

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085046.D
 Acq On : 12 Feb 2016 7:26
 Operator : SJ/IZ
 Sample : H1361-03MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 12 08:22:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	144049	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	592854	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	275062	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	519345	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	310323	20.00	ng	-0.01
86) Perylene-d12	15.11	264	293555	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1136500	122.89	ng	0.01
7) Phenol-d6	6.27	99	1417185	123.61	ng	-0.01
23) Nitrobenzene-d5	7.19	82	999551	94.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	430569	150.07	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1696724	120.88	ng	-0.01
78) Terphenyl-d14	12.72	244	1638838	119.67	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.23	88	155119	38.29	ng	# 68
3) Pyridine	2.83	79	305394	28.93	ng	# 78
4) n-Nitrosodimethylamine	2.78	42	233597	42.79	ng	87
6) Aniline	6.27	93	184210	13.13	ng	# 44
8) 2-Chlorophenol	6.40	128	476449	45.51	ng	93
9) Benzaldehyde	6.16	77	97170	14.35	ng	92
10) Phenol	6.28	94	465015	36.21	ng	97
11) bis(2-Chloroethyl)ether	6.36	93	464936	46.42	ng	94
12) 1,3-Dichlorobenzene	6.55	146	459765	41.57	ng	# 95
13) 1,4-Dichlorobenzene	6.63	146	479668	43.38	ng	95
14) 1,2-Dichlorobenzene	6.78	146	402630	39.10	ng	94
15) Benzyl Alcohol	6.78	79	395299	49.93	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	685162	40.67	ng	78
17) 2-Methylphenol	6.89	107	363476	43.90	ng	# 91
18) Hexachloroethane	7.12	117	178262	41.87	ng	96
19) n-Nitroso-di-n-propylamine	7.04	70	331841	46.17	ng	# 72
20) 3+4-Methylphenols	7.05	107	478409	46.56	ng	87
22) Acetophenone	7.04	105	687028	43.97	ng	# 94
24) Nitrobenzene	7.21	77	482934	42.85	ng	# 84
25) Isophorone	7.45	82	924663	45.18	ng	97
26) 2-Nitrophenol	7.52	139	236568	42.56	ng	# 84
27) 2,4-Dimethylphenol	7.58	122	430804	44.56	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	601721	49.56	ng	99
29) 2,4-Dichlorophenol	7.77	162	399680	48.32	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	388178	41.55	ng	97
31) Naphthalene	7.92	128	1296329	43.59	ng	100
32) Benzoic acid	7.71	122	160492	25.95	ng	99
33) 4-Chloroaniline	7.98	127	115876	9.42	ng	94
34) Hexachlorobutadiene	8.04	225	233751	43.39	ng	99
35) Caprolactam	8.36	113	102224	40.09	ng	# 50
36) 4-Chloro-3-methylphenol	8.48	107	428439	45.40	ng	94
37) 2-Methylnaphthalene	8.62	142	953540	51.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	351688	40.26	ng	98
40) Hexachlorocyclopentadiene	8.76	237	263321	71.42	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

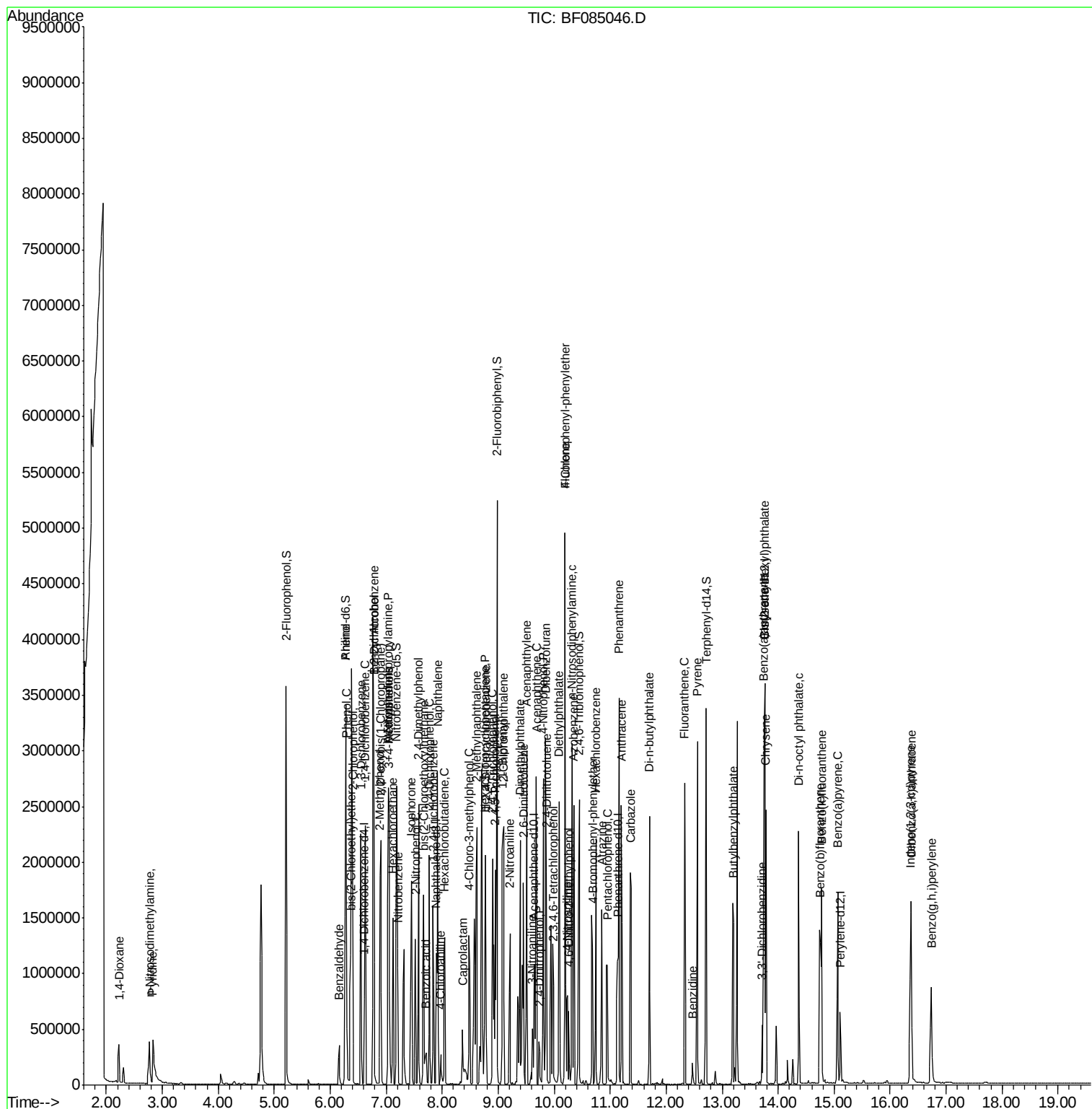
42) 2,4,6-Trichlorophenol	8.90	196	270303	48.03	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	255829	44.74	ng #	84
45) 1,1'-Biphenyl	9.08	154	1072458	43.65	ng	95
46) 2-Chloronaphthalene	9.10	162	761338	42.08	ng	97
47) 2-Nitroaniline	9.21	65	286457	50.00	ng #	70
48) Acenaphthylene	9.51	152	1154917	42.06	ng	98
49) Dimethylphthalate	9.39	163	944034	45.06	ng #	90
50) 2,6-Dinitrotoluene	9.45	165	192709	42.11	ng #	52
51) Acenaphthene	9.68	154	733233	41.05	ng	98
52) 3-Nitroaniline	9.61	138	100687	19.58	ng	96
53) 2,4-Dinitrophenol	9.74	184	71937	37.39	ng #	85
54) Dibenzofuran	9.85	168	1069662	49.00	ng	91
55) 4-Nitrophenol	9.80	139	223796	59.21	ng #	77
56) 2,4-Dinitrotoluene	9.86	165	268920	46.07	ng #	73
57) Fluorene	10.19	166	775927	42.56	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.99	232	210208	48.29	ng	88
59) Diethylphthalate	10.09	149	923045	45.12	ng	99
60) 4-Chlorophenyl-phenylether	10.19	204	382569	50.90	ng	96
61) 4-Nitroaniline	10.24	138	224631	44.82	ng #	81
62) Azobenzene	10.35	77	1008060	51.25	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	84260	26.29	ng #	60
65) n-Nitrosodiphenylamine	10.32	169	790013	47.91	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	273627	47.70	ng	96
67) Hexachlorobenzene	10.74	284	271029	43.36	ng #	88
68) Atrazine	10.86	200	284320	54.60	ng	95
69) Pentachlorophenol	10.95	266	204360	69.57	ng	99
70) Phenanthrene	11.15	178	1346565	46.75	ng	98
71) Anthracene	11.20	178	1275472	43.94	ng	99
72) Carbazole	11.37	167	1186703	46.89	ng #	97
73) Di-n-butylphthalate	11.70	149	1319558	40.95	ng #	96
74) Fluoranthene	12.33	202	1149037	39.41	ng	99
76) Benzidine	12.47	184	87934	12.38	ng	97
77) Pyrene	12.56	202	1196759	50.37	ng	98
79) Butylbenzylphthalate	13.20	149	562113	52.15	ng #	81
80) Benzo(a)anthracene	13.75	228	935450	48.57	ng	99
81) 3,3'-Dichlorobenzidine	13.71	252	105332	15.45	ng #	98
82) Chrysene	13.78	228	828263m	44.35	ng	
83) Bis(2-ethylhexyl)phthalate	13.76	149	730867	54.49	ng #	97
84) Di-n-octyl phthalate	14.37	149	1088559	49.19	ng #	90
85) Indeno(1,2,3-cd)pyrene	16.37	276	881277	59.95	ng	98
87) Benzo(b)fluoranthene	14.75	252	1033776m	52.41	ng	
88) Benzo(k)fluoranthene	14.78	252	587821m	36.04	ng	
89) Benzo(a)pyrene	15.06	252	775296	46.13	ng	98
90) Dibenzo(a,h)anthracene	16.38	278	739185	52.25	ng #	96
91) Benzo(g,h,i)perylene	16.74	276	747747	52.47	ng #	94

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

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

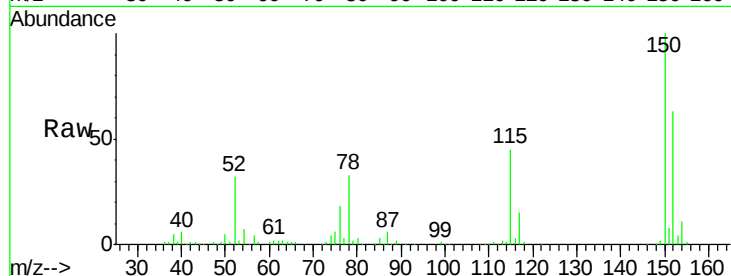
Tgt Ion:152 Resp: 144049

Ion Ratio Lower Upper

152 100

150 159.4 123.0 184.4

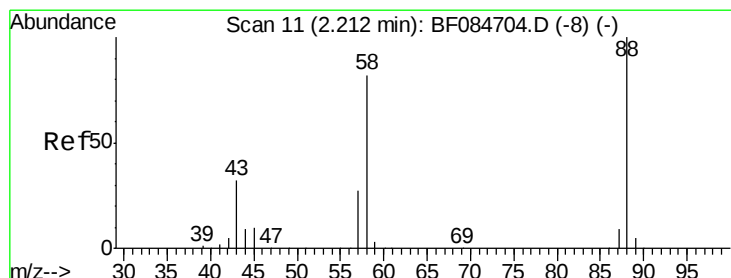
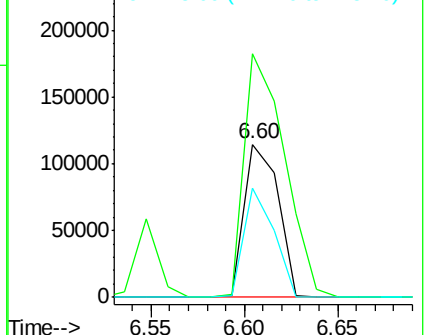
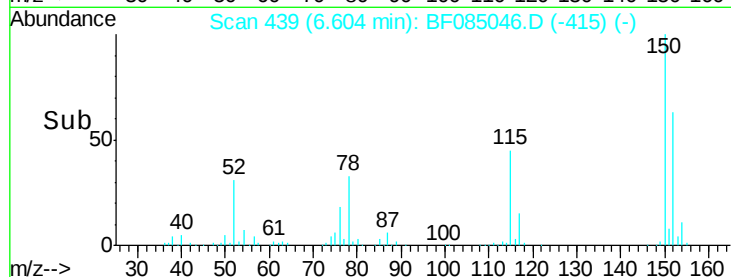
115 71.6 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.29 ng

RT: 2.23 min Scan# 56

Delta R.T. 0.15 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

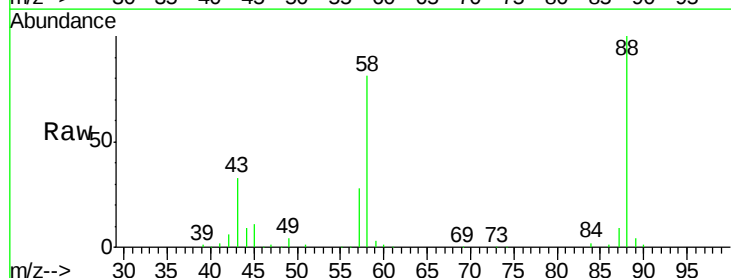
Tgt Ion: 88 Resp: 155119

Ion Ratio Lower Upper

88 100

58 84.1 51.2 76.8#

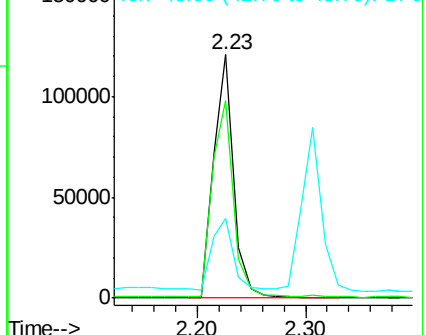
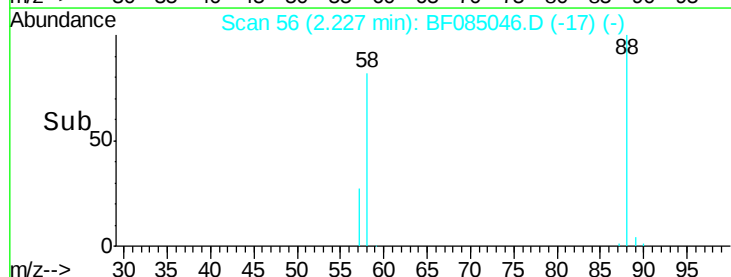
43 0.0 19.5 29.3#

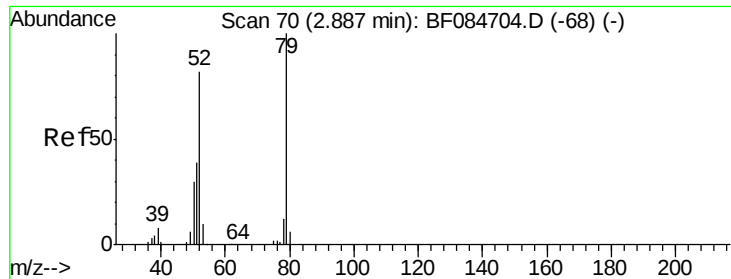


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.93 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.11 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

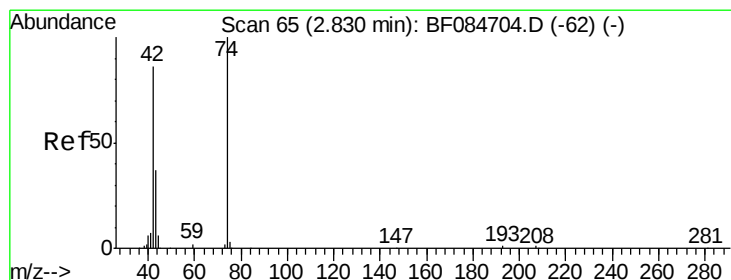
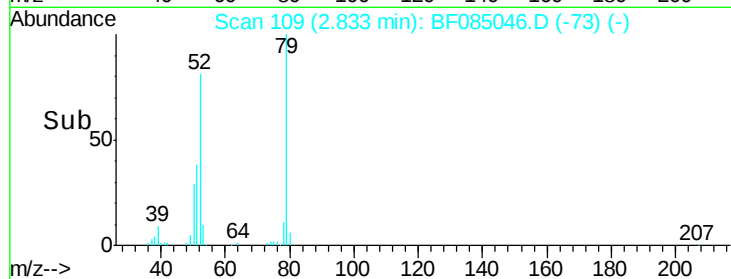
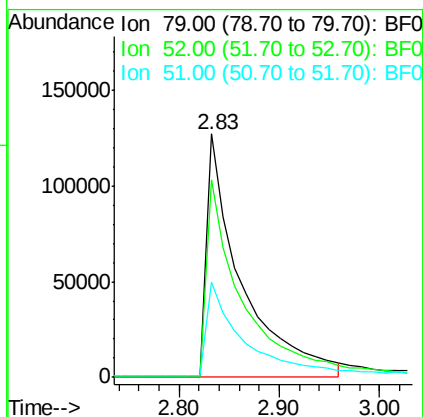
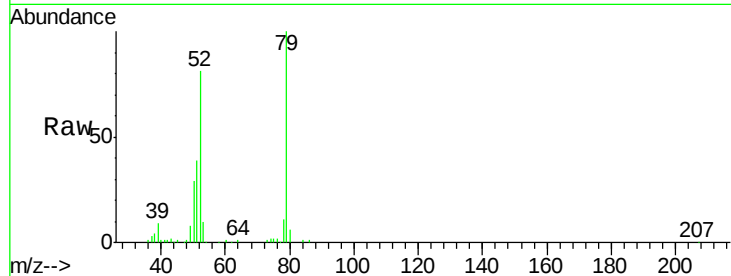
Tgt Ion: 79 Resp: 305394

Ion Ratio Lower Upper

79 100

52 81.1 49.0 73.4#

51 39.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 42.79 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.09 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

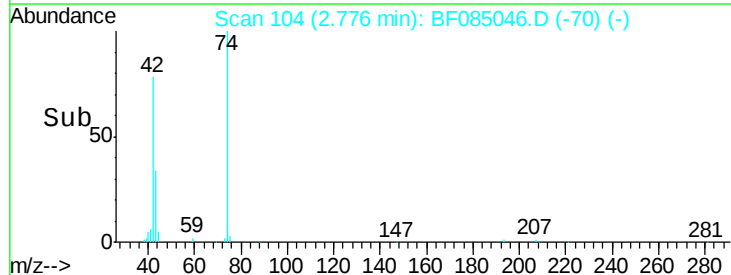
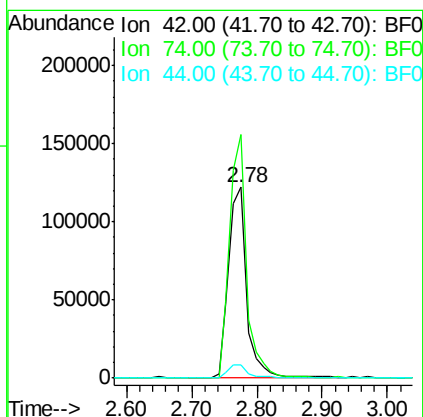
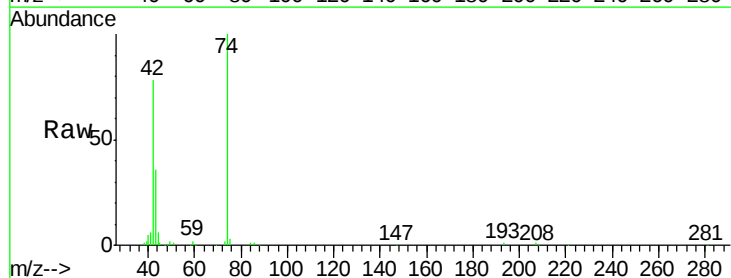
Tgt Ion: 42 Resp: 233597

Ion Ratio Lower Upper

42 100

74 127.5 115.7 173.5

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 122.89 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

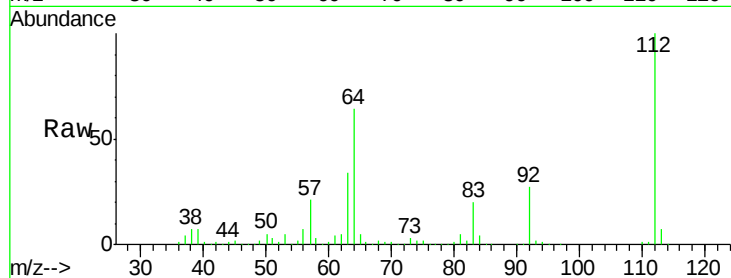
Tgt Ion: 112 Resp: 1136500

Ion Ratio Lower Upper

112 100

64 64.1 36.6 55.0#

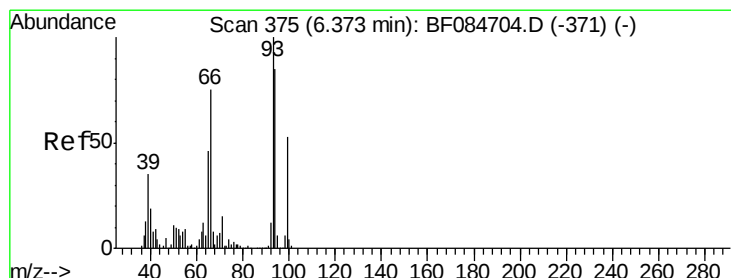
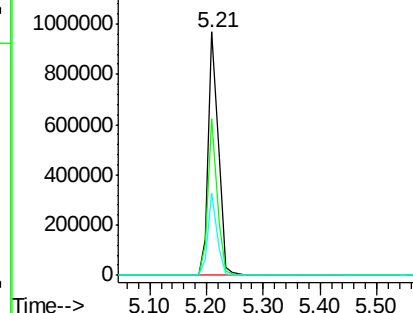
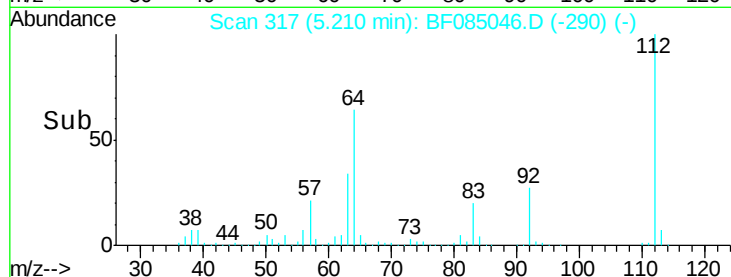
63 33.8 19.4 29.0#



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: 13.13 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

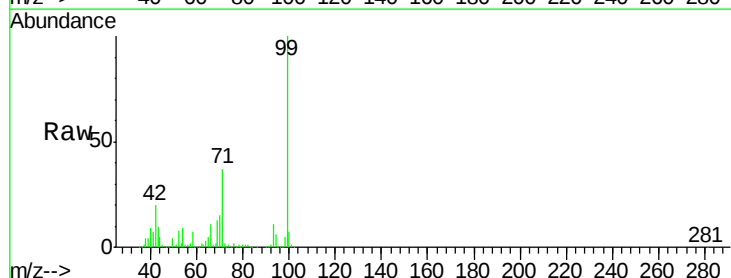
Tgt Ion: 93 Resp: 184210

Ion Ratio Lower Upper

93 100

66 108.4 44.9 67.3#

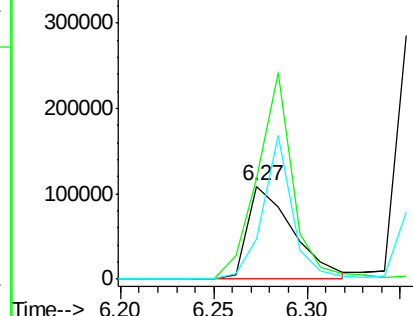
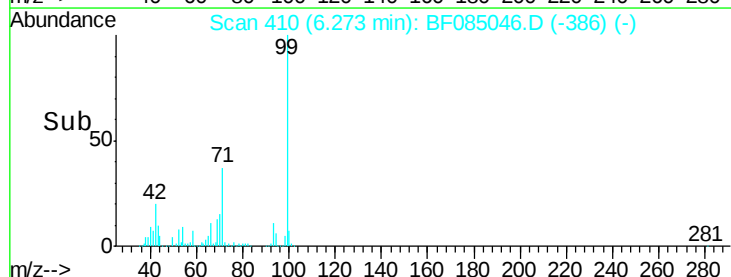
65 43.1 23.7 35.5#

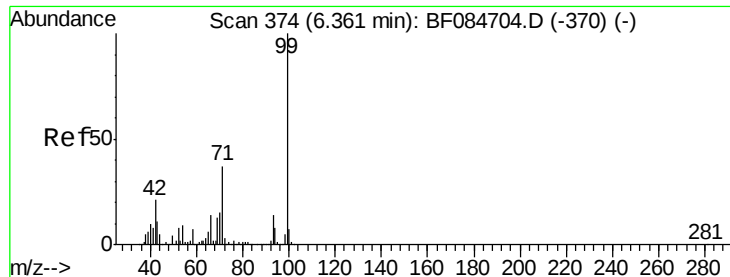


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.61 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

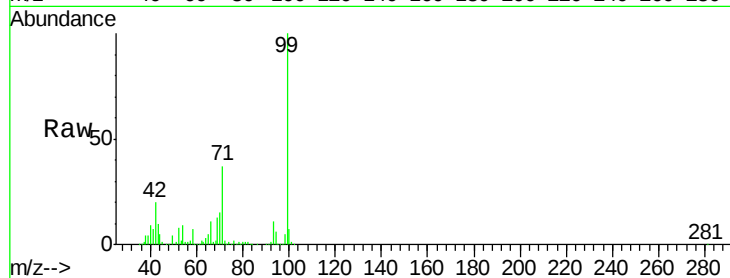
Tgt Ion: 99 Resp: 1417185

Ion Ratio Lower Upper

99 100

42 20.1 12.8 19.2#

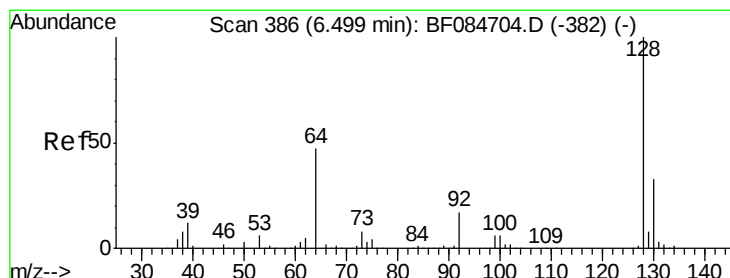
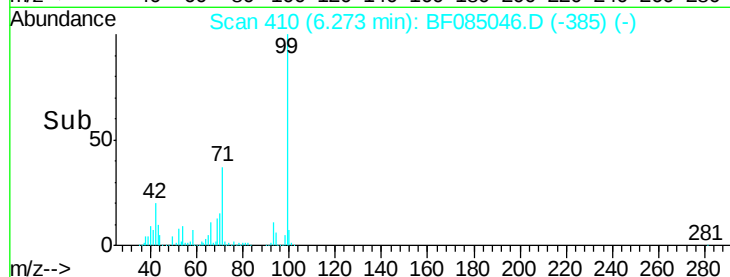
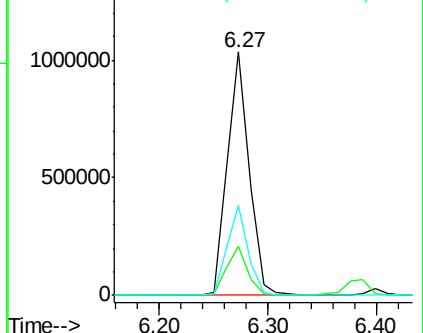
71 37.2 30.9 46.3



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: 45.51 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

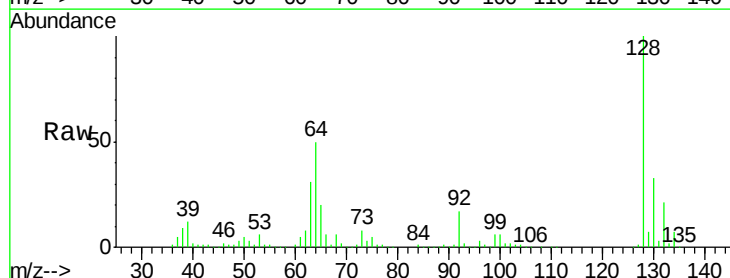
Tgt Ion: 128 Resp: 476449

Ion Ratio Lower Upper

128 100

130 33.1 11.6 51.6

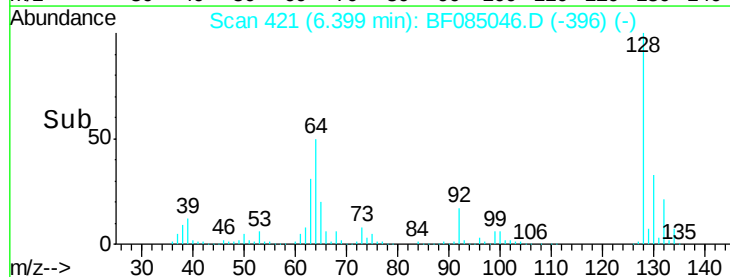
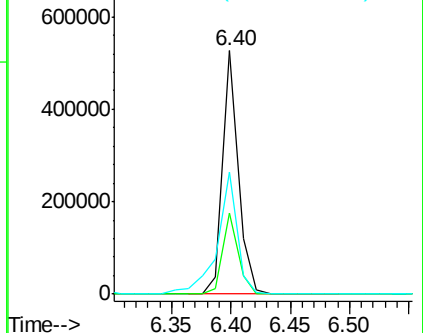
64 50.2 23.8 63.8

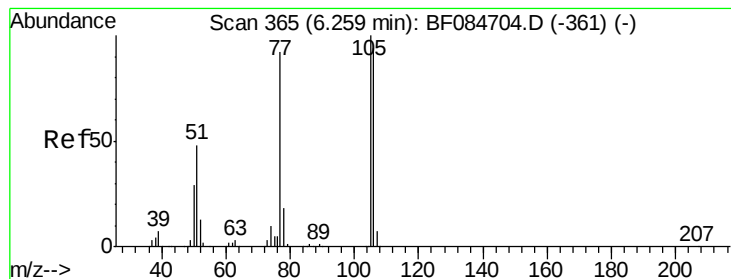


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.35 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

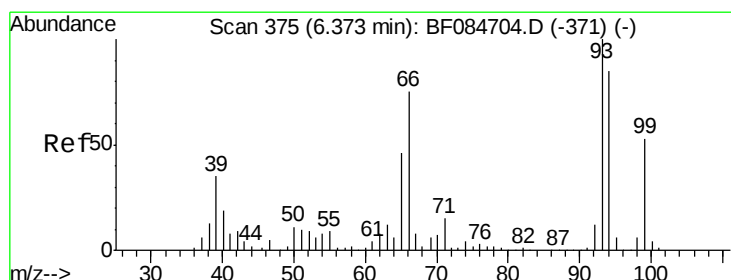
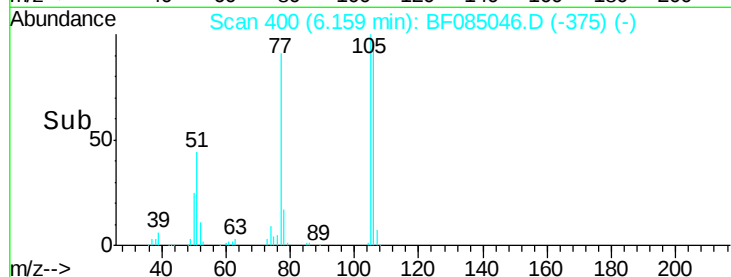
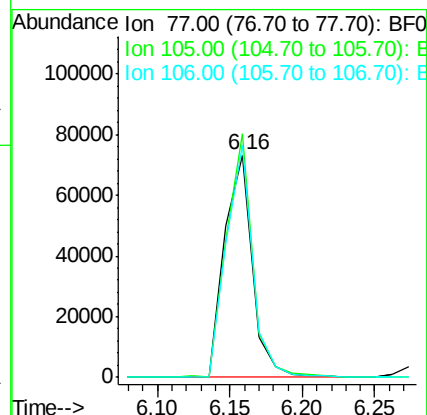
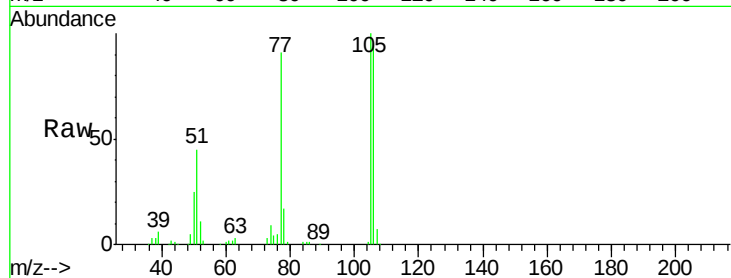
Tgt Ion: 77 Resp: 97170

Ion Ratio Lower Upper

77 100

105 109.5 83.0 123.0

106 104.3 74.6 114.6



#10

Phenol

Concen: 36.21 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

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Acq: 12 Feb 2016 7:26

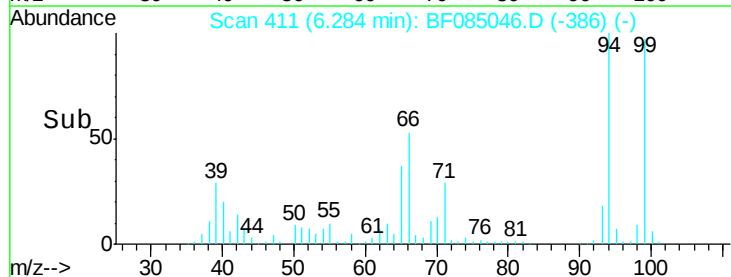
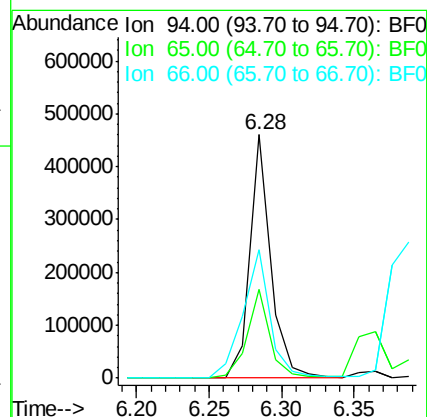
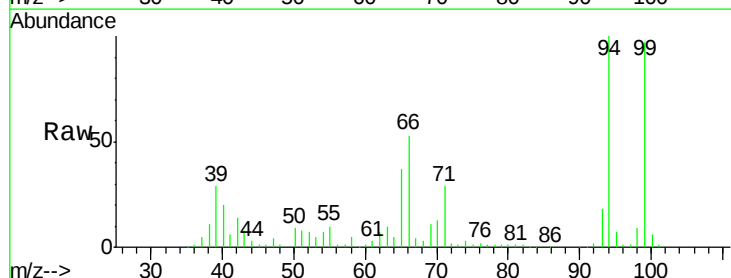
Tgt Ion: 94 Resp: 465015

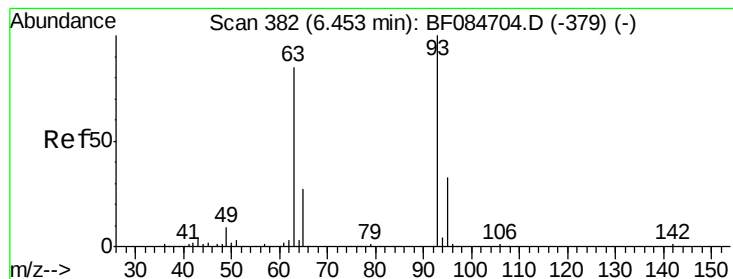
Ion Ratio Lower Upper

94 100

65 36.6 12.9 52.9

66 52.6 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 46.42 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

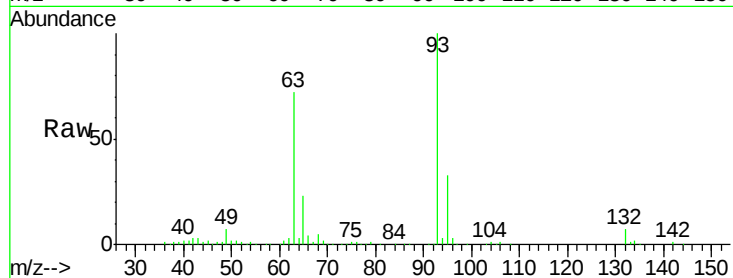
Tgt Ion: 93 Resp: 464936

Ion Ratio Lower Upper

93 100

63 72.2 45.9 85.9

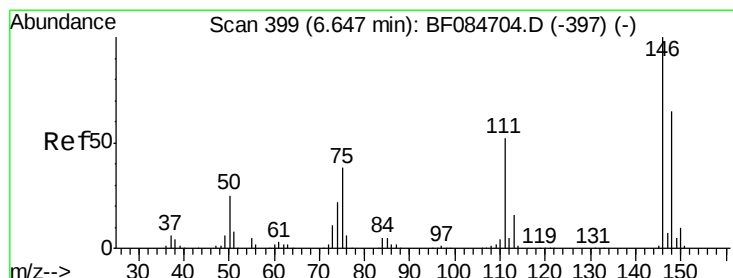
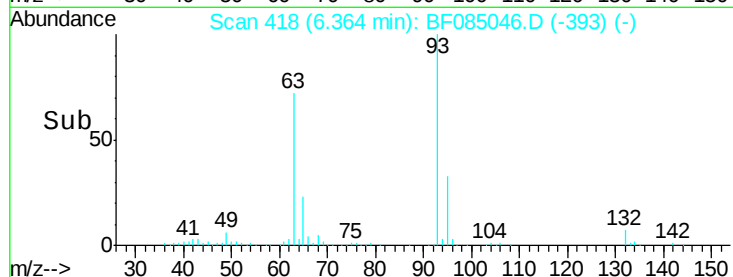
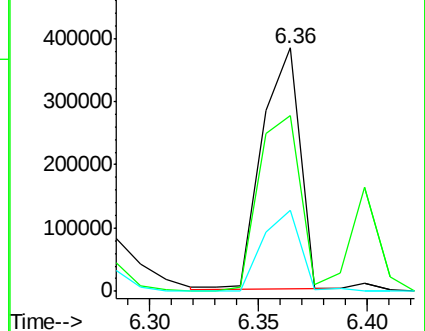
95 33.4 12.3 52.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.57 ng

RT: 6.55 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

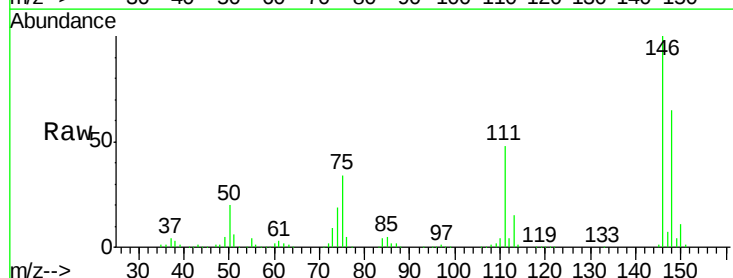
Tgt Ion: 146 Resp: 459765

Ion Ratio Lower Upper

146 100

148 64.8 51.9 77.9

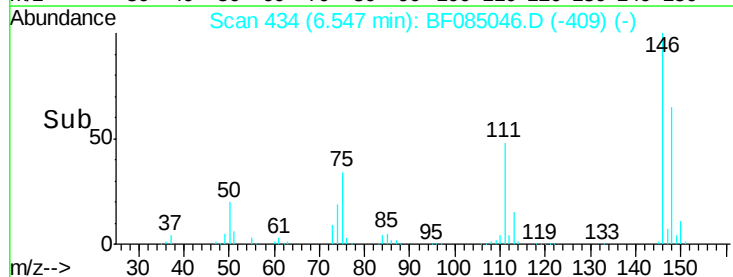
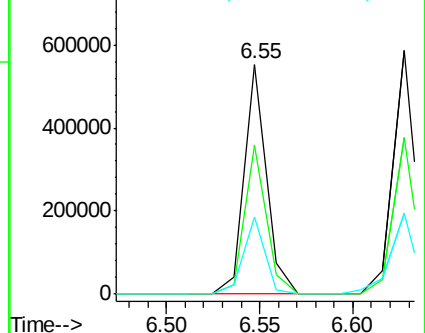
75 33.6 20.5 30.7#

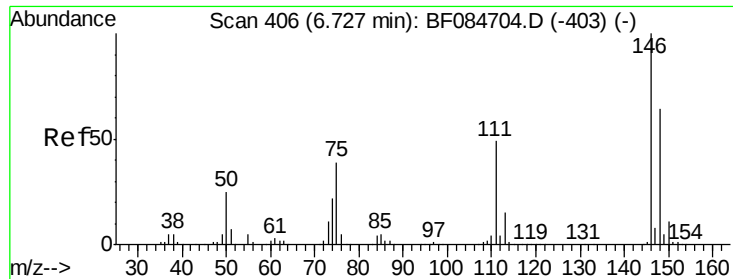


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.38 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF085046.D

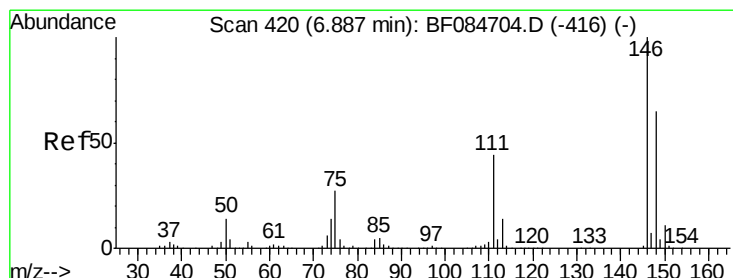
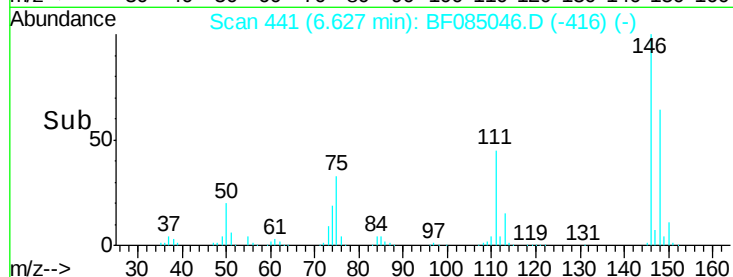
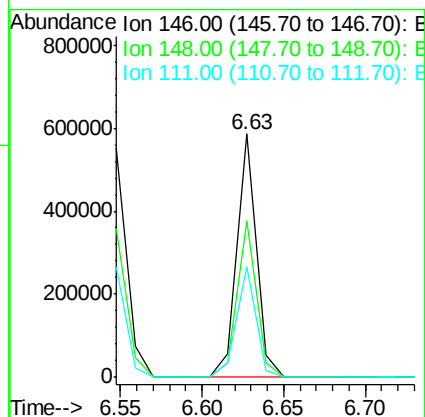
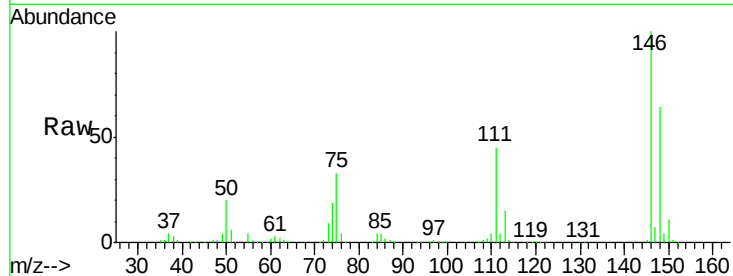
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.9	77.9
111	45.3	41.6	62.4



#14

1,2-Dichlorobenzene

Concen: 39.10 ng

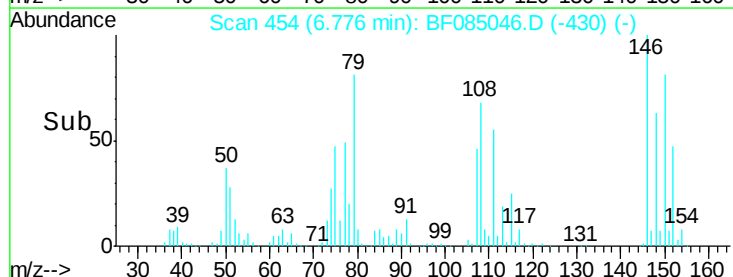
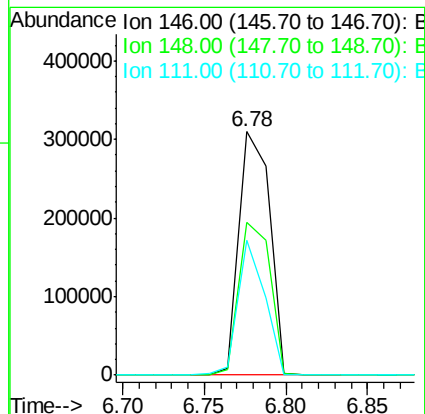
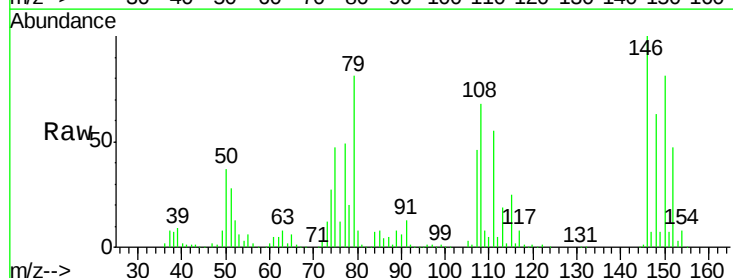
RT: 6.78 min Scan# 454

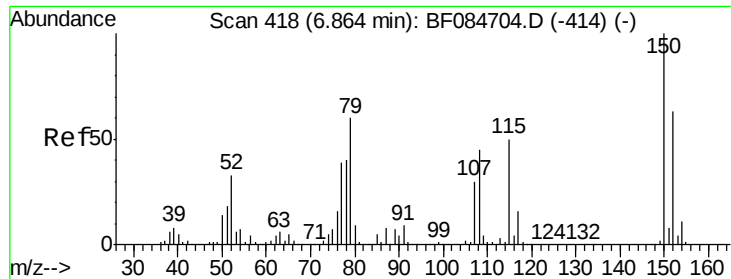
Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.6	77.4
111	55.2	38.0	57.0

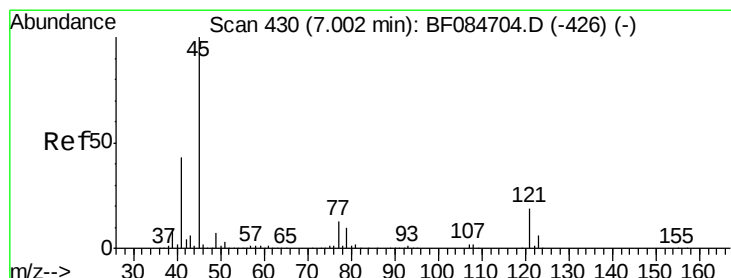
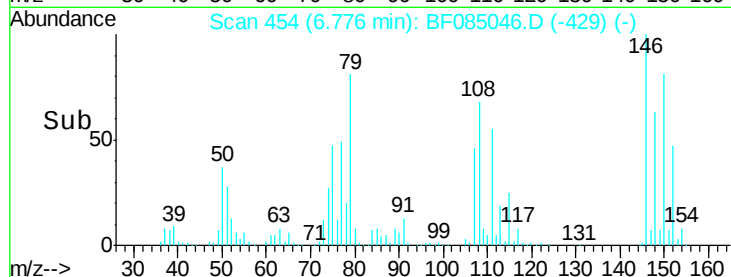
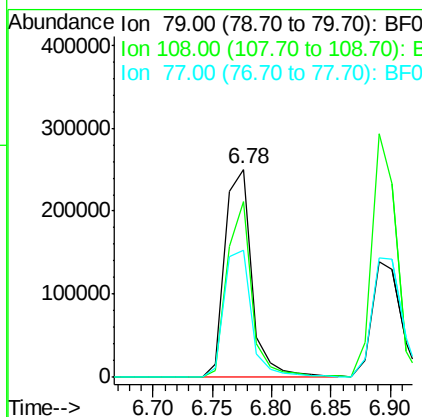
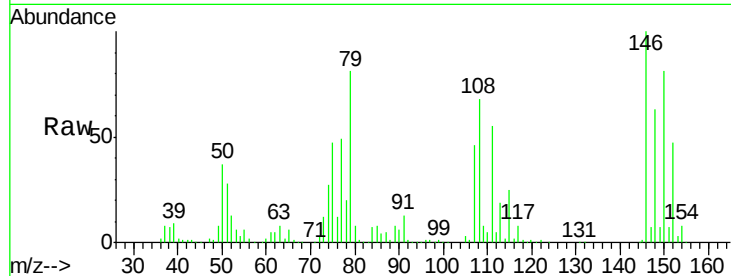




#15
Benzyl Alcohol
Concen: 49.93 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

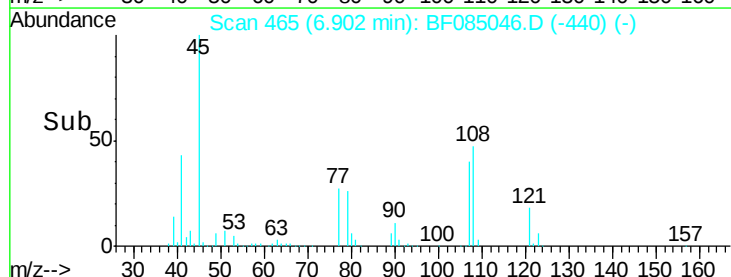
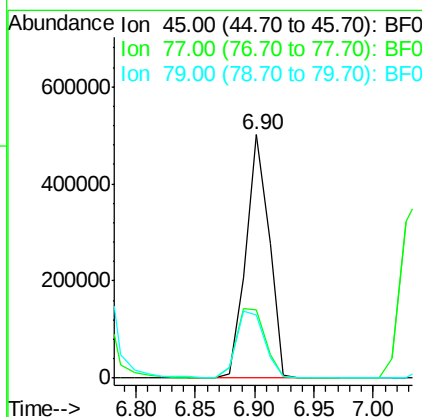
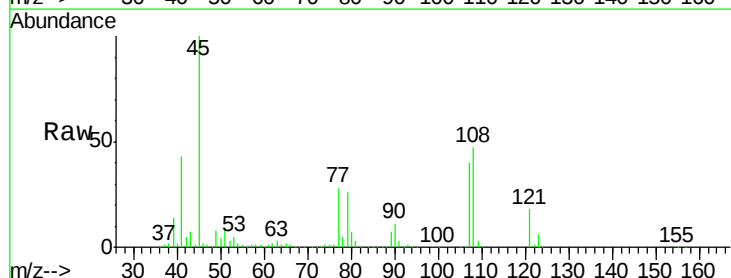
Instrument :
BNA_F
ClientSampled :

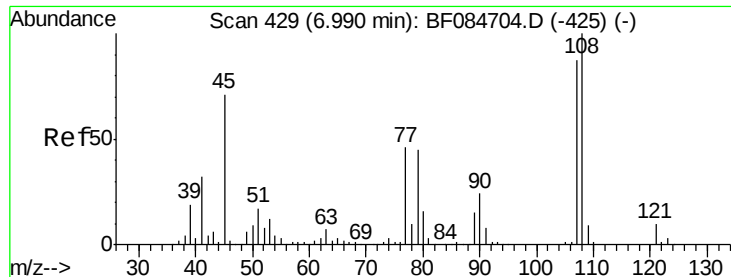
Tgt Ion: 79 Resp: 395299
Ion Ratio Lower Upper
79 100
108 84.4 69.0 103.4
77 61.1 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.67 ng
RT: 6.90 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion: 45 Resp: 685162
Ion Ratio Lower Upper
45 100
77 28.3 0.0 39.6
79 26.1 0.0 35.0

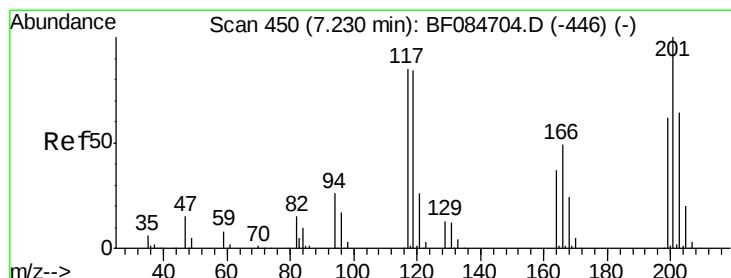
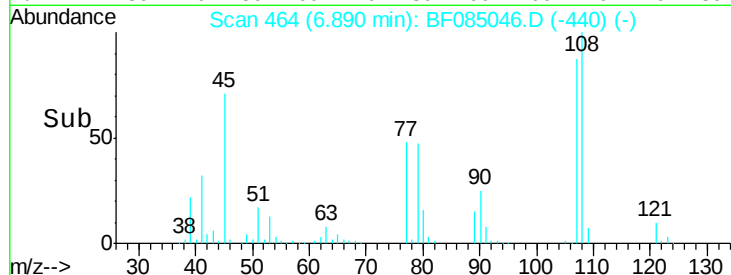
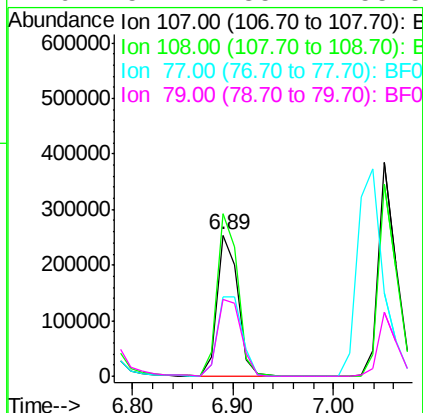
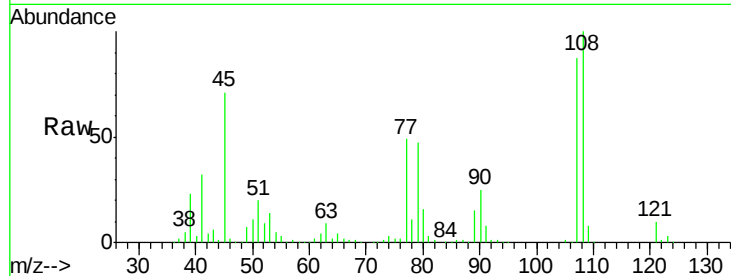




#17
2-Methylphenol
Concen: 43.90 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

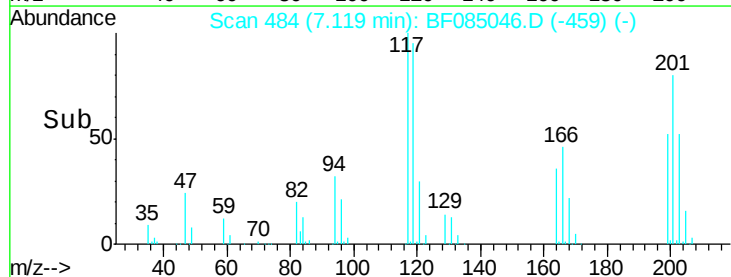
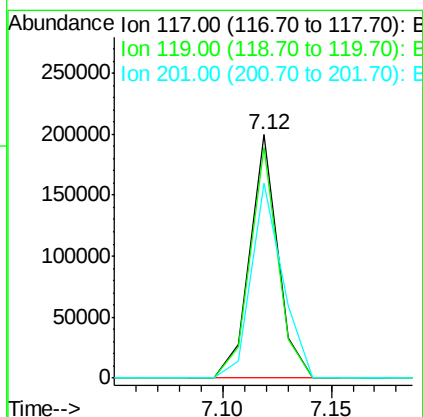
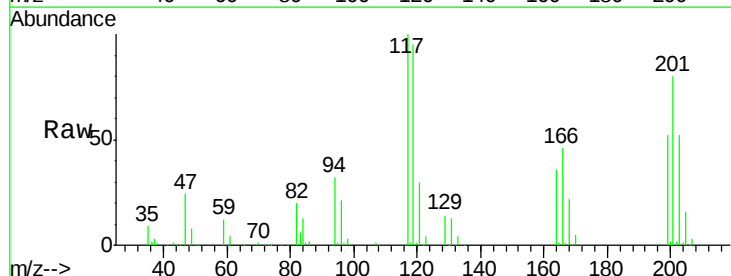
Instrument :
BNA_F
ClientSampled :

Tgt Ion:107 Resp: 363476
Ion Ratio Lower Upper
107 100
108 115.1 89.8 134.6
77 56.5 35.7 53.5#
79 54.4 35.7 53.5#



#18
Hexachloroethane
Concen: 41.87 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:117 Resp: 178262
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
201 80.1 68.6 103.0

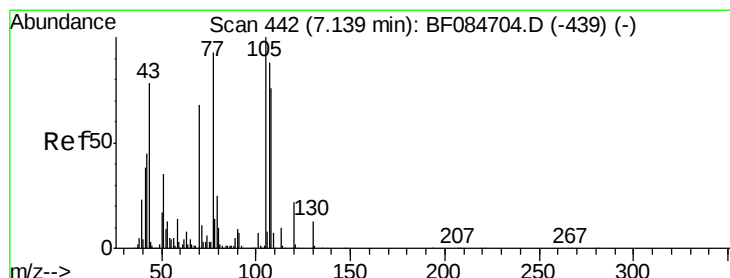
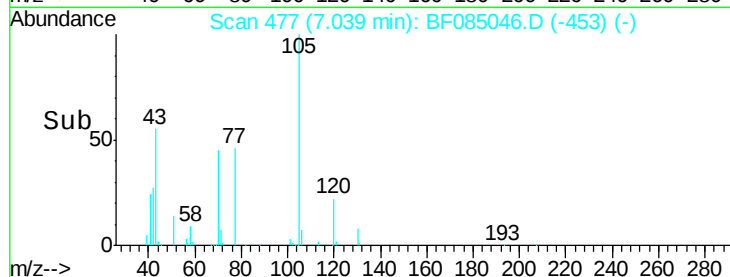
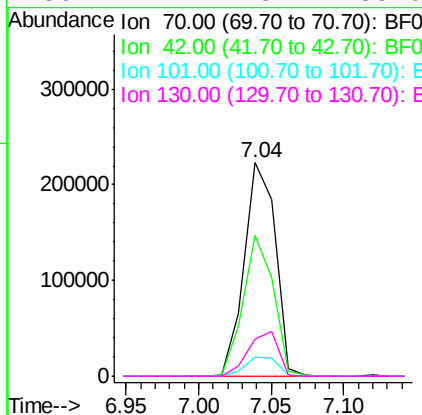
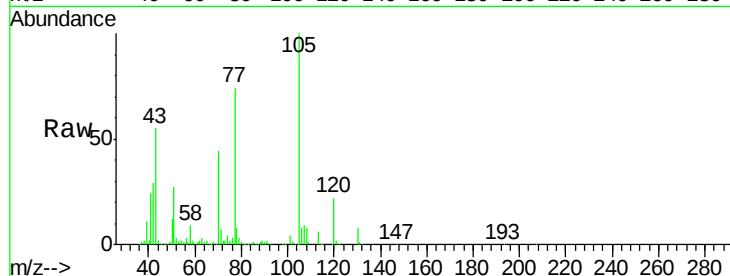




#19
n-Nitroso-di-n-propylamine
Concen: 46.17 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

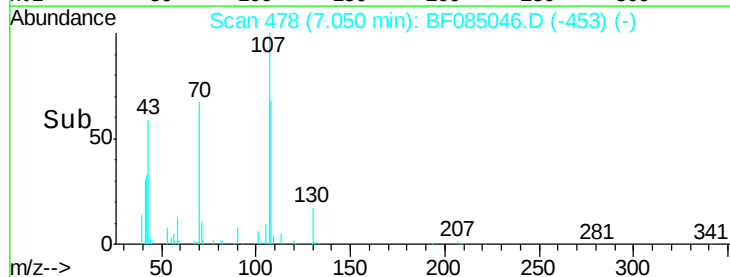
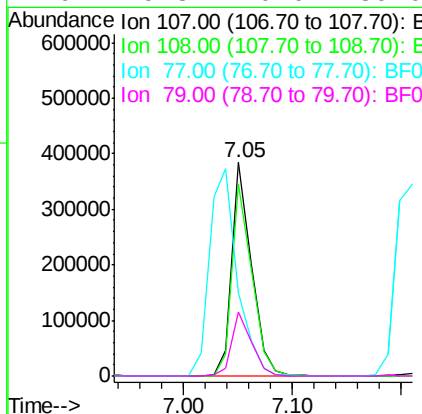
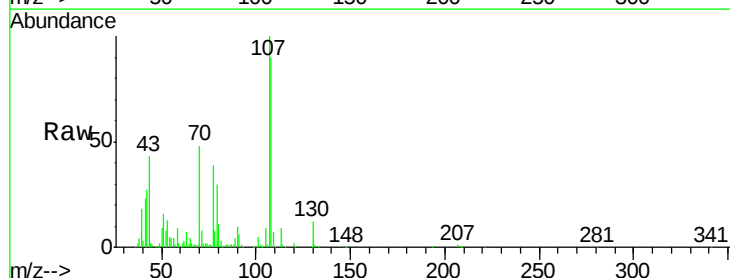
Instrument :
BNA_F
ClientSampleId :

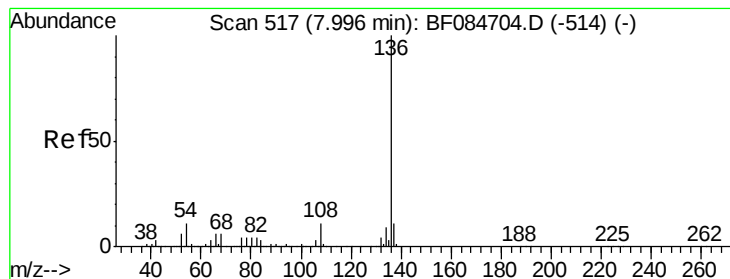
Tgt Ion:	70	Resp:	331841
Ion	Ratio	Lower	Upper
70	100		
42	65.9	33.3	49.9#
101	8.8	9.3	13.9#
130	17.2	23.4	35.0#



#20
3+4-Methylphenols
Concen: 46.56 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:	107	Resp:	478409
Ion	Ratio	Lower	Upper
107	100		
108	89.9	74.6	114.6
77	39.2	0.7	40.7
79	29.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085046.D

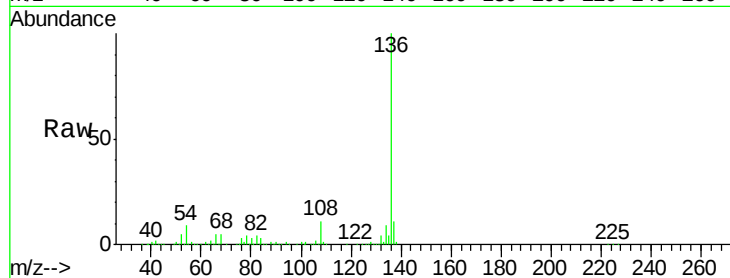
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	136	Resp:	592854
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	9.0	5.8	8.8#
68	4.9	4.2	6.2



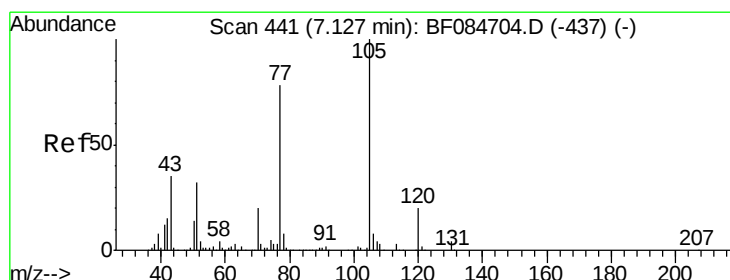
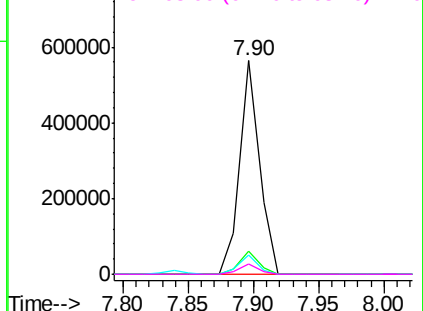
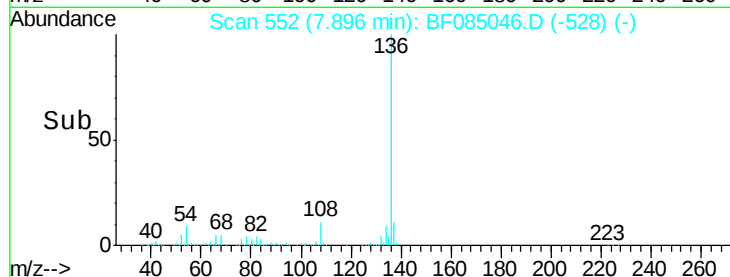
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.97 ng

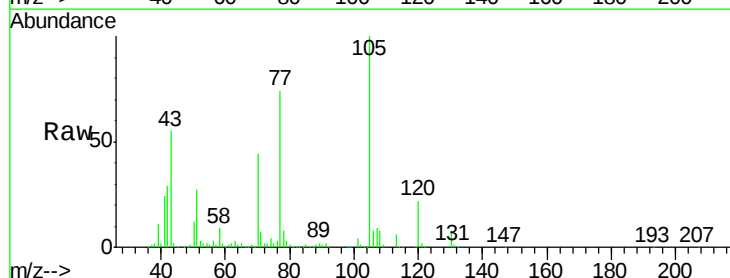
RT: 7.04 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	105	Resp:	687028
Ion Ratio	Lower	Upper	
105	100		
71	7.3	3.7	5.5#
51	26.9	25.1	37.7
120	21.5	16.6	25.0



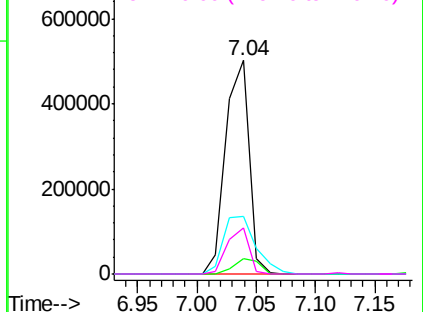
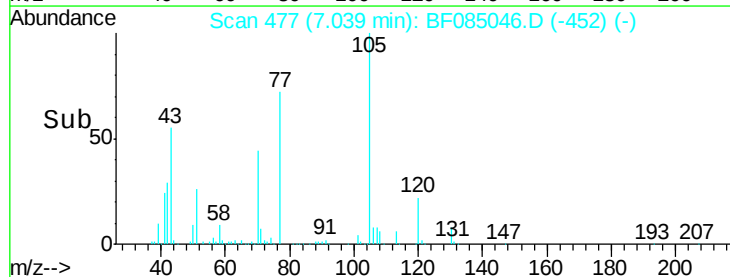
Abundance

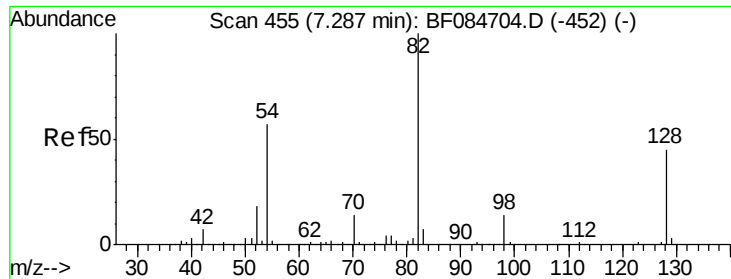
Ion 105.00 (104.70 to 105.70): E

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

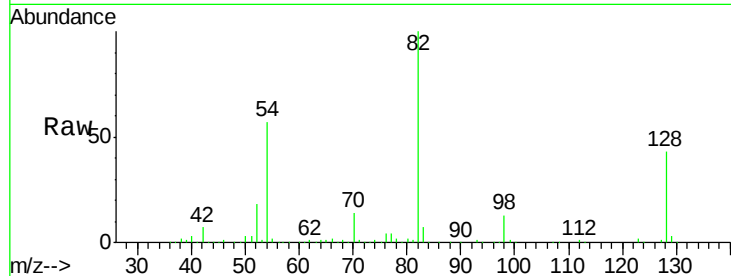




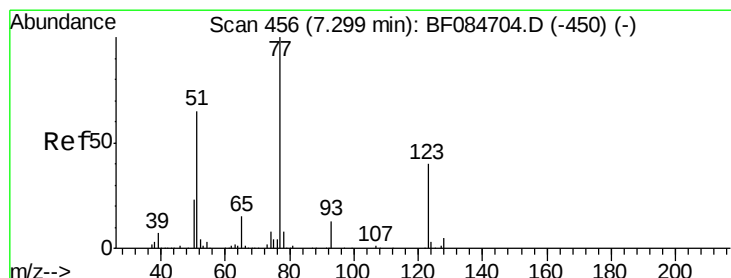
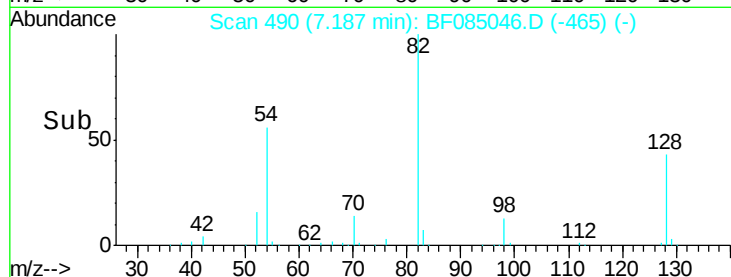
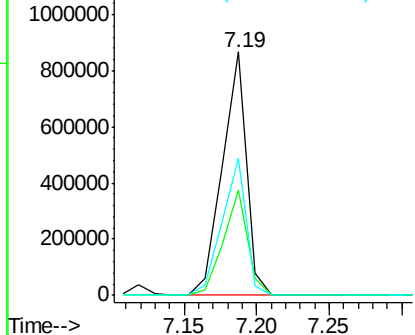
#23
 Nitrobenzene-d5
 Concen: 94.98 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampled :

Tgt Ion: 82 Resp: 999551
 Ion Ratio Lower Upper
 82 100
 128 43.4 34.6 51.8
 54 56.7 38.4 57.6

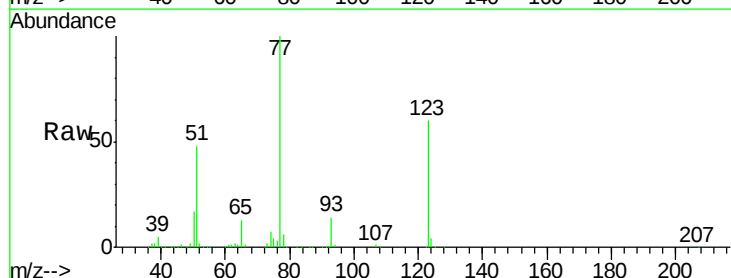


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

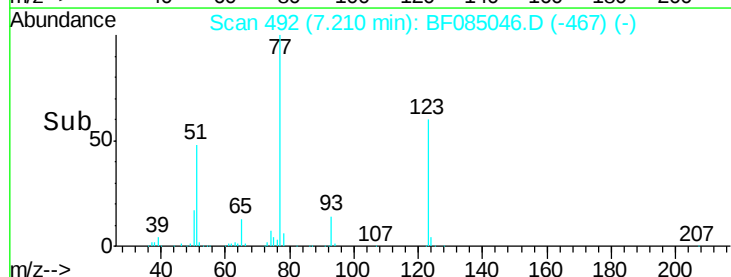
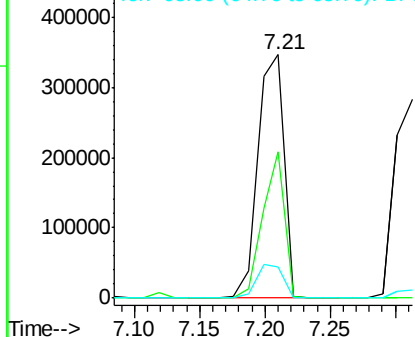


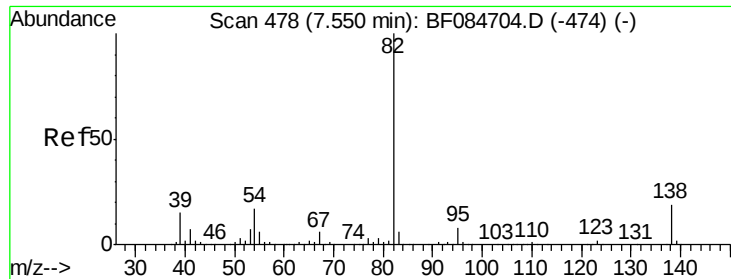
#24
 Nitrobenzene
 Concen: 42.85 ng
 RT: 7.21 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion: 77 Resp: 482934
 Ion Ratio Lower Upper
 77 100
 123 59.9 37.4 56.2#
 65 12.9 10.9 16.3



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





#25

Isophorone

Concen: 45.18 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

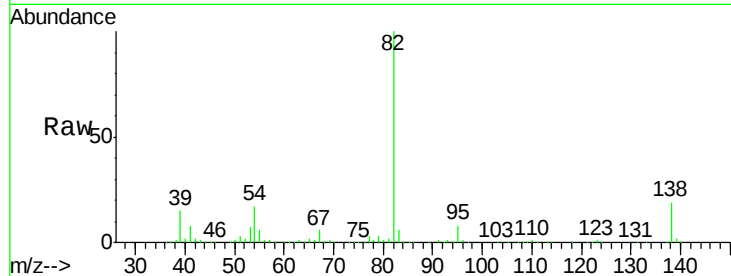
Tgt Ion: 82 Resp: 924663

Ion Ratio Lower Upper

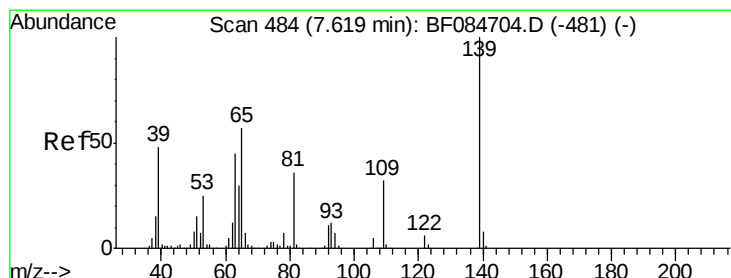
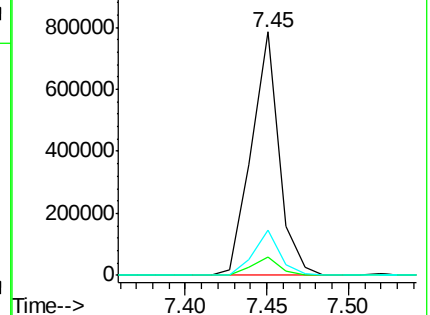
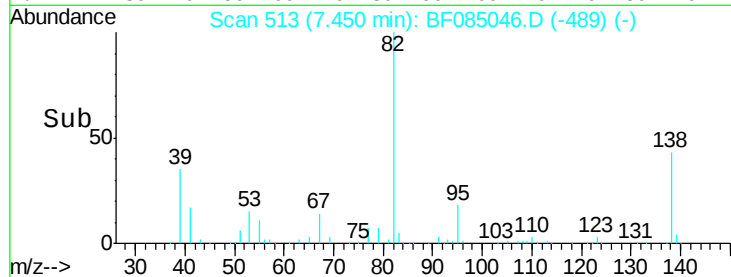
82 100

95 7.8 6.6 10.0

138 18.5 13.6 20.4



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: 42.56 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

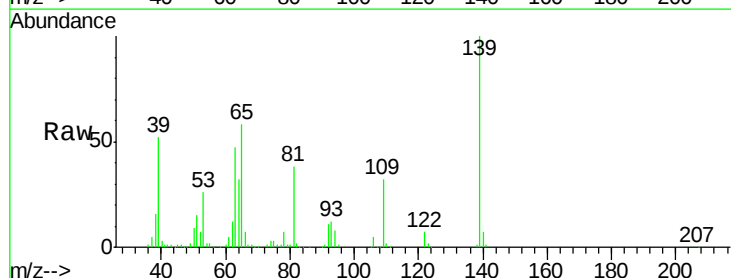
Tgt Ion: 139 Resp: 236568

Ion Ratio Lower Upper

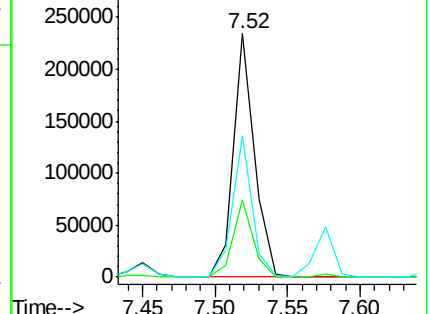
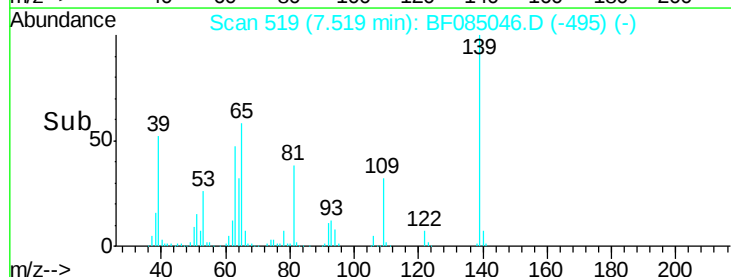
139 100

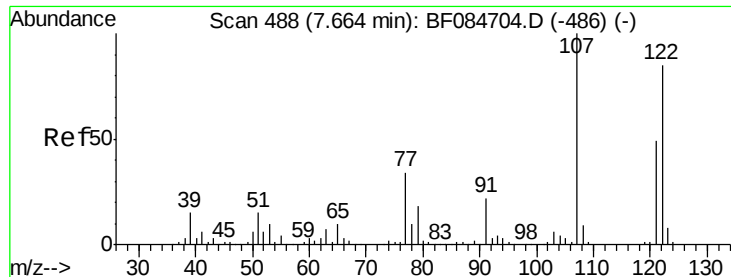
109 31.8 25.4 38.2

65 58.0 32.3 48.5#



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

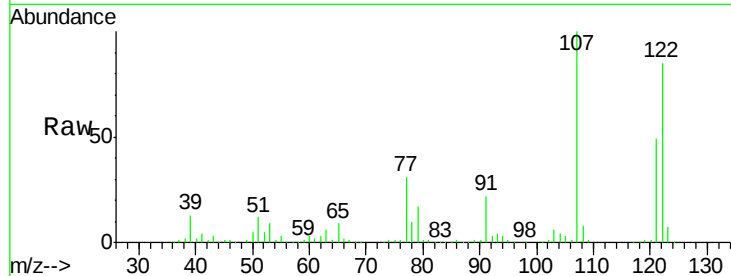




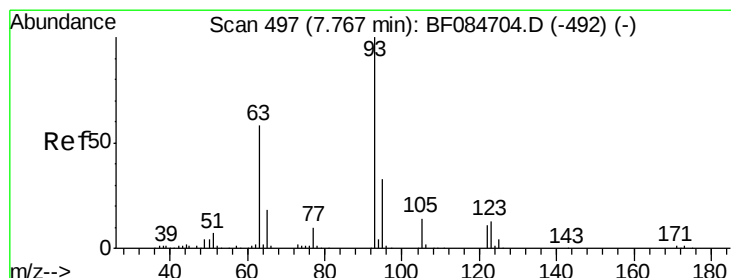
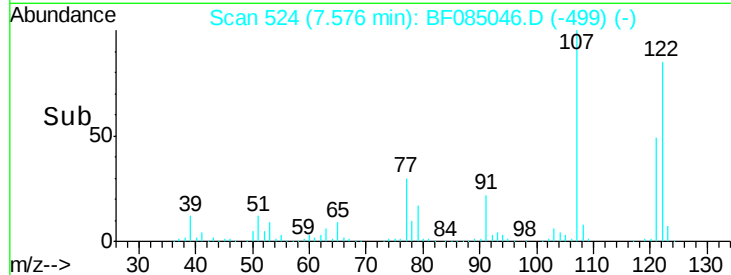
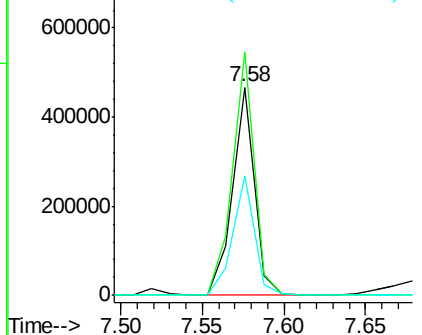
#27
 2,4-Dimethylphenol
 Concen: 44.56 ng
 RT: 7.58 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 122 Resp: 430804
 Ion Ratio Lower Upper
 122 100
 107 117.2 99.1 148.7
 121 57.5 47.9 71.9

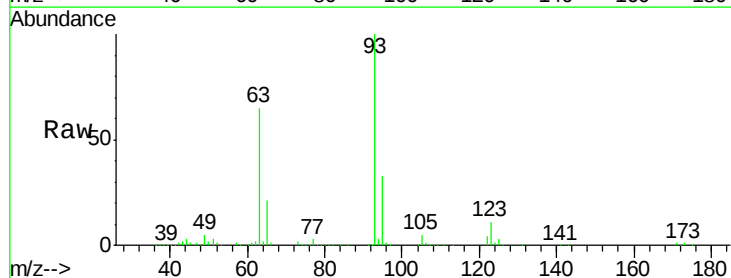


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

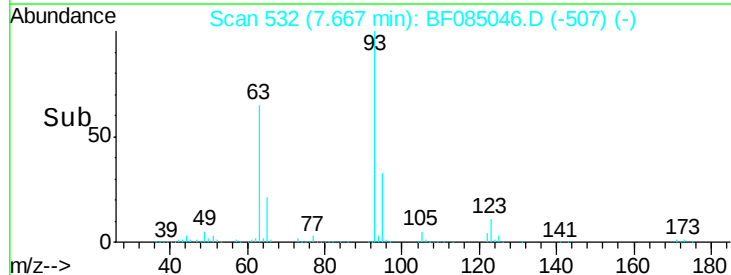
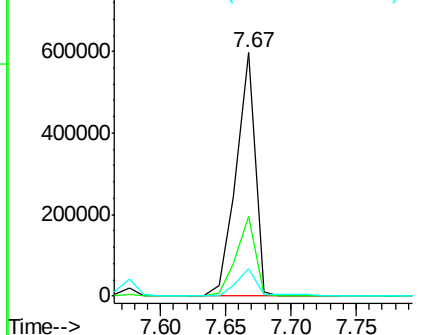


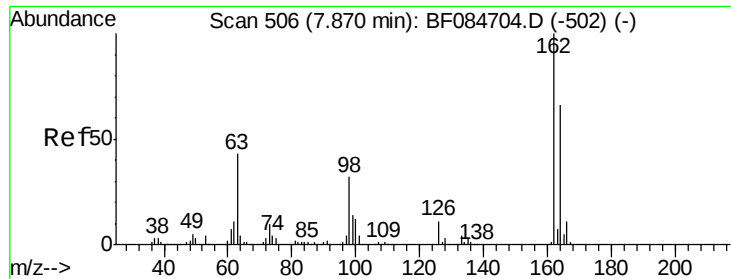
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.56 ng
 RT: 7.67 min Scan# 532
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion: 93 Resp: 601721
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 11.0 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.32 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF085046.D

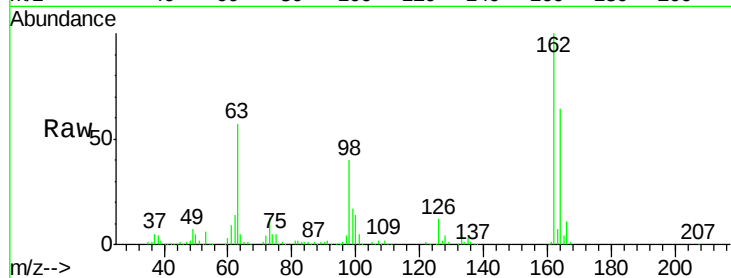
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

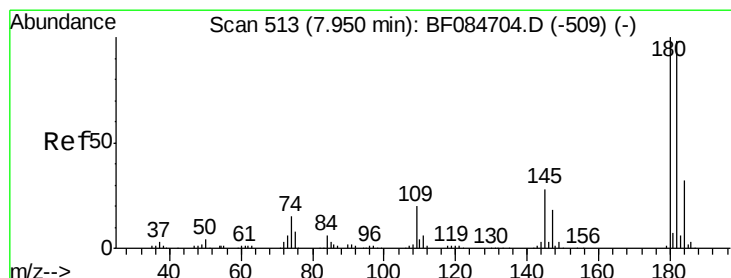
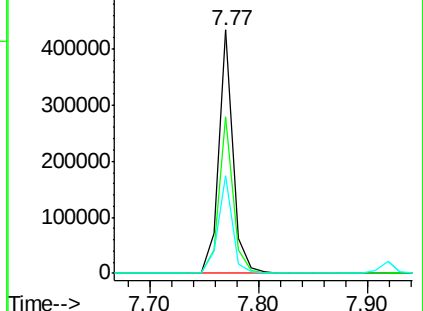
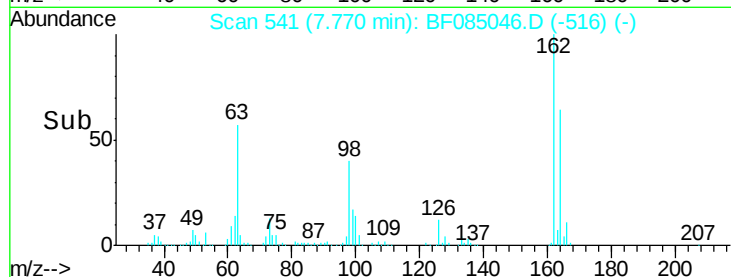
Tgt Ion:	162	Resp:	399680
Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.1	84.1
98	40.2	20.2	60.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.55 ng

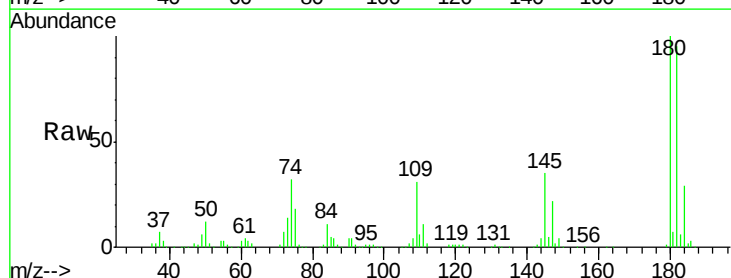
RT: 7.84 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

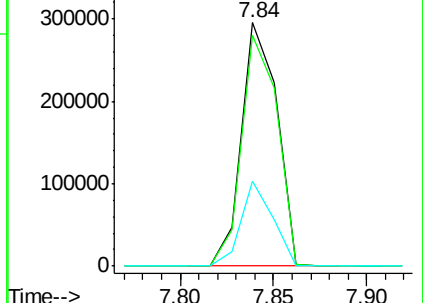
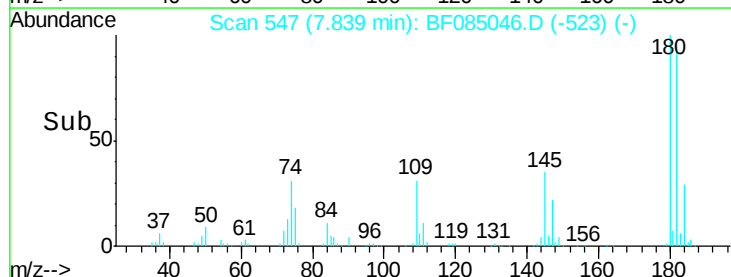
Tgt Ion:	180	Resp:	388178
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.4	114.6
145	34.8	31.6	47.4



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: 43.59 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

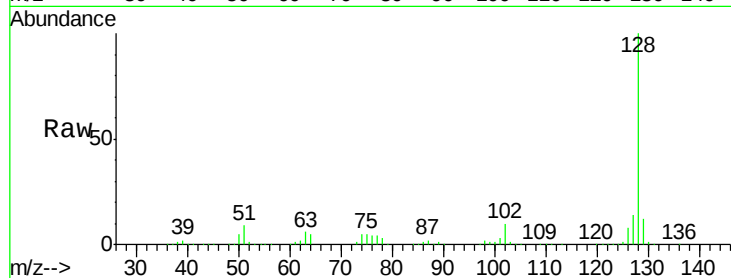
Tgt Ion:128 Resp: 1296329

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

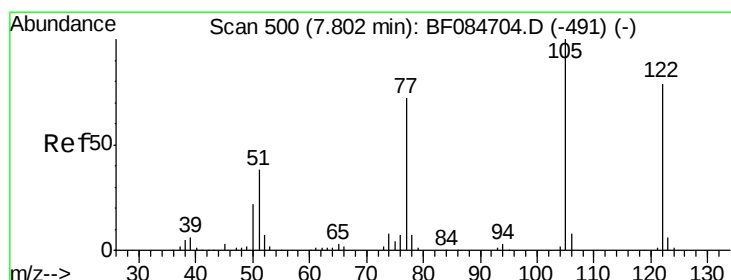
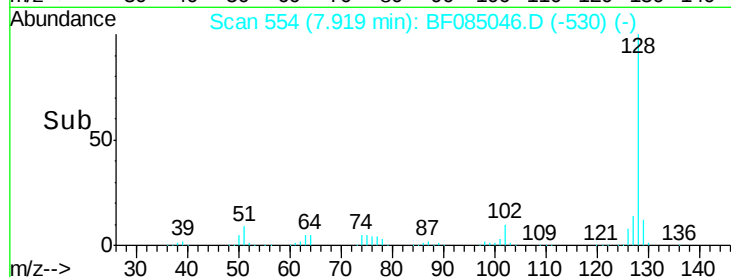
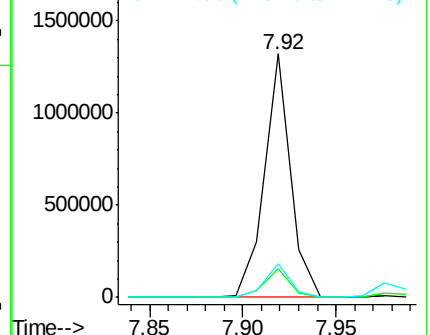
127 13.9 11.1 16.7



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: 25.95 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

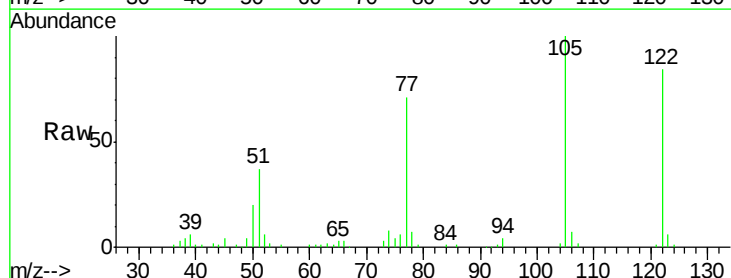
Tgt Ion:122 Resp: 160492

Ion Ratio Lower Upper

122 100

105 119.7 100.3 140.3

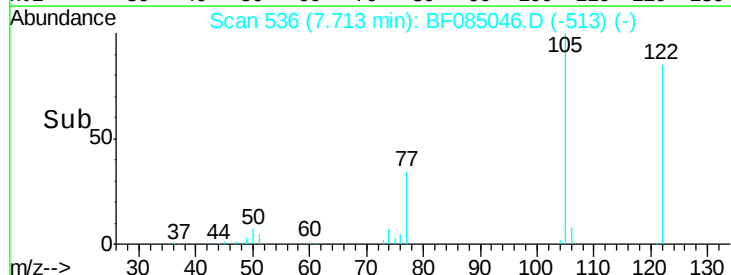
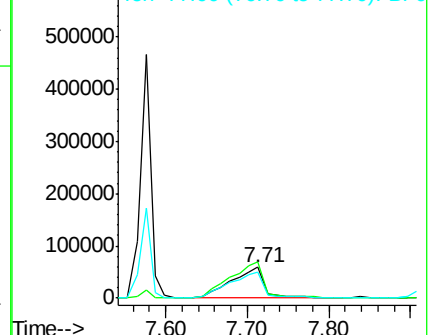
77 85.1 63.5 103.5

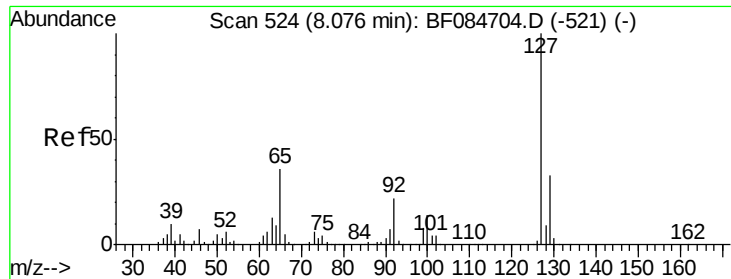


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

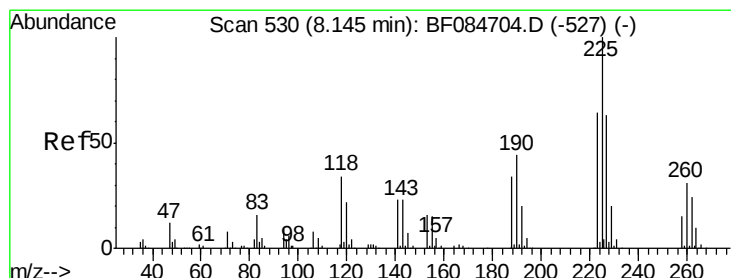
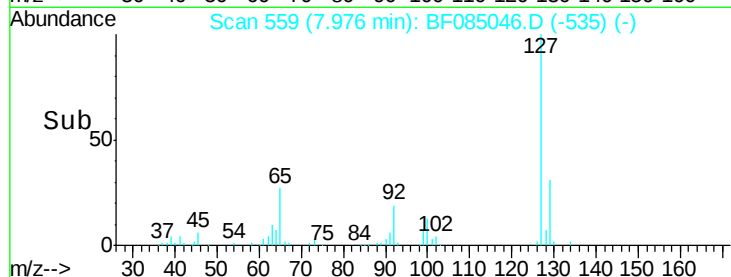
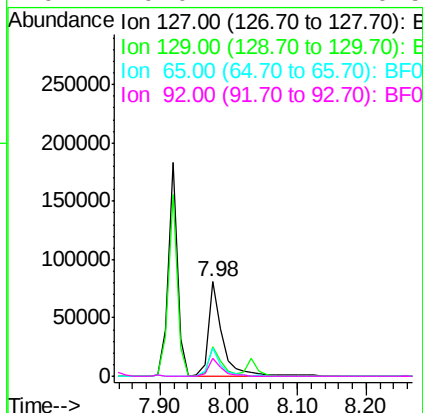
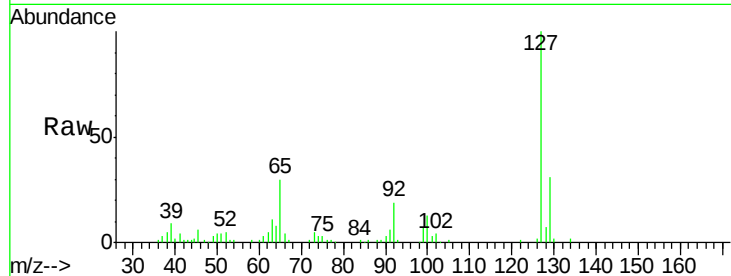




#33
4-Chloroaniline
Concen: 9.42 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

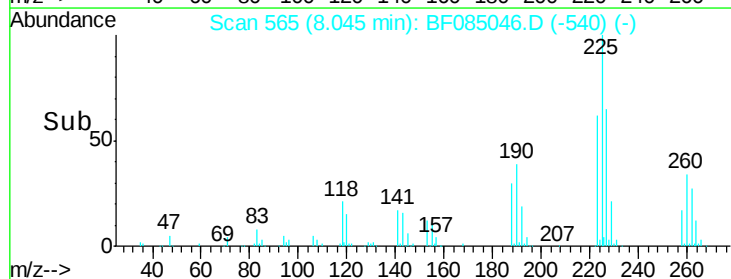
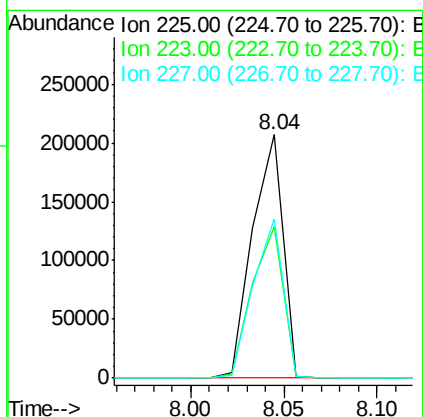
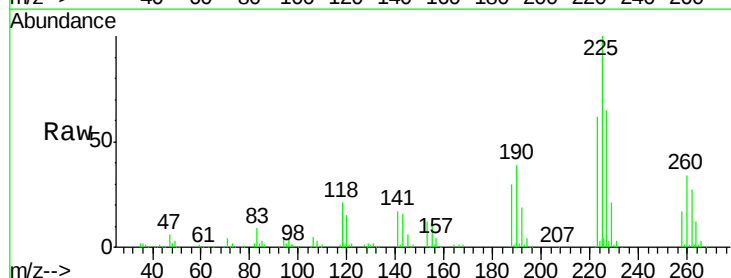
Instrument :
BNA_F
ClientSampleId :

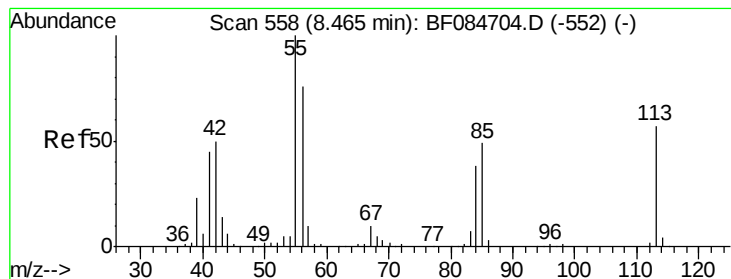
Tgt Ion:	127	Resp:	115876
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	30.0	27.2	40.8
92	19.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 43.39 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:	225	Resp:	233751
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	65.1	50.8	76.2





#35

Caprolactam

Concen: 40.09 ng

RT: 8.36 min Scan# 593

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

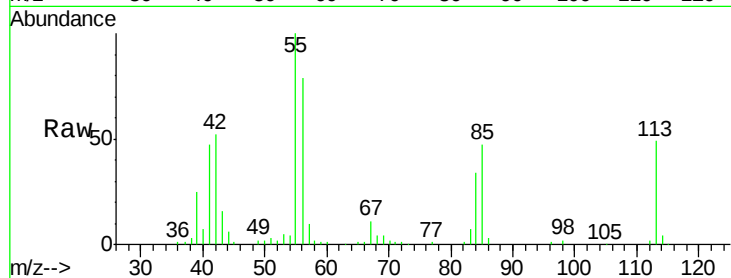
Tgt Ion:113 Resp: 102224

Ion Ratio Lower Upper

113 100

55 203.3 116.9 156.9#

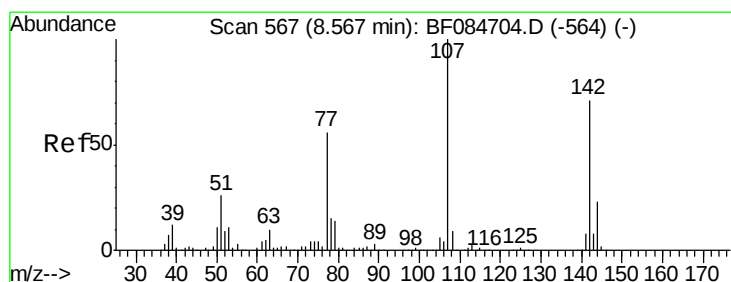
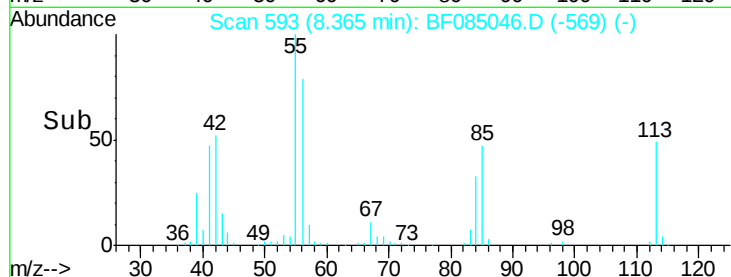
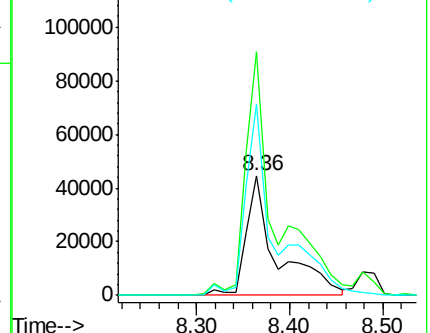
56 160.0 93.8 133.8#



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: 45.40 ng

RT: 8.48 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

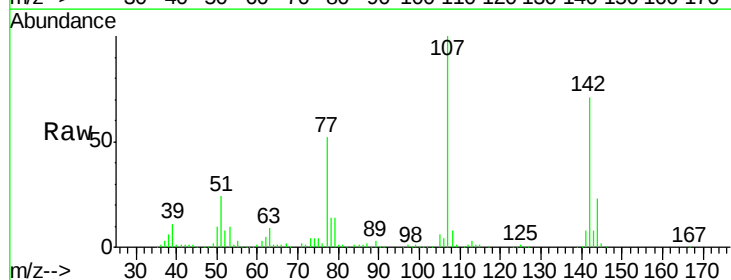
Tgt Ion:107 Resp: 428439

Ion Ratio Lower Upper

107 100

144 22.8 19.7 29.5

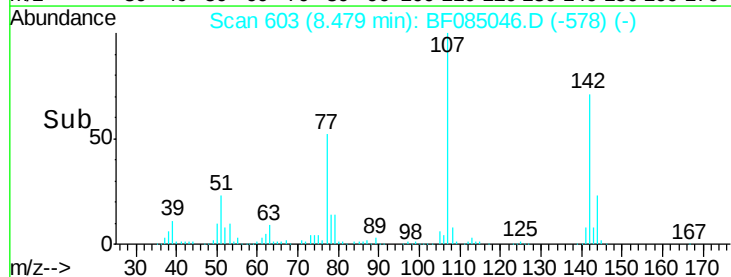
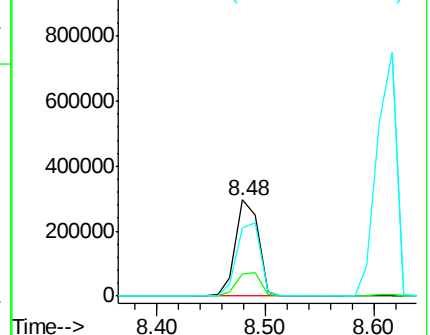
142 71.1 61.8 92.6

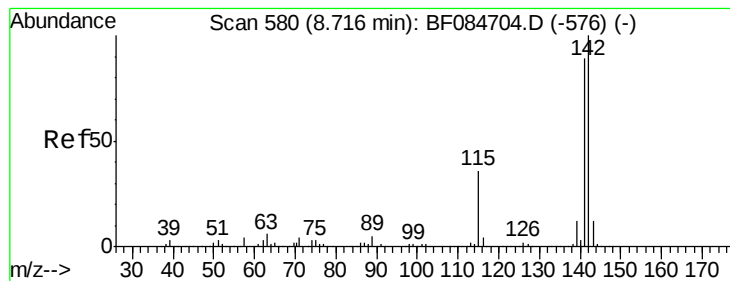


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

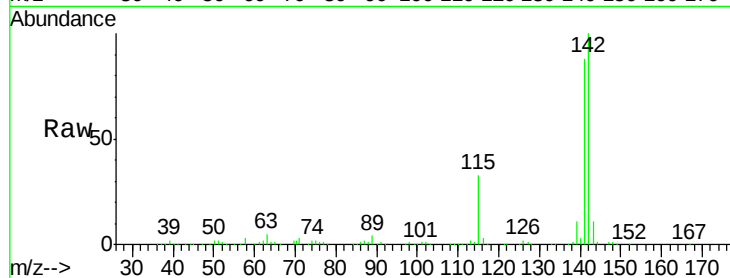




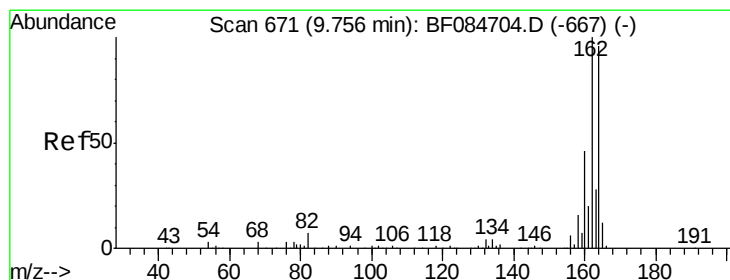
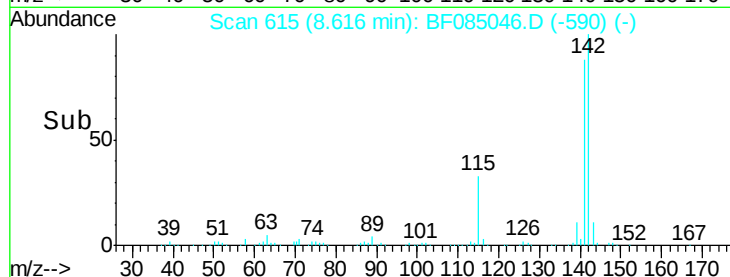
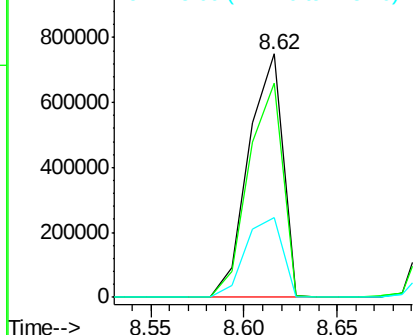
#37
2-Methylnaphthalene
Concen: 51.23 ng
RT: 8.62 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampled :

Tgt Ion:142 Resp: 953540
Ion Ratio Lower Upper
142 100
141 87.8 72.4 108.6
115 32.9 27.9 41.9

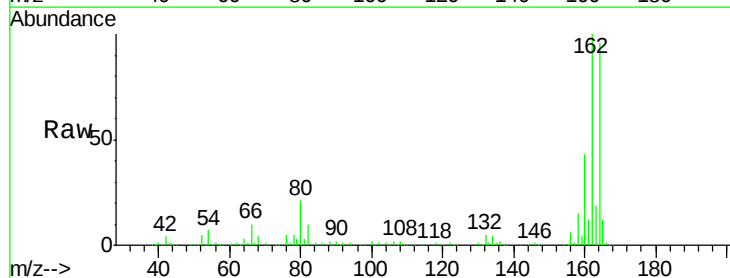


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

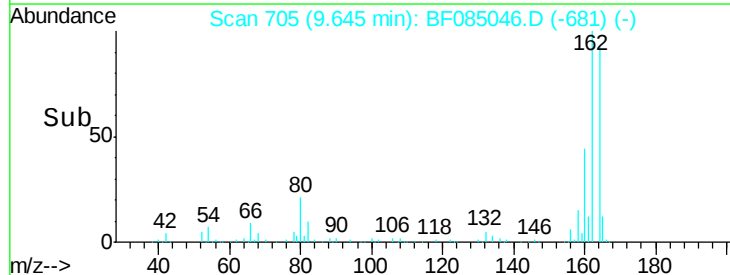
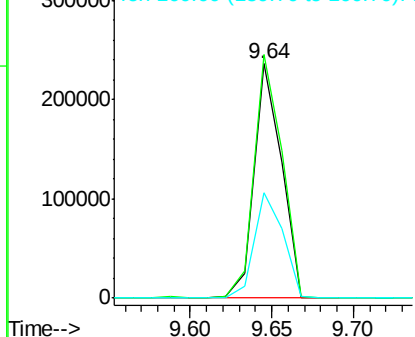


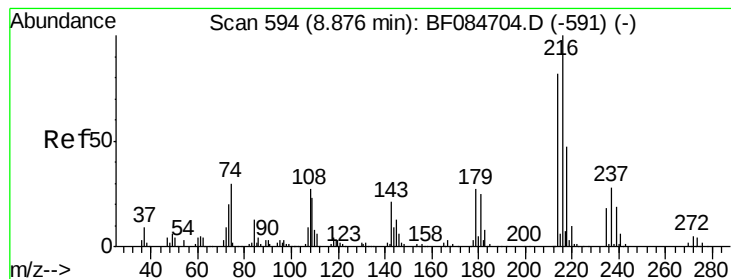
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:164 Resp: 275062
Ion Ratio Lower Upper
164 100
162 103.9 85.1 127.7
160 45.2 37.5 56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.26 ng

RT: 8.78 min Scan# 629

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:216 Resp: 351688

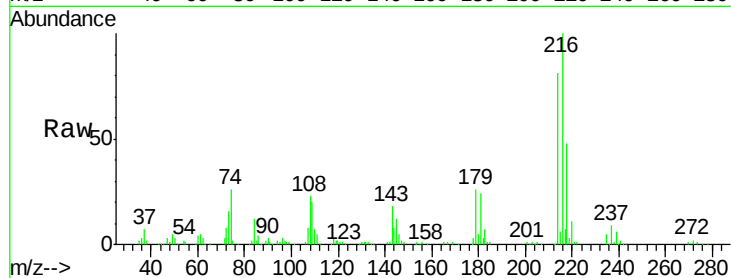
Ion Ratio Lower Upper

216 100

214 78.8 64.2 96.2

179 23.2 18.7 28.1

108 22.6 16.8 25.2

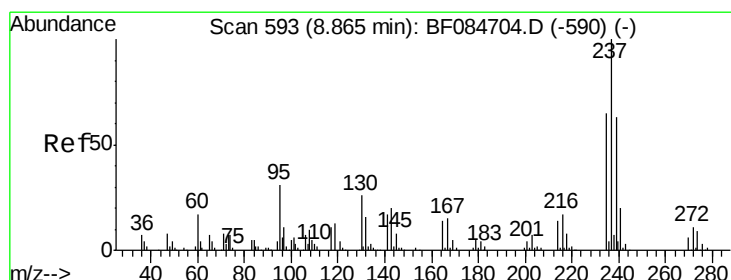
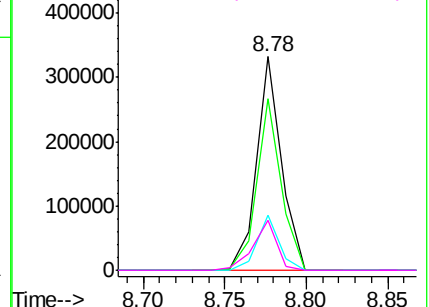
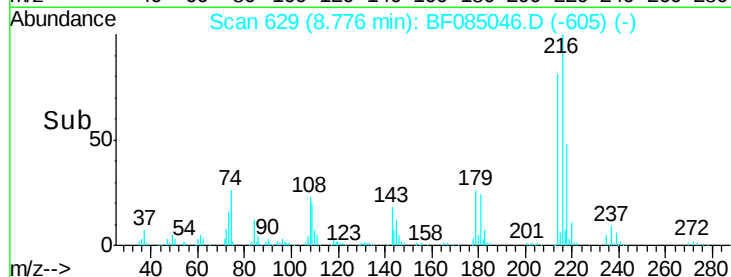


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.42 ng

RT: 8.76 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

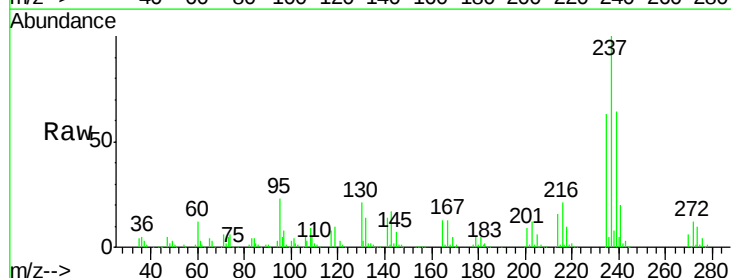
Tgt Ion:237 Resp: 263321

Ion Ratio Lower Upper

237 100

235 63.4 43.1 83.1

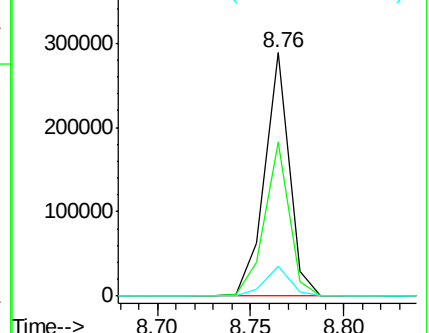
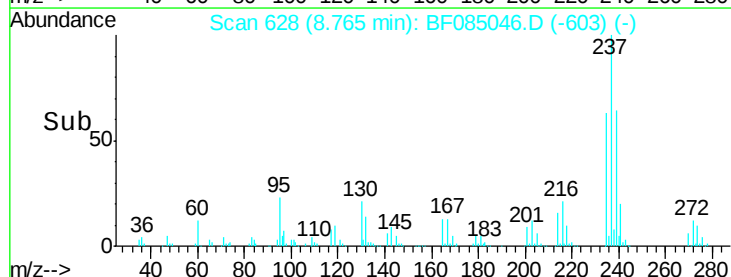
272 12.2 0.0 35.1

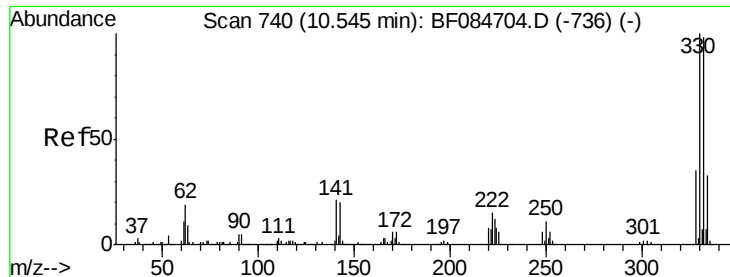


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

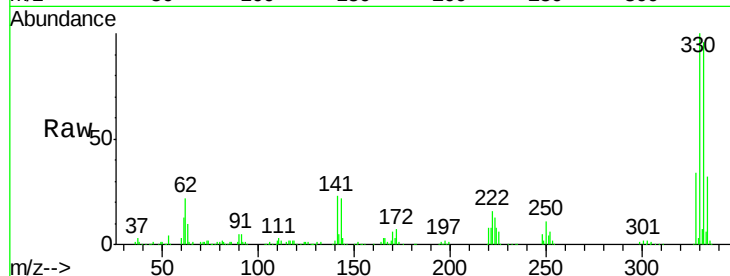




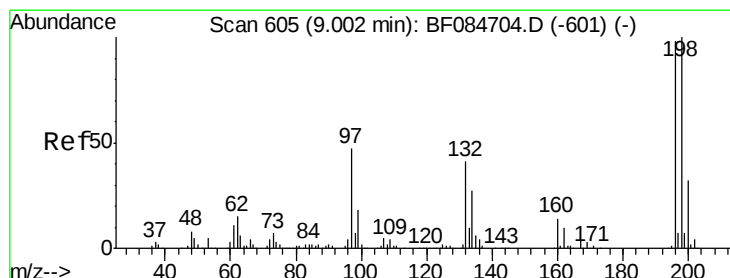
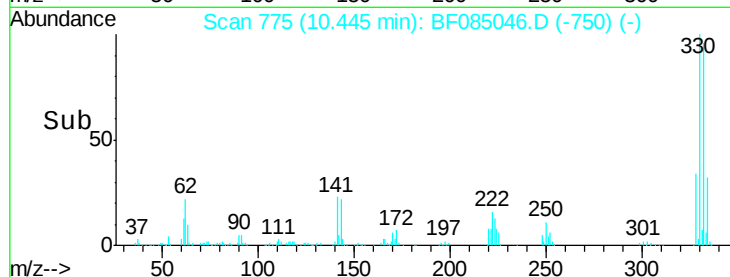
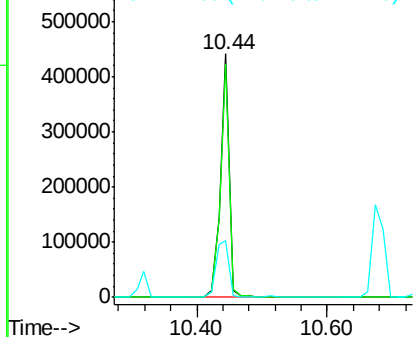
#41
 2,4,6-Tribromophenol
 Concen: 150.07 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:330 Resp: 430569
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 34.2 27.8 41.6

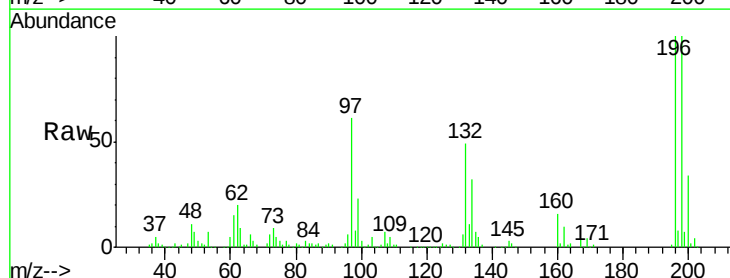


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

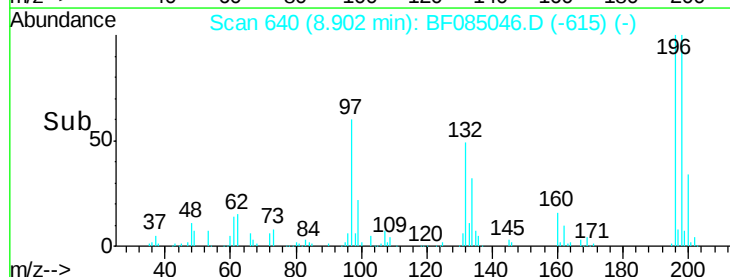
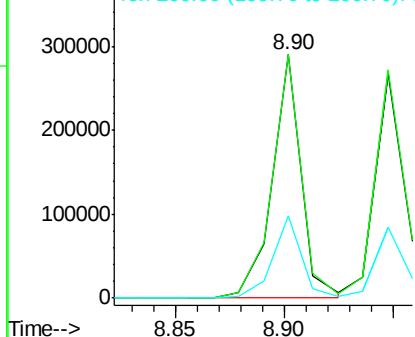


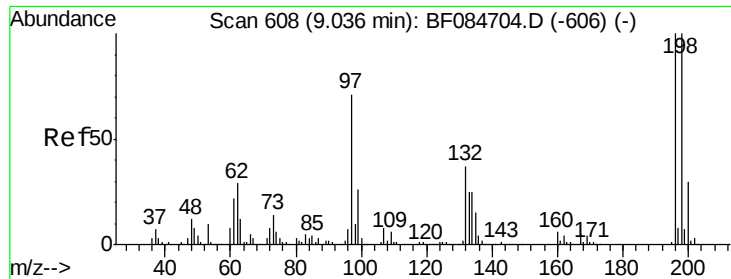
#42
 2,4,6-Trichlorophenol
 Concen: 48.03 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion:196 Resp: 270303
 Ion Ratio Lower Upper
 196 100
 198 100.0 77.7 116.5
 200 33.6 24.6 37.0



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

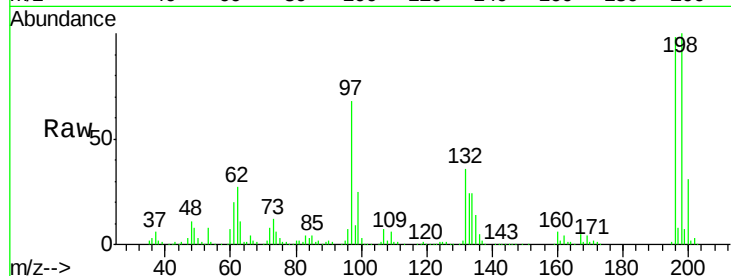




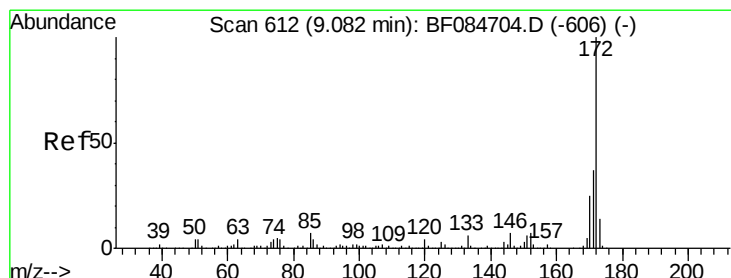
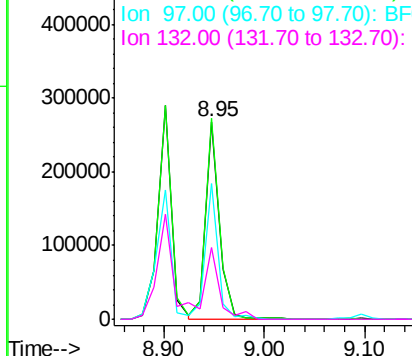
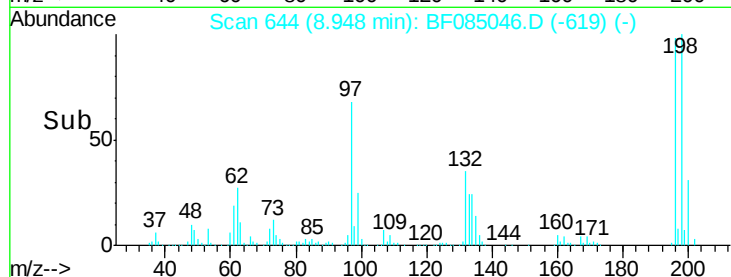
#43
 2,4,5-Trichlorophenol
 Concen: 44.74 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.6	79.0	118.6
97	69.0	33.0	49.6
132	36.1	21.1	31.7

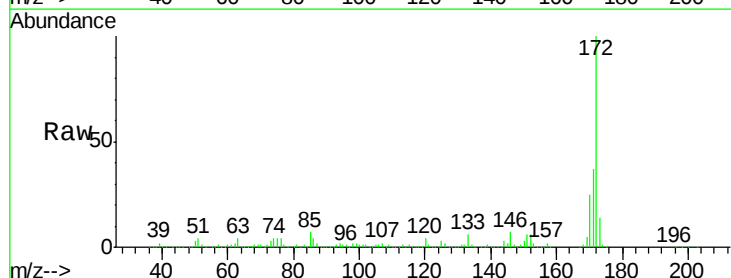


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

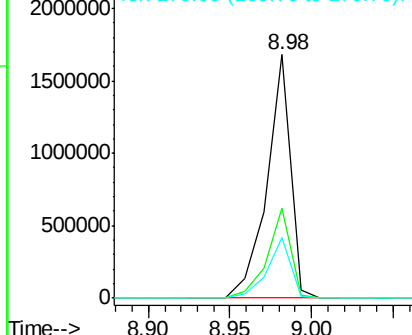
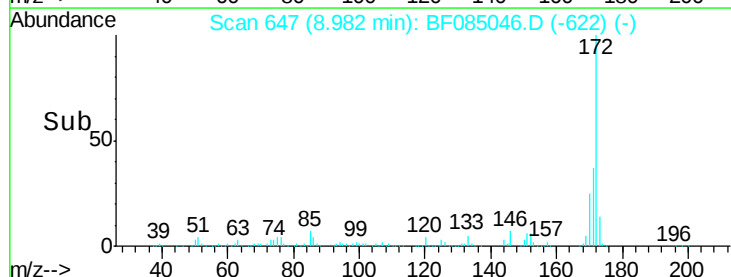


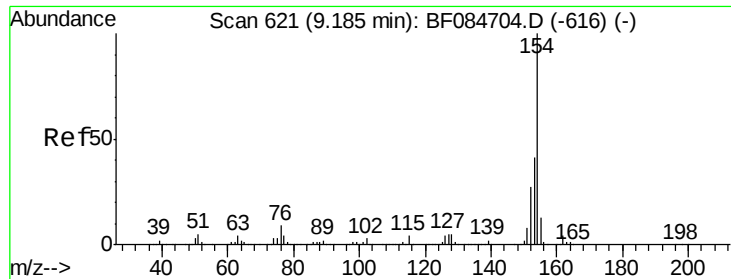
#44
 2-Fluorobiphenyl
 Concen: 120.88 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.9	43.3
170	25.1	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

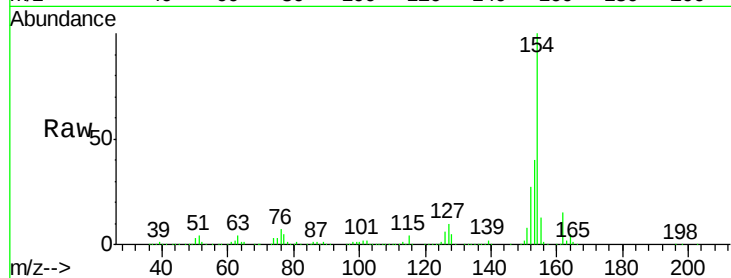




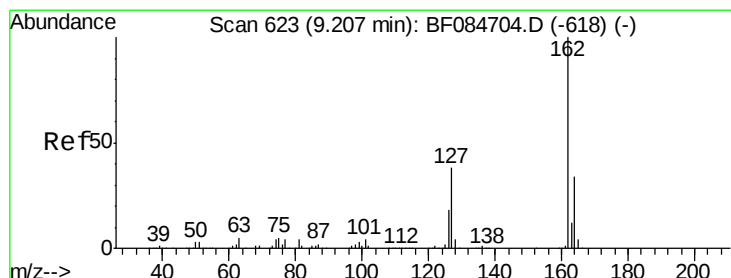
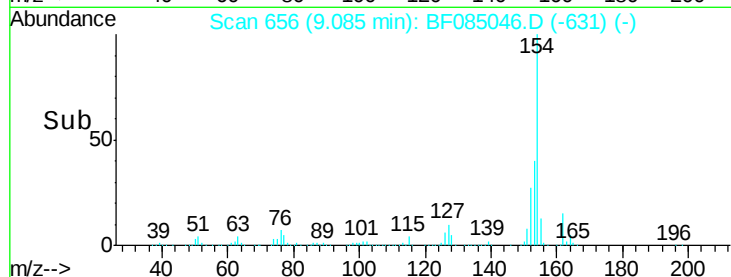
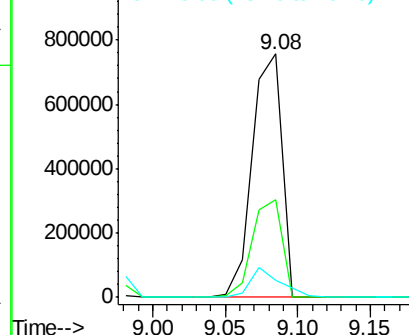
#45
 1,1'-Biphenyl
 Concen: 43.65 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:154 Resp: 1072458
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.6 61.6
 76 6.9 0.0 32.7

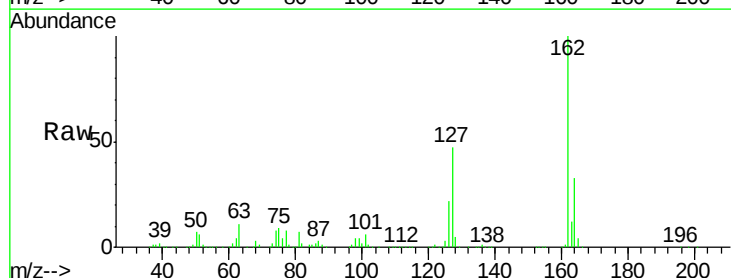


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

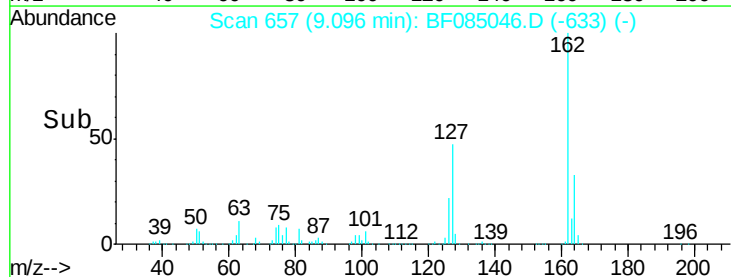
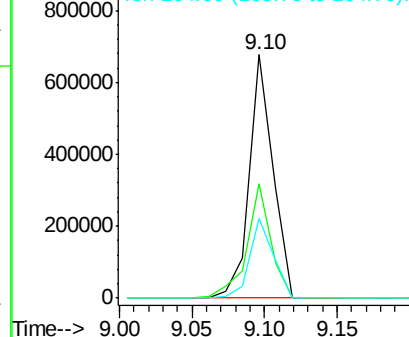


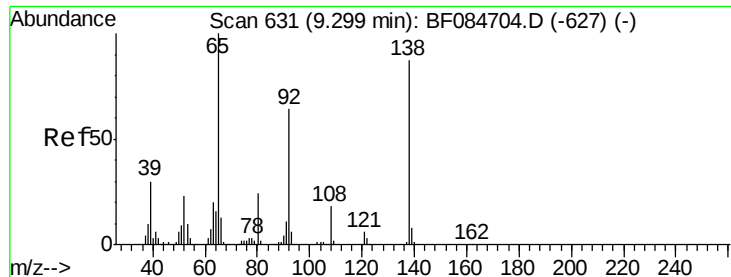
#46
 2-Chloronaphthalene
 Concen: 42.08 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion:162 Resp: 761338
 Ion Ratio Lower Upper
 162 100
 127 46.8 40.2 60.4
 164 32.6 25.7 38.5



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

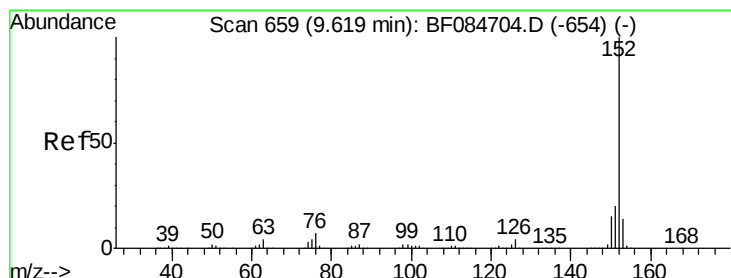
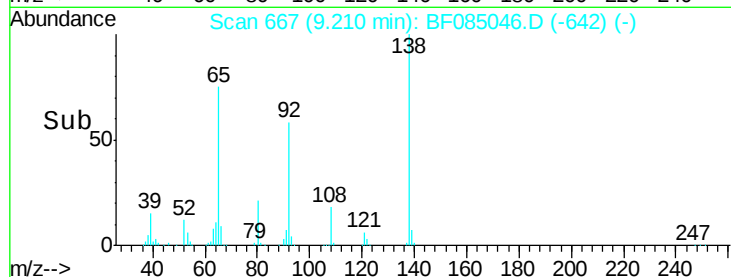
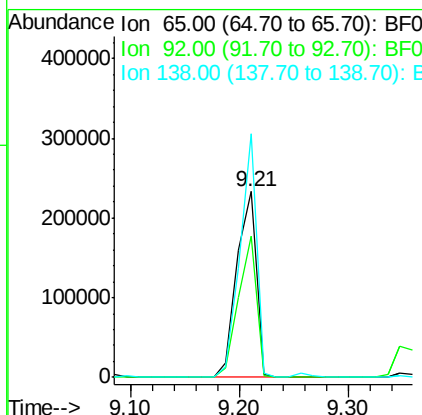
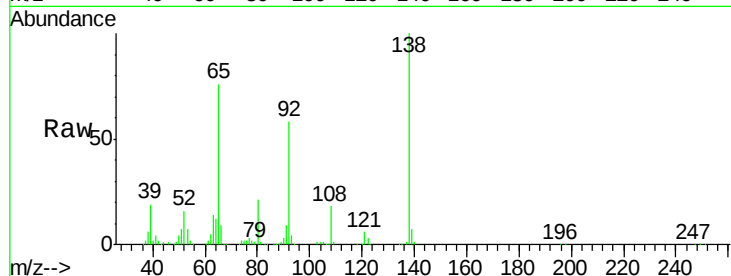




#47
2-Nitroaniline
Concen: 50.00 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

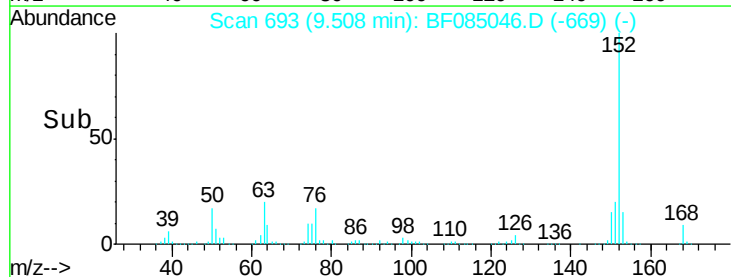
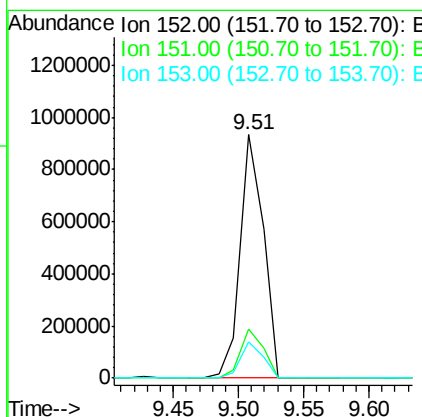
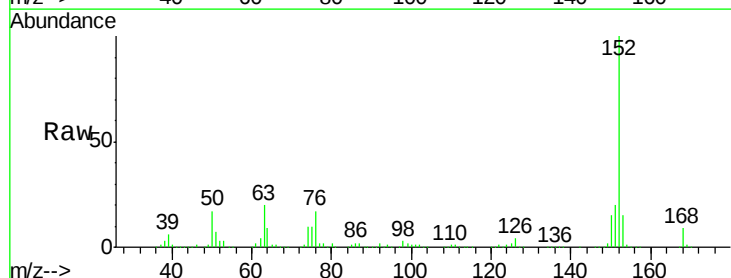
Instrument :
BNA_F
ClientSampleId :

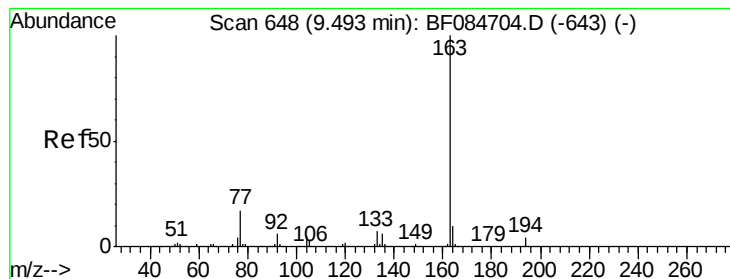
Tgt Ion: 65 Resp: 286457
Ion Ratio Lower Upper
65 100
92 75.7 53.4 80.2
138 131.0 71.1 106.7#



#48
Acenaphthylene
Concen: 42.06 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion: 152 Resp: 1154917
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.9 10.4 15.6





#49

Dimethylphthalate

Concen: 45.06 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF085046.D

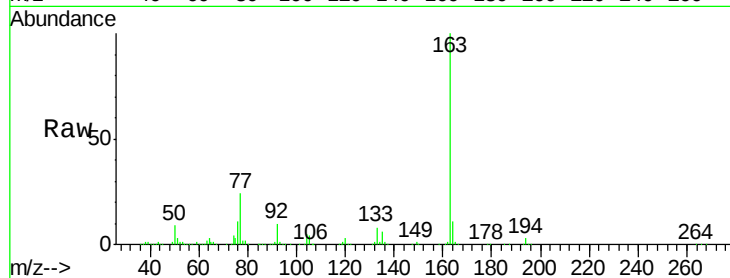
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

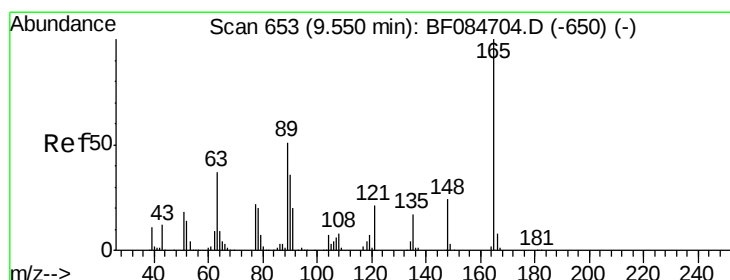
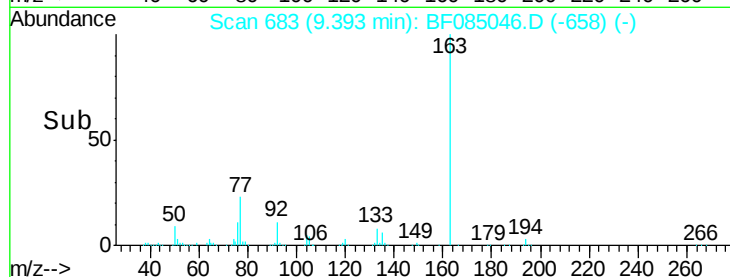
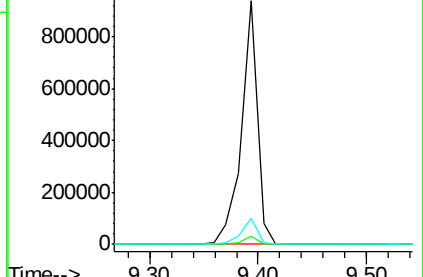
Tgt Ion:163	Resp:	944034
Ion Ratio	Lower	Upper
163	100	
194	3.2	8.0 12.0#
164	10.5	8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.11 ng

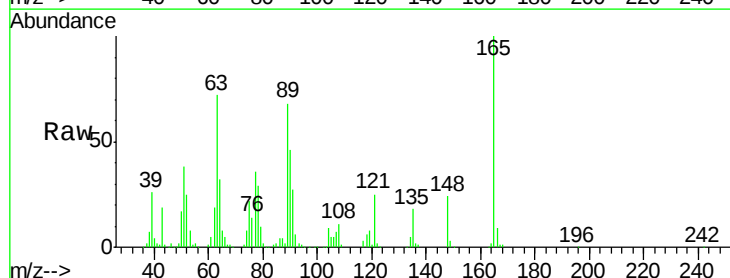
RT: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

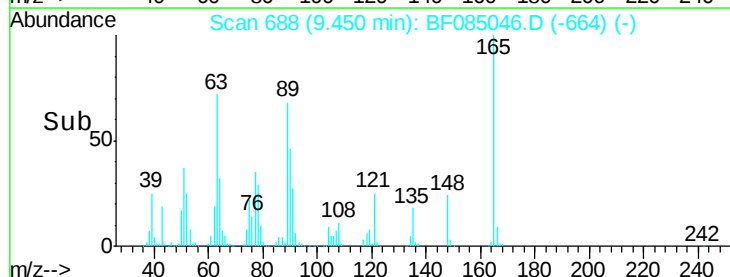
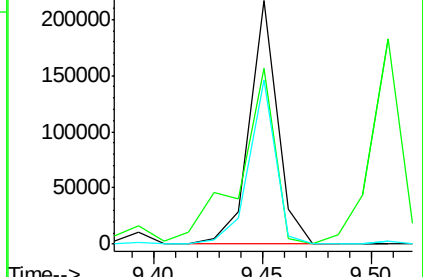
Tgt Ion:165	Resp:	192709
Ion Ratio	Lower	Upper
165	100	
63	72.1	28.8 43.2#
89	67.6	35.1 52.7#

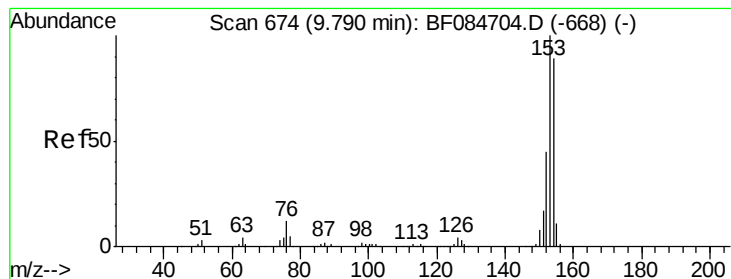


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.05 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

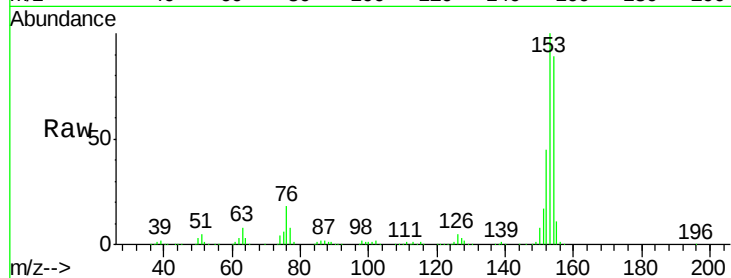
Tgt Ion:154 Resp: 733233

Ion Ratio Lower Upper

154 100

153 112.7 91.5 137.3

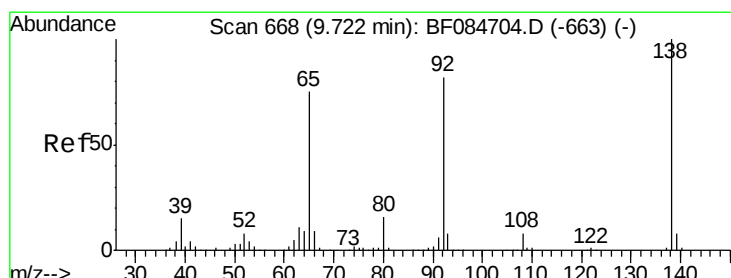
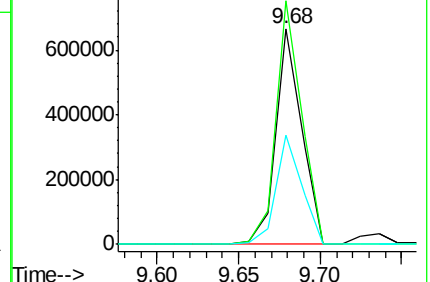
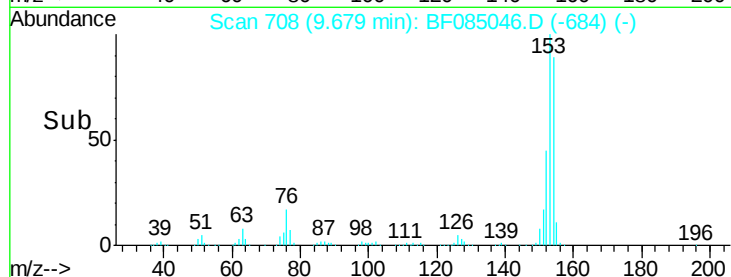
152 50.8 43.0 64.6



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: 19.58 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

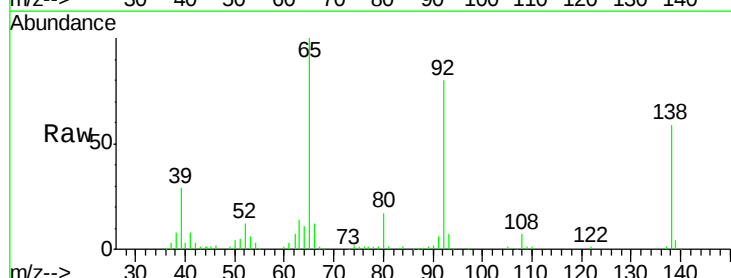
Tgt Ion:138 Resp: 100687

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

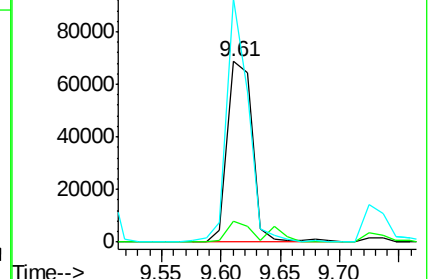
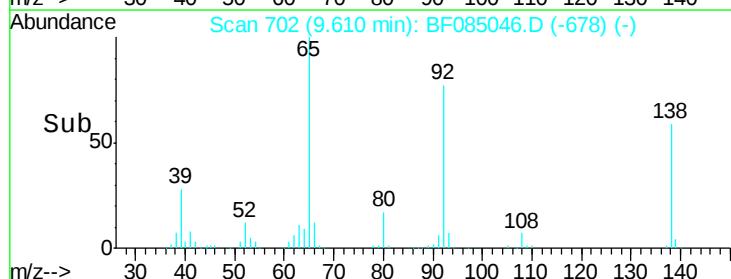
92 134.9 103.9 155.9

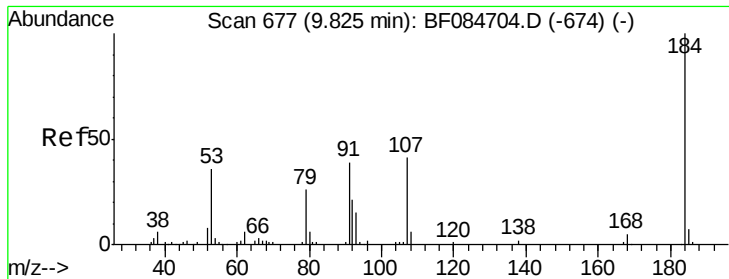


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

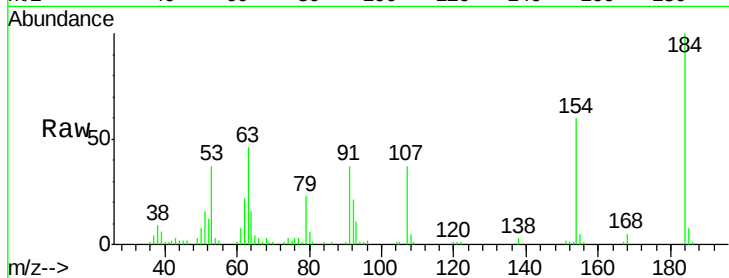




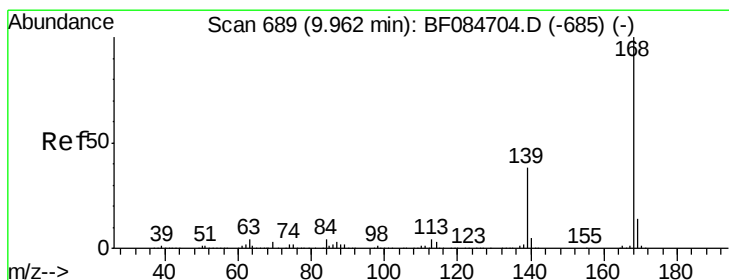
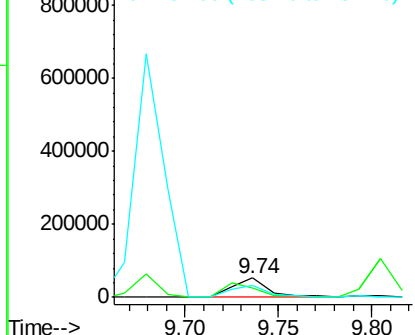
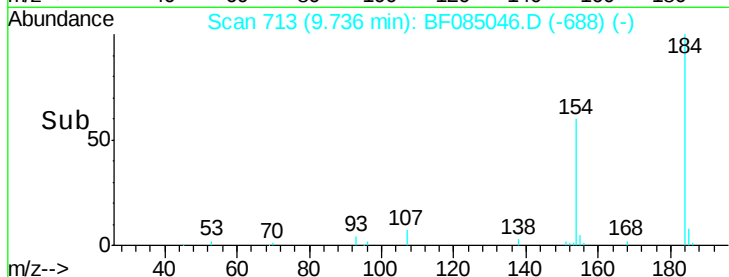
#53
 2,4-Dinitrophenol
 Concen: 37.39 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:184 Resp: 71937
 Ion Ratio Lower Upper
 184 100
 63 45.7 43.1 64.7
 154 60.0 60.5 90.7#

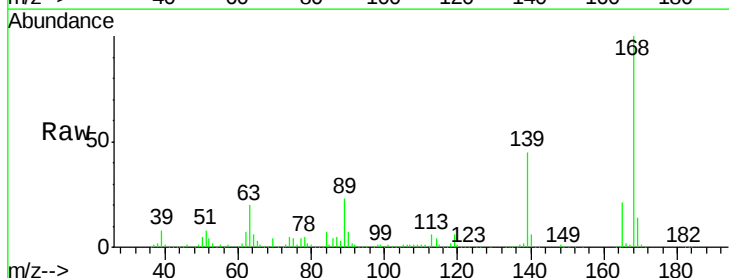


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

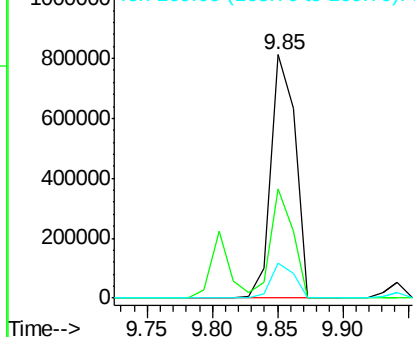
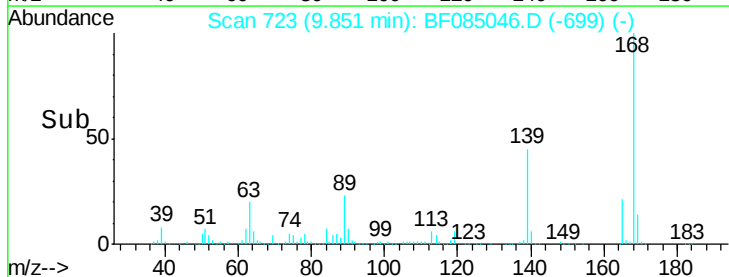


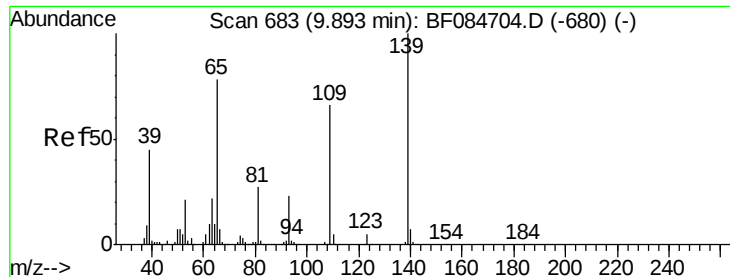
#54
 Dibenzofuran
 Concen: 49.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion:168 Resp: 1069662
 Ion Ratio Lower Upper
 168 100
 139 44.6 30.5 45.7
 169 14.4 10.4 15.6



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





#55

4-Nitrophenol

Concen: 59.21 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF085046.D

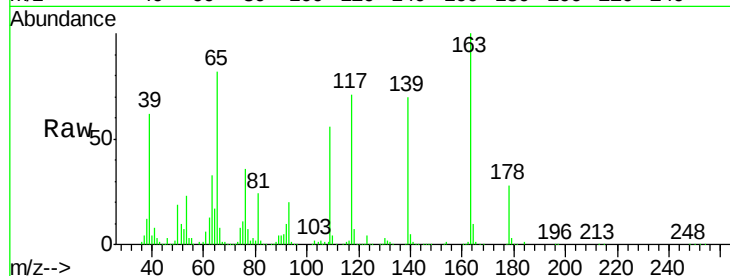
Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

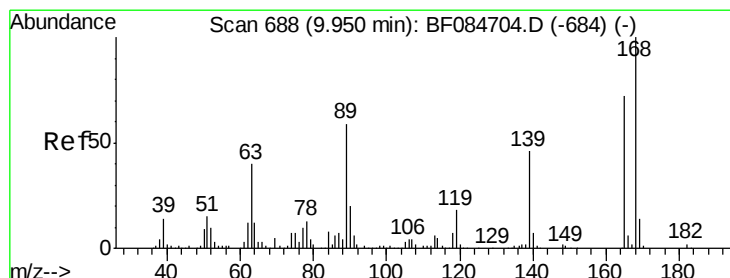
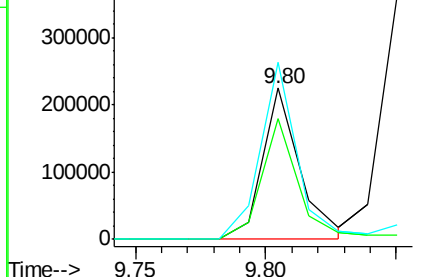
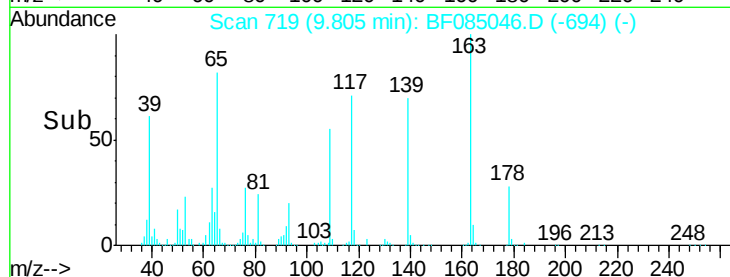
Tgt Ion:	139	Resp:	223796
Ion Ratio	Lower	Upper	
139	100		
109	79.6	58.5	98.5
65	117.2	57.6	97.6#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.07 ng

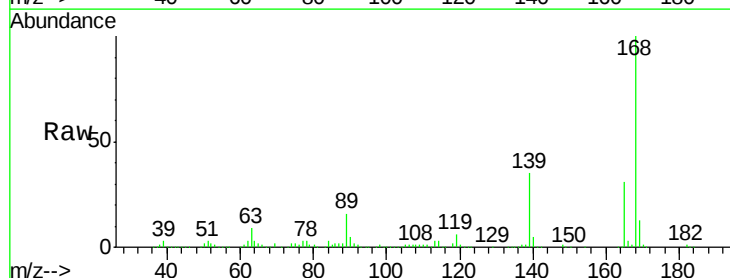
RT: 9.86 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:	165	Resp:	268920
Ion Ratio	Lower	Upper	
165	100		
63	30.0	36.7	55.1#
89	51.4	61.9	92.9#
182	2.4	2.0	3.0

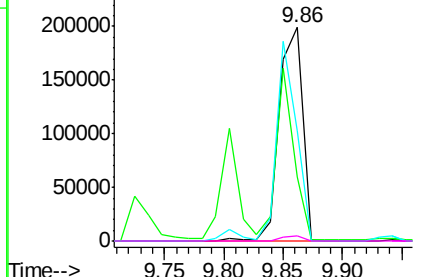
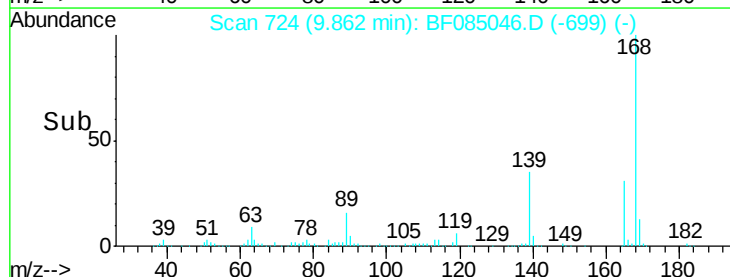


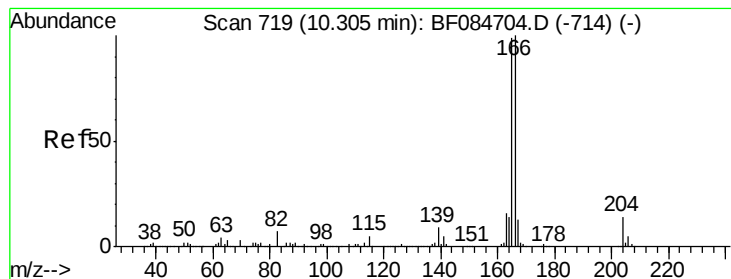
Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.56 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampled :

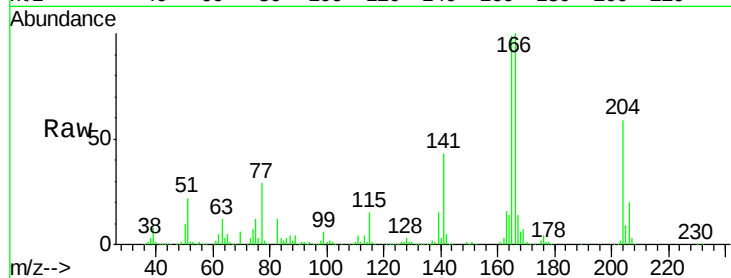
Tgt Ion:166 Resp: 775927

Ion Ratio Lower Upper

166 100

165 99.0 79.1 118.7

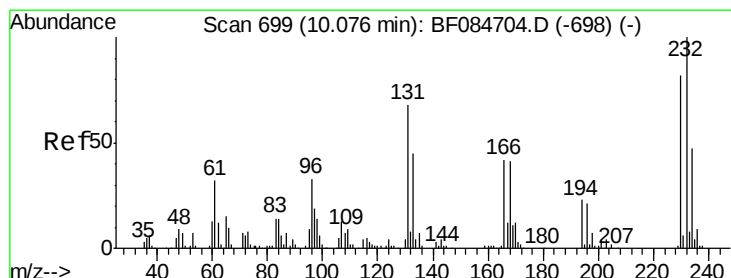
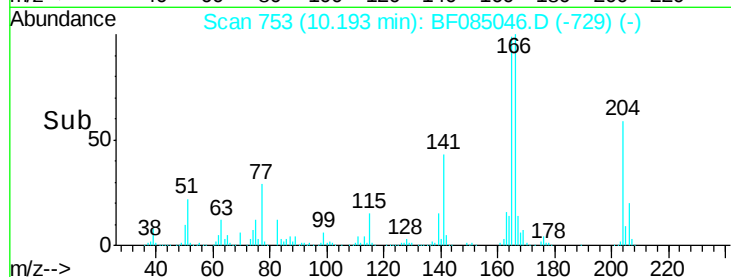
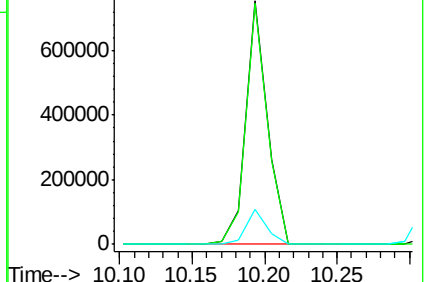
167 14.3 10.4 15.6



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: 48.29 ng

RT: 9.99 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Tgt Ion:232 Resp: 210208

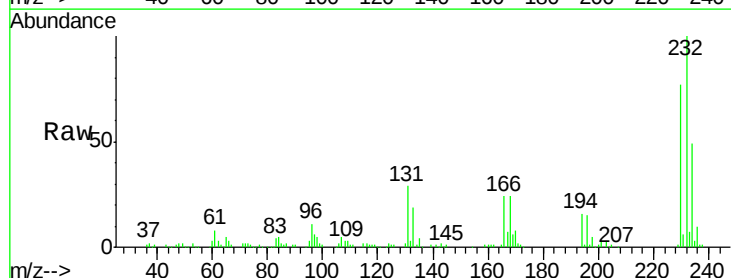
Ion Ratio Lower Upper

232 100

131 48.5 47.0 70.6

130 2.3 2.0 3.0

166 32.0 30.5 45.7

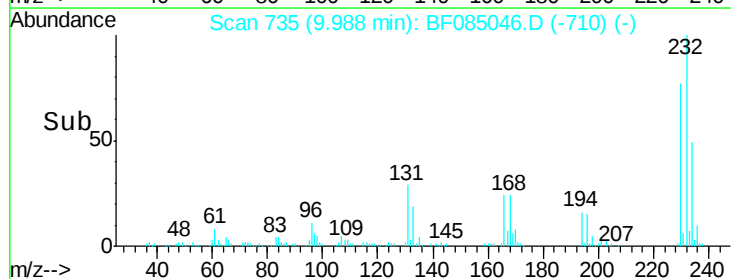
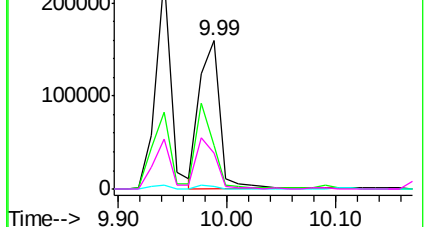


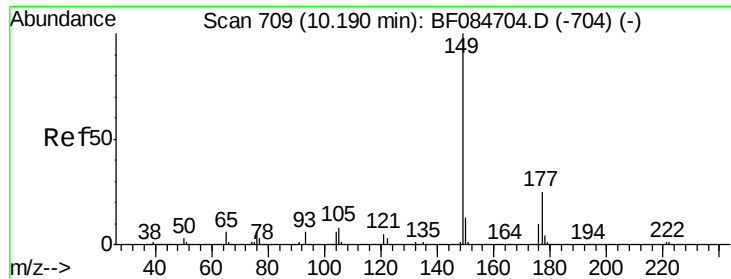
Abundance Ion 232.00 (231.70 to 232.70): E

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

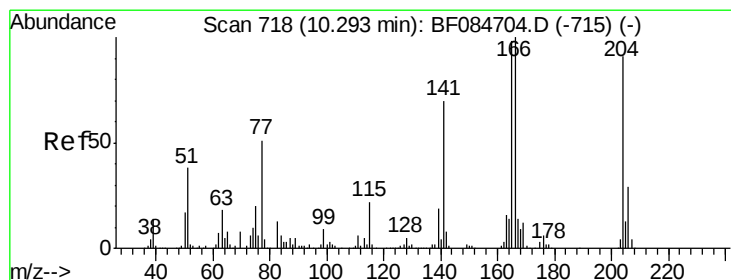
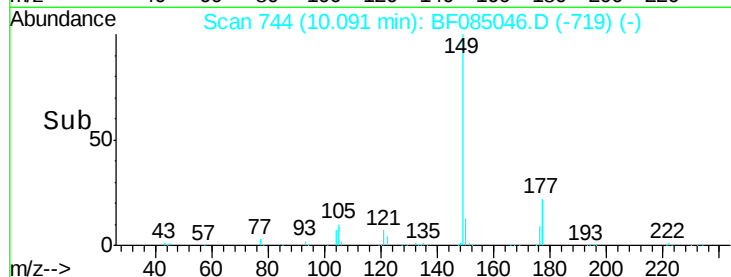
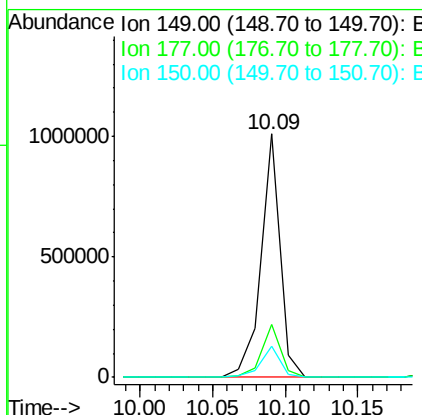
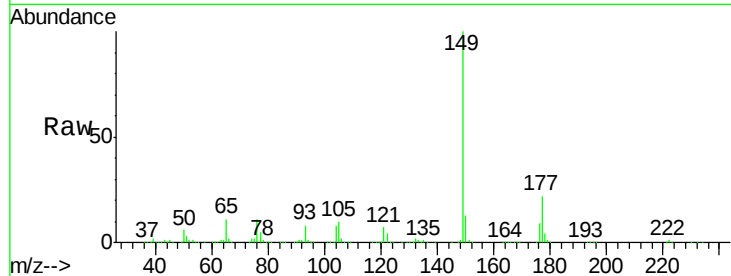




#59
Diethylphthalate
Concen: 45.12 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

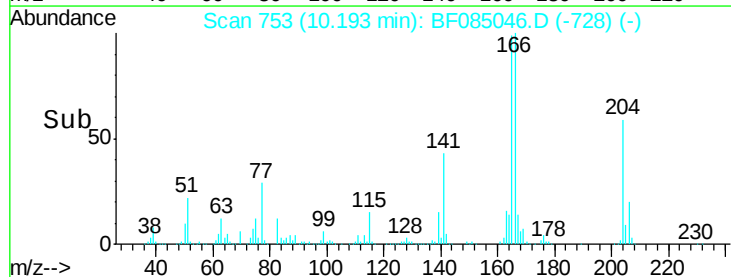
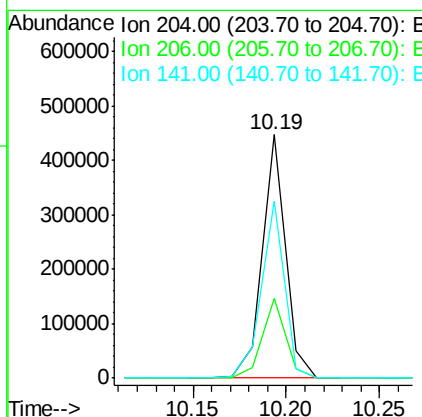
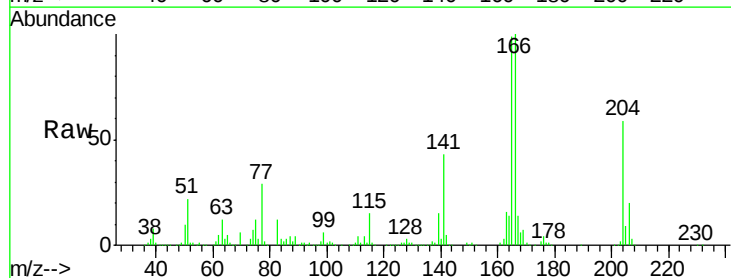
Instrument :
BNA_F
ClientSampled :

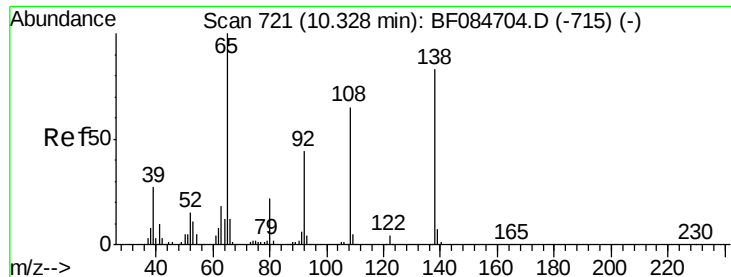
Tgt Ion:149 Resp: 923045
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.8 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 50.90 ng
RT: 10.19 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:204 Resp: 382569
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 72.8 55.1 82.7

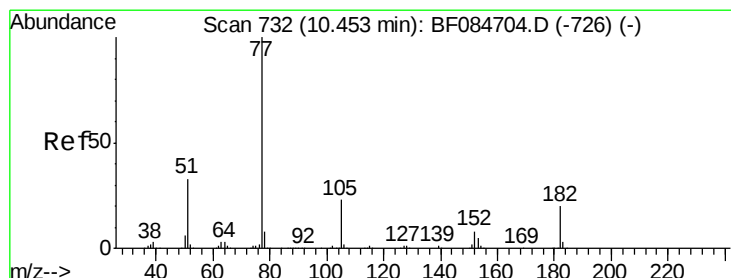
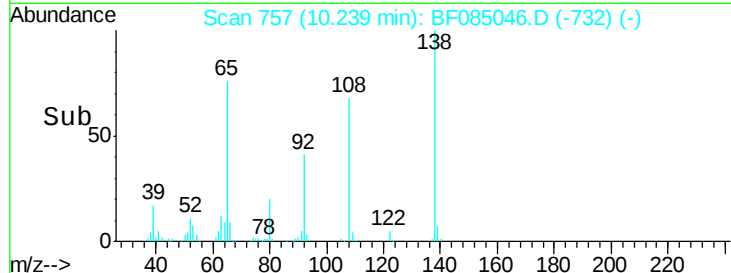
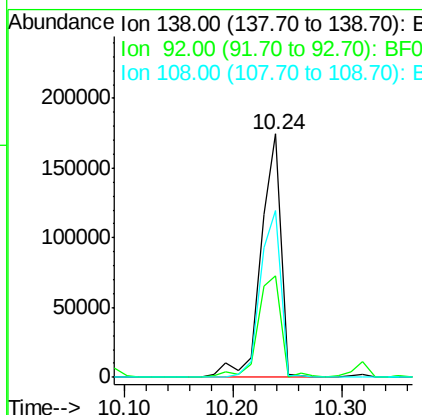
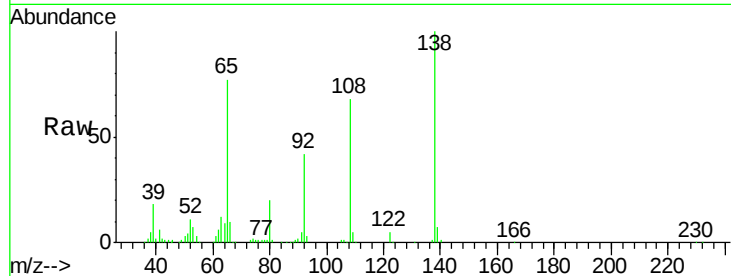




#61
 4-Nitroaniline
 Concen: 44.82 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

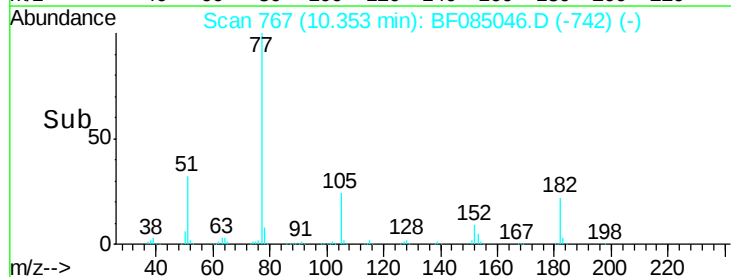
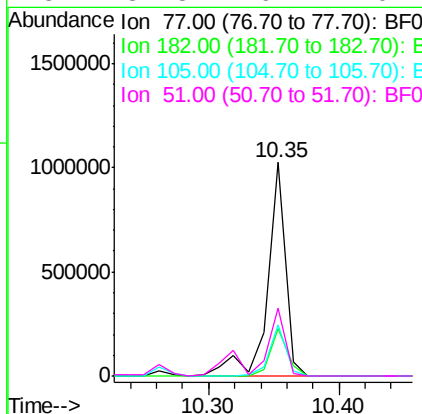
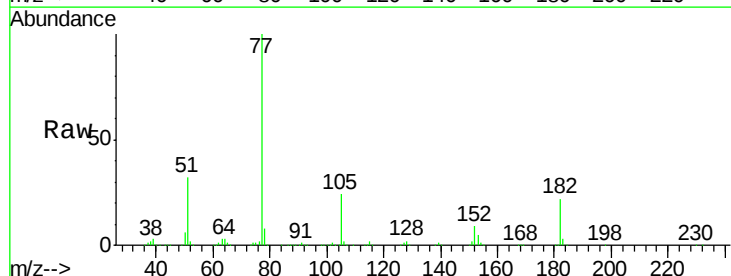
Instrument :
 BNA_F
 ClientSampleId :

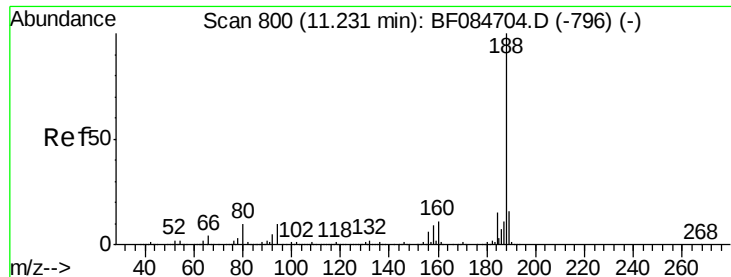
Tgt Ion: 138 Resp: 224631
 Ion Ratio Lower Upper
 138 100
 92 41.6 32.6 72.6
 108 68.5 68.6 108.6#



#62
 Azobenzene
 Concen: 51.25 ng
 RT: 10.35 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion: 77 Resp: 1008060
 Ion Ratio Lower Upper
 77 100
 182 22.0 8.3 48.3
 105 24.2 4.6 44.6
 51 31.8 6.2 46.2

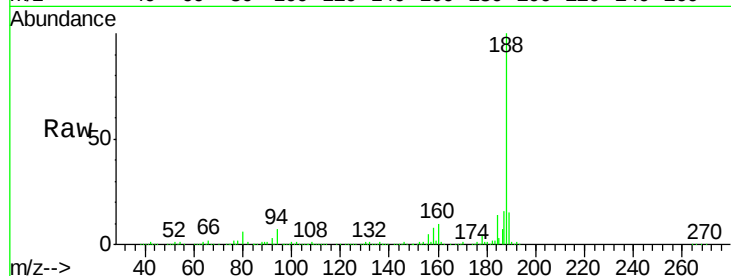




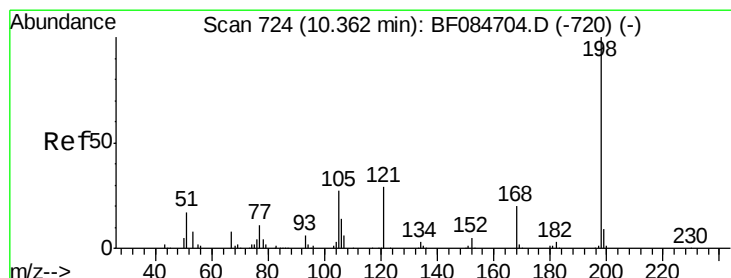
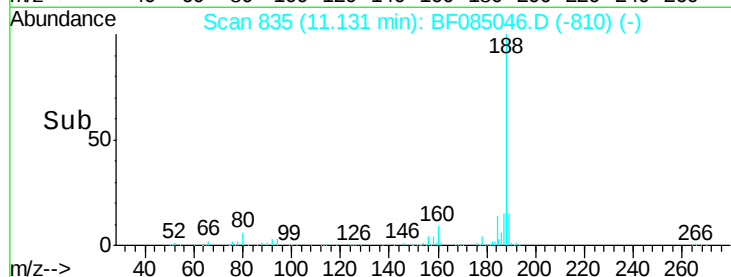
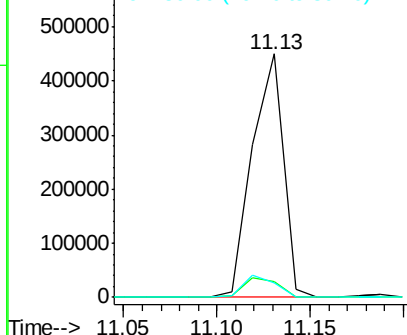
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 519345
Ion Ratio Lower Upper
188 100
94 6.6 9.0 13.4#
80 6.1 9.6 14.4#

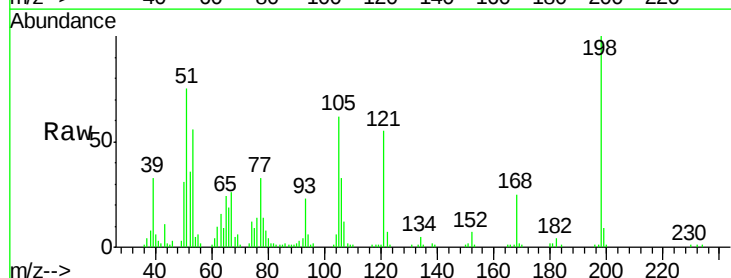


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

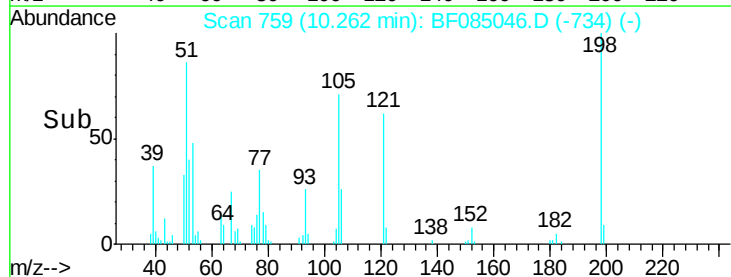
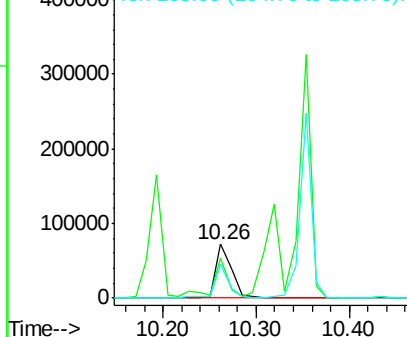


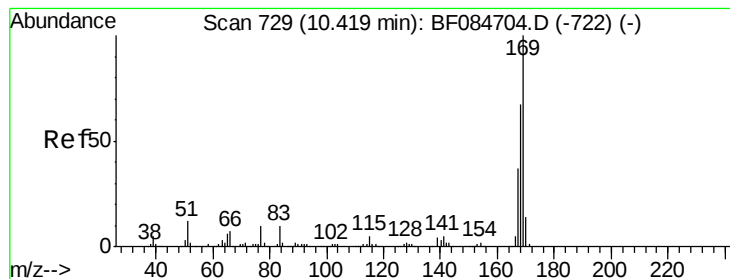
#64
4,6-Dinitro-2-methylphenol
Concen: 26.29 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:198 Resp: 84260
Ion Ratio Lower Upper
198 100
51 75.3 18.9 58.9#
105 61.8 26.4 66.4



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: 47.91 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

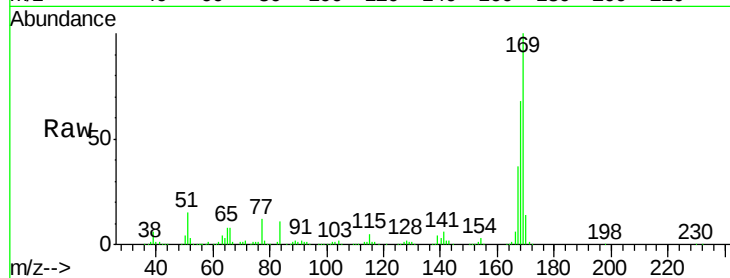
Tgt Ion:169 Resp: 790013

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

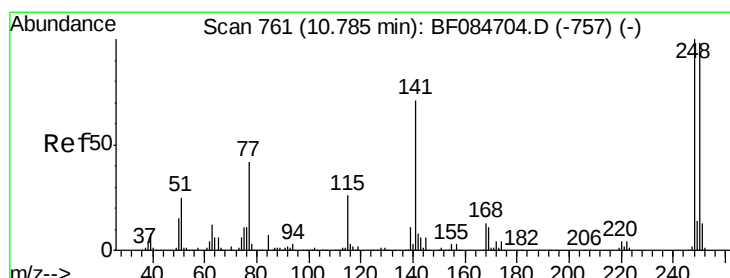
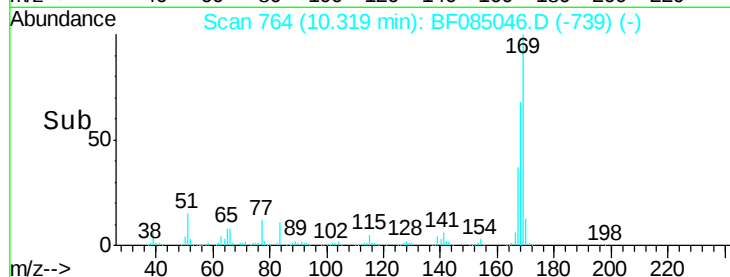
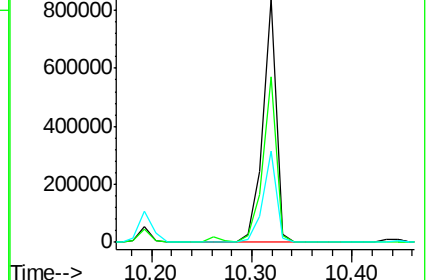
167 37.3 30.0 45.0



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: 47.70 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

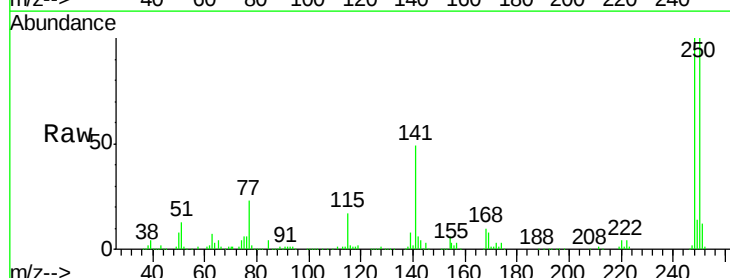
Tgt Ion:248 Resp: 273627

Ion Ratio Lower Upper

248 100

250 99.9 78.4 117.6

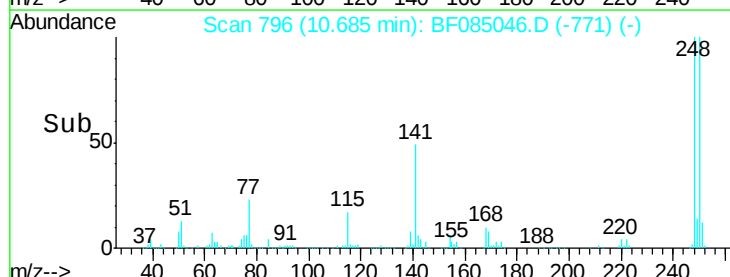
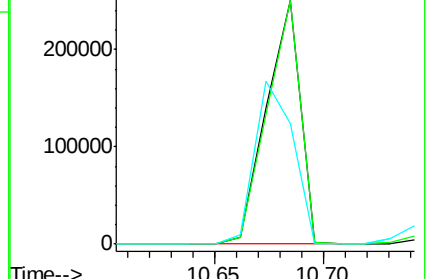
141 49.5 44.0 66.0

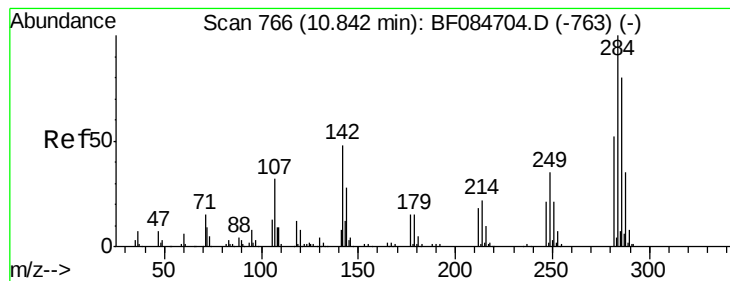


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.36 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

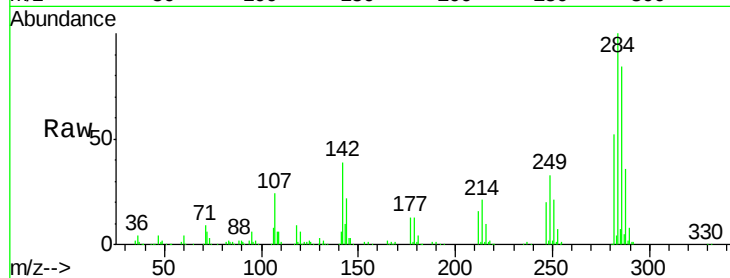
Tgt Ion:284 Resp: 271029

Ion Ratio Lower Upper

284 100

142 38.8 22.2 33.4#

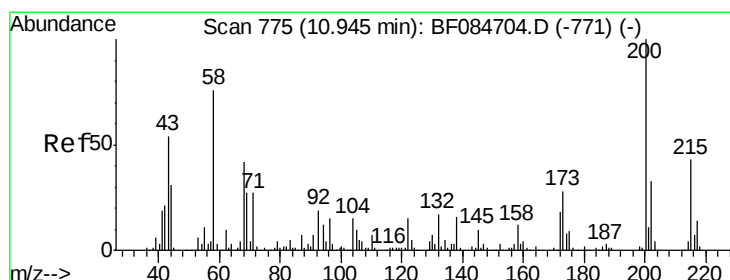
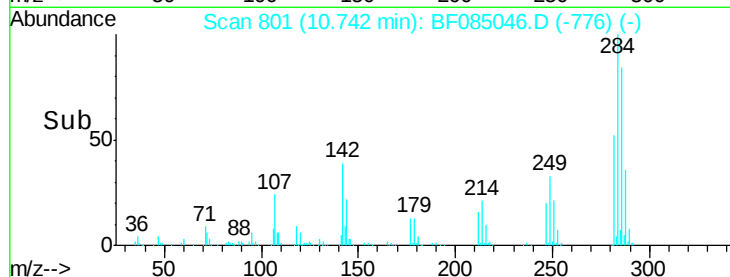
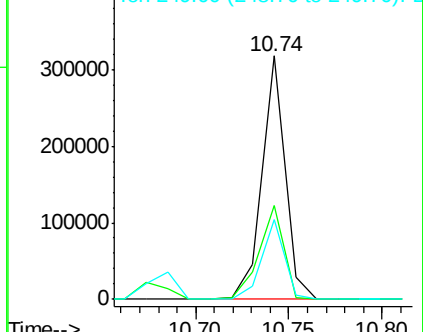
249 32.9 24.6 37.0



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: 54.60 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

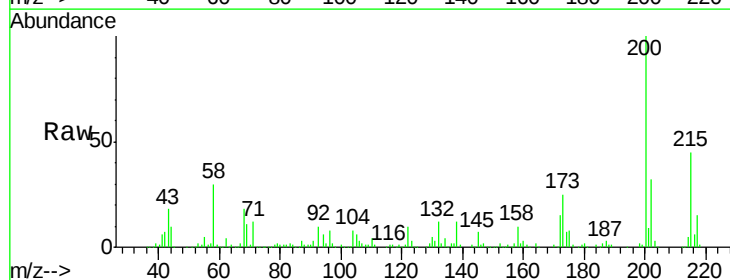
Tgt Ion:200 Resp: 284320

Ion Ratio Lower Upper

200 100

173 25.1 9.5 49.5

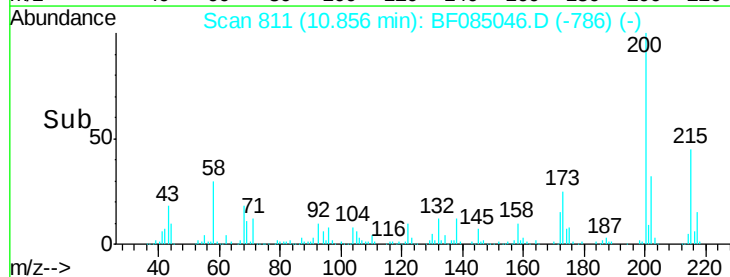
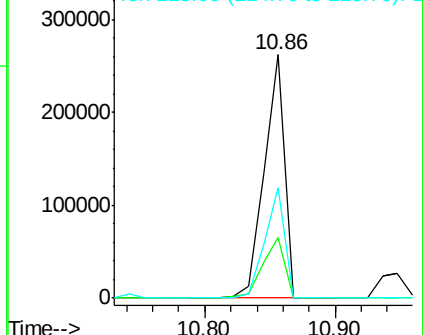
215 45.1 23.8 63.8

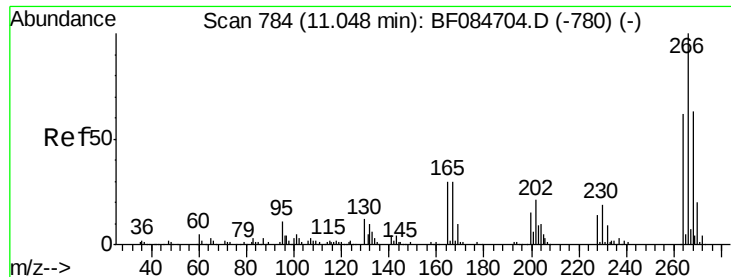


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

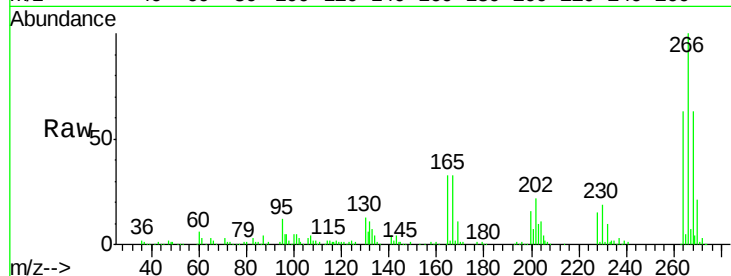




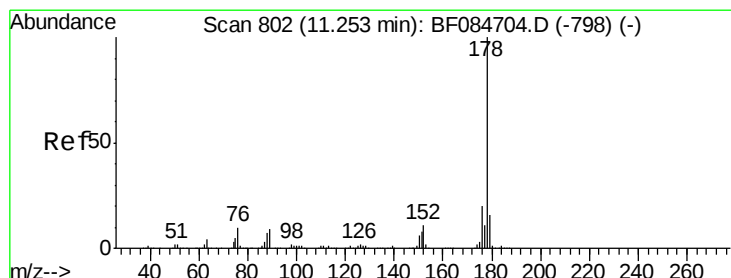
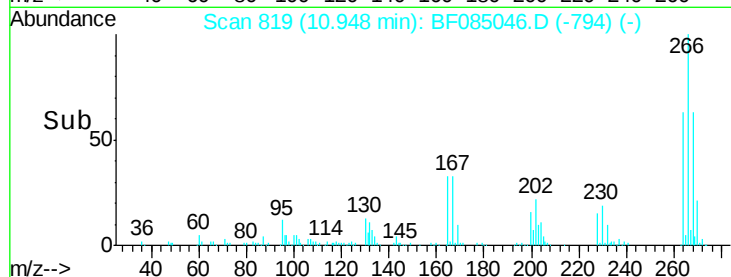
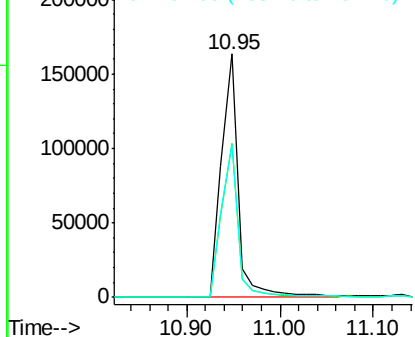
#69
 Pentachlorophenol
 Concen: 69.57 ng
 RT: 10.95 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:266 Resp: 204360
 Ion Ratio Lower Upper
 266 100
 268 63.4 52.4 78.6
 264 62.7 50.2 75.2

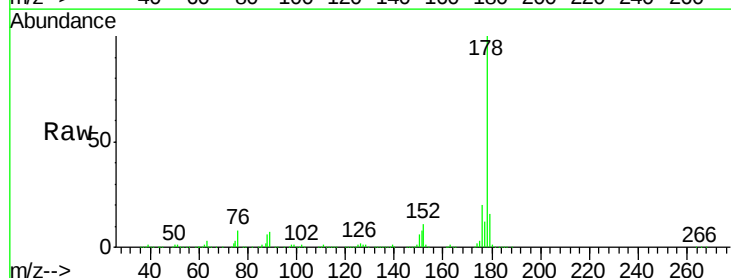


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

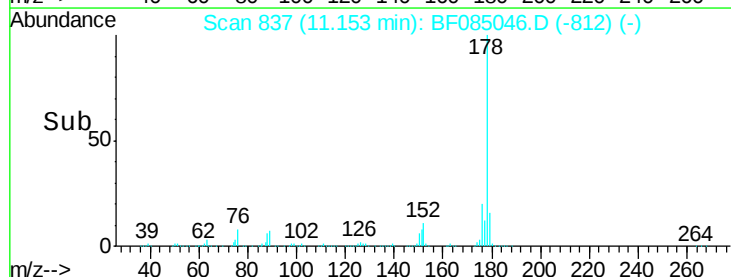
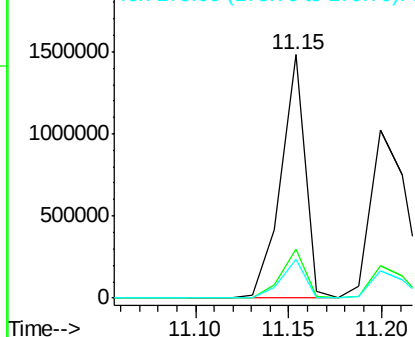


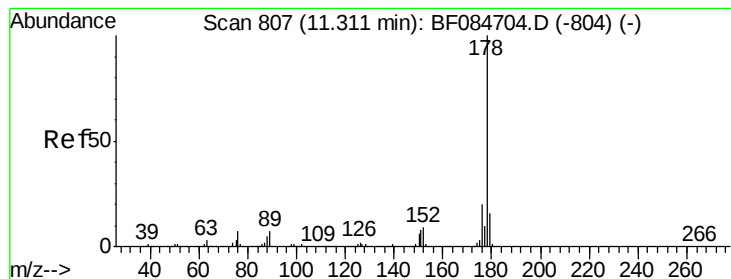
#70
 Phenanthrene
 Concen: 46.75 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion:178 Resp: 1346565
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.0 12.0 18.0



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





#71

Anthracene

Concen: 43.94 ng

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

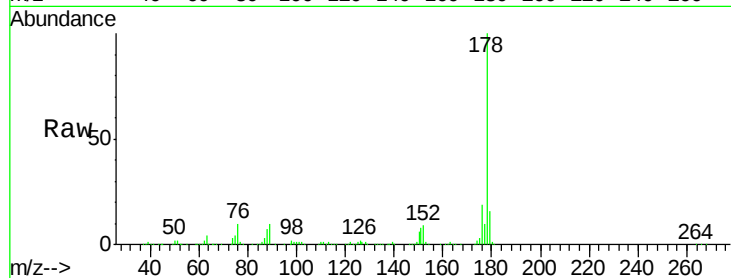
Tgt Ion:178 Resp: 1275472

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

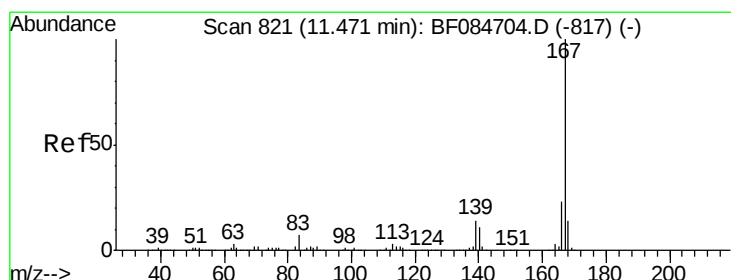
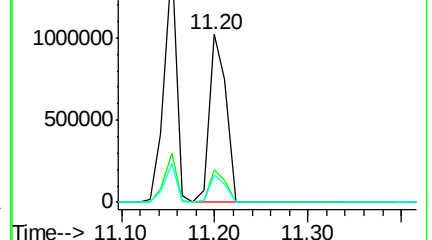
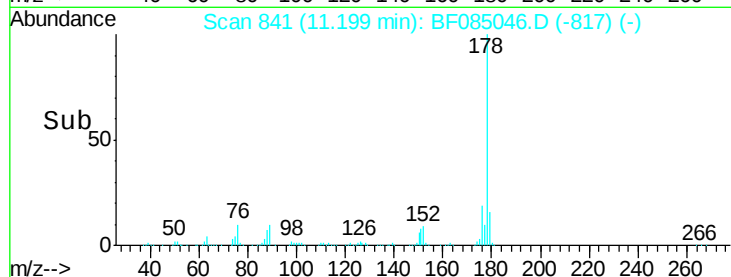
179 16.3 12.5 18.7



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: 46.89 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

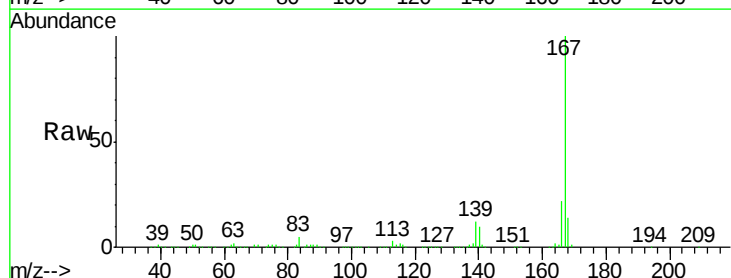
Tgt Ion:167 Resp: 1186703

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

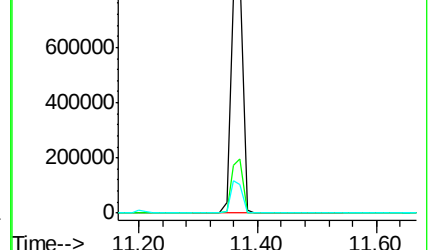
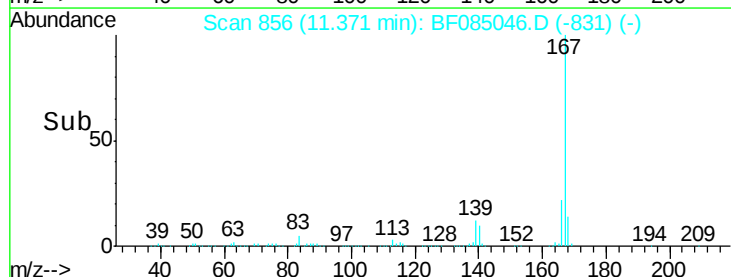
139 11.8 11.8 17.8#

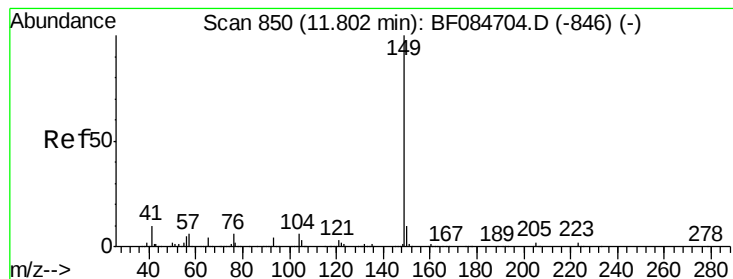


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.95 ng

RT: 11.70 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

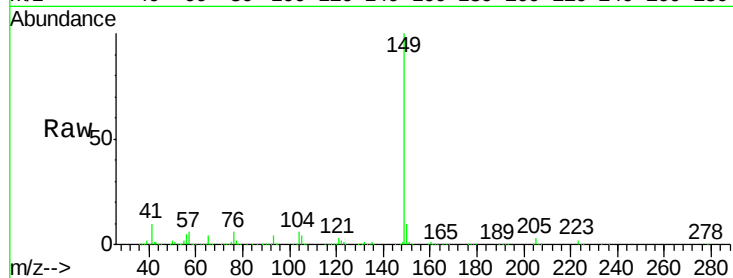
Tgt Ion:149 Resp: 1319558

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

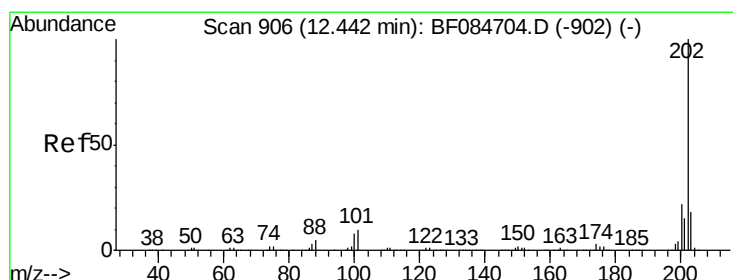
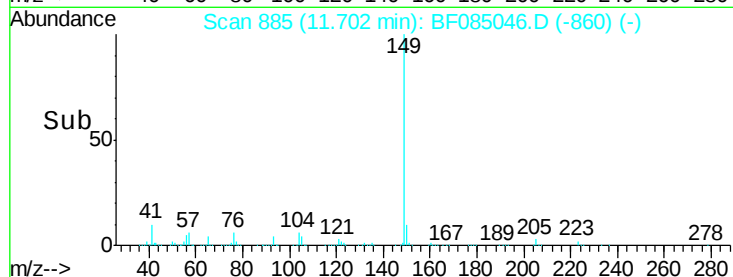
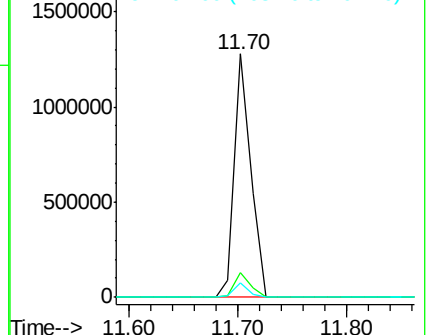
104 5.7 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.41 ng

RT: 12.33 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

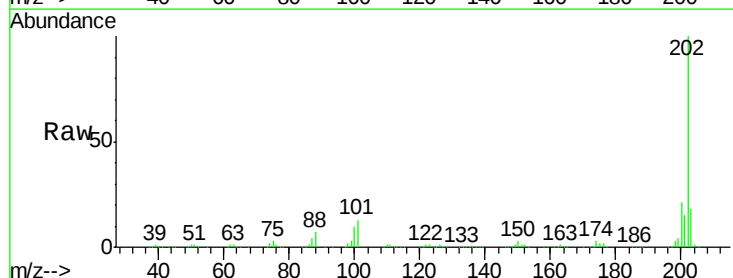
Tgt Ion:202 Resp: 1149037

Ion Ratio Lower Upper

202 100

101 12.8 0.0 32.8

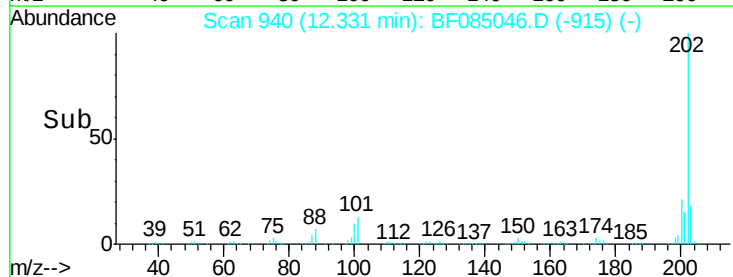
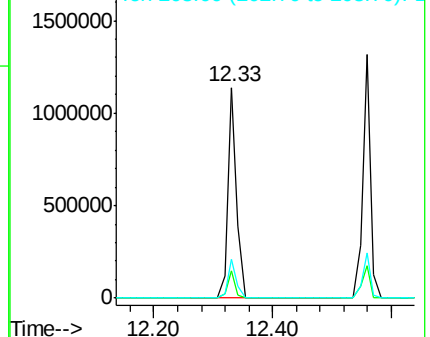
203 18.4 0.0 37.9

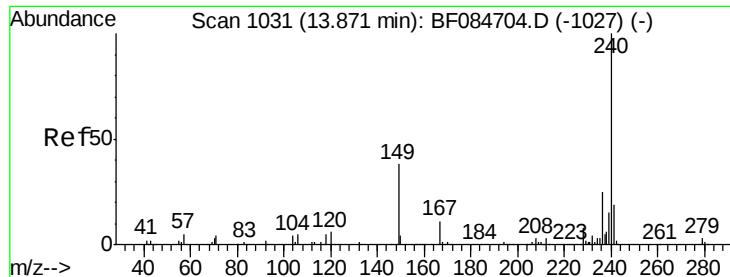


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

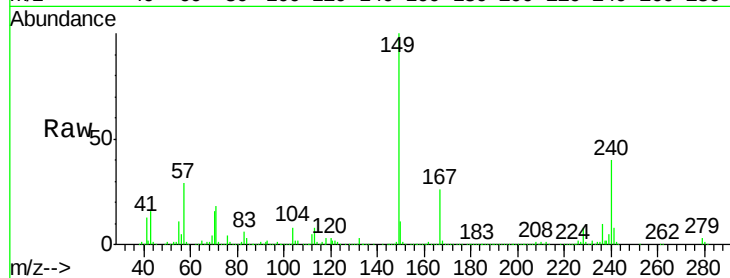
Tgt Ion:240 Resp: 310323

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

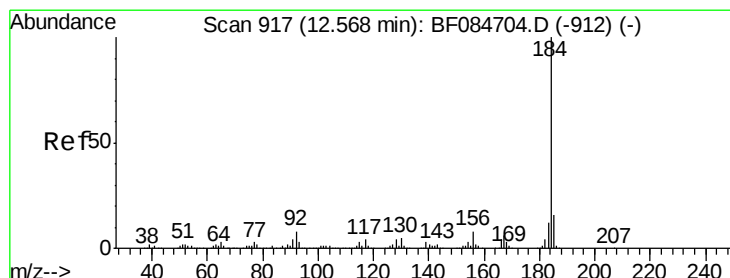
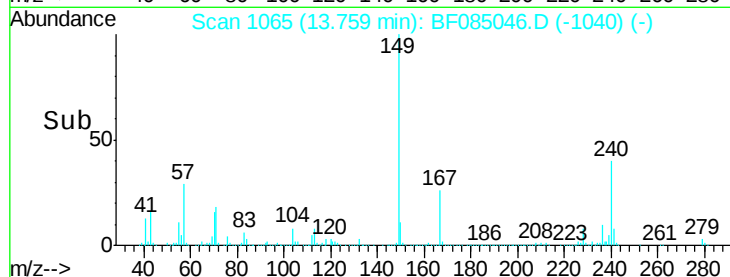
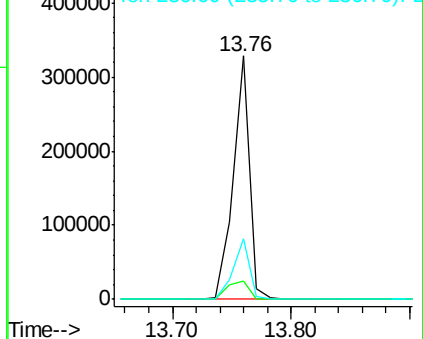
236 25.1 20.6 31.0



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: 12.38 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

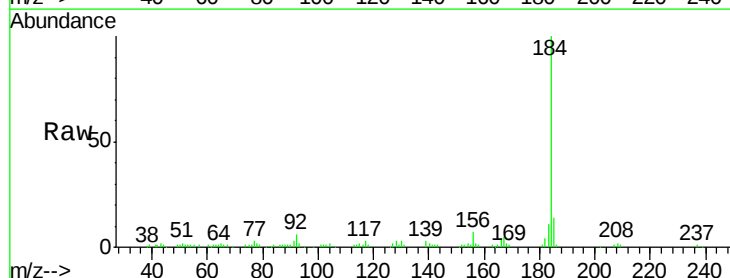
Tgt Ion:184 Resp: 87934

Ion Ratio Lower Upper

184 100

185 13.7 12.2 18.2

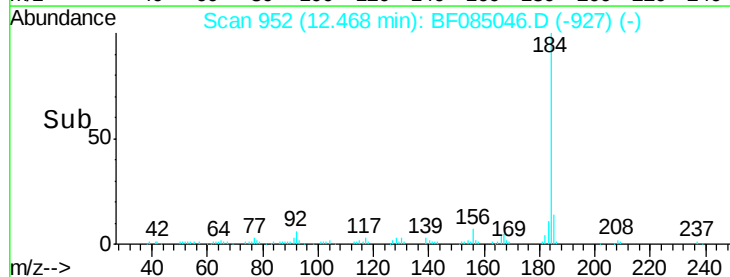
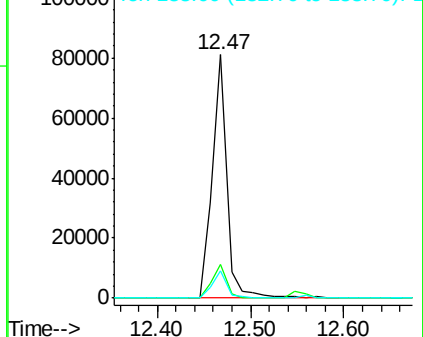
183 11.4 9.8 14.8

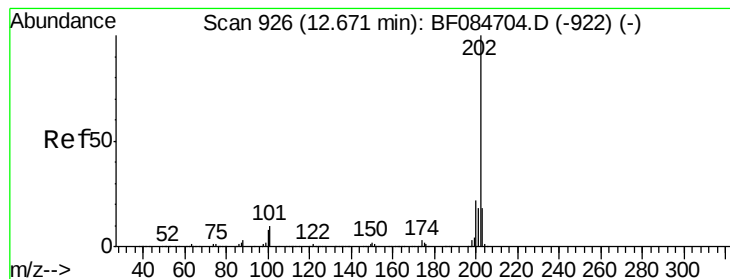


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.37 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

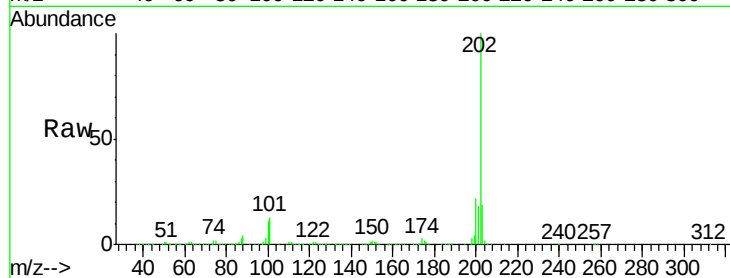
Tgt Ion:202 Resp: 1196759

Ion Ratio Lower Upper

202 100

200 22.4 17.2 25.8

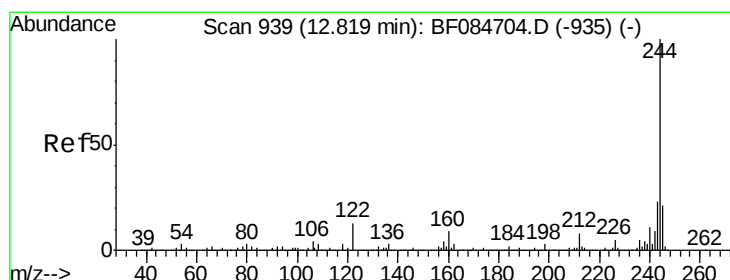
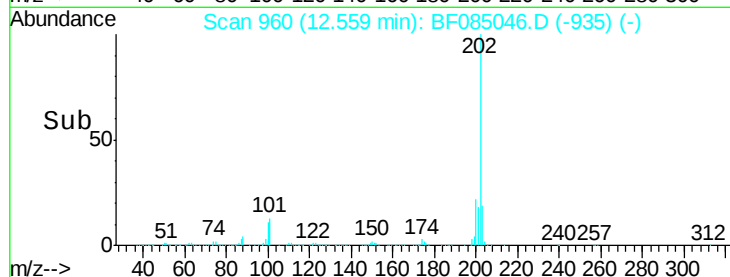
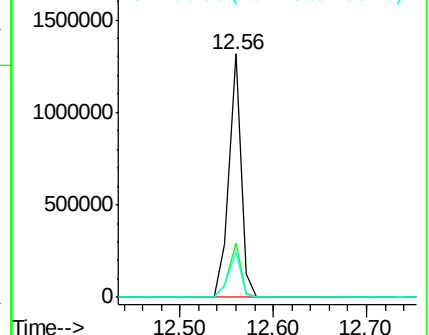
203 18.5 14.3 21.5



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: 119.67 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

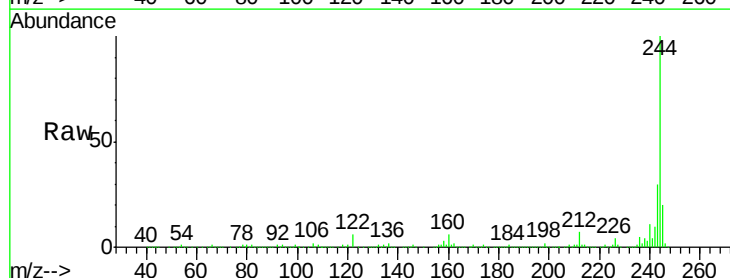
Tgt Ion:244 Resp: 1638838

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

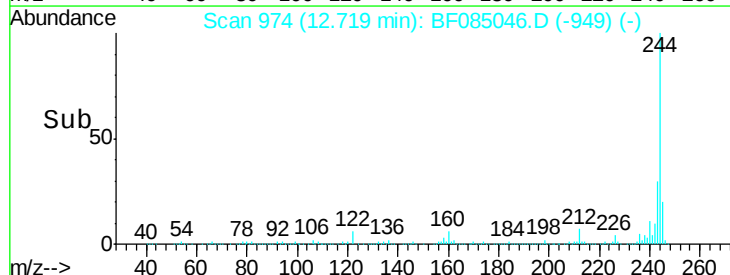
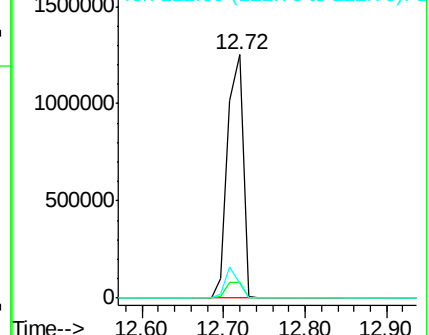
122 6.1 7.4 11.0#



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

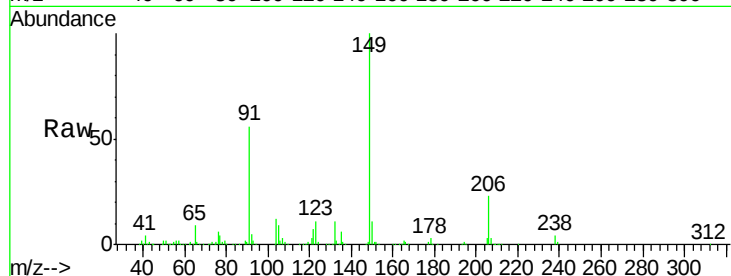




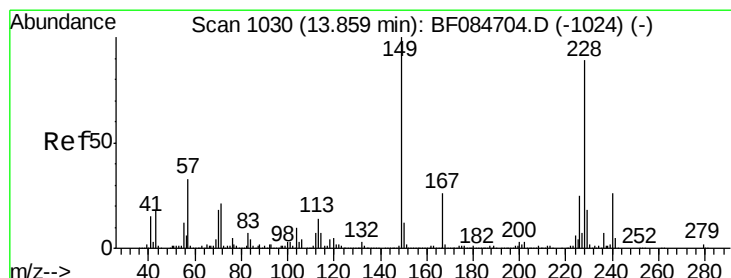
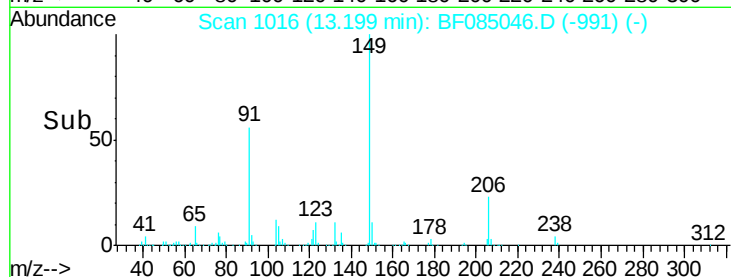
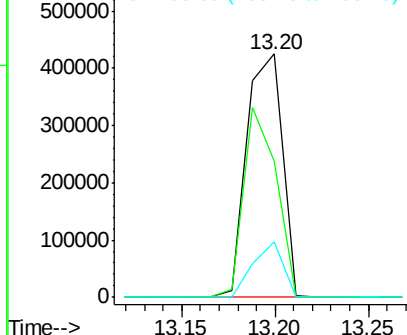
#79
Butylbenzylphthalate
Concen: 52.15 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampled :

Tgt Ion:149 Resp: 562113
Ion Ratio Lower Upper
149 100
91 55.6 57.6 86.4#
206 22.8 13.2 19.8#

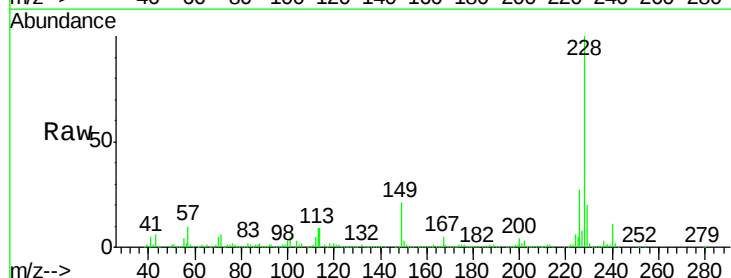


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

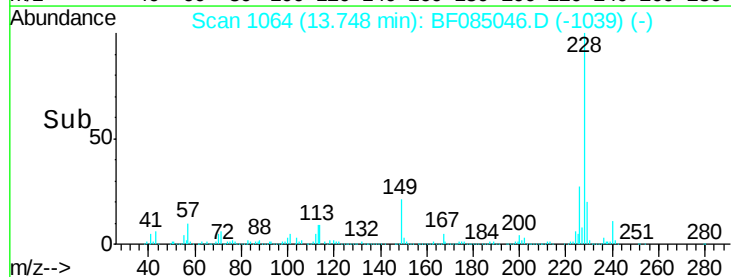
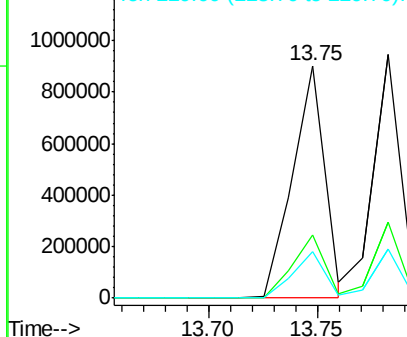


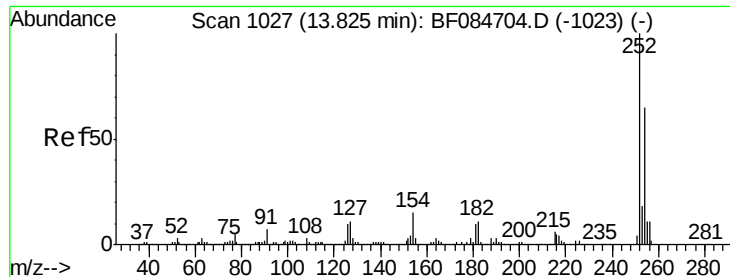
#80
Benzo(a)anthracene
Concen: 48.57 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:228 Resp: 935450
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 20.2 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

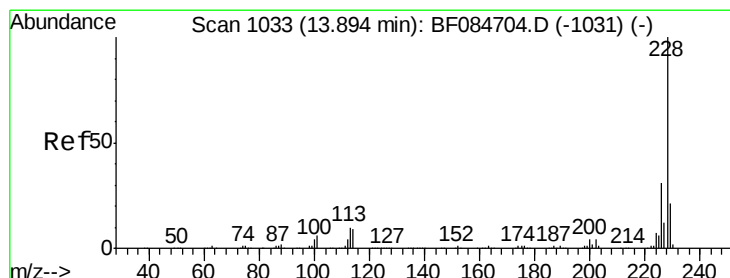
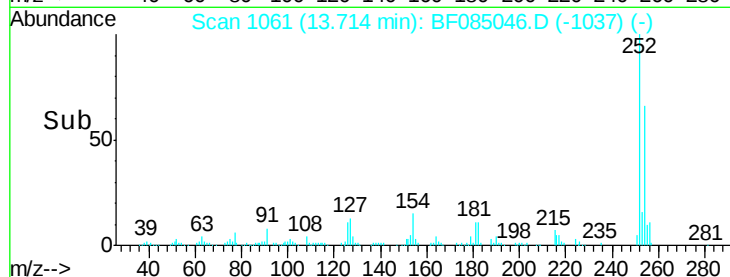
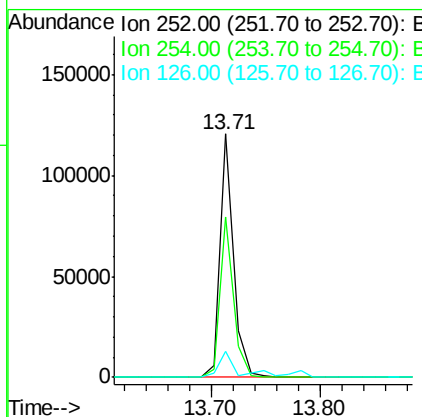
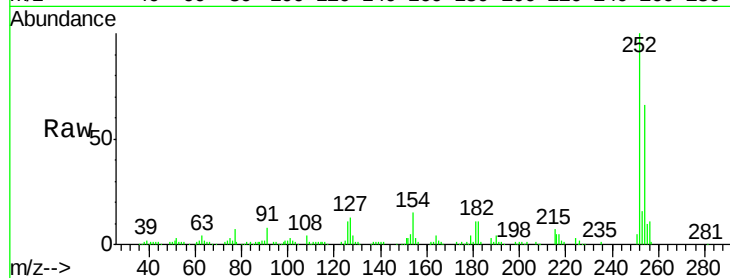




#81
 3,3'-Dichlorobenzidine
 Concen: 15.45 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

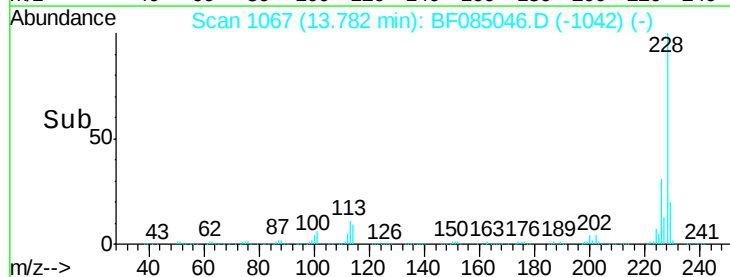
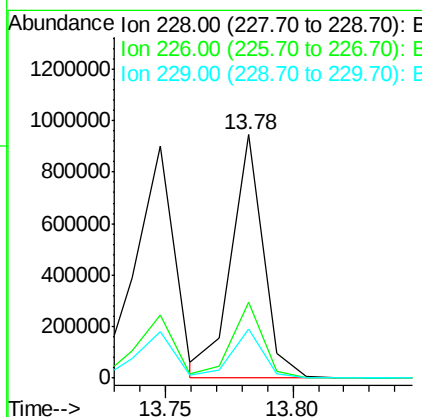
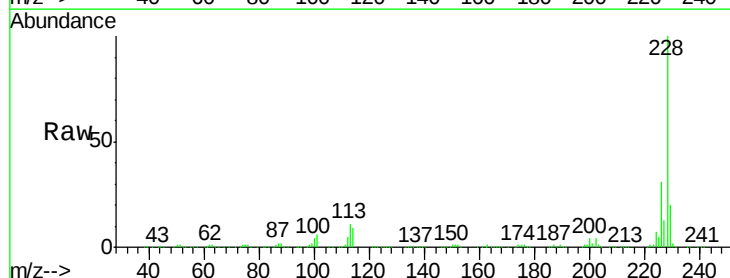
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 252 Resp: 105332
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.5 80.3
 126 10.9 4.9 7.3#



#82
 Chrysene
 Concen: 44.35 ng m
 RT: 13.78 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion: 228 Resp: 828263
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.2 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.49 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

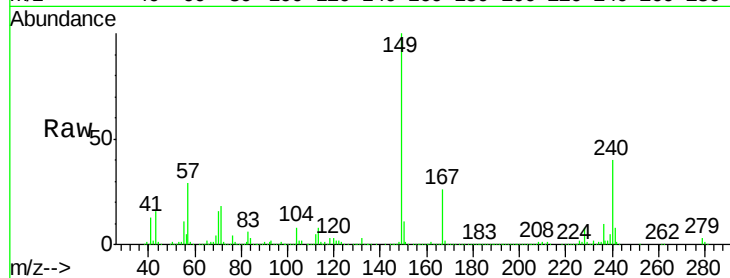
Tgt Ion:149 Resp: 730867

Ion Ratio Lower Upper

149 100

167 26.1 19.7 29.5

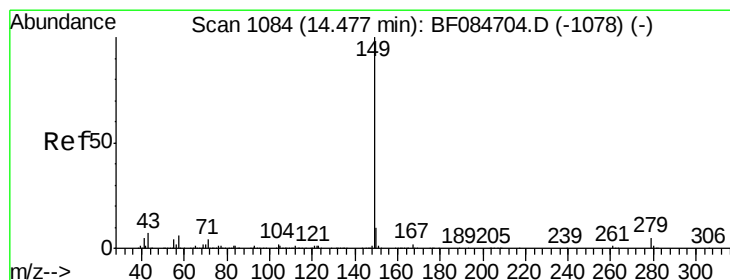
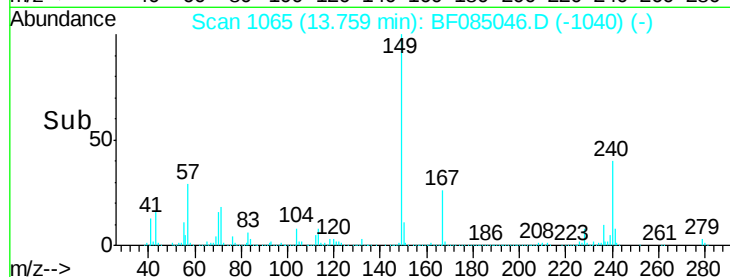
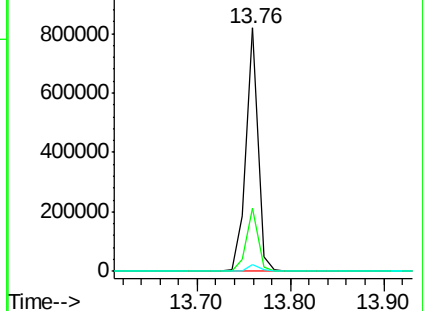
279 2.9 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.19 ng

RT: 14.37 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

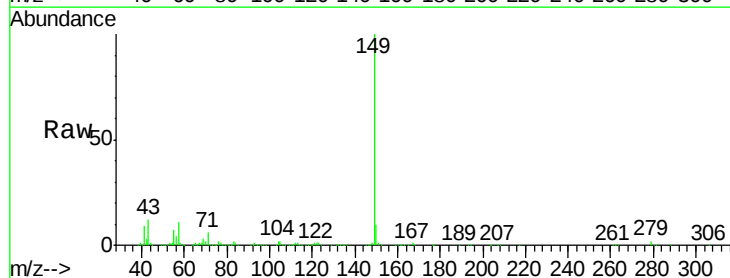
Tgt Ion:149 Resp: 1088559

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

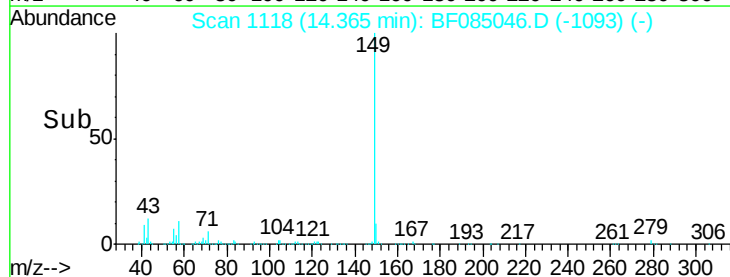
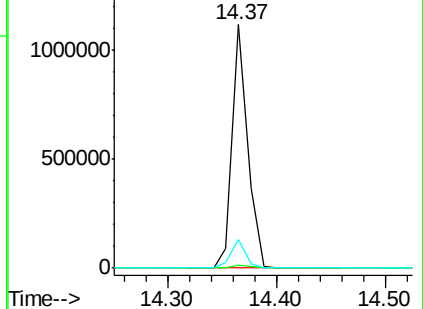
43 11.0 5.6 8.4#

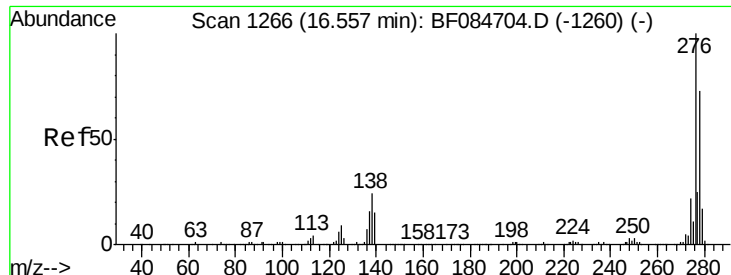


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

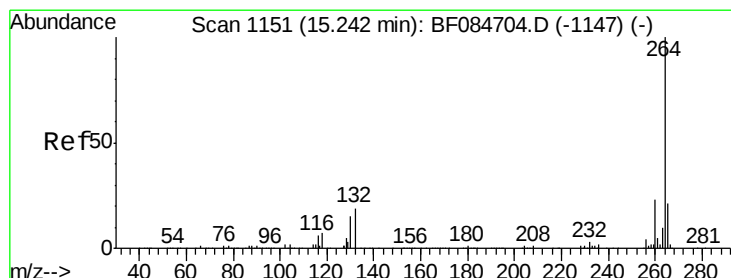
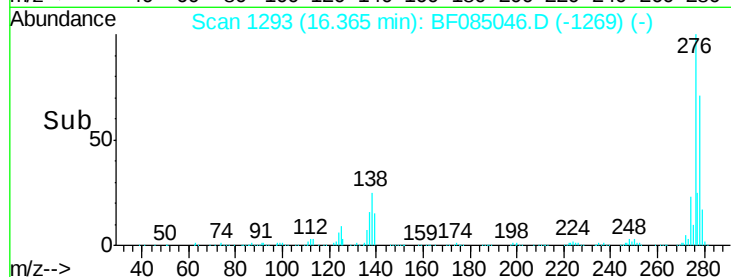
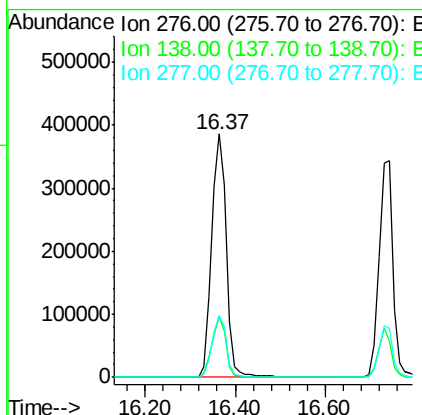
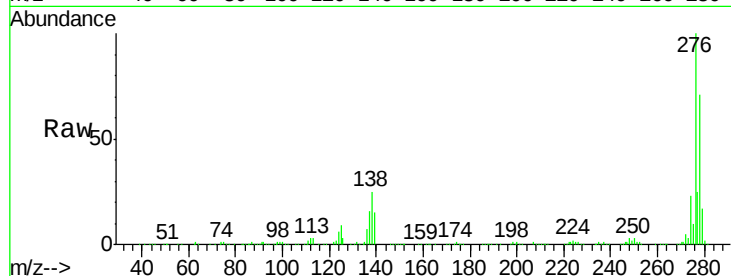




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.95 ng
 RT: 16.37 min Scan# 1293
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

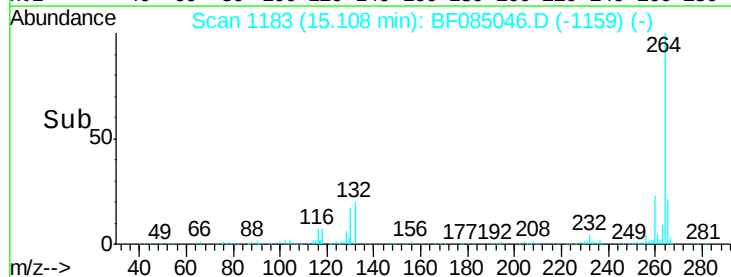
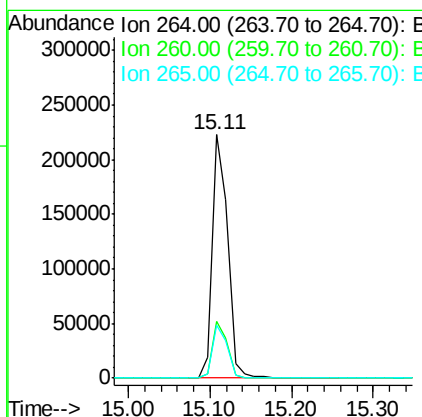
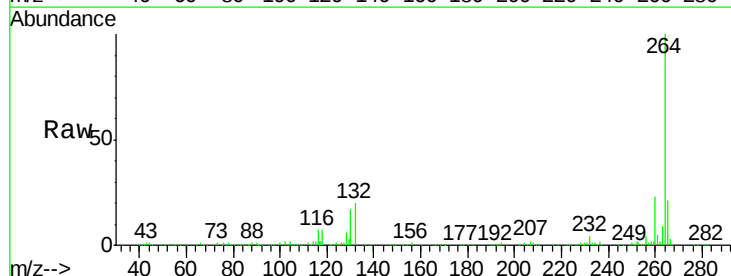
Instrument :
 BNA_F
 ClientSampled :

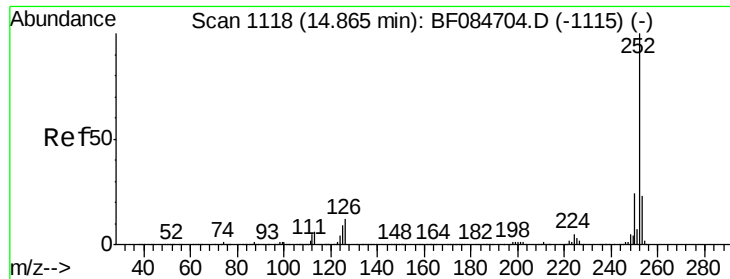
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	30.8
277	24.8	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF085046.D
 Acq: 12 Feb 2016 7:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.5	17.8	26.6

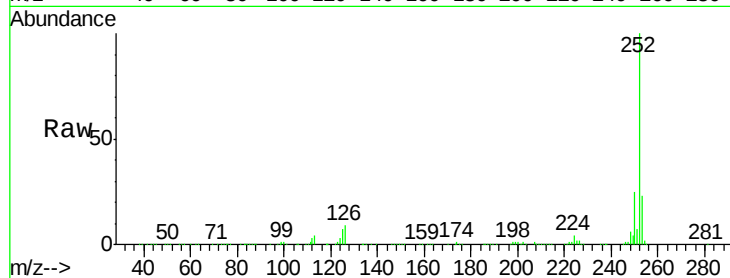




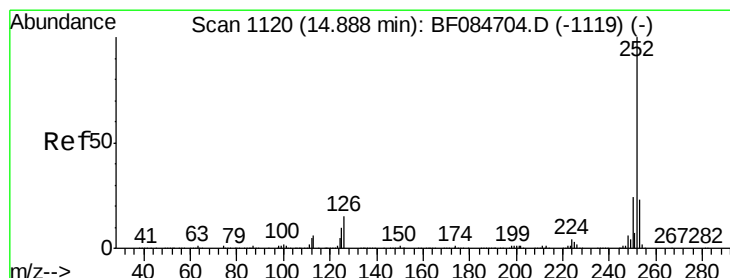
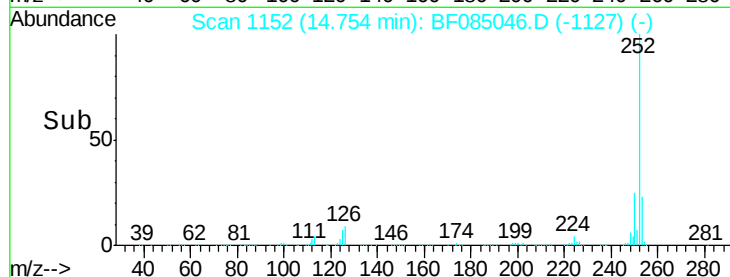
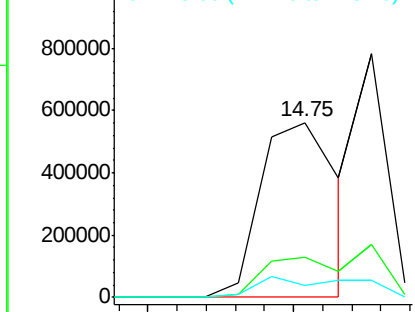
#87
Benzo(b)fluoranthene
Concen: 52.41 ng m
RT: 14.75 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1033776
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 6.7 6.5 9.7

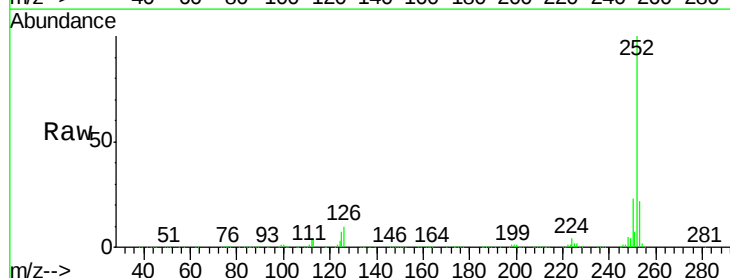


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

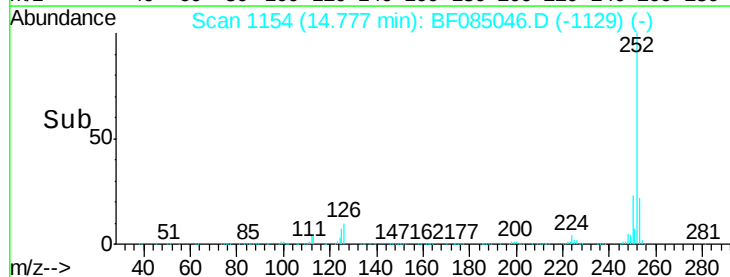
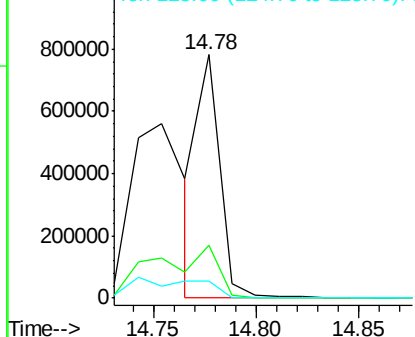


#88
Benzo(k)fluoranthene
Concen: 36.04 ng m
RT: 14.78 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF085046.D
Acq: 12 Feb 2016 7:26

Tgt Ion:252 Resp: 587821
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 6.7 9.0 13.6#



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





#89

Benzo(a)pyrene

Concen: 46.13 ng

RT: 15.06 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

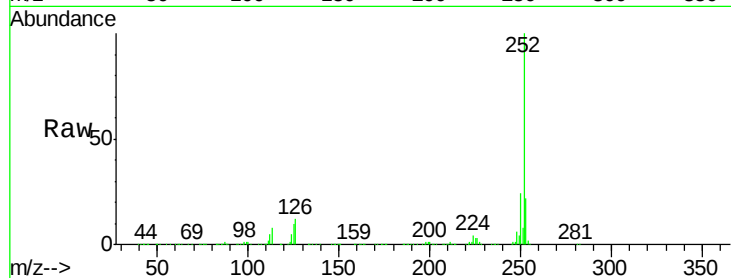
Tgt Ion: 252 Resp: 775296

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

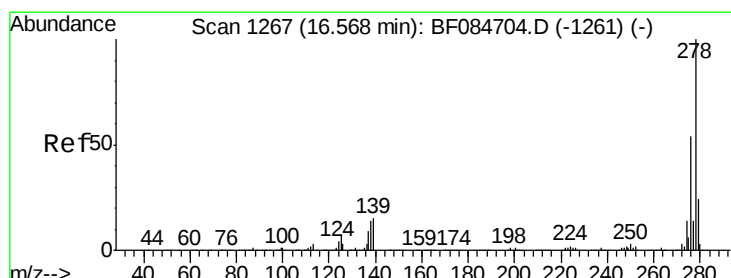
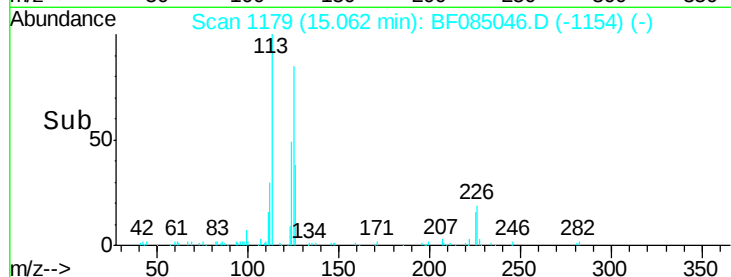
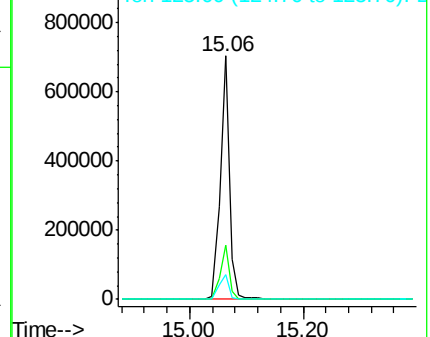
125 10.1 7.0 10.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.25 ng

RT: 16.38 min Scan# 1294

Delta R.T. -0.02 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

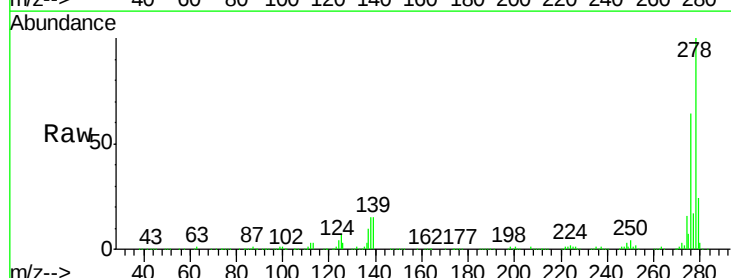
Tgt Ion: 278 Resp: 739185

Ion Ratio Lower Upper

278 100

139 14.7 15.0 22.4#

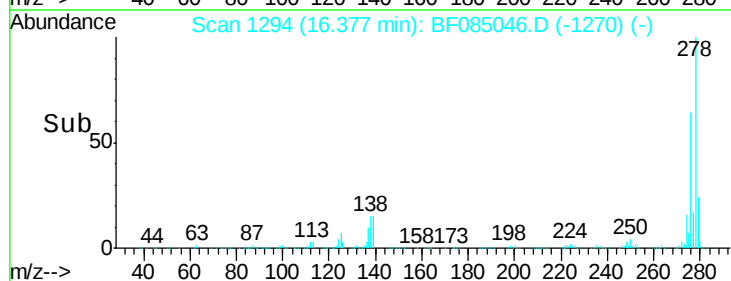
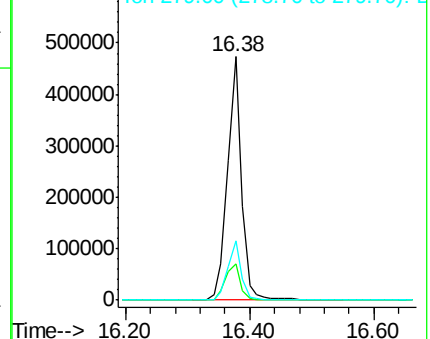
279 24.1 18.9 28.3

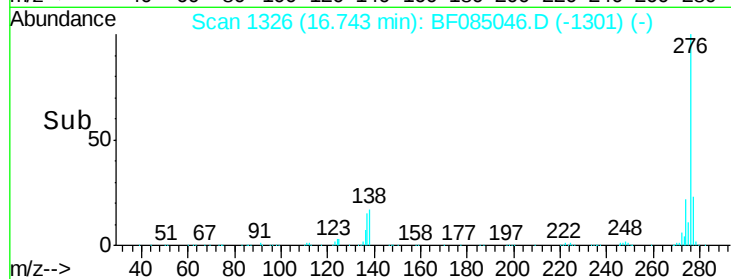
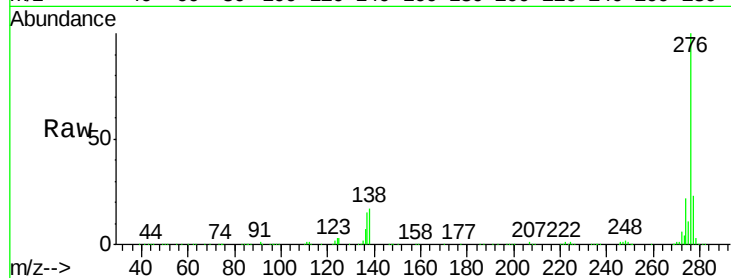
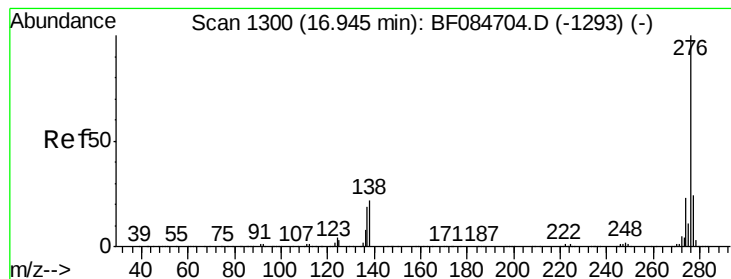


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.47 ng

RT: 16.74 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF085046.D

Acq: 12 Feb 2016 7:26

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 276 Resp: 747747

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 17.0 17.8 26.6

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

