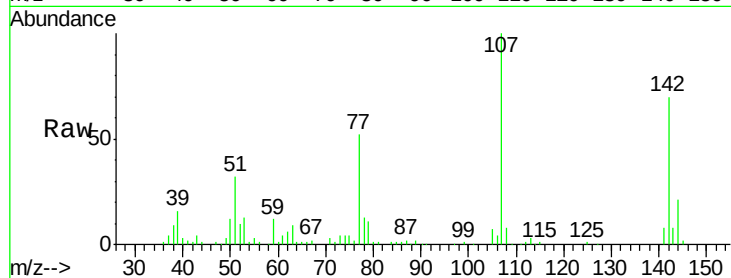




#36
 4-Chloro-3-methylphenol
 Concen: 34.32 ng
 RT: 9.76 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

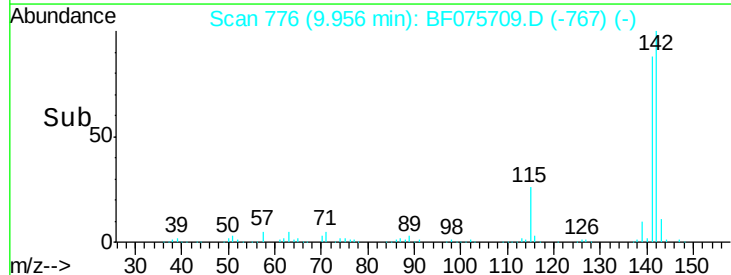
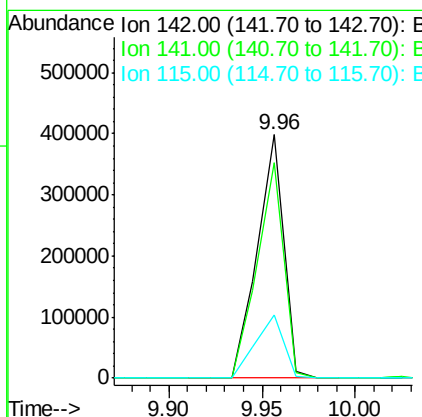
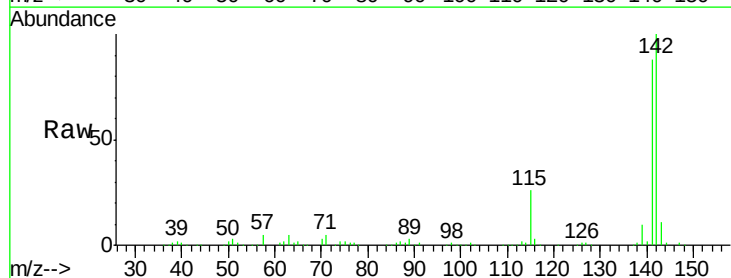
Instrument :
 BNA_F
 ClientSampleId :

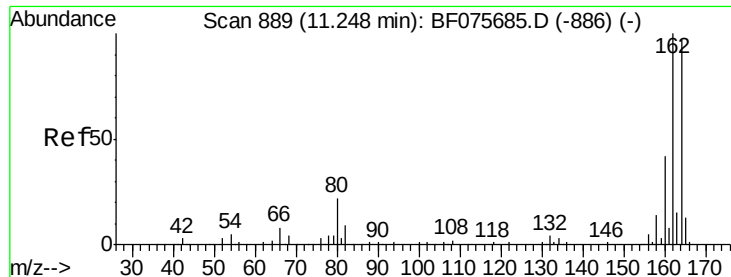
Tot Ion:107 Resp: 158598
 Ion Ratio Lower Upper
 107 100
 144 21.0 19.1 28.7
 142 69.8 62.9 94.3



#37
 2-Methylnaphthalene
 Concen: 36.31 ng
 RT: 9.96 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion:142 Resp: 389325
 Ion Ratio Lower Upper
 142 100
 141 88.3 69.9 104.9
 115 26.0 27.6 41.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

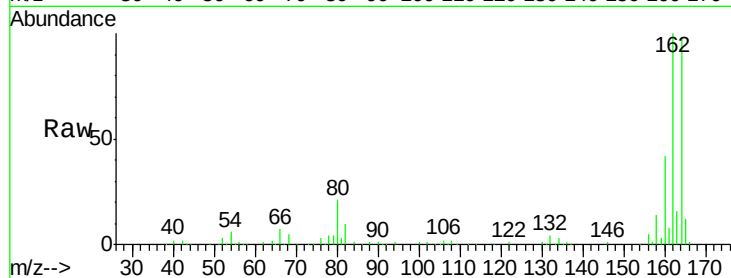
Tot Ion:164 Resp: 154180

Ion Ratio Lower Upper

164 100

162 101.7 79.1 118.7

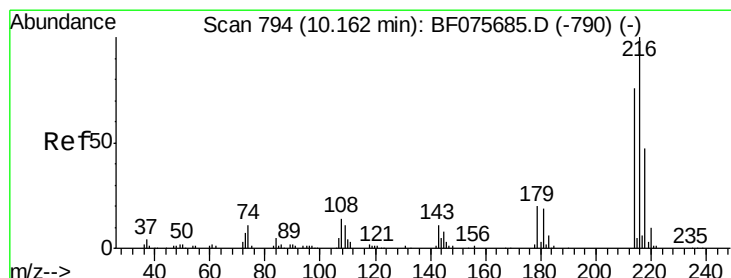
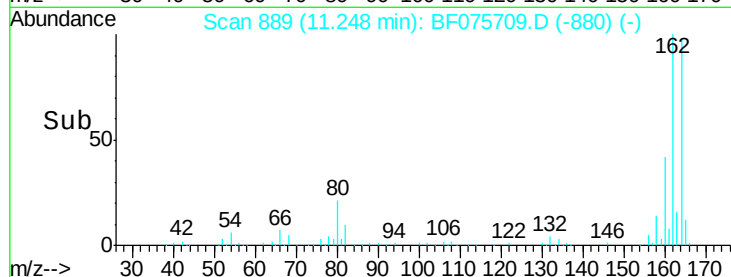
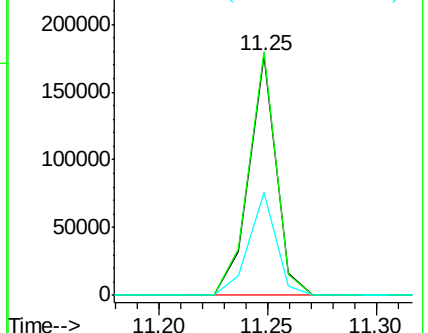
160 43.0 34.6 51.8



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: 34.98 ng

RT: 10.16 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Tgt Ion:216 Resp: 124320

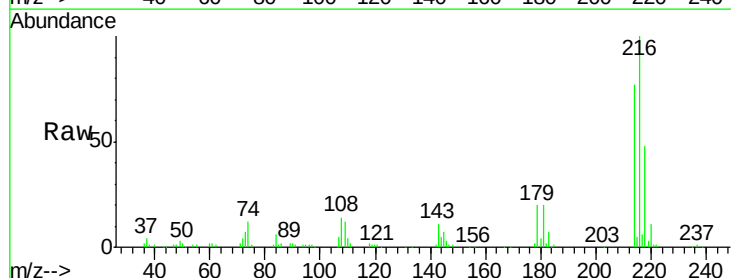
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 21.6 18.7 28.1

108 21.4 18.1 27.1

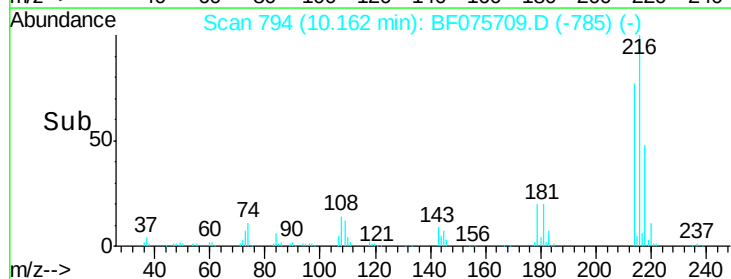
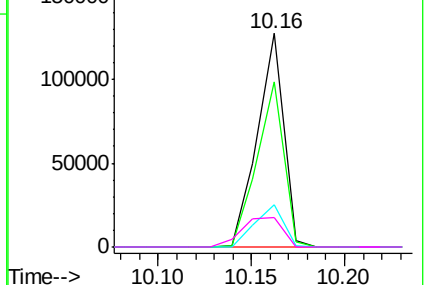


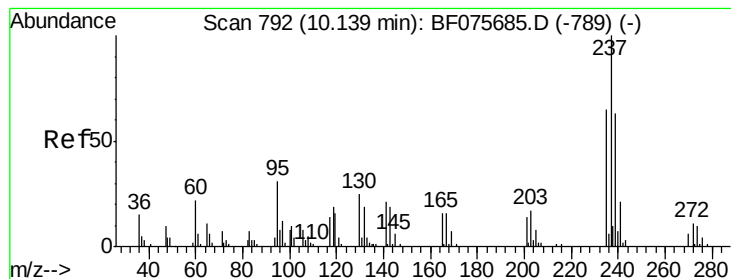
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 62.22 ng

RT: 10.14 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

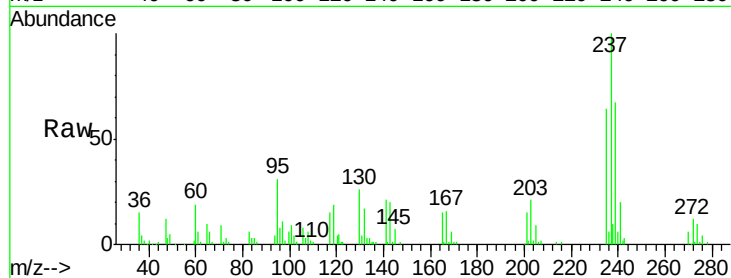
Tot Ion:237 Resp: 106520

Ion Ratio Lower Upper

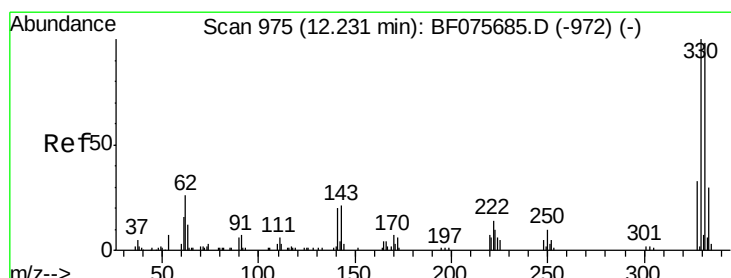
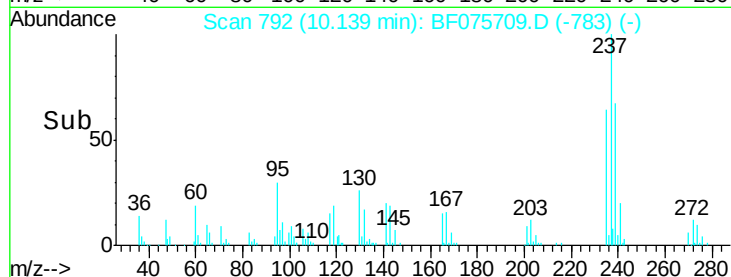
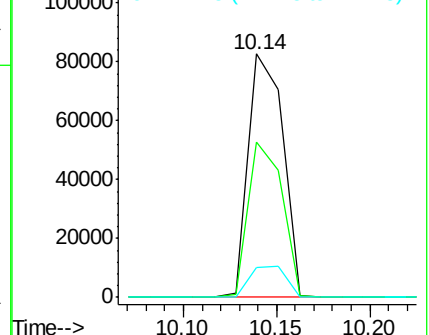
237 100

235 63.7 45.7 85.7

272 12.3 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 120.98 ng

RT: 12.23 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

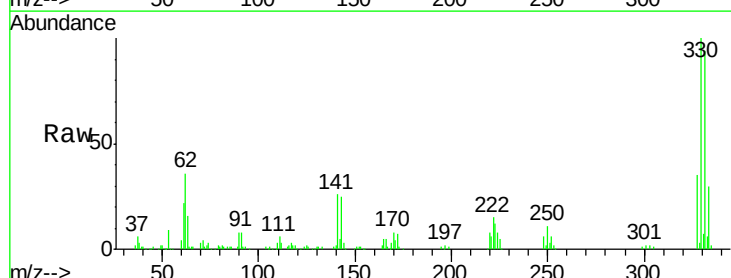
Tgt Ion:330 Resp: 152074

Ion Ratio Lower Upper

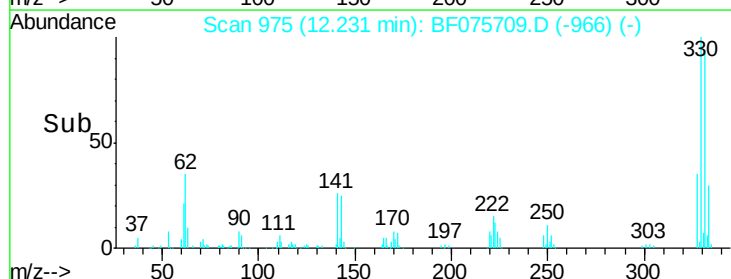
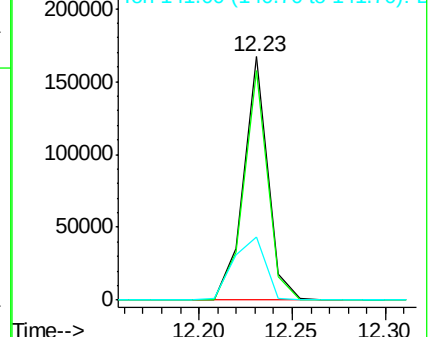
330 100

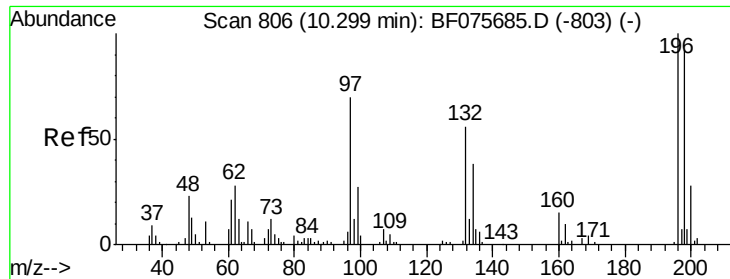
332 93.5 74.5 111.7

141 34.6 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

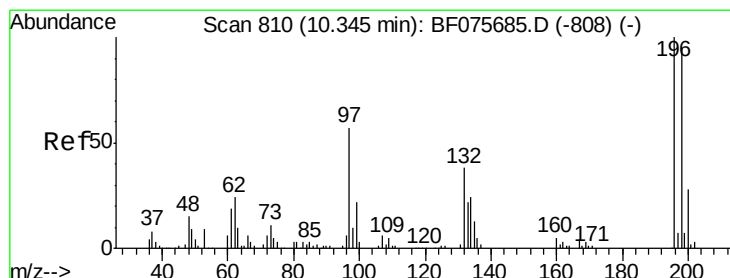
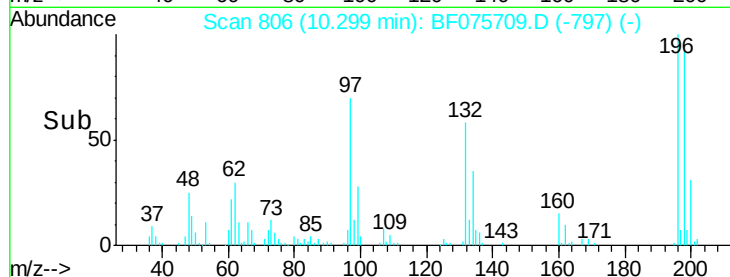
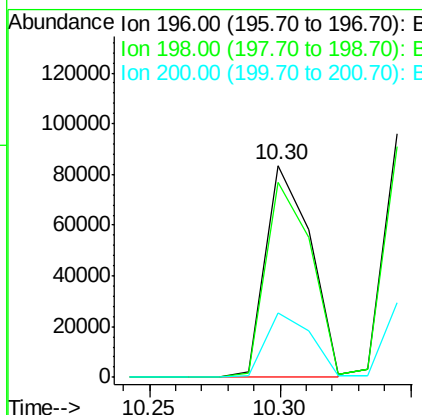
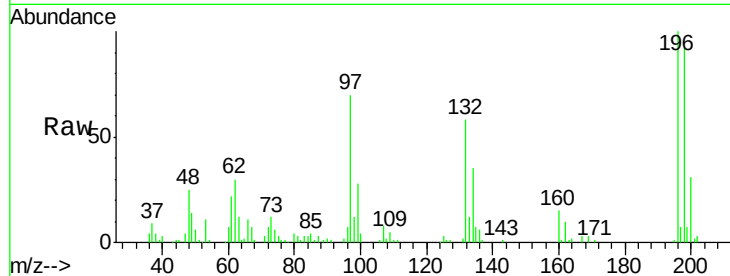




#42
2,4,6-Trichlorophenol
Concen: 36.80 ng
RT: 10.30 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

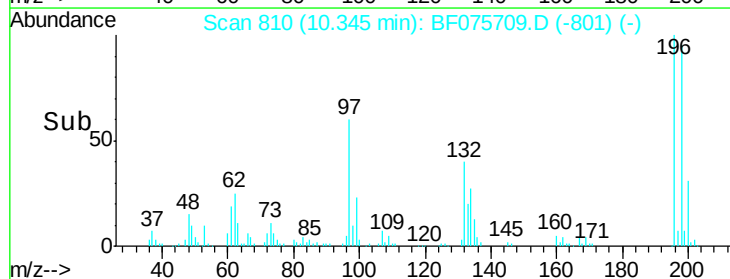
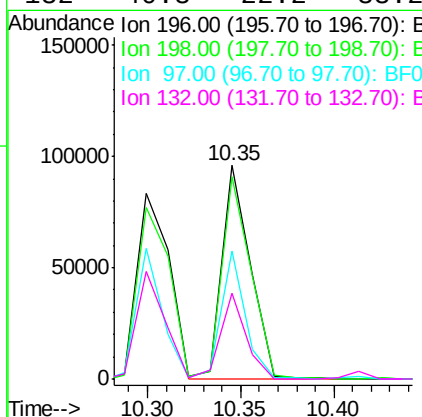
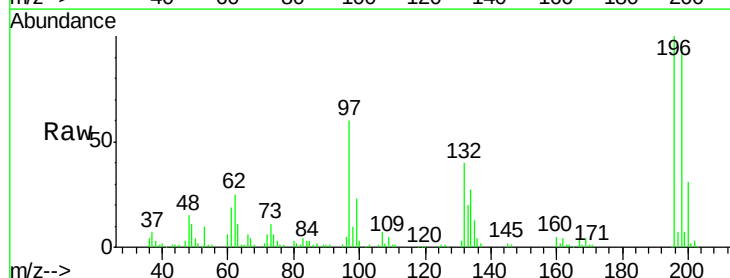
Instrument :
BNA_F
ClientSampled :

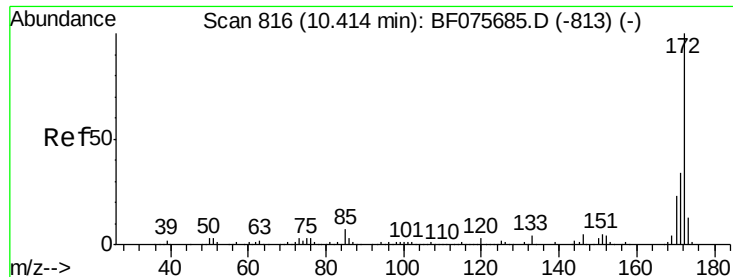
Tot Ion:196 Resp: 99322
Ion Ratio Lower Upper
196 100
198 92.3 75.7 113.5
200 30.6 23.4 35.0



#43
2,4,5-Trichlorophenol
Concen: 34.90 ng
RT: 10.35 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:196 Resp: 101874
Ion Ratio Lower Upper
196 100
198 94.8 78.2 117.4
97 60.0 29.9 44.9#
132 40.3 22.2 33.2#

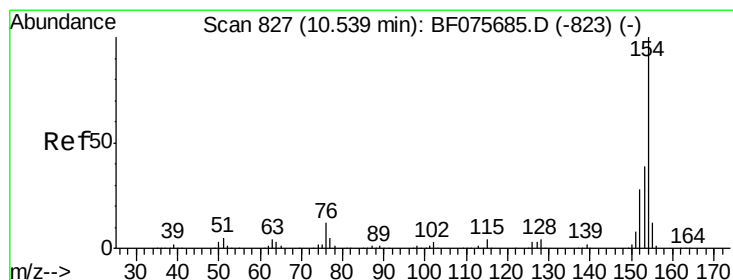
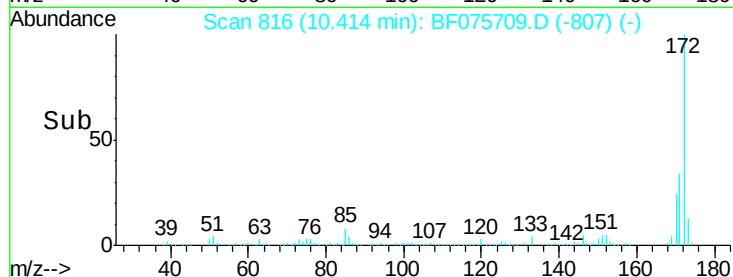
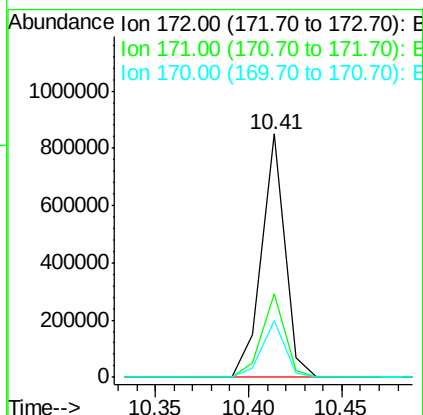
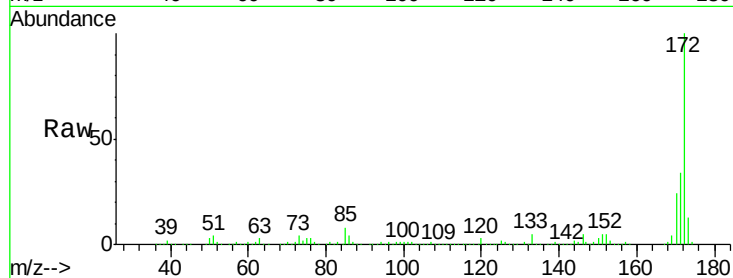




#44
 2-Fluorobiphenyl
 Concen: 74.28 ng
 RT: 10.41 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

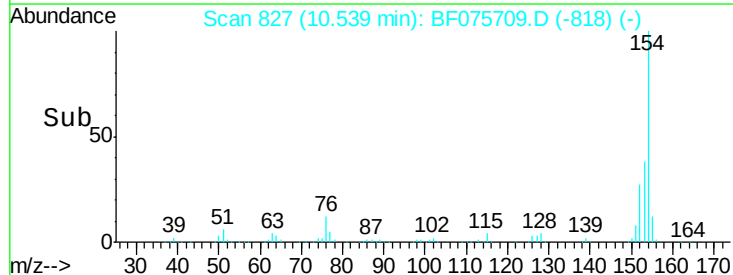
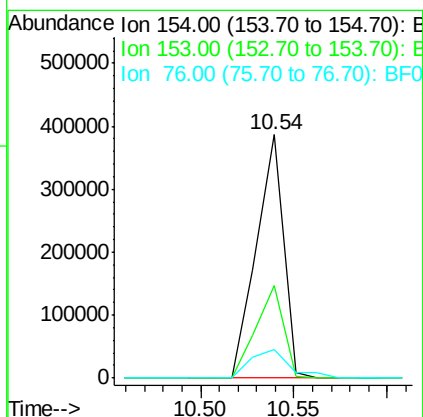
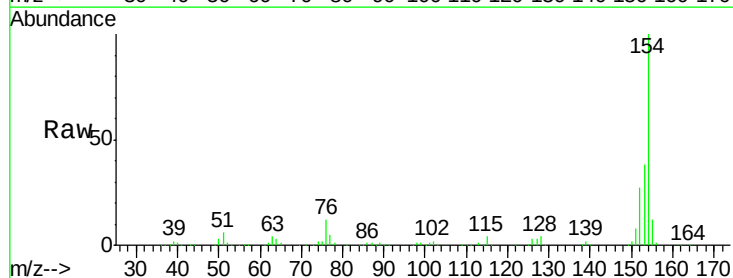
Instrument :
 BNA_F
 ClientSampleId :

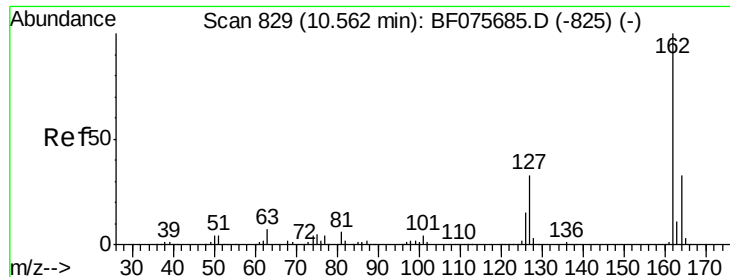
Tot Ion:172 Resp: 731540
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.3 40.9
 170 23.5 18.4 27.6



#45
 1,1'-Biphenyl
 Concen: 33.62 ng
 RT: 10.54 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion:154 Resp: 388960
 Ion Ratio Lower Upper
 154 100
 153 38.3 19.3 59.3
 76 11.6 0.0 35.0

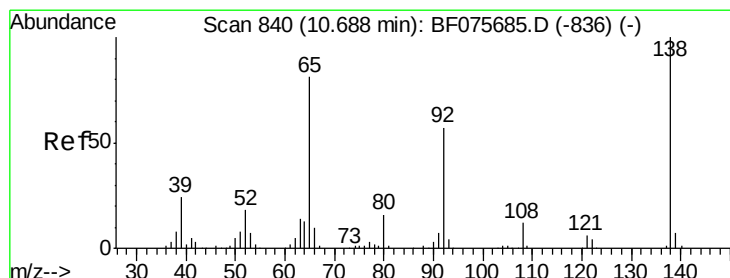
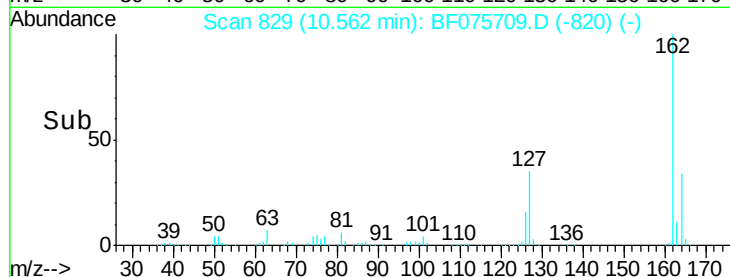
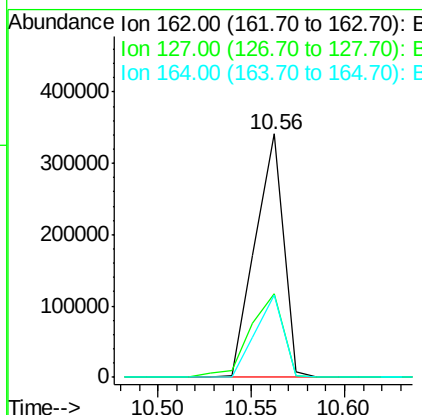
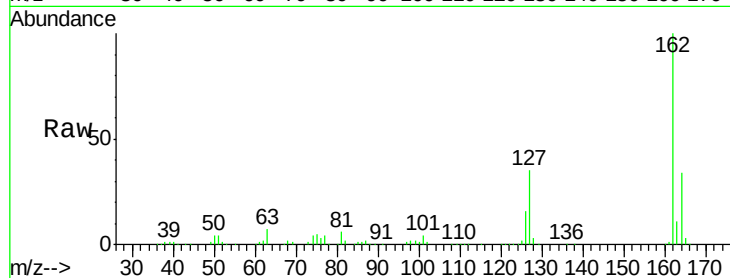




#46
 2-Chloronaphthalene
 Concen: 38.23 ng
 RT: 10.56 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

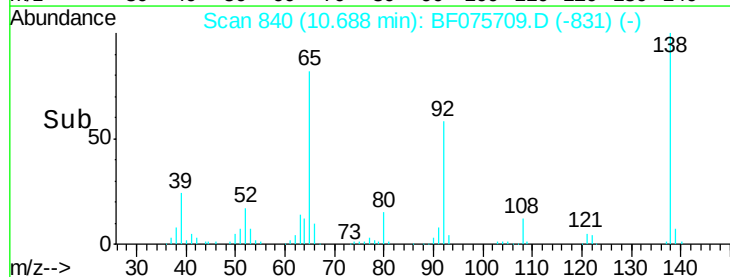
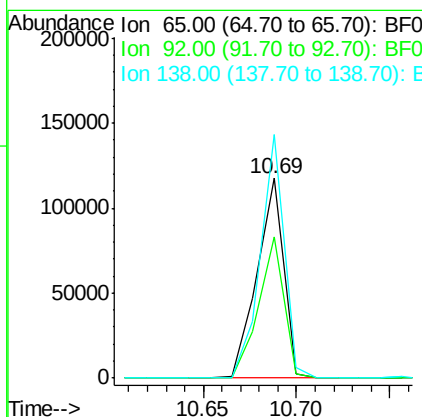
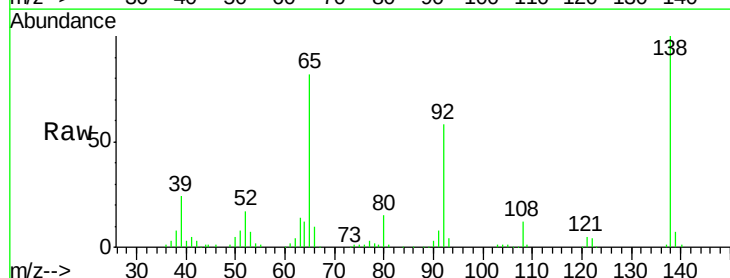
Instrument :
 BNA_F
 ClientSampleId :

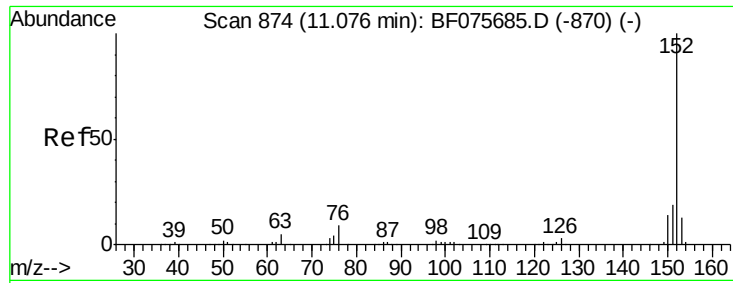
Tot Ion:162 Resp: 357657
 Ion Ratio Lower Upper
 162 100
 127 34.5 34.6 51.8#
 164 33.9 25.1 37.7



#47
 2-Nitroaniline
 Concen: 37.91 ng
 RT: 10.69 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion: 65 Resp: 115208
 Ion Ratio Lower Upper
 65 100
 92 70.8 46.7 70.1#
 138 121.8 62.8 94.2#





#48

Acenaphthylene

Concen: 37.69 ng

RT: 11.08 min Scan# 874

Delta R.T. 0.01 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

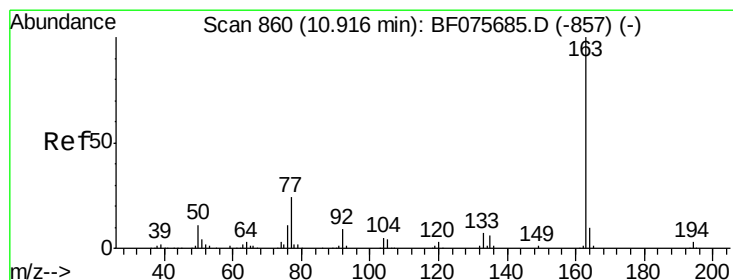
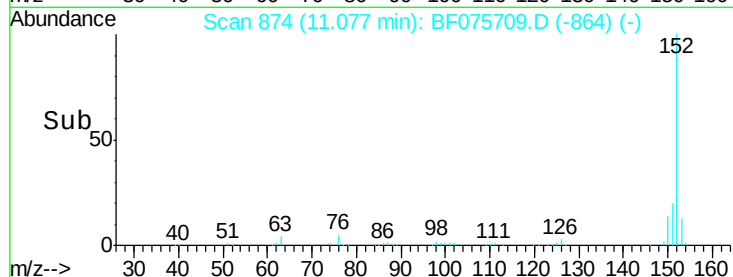
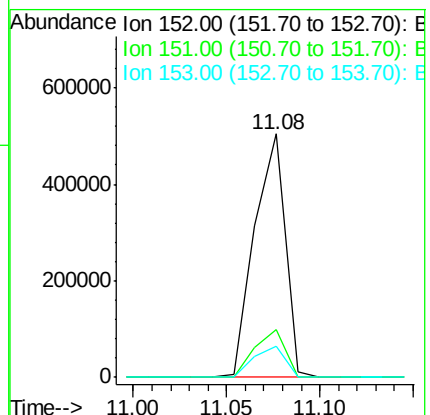
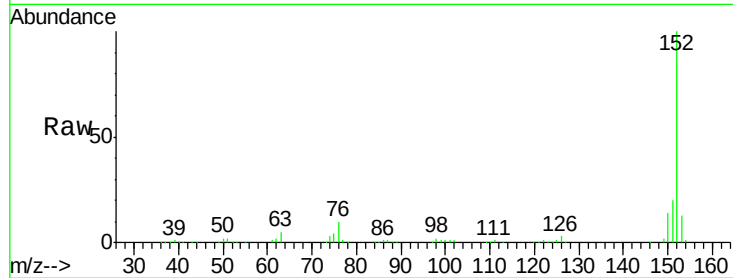
Tot Ion:152 Resp: 575146

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.2

153 12.7 10.0 15.0



#49

Dimethylphthalate

Concen: 37.02 ng

RT: 10.92 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

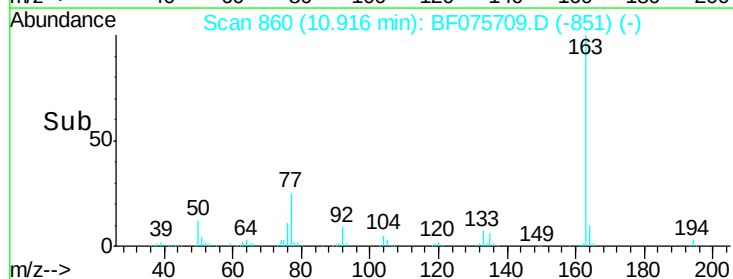
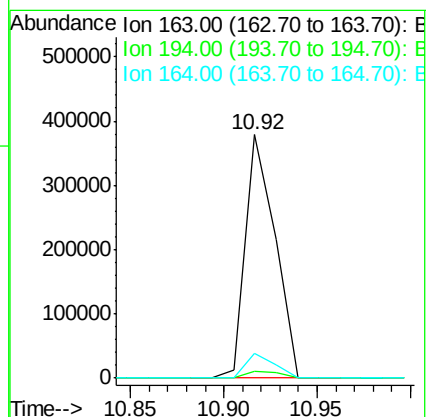
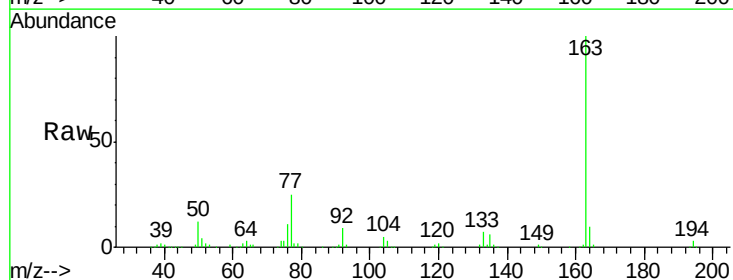
Tgt Ion:163 Resp: 416750

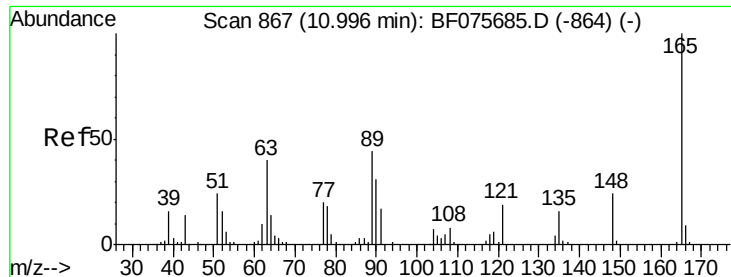
Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

164 10.3 8.0 12.0

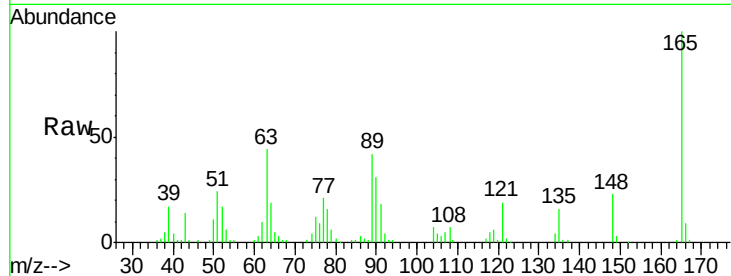




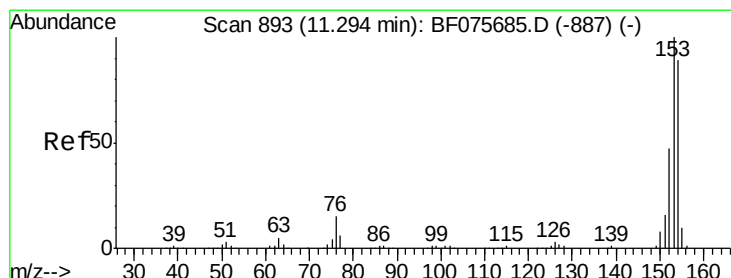
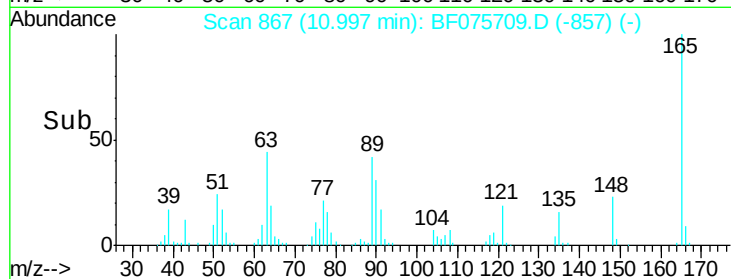
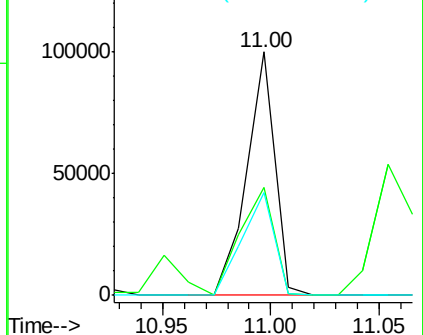
#50
2,6-Dinitrotoluene
Concen: 39.05 ng
RT: 11.00 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 89697
Ion Ratio Lower Upper
165 100
63 44.4 61.2 91.8#
89 42.2 52.5 78.7#

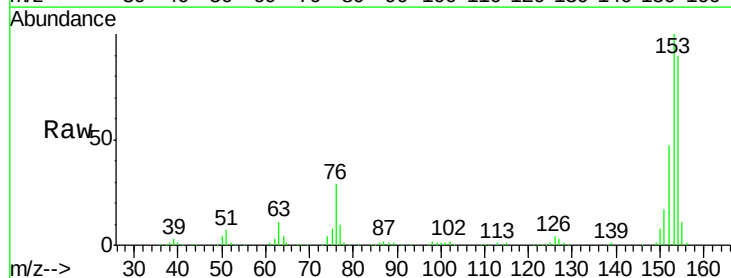


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

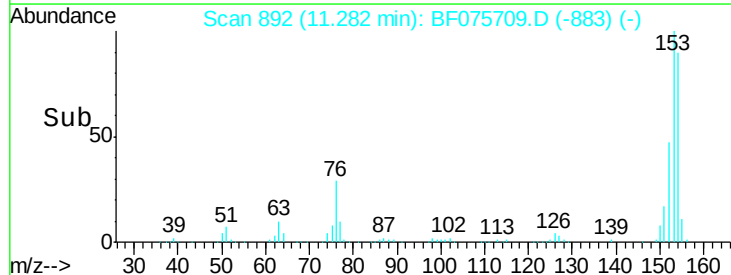
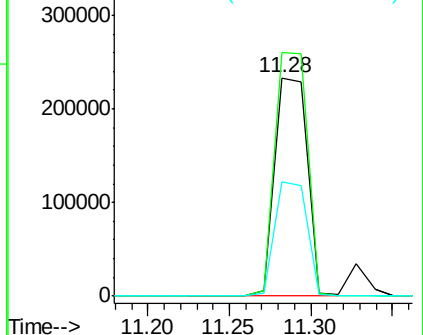


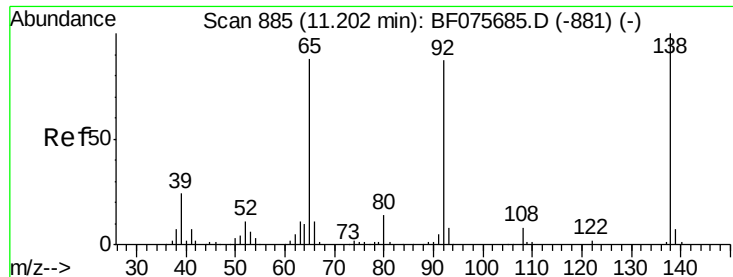
#51
Acenaphthene
Concen: 36.91 ng
RT: 11.28 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:154 Resp: 324883
Ion Ratio Lower Upper
154 100
153 111.5 91.2 136.8
152 52.2 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

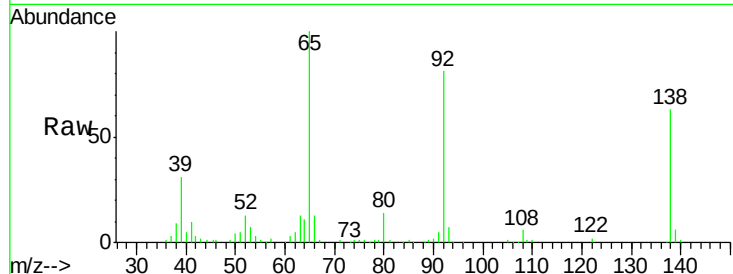




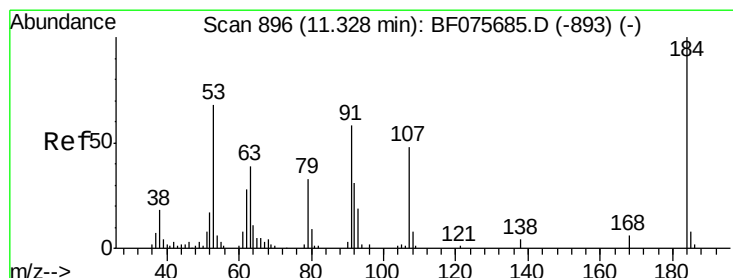
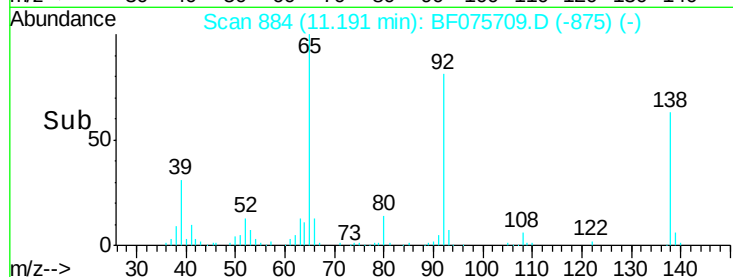
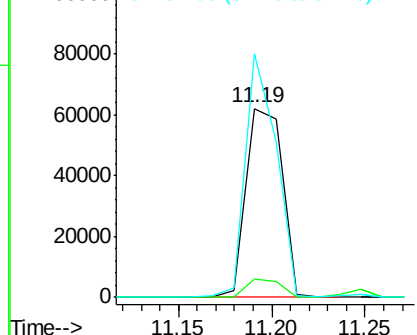
#52
 3-Nitroaniline
 Concen: 28.03 ng
 RT: 11.19 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 85242
 Ion Ratio Lower Upper
 138 100
 108 10.0 10.2 15.2#
 92 129.0 91.0 136.6

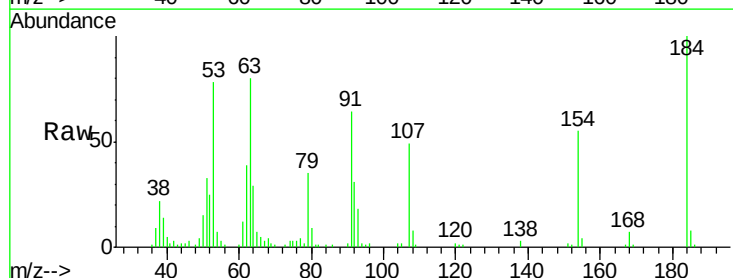


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

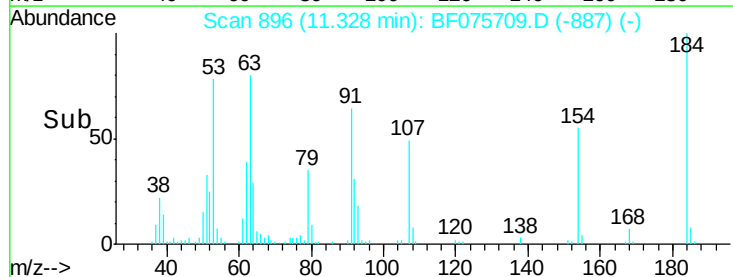
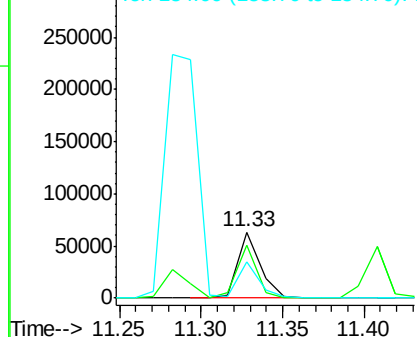


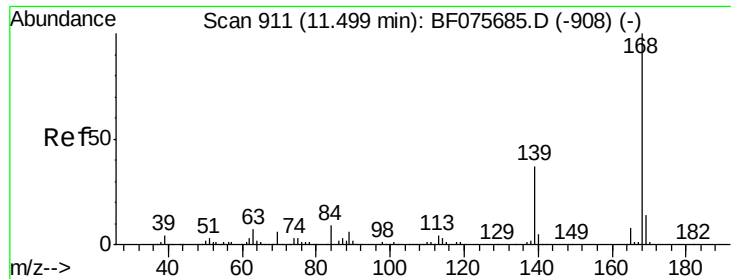
#53
 2,4-Dinitrophenol
 Concen: 57.35 ng
 RT: 11.33 min Scan# 896
 Delta R.T. 0.00 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion:184 Resp: 60153
 Ion Ratio Lower Upper
 184 100
 63 79.6 96.3 144.5#
 154 54.7 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

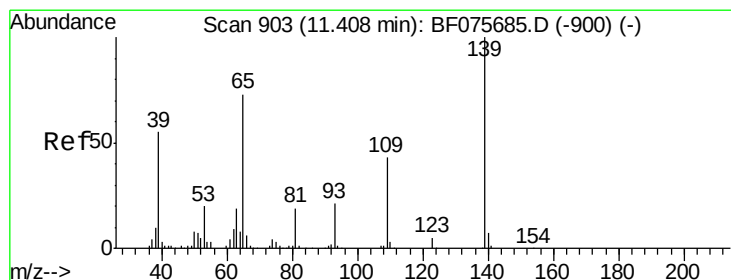
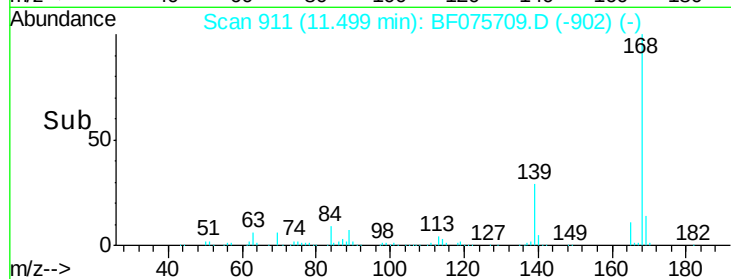
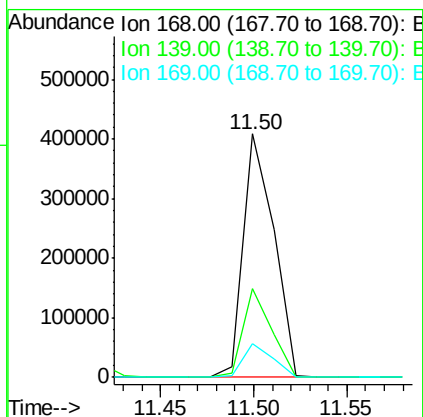
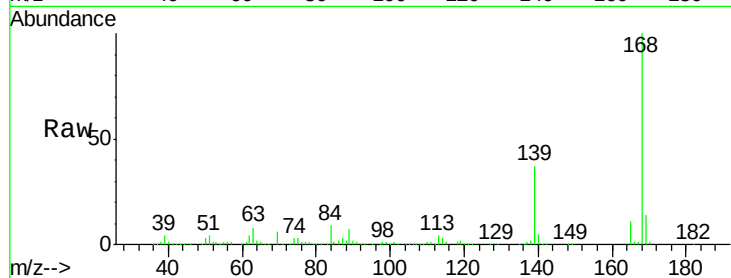




#54
Dibenzenofuran
Concen: 36.04 ng
RT: 11.50 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

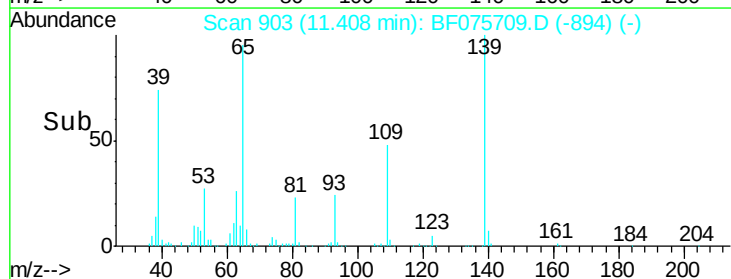
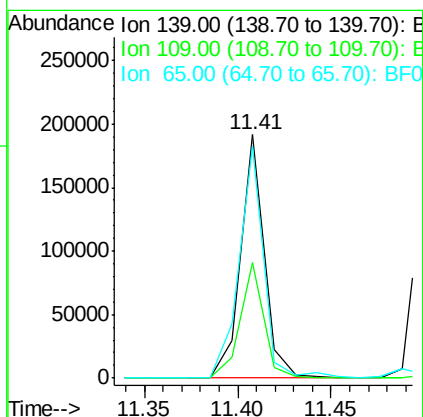
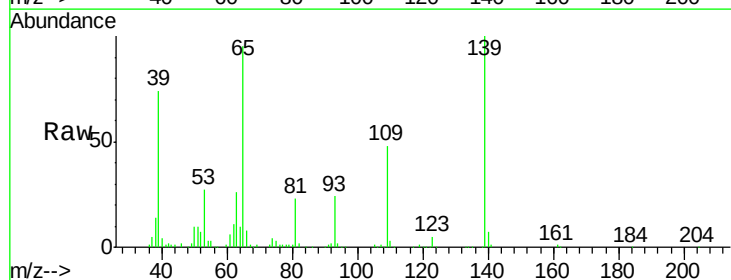
Instrument :
BNA_F
ClientSampleId :

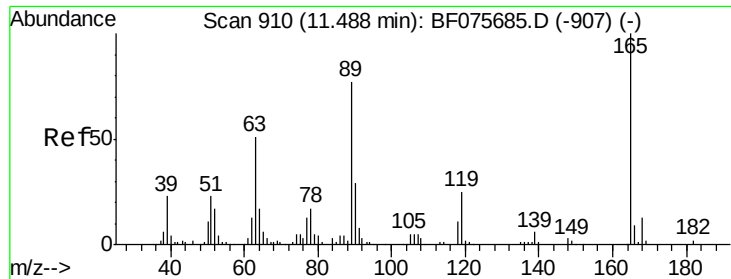
Tot Ion:168 Resp: 463870
Ion Ratio Lower Upper
168 100
139 36.5 33.0 49.4
169 13.7 10.8 16.2



#55
4-Nitrophenol
Concen: 74.76 ng
RT: 11.41 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:139 Resp: 169744
Ion Ratio Lower Upper
139 100
109 47.7 45.8 85.8
65 95.4 94.8 134.8

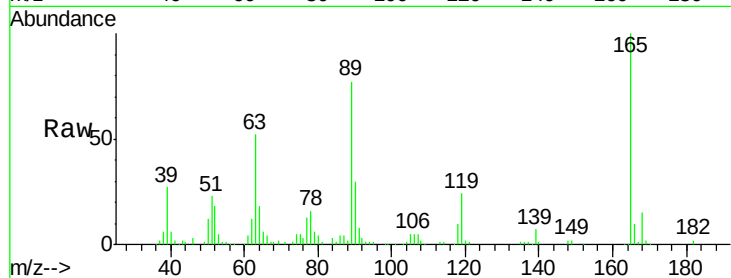




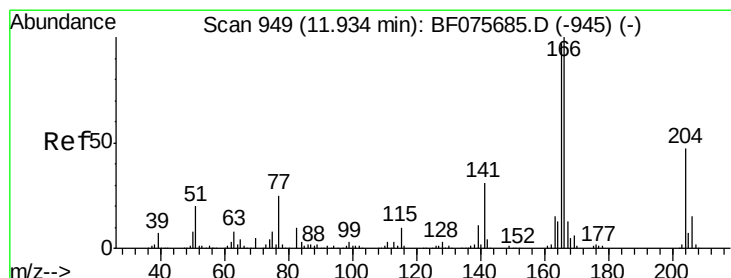
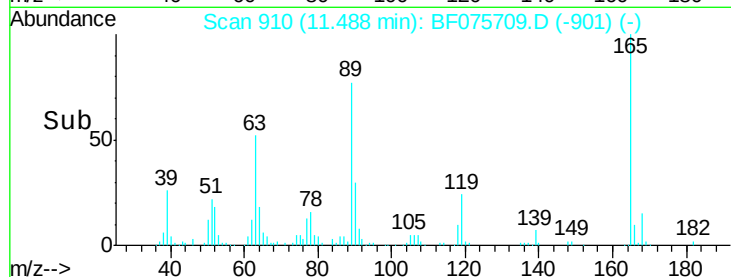
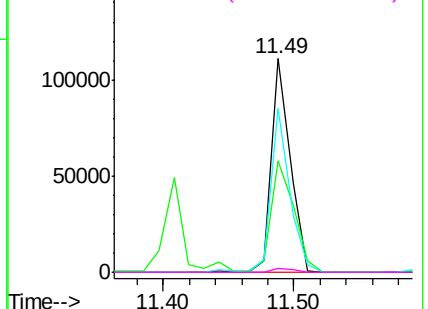
#56
2,4-Dinitrotoluene
Concen: 37.39 ng
RT: 11.49 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 112145
Ion Ratio Lower Upper
165 100
63 52.2 27.0 40.6#
89 76.9 47.8 71.6#
182 1.7 1.7 2.5

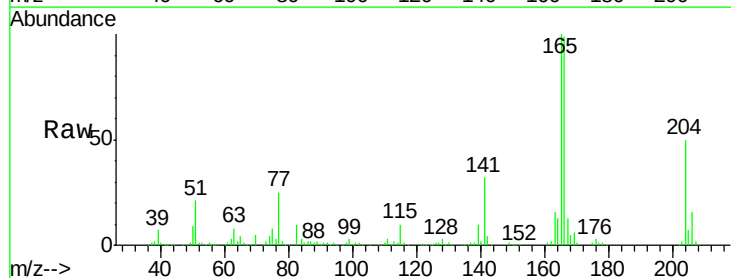


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

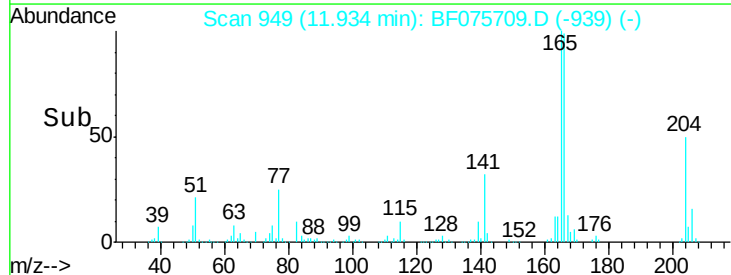
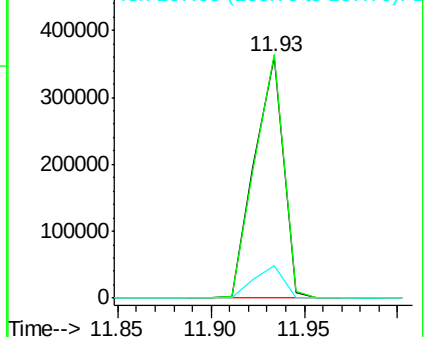


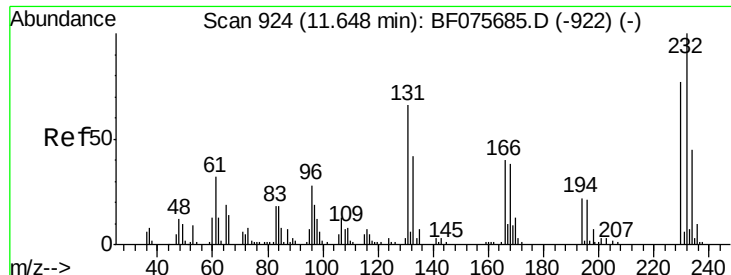
#57
Fluorene
Concen: 37.41 ng
RT: 11.93 min Scan# 949
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:166 Resp: 388843
Ion Ratio Lower Upper
166 100
165 100.8 78.8 118.2
167 13.3 10.6 15.8



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

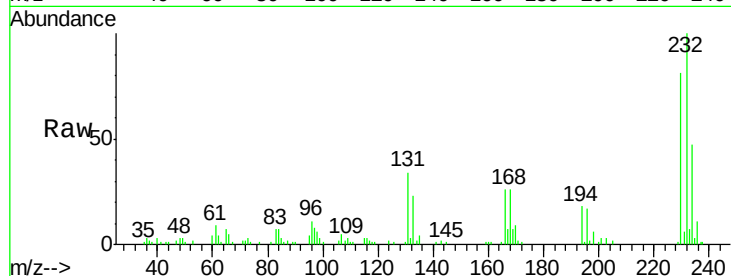




#58
2,3,4,6-Tetrachlorophenol
Concen: 37.35 ng
RT: 11.66 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	51.9	44.6	67.0
130	2.1	2.5	3.7#
166	34.9	29.3	43.9

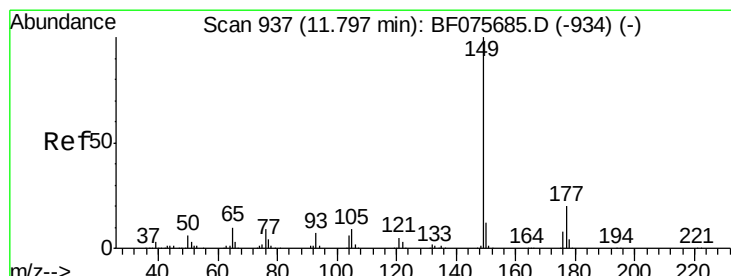
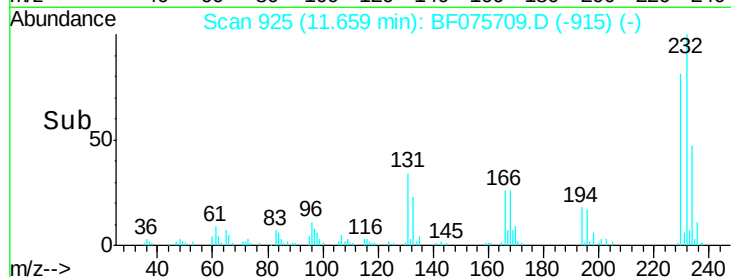
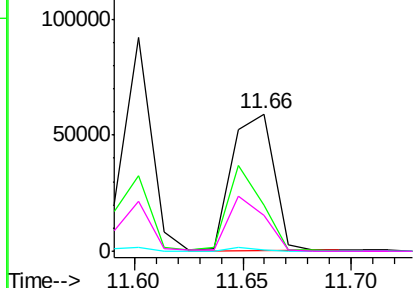


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

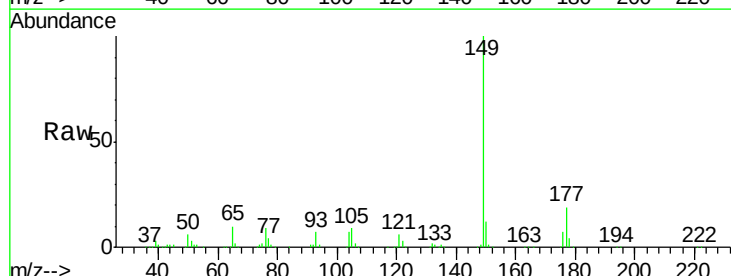
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
Diethylphthalate
Concen: 36.13 ng
RT: 11.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

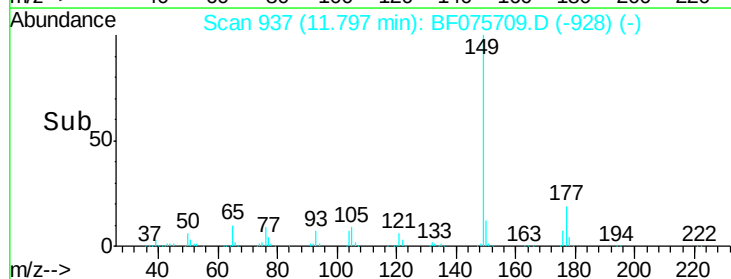
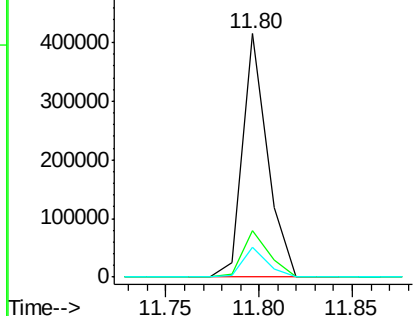
Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.0	15.8	23.8
150	12.5	9.9	14.9

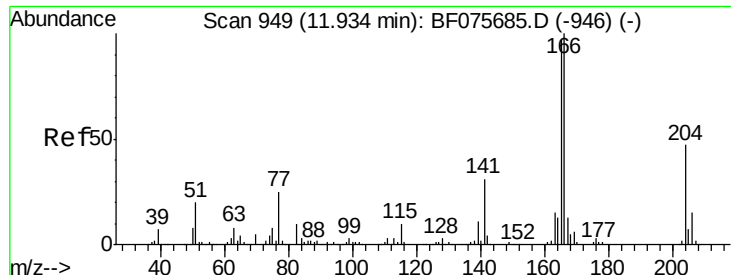


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

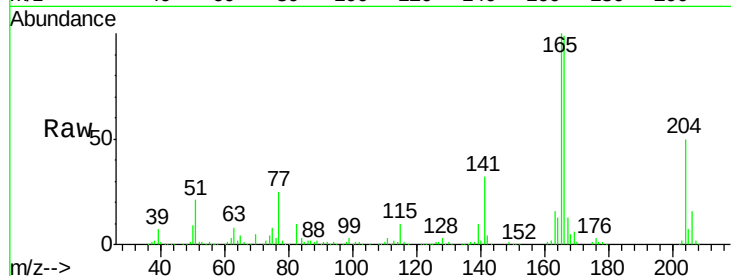




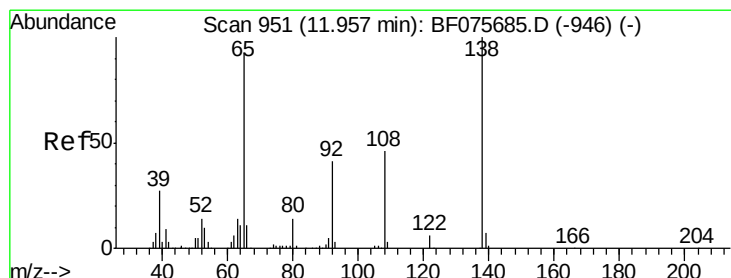
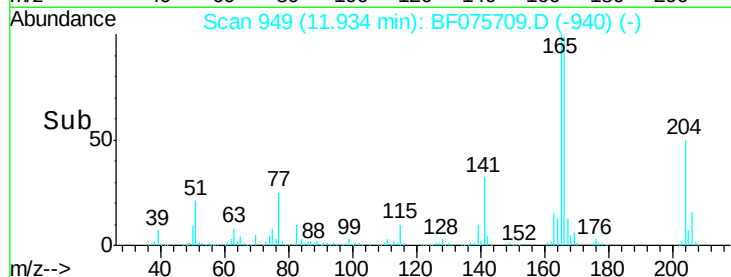
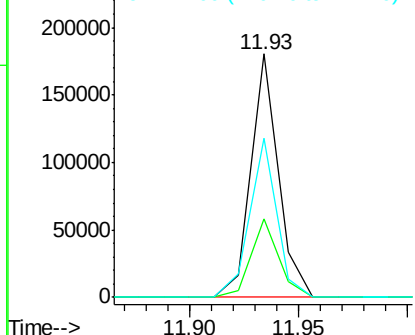
#60
4-Chlorophenyl-phenylether
Concen: 38.00 ng
RT: 11.93 min Scan# 949
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 157722
Ion Ratio Lower Upper
204 100
206 32.1 25.1 37.7
141 65.3 58.6 87.8

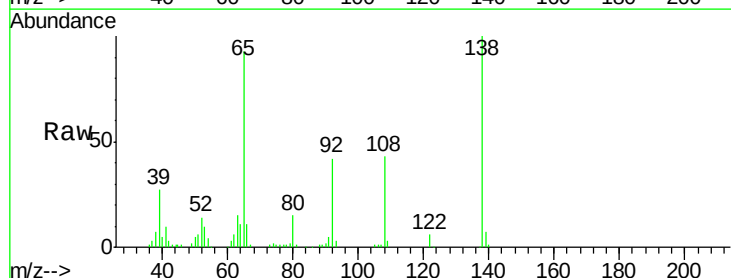


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

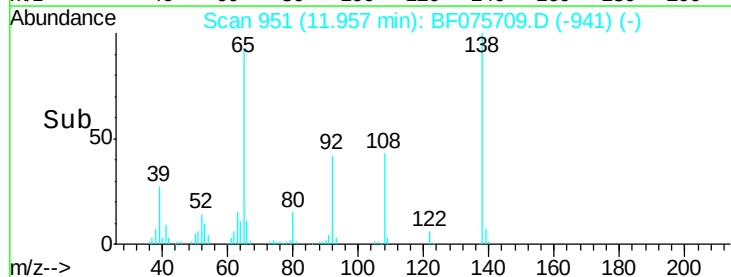
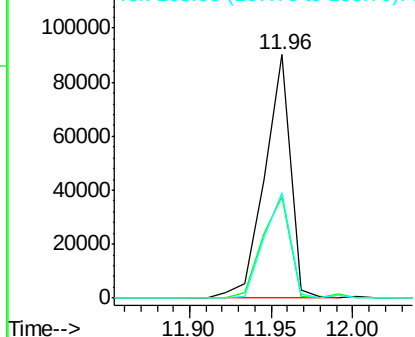


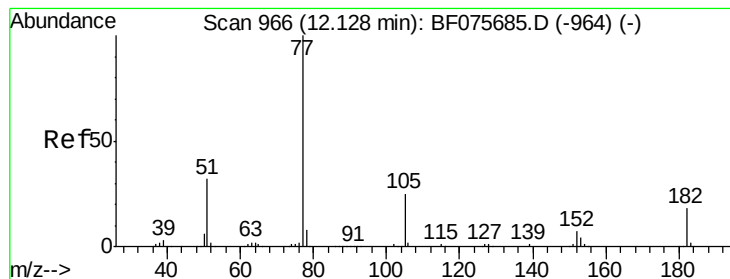
#61
4-Nitroaniline
Concen: 34.33 ng
RT: 11.96 min Scan# 951
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:138 Resp: 99593
Ion Ratio Lower Upper
138 100
92 41.7 34.8 74.8
108 43.3 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: 38.13 ng

RT: 12.13 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 401755

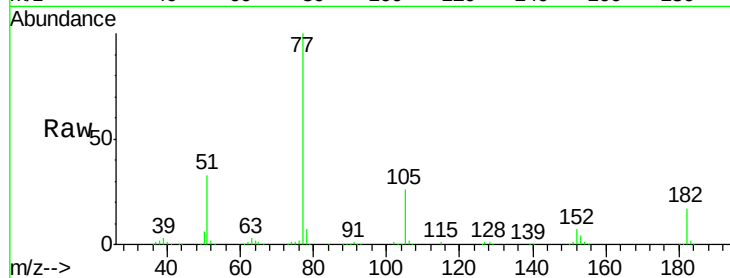
Ion Ratio Lower Upper

77 100

182 16.6 0.0 37.1

105 25.8 3.7 43.7

51 33.4 18.7 58.7

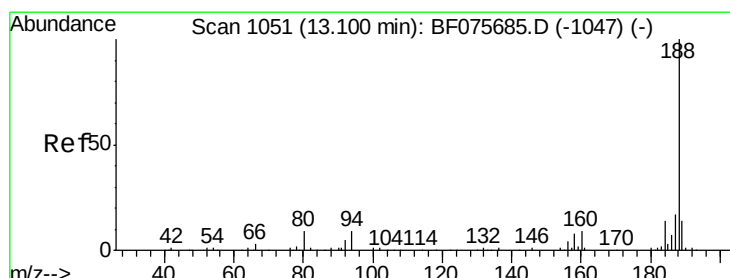
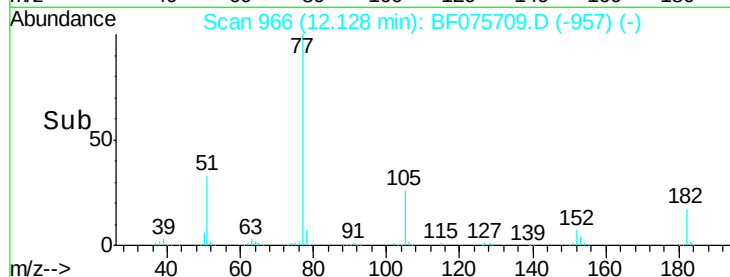
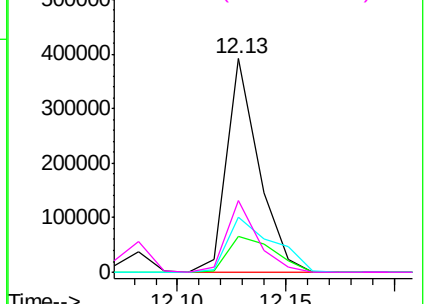


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF075709.D

Acq: 20 Nov 2014 13:53

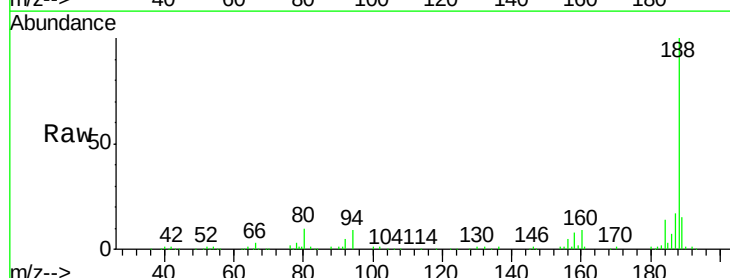
Tgt Ion: 188 Resp: 242850

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

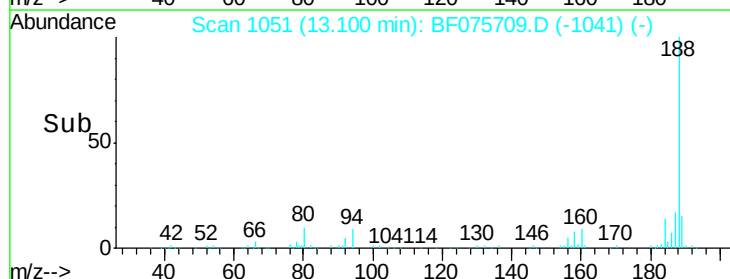
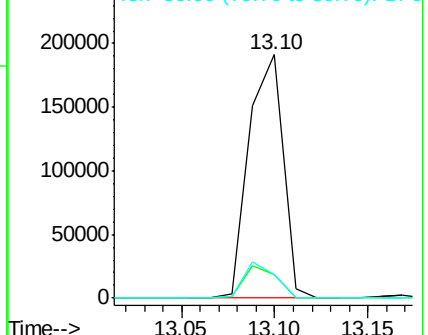
80 9.7 8.0 12.0

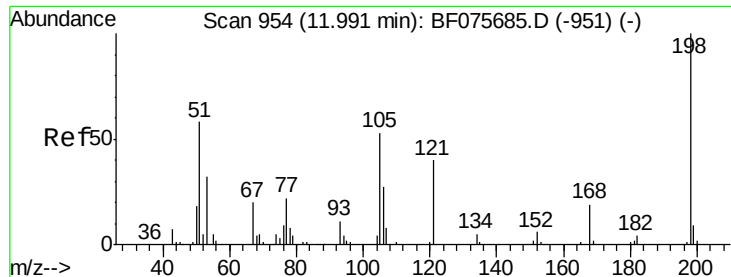


Abundance Ion 188.00 (187.70 to 188.70): E

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: 31.41 ng

RT: 11.99 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

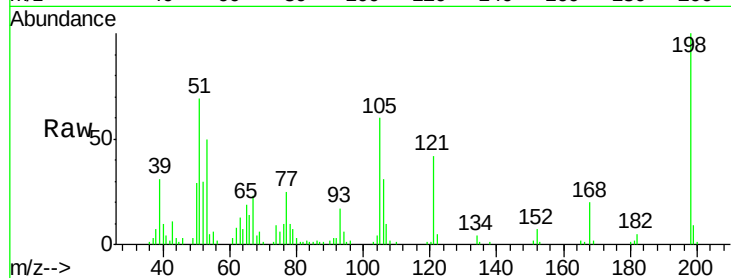
Tot Ion:198 Resp: 42908

Ion Ratio Lower Upper

198 100

51 69.5 26.0 66.0#

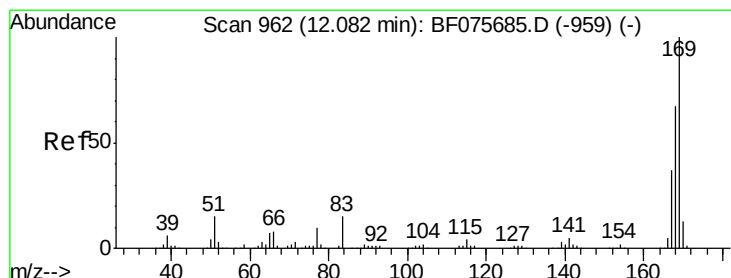
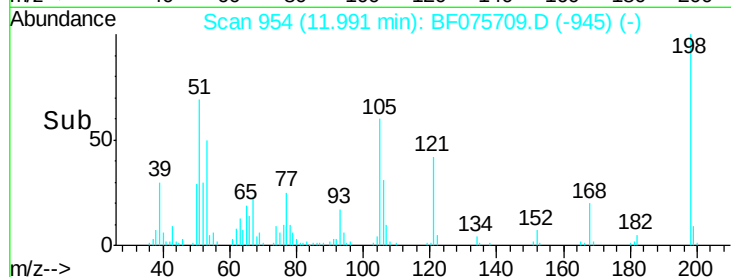
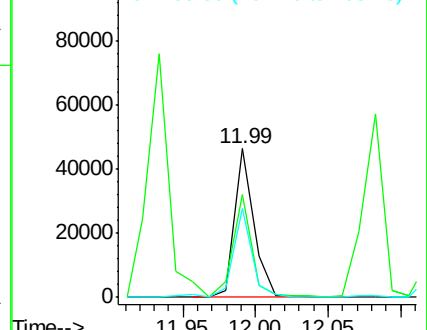
105 60.1 24.2 64.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 37.21 ng

RT: 12.08 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

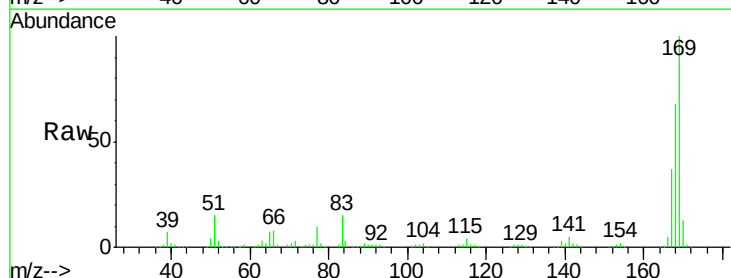
Tgt Ion:169 Resp: 327734

Ion Ratio Lower Upper

169 100

168 67.9 53.5 80.3

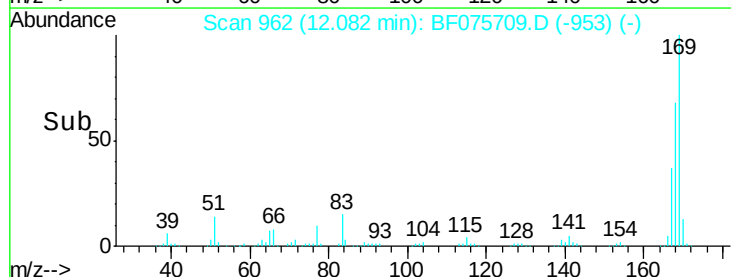
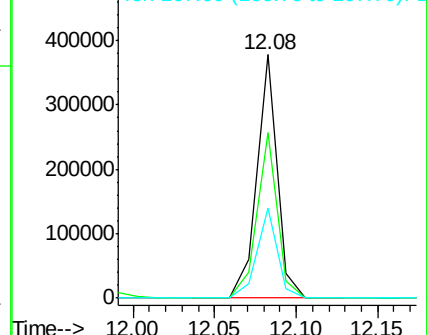
167 37.0 29.8 44.6

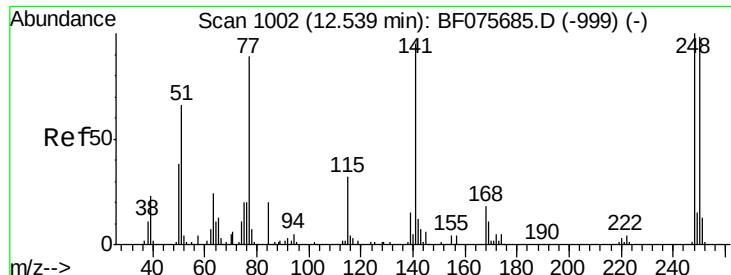


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

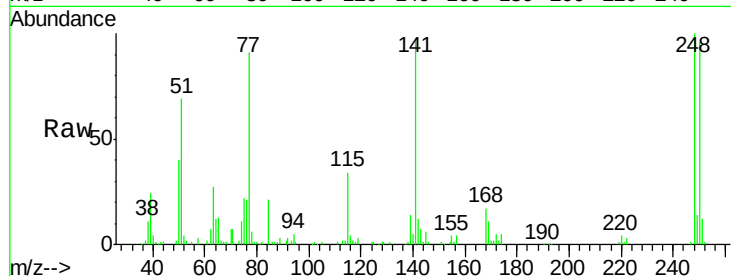




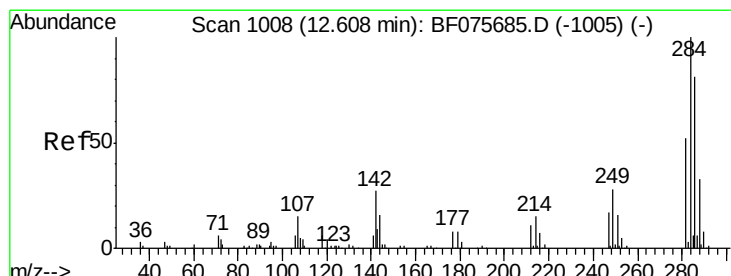
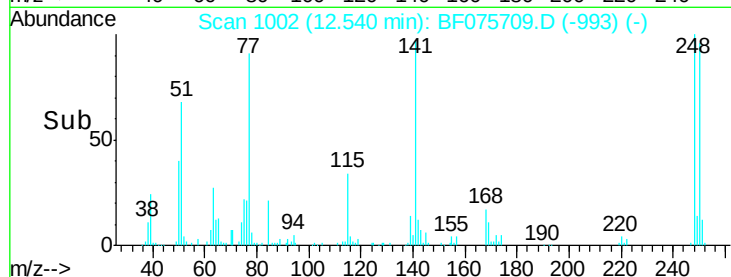
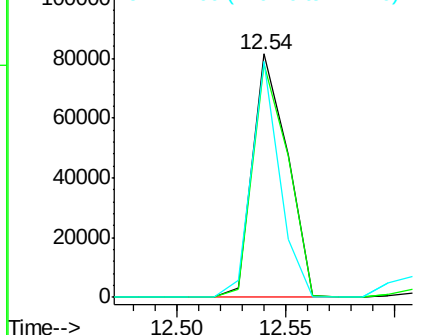
#66
4-Bromophenyl-phenylether
Concen: 37.30 ng
RT: 12.54 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 91474
Ion Ratio Lower Upper
248 100
250 95.8 76.3 114.5
141 96.7 44.3 66.5#

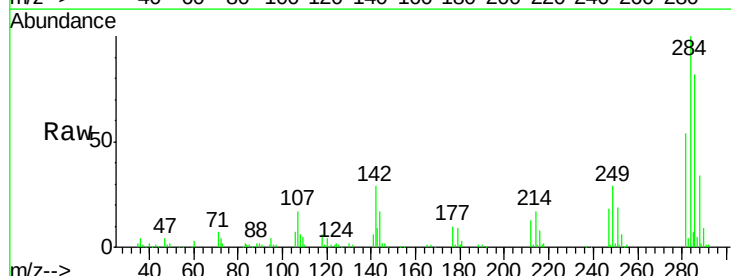


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

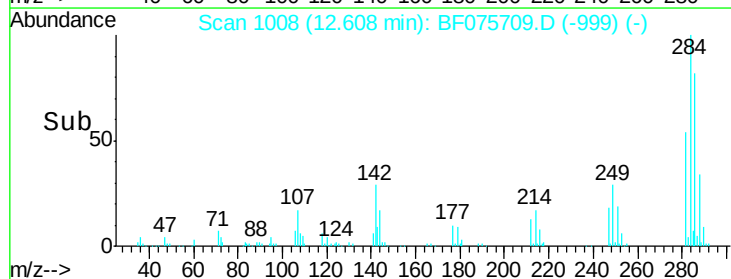
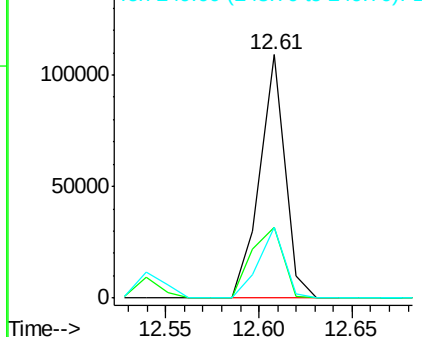


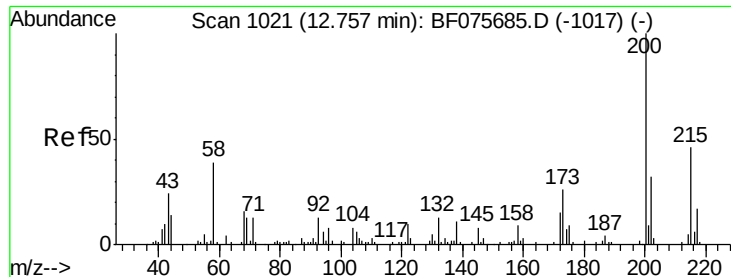
#67
Hexachlorobenzene
Concen: 37.00 ng
RT: 12.61 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:284 Resp: 102503
Ion Ratio Lower Upper
284 100
142 29.3 28.7 43.1
249 29.0 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

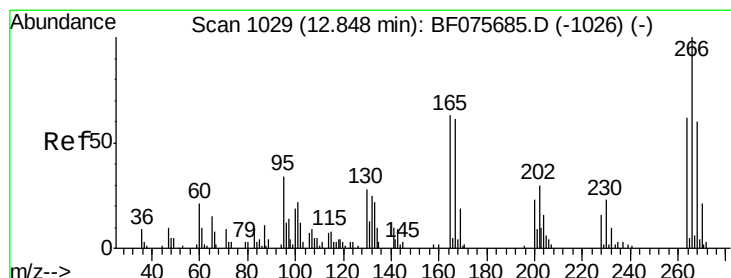
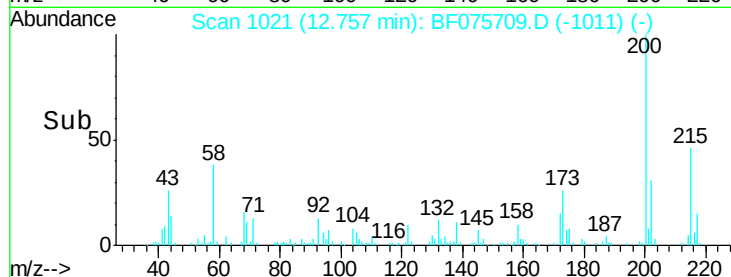
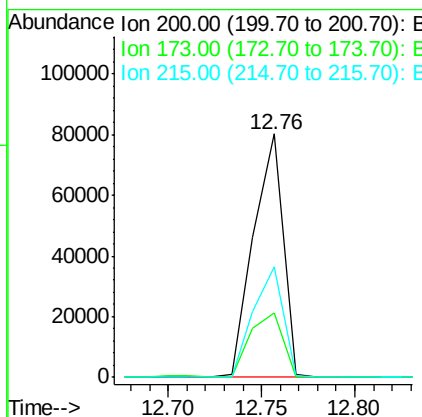
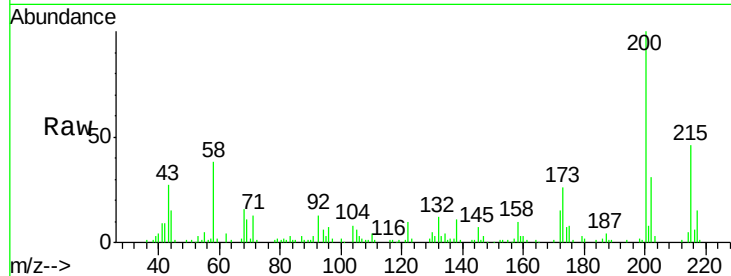




#68
 Atrazine
 Concen: 35.46 ng
 RT: 12.76 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

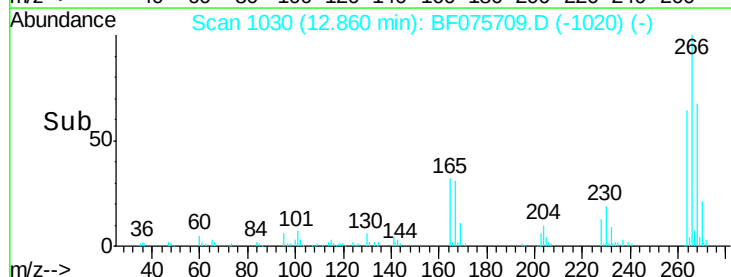
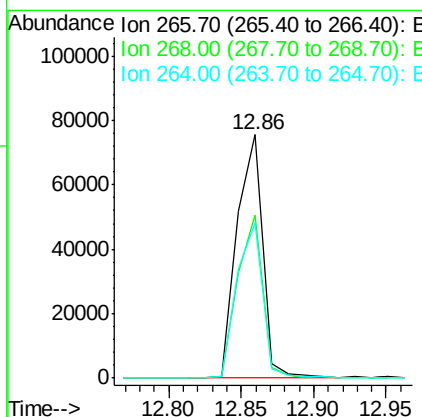
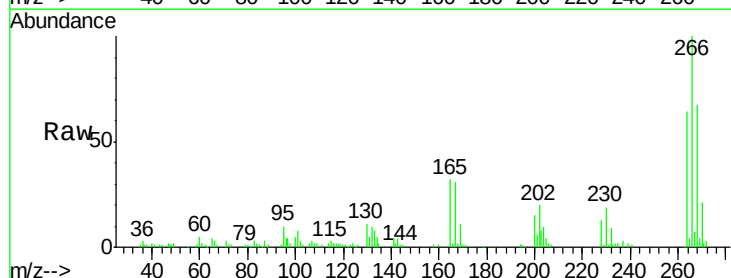
Instrument :
 BNA_F
 ClientSampleId :

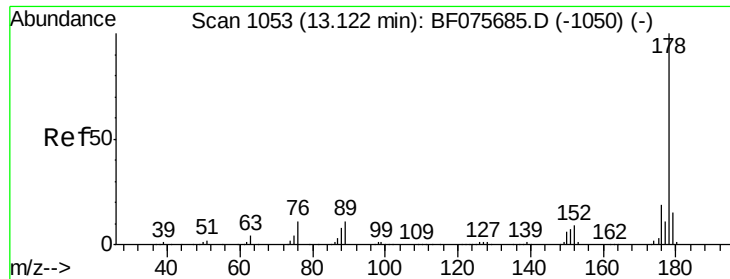
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	12.3	52.3
215	45.6	23.8	63.8



#69
 Pentachlorophenol
 Concen: 63.43 ng
 RT: 12.86 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	48.6	73.0
264	64.0	52.1	78.1





#70

Phenanthrene

Concen: 37.31 ng

RT: 13.12 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

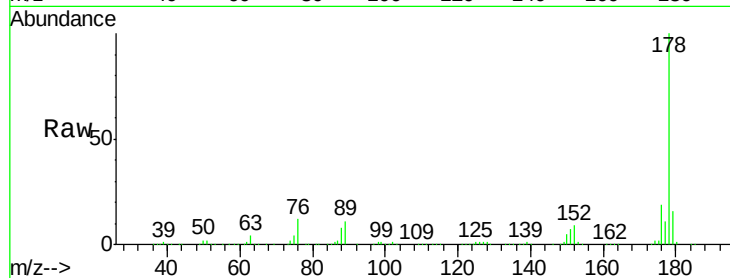
Tot Ion:178 Resp: 551592

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

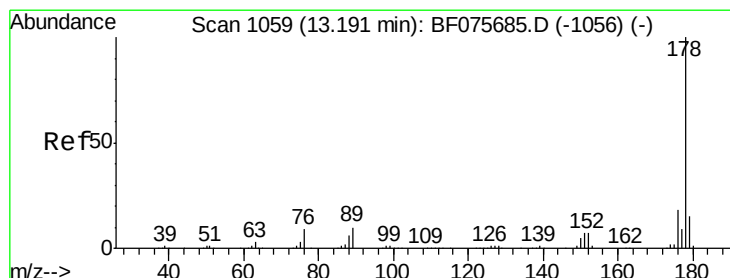
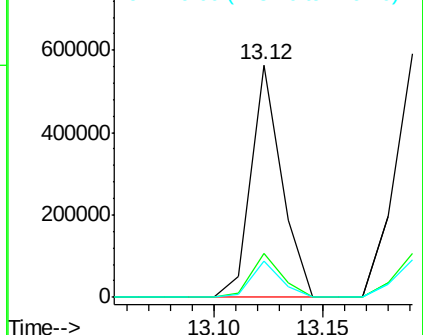
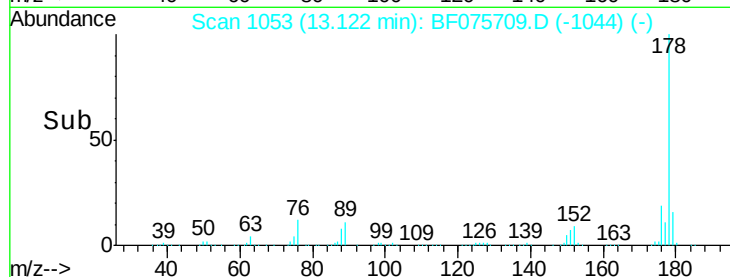
179 15.8 12.2 18.4



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: 37.27 ng

RT: 13.19 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

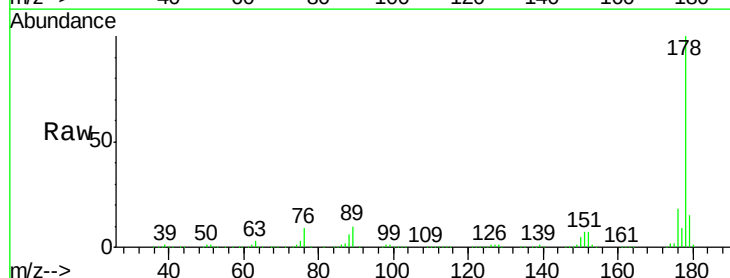
Tgt Ion:178 Resp: 570824

Ion Ratio Lower Upper

178 100

176 18.0 15.1 22.7

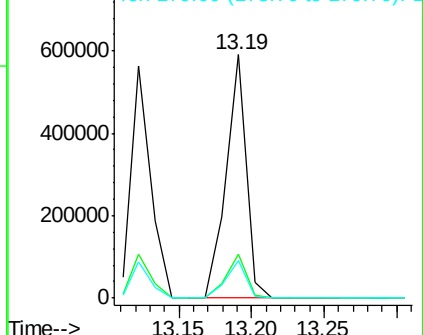
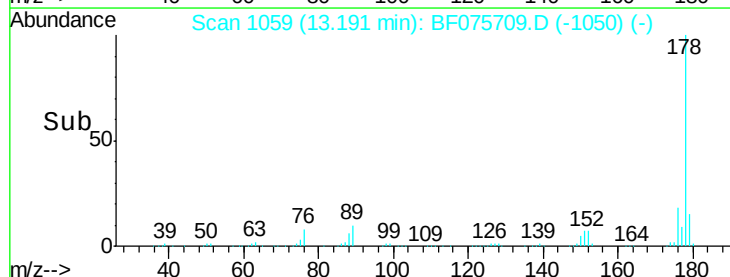
179 15.2 12.2 18.2

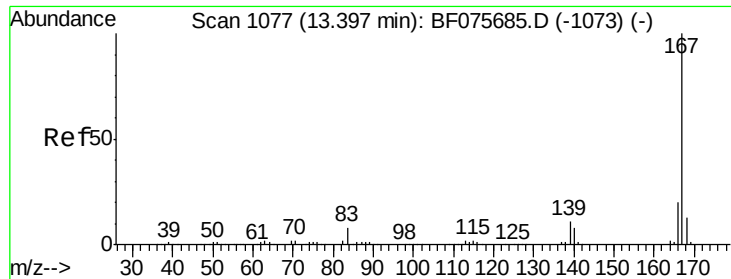


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.16 ng

RT: 13.40 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

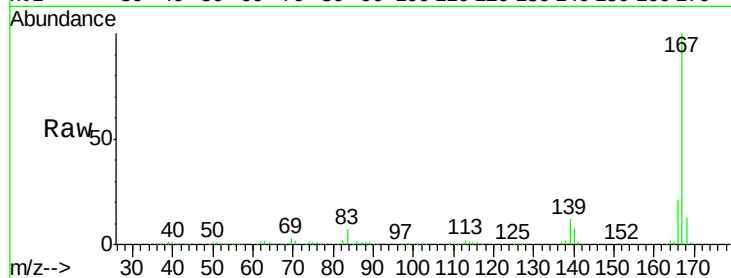
Tot Ion:167 Resp: 534209

Ion Ratio Lower Upper

167 100

166 20.9 17.4 26.0

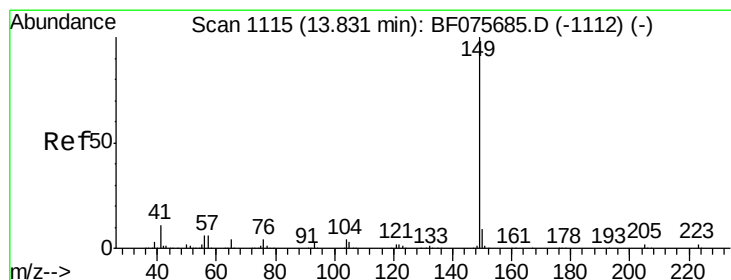
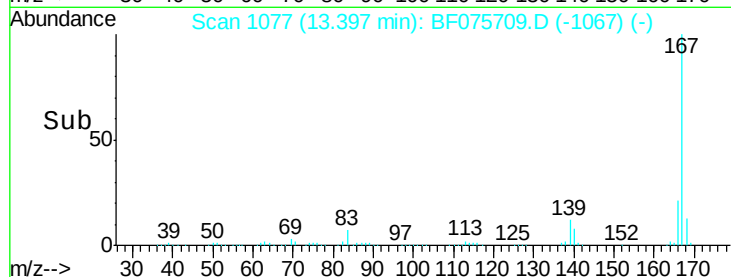
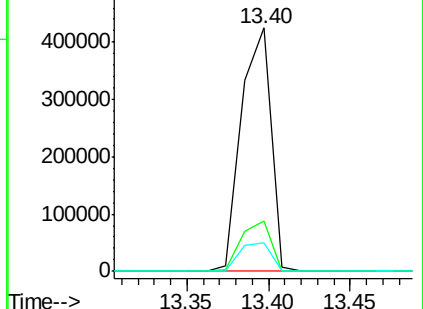
139 11.7 10.1 15.1



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: 35.31 ng

RT: 13.83 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

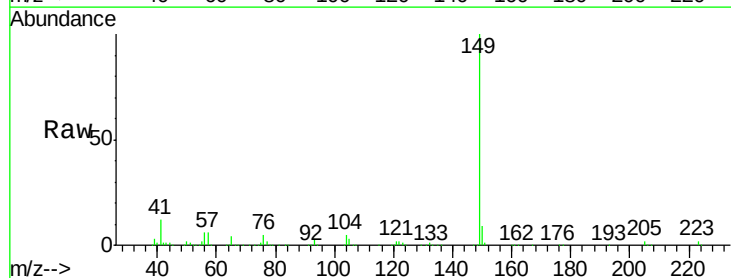
Tgt Ion:149 Resp: 596108

Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

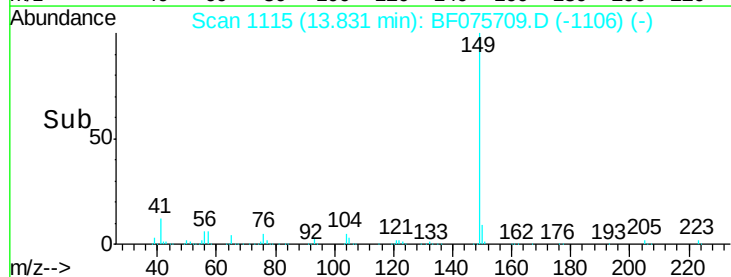
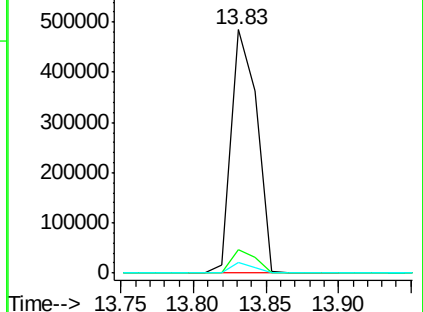
104 4.5 3.1 4.7

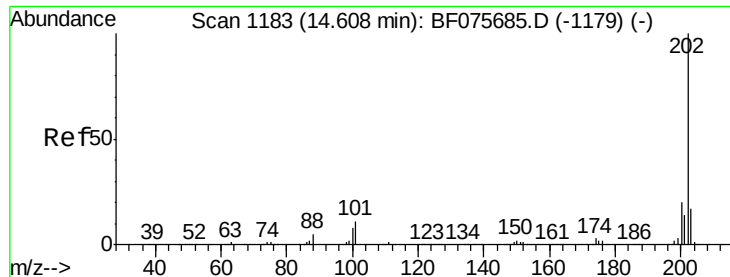


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

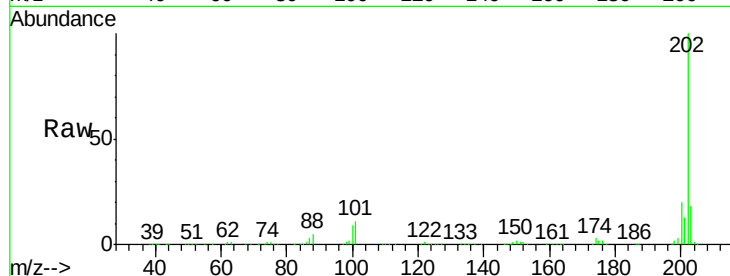




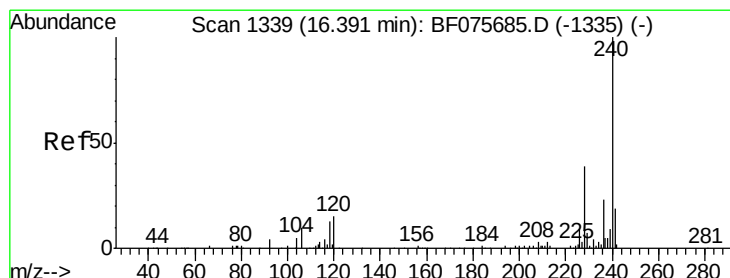
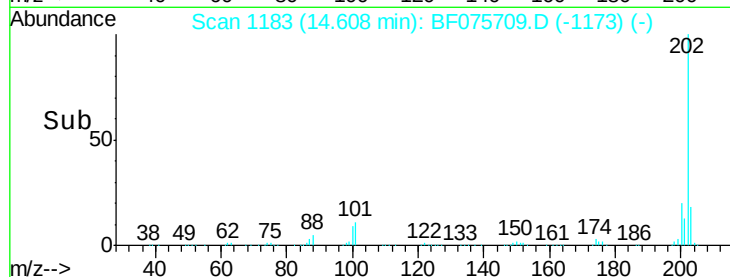
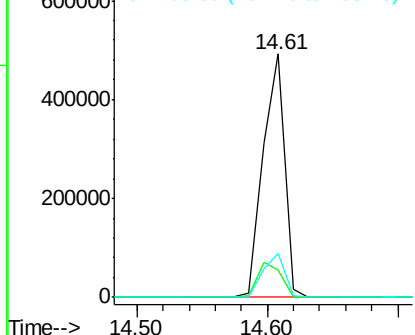
#74
Fluoranthene
Concen: 37.61 ng
RT: 14.61 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	36.6
203	17.9	0.0	38.2

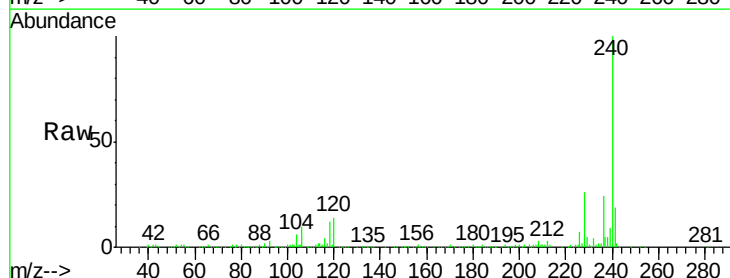


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

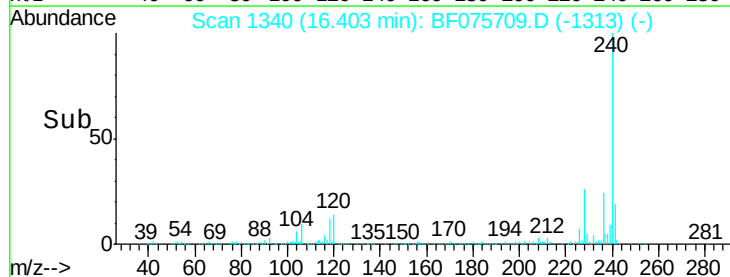
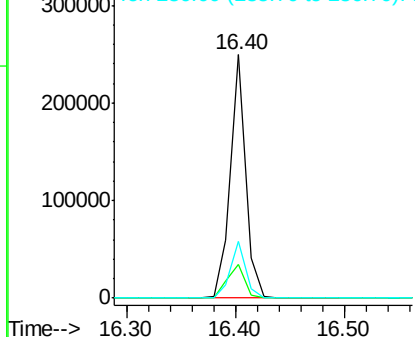


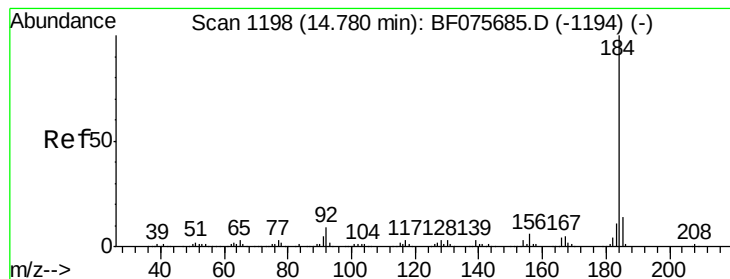
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.40 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.6	14.4
236	23.5	18.9	28.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 17.63 ng

RT: 14.78 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

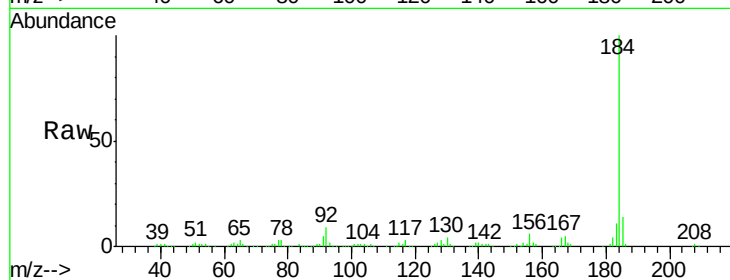
Tot Ion:184 Resp: 186178

Ion Ratio Lower Upper

184 100

185 13.9 10.9 16.3

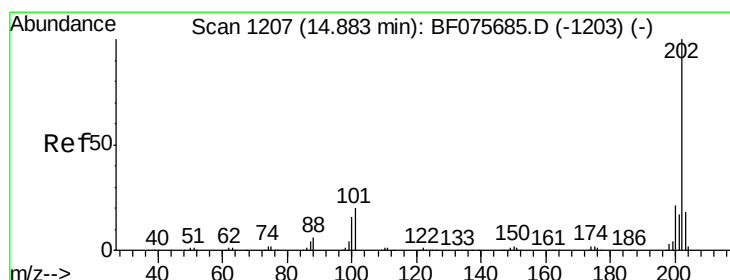
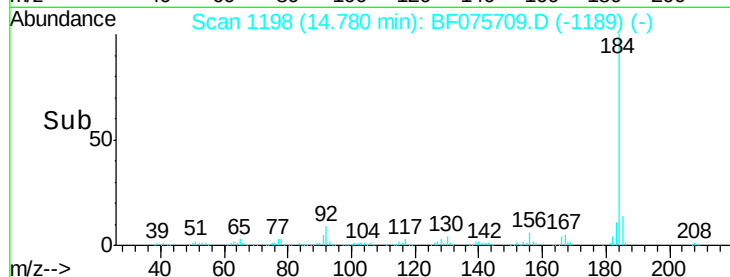
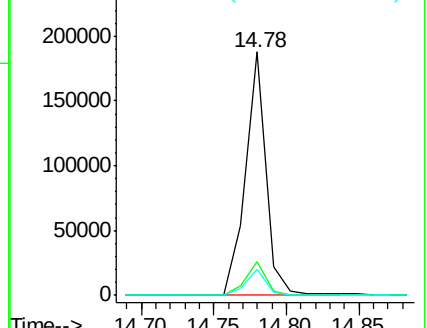
183 10.8 8.7 13.1



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: 35.91 ng

RT: 14.88 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

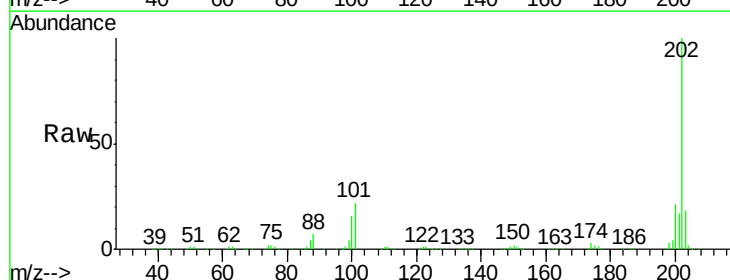
Tgt Ion:202 Resp: 591462

Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

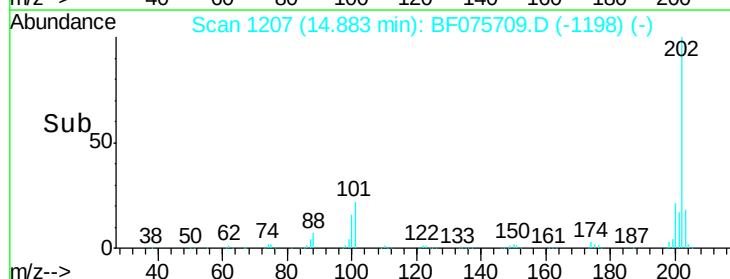
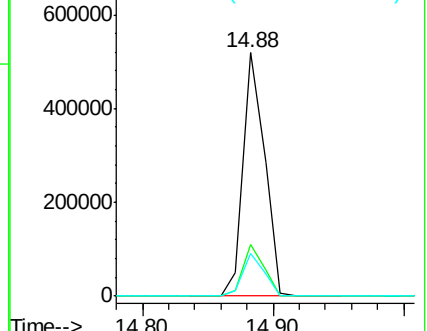
203 17.7 14.3 21.5

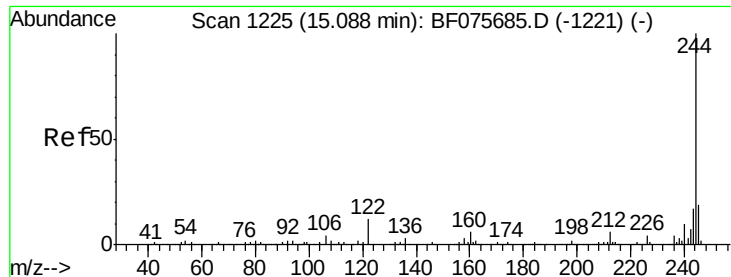


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 66.87 ng

RT: 15.09 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

Instrument :

BNA_F

ClientSampleId :

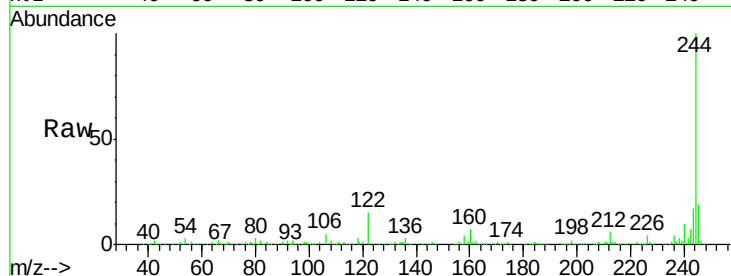
Tot Ion:244 Resp: 655235

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

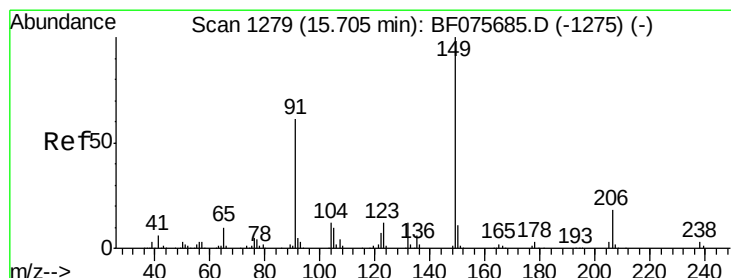
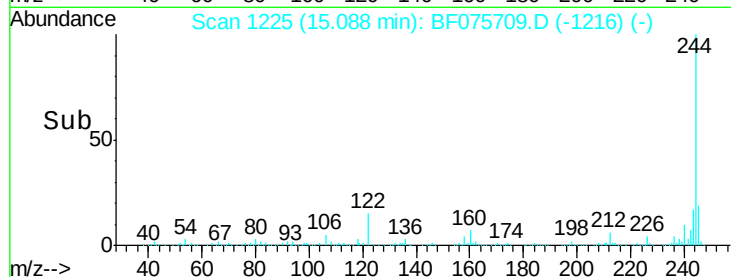
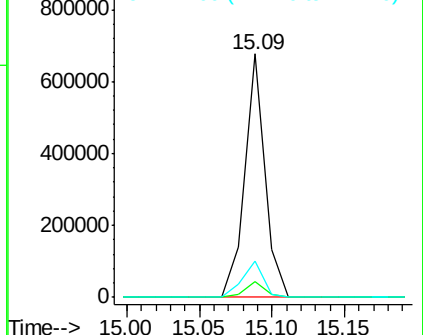
122 14.7 9.7 14.5#



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: 36.91 ng

RT: 15.71 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF075709.D

Acq: 20 Nov 2014 13:53

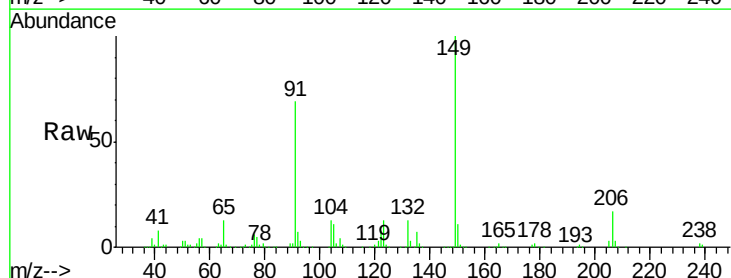
Tgt Ion:149 Resp: 266567

Ion Ratio Lower Upper

149 100

91 69.3 49.0 73.4

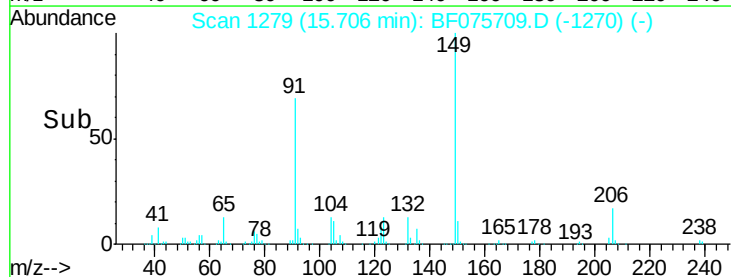
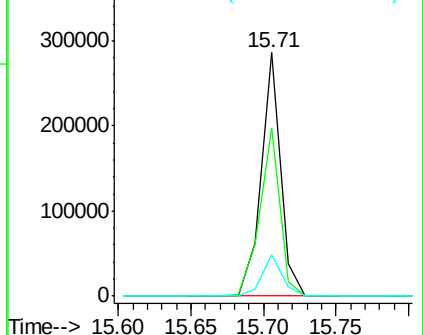
206 17.1 15.5 23.3

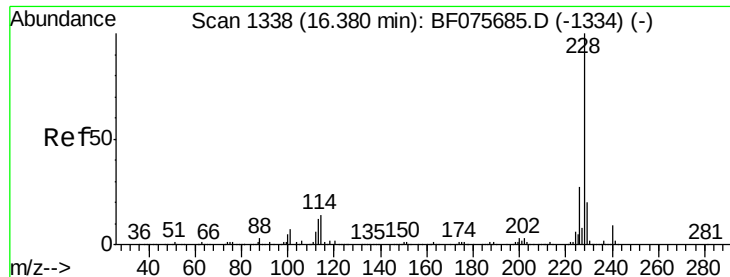


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

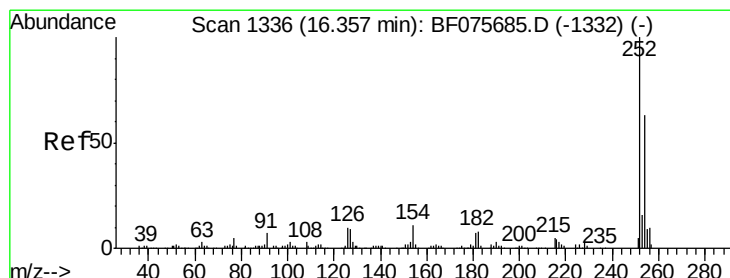
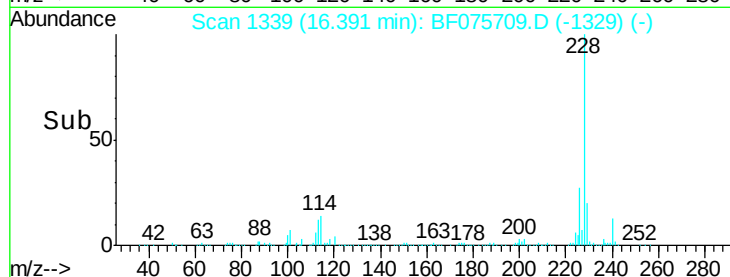
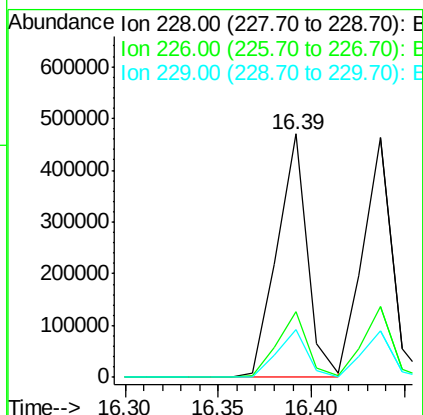
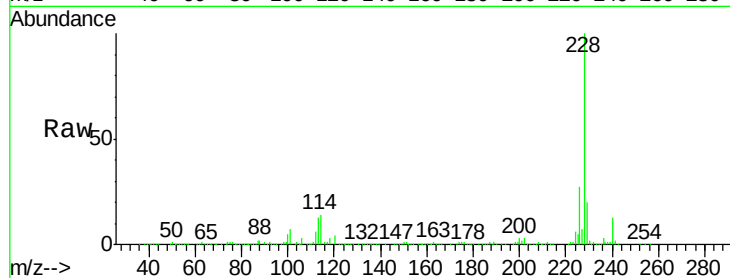




#80
Benzo(a)anthracene
Concen: 37.07 ng
RT: 16.39 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

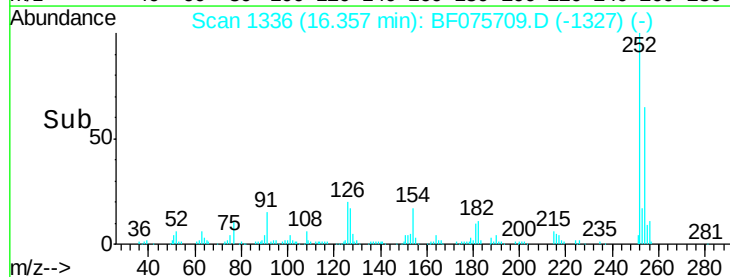
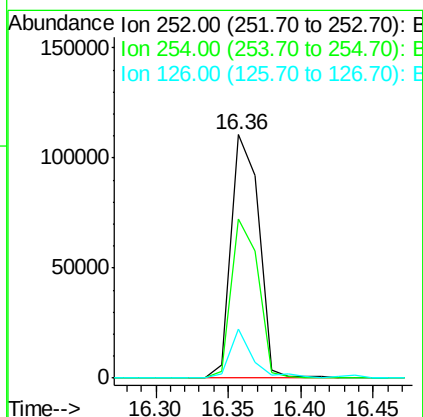
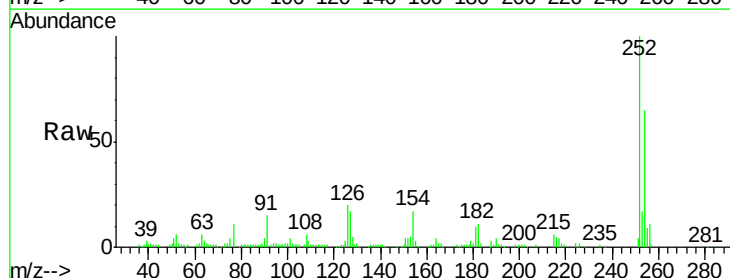
Instrument :
BNA_F
ClientSampleId :

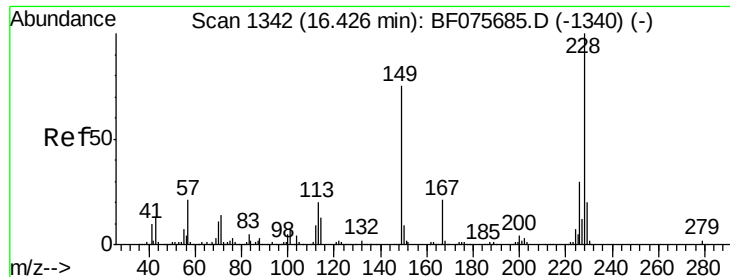
Tot Ion:228 Resp: 529568
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.8 15.3 22.9



#81
3,3'-Dichlorobenzidine
Concen: 29.23 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:252 Resp: 147587
Ion Ratio Lower Upper
252 100
254 65.3 50.0 75.0
126 20.0 16.0 24.0

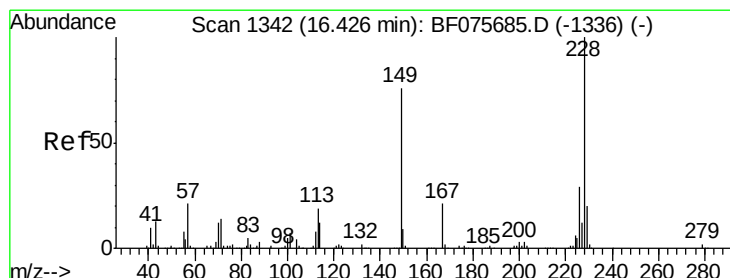
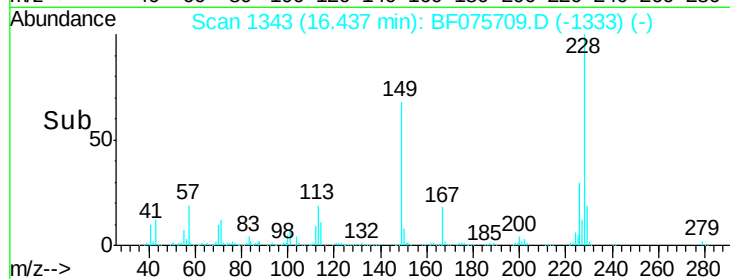
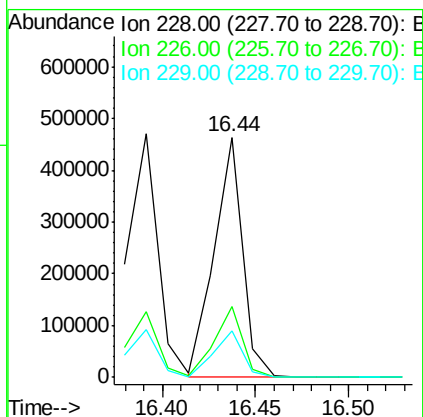
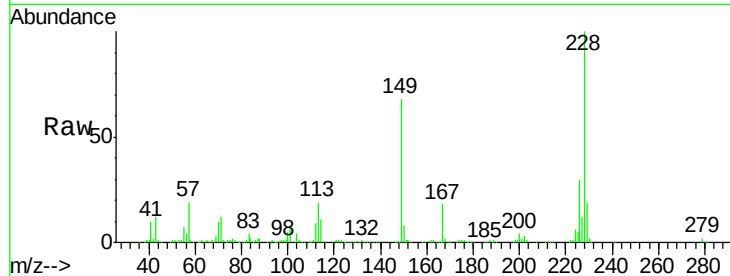




#82
 Chrysene
 Concen: 38.35 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

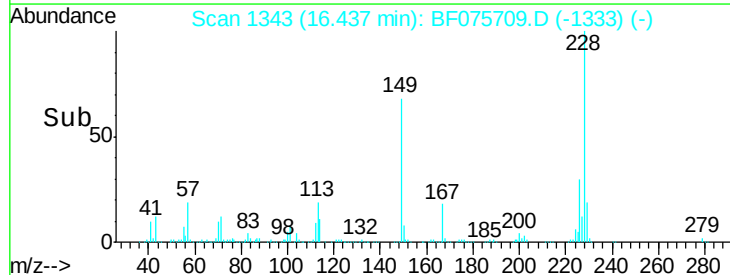
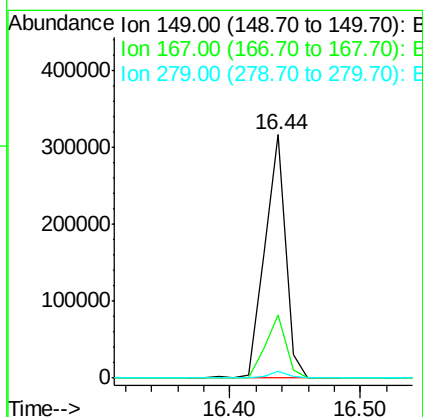
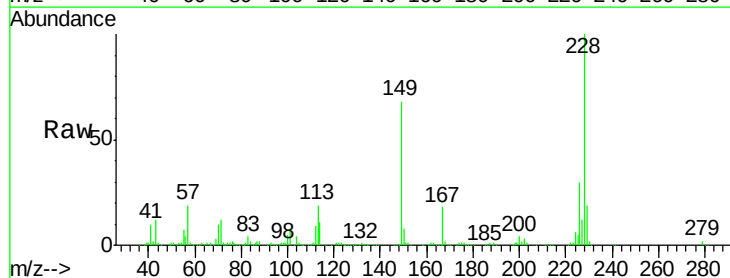
Instrument :
 BNA_F
 ClientSampleId :

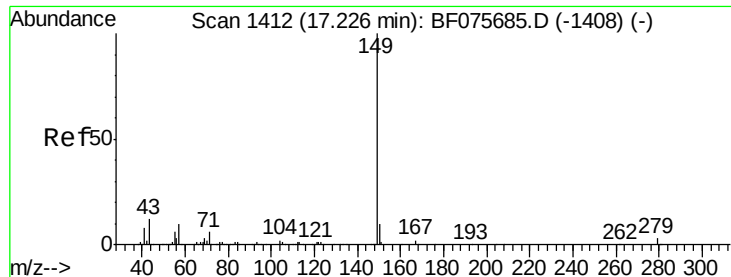
Tot Ion:228 Resp: 493352
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.8 35.6
 229 19.4 15.8 23.6



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.65 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF075709.D
 Acq: 20 Nov 2014 13:53

Tgt Ion:149 Resp: 353040
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.4 32.2
 279 2.8 2.8 4.2#

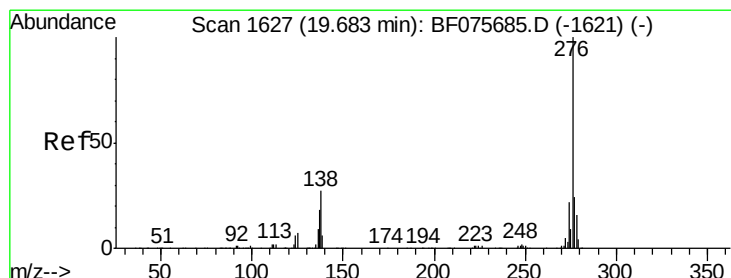
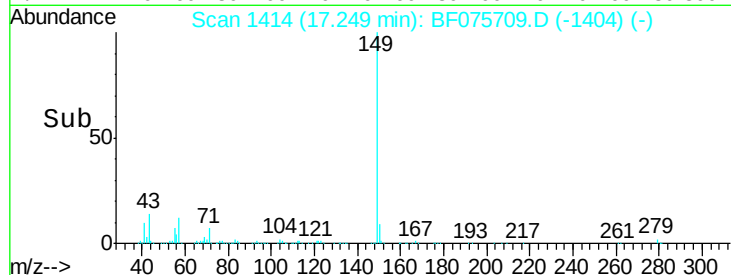
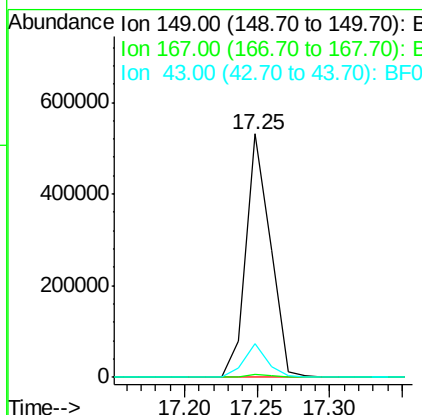
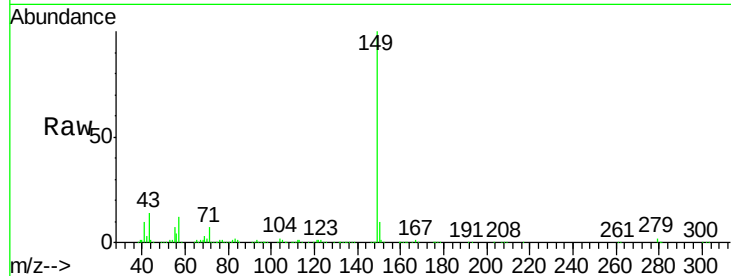




#84
Di-n-octyl phthalate
Concen: 37.29 ng
RT: 17.25 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

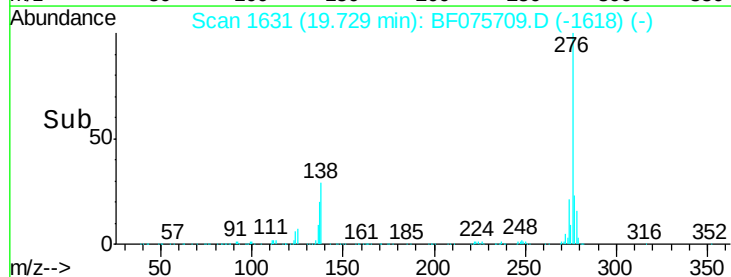
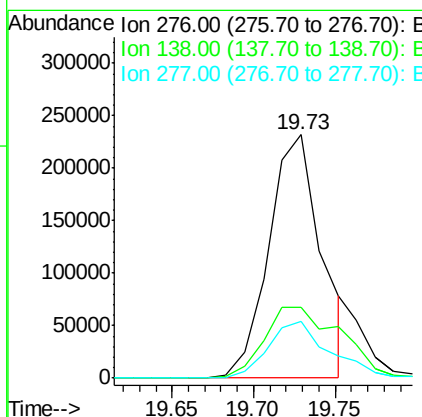
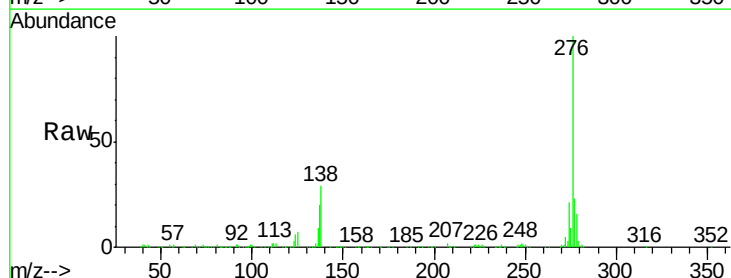
Instrument :
BNA_F
ClientSampleId :

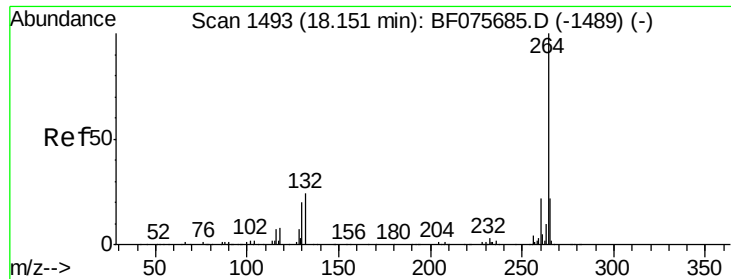
Tot Ion:149 Resp: 618097
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 12.8 11.0 16.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 35.33 ng
RT: 19.73 min Scan# 1631
Delta R.T. 0.05 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:276 Resp: 521981
Ion Ratio Lower Upper
276 100
138 30.3 0.0 0.0#
277 24.0 0.0 0.0#



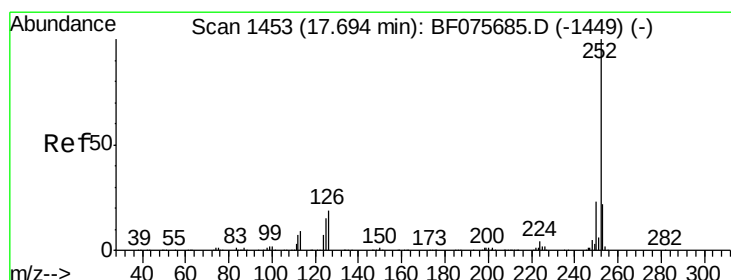
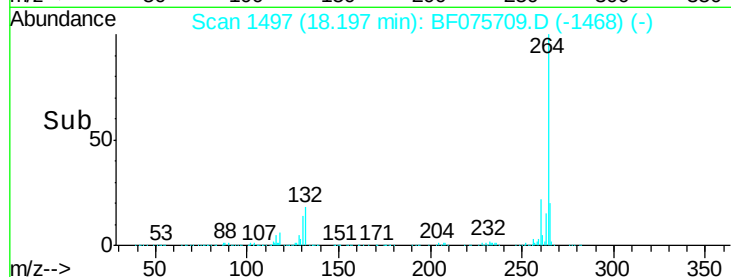
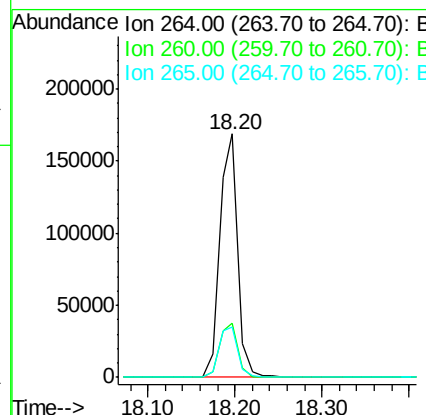
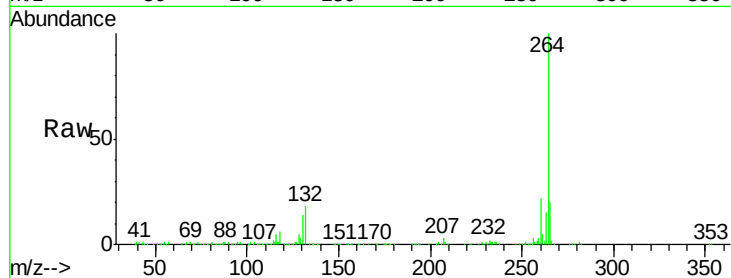


#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. 0.03 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 244269

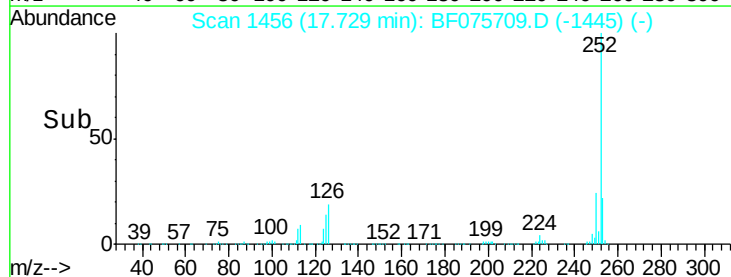
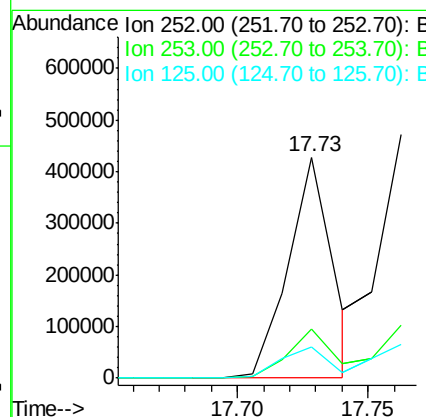
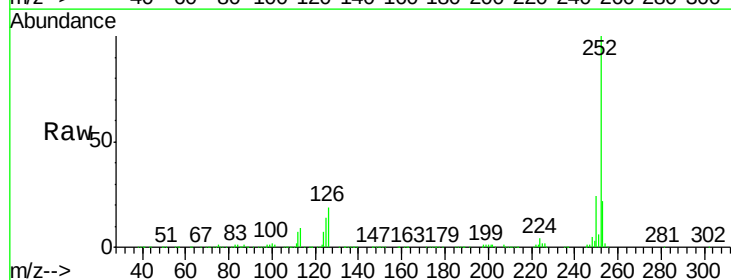
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	20.5	16.3	24.5

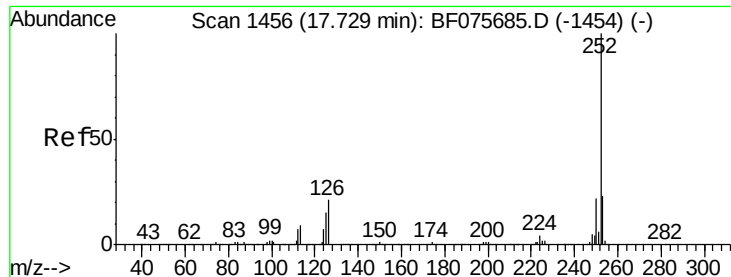


#87
Benzo(b)fluoranthene
Concen: 34.24 ng
RT: 17.73 min Scan# 1456
Delta R.T. 0.02 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:252 Resp: 502172

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	14.0	11.8	17.6

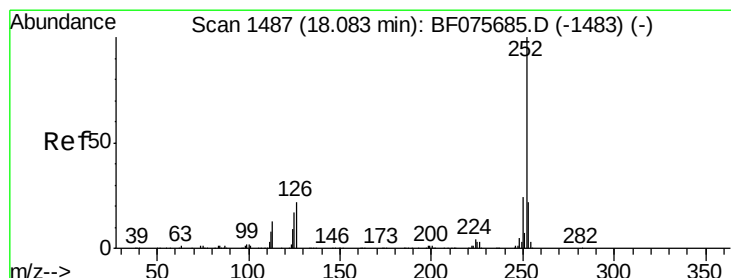
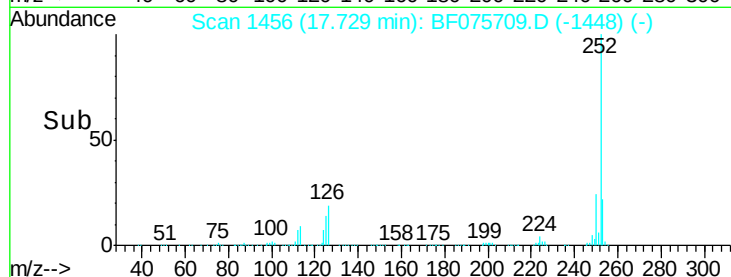
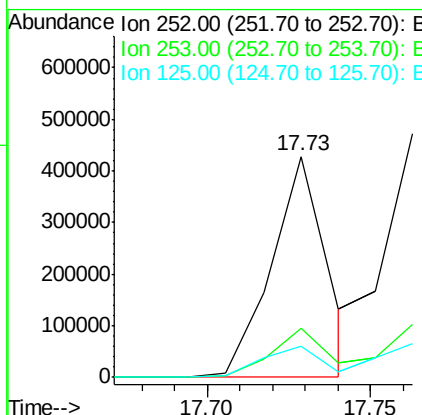
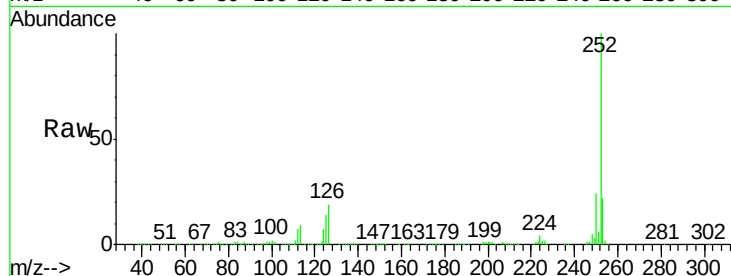




#88
Benzo(k)fluoranthene
Concen: 38.88 ng
RT: 17.73 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

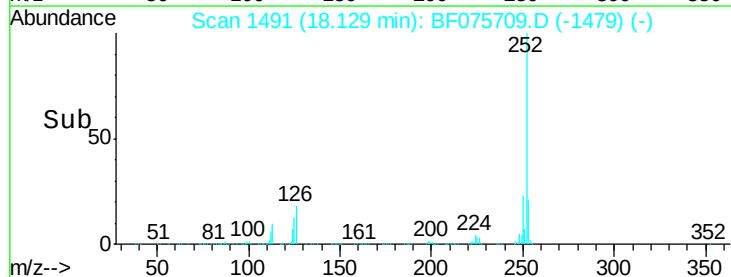
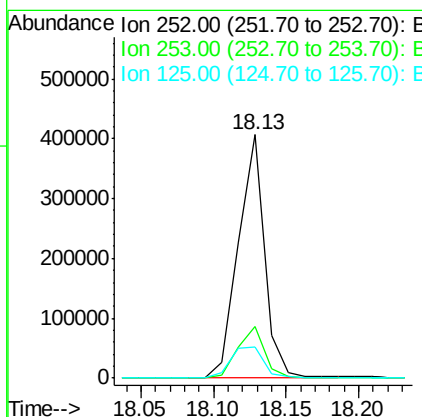
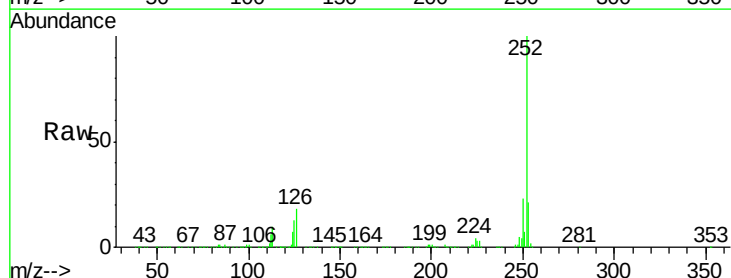
Instrument :
BNA_F
ClientSampleId :

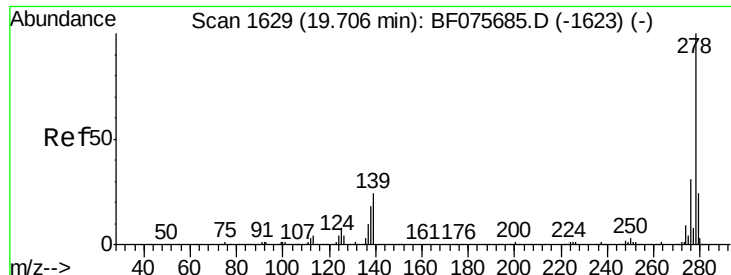
Tot Ion:252 Resp: 502135
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 14.0 11.6 17.4



#89
Benzo(a)pyrene
Concen: 39.17 ng
RT: 18.13 min Scan# 1491
Delta R.T. 0.03 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:252 Resp: 514626
Ion Ratio Lower Upper
252 100
253 21.1 17.1 25.7
125 12.7 12.2 18.4

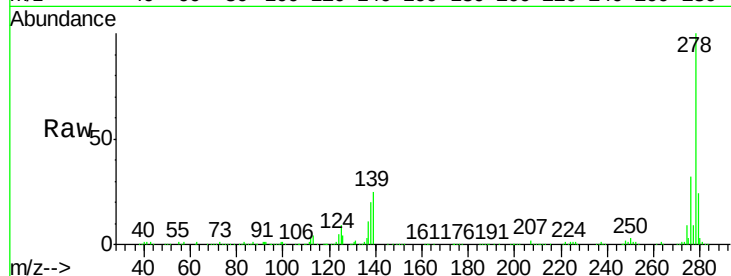




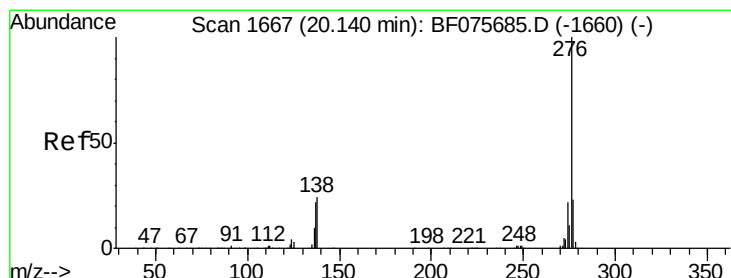
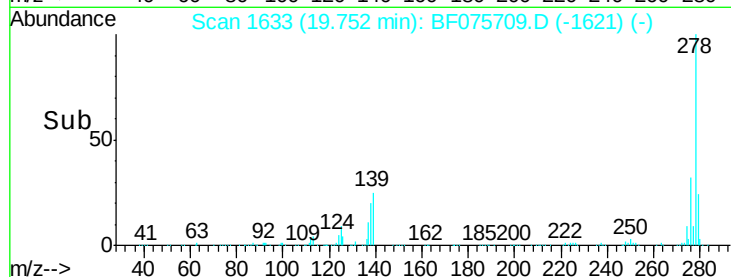
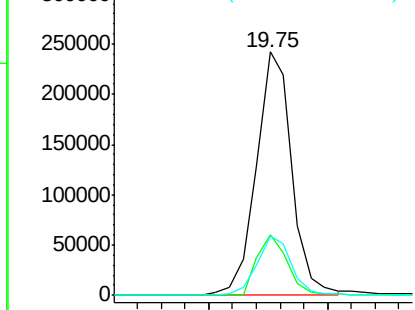
#90
Dibenzo(a,h)anthracene
Concen: 38.00 ng
RT: 19.75 min Scan# 1633
Delta R.T. 0.03 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 503993
Ion Ratio Lower Upper
278 100
139 24.8 13.6 20.4#
279 24.2 19.4 29.0

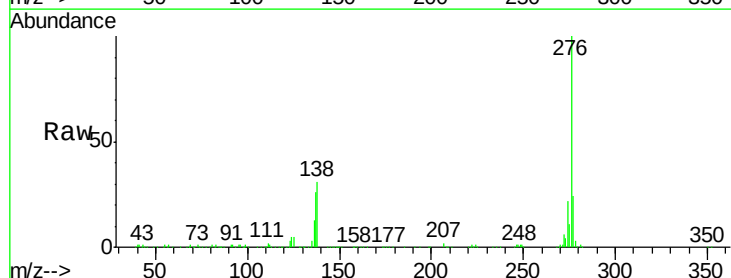


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 36.52 ng
RT: 20.19 min Scan# 1671
Delta R.T. 0.05 min
Lab File: BF075709.D
Acq: 20 Nov 2014 13:53

Tgt Ion:276 Resp: 488815
Ion Ratio Lower Upper
276 100
277 23.6 17.8 26.8
138 30.8 22.8 34.2



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

