

Data Path : Z:\HPCHEM1\BNA_F\Data\BF030116\
 Data File : BF085104.D
 Acq On : 1 Mar 2016 21:26
 Operator : SJ/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Quant Time: Mar 02 03:16:25 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 01:33:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	216336	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	844752	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	425165	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	806517	20.00	ng	0.00
75) Chrysene-d12	14.16	240	623527	20.00	ng	0.00
86) Perylene-d12	15.62	264	478754	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	985238	73.94	ng	0.00
7) Phenol-d6	6.60	99	1399354	80.10	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1263832	79.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	395275	92.51	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	2067466	74.83	ng	-0.01
78) Terphenyl-d14	13.10	244	1968770	74.07	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	252465	38.23	ng	99
3) Pyridine	3.46	79	714398	42.15	ng	99
4) n-Nitrosodimethylamine	3.42	42	294952	38.25	ng	94
6) Aniline	6.65	93	972866	39.25	ng	96
8) 2-Chlorophenol	6.78	128	643302	41.88	ng	92
9) Benzaldehyde	6.54	77	401254	50.53	ng	97
10) Phenol	6.63	94	887383	45.40	ng	90
11) bis(2-Chloroethyl)ether	6.72	93	558508	36.05	ng	91
12) 1,3-Dichlorobenzene	6.94	146	663544	40.22	ng	97
13) 1,4-Dichlorobenzene	7.00	146	614895	36.57	ng	98
14) 1,2-Dichlorobenzene	7.16	146	626786	42.34	ng	97
15) Benzyl Alcohol	7.13	79	593920	46.64	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	844209	36.97	ng	100
17) 2-Methylphenol	7.23	107	497258	38.64	ng	99
18) Hexachloroethane	7.51	117	249022	40.06	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	427275	37.11	ng	92
20) 3+4-Methylphenols	7.39	107	674245	43.84	ng	91
22) Acetophenone	7.40	105	879653	41.40	ng	# 91
24) Nitrobenzene	7.58	77	751926	45.65	ng	94
25) Isophorone	7.82	82	1250842	41.18	ng	98
26) 2-Nitrophenol	7.88	139	284246	37.29	ng	# 67
27) 2,4-Dimethylphenol	7.92	122	551667	38.64	ng	93
28) bis(2-Chloroethoxy)methane	8.02	93	748401	44.68	ng	99
29) 2,4-Dichlorophenol	8.12	162	475493	40.49	ng	97
30) 1,2,4-Trichlorobenzene	8.22	180	521681	40.75	ng	99
31) Naphthalene	8.30	128	1598009	37.40	ng	100
32) Benzoic acid	8.02	122	268140	36.43	ng	99
33) 4-Chloroaniline	8.34	127	728870	43.16	ng	97
34) Hexachlorobutadiene	8.42	225	306522	41.27	ng	100
35) Caprolactam	8.72	113	166957	44.38	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	576448	44.39	ng	89
37) 2-Methylnaphthalene	8.99	142	1181266	45.23	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	460503	35.17	ng	98
40) Hexachlorocyclopentadiene	9.14	237	304963	40.91	ng	99

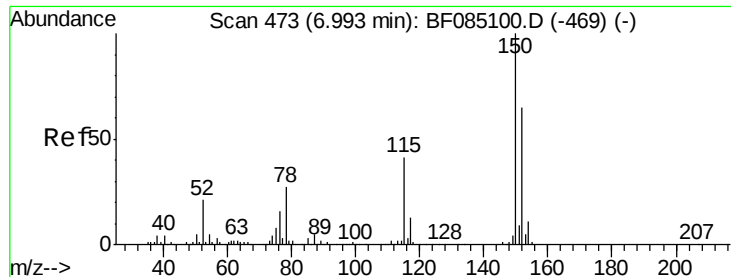
Data Path : Z:\HPCHEM1\BNA_F\Data\BF030116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	343902	39.01	ng	99
43) 2,4,5-Trichlorophenol	9.30	196	371708	44.00	ng	94
45) 1,1'-Biphenyl	9.45	154	1280053	33.92	ng	96
46) 2-Chloronaphthalene	9.48	162	1057108	38.40	ng	94
47) 2-Nitroaniline	9.56	65	319909	36.52	ng	# 70
48) Acenaphthylene	9.90	152	1619220	39.58	ng	100
49) Dimethylphthalate	9.76	163	1234352	39.16	ng	98
50) 2,6-Dinitrotoluene	9.82	165	297079	45.44	ng	# 75
51) Acenaphthene	10.07	154	1034207	40.27	ng	99
52) 3-Nitroaniline	9.98	138	320108	41.22	ng	83
53) 2,4-Dinitrophenol	10.08	184	102640	45.73	ng	# 13
54) Dibenzofuran	10.24	168	1460425	43.80	ng	98
55) 4-Nitrophenol	10.12	139	235484	39.52	ng	# 60
56) 2,4-Dinitrotoluene	10.22	165	408166	46.34	ng	# 81
57) Fluorene	10.58	166	1122886	46.23	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.35	232	316670	49.49	ng	94
59) Diethylphthalate	10.46	149	1219465	40.36	ng	98
60) 4-Chlorophenyl-phenylether	10.57	204	523617	38.75	ng	98
61) 4-Nitroaniline	10.59	138	292429	38.88	ng	86
62) Azobenzene	10.73	77	1366561	44.77	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	157522	33.48	ng	# 42
65) n-Nitrosodiphenylamine	10.68	169	970603	38.18	ng	99
66) 4-Bromophenyl-phenylether	11.06	248	342215	40.41	ng	95
67) Hexachlorobenzene	11.13	284	400995	41.95	ng	92
68) Atrazine	11.21	200	246247	31.75	ng	99
69) Pentachlorophenol	11.31	266	223342	39.37	ng	97
70) Phenanthrene	11.54	178	1634046	40.73	ng	100
71) Anthracene	11.60	178	1760385	39.07	ng	97
72) Carbazole	11.75	167	1687341	43.03	ng	98
73) Di-n-butylphthalate	12.08	149	1823982	39.09	ng	99
74) Fluoranthene	12.73	202	1859384	42.23	ng	97
76) Benzidine	12.85	184	773251	42.54	ng	98
77) Pyrene	12.96	202	1872768	44.00	ng	99
79) Butylbenzylphthalate	13.57	149	735607	39.58	ng	# 65
80) Benzo(a)anthracene	14.15	228	1540511	42.55	ng	100
81) 3,3'-Dichlorobenzidine	14.10	252	516681	45.67	ng	97
82) Chrysene	14.18	228	1454240	43.99	ng	99
83) Bis(2-ethylhexyl)phthalate	14.13	149	930290	44.70	ng	100
84) Di-n-octyl phthalate	14.74	149	1380152	44.68	ng	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	1091144	39.03	ng	99
87) Benzo(b)fluoranthene	15.20	252	1271929	43.63	ng	99
88) Benzo(k)fluoranthene	15.20	252	1271929	50.38	ng	# 93
89) Benzo(a)pyrene	15.57	252	1038130	42.34	ng	99
90) Dibenzo(a,h)anthracene	17.13	278	914232	41.40	ng	98
91) Benzo(g,h,i)perylene	17.55	276	917357	40.86	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

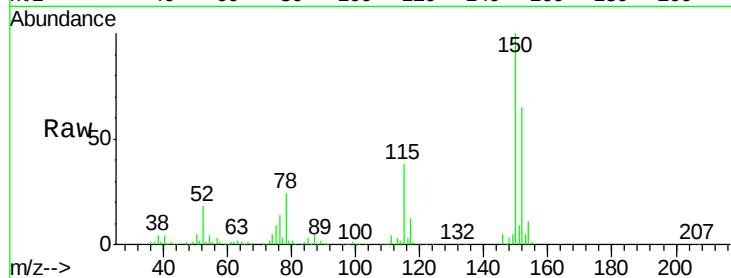
Tgt Ion:152 Resp: 216336

Ion Ratio Lower Upper

152 100

150 155.0 123.4 185.0

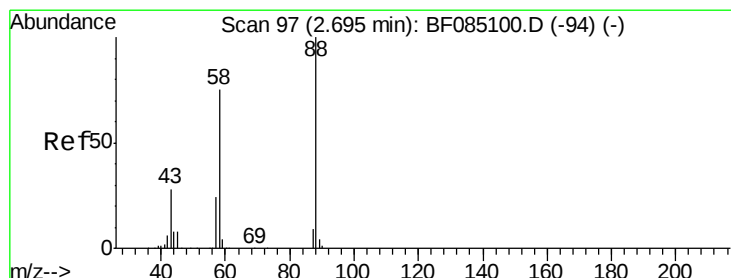
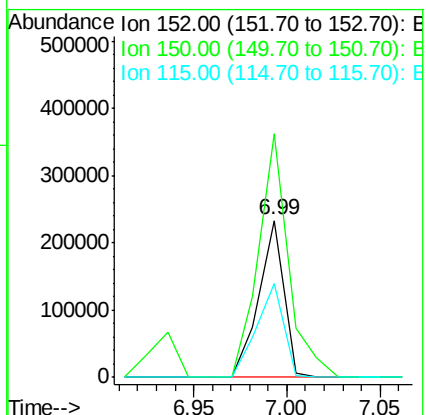
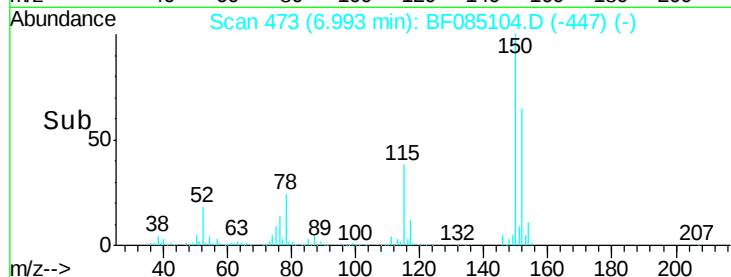
115 59.5 50.0 75.0



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: 38.23 ng

RT: 2.70 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

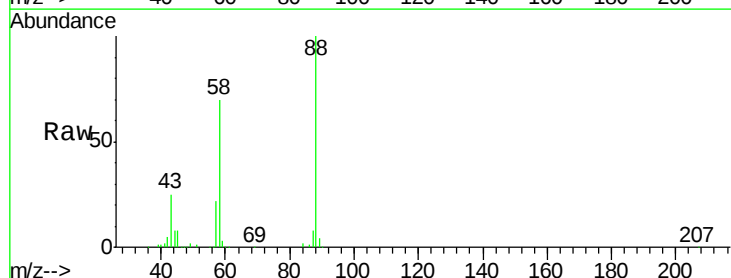
Tgt Ion: 88 Resp: 252465

Ion Ratio Lower Upper

88 100

58 74.0 58.4 87.6

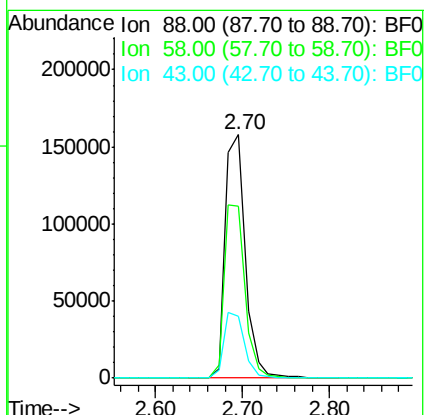
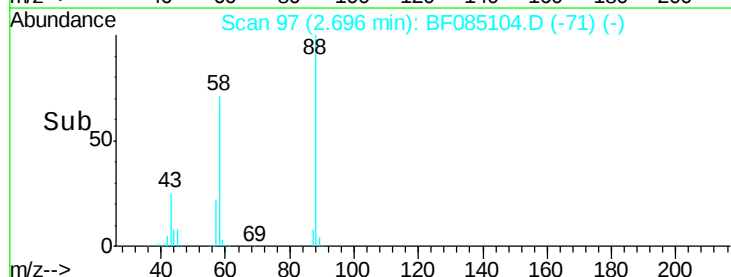
43 28.1 22.2 33.4

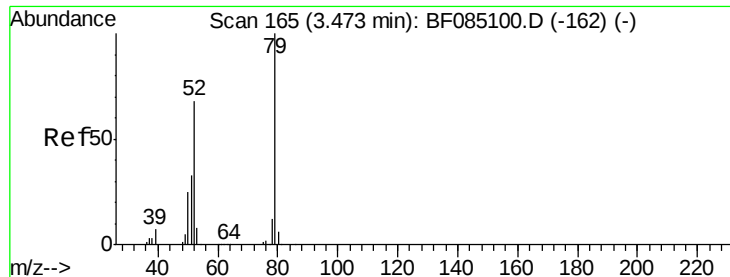


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

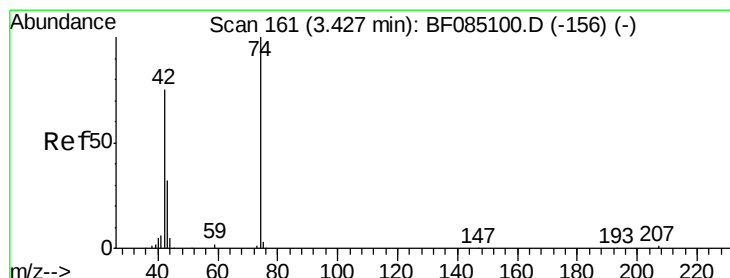
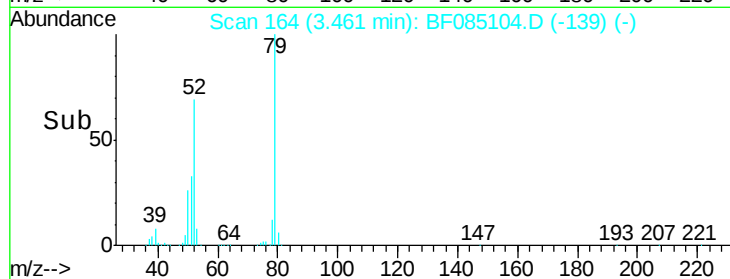
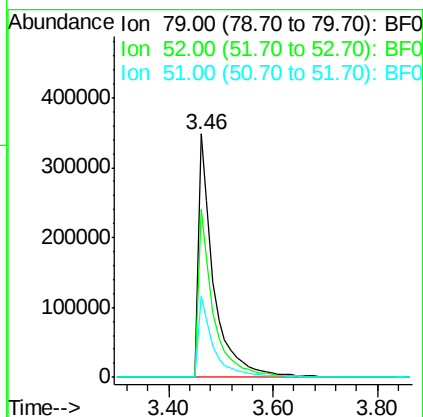
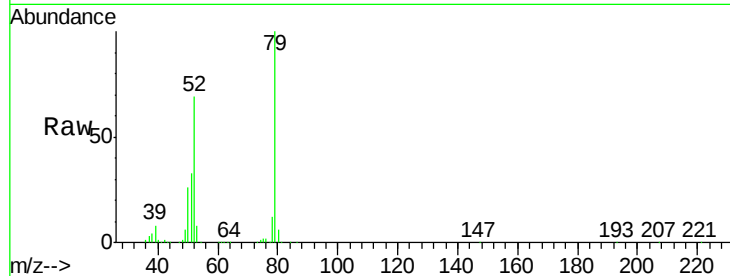




#3
 Pyridine
 Concen: 42.15 ng
 RT: 3.46 min Scan# 164
 Delta R.T. -0.01 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

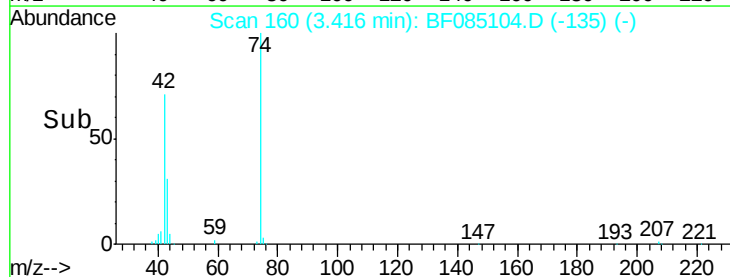
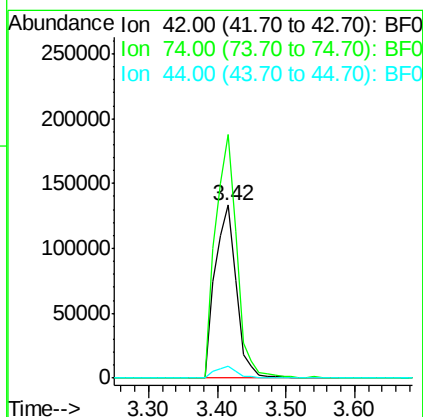
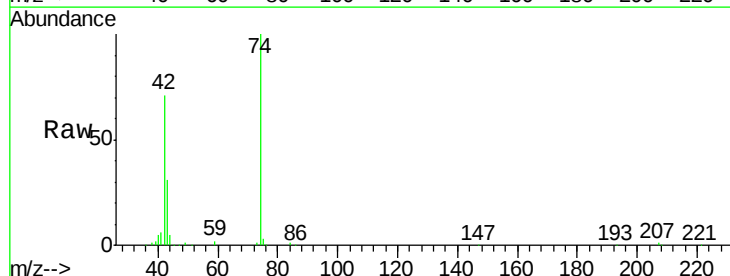
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

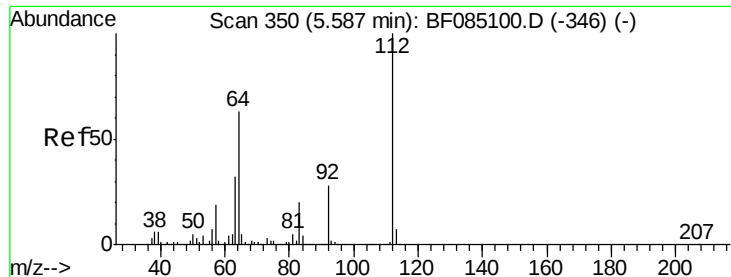
Tgt Ion	Ratio	Lower	Upper
79	100		
52	69.0	54.1	81.1
51	33.4	26.6	40.0



#4
 n-Nitrosodimethylamine
 Concen: 38.25 ng
 RT: 3.42 min Scan# 160
 Delta R.T. -0.01 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.6	106.6	160.0
44	6.9	5.4	8.2





#5

2-Fluorophenol

Concen: 73.94 ng

RT: 5.59 min Scan# 350

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

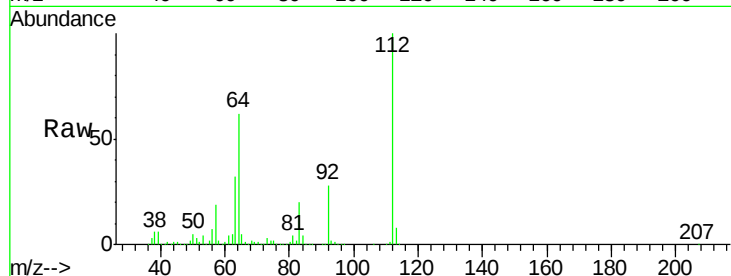
Tgt Ion: 112 Resp: 985238

Ion Ratio Lower Upper

112 100

64 61.8 50.6 76.0

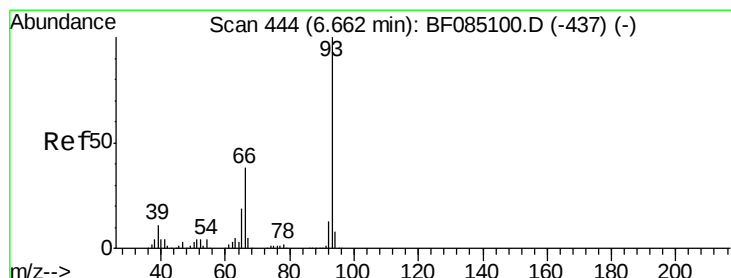
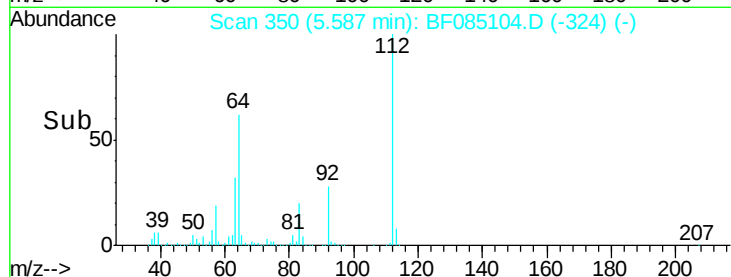
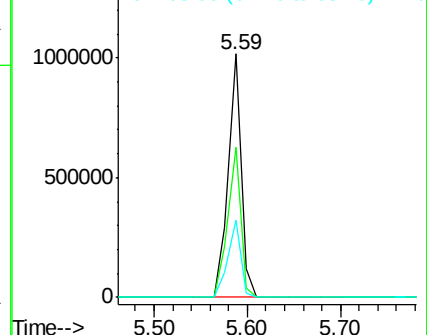
63 31.5 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 39.25 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

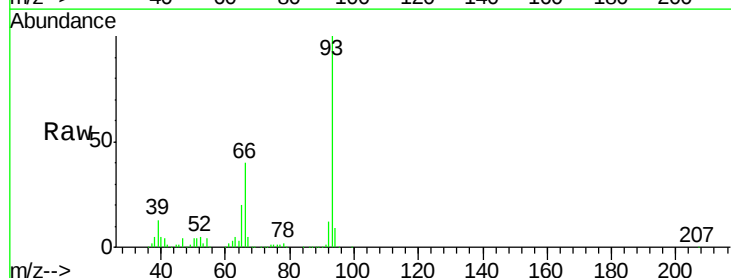
Tgt Ion: 93 Resp: 972866

Ion Ratio Lower Upper

93 100

66 40.4 30.1 45.1

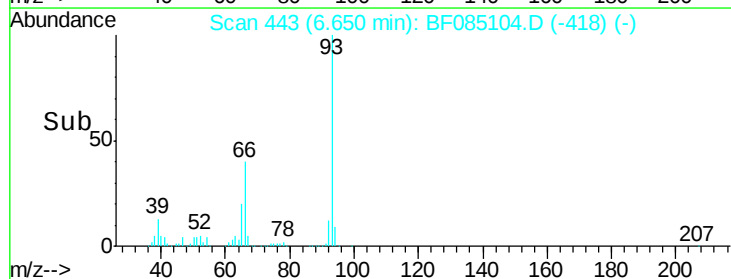
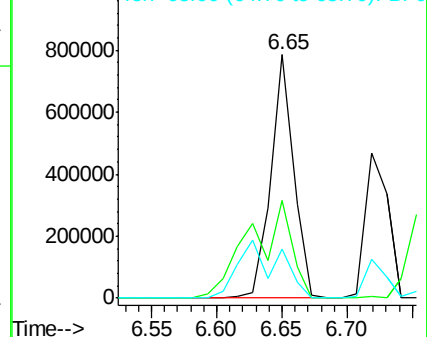
65 20.3 15.0 22.6

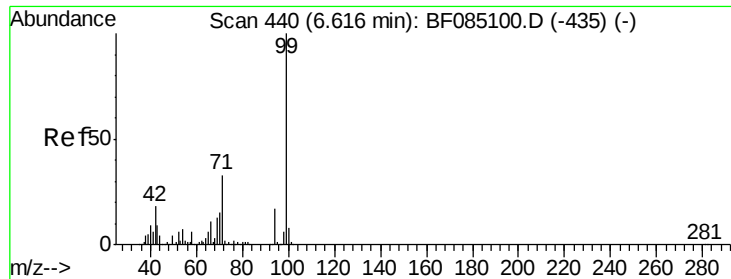


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.10 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

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ClientSampleId :

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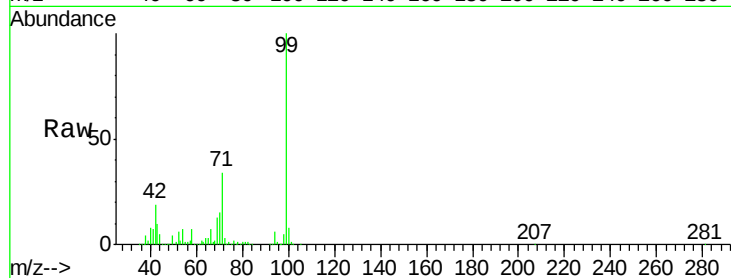
Tgt Ion: 99 Resp: 1399354

Ion Ratio Lower Upper

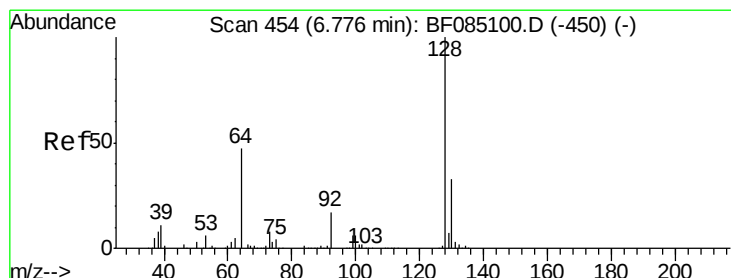
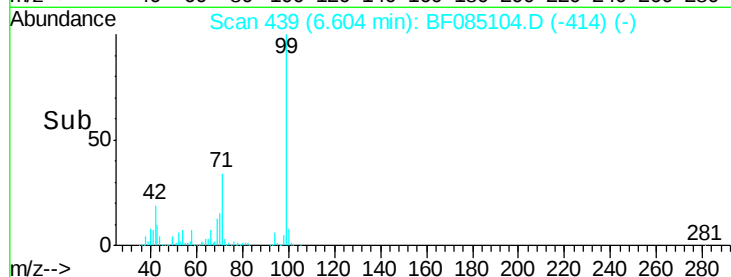
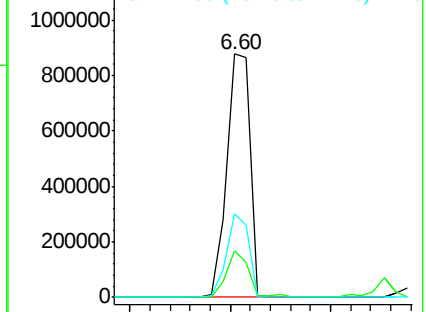
99 100

42 19.1 14.1 21.1

71 34.5 26.8 40.2



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: 41.88 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

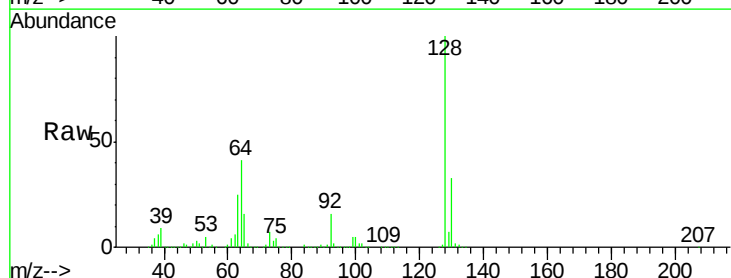
Tgt Ion: 128 Resp: 643302

Ion Ratio Lower Upper

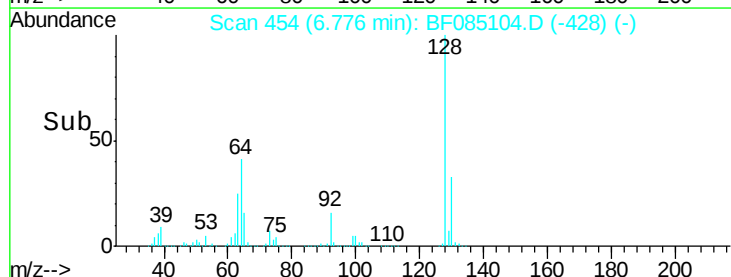
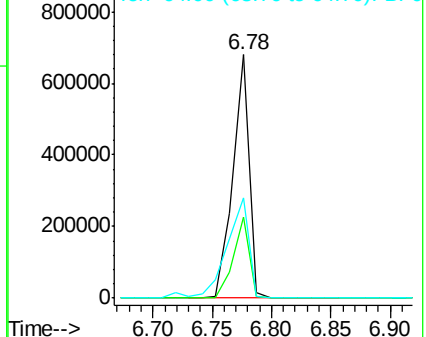
128 100

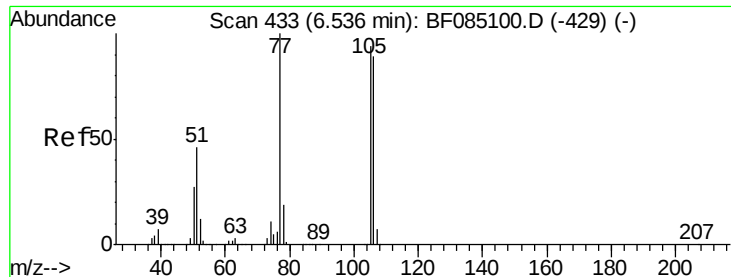
130 33.0 13.1 53.1

64 41.0 29.6 69.6



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: 50.53 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

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ICVBF030116

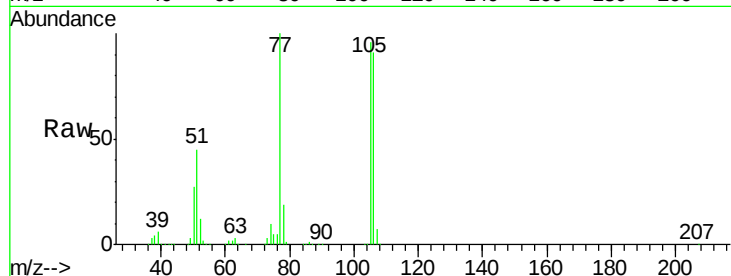
Tgt Ion: 77 Resp: 401254

Ion Ratio Lower Upper

77 100

105 96.3 73.7 113.7

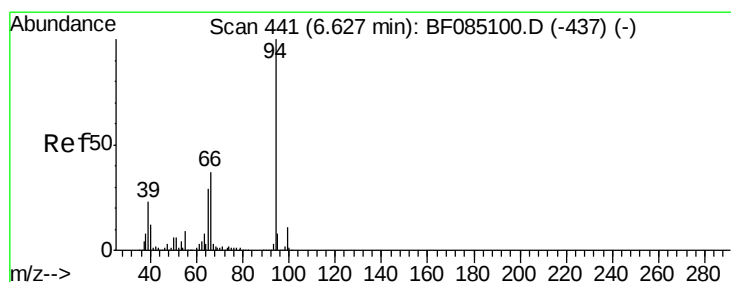
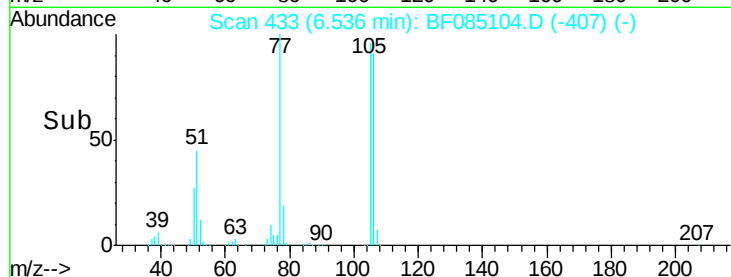
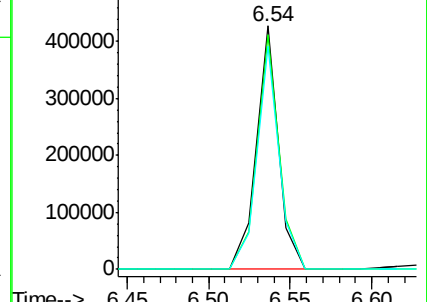
106 91.4 69.2 109.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.40 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

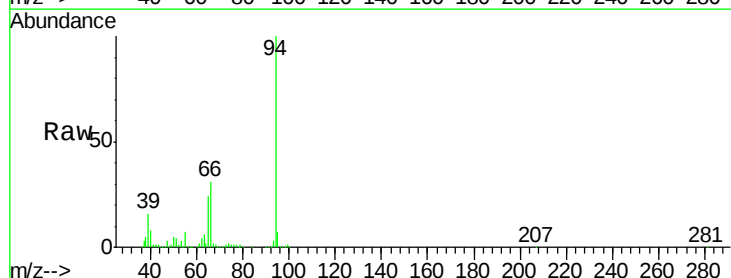
Tgt Ion: 94 Resp: 887383

Ion Ratio Lower Upper

94 100

65 24.1 9.1 49.1

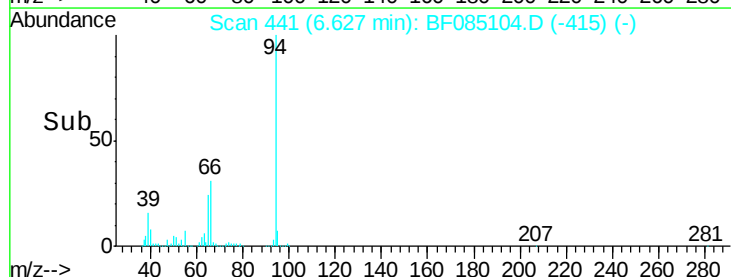
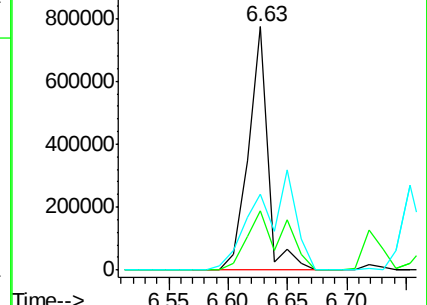
66 31.1 17.5 57.5

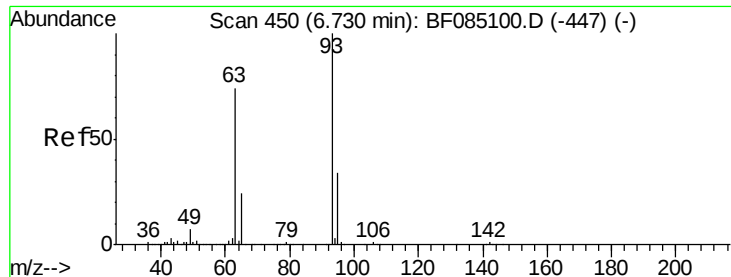


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

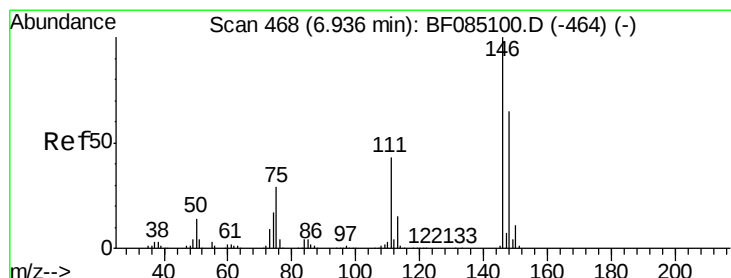
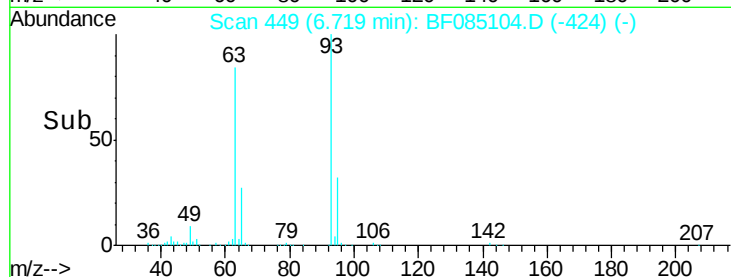
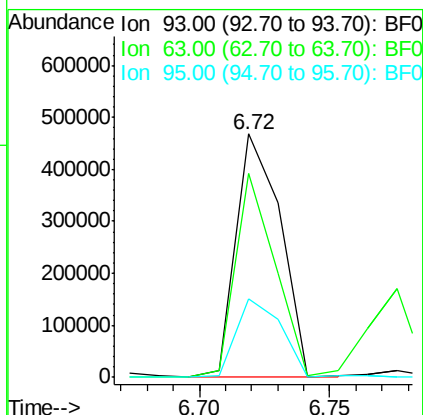
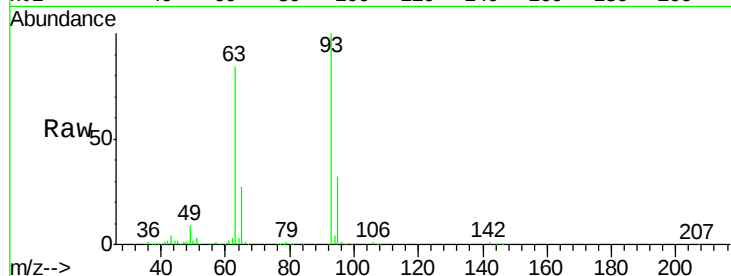




#11
bis(2-Chloroethyl)ether
Concen: 36.05 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

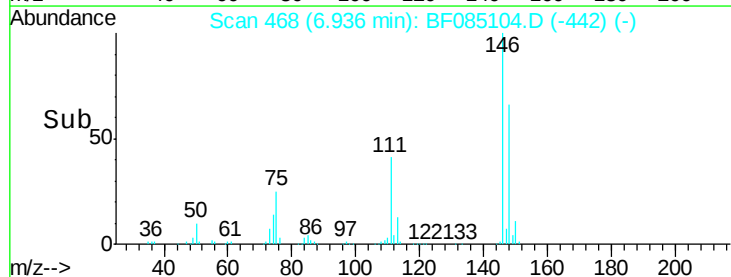
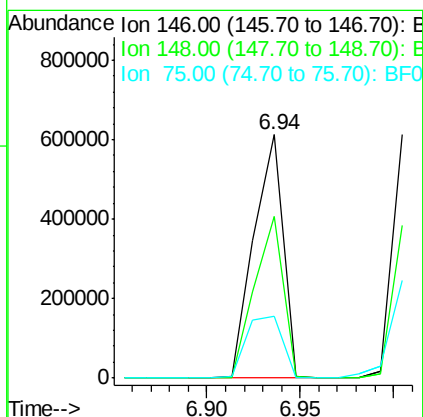
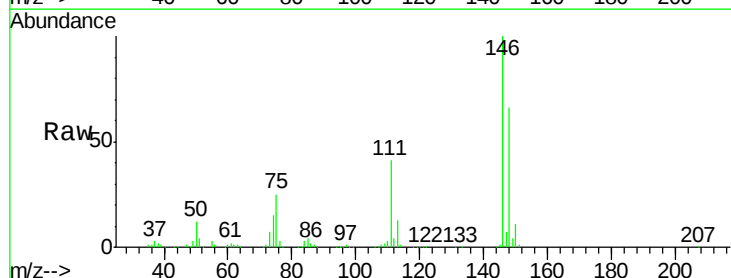
Instrument :
BNA_F
ClientSampleId :
ICVBF030116

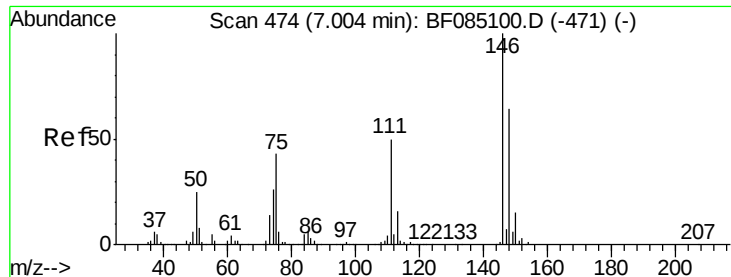
Tgt Ion: 93 Resp: 558508
Ion Ratio Lower Upper
93 100
63 84.0 53.9 93.9
95 32.2 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 40.22 ng
RT: 6.94 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion: 146 Resp: 663544
Ion Ratio Lower Upper
146 100
148 66.3 51.9 77.9
75 25.3 23.3 34.9

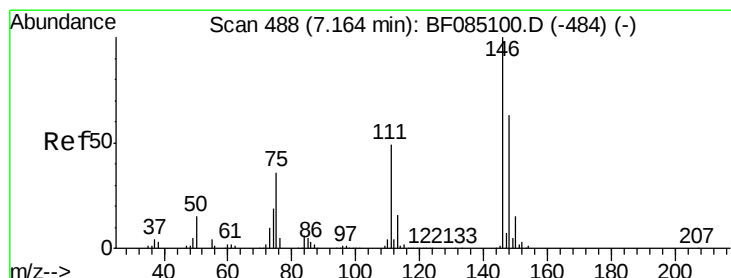
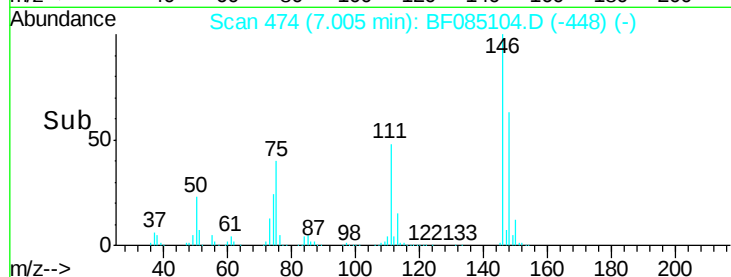
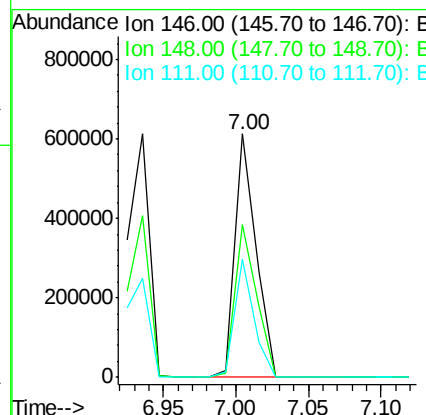
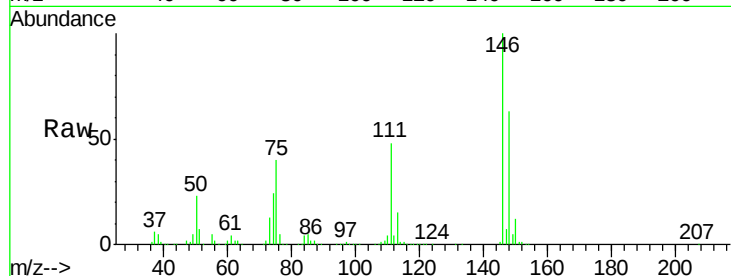




#13
 1,4-Dichlorobenzene
 Concen: 36.57 ng
 RT: 7.00 min Scan# 474
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

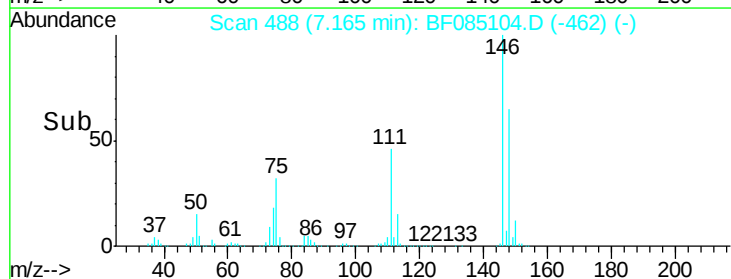
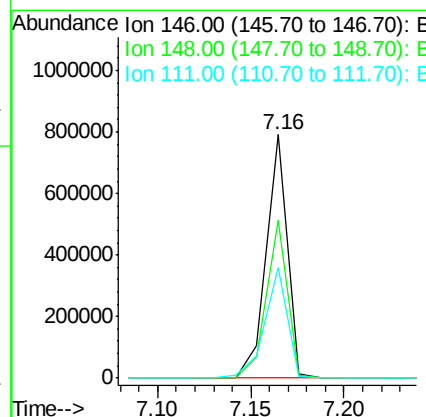
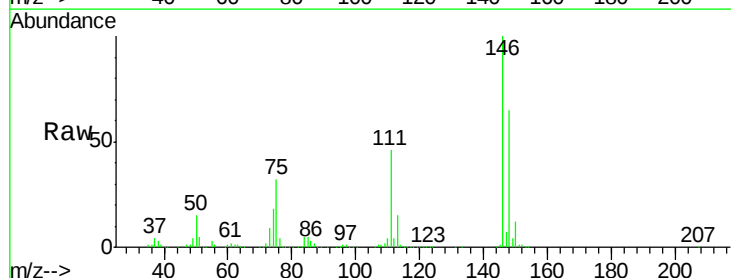
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

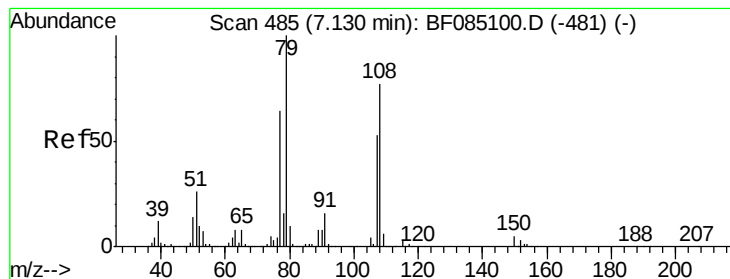
Tgt Ion:146 Resp: 614895
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 48.4 40.0 60.0



#14
 1,2-Dichlorobenzene
 Concen: 42.34 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:146 Resp: 626786
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.5 75.7
 111 45.6 38.9 58.3





#15

Benzyl Alcohol

Concen: 46.64 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

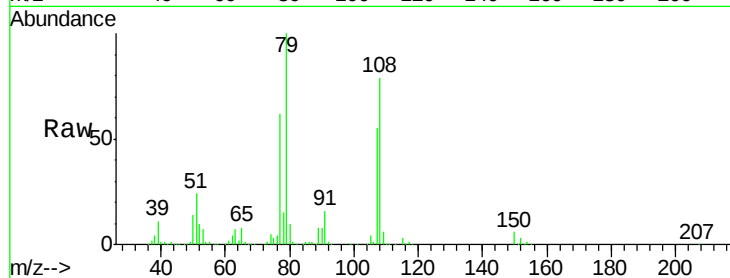
Tgt Ion: 79 Resp: 593920

Ion Ratio Lower Upper

79 100

108 78.7 61.8 92.6

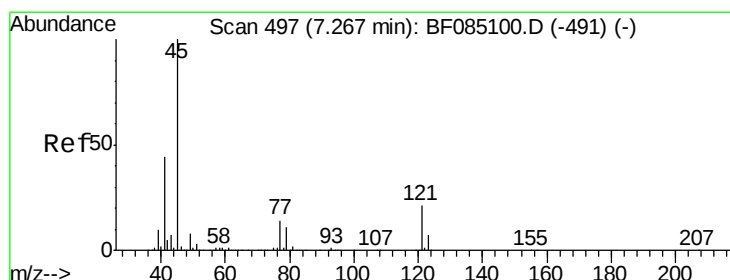
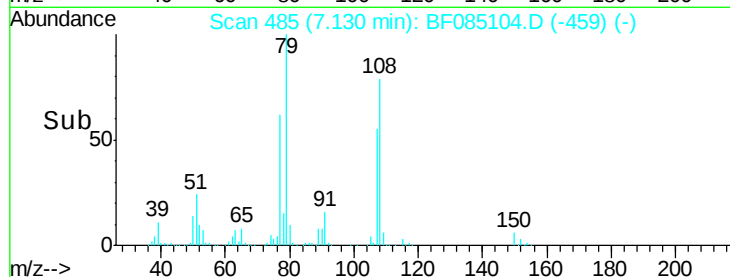
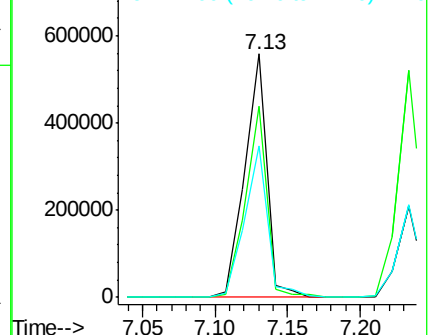
77 62.3 51.2 76.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.97 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

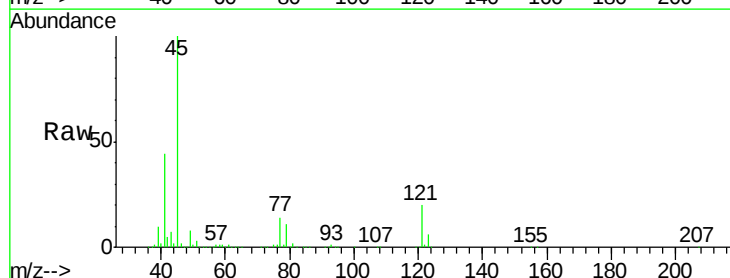
Tgt Ion: 45 Resp: 844209

Ion Ratio Lower Upper

45 100

77 14.3 0.0 34.4

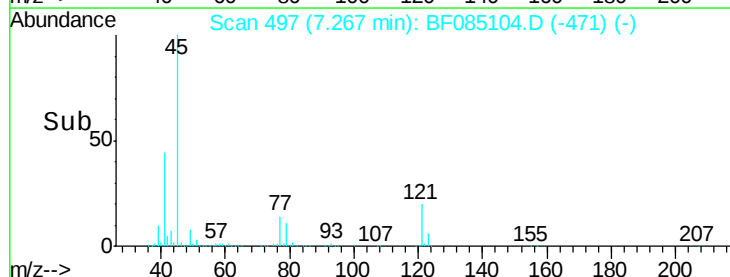
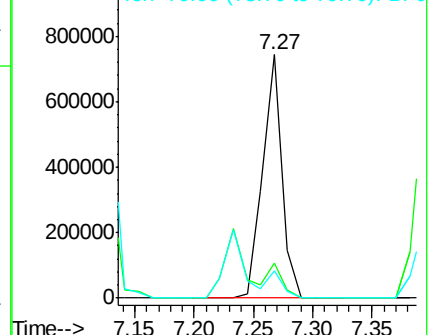
79 11.0 0.0 31.1

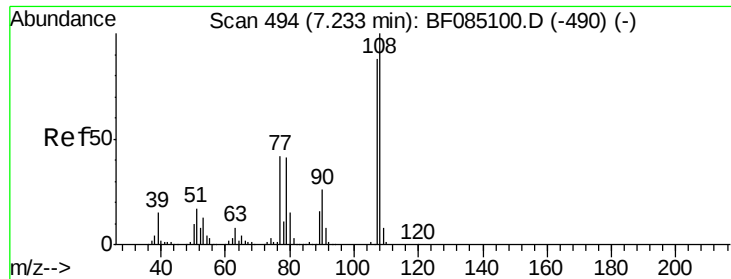


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

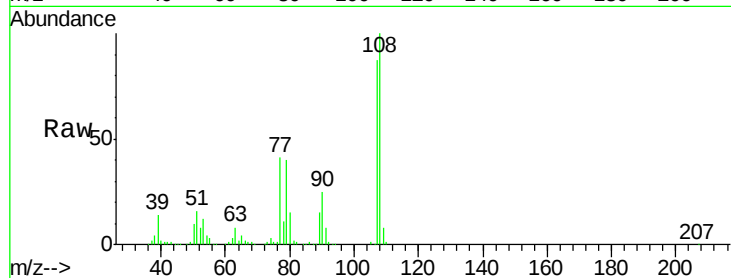




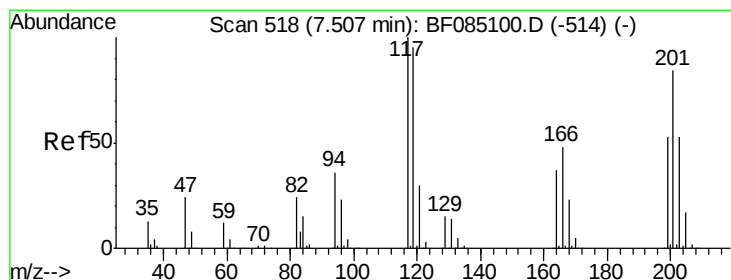
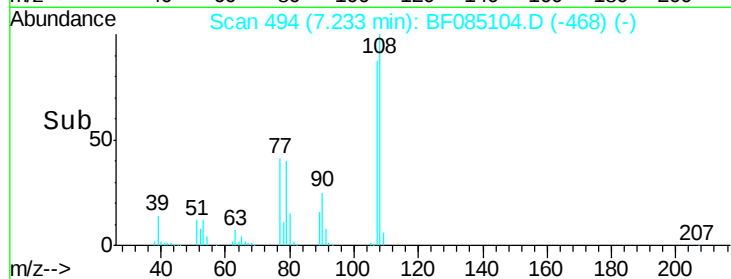
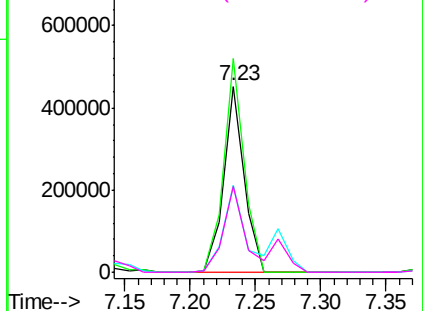
#17
2-Methylphenol
Concen: 38.64 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
ICVBF030116

Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.4	137.2
77	47.2	38.7	58.1
79	46.2	37.8	56.6

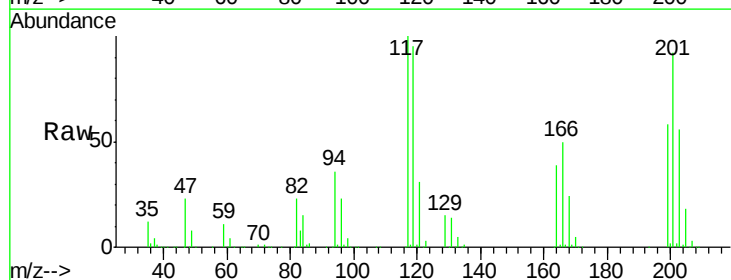


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

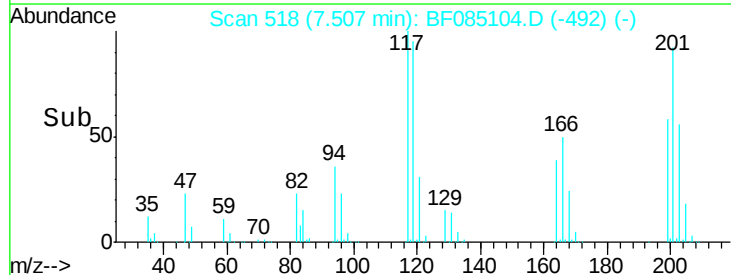
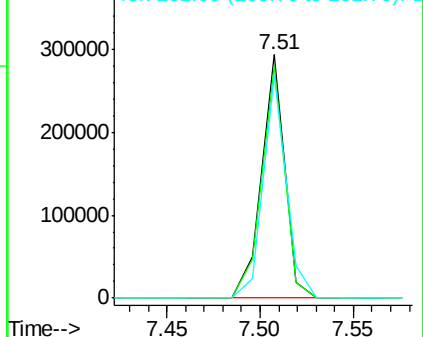


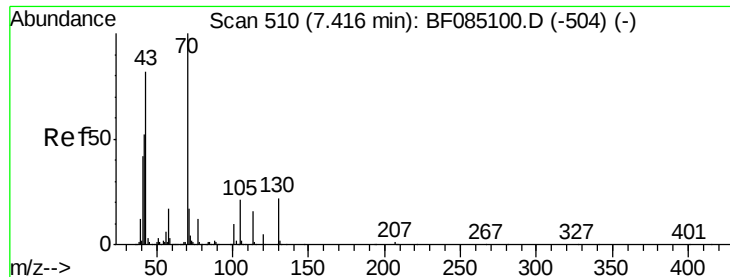
#18
Hexachloroethane
Concen: 40.06 ng
RT: 7.51 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.2	114.4
201	91.8	66.8	100.2



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

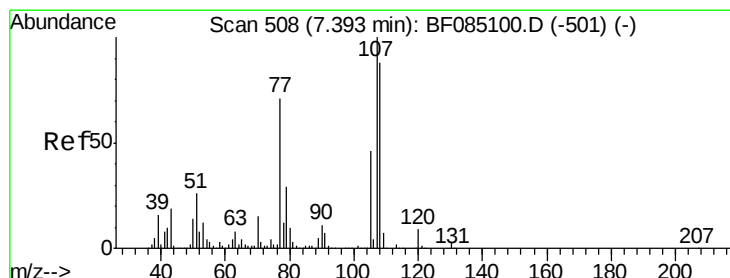
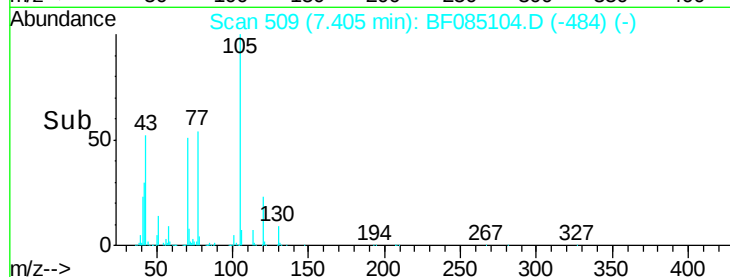
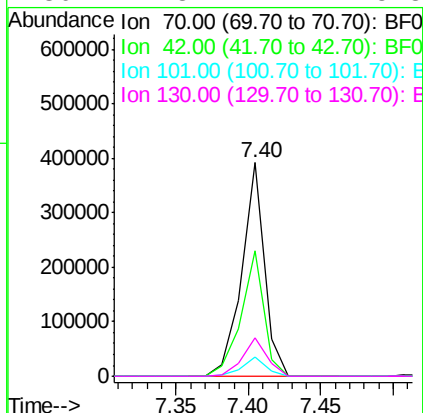
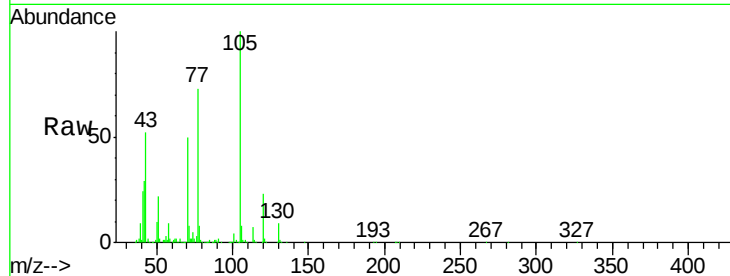




#19
n-Nitroso-di-n-propylamine
Concen: 37.11 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

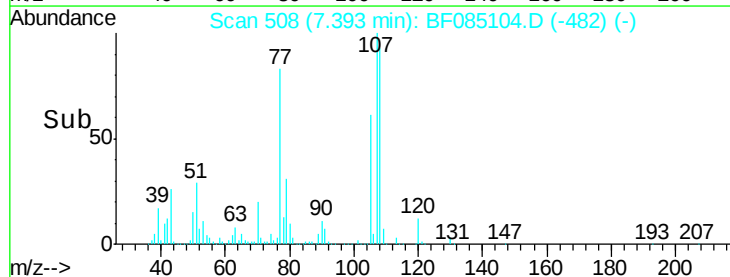
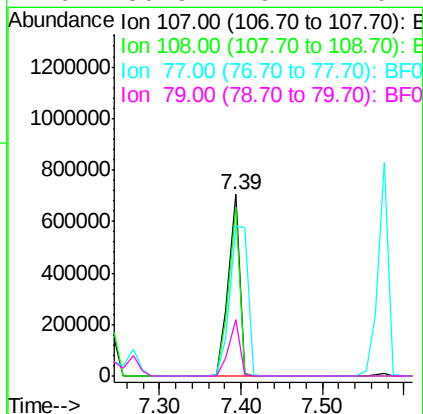
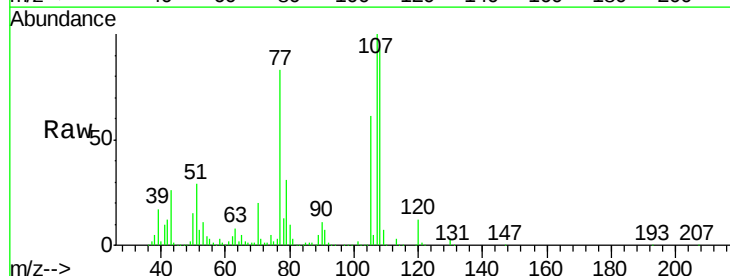
Instrument :
BNA_F
ClientSampleId :
ICVBF030116

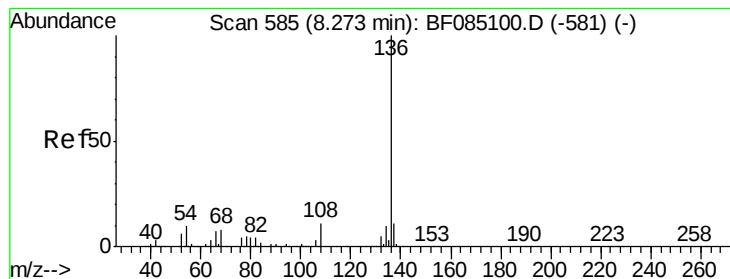
Tgt Ion:	70	Resp:	427275
Ion	Ratio	Lower	Upper
70	100		
42	58.9	41.9	62.9
101	8.9	7.8	11.8
130	17.8	17.2	25.8



#20
3+4-Methylphenols
Concen: 43.84 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion:	107	Resp:	674245
Ion	Ratio	Lower	Upper
107	100		
108	92.8	67.8	107.8
77	82.6	50.6	90.6
79	30.9	9.1	49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

Tgt Ion:136 Resp: 844752

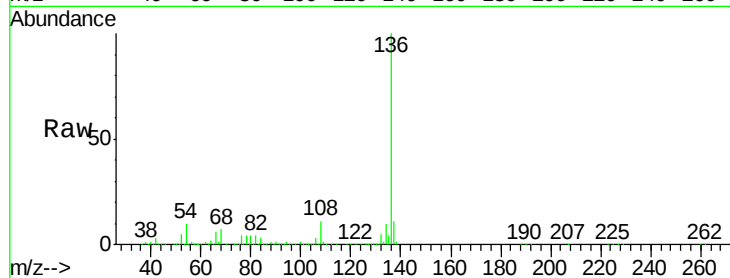
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.7 8.5 12.7

68 7.4 6.4 9.6

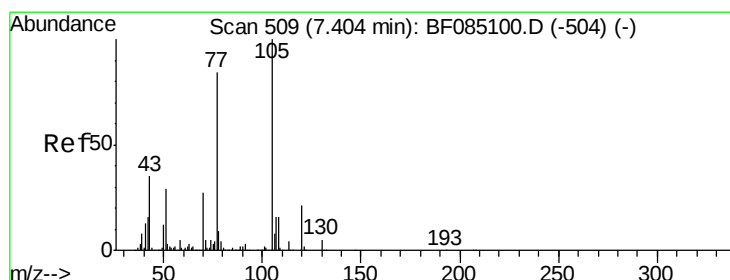
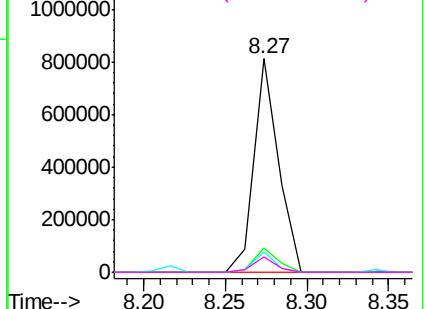
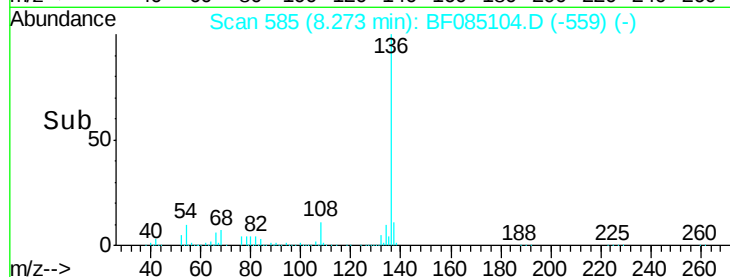


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.40 ng

RT: 7.40 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Tgt Ion:105 Resp: 879653

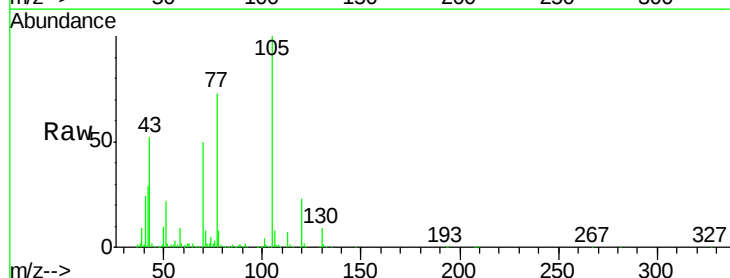
Ion Ratio Lower Upper

105 100

71 8.4 3.8 5.6#

51 22.3 22.9 34.3#

120 22.7 16.9 25.3

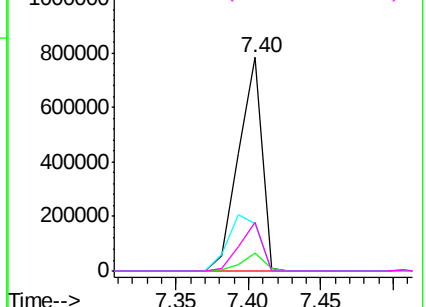
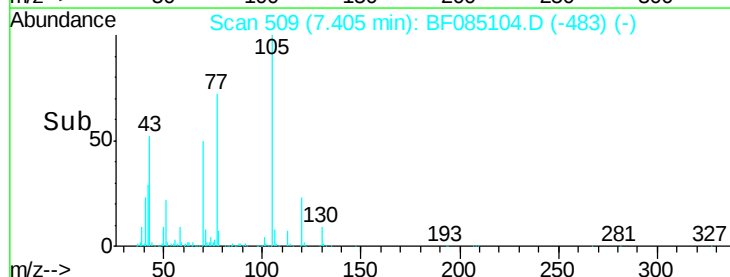


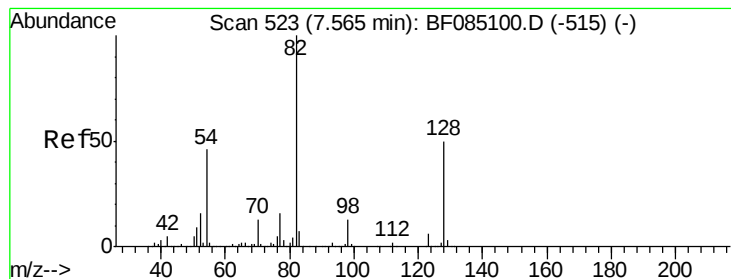
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.60 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

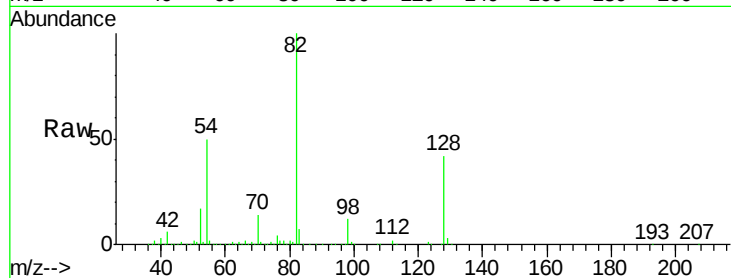
Tgt Ion: 82 Resp: 1263832

Ion Ratio Lower Upper

82 100

128 42.3 39.8 59.6

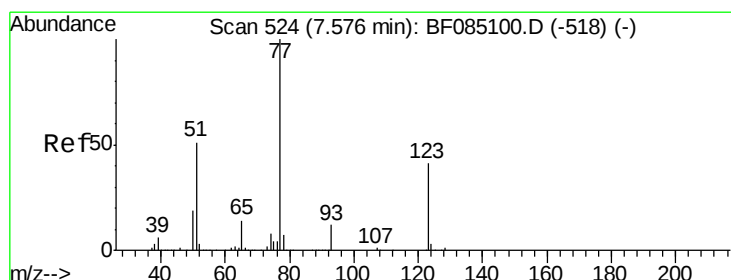
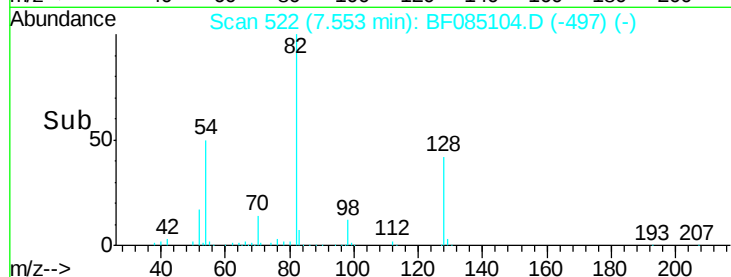
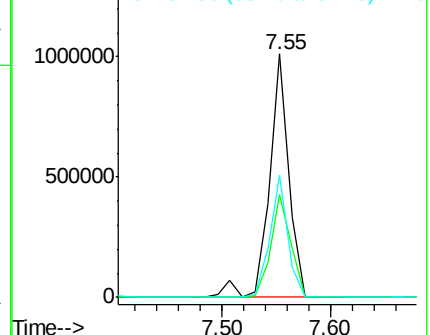
54 50.3 36.6 54.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 45.65 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

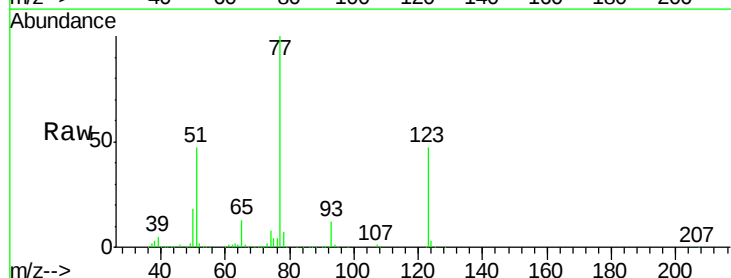
Tgt Ion: 77 Resp: 751926

Ion Ratio Lower Upper

77 100

123 46.6 33.4 50.2

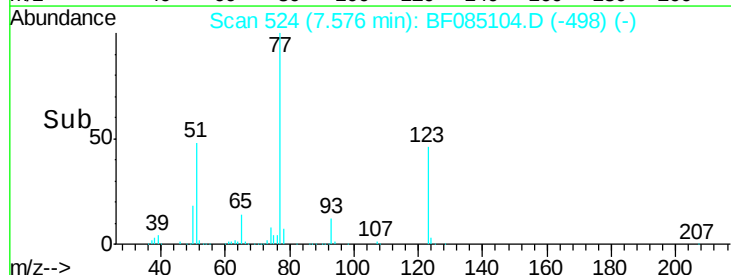
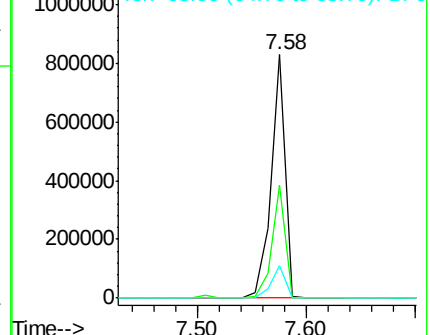
65 13.3 10.9 16.3

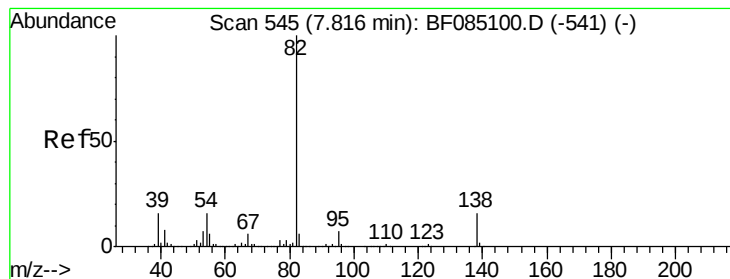


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.18 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

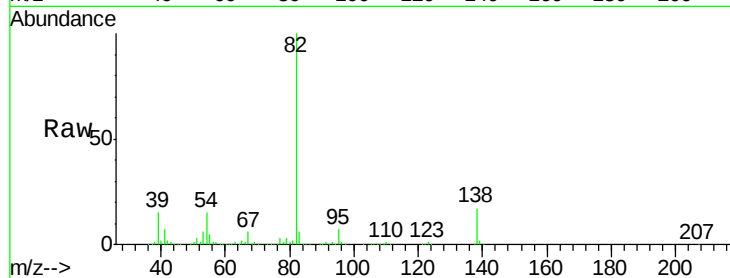
Tgt Ion: 82 Resp: 1250842

Ion Ratio Lower Upper

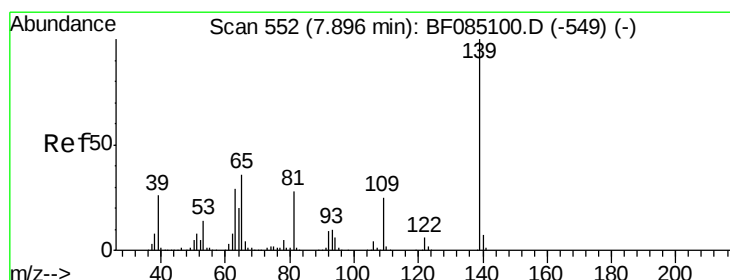
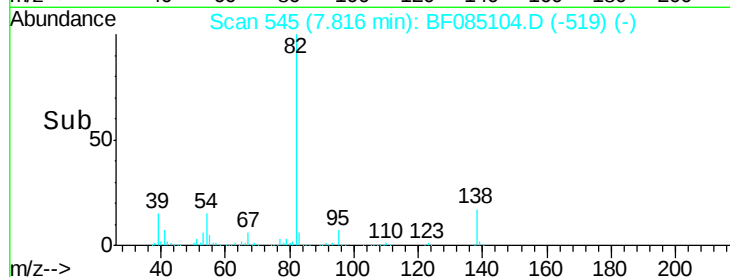
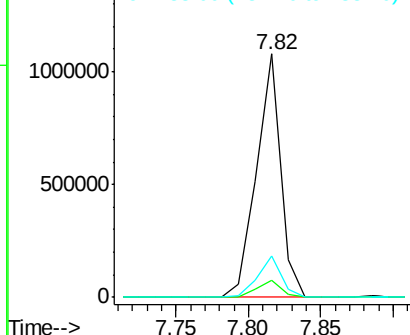
82 100

95 7.0 5.6 8.4

138 17.2 12.6 18.8



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: 37.29 ng

RT: 7.88 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

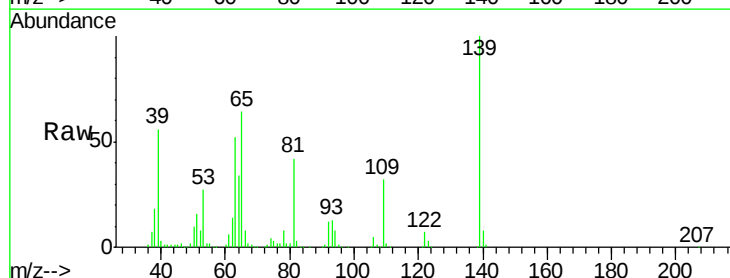
Tgt Ion: 139 Resp: 284246

Ion Ratio Lower Upper

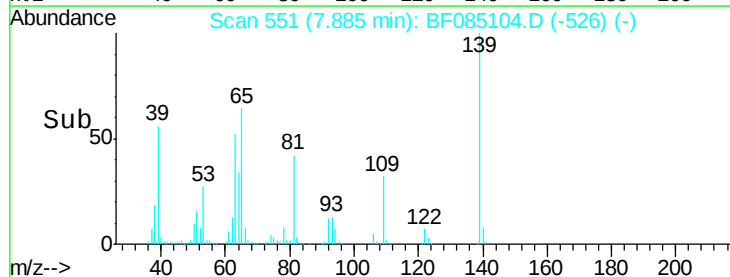
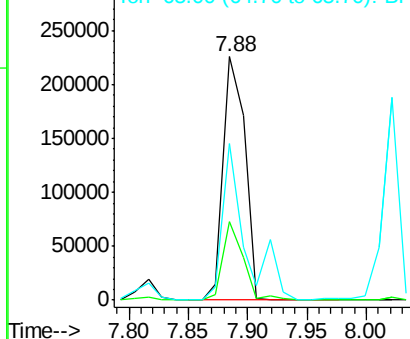
139 100

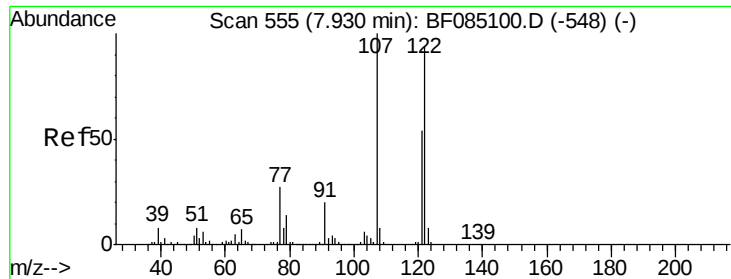
109 32.3 20.4 30.6#

65 64.3 29.2 43.8#



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

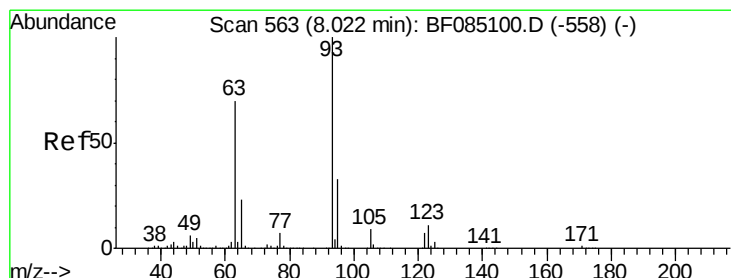
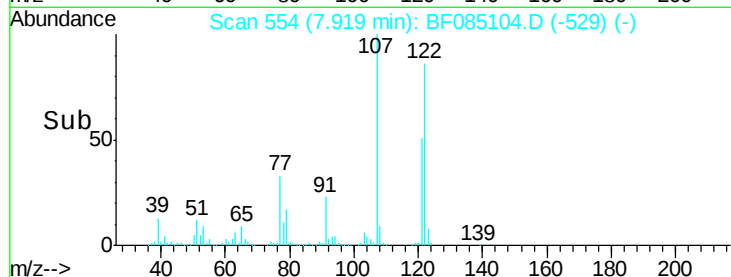
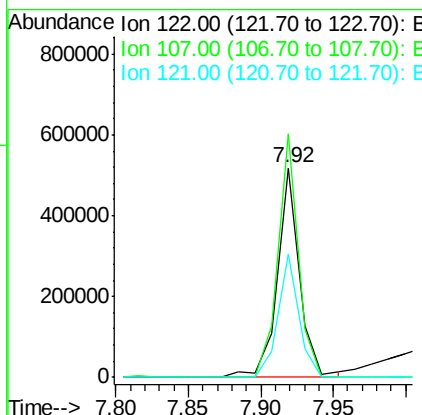
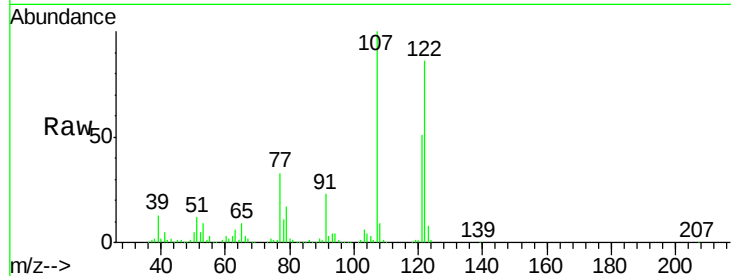




#27
 2,4-Dimethylphenol
 Concen: 38.64 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

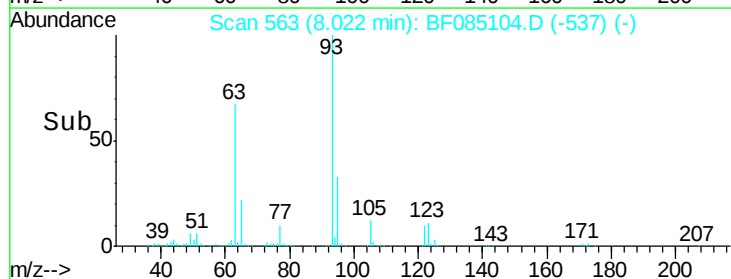
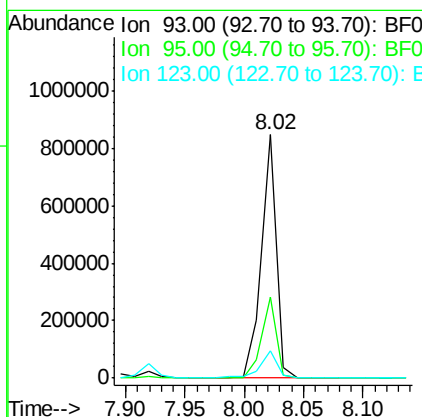
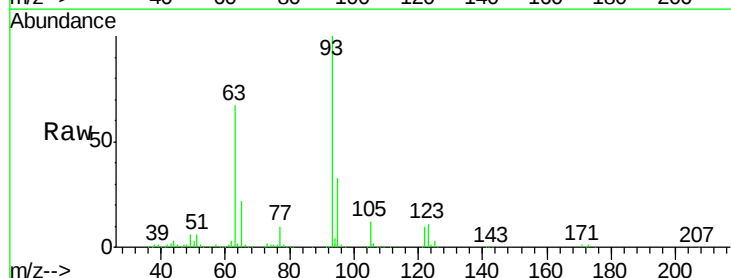
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

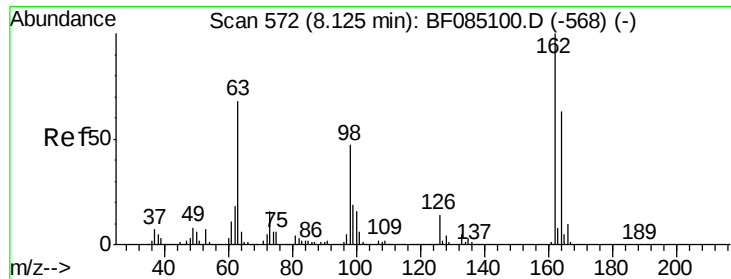
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.4	85.0	127.4
121	58.8	45.8	68.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.68 ng
 RT: 8.02 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	11.2	8.8	13.2

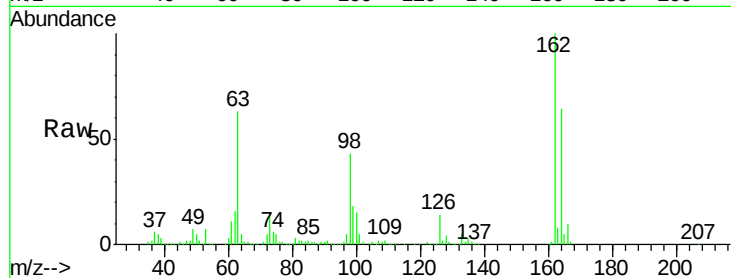




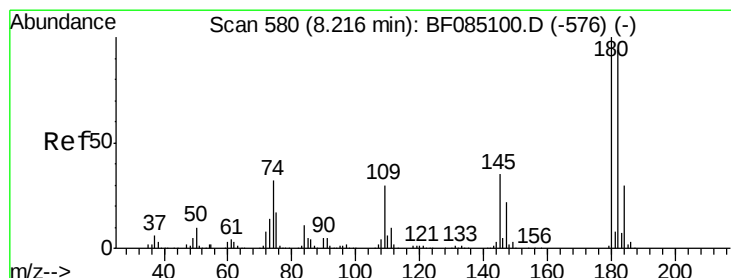
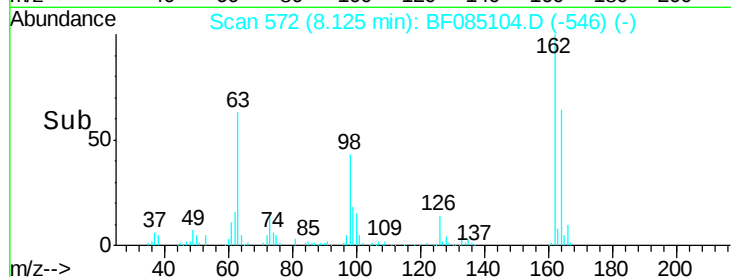
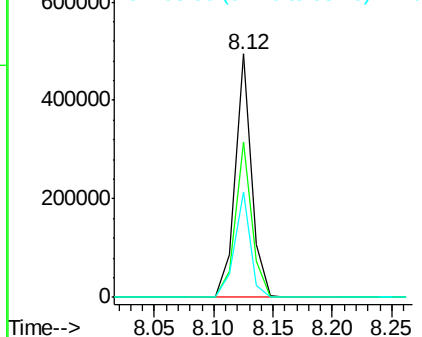
#29
 2,4-Dichlorophenol
 Concen: 40.49 ng
 RT: 8.12 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:162 Resp: 475493
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.9 82.9
 98 43.4 26.9 66.9

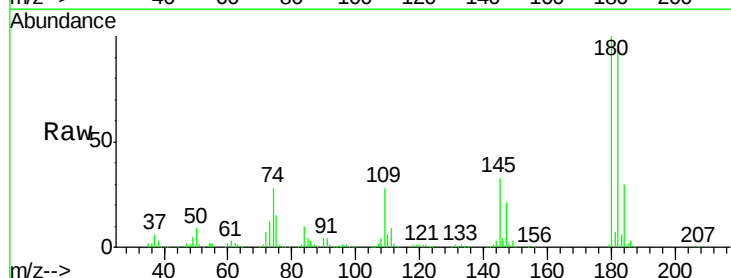


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

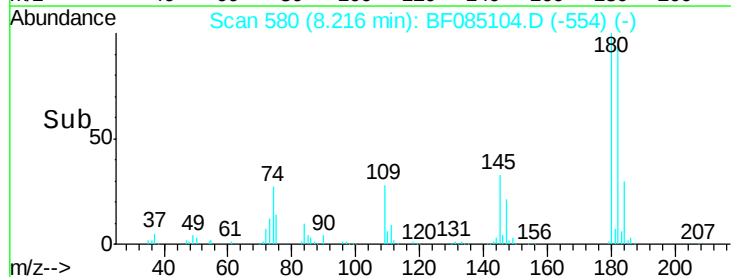
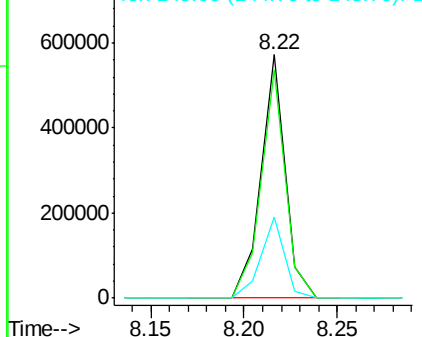


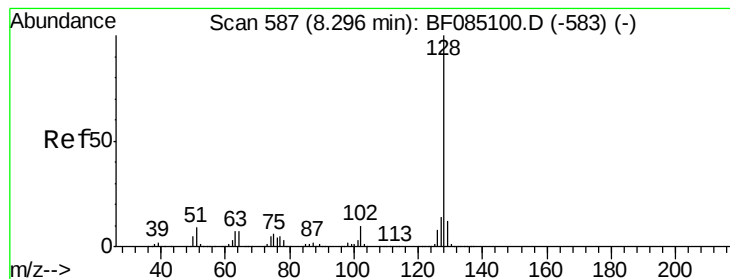
#30
 1,2,4-Trichlorobenzene
 Concen: 40.75 ng
 RT: 8.22 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:180 Resp: 521681
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.4 113.0
 145 33.4 27.8 41.8



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





#31

Naphthalene

Concen: 37.40 ng

RT: 8.30 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

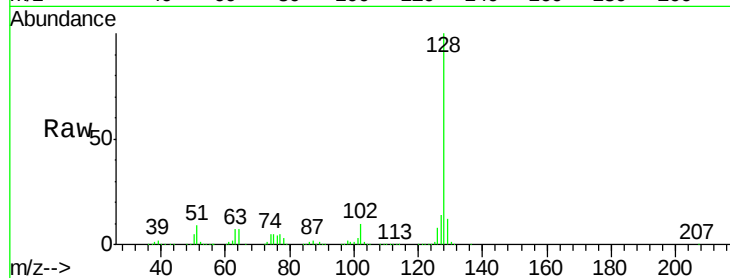
Tgt Ion:128 Resp: 1598009

Ion Ratio Lower Upper

128 100

129 12.0 9.7 14.5

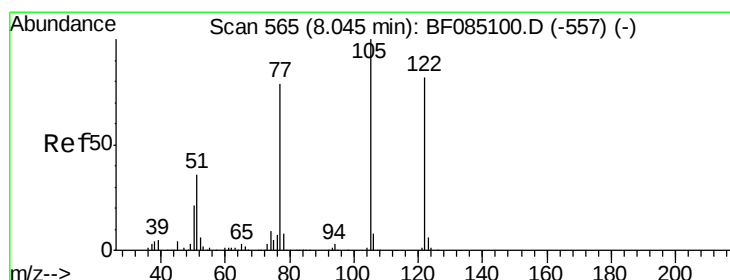
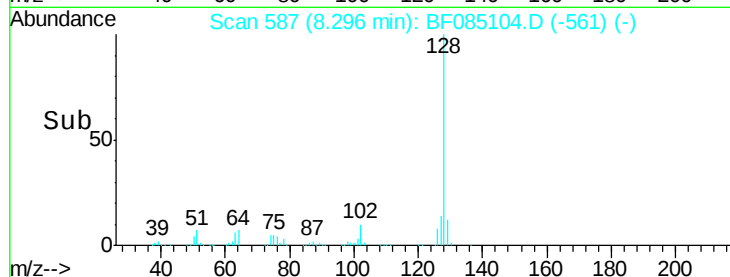
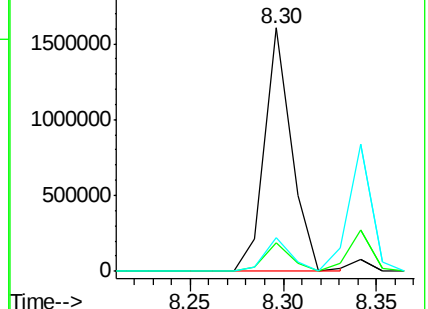
127 13.8 11.1 16.7



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: 36.43 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

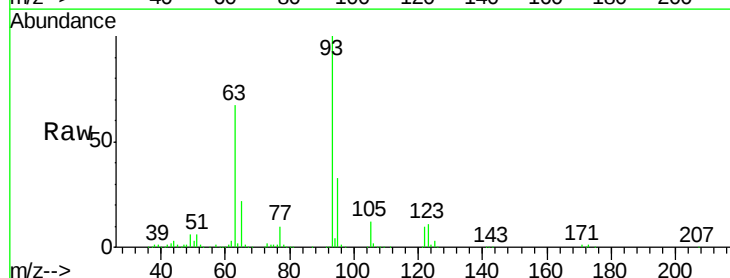
Tgt Ion:122 Resp: 268140

Ion Ratio Lower Upper

122 100

105 123.7 102.0 142.0

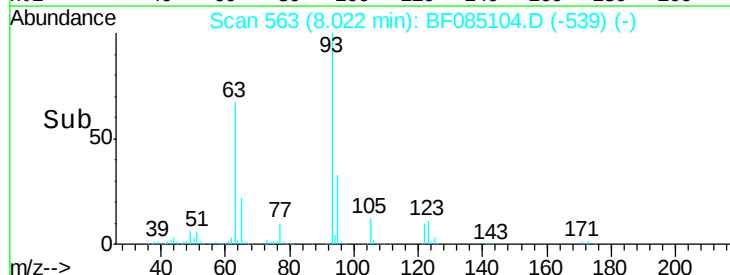
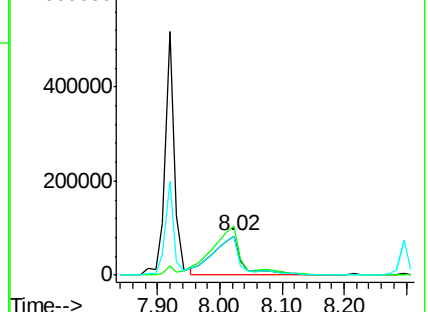
77 97.0 76.8 116.8

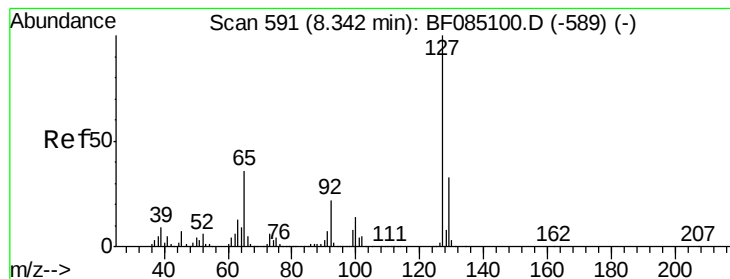


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 43.16 ng

RT: 8.34 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

Tgt Ion:127 Resp: 728870

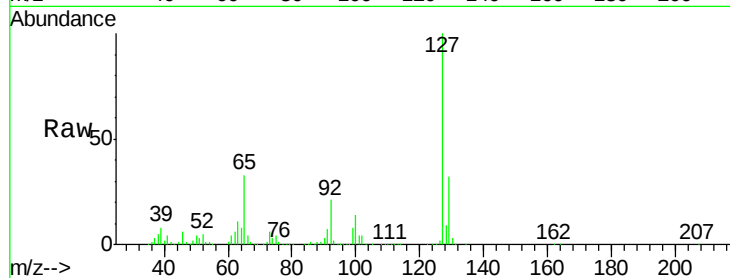
Ion Ratio Lower Upper

127 100

129 32.4 26.3 39.5

65 32.5 28.6 43.0

92 21.0 17.8 26.8

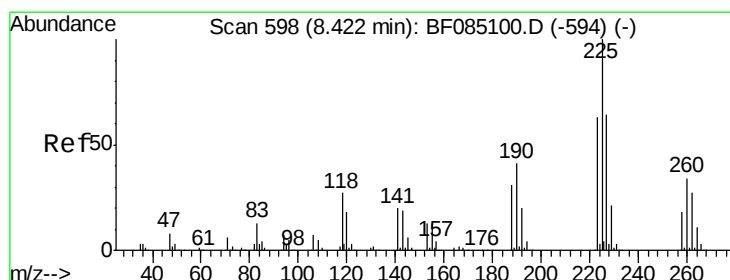
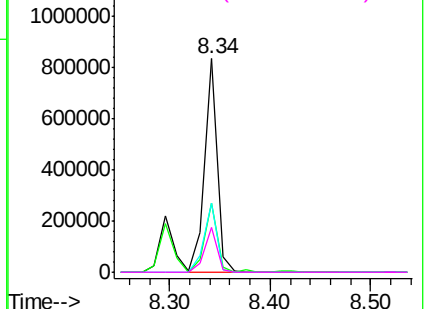
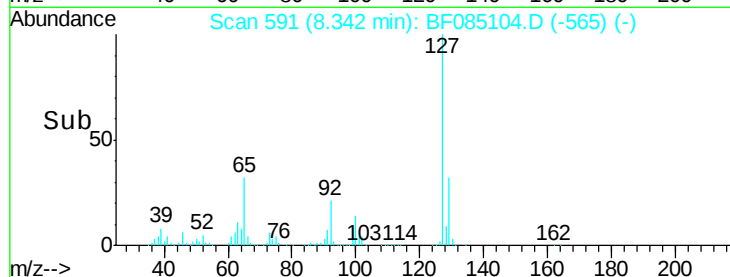


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.27 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

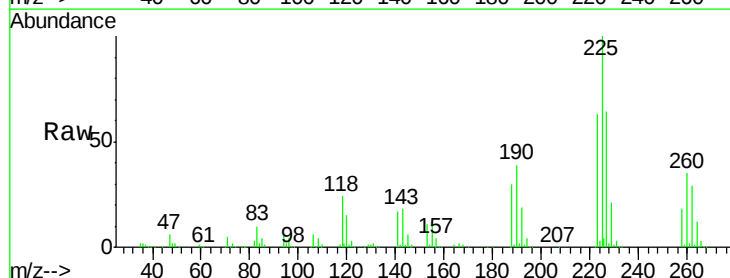
Tgt Ion:225 Resp: 306522

Ion Ratio Lower Upper

225 100

223 62.5 50.4 75.6

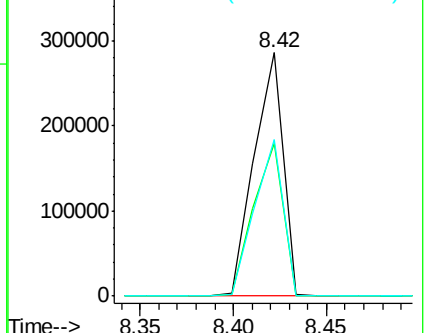
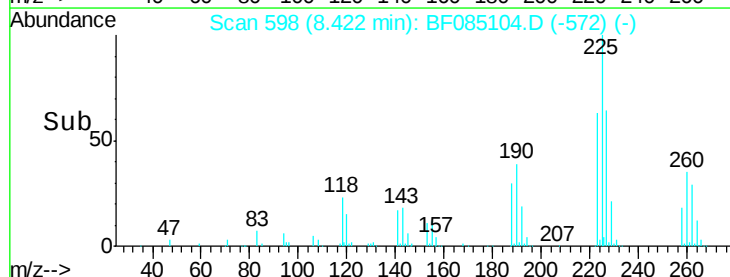
227 64.3 51.6 77.4

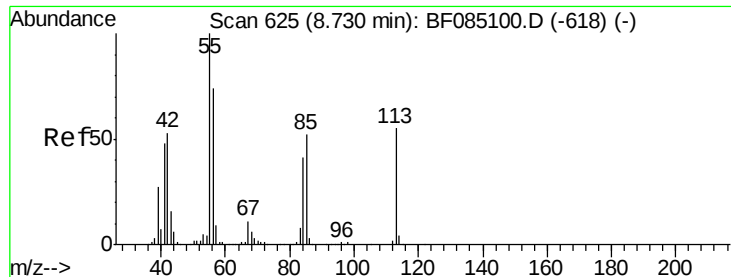


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

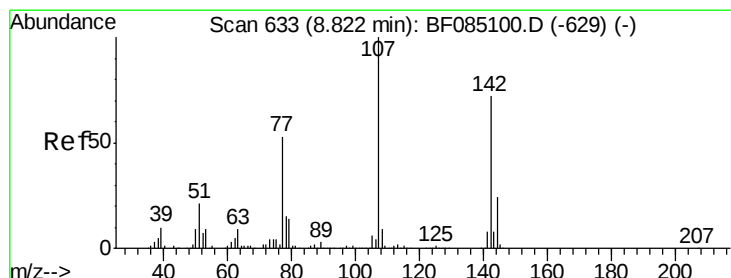
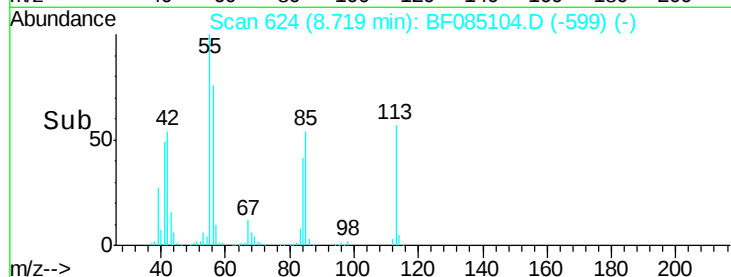
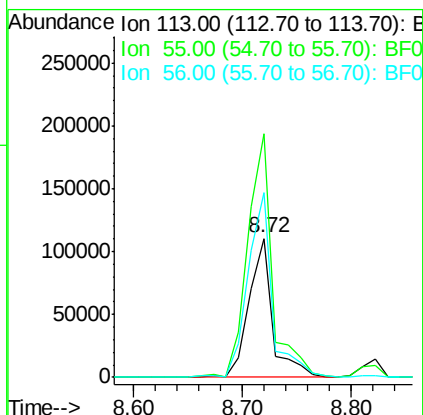
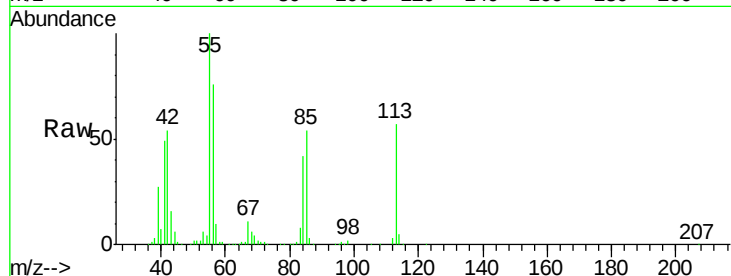




#35
 Caprolactam
 Concen: 44.38 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

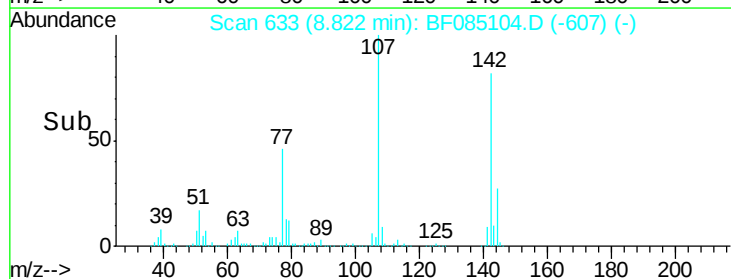
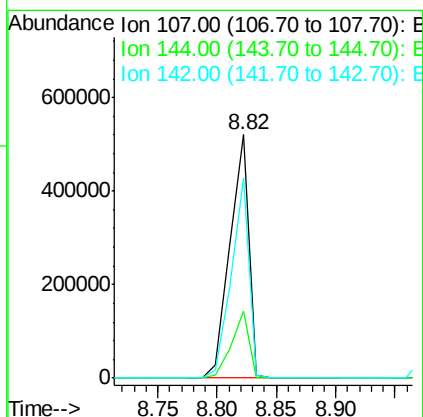
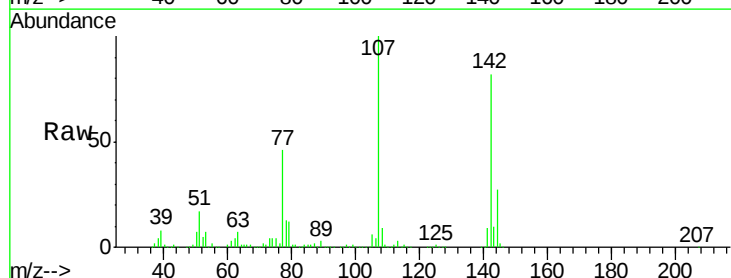
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

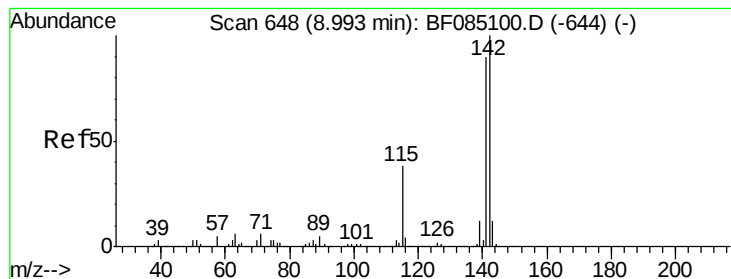
Tgt Ion:113 Resp: 166957
 Ion Ratio Lower Upper
 113 100
 55 175.1 162.9 202.9
 56 132.4 114.5 154.5



#36
 4-Chloro-3-methylphenol
 Concen: 44.39 ng
 RT: 8.82 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:107 Resp: 576448
 Ion Ratio Lower Upper
 107 100
 144 27.4 18.9 28.3
 142 82.1 57.9 86.9

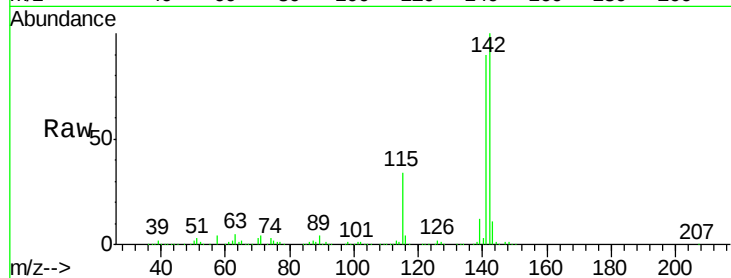




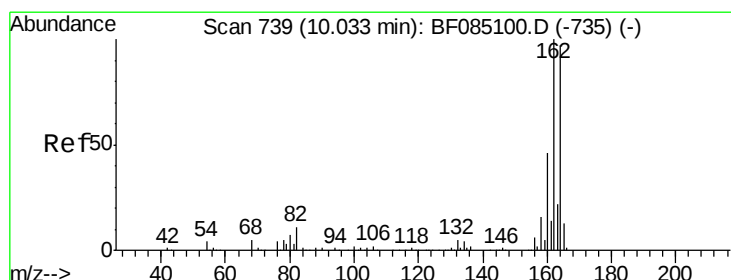
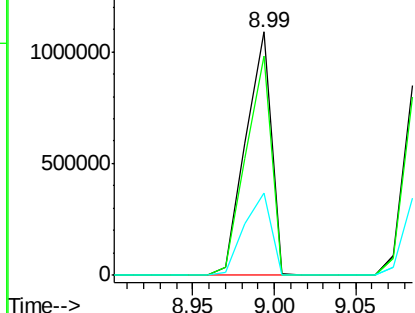
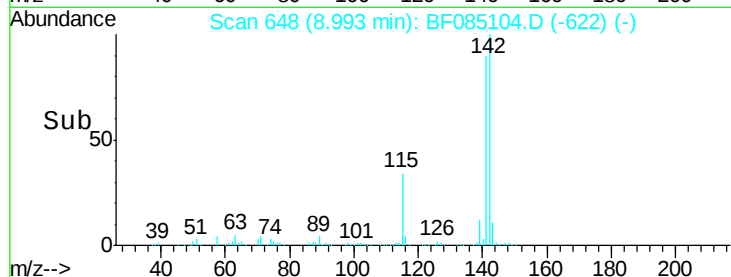
#37
 2-Methylnaphthalene
 Concen: 45.23 ng
 RT: 8.99 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:142 Resp: 1181266
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.7 107.5
 115 33.9 30.1 45.1

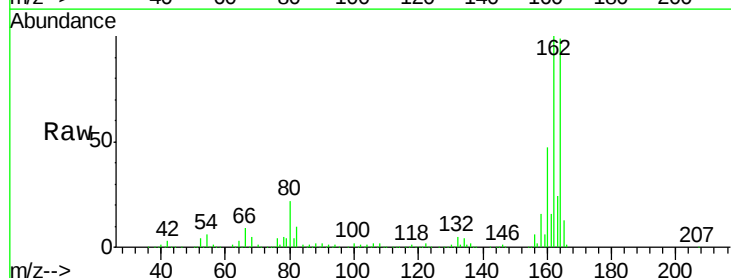


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

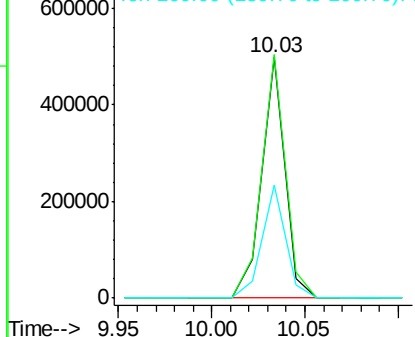
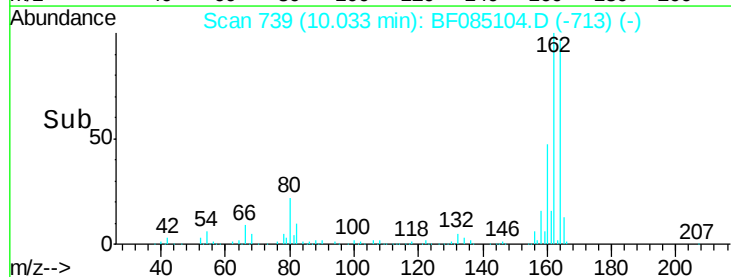


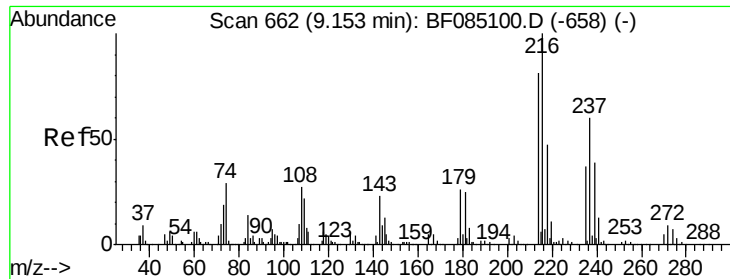
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:164 Resp: 425165
 Ion Ratio Lower Upper
 164 100
 162 101.1 82.6 123.8
 160 47.1 38.2 57.2



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

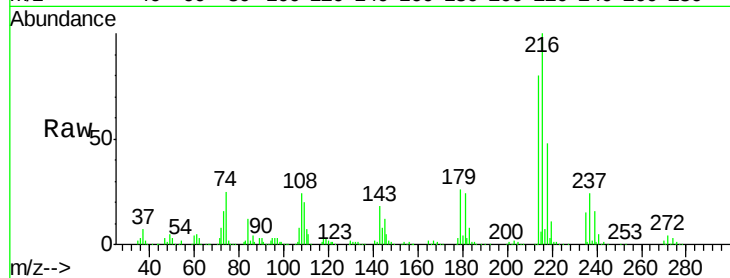




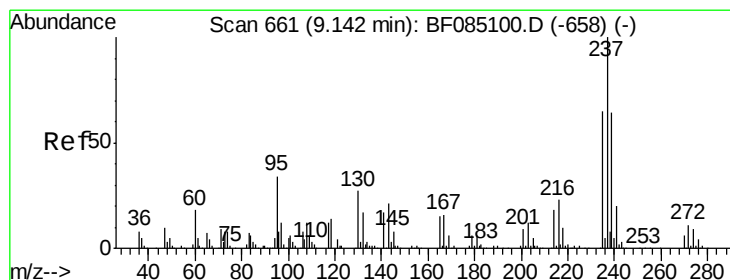
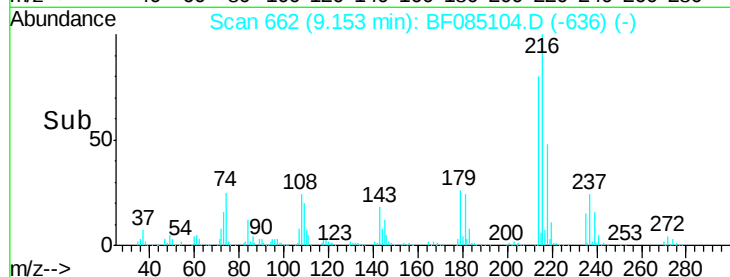
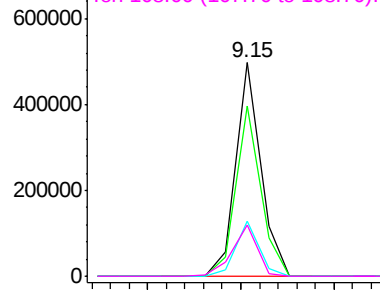
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.17 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:	216	Resp:	460503
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.7	95.5
179	23.8	18.1	27.1
108	23.9	17.1	25.7

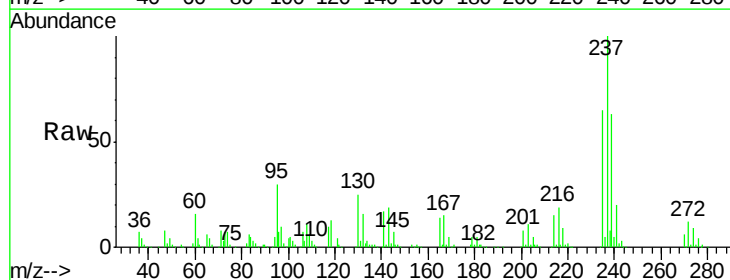


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

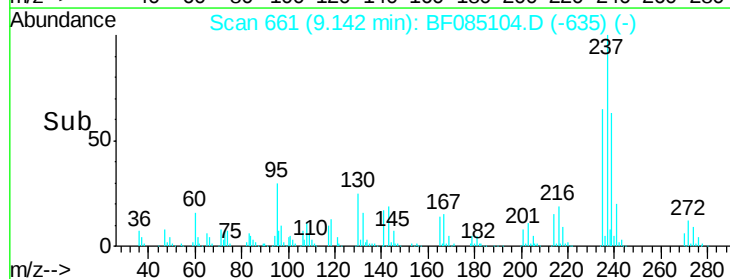
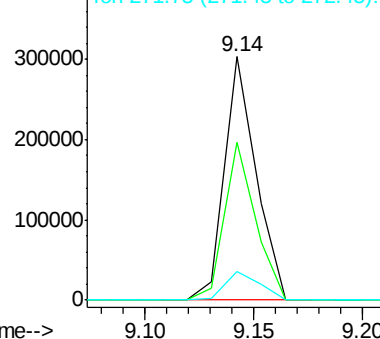


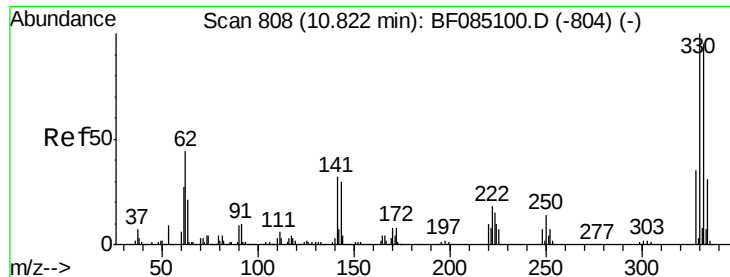
#40
 Hexachlorocyclopentadiene
 Concen: 40.91 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:	237	Resp:	304963
Ion	Ratio	Lower	Upper
237	100		
235	64.8	45.3	85.3
272	11.5	0.0	31.2



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

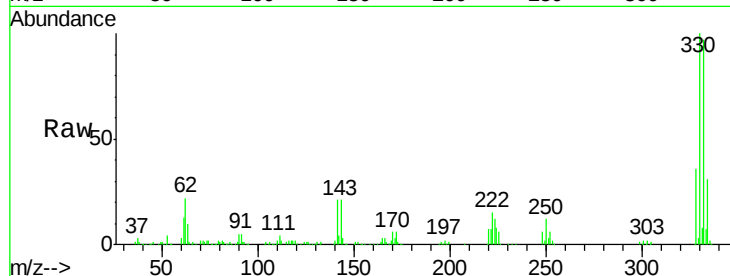




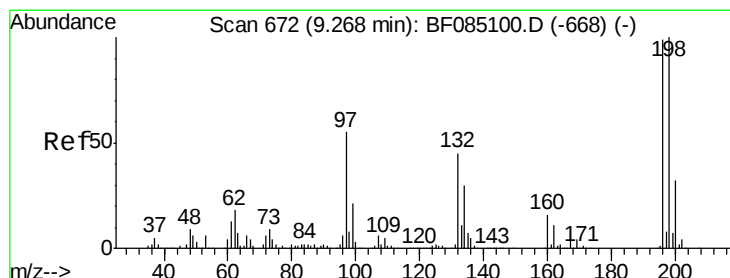
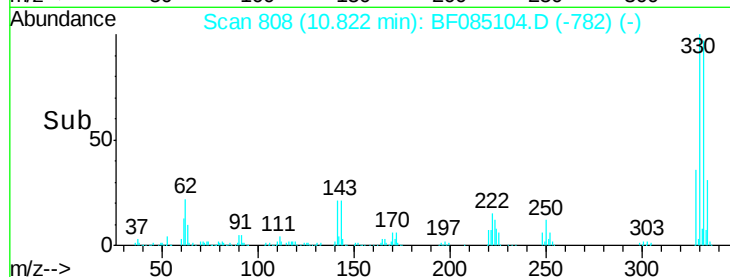
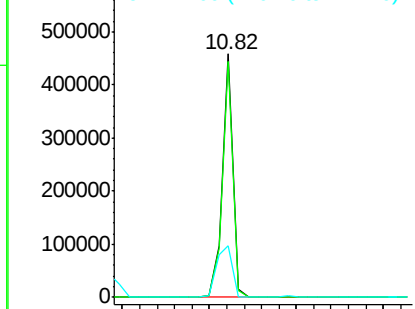
#41
 2,4,6-Tribromophenol
 Concen: 92.51 ng
 RT: 10.82 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:330 Resp: 395275
 Ion Ratio Lower Upper
 330 100
 332 96.6 75.9 113.9
 141 32.3 28.9 43.3

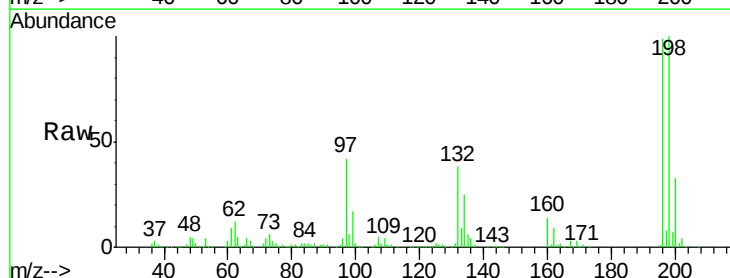


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

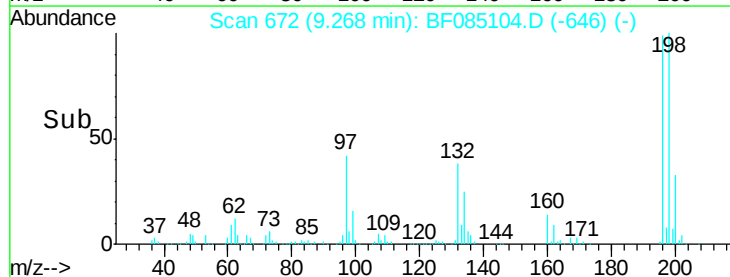
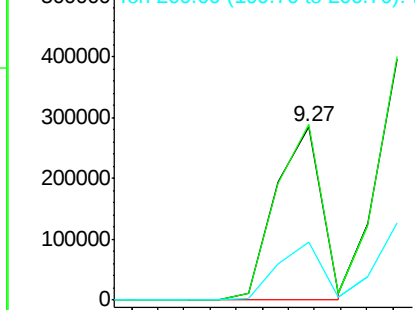


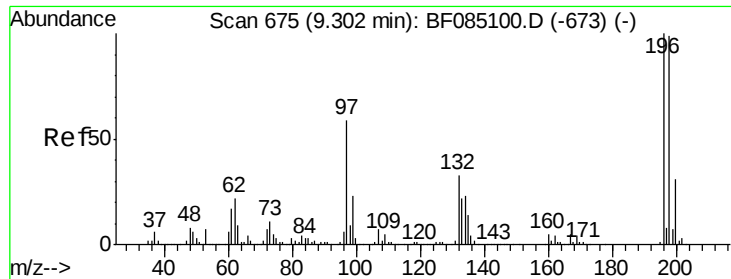
#42
 2,4,6-Trichlorophenol
 Concen: 39.01 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:196 Resp: 343902
 Ion Ratio Lower Upper
 196 100
 198 101.1 80.4 120.6
 200 33.2 25.8 38.8



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

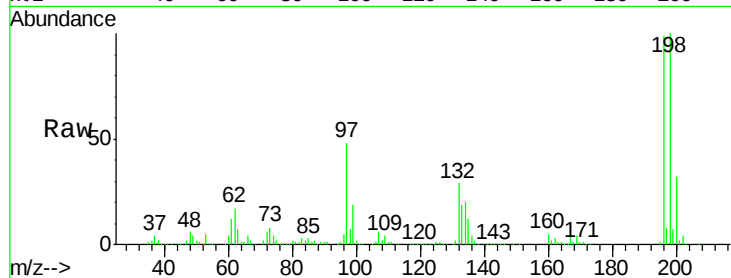




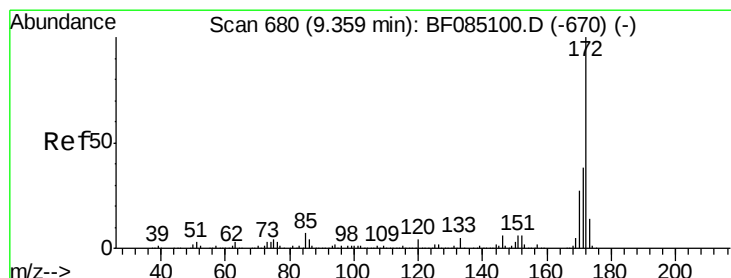
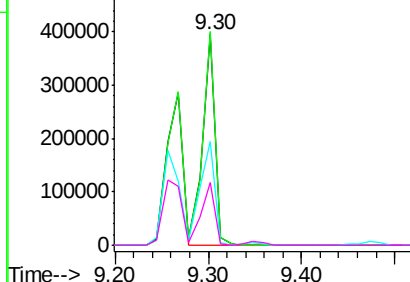
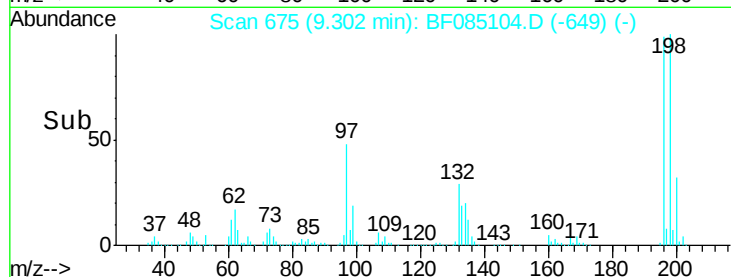
#43
 2,4,5-Trichlorophenol
 Concen: 44.00 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:196 Resp: 371708
 Ion Ratio Lower Upper
 196 100
 198 101.2 79.5 119.3
 97 49.1 47.3 70.9
 132 29.5 26.5 39.7

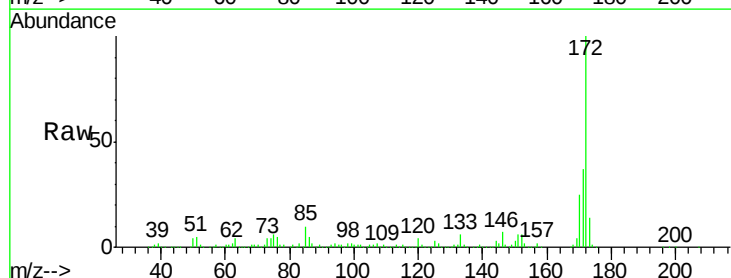


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

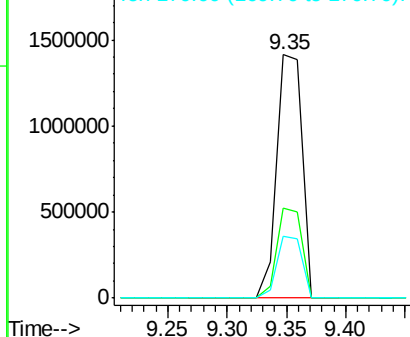
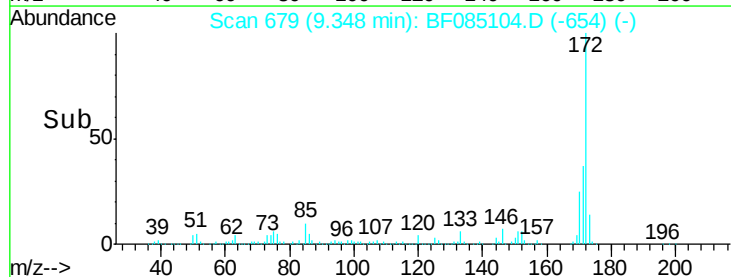


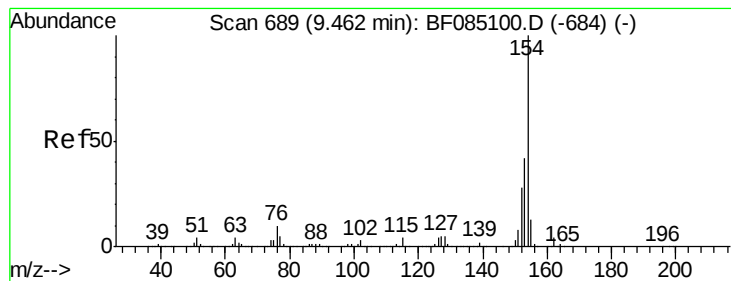
#44
 2-Fluorobiphenyl
 Concen: 74.83 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:172 Resp: 2067466
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.5 45.7
 170 25.3 21.2 31.8



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





#45

1,1'-Biphenyl

Concen: 33.92 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

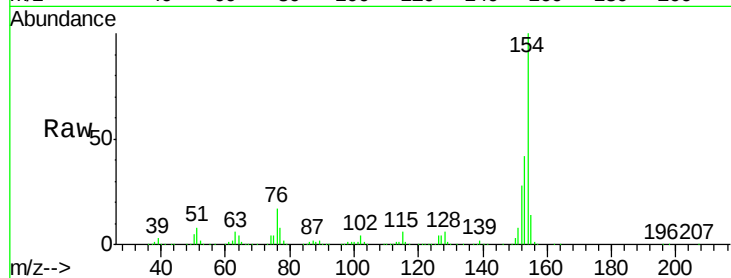
Tgt Ion:154 Resp: 1280053

Ion Ratio Lower Upper

154 100

153 41.6 21.5 61.5

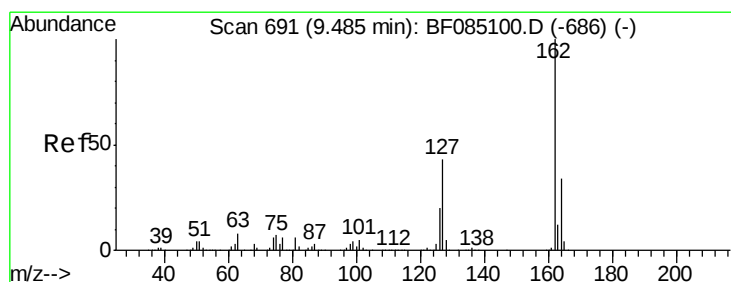
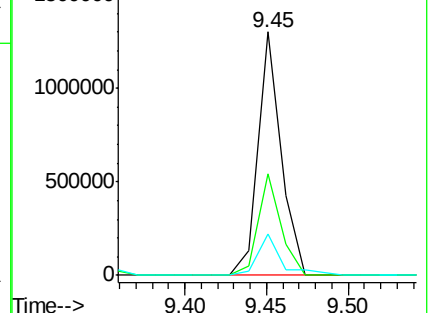
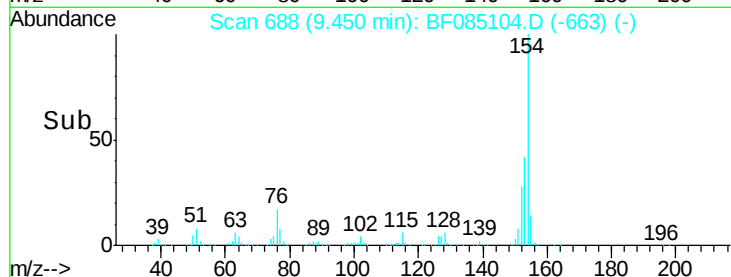
76 16.8 0.0 29.7



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: 38.40 ng

RT: 9.48 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

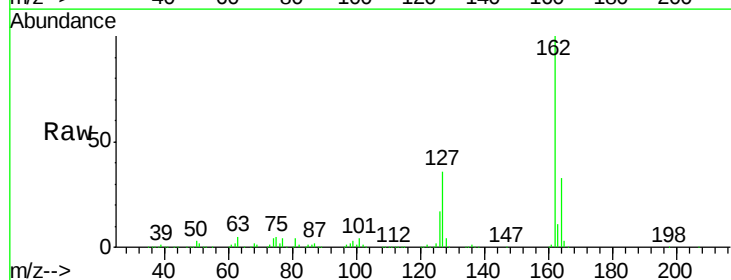
Tgt Ion:162 Resp: 1057108

Ion Ratio Lower Upper

162 100

127 36.4 34.2 51.4

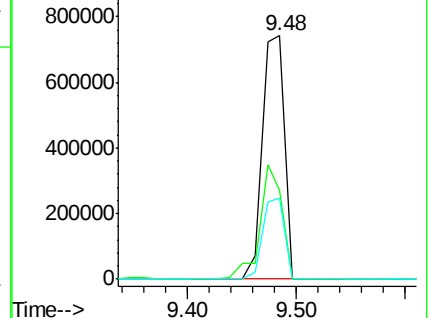
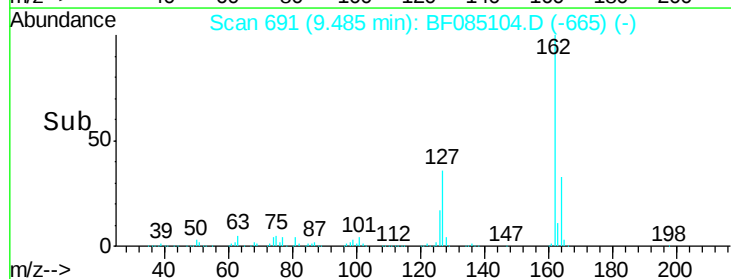
164 33.4 27.2 40.8

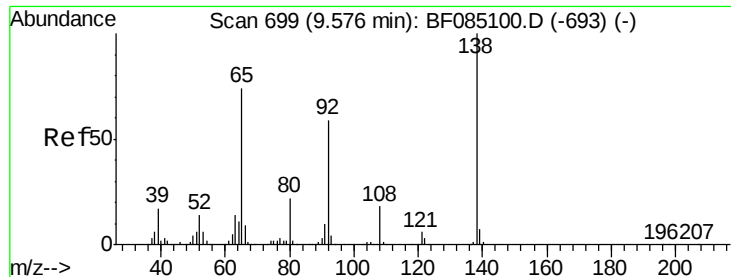


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.52 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

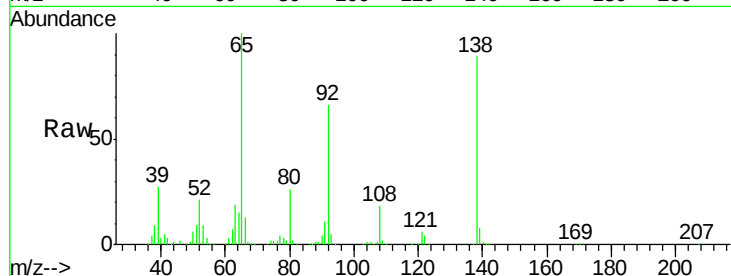
Tgt Ion: 65 Resp: 319909

Ion Ratio Lower Upper

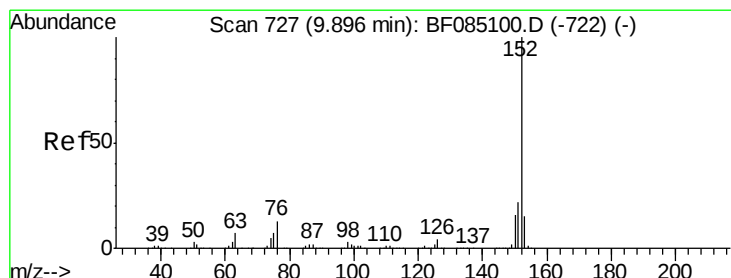
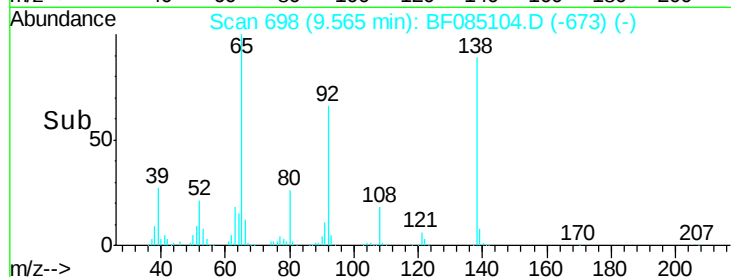
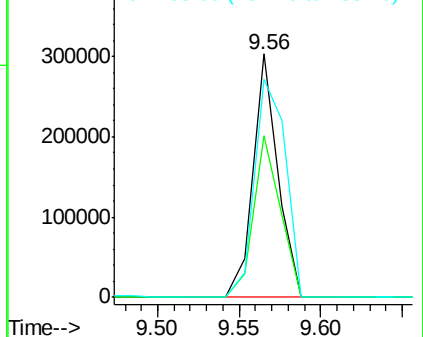
65 100

92 66.2 63.8 95.6

138 89.5 108.5 162.7#



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



#48

Acenaphthylene

Concen: 39.58 ng

RT: 9.90 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

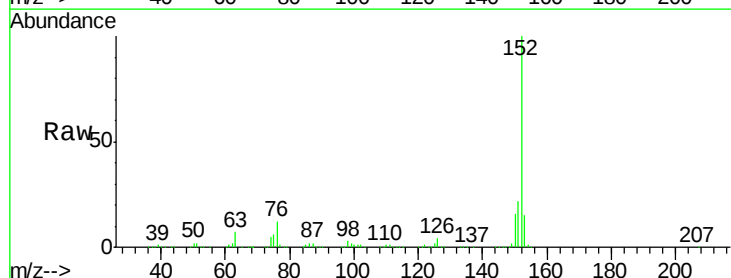
Tgt Ion: 152 Resp: 1619220

Ion Ratio Lower Upper

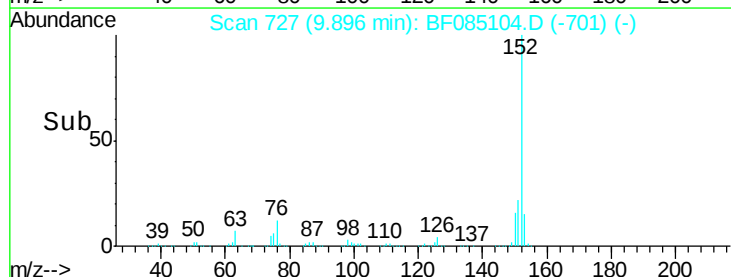
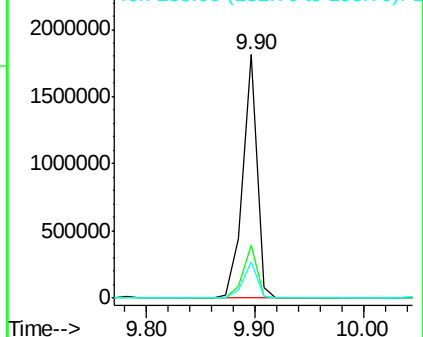
152 100

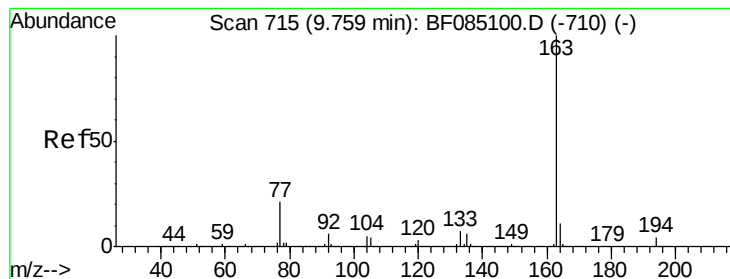
151 21.6 17.4 26.0

153 14.8 12.0 18.0



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





#49

Dimethylphthalate

Concen: 39.16 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

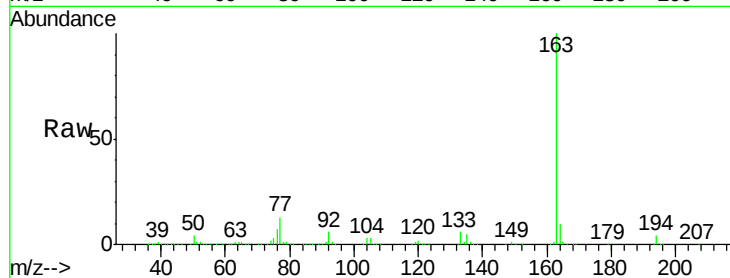
Tgt Ion:163 Resp: 1234352

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

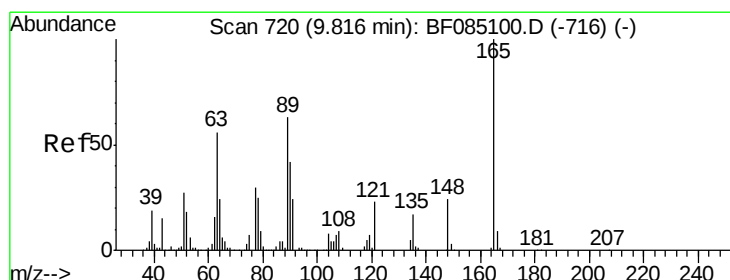
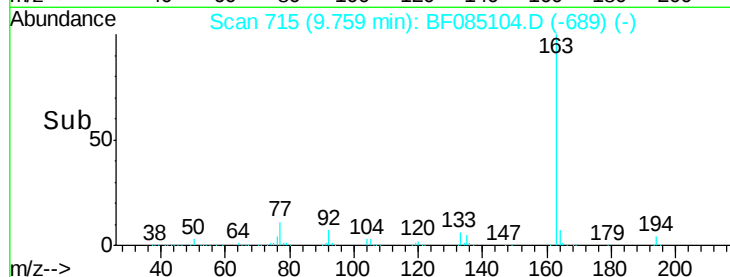
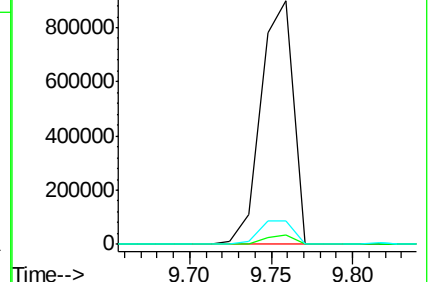
164 9.7 8.6 12.8



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: 45.44 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

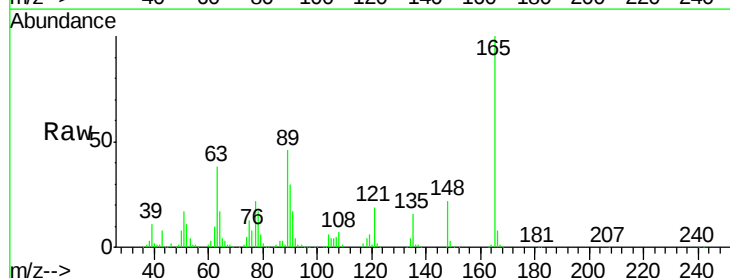
Tgt Ion:165 Resp: 297079

Ion Ratio Lower Upper

165 100

63 37.6 47.4 71.2#

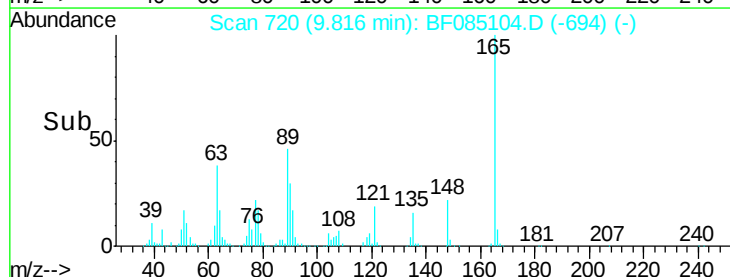
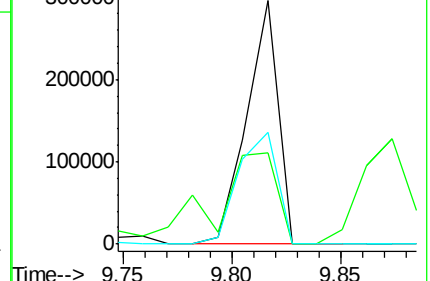
89 46.0 50.2 75.2#

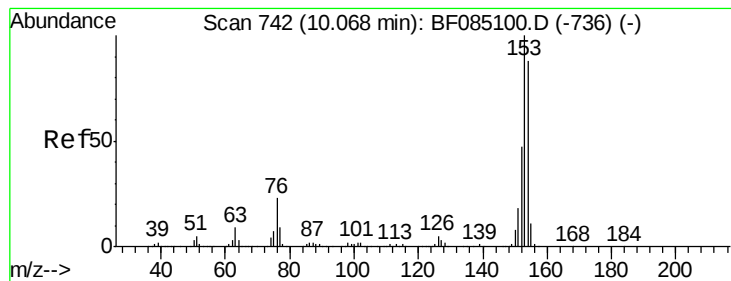


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.27 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

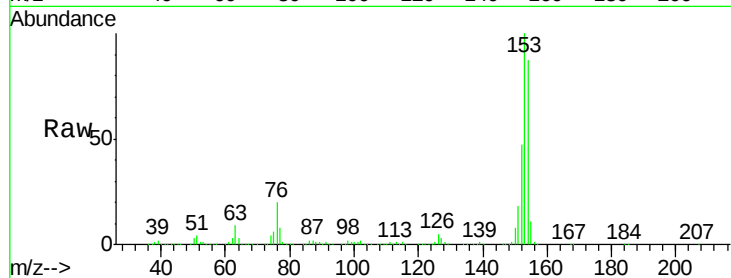
Tgt Ion:154 Resp: 1034207

Ion Ratio Lower Upper

154 100

153 114.5 91.0 136.6

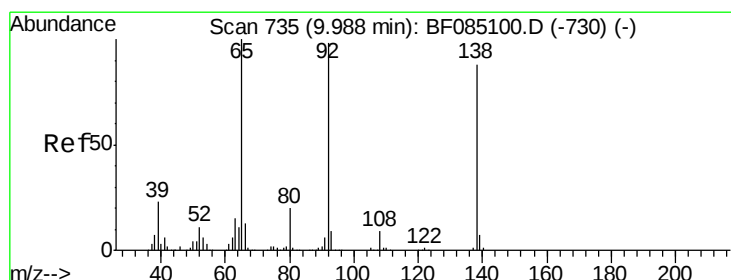
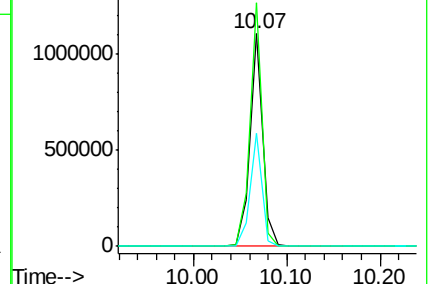
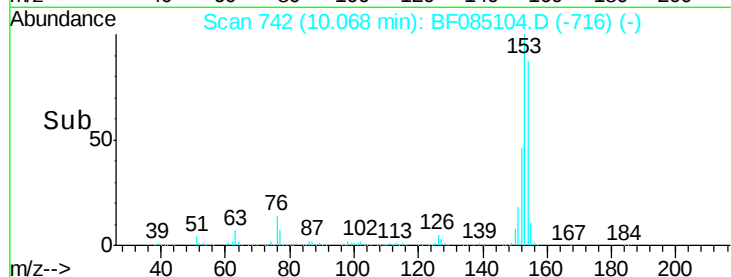
152 53.3 43.0 64.6



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: 41.22 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

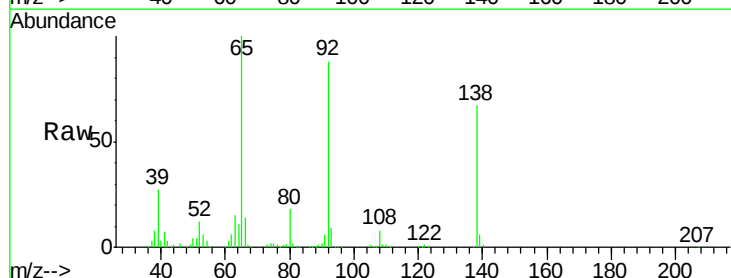
Tgt Ion:138 Resp: 320108

Ion Ratio Lower Upper

138 100

108 11.8 8.2 12.2

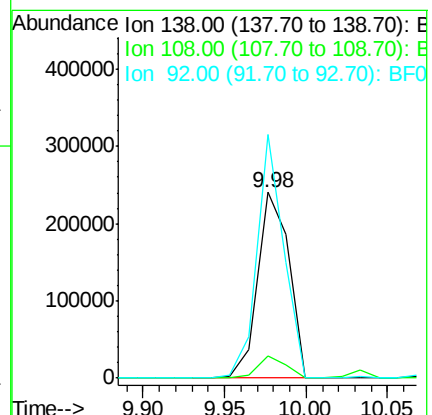
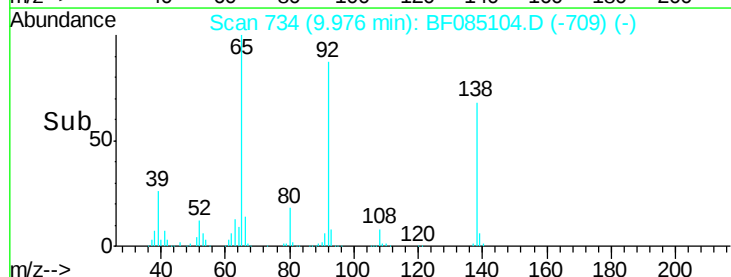
92 131.0 89.0 133.6

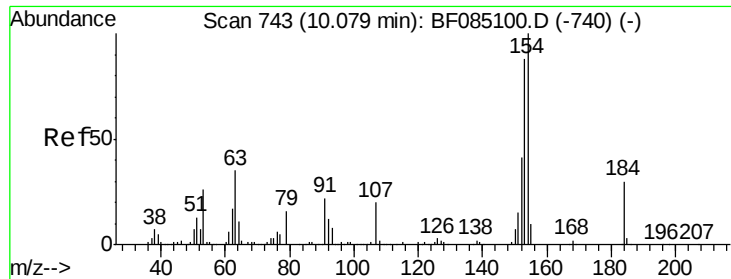


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

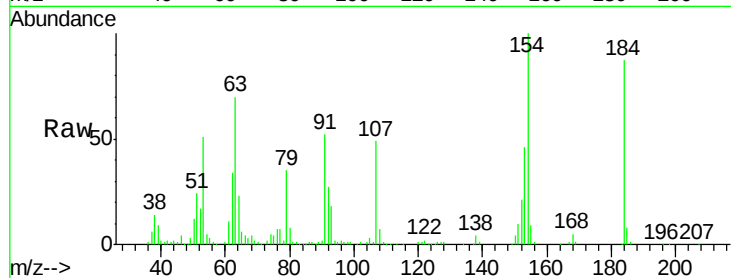




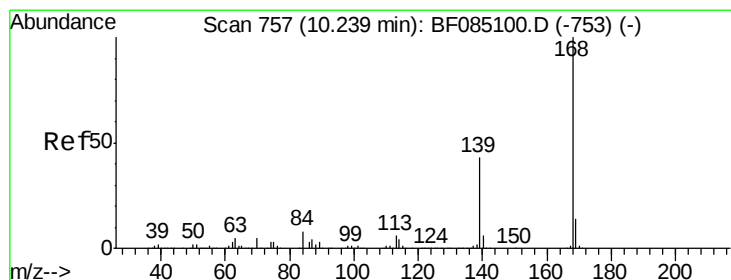
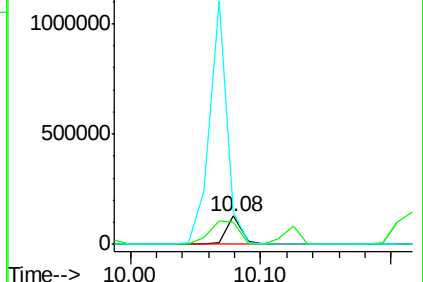
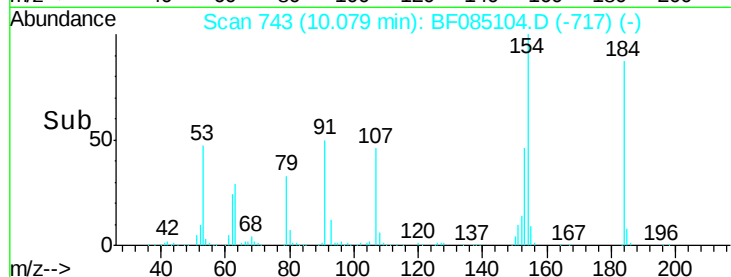
#53
2,4-Dinitrophenol
Concen: 45.73 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
ICVBF030116

Tgt Ion:184 Resp: 102640
Ion Ratio Lower Upper
184 100
63 80.4 94.0 141.0#
154 114.7 269.8 404.8#

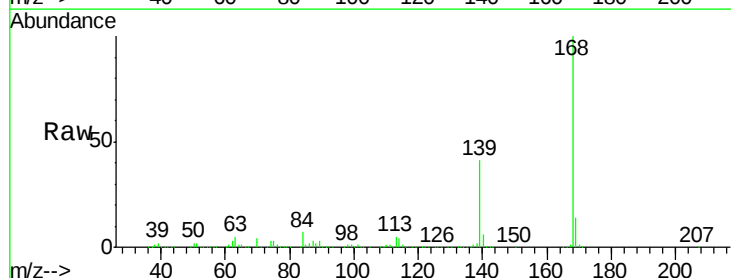


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

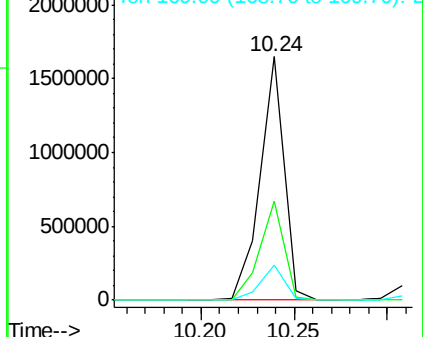
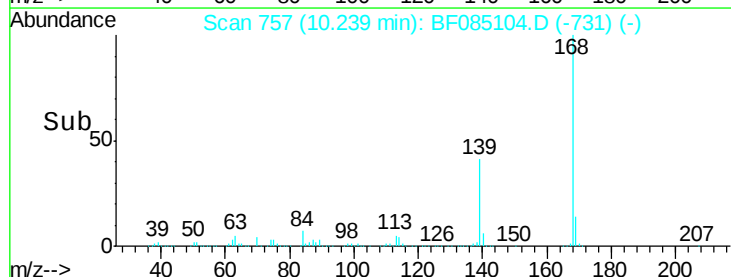


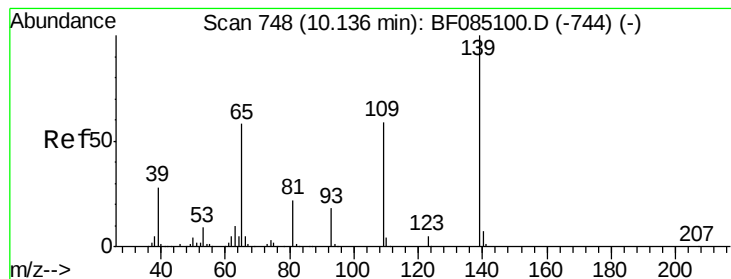
#54
Dibenzofuran
Concen: 43.80 ng
RT: 10.24 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion:168 Resp: 1460425
Ion Ratio Lower Upper
168 100
139 40.7 34.2 51.2
169 14.2 11.4 17.2



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





#55

4-Nitrophenol

Concen: 39.52 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

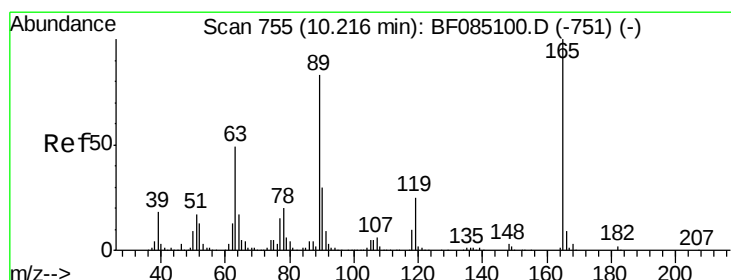
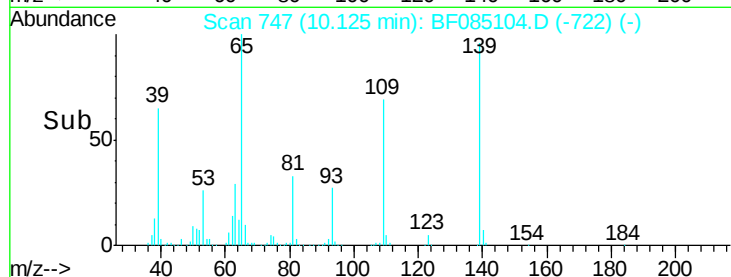
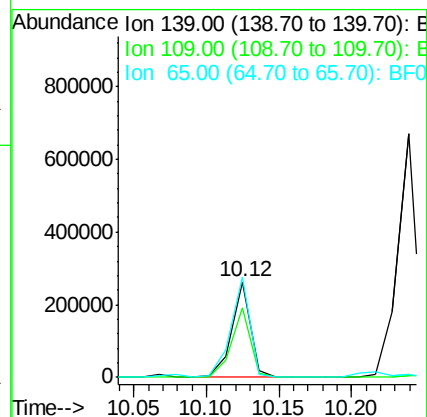
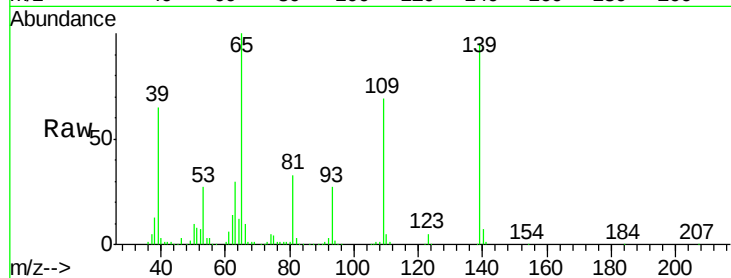
Tgt Ion:139 Resp: 235484

Ion Ratio Lower Upper

139 100

109 72.7 39.5 79.5

65 104.8 38.4 78.4#



#56

2,4-Dinitrotoluene

Concen: 46.34 ng

RT: 10.22 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Tgt Ion:165 Resp: 408166

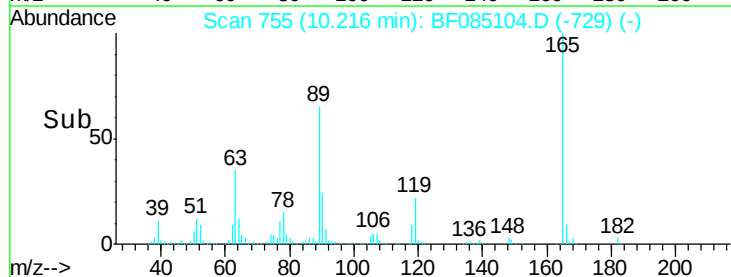
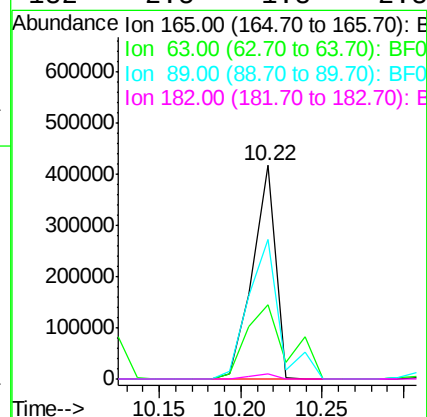
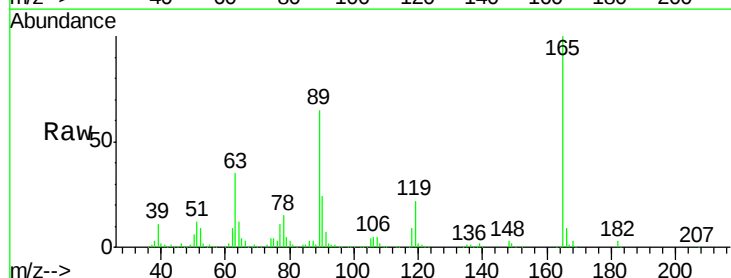
Ion Ratio Lower Upper

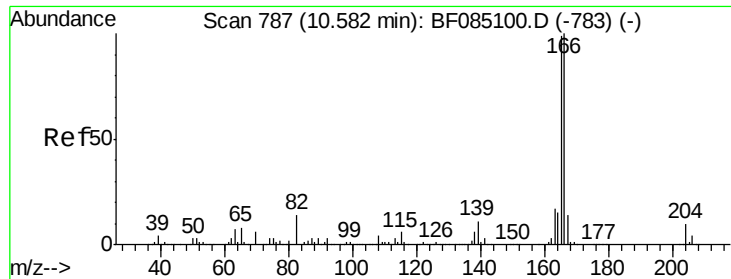
165 100

63 35.0 39.2 58.8#

89 65.5 66.2 99.4#

182 2.5 1.8 2.8

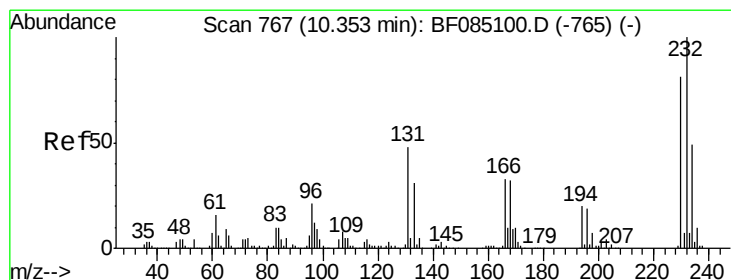
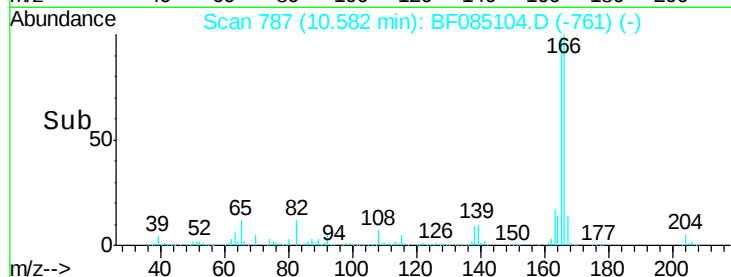
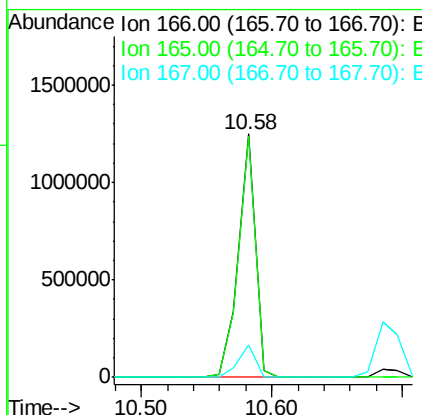
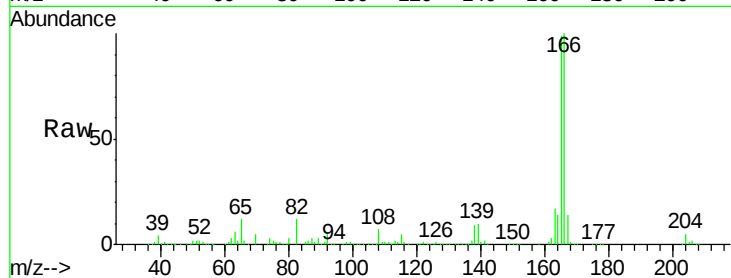




#57
Fluorene
 Concen: 46.23 ng
 RT: 10.58 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

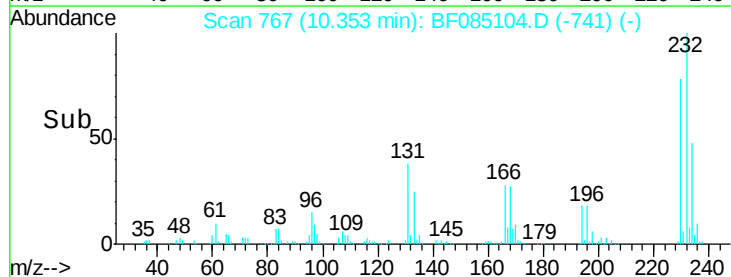
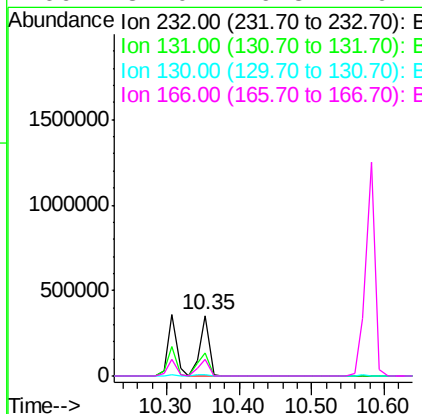
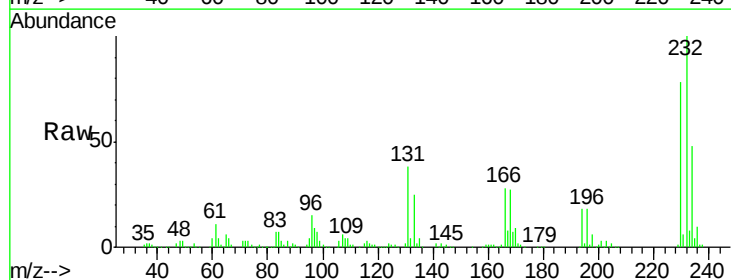
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

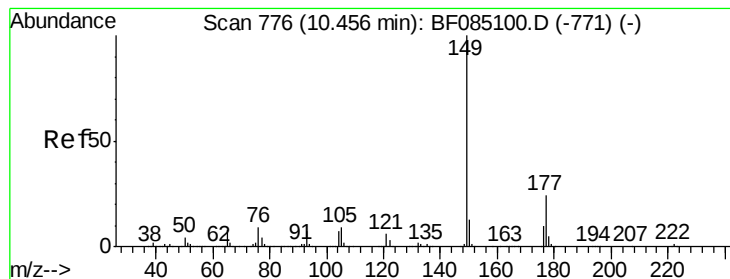
Tgt Ion:166 Resp: 1122886
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.4 119.2
 167 13.5 11.2 16.8



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.49 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:232 Resp: 316670
 Ion Ratio Lower Upper
 232 100
 131 47.3 41.6 62.4
 130 2.5 2.1 3.1
 166 31.0 26.8 40.2





#59

Diethylphthalate

Concen: 40.36 ng

RT: 10.46 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

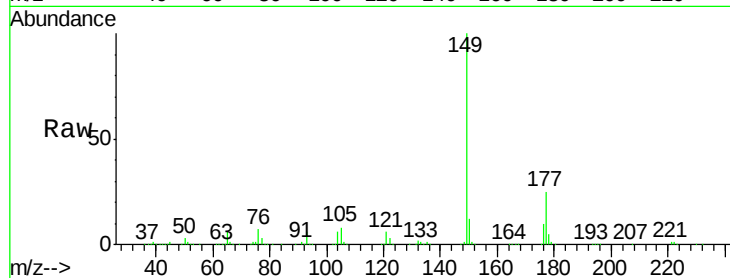
Tgt Ion:149 Resp: 1219465

Ion Ratio Lower Upper

149 100

177 25.4 19.4 29.2

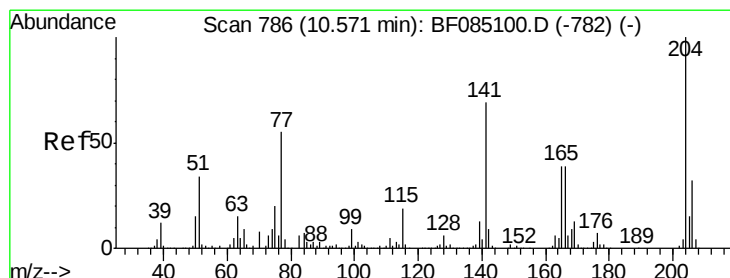
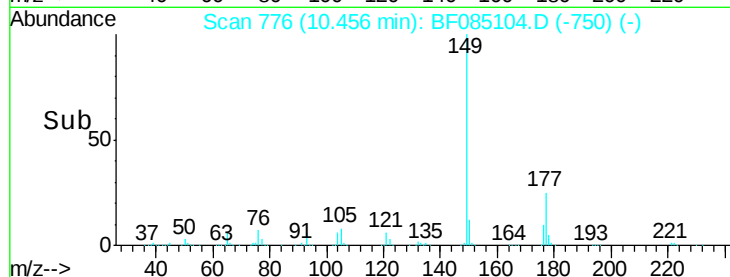
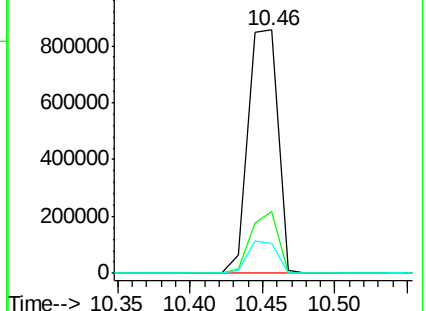
150 12.4 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.75 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

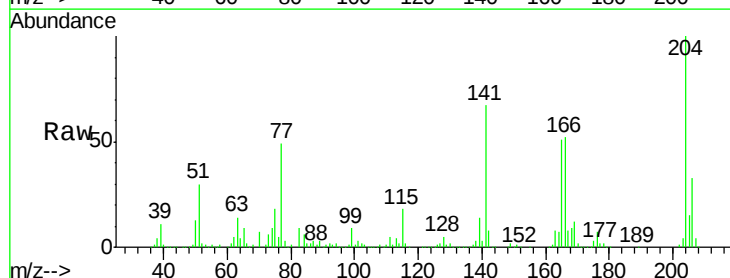
Tgt Ion:204 Resp: 523617

Ion Ratio Lower Upper

204 100

206 33.2 25.7 38.5

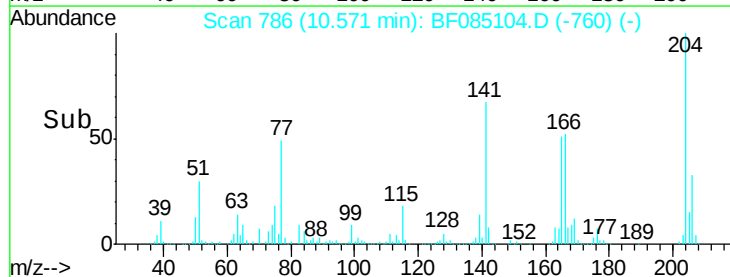
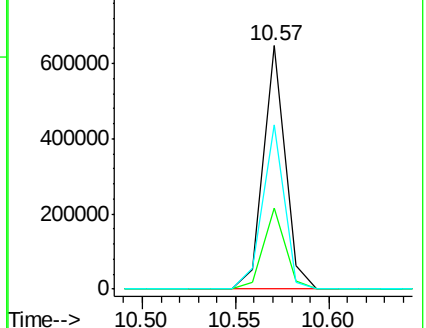
141 67.3 55.3 82.9

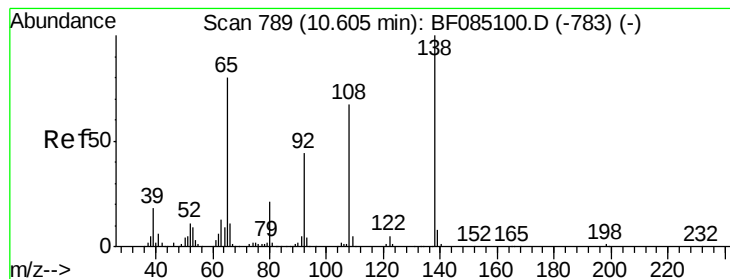


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.88 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

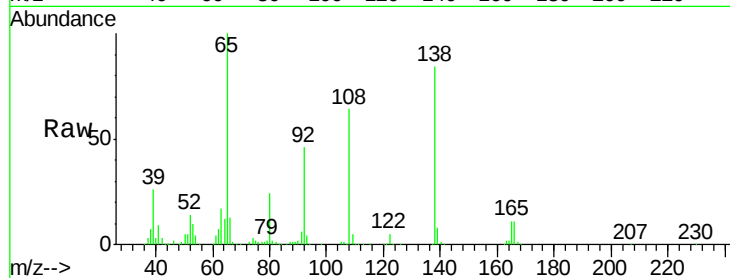
Tgt Ion:138 Resp: 292429

Ion Ratio Lower Upper

138 100

92 54.7 23.5 63.5

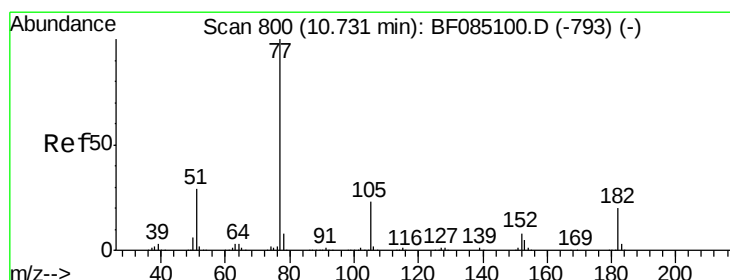
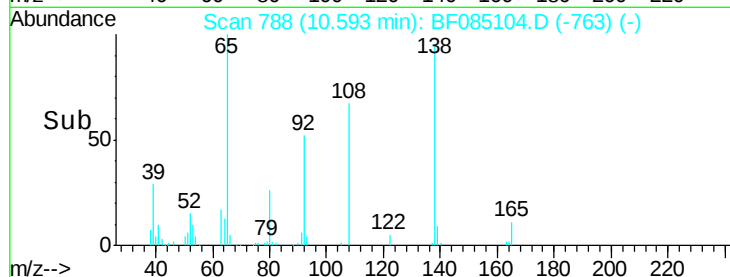
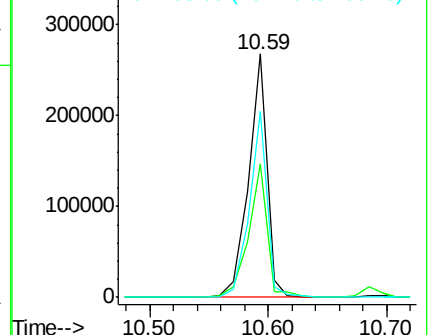
108 76.2 46.8 86.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.77 ng

RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Tgt Ion: 77 Resp: 1366561

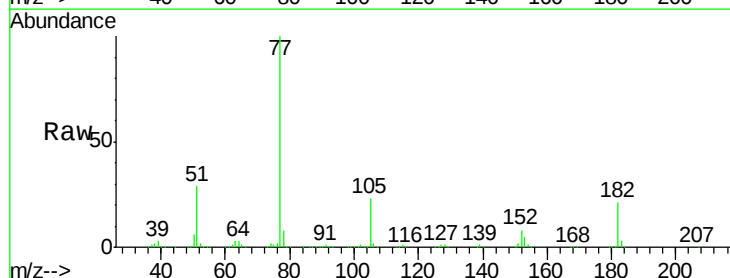
Ion Ratio Lower Upper

77 100

182 21.0 0.0 39.8

105 23.2 2.7 42.7

51 29.3 9.4 49.4

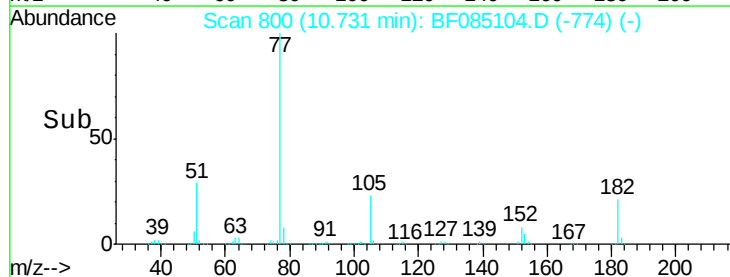
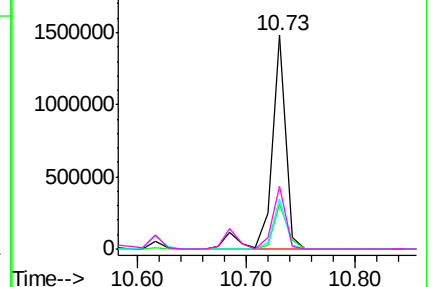


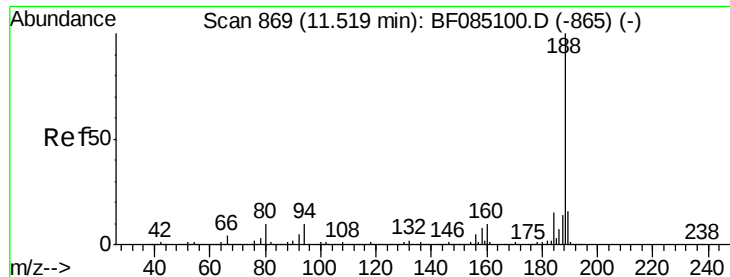
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

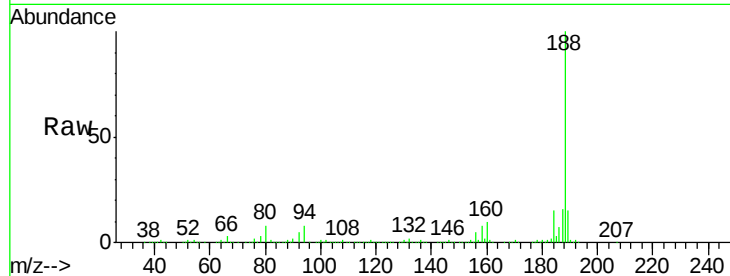




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
ICVBF030116

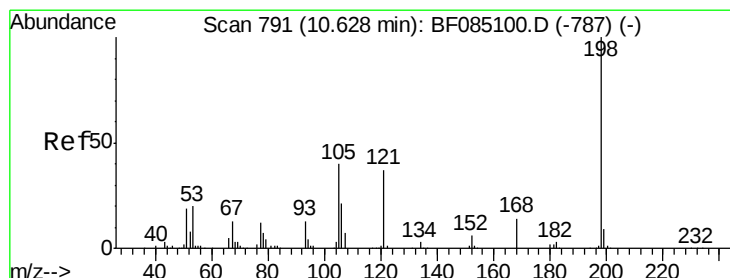
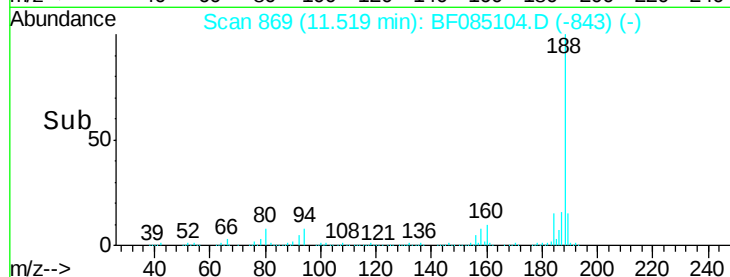
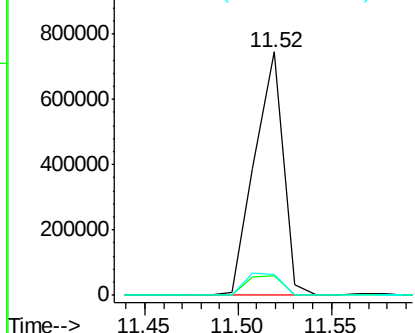
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.8	11.6
80	8.4	8.2	12.4



Abundance Ion 188.00 (187.70 to 188.70): E

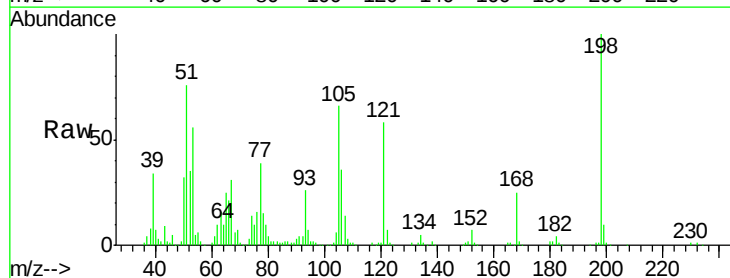
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 33.48 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

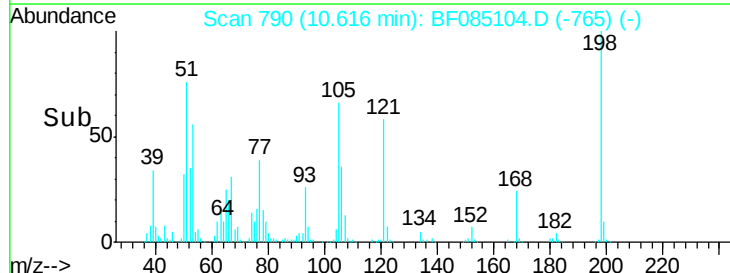
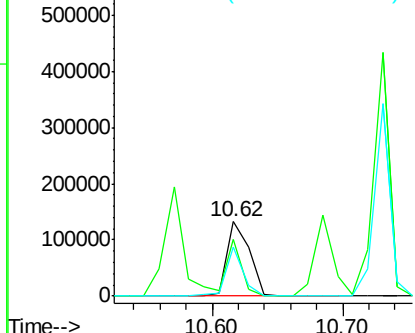
Tgt Ion	Ratio	Lower	Upper
198	100		
51	75.8	12.5	52.5#
105	66.5	20.2	60.2#

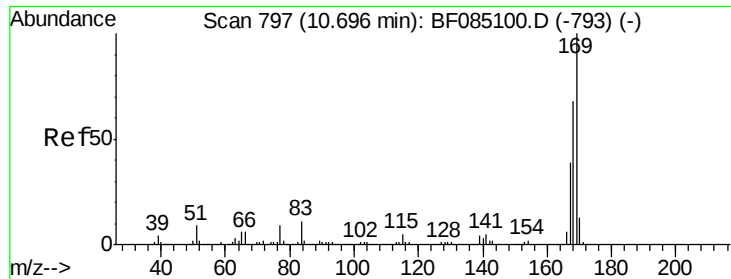


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.18 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

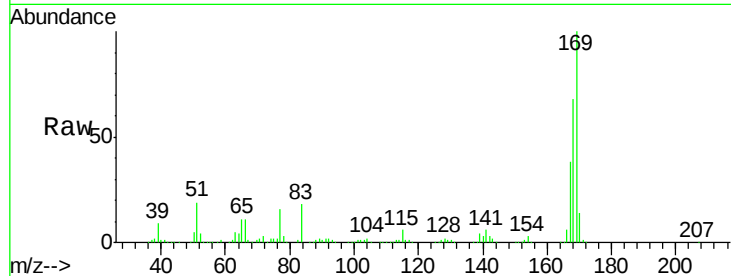
Tgt Ion:169 Resp: 970603

Ion Ratio Lower Upper

169 100

168 67.6 54.6 81.8

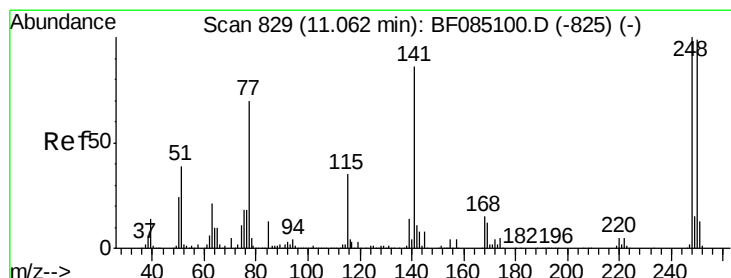
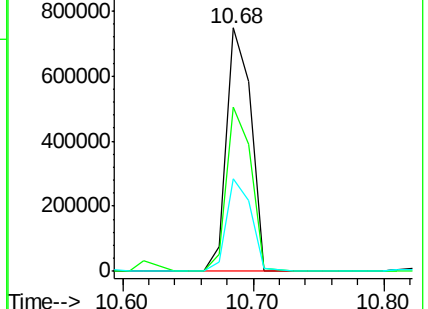
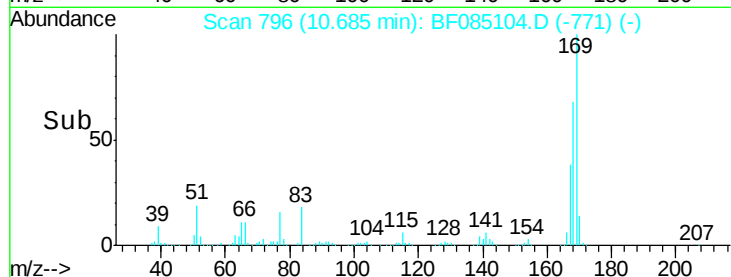
167 37.9 30.8 46.2



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: 40.41 ng

RT: 11.06 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

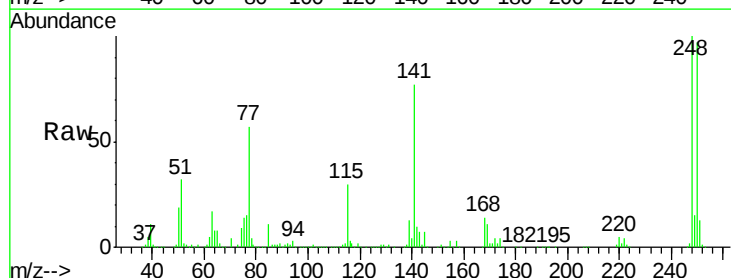
Tgt Ion:248 Resp: 342215

Ion Ratio Lower Upper

248 100

250 97.1 79.0 118.4

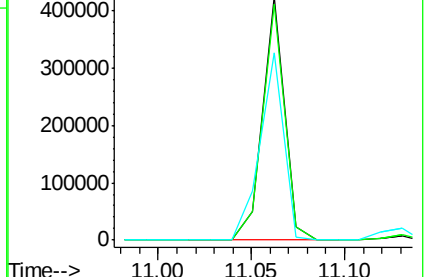
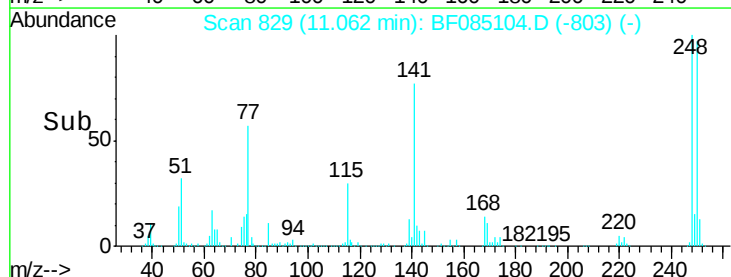
141 76.8 68.6 103.0

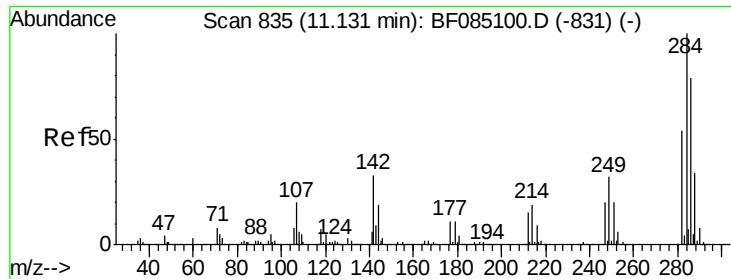


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

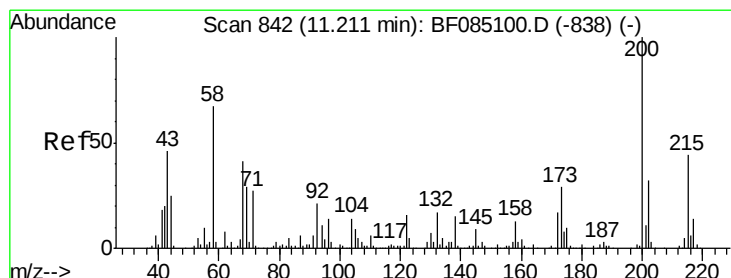
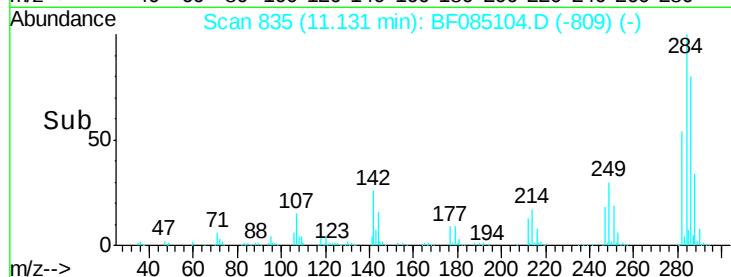
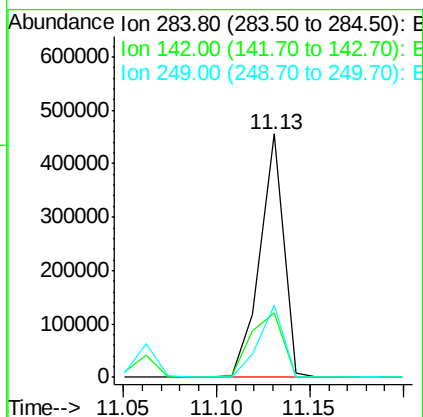
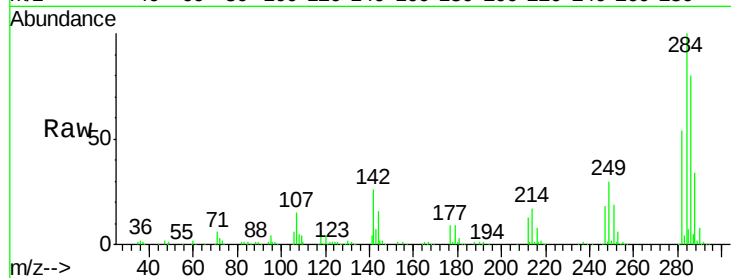




#67
Hexachlorobenzene
Concen: 41.95 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

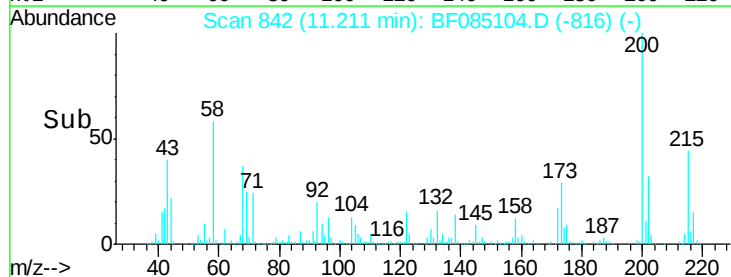
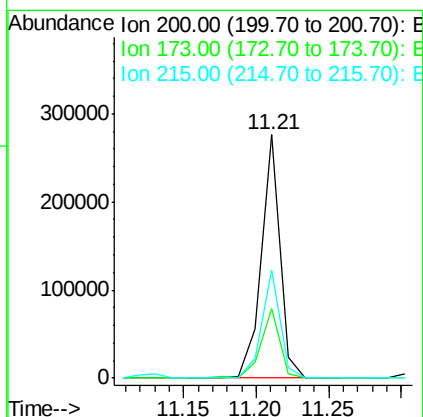
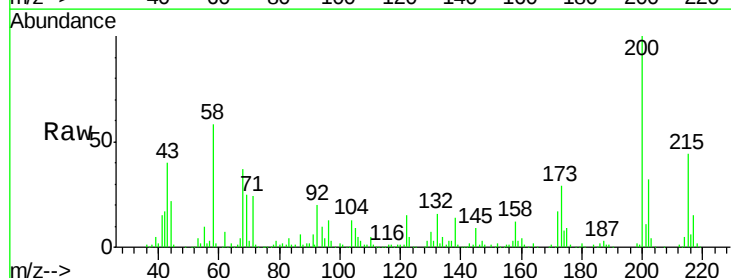
Instrument :
BNA_F
ClientSampleId :
ICVBF030116

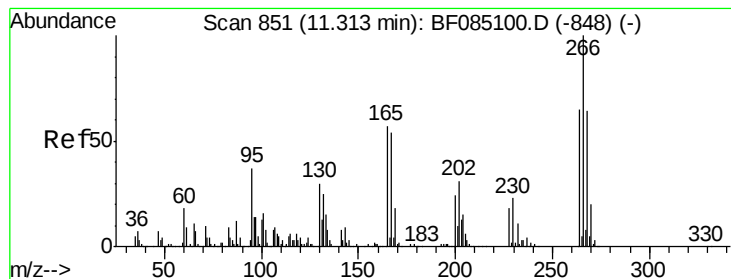
Tgt Ion:284 Resp: 400995
Ion Ratio Lower Upper
284 100
142 26.4 26.3 39.5
249 29.5 25.8 38.6



#68
Atrazine
Concen: 31.75 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion:200 Resp: 246247
Ion Ratio Lower Upper
200 100
173 28.7 9.4 49.4
215 44.2 23.6 63.6





#69

Pentachlorophenol

Concen: 39.37 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

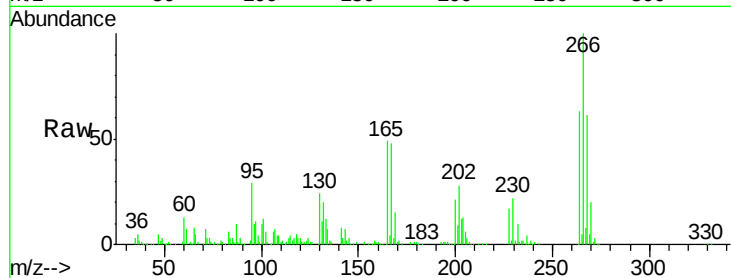
Tgt Ion:266 Resp: 223342

Ion Ratio Lower Upper

266 100

268 61.5 51.0 76.6

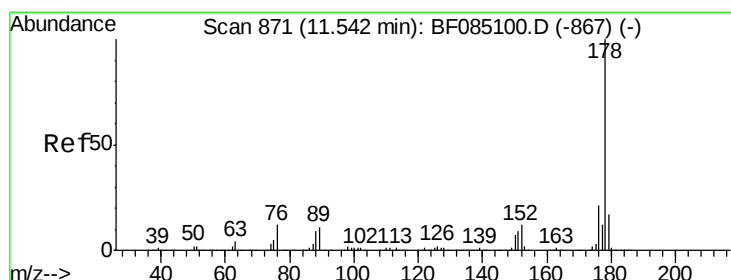
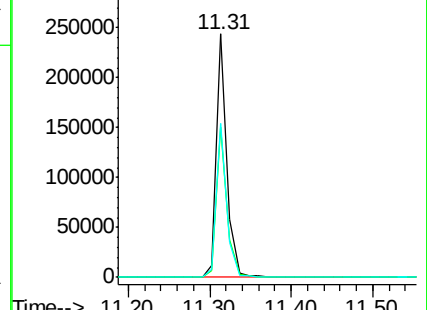
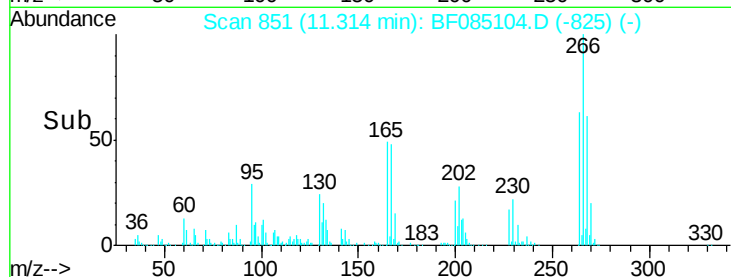
264 63.3 52.3 78.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.73 ng

RT: 11.54 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

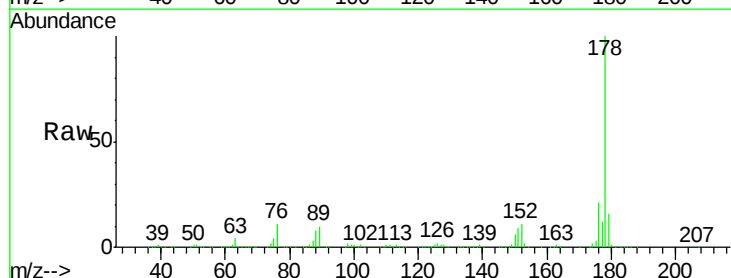
Tgt Ion:178 Resp: 1634046

Ion Ratio Lower Upper

178 100

176 21.1 17.0 25.6

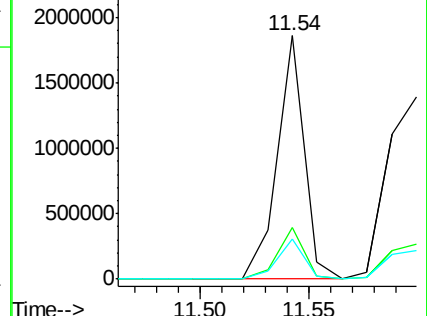
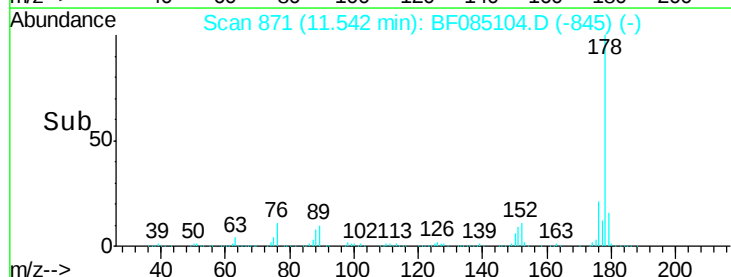
179 16.3 13.3 19.9

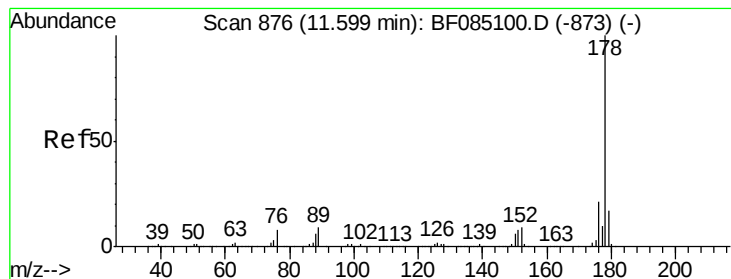


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.07 ng

RT: 11.60 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

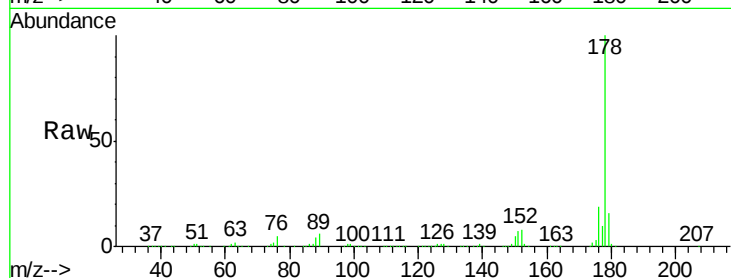
Tgt Ion:178 Resp: 1760385

Ion Ratio Lower Upper

178 100

176 19.4 16.6 25.0

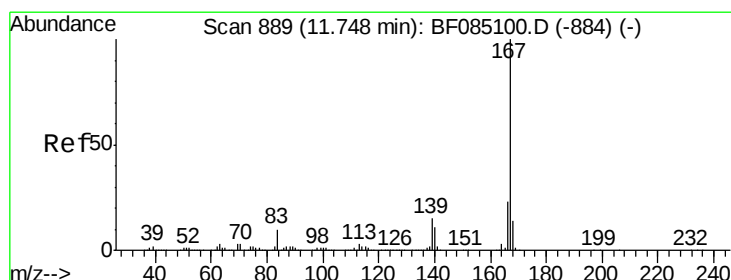
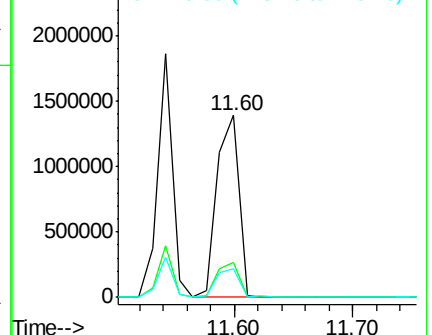
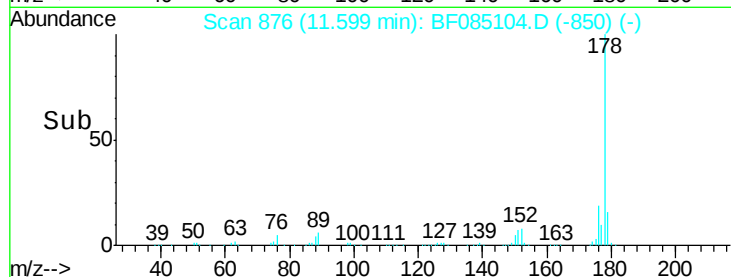
179 15.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.03 ng

RT: 11.75 min Scan# 889

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

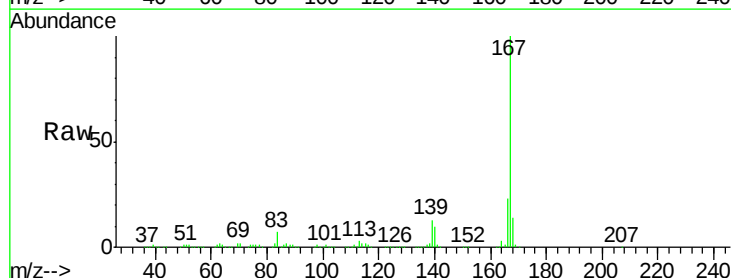
Tgt Ion:167 Resp: 1687341

Ion Ratio Lower Upper

167 100

166 22.8 18.6 28.0

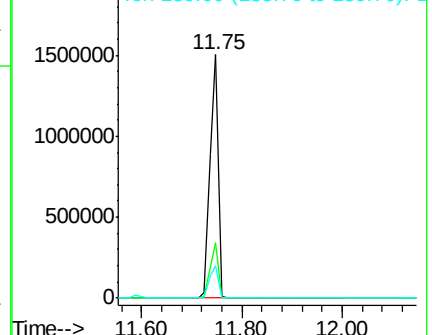
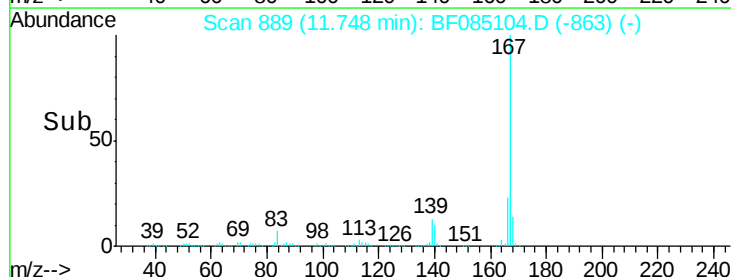
139 13.5 11.8 17.8

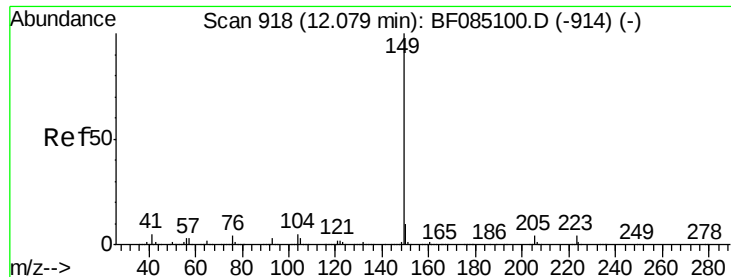


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.09 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

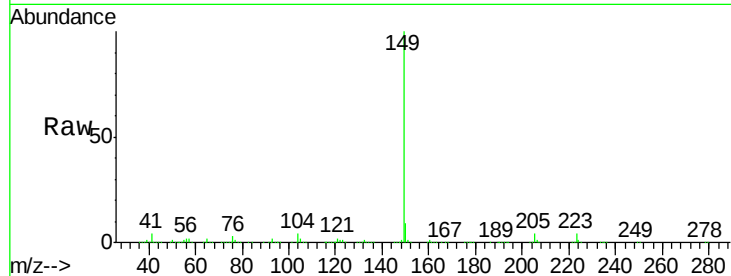
Tgt Ion:149 Resp: 1823982

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

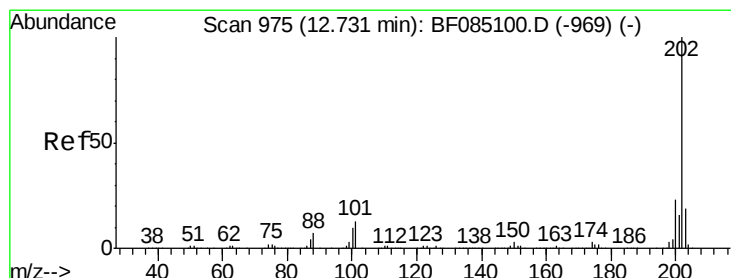
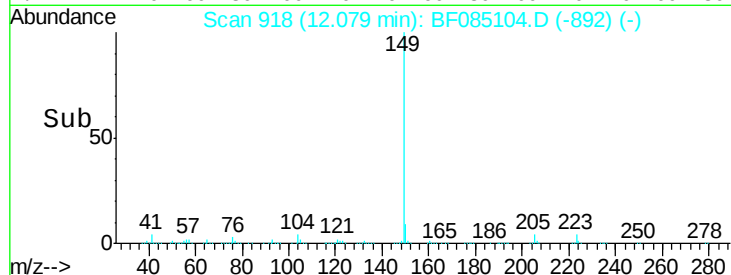
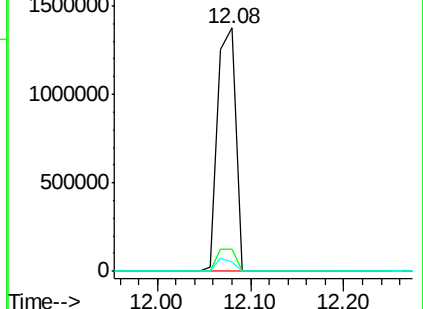
104 4.0 3.7 5.5



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: 42.23 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

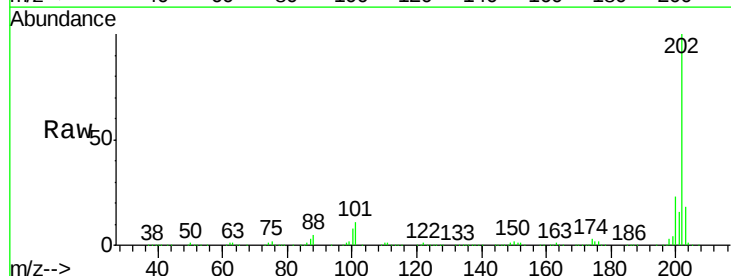
Tgt Ion:202 Resp: 1859384

Ion Ratio Lower Upper

202 100

101 10.9 0.0 33.2

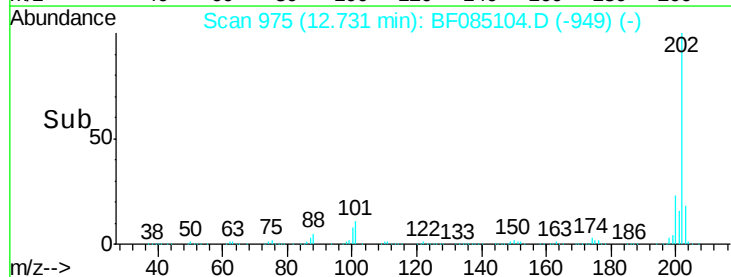
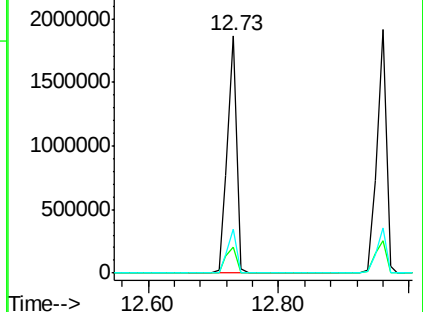
203 18.4 0.0 38.6

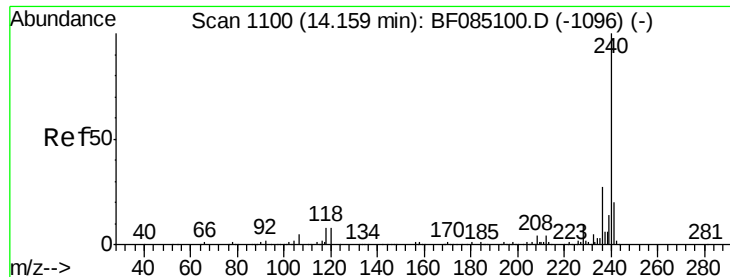


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

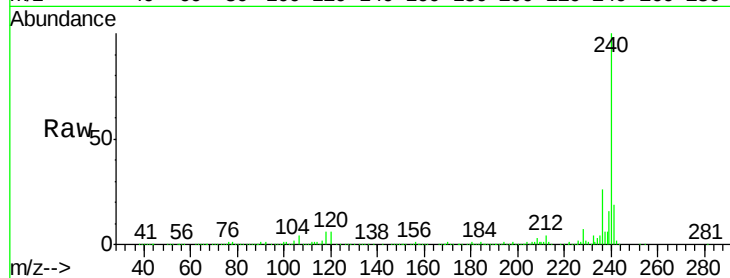
Tgt Ion:240 Resp: 623527

Ion Ratio Lower Upper

240 100

120 6.3 6.7 10.1#

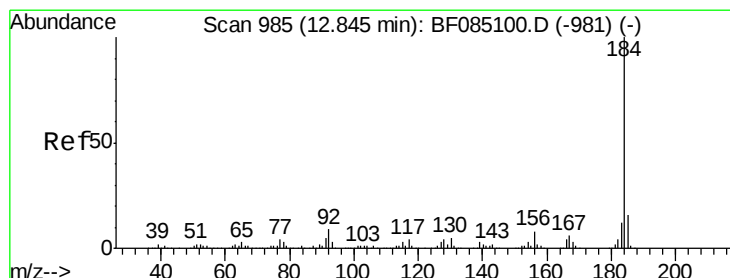
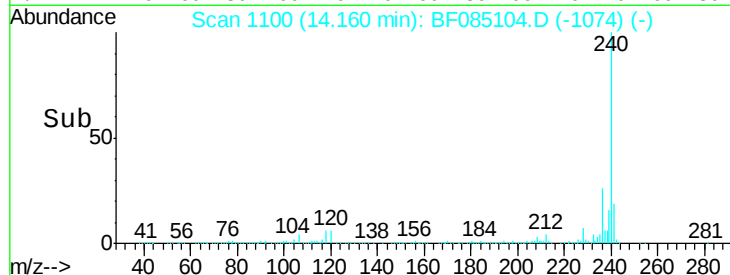
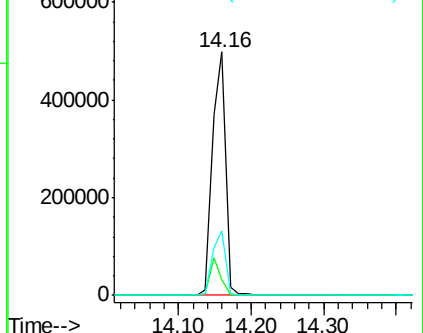
236 26.4 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.54 ng

RT: 12.85 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

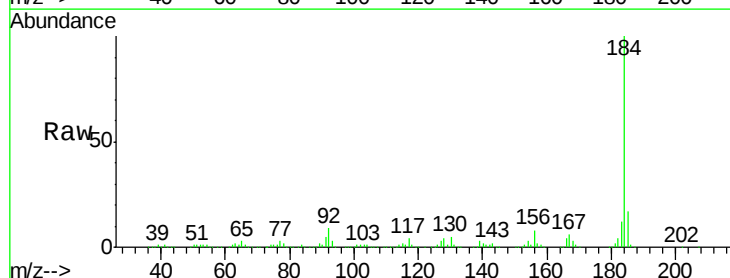
Tgt Ion:184 Resp: 773251

Ion Ratio Lower Upper

184 100

185 17.3 12.6 18.8

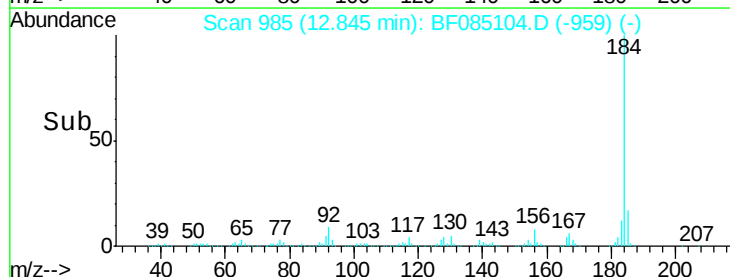
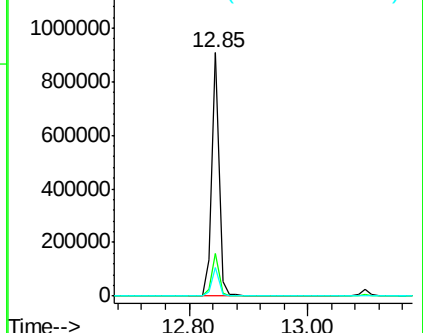
183 11.9 9.5 14.3

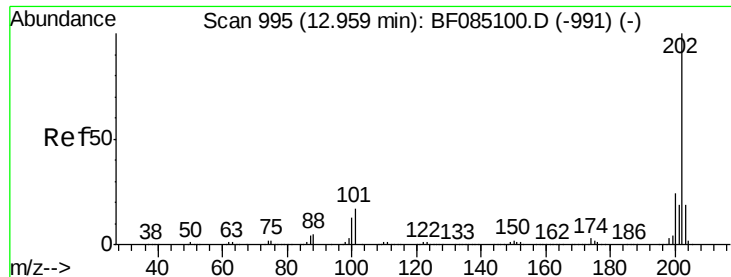


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

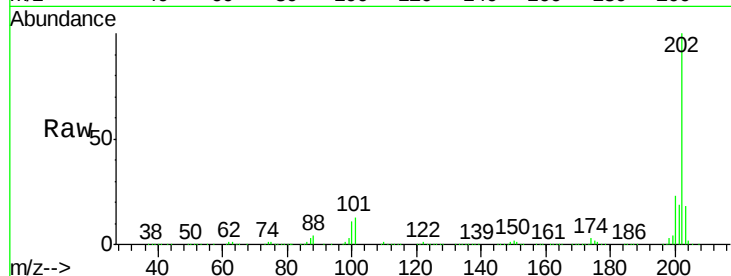




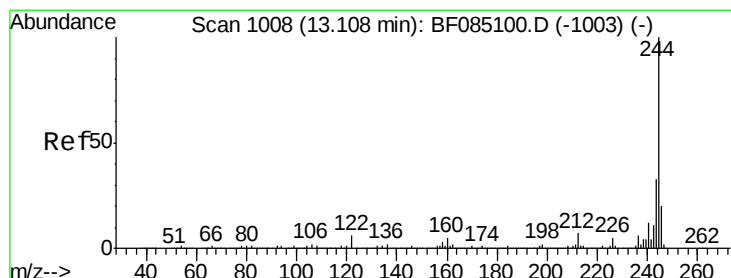
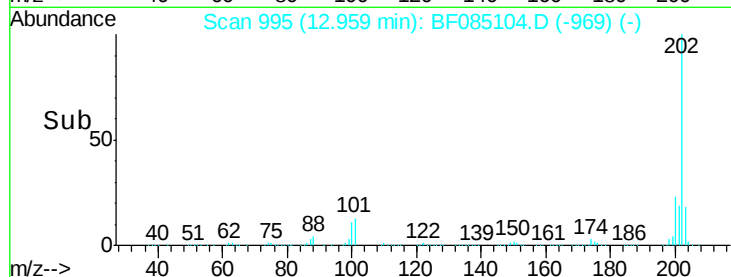
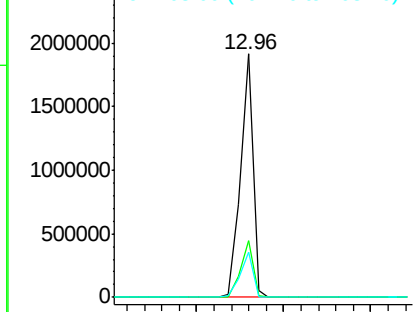
#77
 Pyrene
 Concen: 44.00 ng
 RT: 12.96 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:202 Resp: 1872768
 Ion Ratio Lower Upper
 202 100
 200 23.2 19.0 28.6
 203 18.4 15.0 22.6

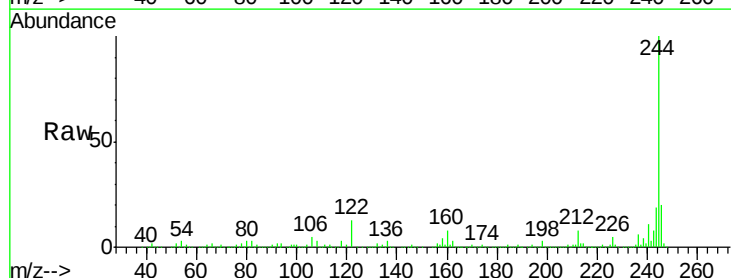


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

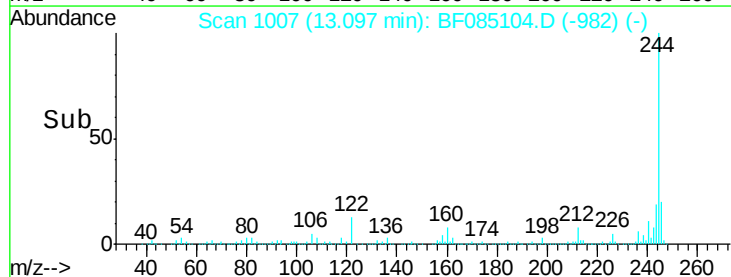
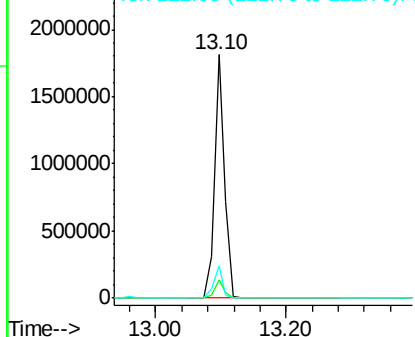


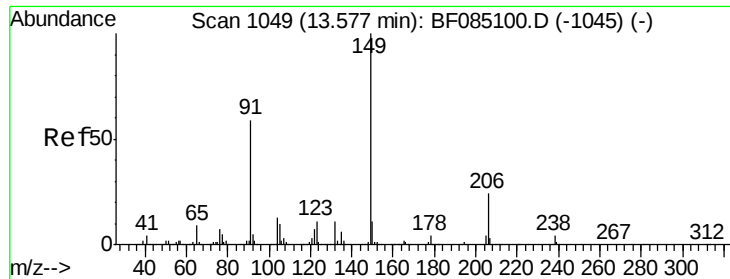
#78
 Terphenyl-d14
 Concen: 74.07 ng
 RT: 13.10 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:244 Resp: 1968770
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.0
 122 13.5 5.1 7.7#



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

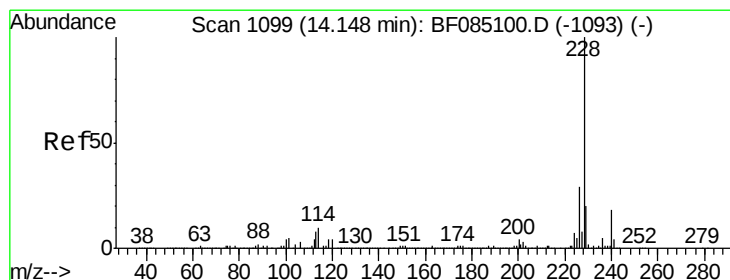
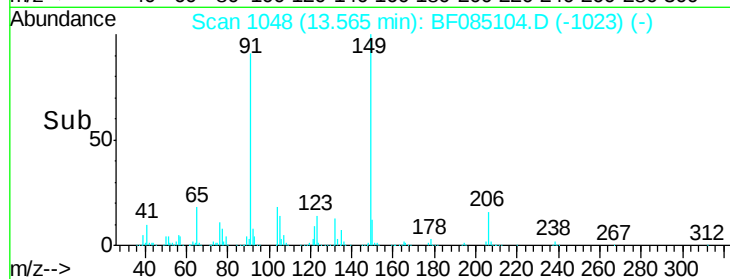
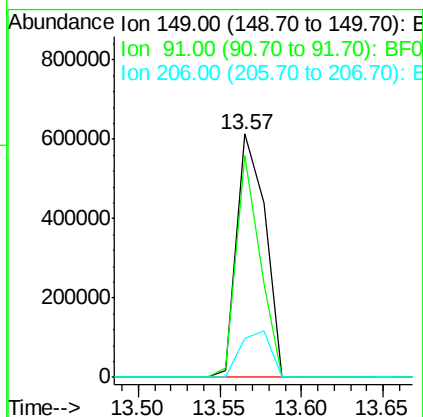
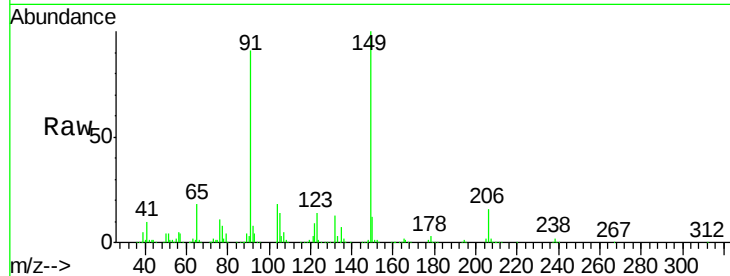




#79
Butylbenzylphthalate
Concen: 39.58 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

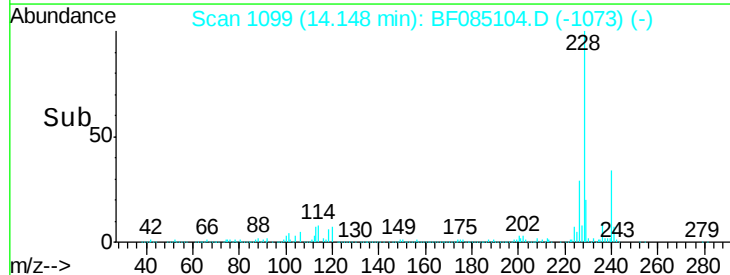
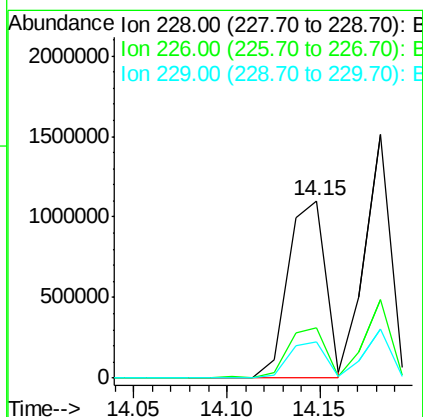
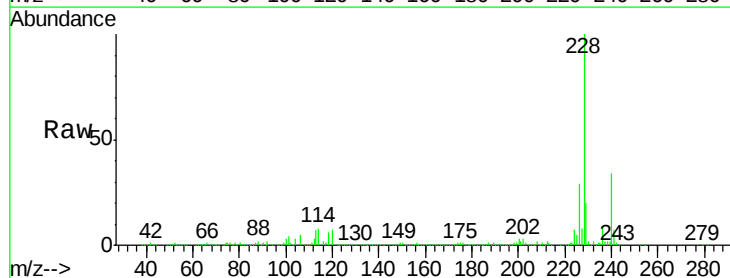
Instrument :
BNA_F
ClientSampleId :
ICVBF030116

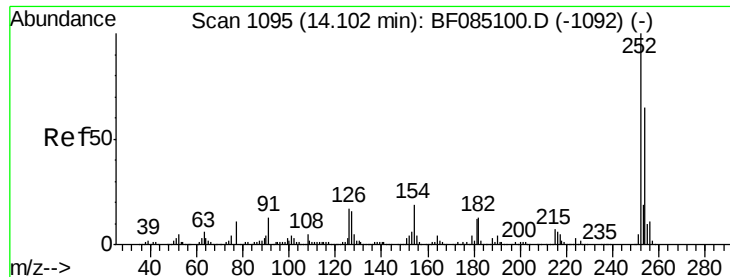
Tgt Ion:149 Resp: 735607
Ion Ratio Lower Upper
149 100
91 91.1 46.9 70.3#
206 16.2 19.0 28.6#



#80
Benzo(a)anthracene
Concen: 42.55 ng
RT: 14.15 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion:228 Resp: 1540511
Ion Ratio Lower Upper
228 100
226 28.7 23.0 34.4
229 20.1 16.1 24.1

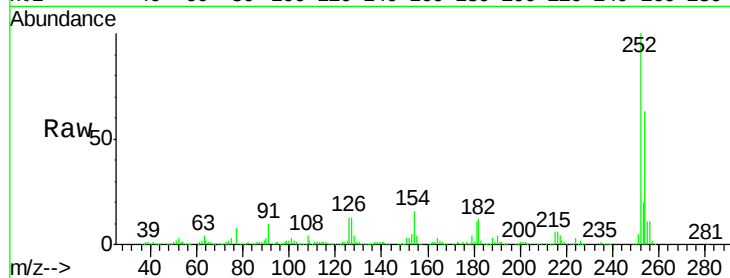




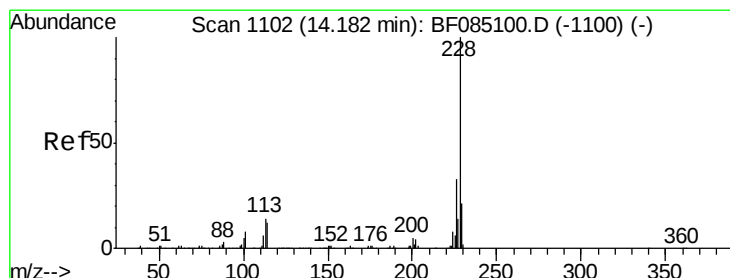
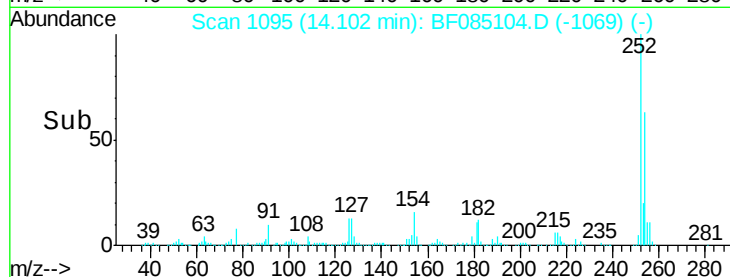
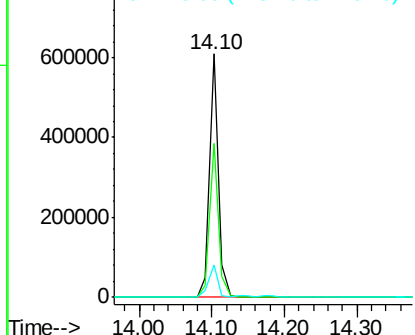
#81
 3,3'-Dichlorobenzidine
 Concen: 45.67 ng
 RT: 14.10 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF030116

Tgt Ion:252 Resp: 516681
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.8 77.6
 126 13.4 13.2 19.8

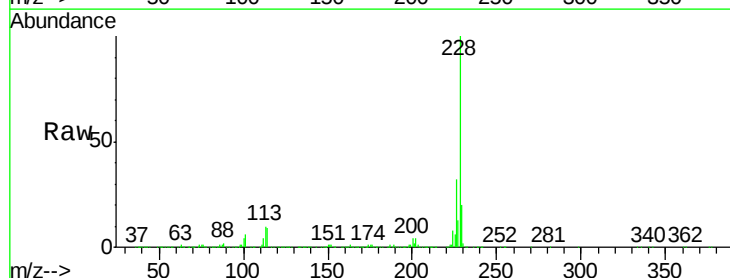


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

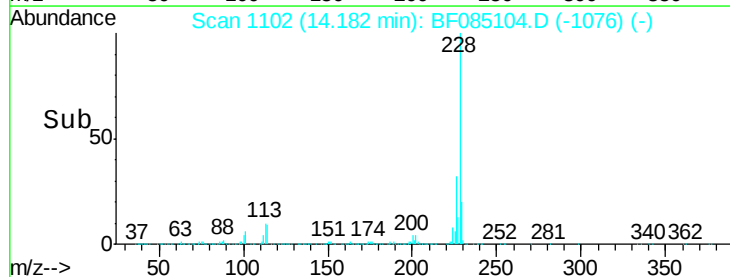
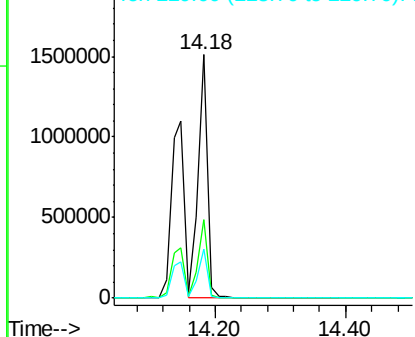


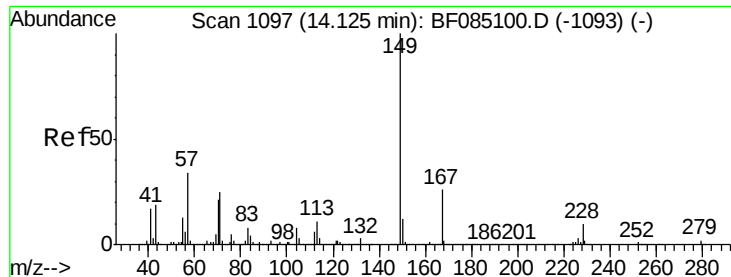
#82
 Chrysene
 Concen: 43.99 ng
 RT: 14.18 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF085104.D
 Acq: 1 Mar 2016 21:26

Tgt Ion:228 Resp: 1454240
 Ion Ratio Lower Upper
 228 100
 226 32.4 26.2 39.4
 229 20.3 16.5 24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.70 ng

RT: 14.13 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

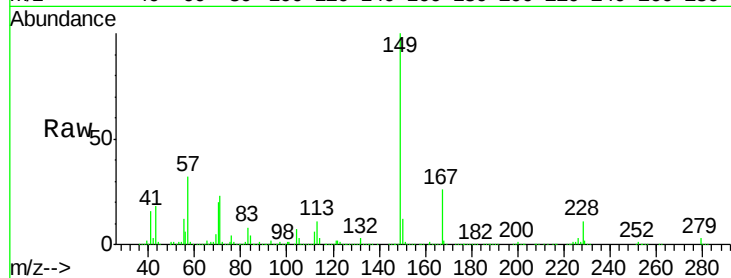
Tgt Ion:149 Resp: 930290

Ion Ratio Lower Upper

149 100

167 26.0 20.6 31.0

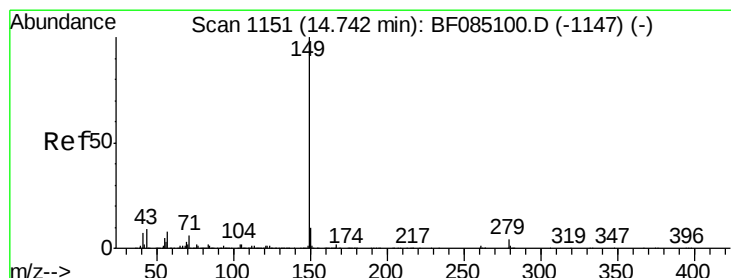
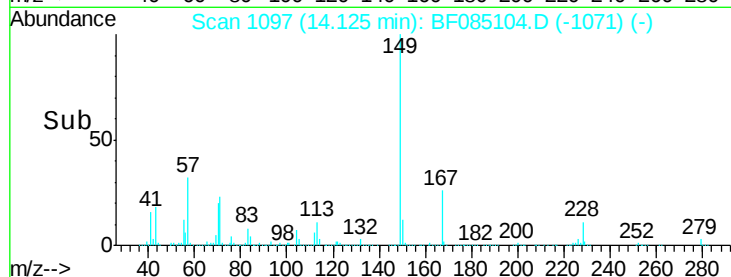
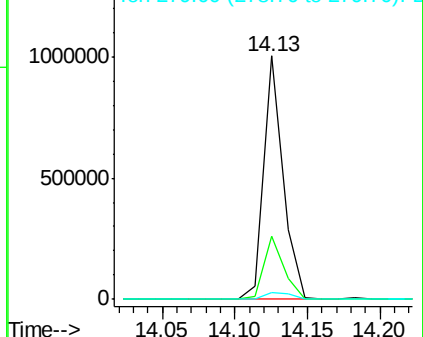
279 2.6 2.0 3.0



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: 44.68 ng

RT: 14.74 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

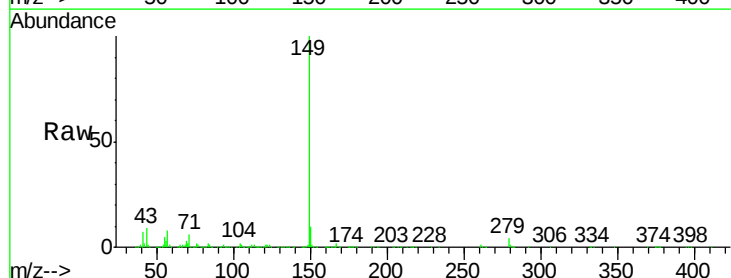
Tgt Ion:149 Resp: 1380152

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

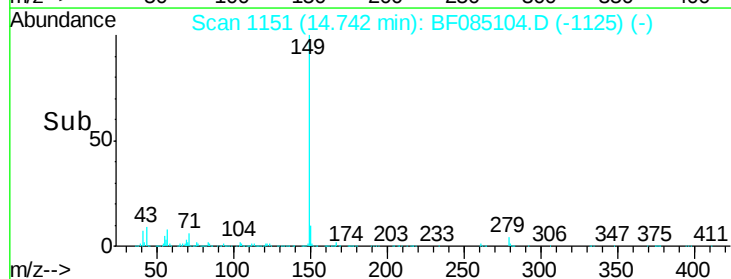
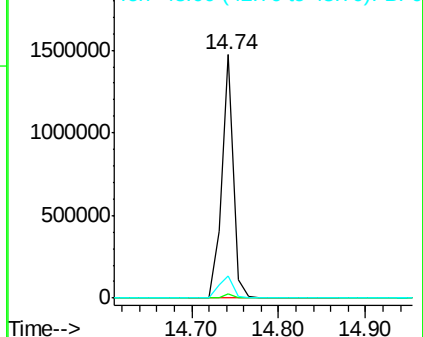
43 11.6 8.8 13.2

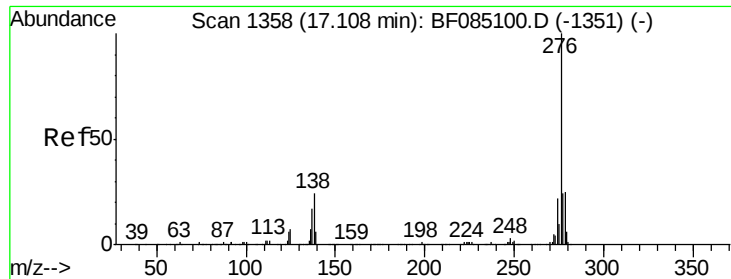


Abundance Ion 149.00 (148.70 to 149.70): E

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: 39.03 ng

RT: 17.11 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

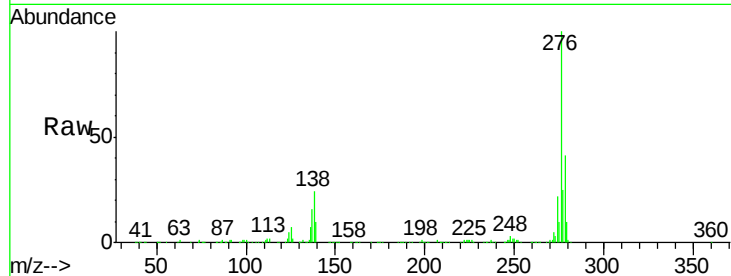
Tgt Ion:276 Resp: 1091144

Ion Ratio Lower Upper

276 100

138 25.9 21.4 32.2

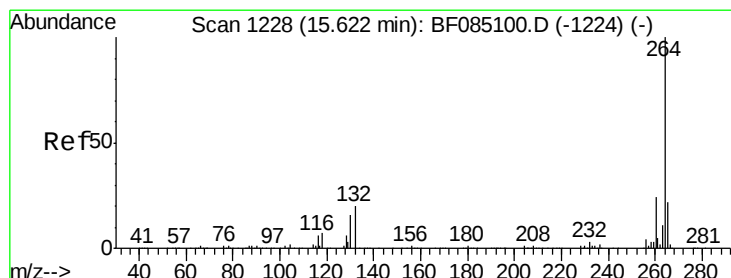
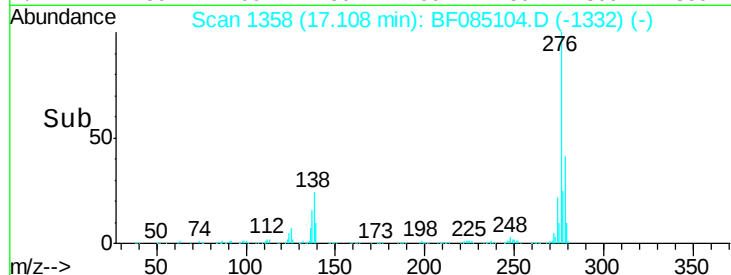
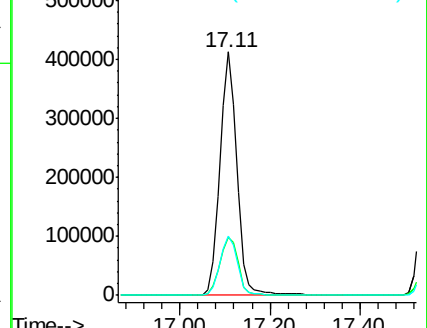
277 25.3 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

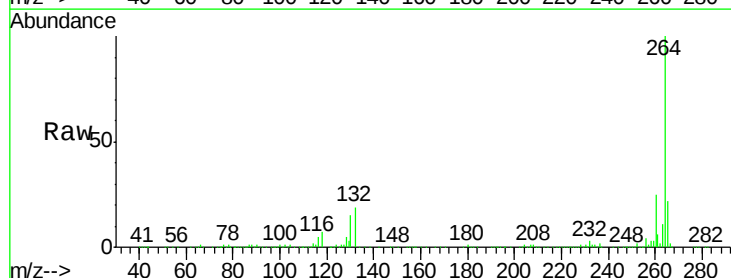
Tgt Ion:264 Resp: 478754

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

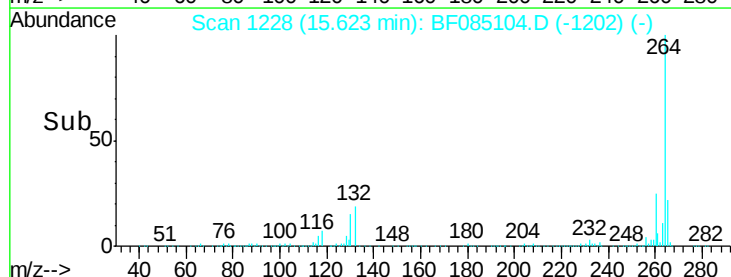
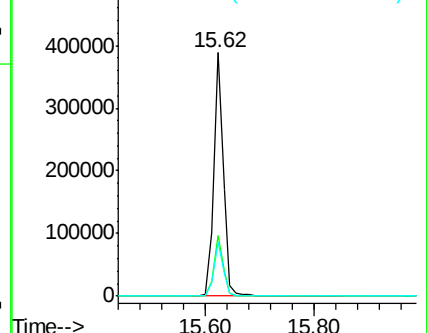
265 22.3 17.4 26.2

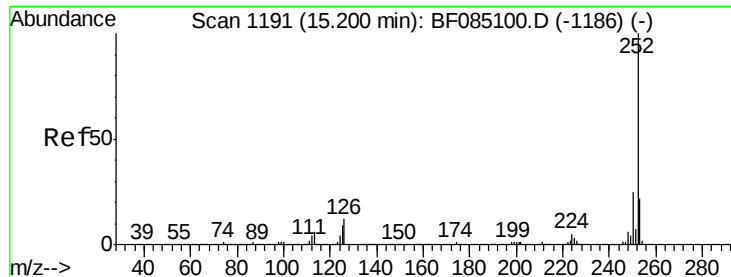


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 43.63 ng

RT: 15.20 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

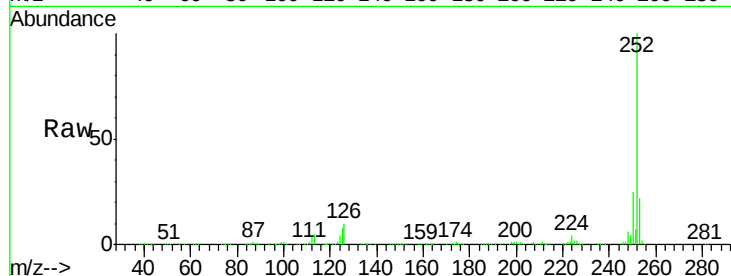
Tgt Ion:252 Resp: 1271929

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

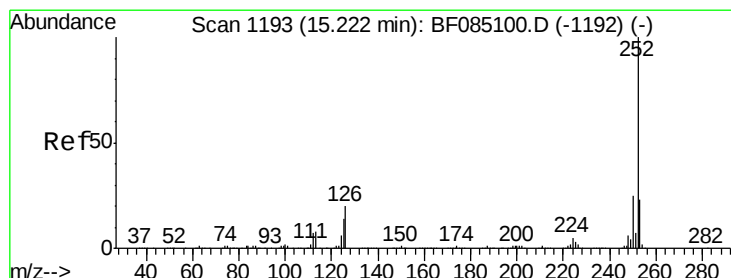
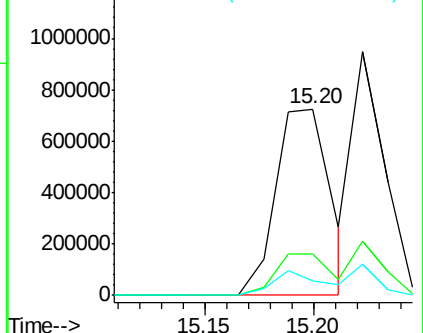
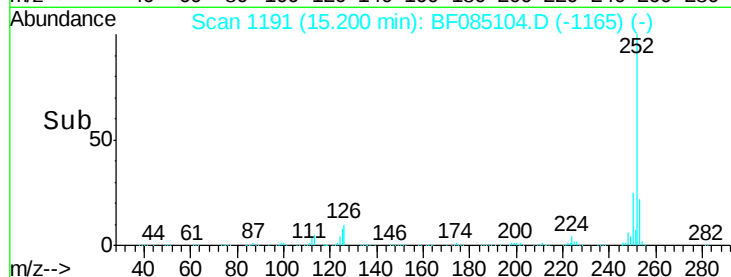
125 7.8 7.0 10.4



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



#88

Benzo(k)fluoranthene

Concen: 50.38 ng

RT: 15.20 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

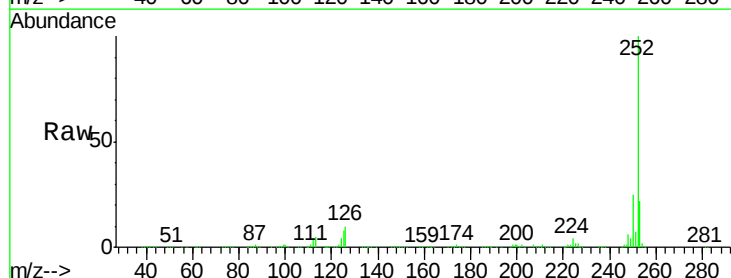
Tgt Ion:252 Resp: 1271929

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.4

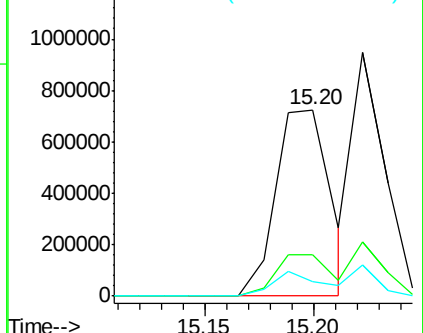
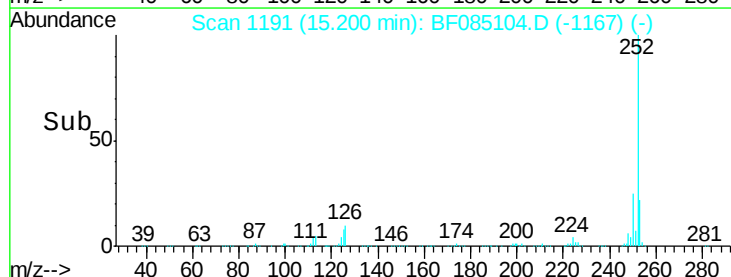
125 7.8 11.1 16.7#

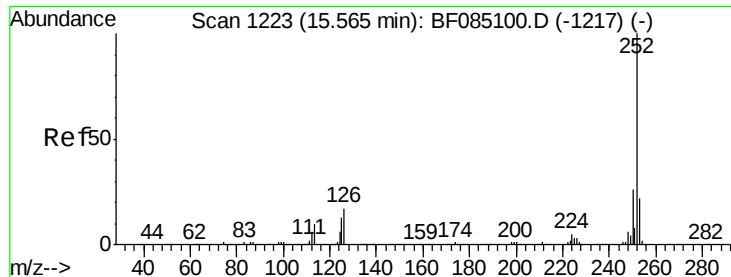


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

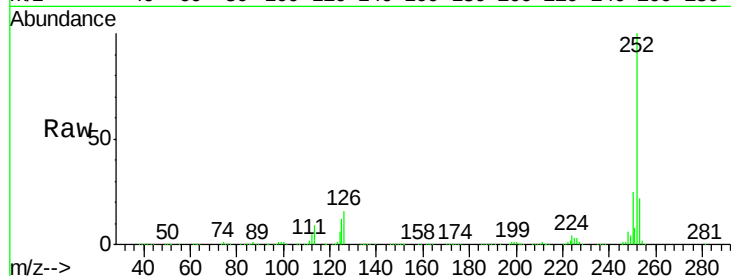




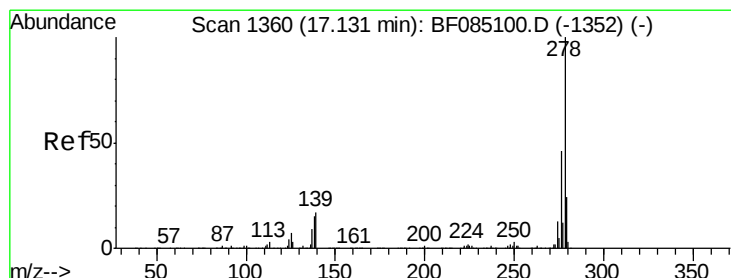
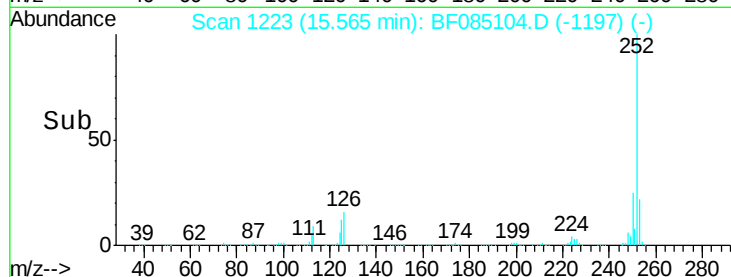
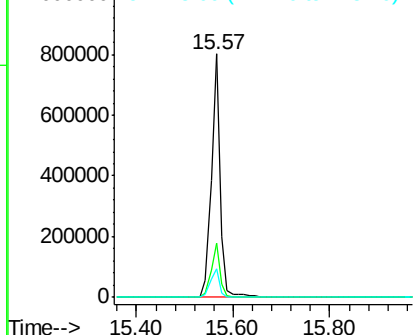
#89
Benzo(a)pyrene
Concen: 42.34 ng
RT: 15.57 min Scan# 1223
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Instrument :
BNA_F
ClientSampleId :
ICVBF030116

Tgt Ion:252 Resp: 1038130
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 12.0 10.2 15.2

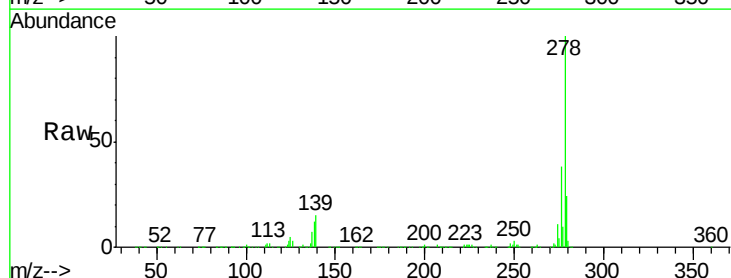


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

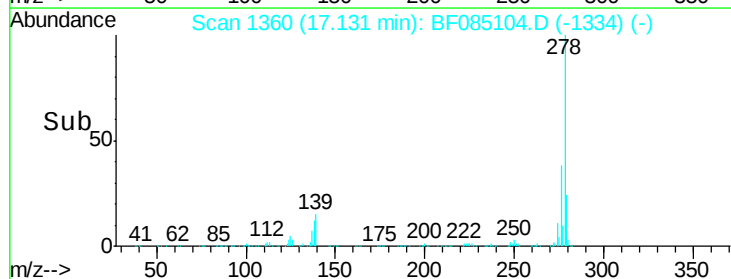
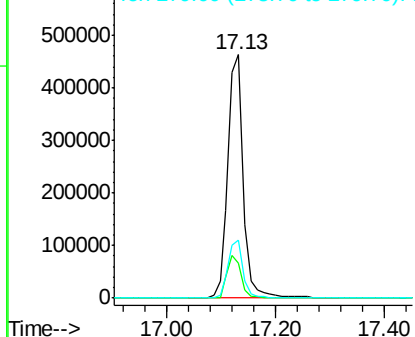


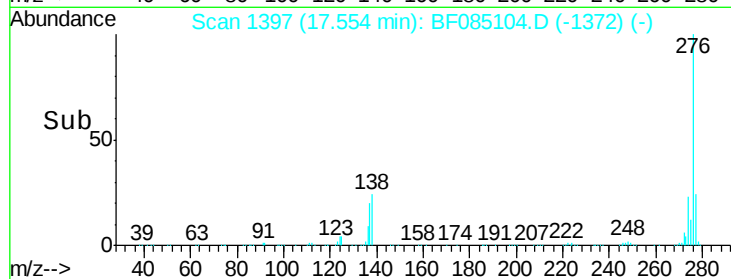
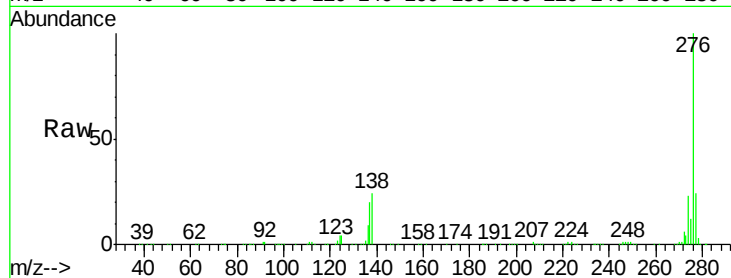
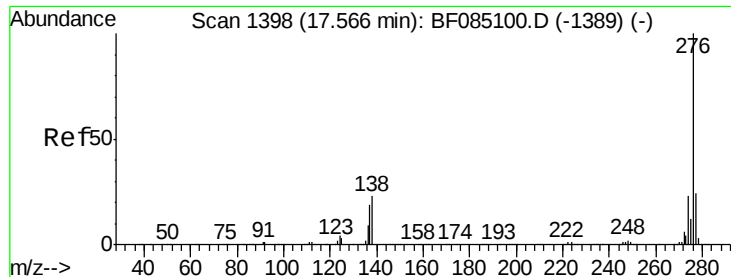
#90
Dibenzo(a,h)anthracene
Concen: 41.40 ng
RT: 17.13 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BF085104.D
Acq: 1 Mar 2016 21:26

Tgt Ion:278 Resp: 914232
Ion Ratio Lower Upper
278 100
139 14.6 13.6 20.4
279 24.0 19.3 28.9



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: 40.86 ng

RT: 17.55 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF085104.D

Acq: 1 Mar 2016 21:26

Instrument :

BNA_F

ClientSampleId :

ICVBF030116

Tgt Ion:276 Resp: 917357

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 24.0 18.1 27.1

