

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085114.D
 Acq On : 2 Mar 2016 12:47
 Operator : SJ/IZ
 Sample : PB88622BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:37:36 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 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	175969	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	754484	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	343155	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	639071	20.00	ng	0.00
75) Chrysene-d12	14.15	240	534953	20.00	ng	0.00
86) Perylene-d12	15.63	264	426387	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1273097	117.45	ng	0.01
7) Phenol-d6	6.61	99	1812355	127.54	ng	0.00
23) Nitrobenzene-d5	7.56	82	1196780	84.39	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	538463	156.14	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1715274	73.62	ng	0.00
78) Terphenyl-d14	13.10	244	1804663	79.14	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	176601	32.88	ng	99
3) Pyridine	3.54	79	549137	39.83	ng	98
4) n-Nitrosodimethylamine	3.50	42	253974	40.49	ng	95
6) Aniline	6.65	93	484505	24.03	ng	100
8) 2-Chlorophenol	6.78	128	521058	41.71	ng	85
9) Benzaldehyde	6.54	77	199478	26.14	ng	87
10) Phenol	6.62	94	589946	37.11	ng	86
11) bis(2-Chloroethyl)ether	6.72	93	487692	38.69	ng	94
12) 1,3-Dichlorobenzene	7.01	146	555152	41.37	ng	98
13) 1,4-Dichlorobenzene	7.01	146	555152	40.59	ng	95
14) 1,2-Dichlorobenzene	7.01	146	555152	46.10	ng	96
15) Benzyl Alcohol	7.12	79	466130	45.00	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	761075	40.98	ng	99
17) 2-Methylphenol	7.24	107	450758	43.06	ng	98
18) Hexachloroethane	7.51	117	211629	41.86	ng	# 84
19) n-Nitroso-di-n-propylamine	7.40	70	396949	42.39	ng	92
20) 3+4-Methylphenols	7.38	107	528100	42.21	ng	97
22) Acetophenone	7.40	105	690141	36.36	ng	# 98
24) Nitrobenzene	7.57	77	532420	36.19	ng	98
25) Isophorone	7.81	82	1017861	37.52	ng	99
26) 2-Nitrophenol	7.89	139	254455	38.68	ng	# 80
27) 2,4-Dimethylphenol	7.92	122	543490	42.63	ng	97
28) bis(2-Chloroethoxy)methane	8.02	93	653191	43.66	ng	98
29) 2,4-Dichlorophenol	8.13	162	456149	43.49	ng	93
30) 1,2,4-Trichlorobenzene	8.22	180	473607	41.42	ng	95
31) Naphthalene	8.30	128	1562998	40.96	ng	99
32) Benzoic acid	8.02	122	225092	34.99	ng	97
33) 4-Chloroaniline	8.33	127	192069	12.73	ng	98
34) Hexachlorobutadiene	8.41	225	248951	37.53	ng	98
35) Caprolactam	8.70	113	100519	30.53	ng	98
36) 4-Chloro-3-methylphenol	8.81	107	469239	40.46	ng	97
37) 2-Methylnaphthalene	8.98	142	964340	41.35	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	429149	40.61	ng	99
40) Hexachlorocyclopentadiene	9.14	237	527238	87.63	ng	97

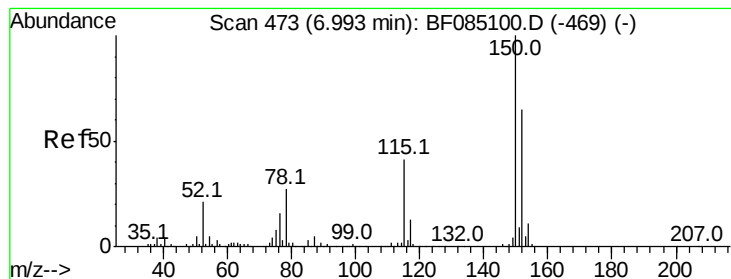
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085114.D
 Acq On : 2 Mar 2016 12:47
 Operator : SJ/IZ
 Sample : PB88622BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:37:36 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 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	296989	41.74	nq	97
43) 2,4,5-Trichlorophenol	9.30	196	297658	43.66	nq	# 88
45) 1,1'-Biphenyl	9.45	154	1208323	39.67	nq	98
46) 2-Chloronaphthalene	9.48	162	867164	39.03	nq	97
47) 2-Nitroaniline	9.57	65	300738	43.12	nq	# 77
48) Acenaphthylene	9.90	152	1446994	43.82	nq	97
49) Dimethylphthalate	9.75	163	1001616	39.37	nq	100
50) 2,6-Dinitrotoluene	9.81	165	206528	39.14	nq	# 85
51) Acenaphthene	10.07	154	996259	48.06	nq	98
52) 3-Nitroaniline	9.98	138	142376	22.72	nq	89
53) 2,4-Dinitrophenol	10.08	184	184537	73.88	nq	# 1
54) Dibenzofuran	10.24	168	1343844	49.94	nq	93
55) 4-Nitrophenol	10.13	139	377003	78.39	nq	# 58
56) 2,4-Dinitrotoluene	10.22	165	311794	43.86	nq	# 59
57) Fluorene	10.58	166	986141	46.60	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	257078	49.77	nq	96
59) Diethylphthalate	10.45	149	963861	39.53	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	488627	44.80	nq	88
61) 4-Nitroaniline	10.60	138	266460	45.36	nq	96
62) Azobenzene	10.73	77	1224974	49.72	nq	93
64) 4,6-Dinitro-2-methylphenol	10.62	198	153567	41.19	nq	80
65) n-Nitrosodiphenylamine	10.69	169	829478	41.18	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	302637	45.10	nq	# 83
67) Hexachlorobenzene	11.13	284	331285	43.73	nq	# 80
68) Atrazine	11.21	200	300606	48.92	nq	98
69) Pentachlorophenol	11.32	266	355539	79.98	nq	99
70) Phenanthrene	11.54	178	1554926	48.91	nq	98
71) Anthracene	11.59	178	1379351	38.64	nq	99
72) Carbazole	11.74	167	1294563	41.67	nq	98
73) Di-n-butylphthalate	12.07	149	1471473	39.79	nq	# 98
74) Fluoranthene	12.73	202	1560260	44.72	nq	92
76) Benzidine	12.85	184	486184	30.06	nq	99
77) Pyrene	12.96	202	1657664	45.39	nq	97
79) Butylbenzylphthalate	13.57	149	625013	40.42	nq	# 70
80) Benzo(a)anthracene	14.14	228	1307465	42.09	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	191850	19.76	nq	# 95
82) Chrysene	14.19	228	1267835	44.70	nq	97
83) Bis(2-ethylhexyl)phthalate	14.13	149	848420	47.52	nq	99
84) Di-n-octyl phthalate	14.75	149	1296383	48.91	nq	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	975611	40.68	nq	99
87) Benzo(b)fluoranthene	15.19	252	1249110	48.11	nq	# 96
88) Benzo(k)fluoranthene	15.19	252	1249110	55.55	nq	99
89) Benzo(a)pyrene	15.57	252	977281	44.76	nq	# 97
90) Dibenzo(a,h)anthracene	17.13	278	827834	42.09	nq	96
91) Benzo(g,h,i)perylene	17.56	276	804062	40.21	nq	99

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

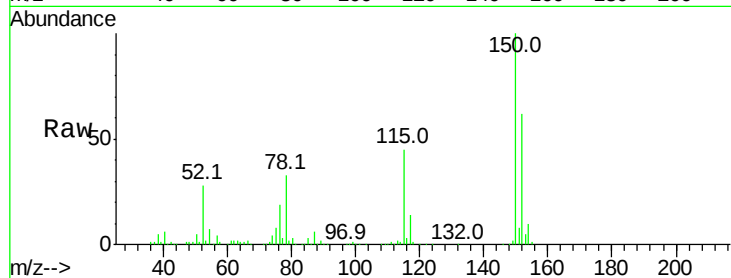


#1

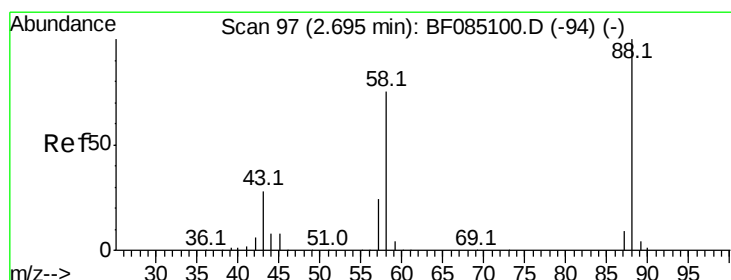
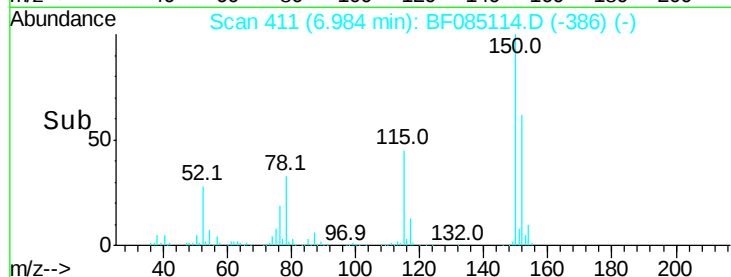
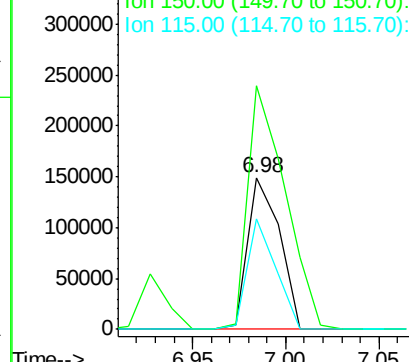
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 175969
Ion Ratio Lower Upper
152 100
150 160.7 123.4 185.0
115 72.6 50.0 75.0



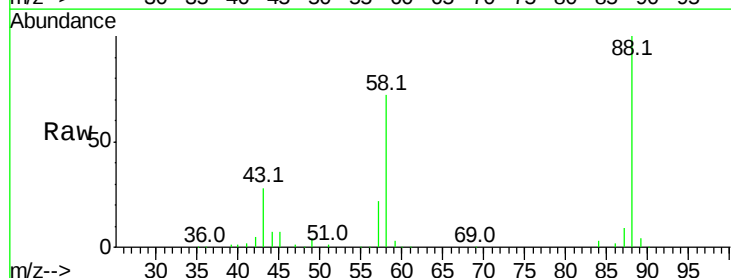
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



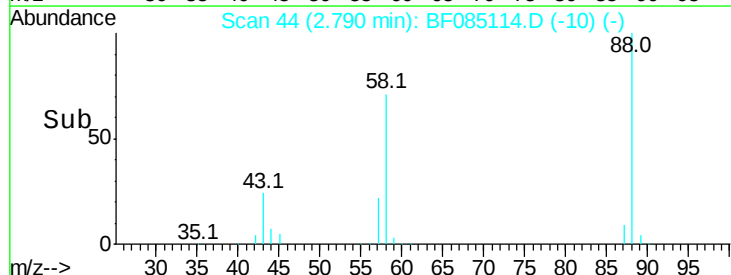
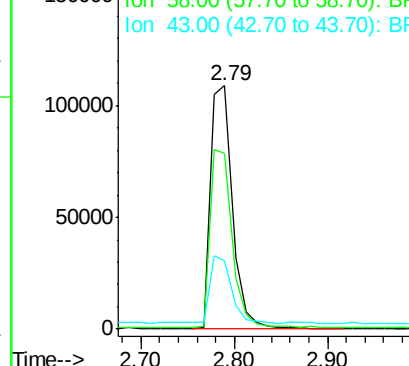
#2

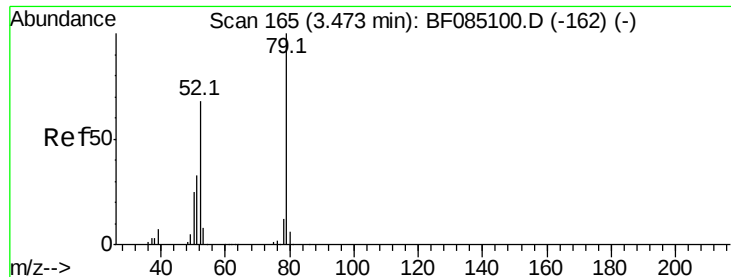
1,4-Dioxane
Concen: 32.88 ng
RT: 2.79 min Scan# 44
Delta R.T. 0.09 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion: 88 Resp: 176601
Ion Ratio Lower Upper
88 100
58 73.5 58.4 87.6
43 27.5 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

Pvridine

Concen: 39.83 ng

RT: 3.54 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

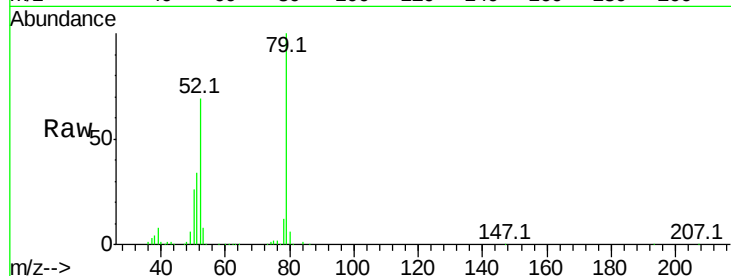
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 549137

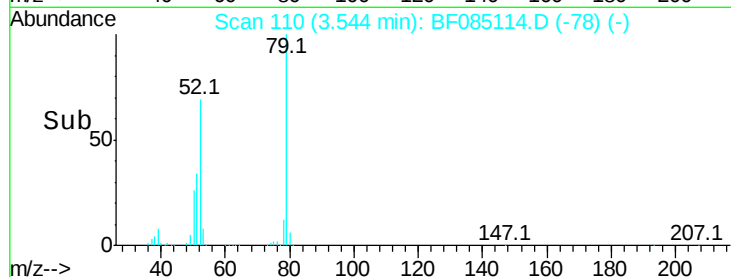
Ion	Ratio	Lower	Upper
79	100		
52	69.2	54.1	81.1
51	34.2	26.6	40.0



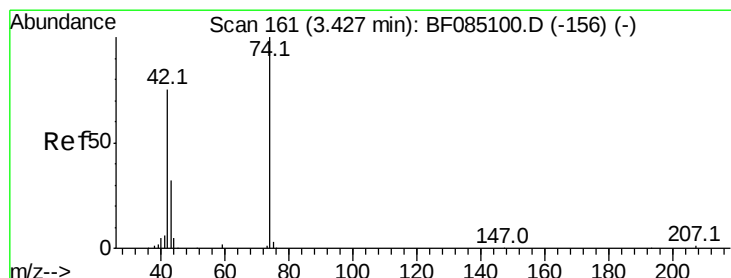
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



Time-->



#4

n-Nitrosodimethylamine

Concen: 40.49 ng

RT: 3.50 min Scan# 106

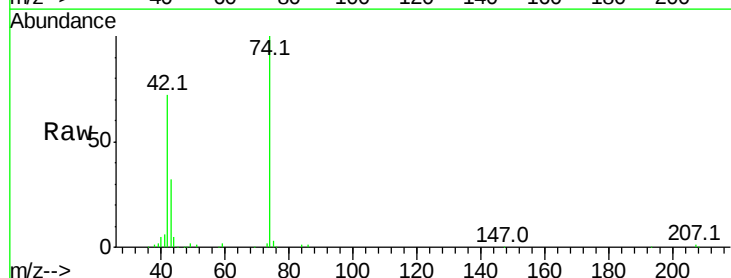
Delta R.T. 0.07 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion: 42 Resp: 253974

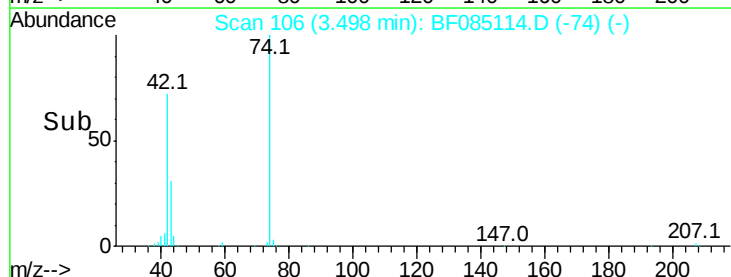
Ion	Ratio	Lower	Upper
42	100		
74	139.8	106.6	160.0
44	7.1	5.4	8.2



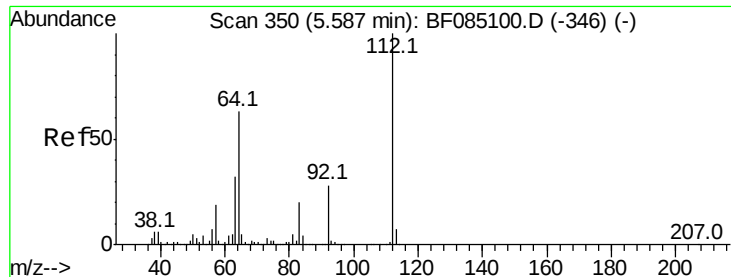
Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



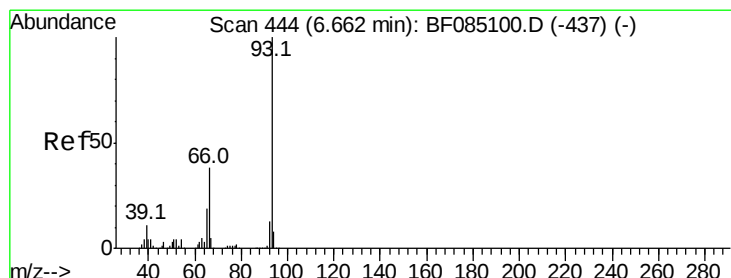
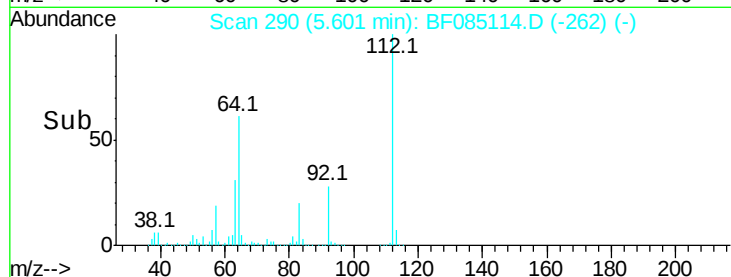
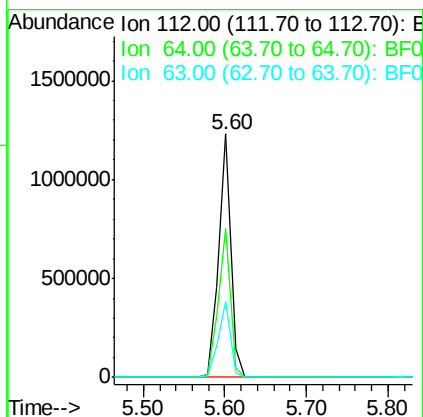
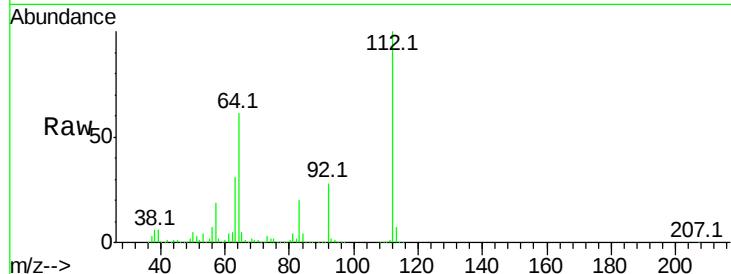
Time-->



#5
2-Fluorophenol
Concen: 117.45 ng
RT: 5.60 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

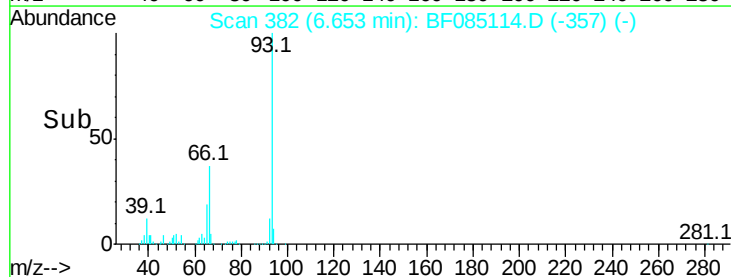
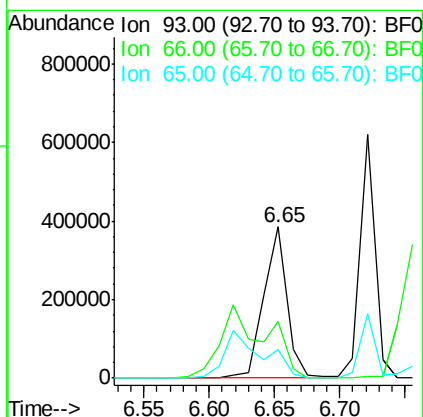
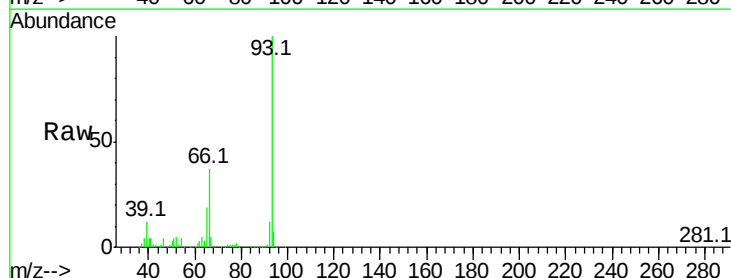
Instrument :
BNA_F
ClientSampleId :

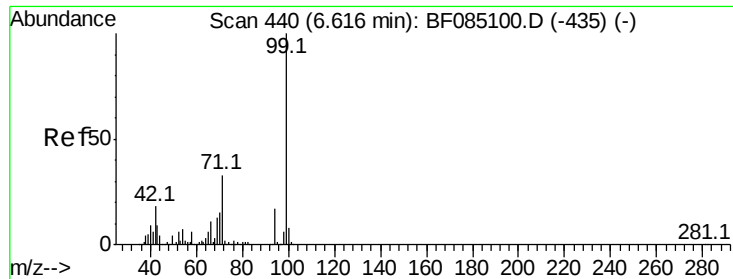
Tot Ion:112 Resp: 1273097
Ion Ratio Lower Upper
112 100
64 61.3 50.6 76.0
63 31.2 25.5 38.3



#6
Aniline
Concen: 24.03 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion: 93 Resp: 484505
Ion Ratio Lower Upper
93 100
66 37.4 30.1 45.1
65 19.1 15.0 22.6





#7

Phenol-d6

Concen: 127.54 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

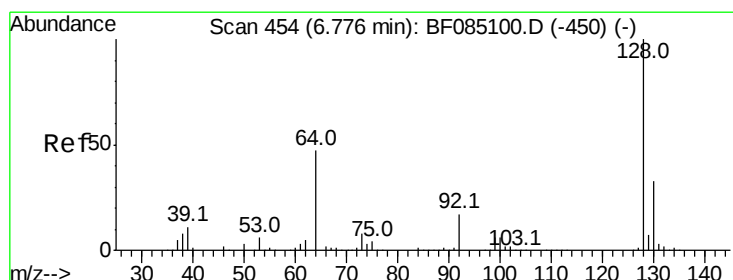
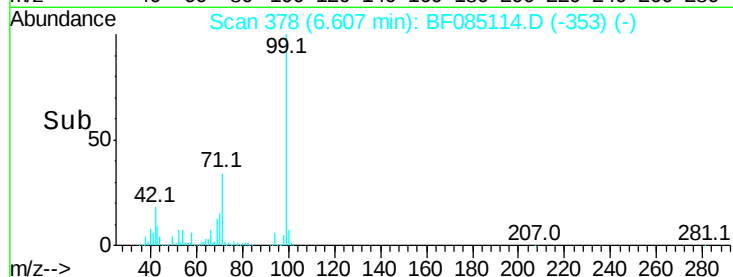
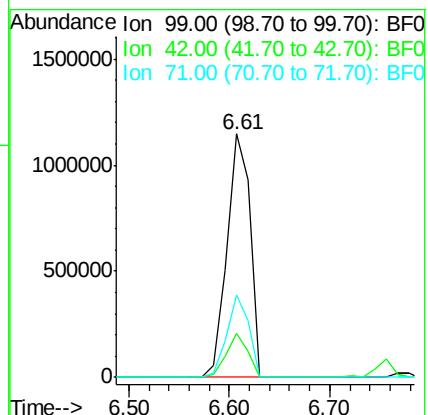
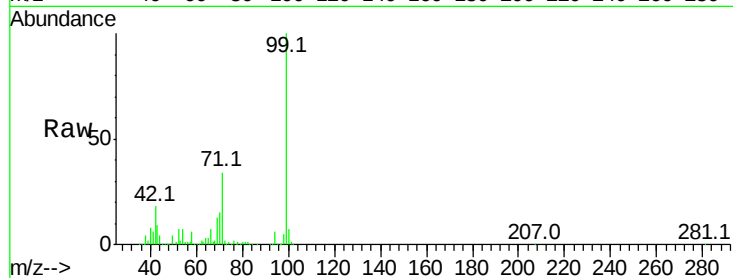
Tot Ion: 99 Resp: 1812355

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 33.9 26.8 40.2



#8

2-Chlorophenol

Concen: 41.71 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

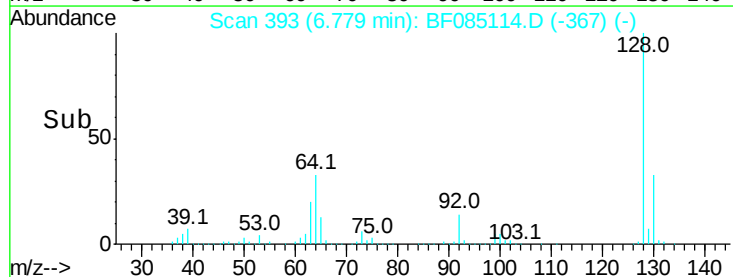
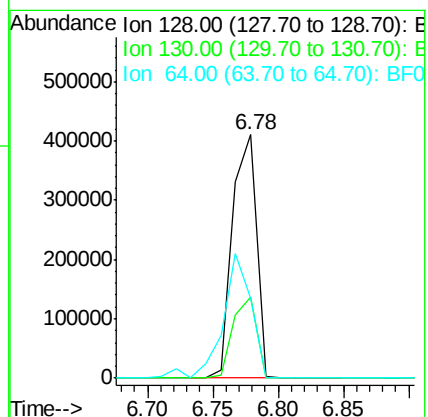
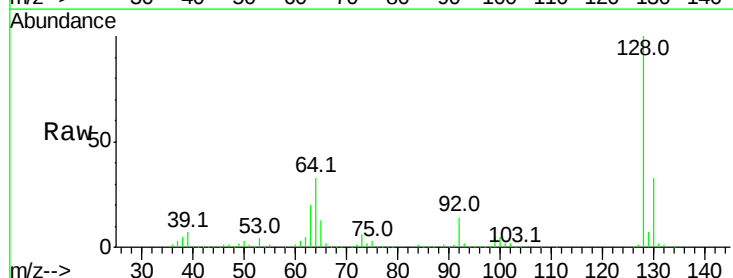
Tgt Ion:128 Resp: 521058

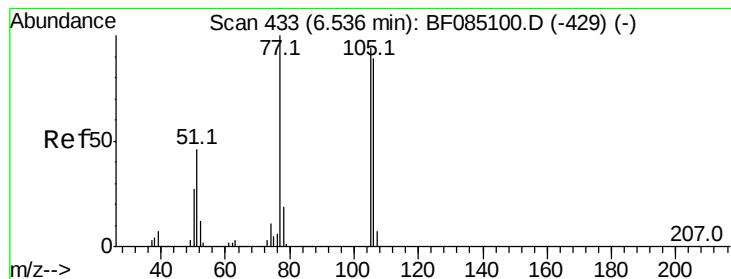
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 32.6 29.6 69.6





#9

Benzaldehyde

Concen: 26.14 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

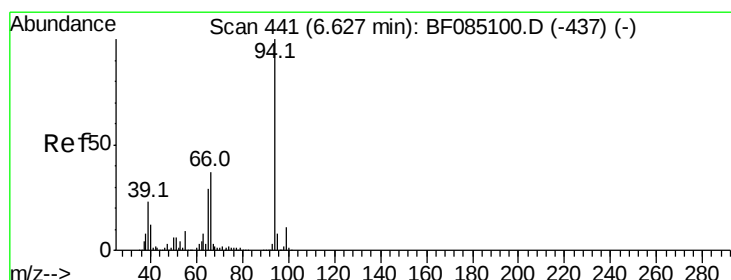
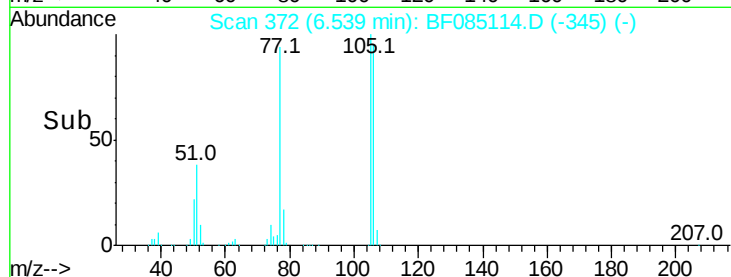
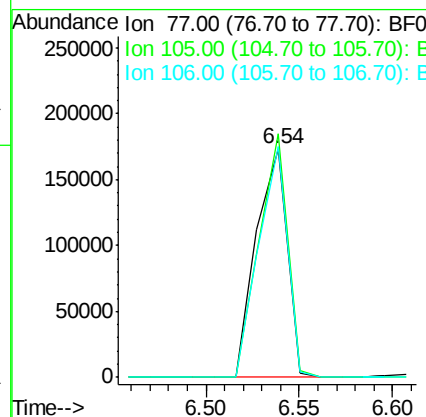
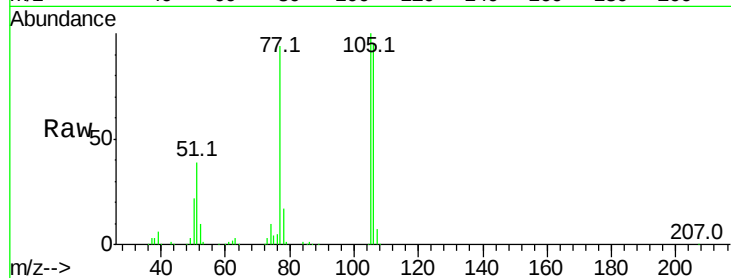
Tot Ion: 77 Resp: 199478

Ion Ratio Lower Upper

77 100

105 106.6 73.7 113.7

106 100.9 69.2 109.2



#10

Phenol

Concen: 37.11 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

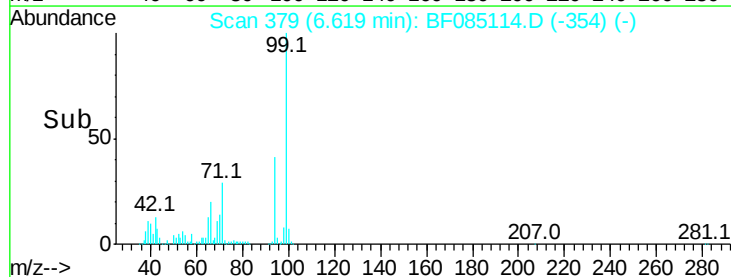
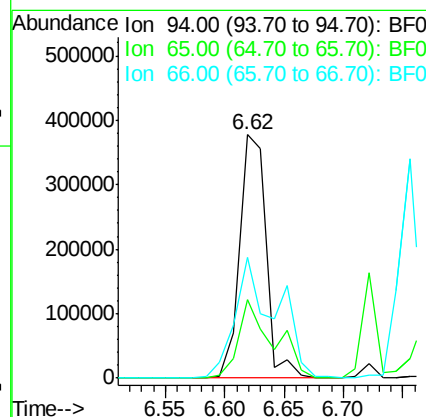
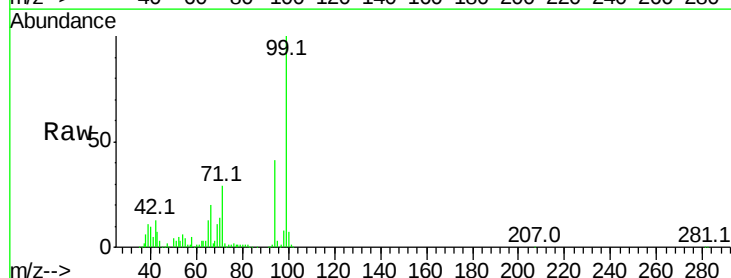
Tgt Ion: 94 Resp: 589946

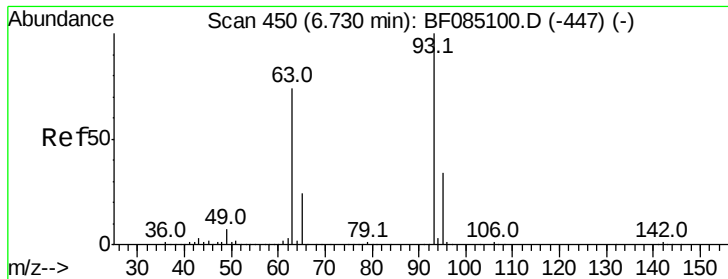
Ion Ratio Lower Upper

94 100

65 32.1 9.1 49.1

66 49.5 17.5 57.5





#11

bis(2-Chloroethyl)ether

Concen: 38.69 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

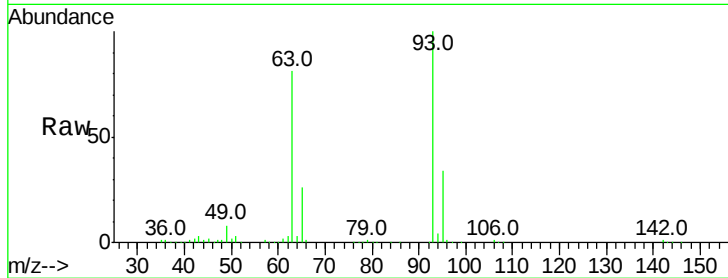
Tot Ion: 93 Resp: 487692

Ion Ratio Lower Upper

93 100

63 81.1 53.9 93.9

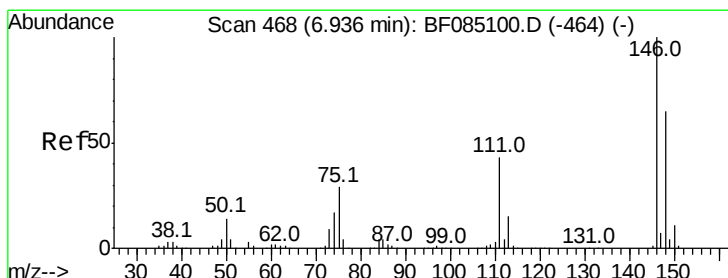
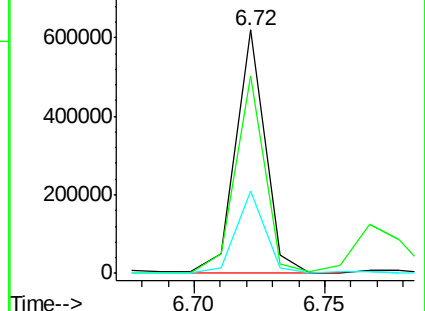
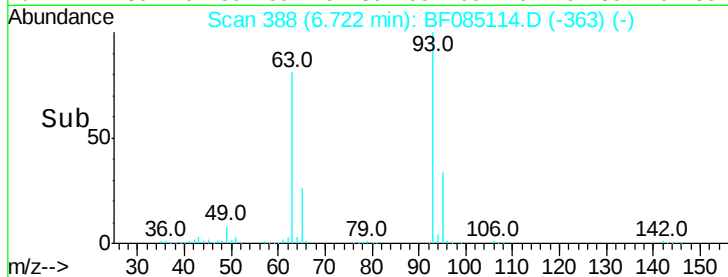
95 33.6 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.37 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.07 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

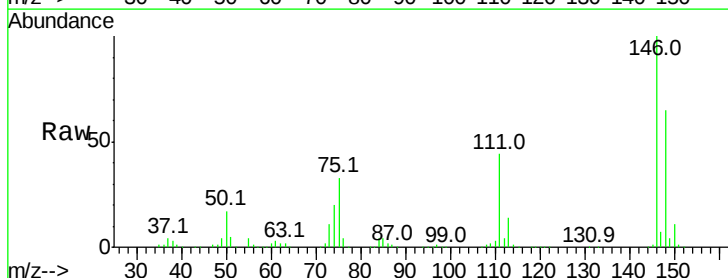
Tgt Ion: 146 Resp: 555152

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

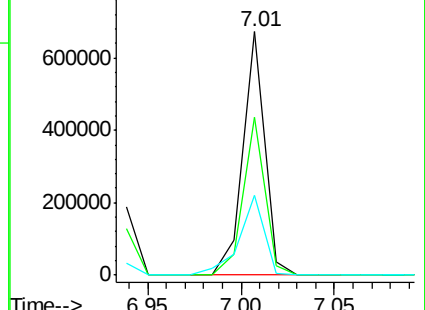
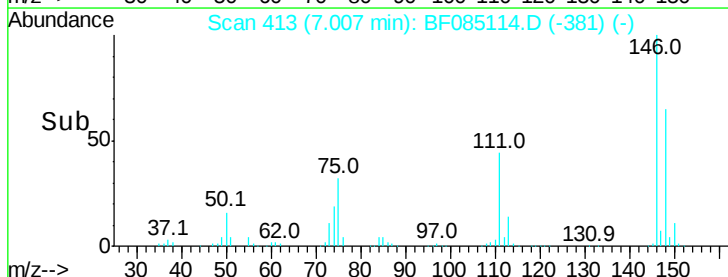
75 32.6 23.3 34.9

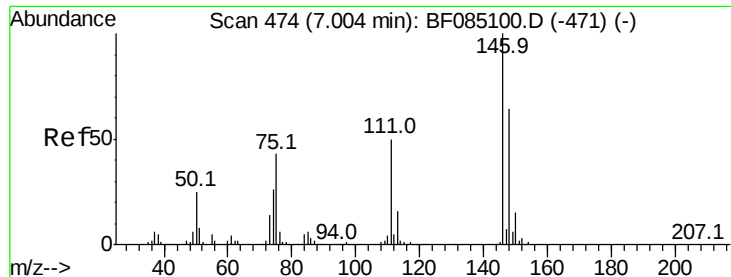


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 40.59 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

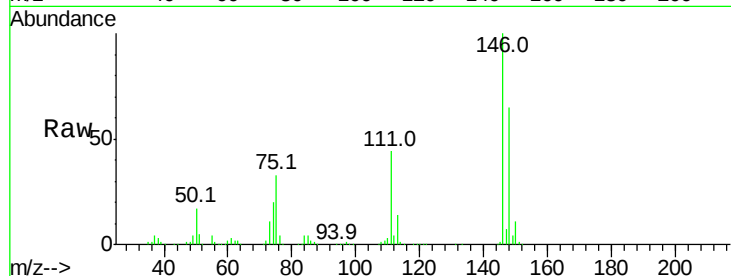
Tot Ion:146 Resp: 555152

Ion Ratio Lower Upper

146 100

148 64.6 51.1 76.7

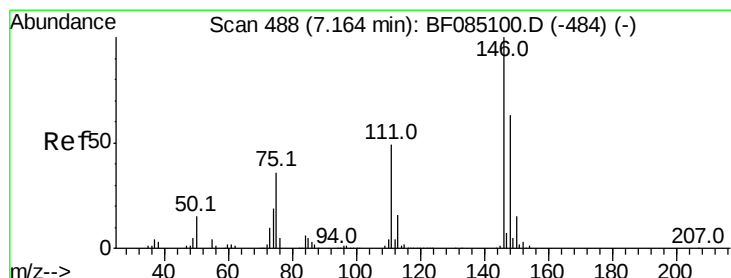
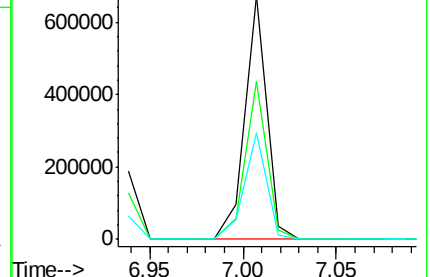
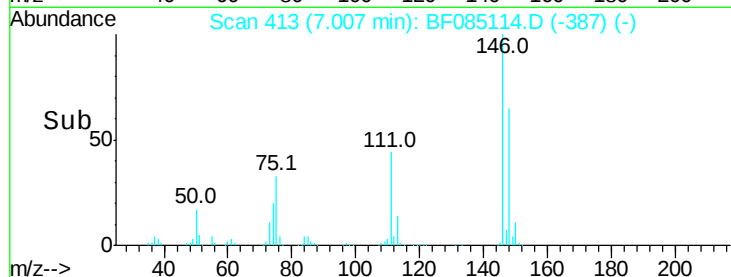
111 43.7 40.0 60.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.10 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.16 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

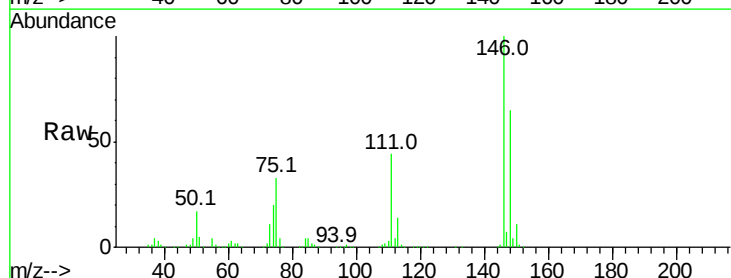
Tgt Ion:146 Resp: 555152

Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

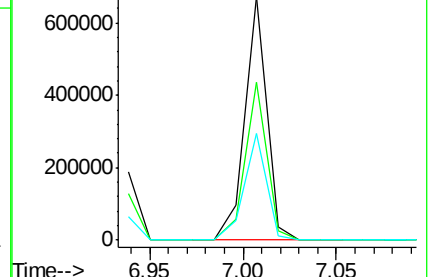
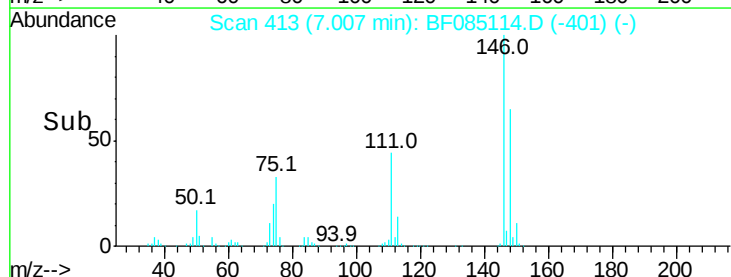
111 43.7 38.9 58.3

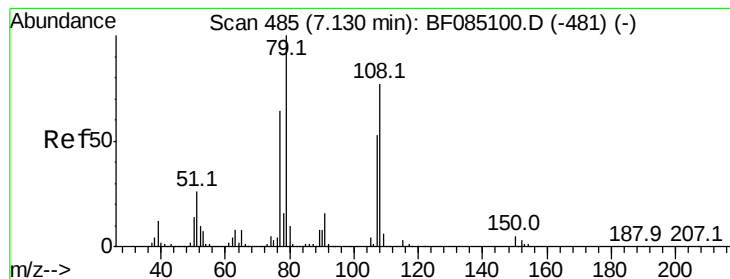


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.00 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

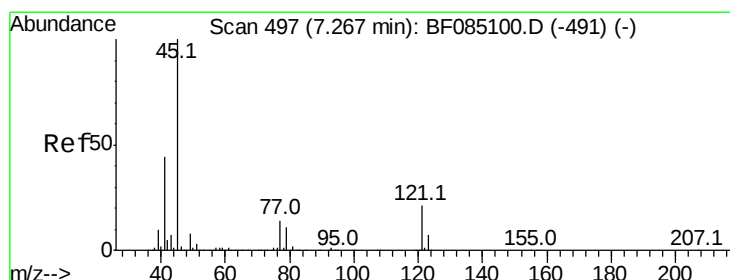
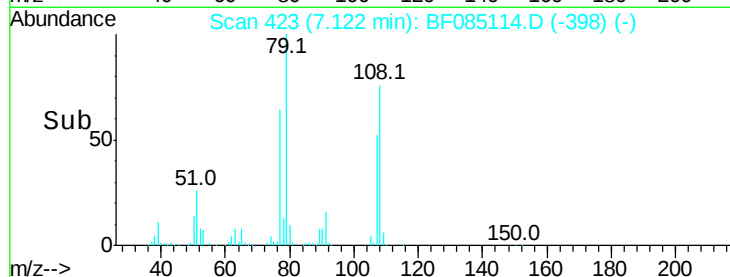
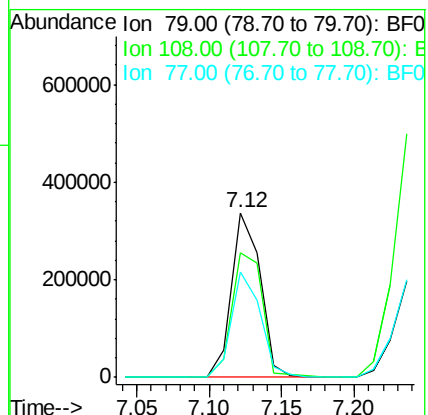
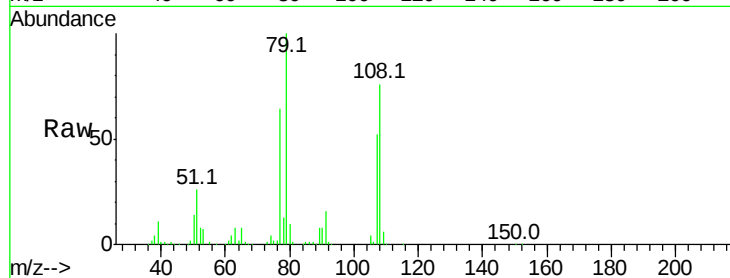
Tot Ion: 79 Resp: 466130

Ion Ratio Lower Upper

79 100

108 75.6 61.8 92.6

77 63.7 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.98 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

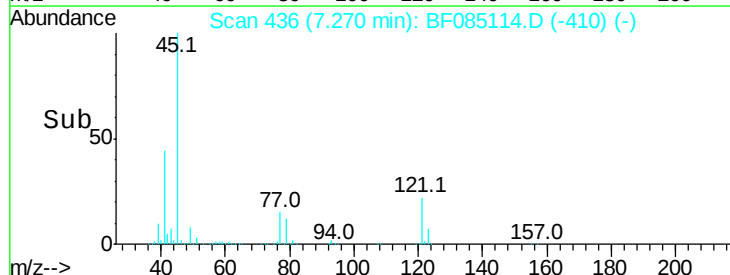
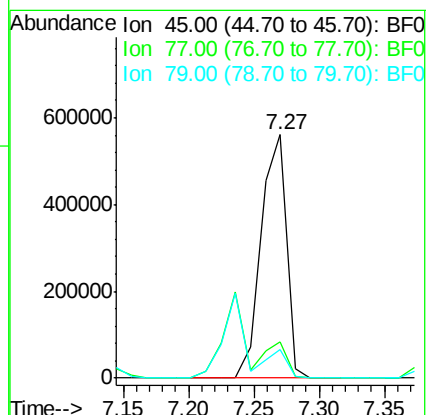
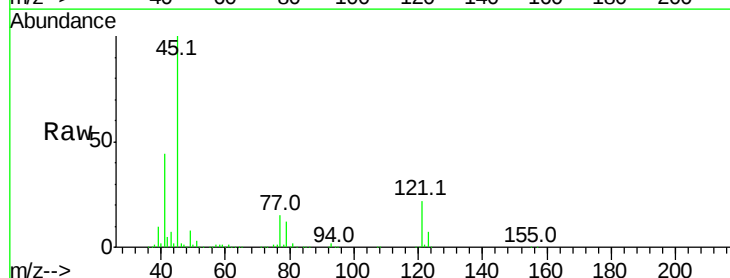
Tgt Ion: 45 Resp: 761075

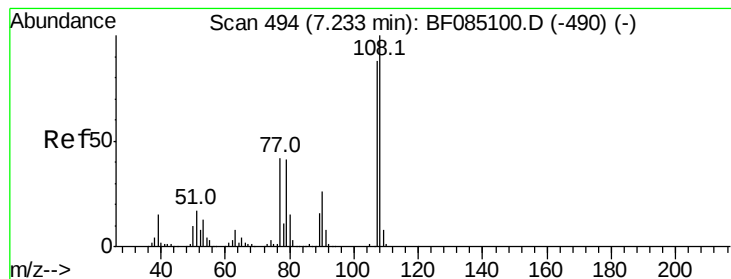
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.4

79 11.6 0.0 31.1

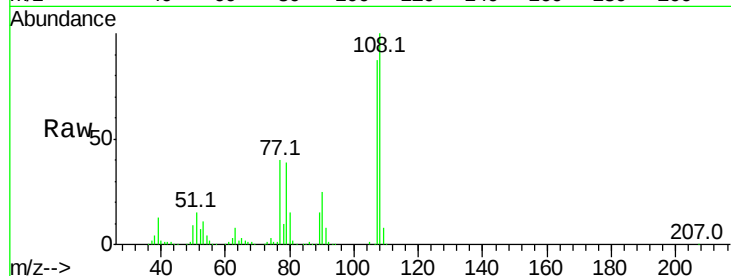




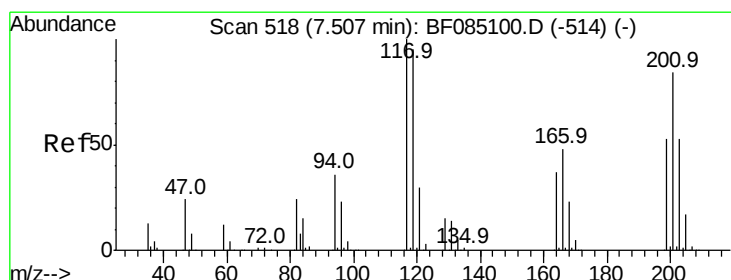
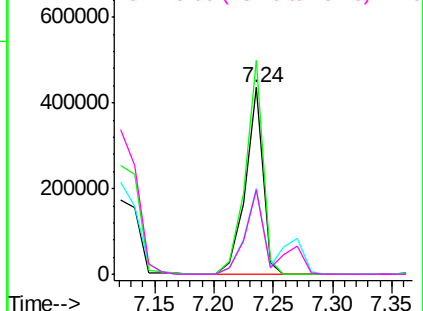
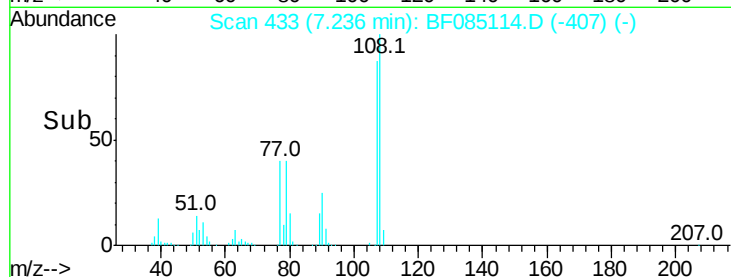
#17
2-Methylphenol
Concen: 43.06 ng
RT: 7.24 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 450758
Ion Ratio Lower Upper
107 100
108 114.5 91.4 137.2
77 45.7 38.7 58.1
79 45.2 37.8 56.6

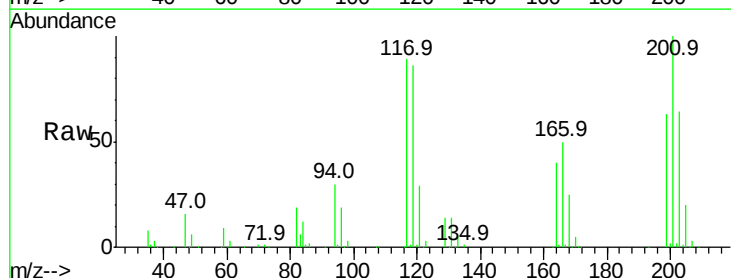


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

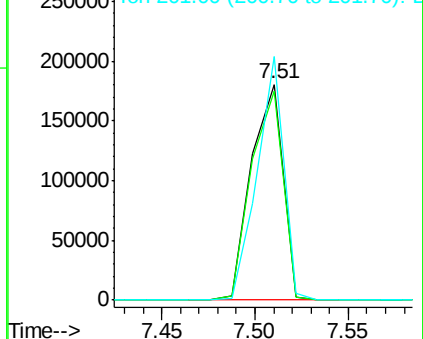
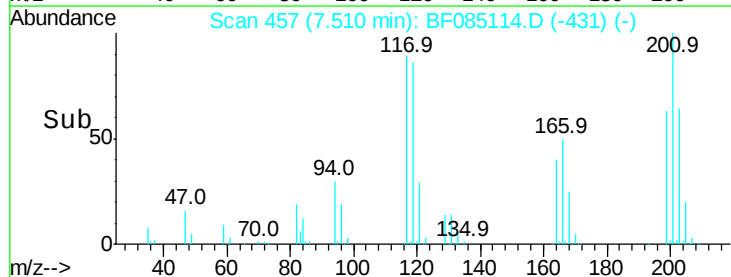


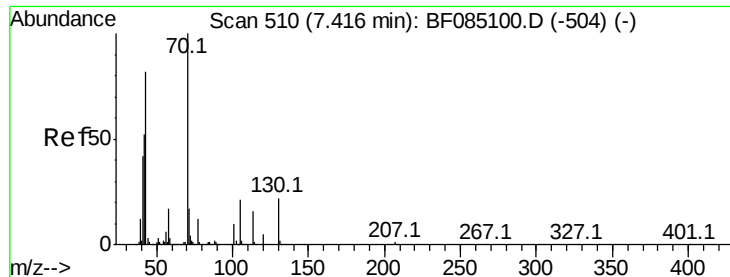
#18
Hexachloroethane
Concen: 41.86 ng
RT: 7.51 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:117 Resp: 211629
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.4
201 112.8 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

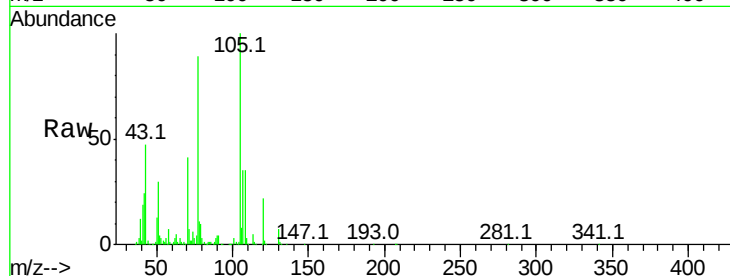




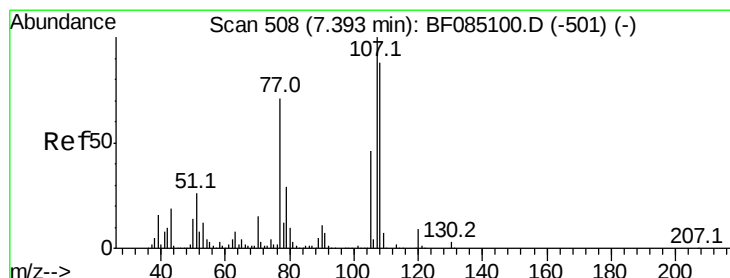
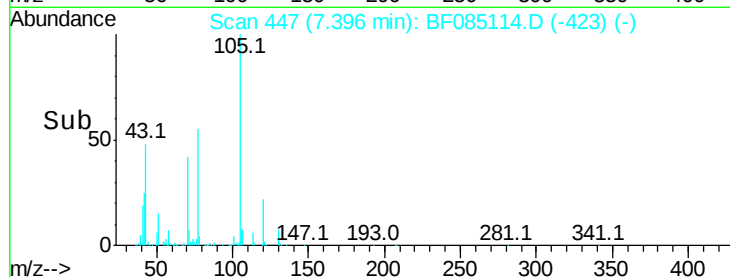
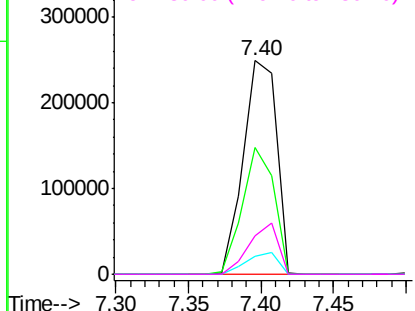
#19
n-Nitroso-di-n-propylamine
Concen: 42.39 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 396949
Ion Ratio Lower Upper
70 100
42 59.2 41.9 62.9
101 8.5 7.8 11.8
130 17.8 17.2 25.8

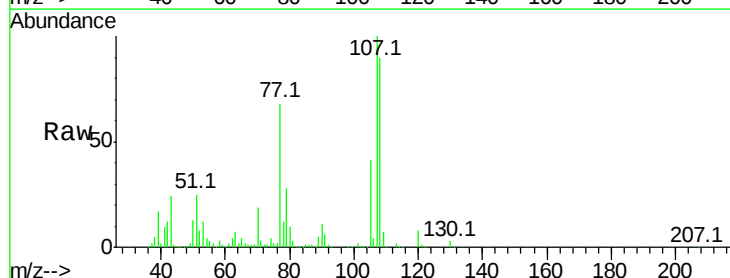


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

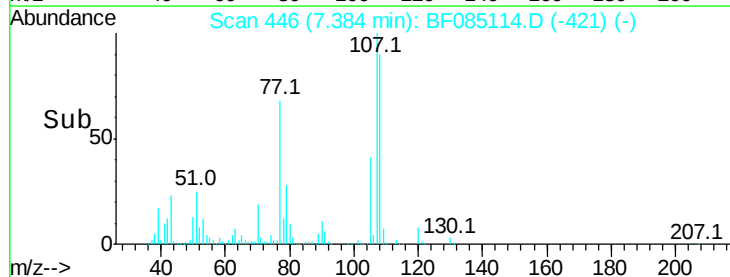
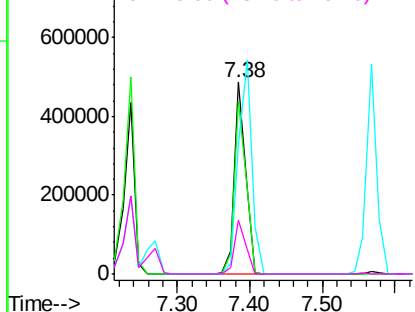


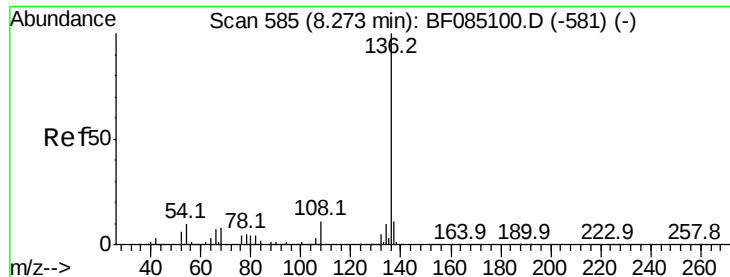
#20
3+4-Methylphenols
Concen: 42.21 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:107 Resp: 528100
Ion Ratio Lower Upper
107 100
108 90.0 67.8 107.8
77 67.7 50.6 90.6
79 28.0 9.1 49.1



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

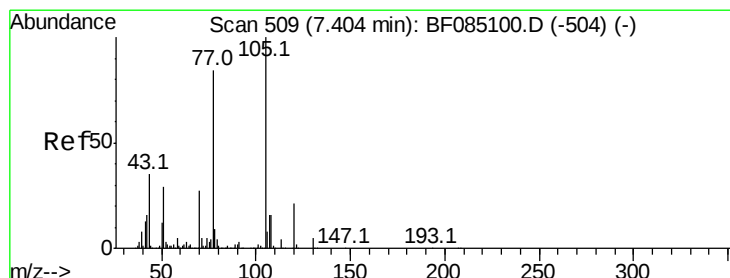
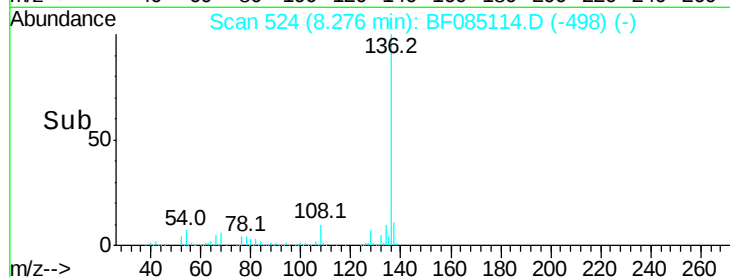
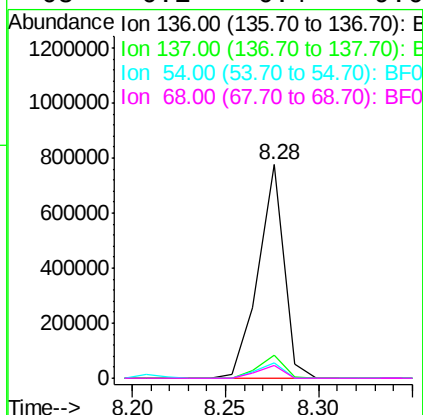
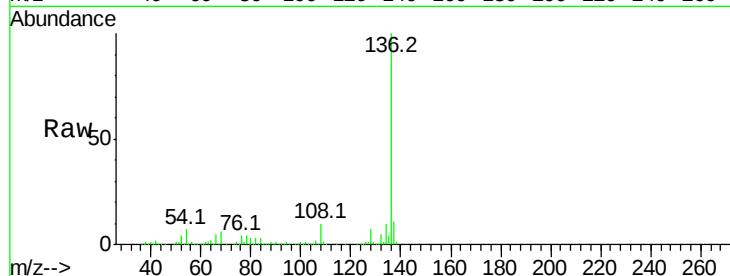




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

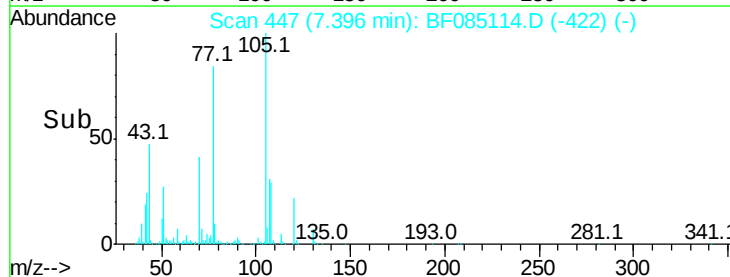
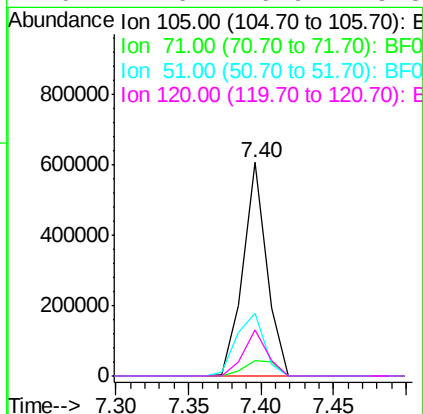
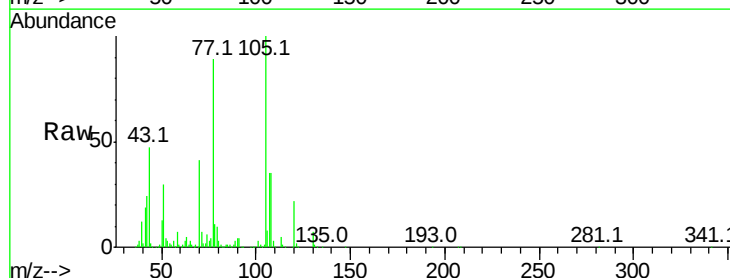
Instrument :
BNA_F
ClientSampleId :

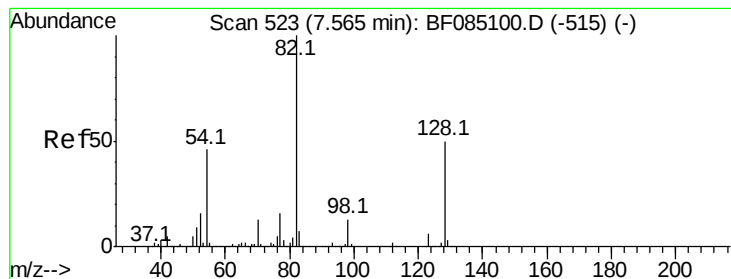
Tot Ion:	136	Resp:	754484
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	8.5	12.7#
68	6.1	6.4	9.6#



#22
Acetophenone
Concen: 36.36 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:	105	Resp:	690141
Ion	Ratio	Lower	Upper
105	100		
71	7.1	3.8	5.6#
51	29.7	22.9	34.3
120	21.6	16.9	25.3





#23

Nitrobenzene-d5

Concen: 84.39 ng

RT: 7.56 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampled :

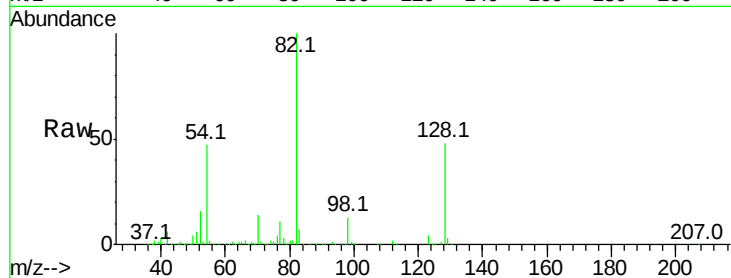
Tot Ion: 82 Resp: 1196780

Ion Ratio Lower Upper

82 100

128 47.6 39.8 59.6

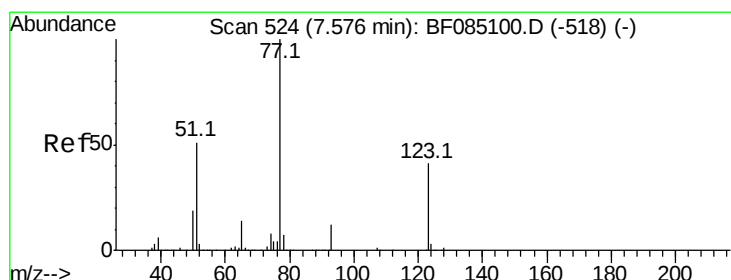
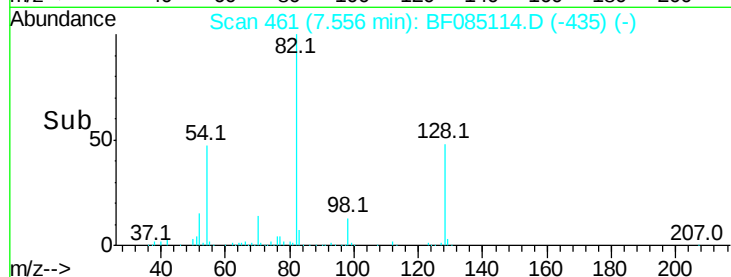
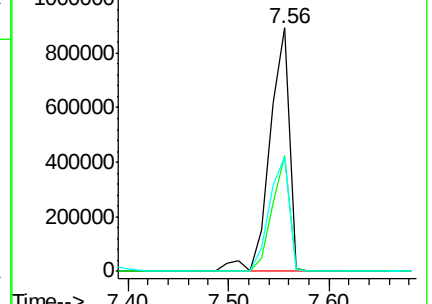
54 47.0 36.6 54.8



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: 36.19 ng

RT: 7.57 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

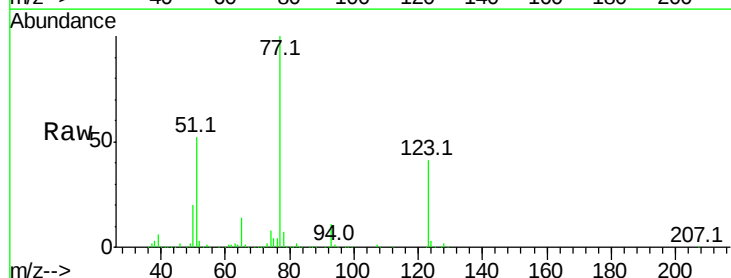
Tgt Ion: 77 Resp: 532420

Ion Ratio Lower Upper

77 100

123 40.6 33.4 50.2

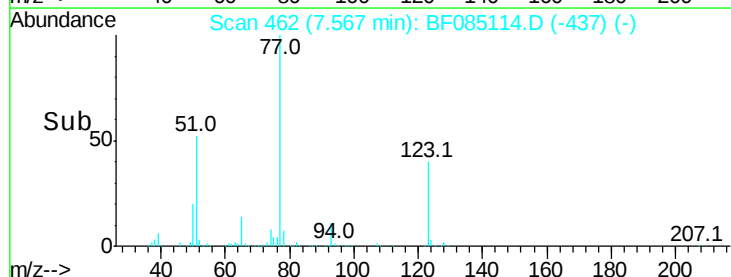
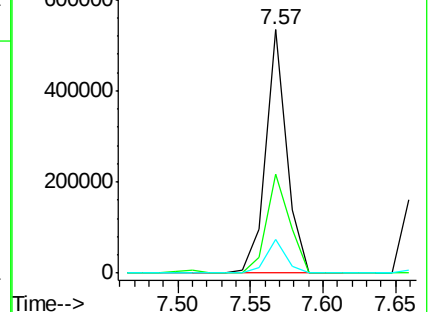
65 13.9 10.9 16.3

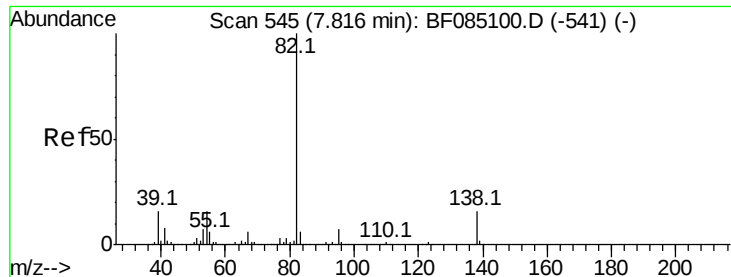


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.52 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampled :

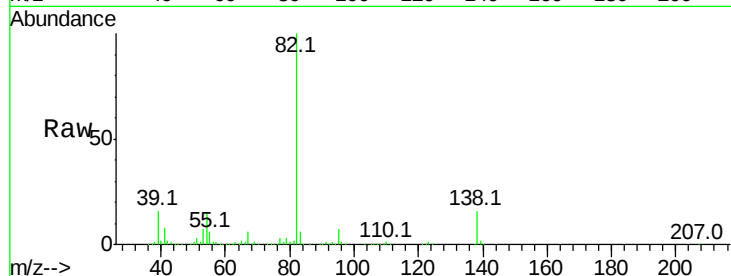
Tot Ion: 82 Resp: 1017861

Ion Ratio Lower Upper

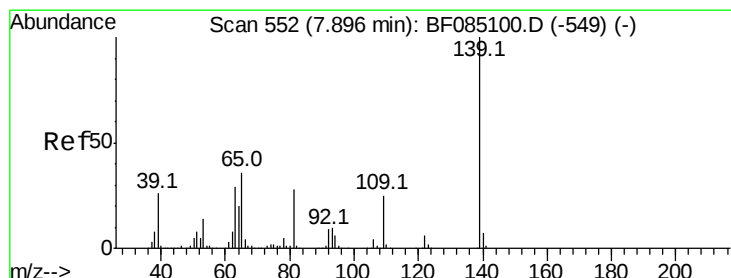
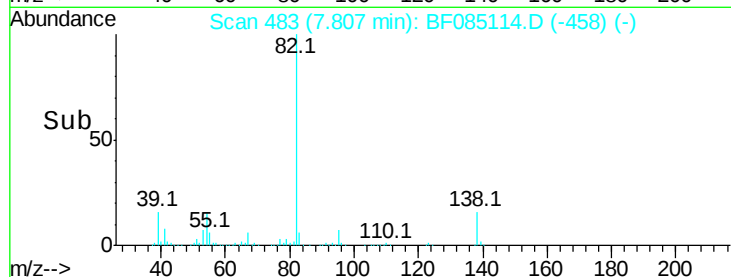
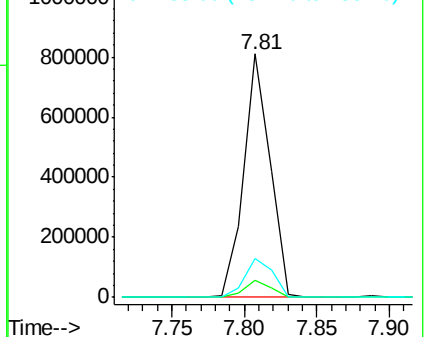
82 100

95 7.0 5.6 8.4

138 16.0 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: 38.68 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

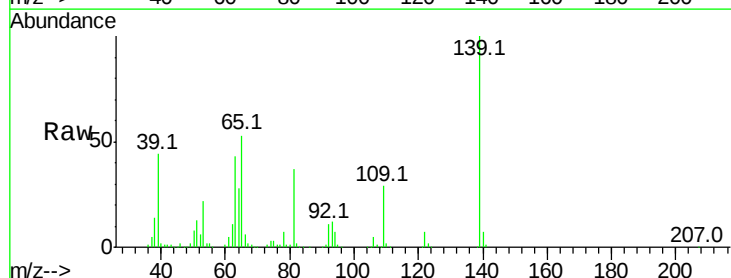
Tgt Ion: 139 Resp: 254455

Ion Ratio Lower Upper

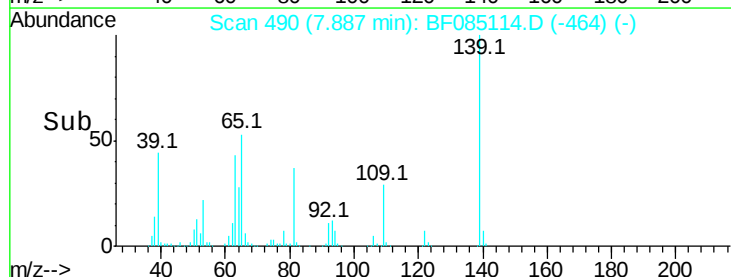
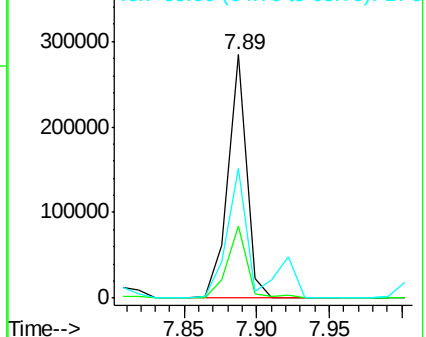
139 100

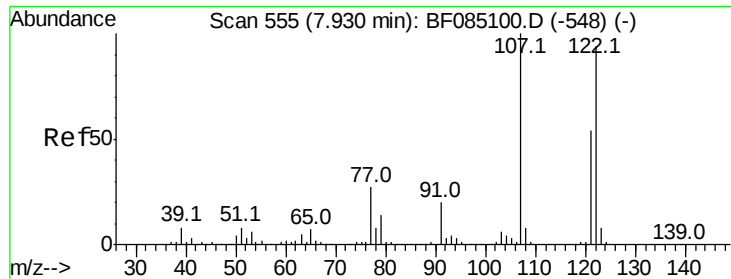
109 29.5 20.4 30.6

65 53.5 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

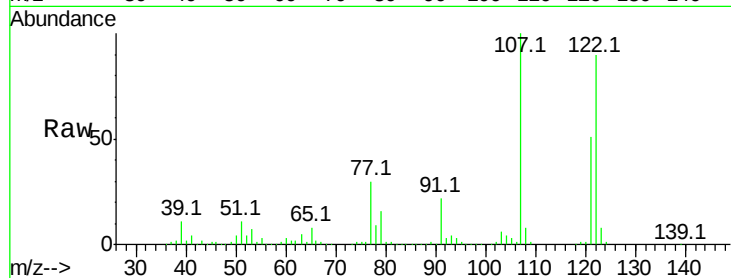




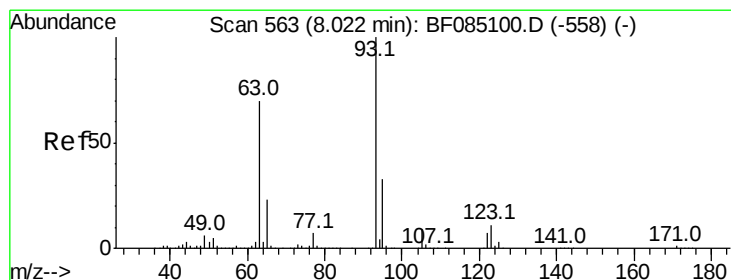
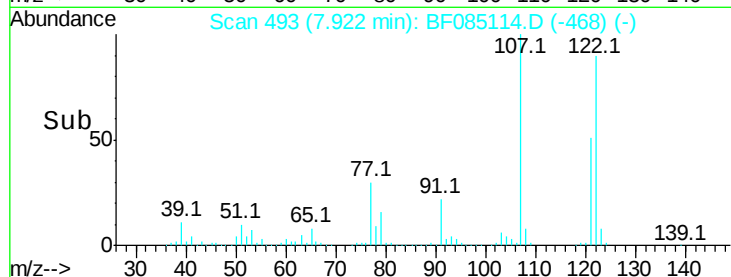
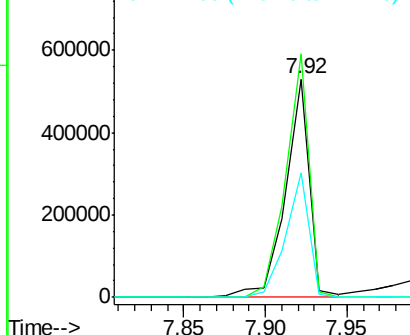
#27
 2,4-Dimethylphenol
 Concen: 42.63 ng
 RT: 7.92 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 543490
 Ion Ratio Lower Upper
 122 100
 107 111.4 85.0 127.4
 121 57.1 45.8 68.8

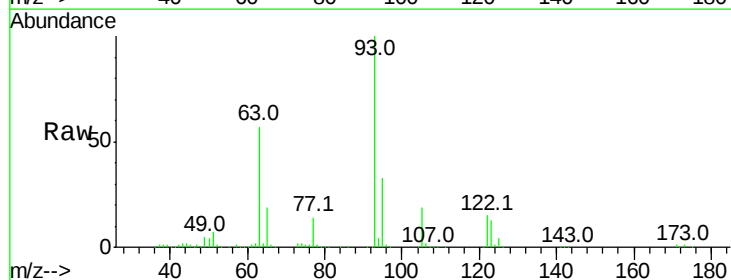


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

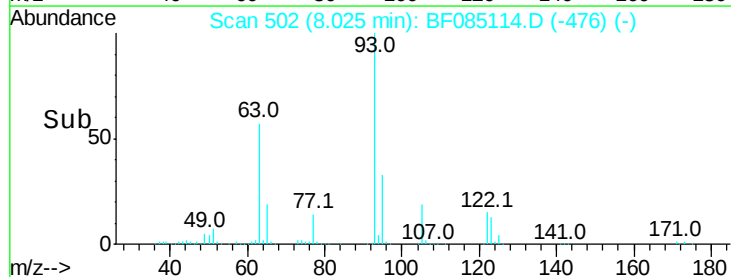
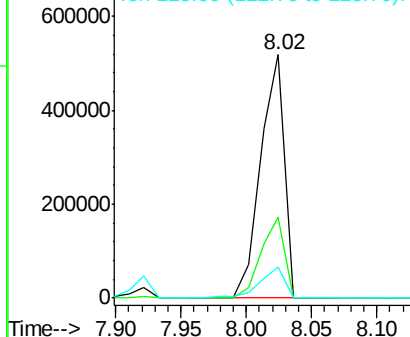


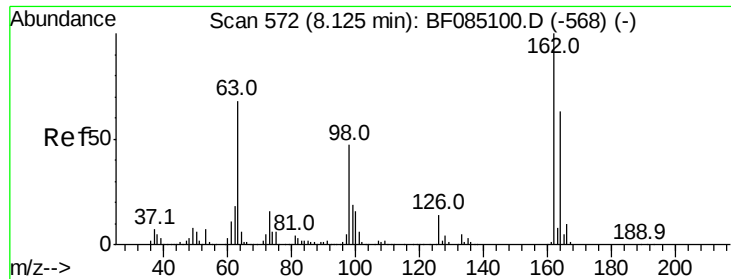
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.66 ng
 RT: 8.02 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion: 93 Resp: 653191
 Ion Ratio Lower Upper
 93 100
 95 33.4 26.2 39.4
 123 12.9 8.8 13.2



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

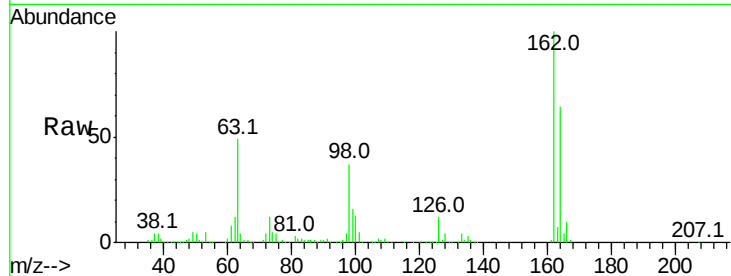




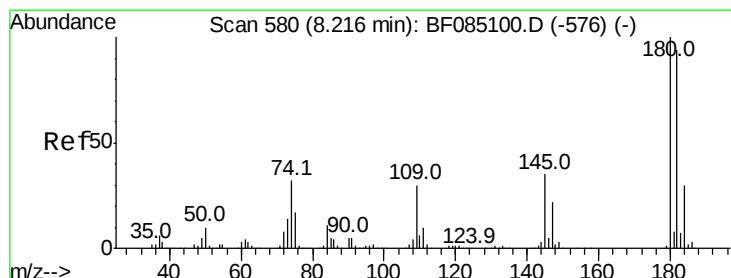
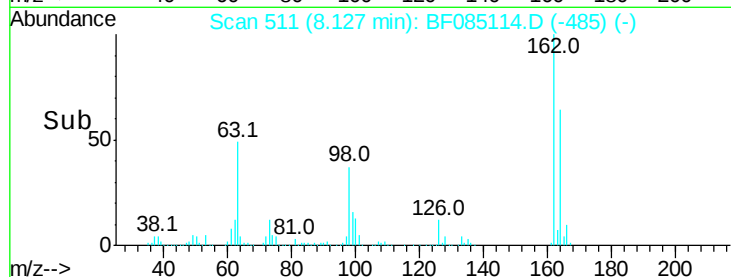
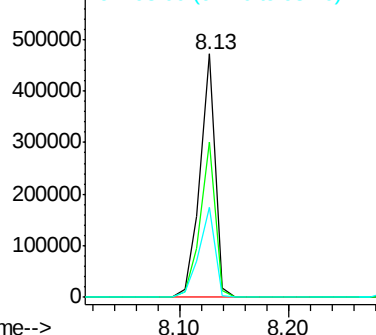
#29
2,4-Dichlorophenol
Concen: 43.49 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 456149
Ion Ratio Lower Upper
162 100
164 63.9 42.9 82.9
98 37.2 26.9 66.9

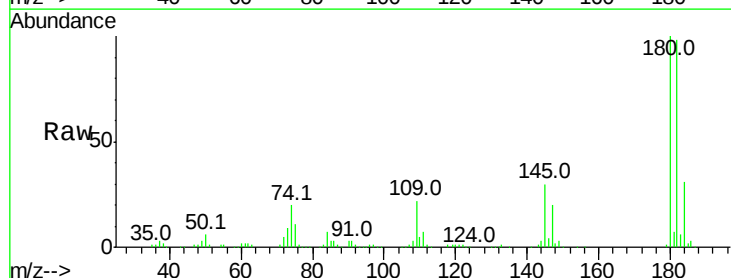


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

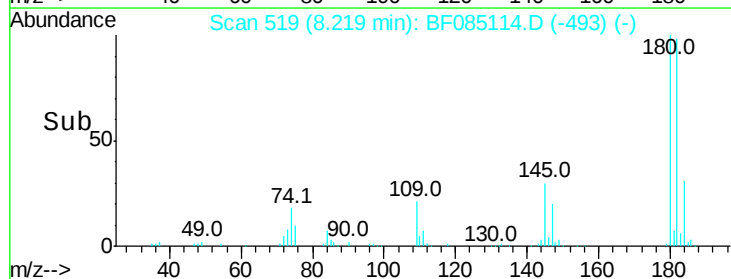
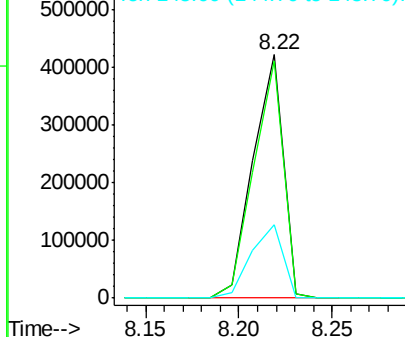


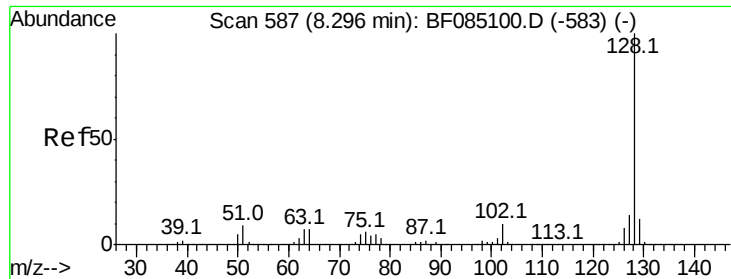
#30
1,2,4-Trichlorobenzene
Concen: 41.42 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:180 Resp: 473607
Ion Ratio Lower Upper
180 100
182 97.6 75.4 113.0
145 29.9 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

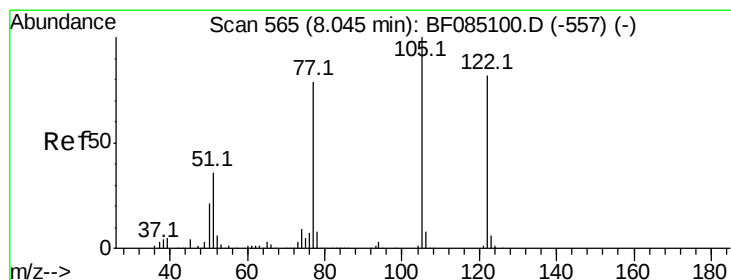
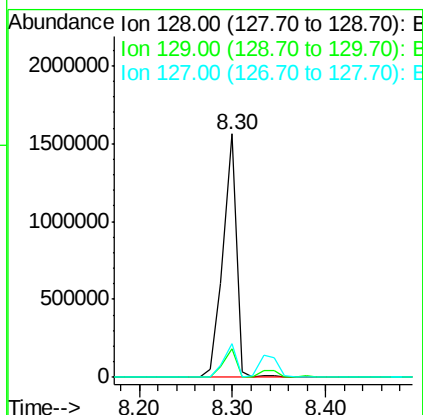
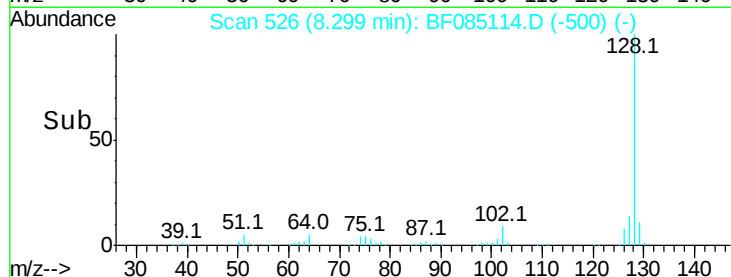
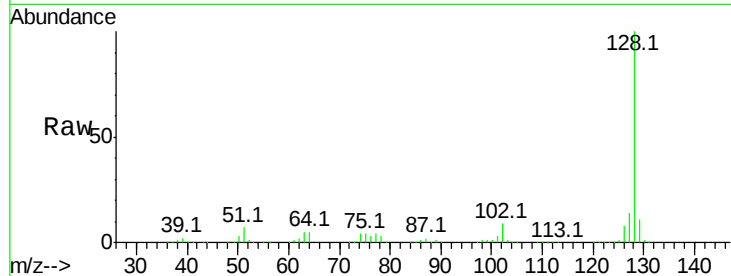




#31
Naphthalene
Concen: 40.96 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

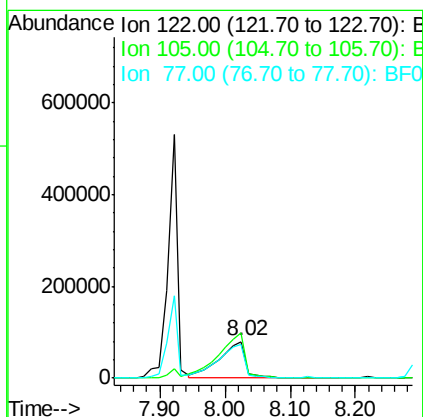
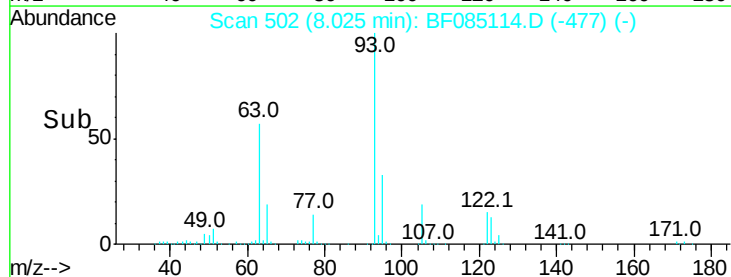
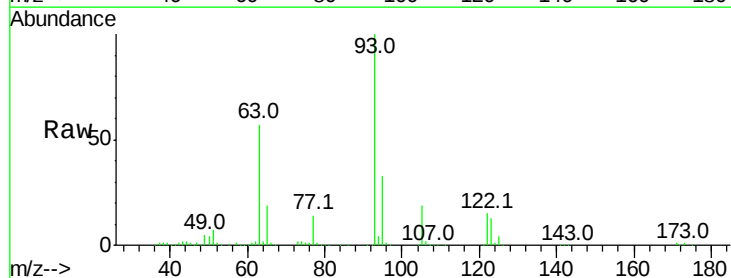
Instrument :
BNA_F
ClientSampleId :

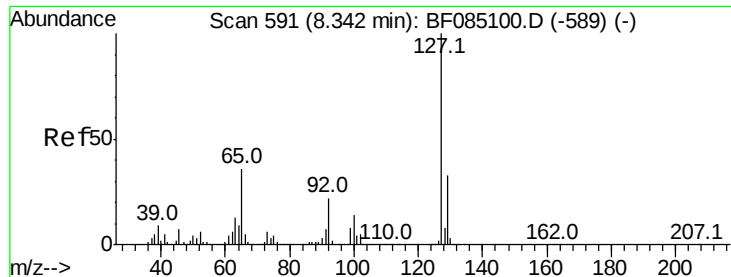
Tot Ion:128 Resp: 1562998
Ion Ratio Lower Upper
128 100
129 11.5 9.7 14.5
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 34.99 ng
RT: 8.02 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:122 Resp: 225092
Ion Ratio Lower Upper
122 100
105 125.1 102.0 142.0
77 92.6 76.8 116.8

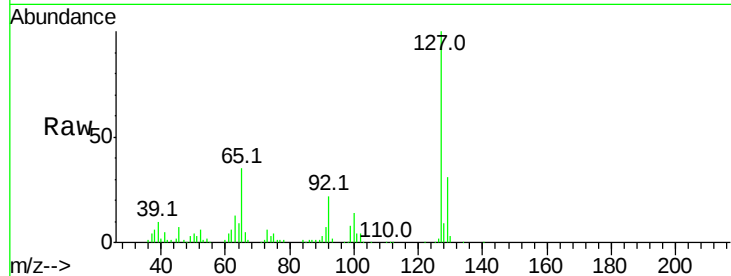




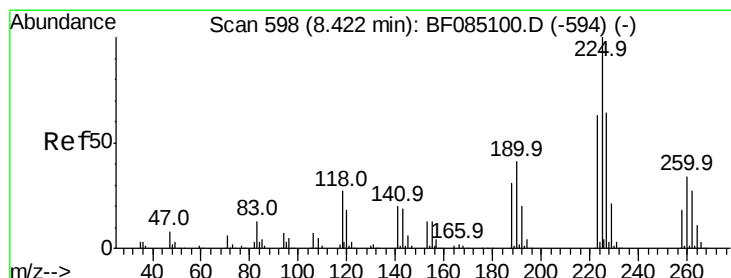
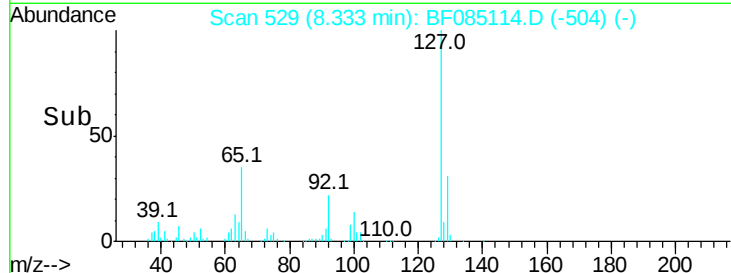
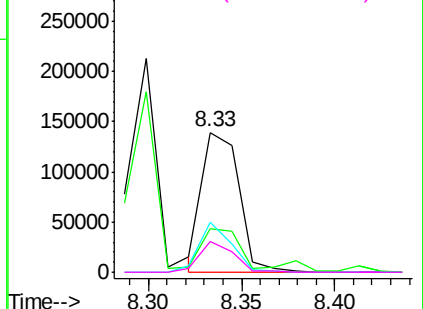
#33
4-Chloroaniline
Concen: 12.73 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	192069
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	35.5	28.6	43.0
92	21.8	17.8	26.8

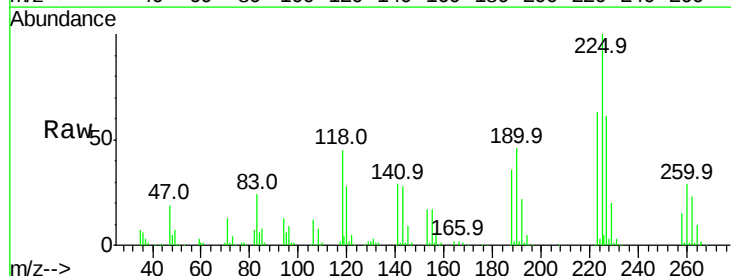


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

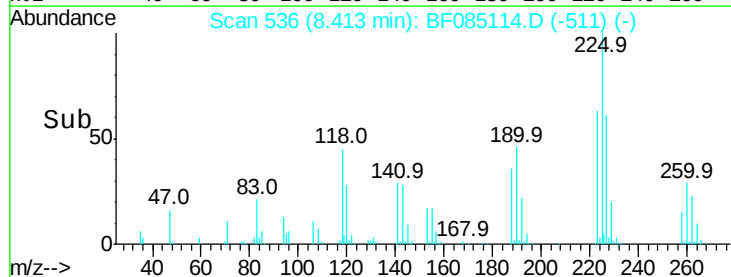
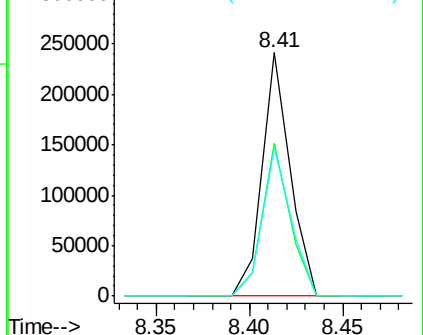


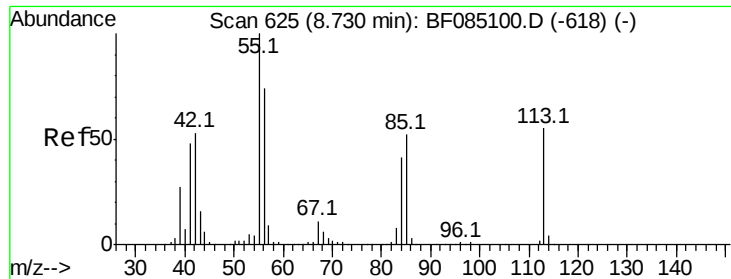
#34
Hexachlorobutadiene
Concen: 37.53 ng
RT: 8.41 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:	225	Resp:	248951
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	61.2	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

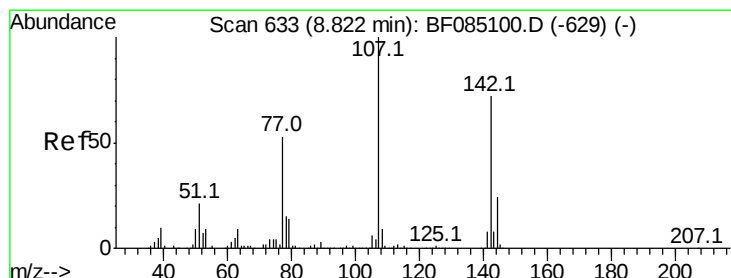
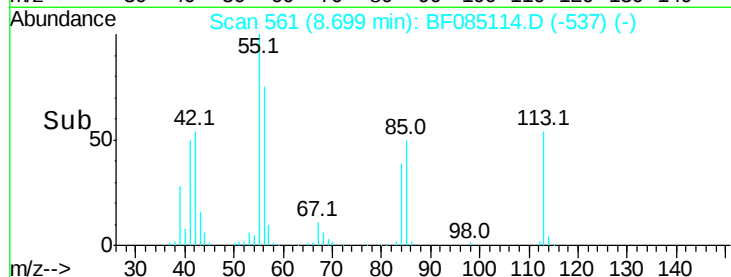
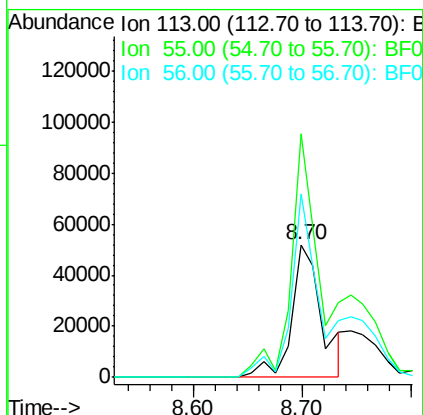
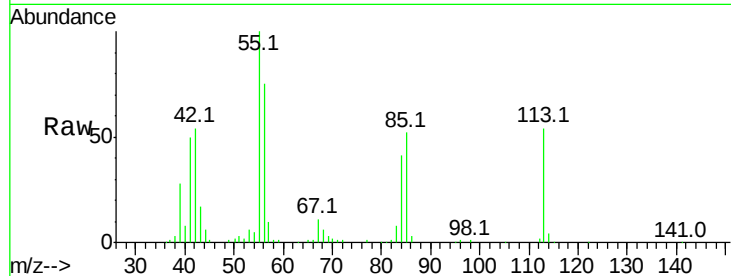




#35
Caprolactam
Concen: 30.53 ng
RT: 8.70 min Scan# 561
Delta R.T. -0.03 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

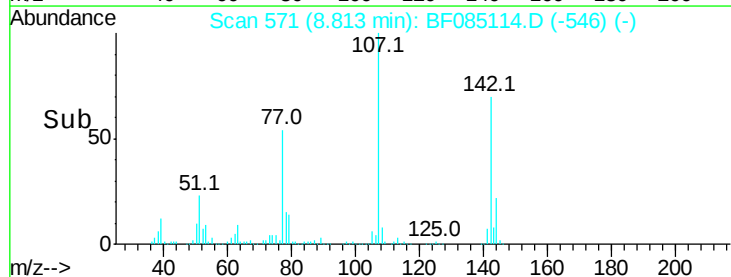
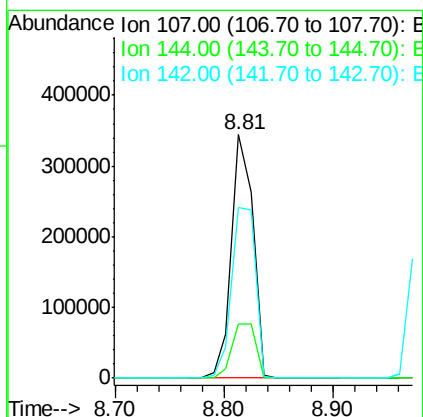
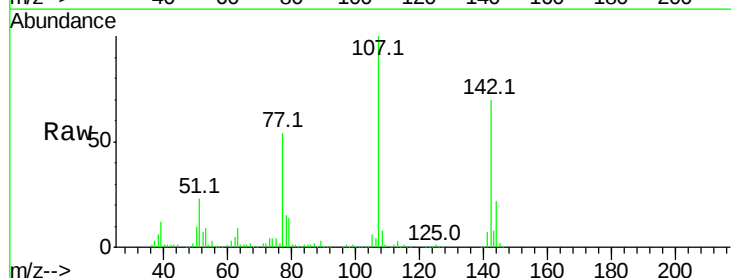
Instrument :
BNA_F
ClientSampleId :

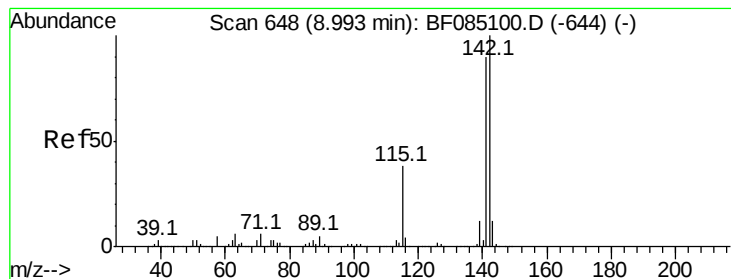
Tot Ion:113 Resp: 100519
Ion Ratio Lower Upper
113 100
55 183.9 162.9 202.9
56 138.6 114.5 154.5



#36
4-Chloro-3-methylphenol
Concen: 40.46 ng
RT: 8.81 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:107 Resp: 469239
Ion Ratio Lower Upper
107 100
144 22.0 18.9 28.3
142 69.9 57.9 86.9

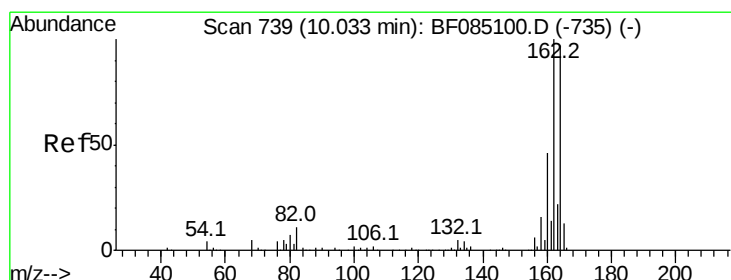
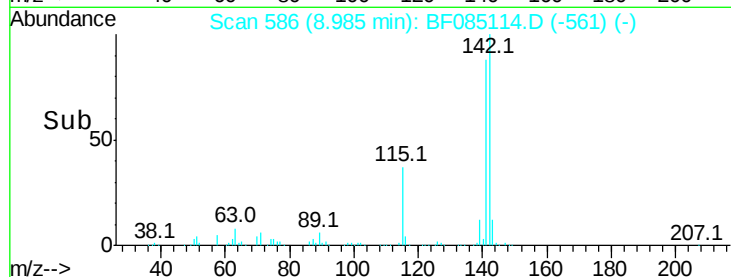
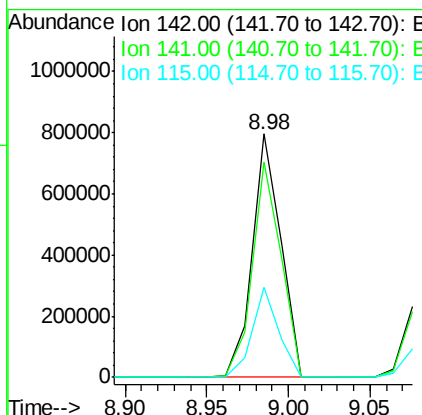
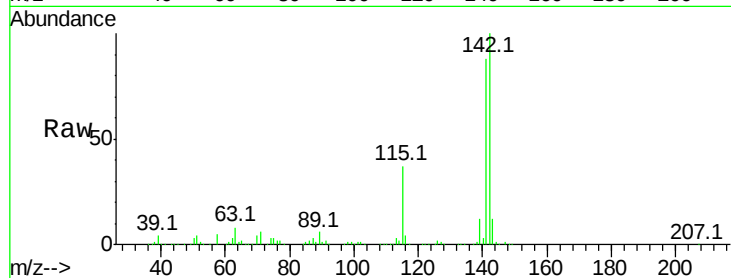




#37
2-Methylnaphthalene
Concen: 41.35 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

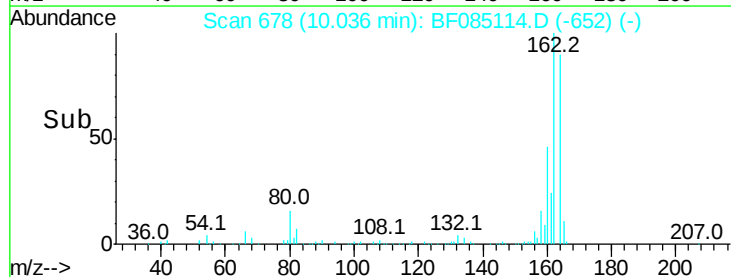
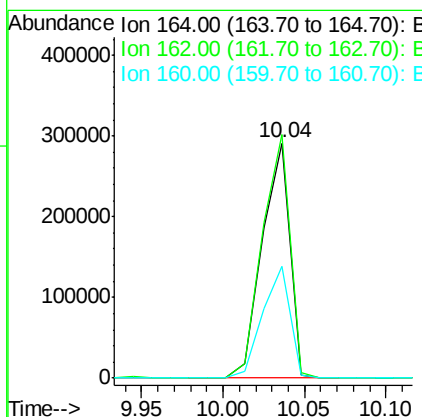
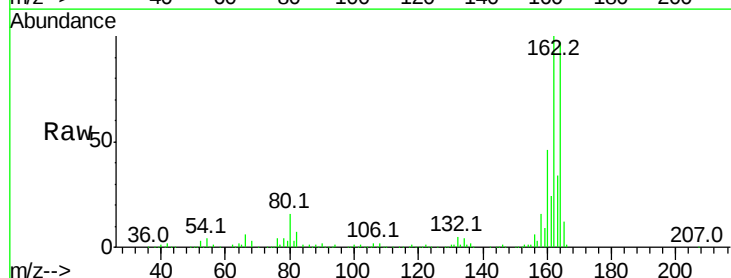
Instrument :
BNA_F
ClientSampleId :

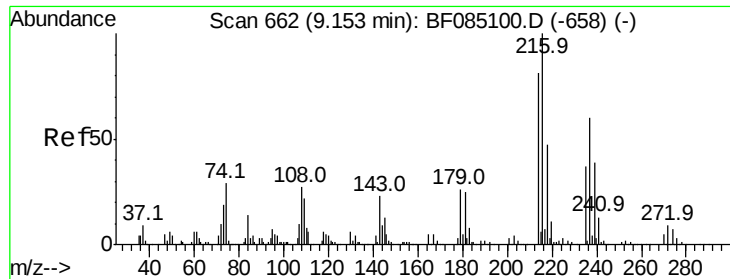
Tot Ion:142 Resp: 964340
Ion Ratio Lower Upper
142 100
141 88.2 71.7 107.5
115 37.1 30.1 45.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:164 Resp: 343155
Ion Ratio Lower Upper
164 100
162 103.6 82.6 123.8
160 47.8 38.2 57.2

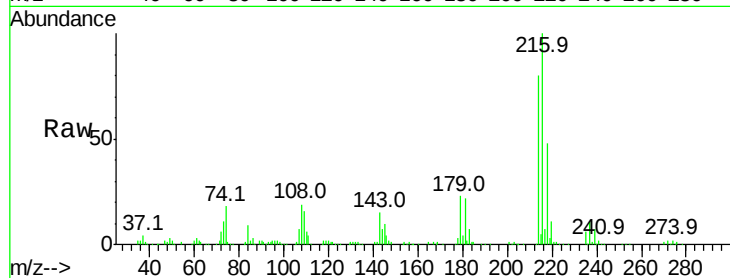




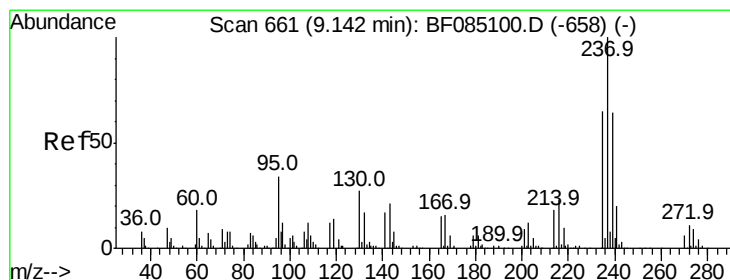
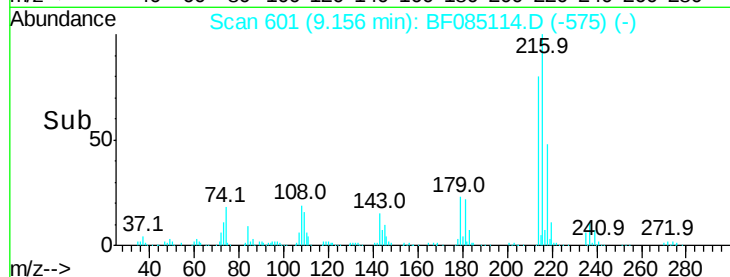
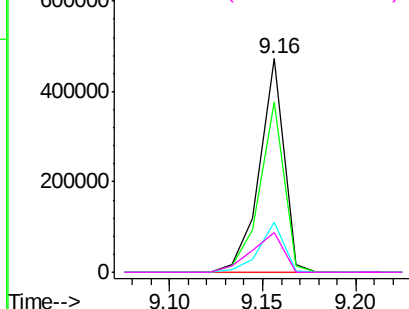
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.61 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	429149
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.7	95.5
179	23.1	18.1	27.1
108	24.3	17.1	25.7

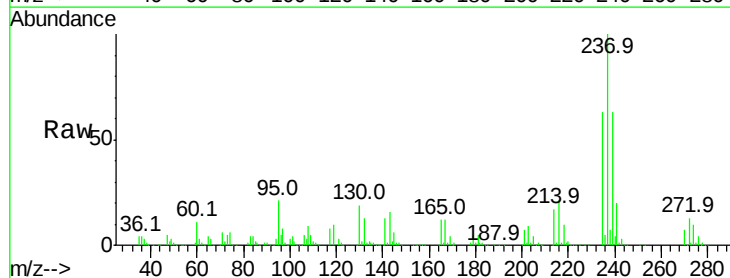


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

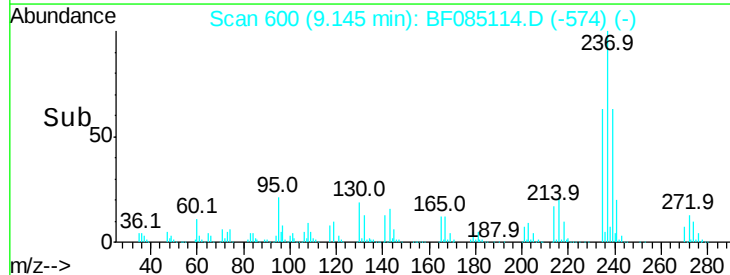
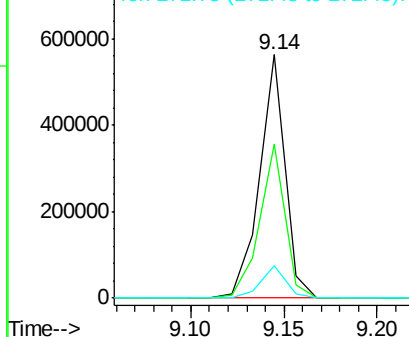


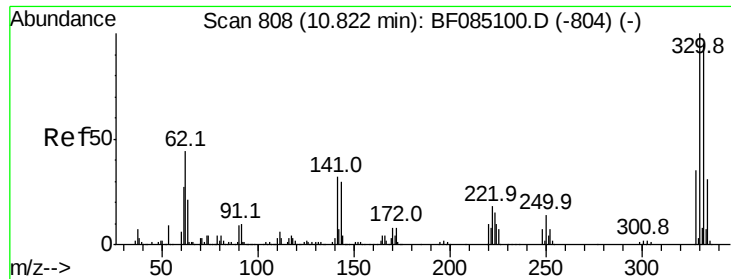
#40
 Hexachlorocyclopentadiene
 Concen: 87.63 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion:	237	Resp:	527238
Ion	Ratio	Lower	Upper
237	100		
235	63.2	45.3	85.3
272	13.1	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

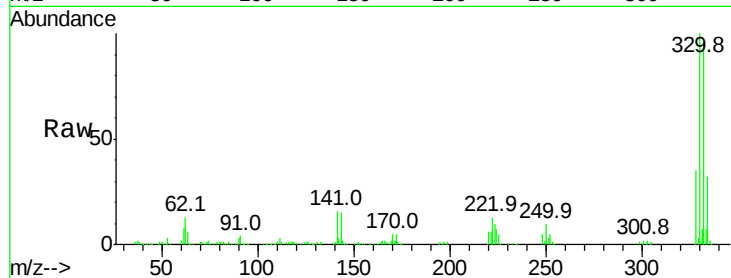




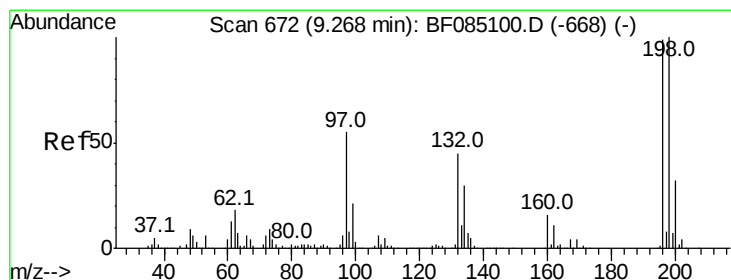
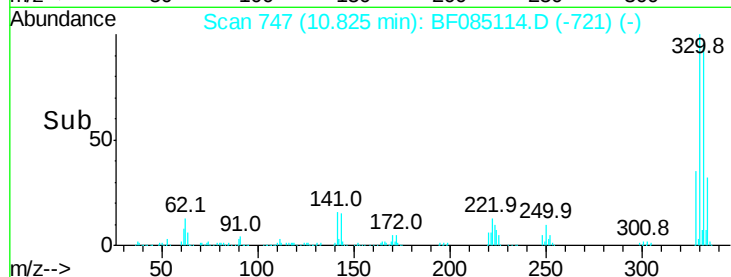
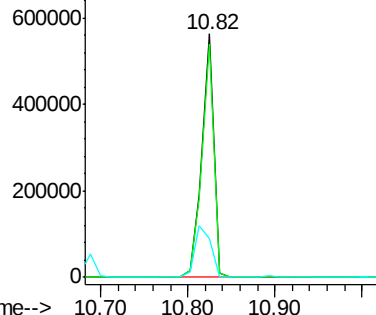
#41
 2,4,6-Tribromophenol
 Concen: 156.14 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.9	113.9
141	29.0	28.9	43.3

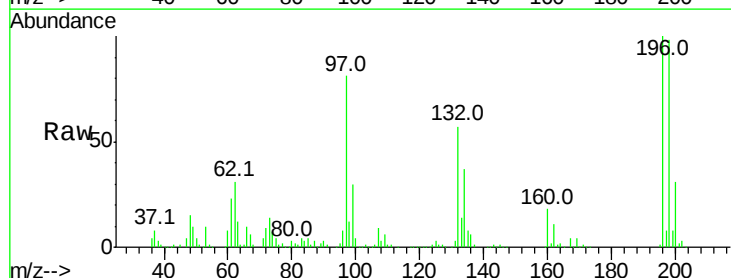


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

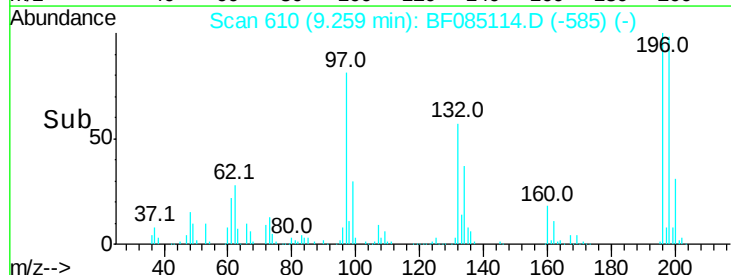
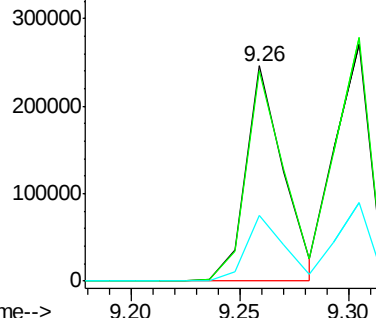


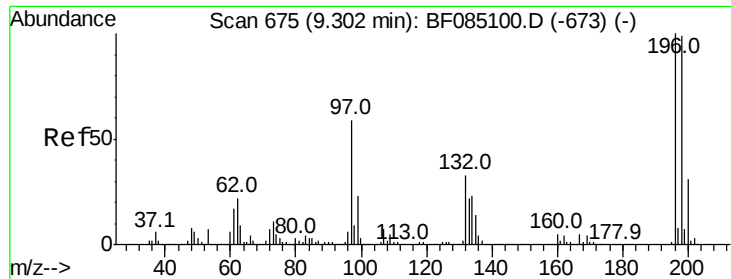
#42
 2,4,6-Trichlorophenol
 Concen: 41.74 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	80.4	120.6
200	30.6	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

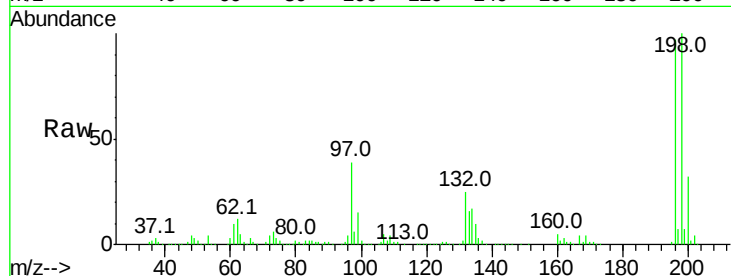




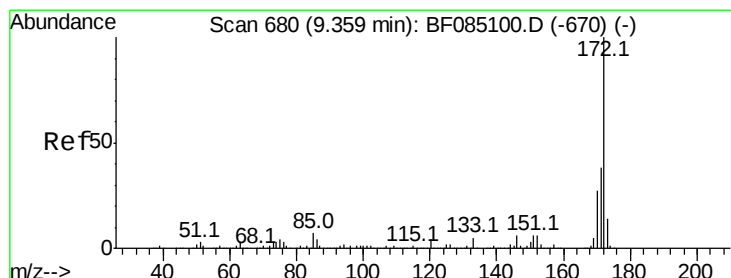
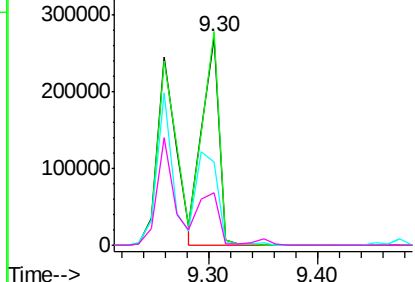
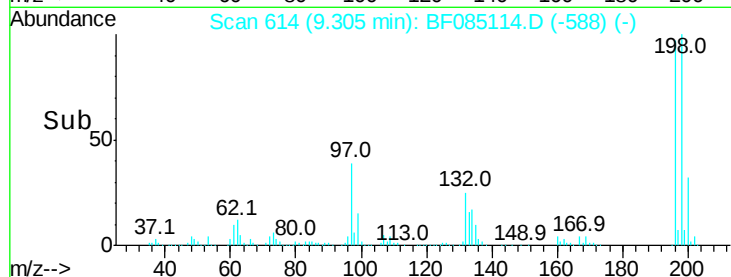
#43
 2,4,5-Trichlorophenol
 Concen: 43.66 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 297658
 Ion Ratio Lower Upper
 196 100
 198 102.9 79.5 119.3
 97 40.3 47.3 70.9#
 132 25.5 26.5 39.7#

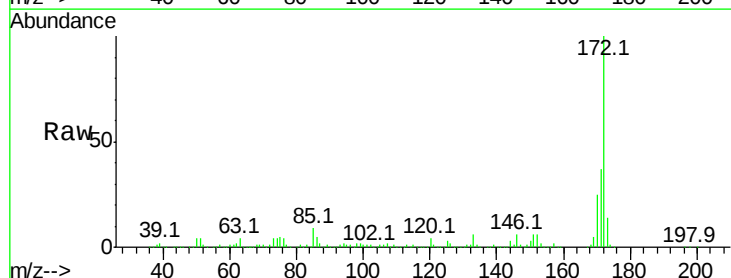


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

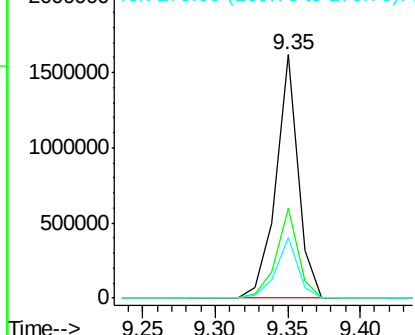
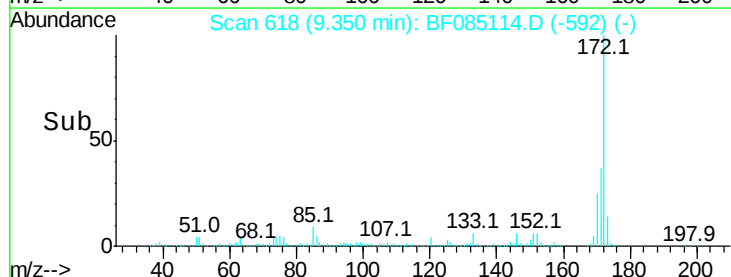


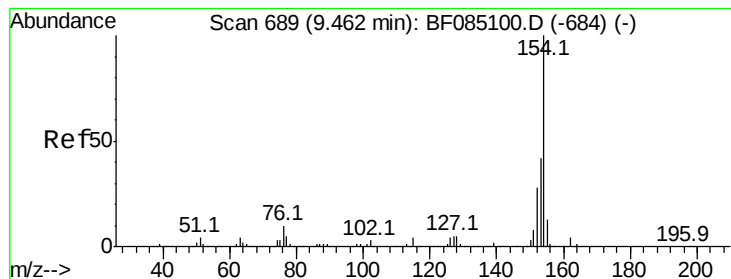
#44
 2-Fluorobiphenyl
 Concen: 73.62 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion:172 Resp: 1715274
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.5 45.7
 170 25.0 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: 39.67 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

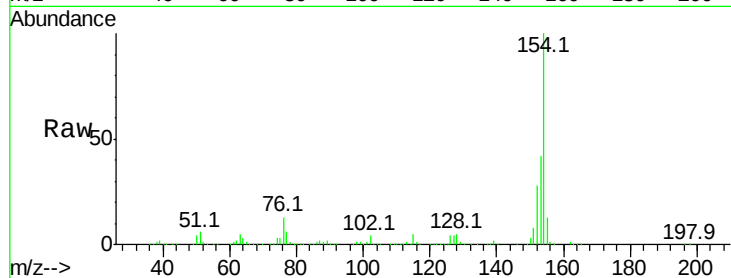
Tot Ion:154 Resp: 1208323

Ion Ratio Lower Upper

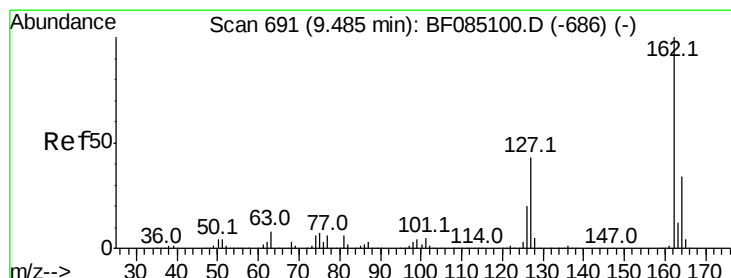
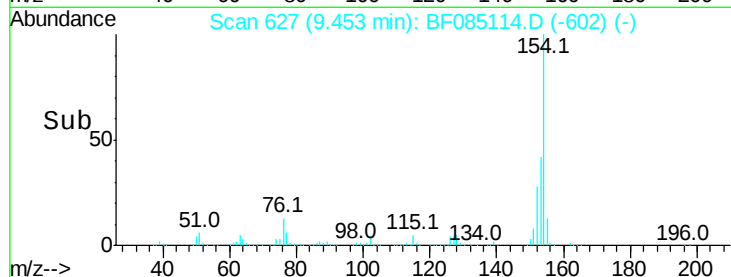
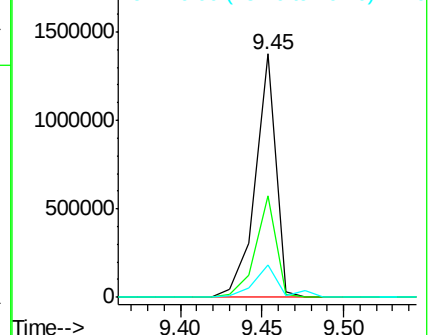
154 100

153 41.6 21.5 61.5

76 13.4 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: 39.03 ng

RT: 9.48 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

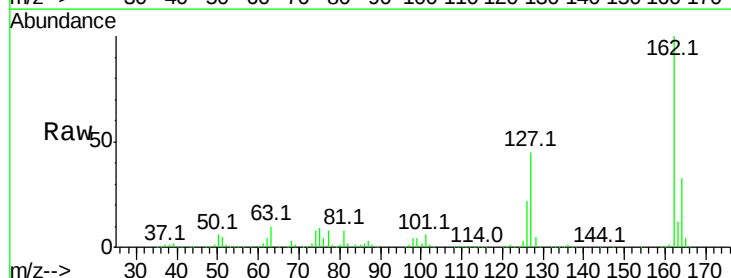
Tgt Ion:162 Resp: 867164

Ion Ratio Lower Upper

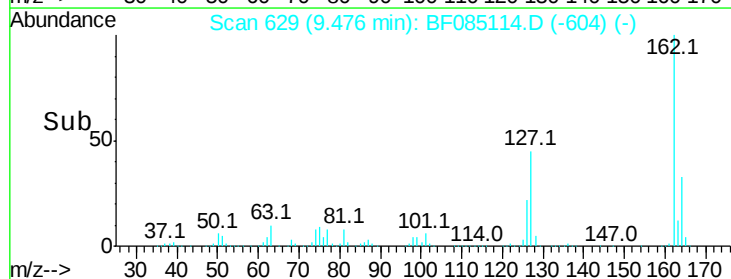
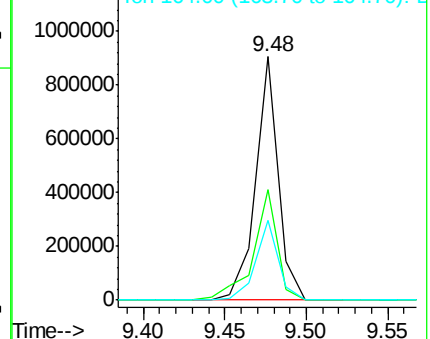
162 100

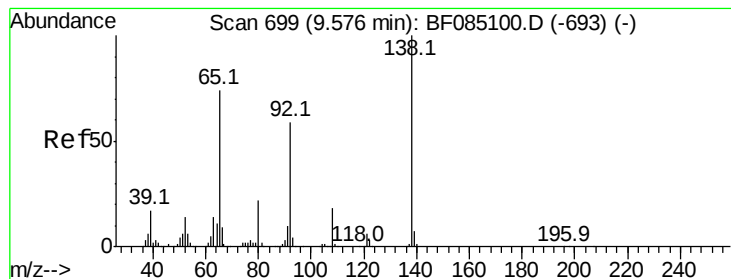
127 45.2 34.2 51.4

164 33.0 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: 43.12 ng

RT: 9.57 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

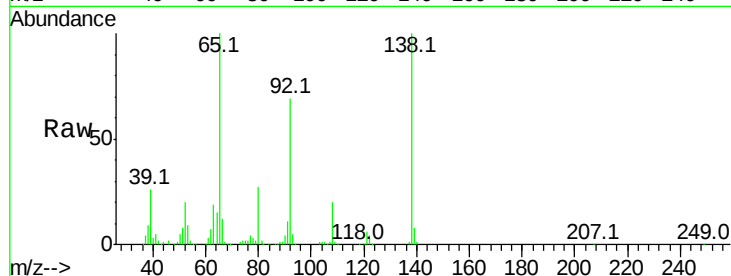
Tot Ion: 65 Resp: 300738

Ion Ratio Lower Upper

65 100

92 68.7 63.8 95.6

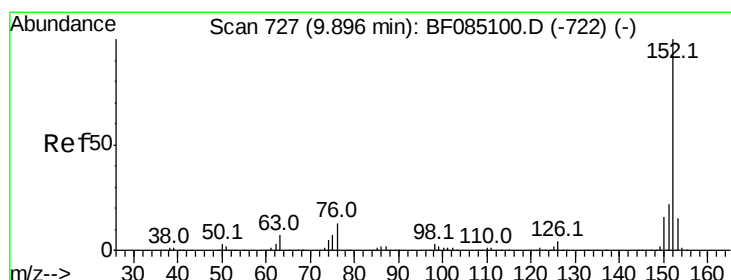
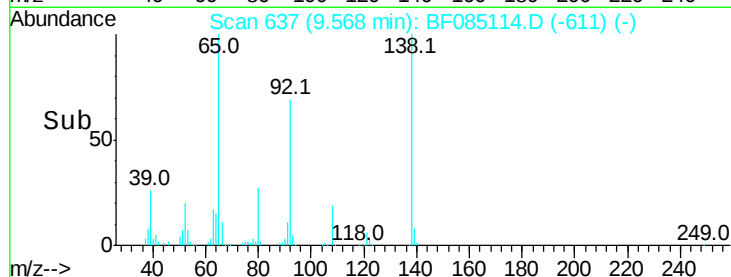
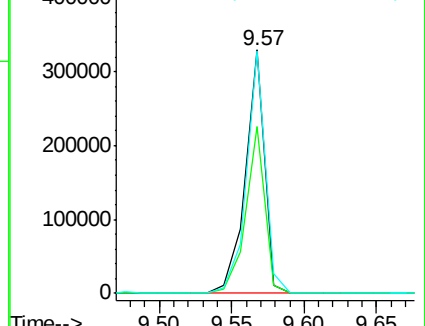
138 99.8 108.5 162.7#



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): BF0



#48

Acenaphthylene

Concen: 43.82 ng

RT: 9.90 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

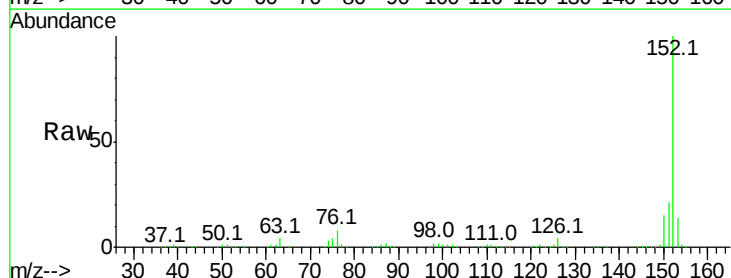
Tgt Ion:152 Resp: 1446994

Ion Ratio Lower Upper

152 100

151 20.6 17.4 26.0

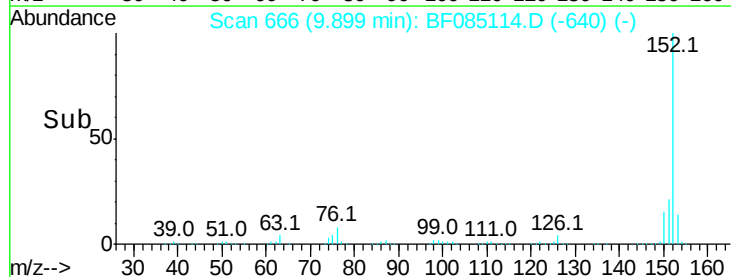
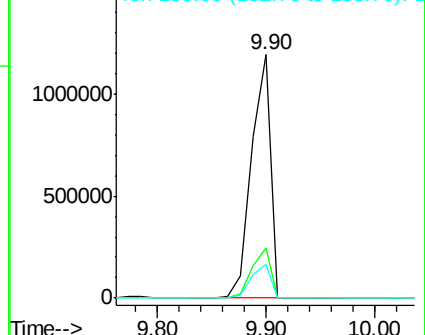
153 13.8 12.0 18.0

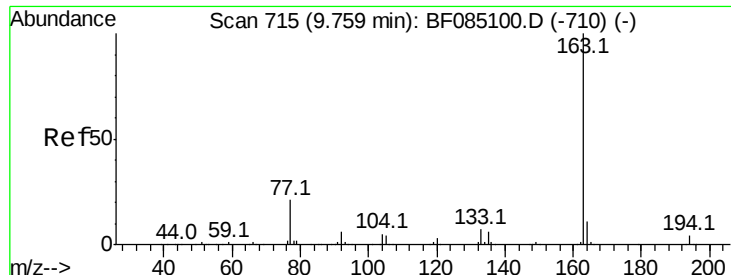


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 39.37 ng

RT: 9.75 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampled :

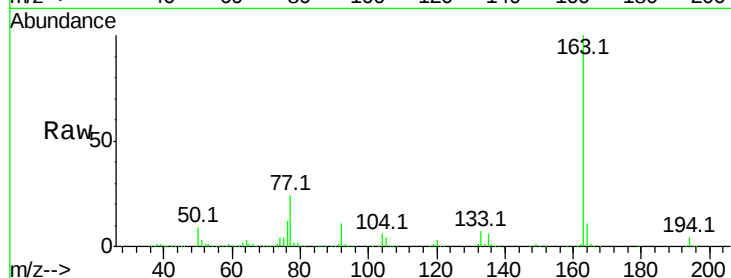
Tot Ion:163 Resp: 1001616

Ion Ratio Lower Upper

163 100

194 3.6 2.9 4.3

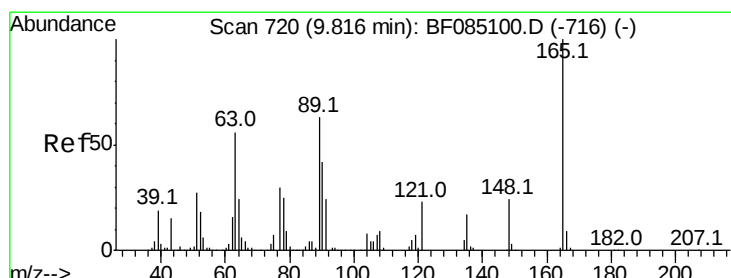
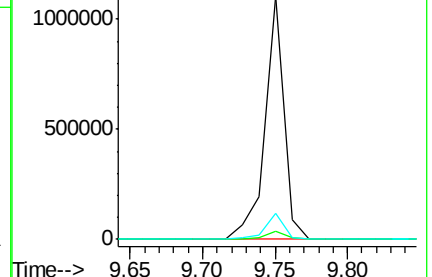
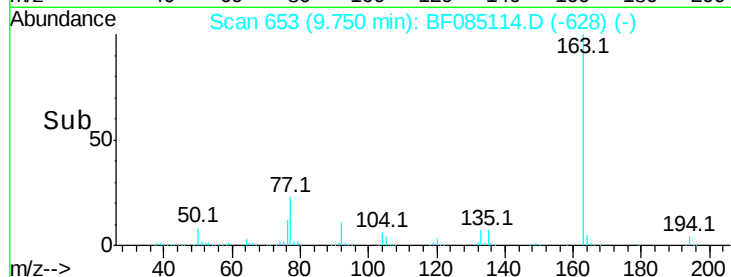
164 10.9 8.6 12.8



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: 39.14 ng

RT: 9.81 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

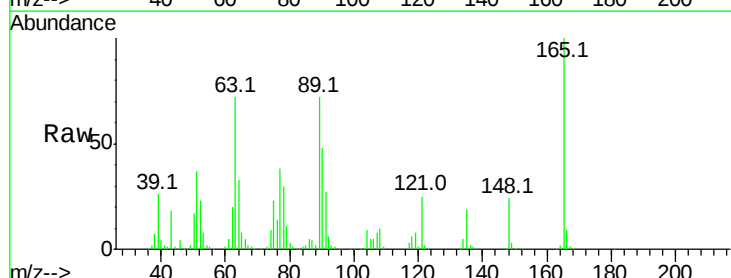
Tgt Ion:165 Resp: 206528

Ion Ratio Lower Upper

165 100

63 72.1 47.4 71.2#

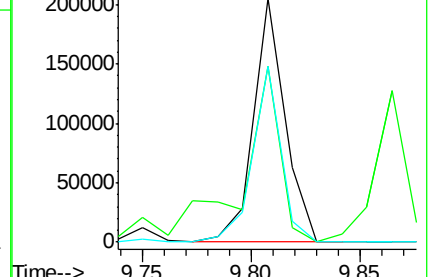
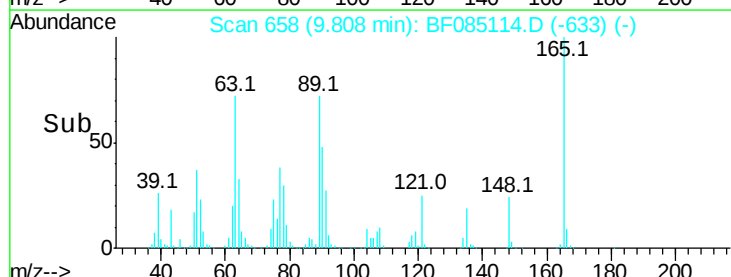
89 72.3 50.2 75.2

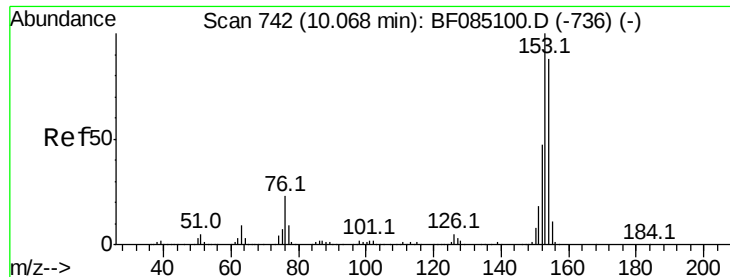


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.06 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

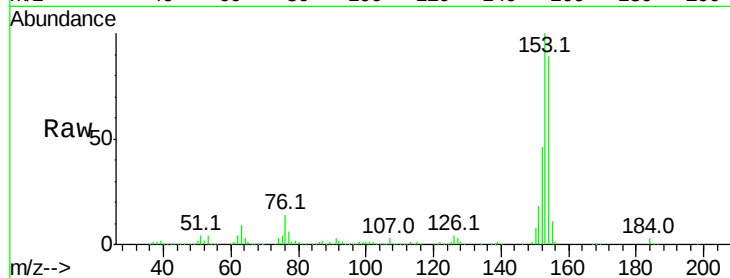
Tot Ion:154 Resp: 996259

Ion Ratio Lower Upper

154 100

153 112.2 91.0 136.6

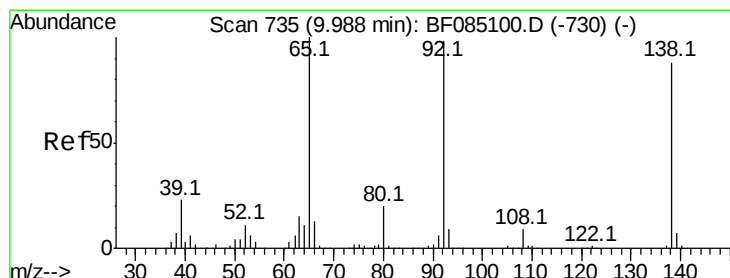
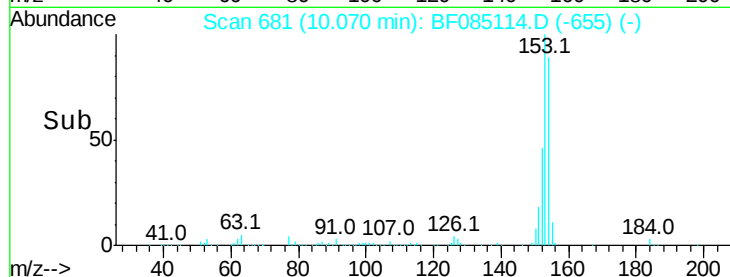
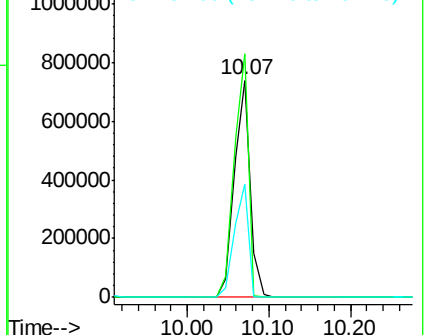
152 52.1 43.0 64.6



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: 22.72 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

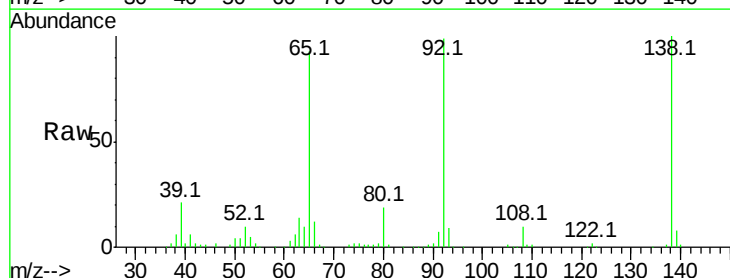
Tgt Ion:138 Resp: 142376

Ion Ratio Lower Upper

138 100

108 10.1 8.2 12.2

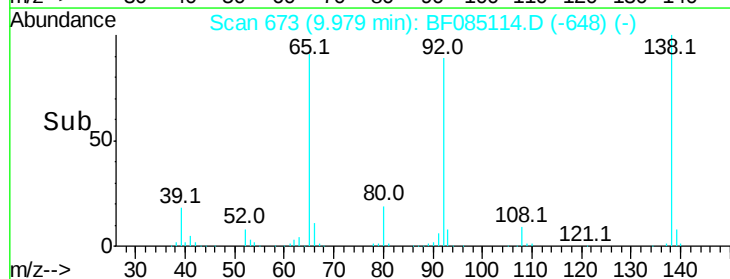
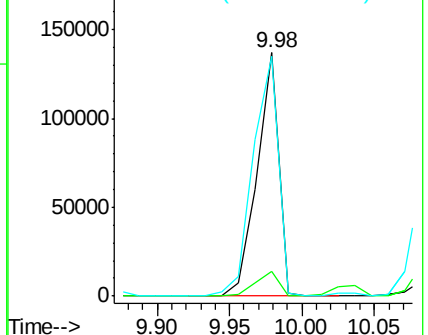
92 98.7 89.0 133.6

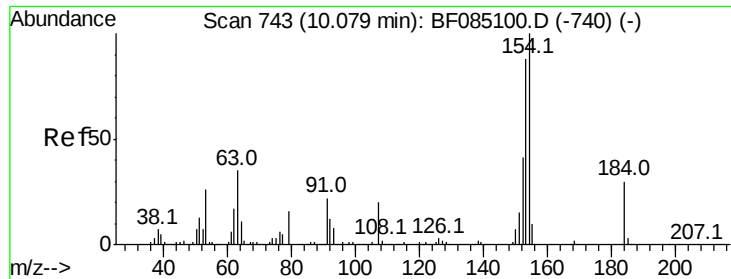


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

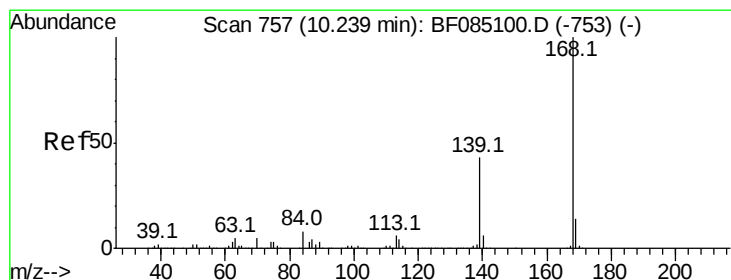
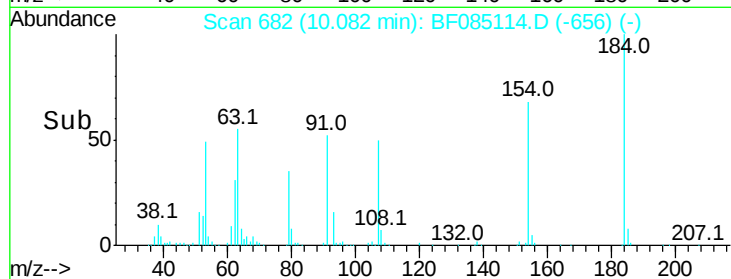
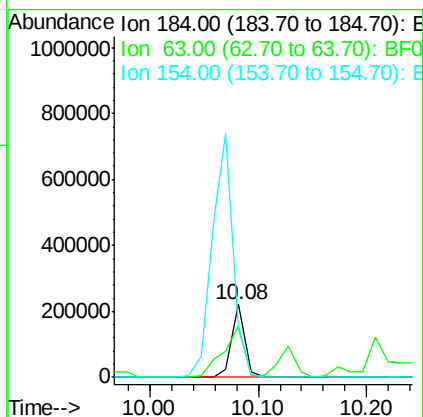
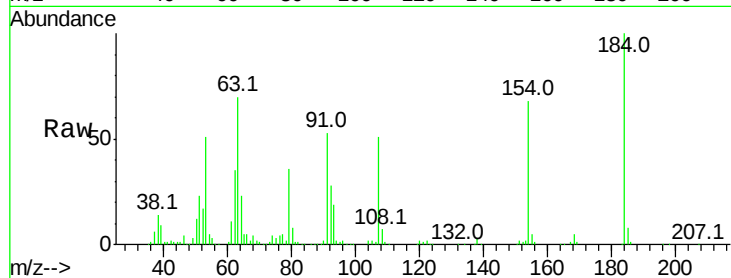




#53
2,4-Dinitrophenol
Concen: 73.88 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

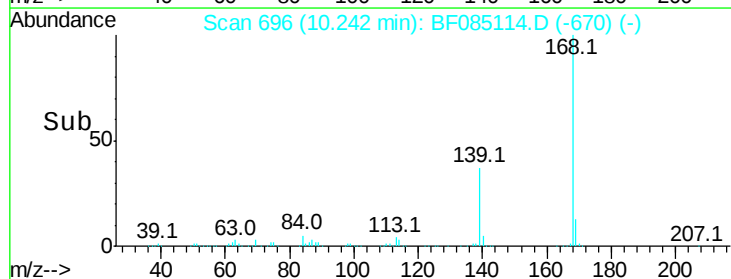
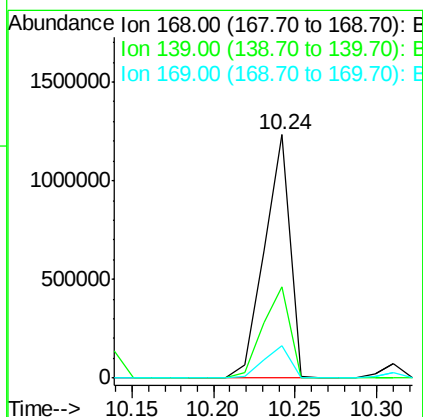
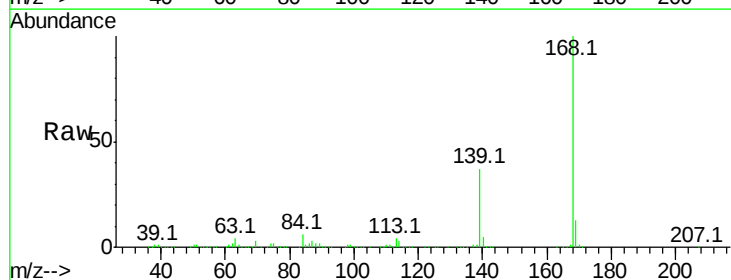
Instrument :
BNA_F
ClientSampleId :

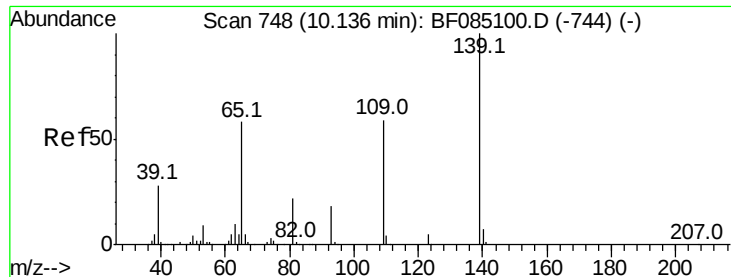
Tot Ion:184 Resp: 184537
Ion Ratio Lower Upper
184 100
63 70.2 94.0 141.0#
154 67.8 269.8 404.8#



#54
Dibenzofuran
Concen: 49.94 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:168 Resp: 1343844
Ion Ratio Lower Upper
168 100
139 37.5 34.2 51.2
169 13.4 11.4 17.2





#55

4-Nitrophenol

Concen: 78.39 ng

RT: 10.13 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampled :

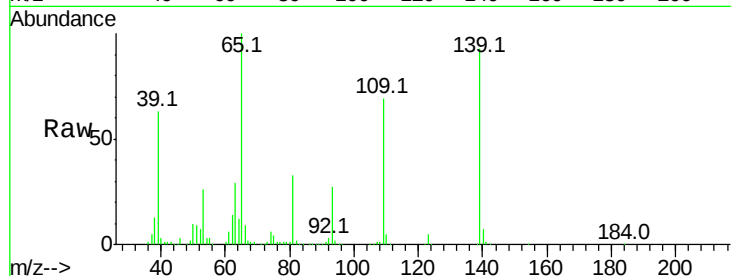
Tot Ion:139 Resp: 377003

Ion Ratio Lower Upper

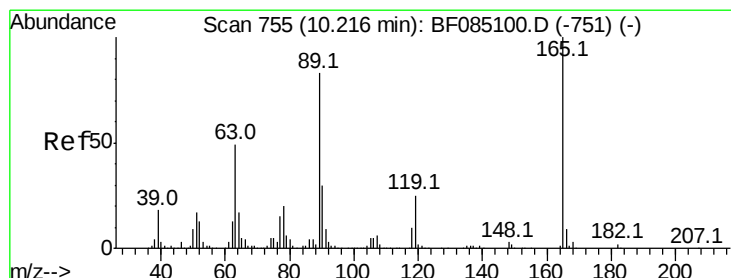
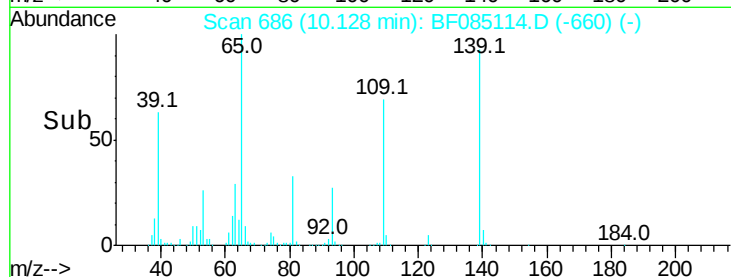
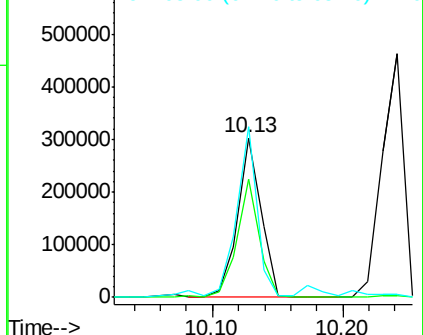
139 100

109 74.3 39.5 79.5

65 107.1 38.4 78.4#



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



#56

2,4-Dinitrotoluene

Concen: 43.86 ng

RT: 10.22 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion:165 Resp: 311794

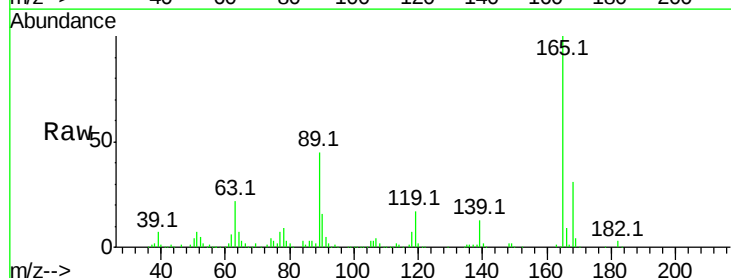
Ion Ratio Lower Upper

165 100

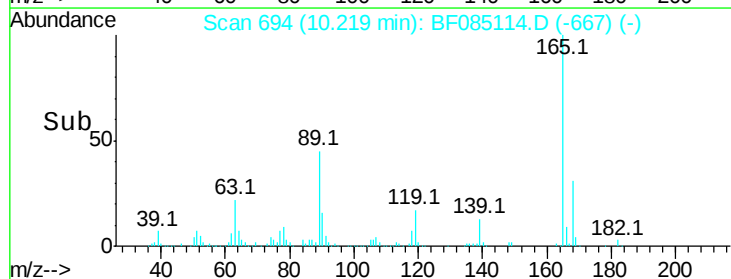
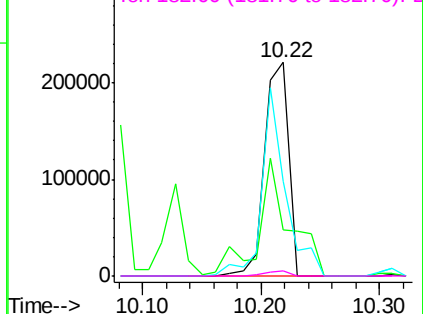
63 21.8 39.2 58.8#

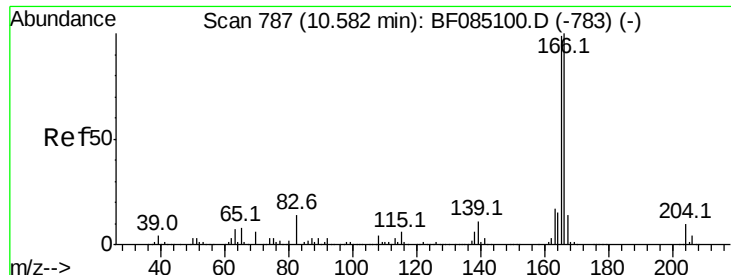
89 44.5 66.2 99.4#

182 2.5 1.8 2.8



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

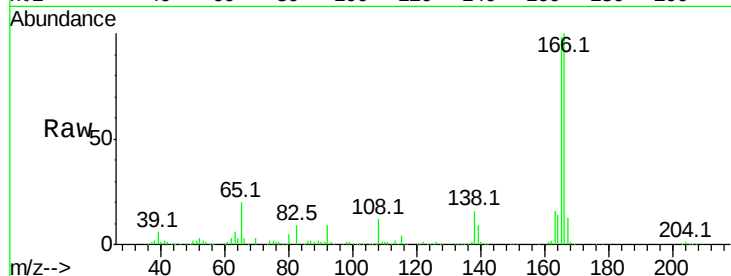




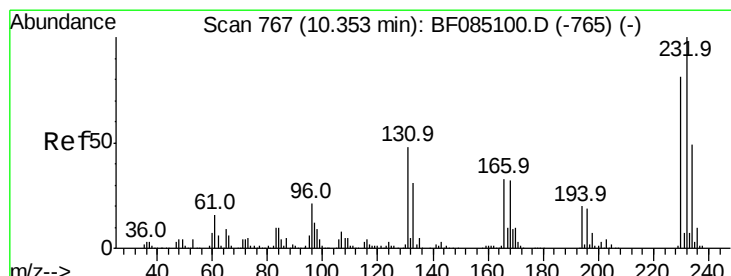
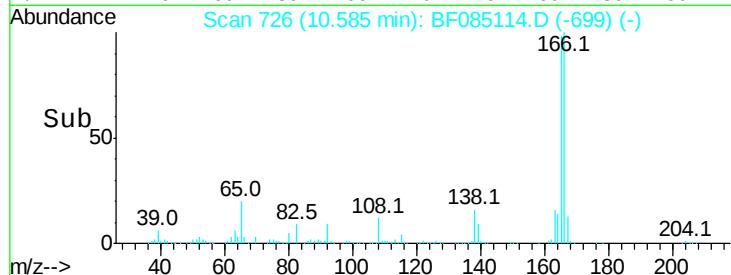
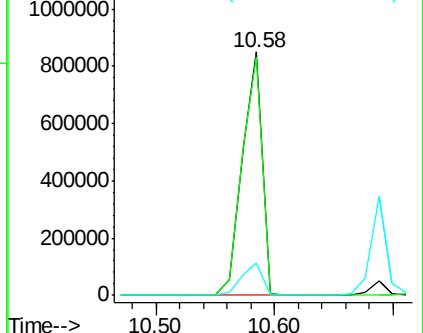
#57
 Fluorene
 Concen: 46.60 ng
 RT: 10.58 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 986141
 Ion Ratio Lower Upper
 166 100
 165 98.1 79.4 119.2
 167 13.2 11.2 16.8



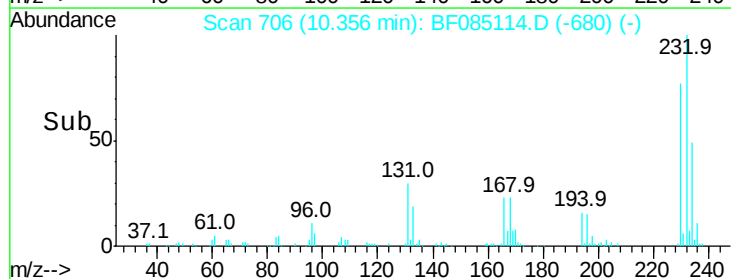
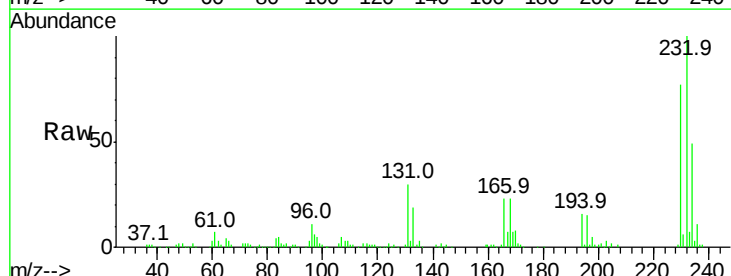
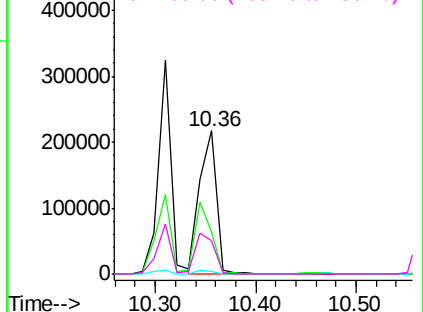
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

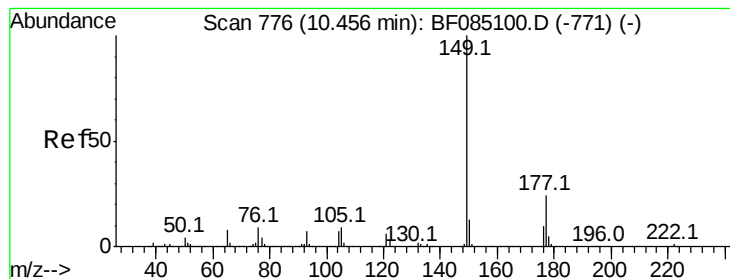


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.77 ng
 RT: 10.36 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion:232 Resp: 257078
 Ion Ratio Lower Upper
 232 100
 131 49.0 41.6 62.4
 130 2.4 2.1 3.1
 166 31.4 26.8 40.2

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





#59

Diethylphthalate

Concen: 39.53 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampled :

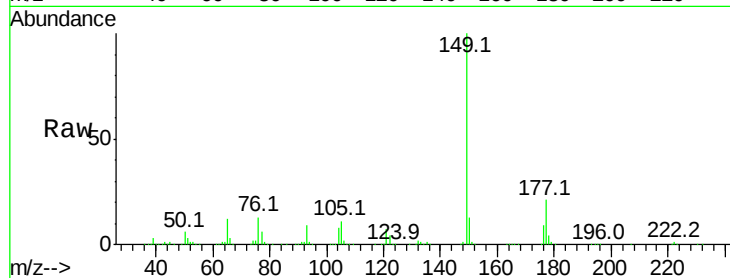
Tot Ion:149 Resp: 963861

Ion Ratio Lower Upper

149 100

177 21.4 19.4 29.2

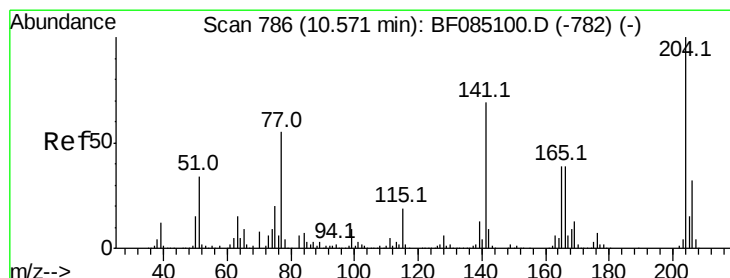
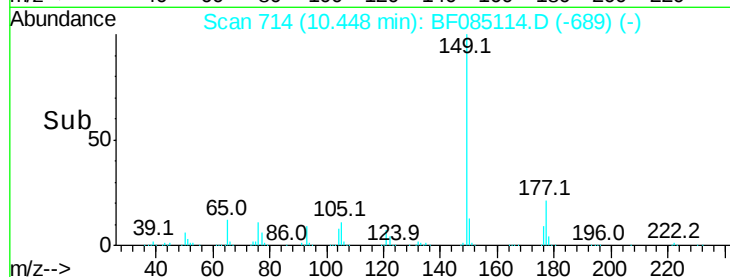
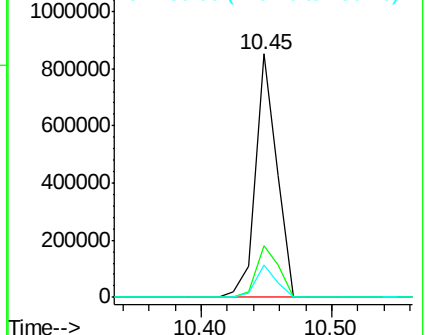
150 13.2 10.1 15.1



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: 44.80 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

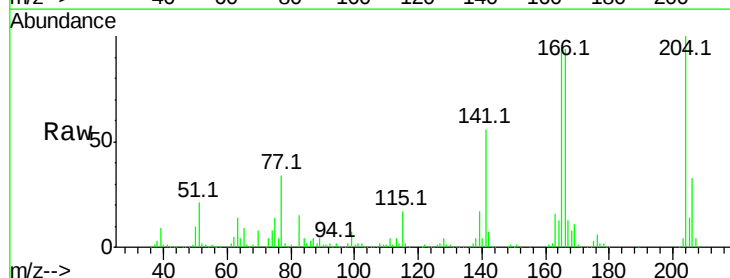
Tgt Ion:204 Resp: 488627

Ion Ratio Lower Upper

204 100

206 33.0 25.7 38.5

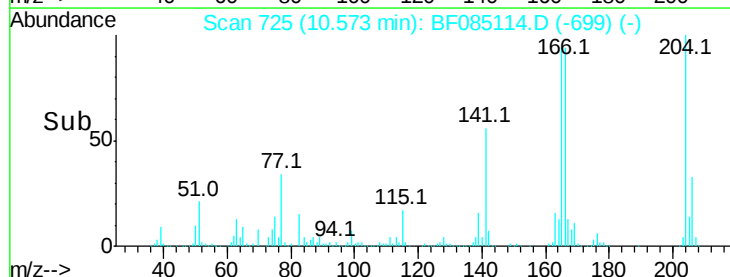
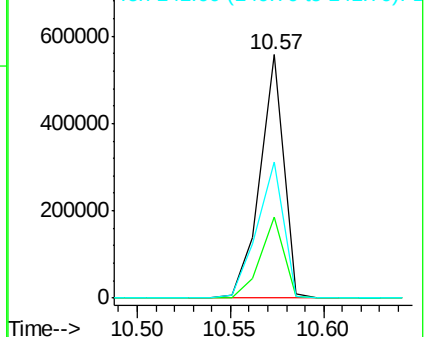
141 55.8 55.3 82.9

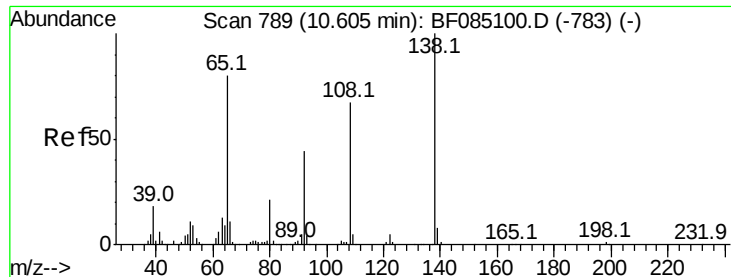


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.36 ng

RT: 10.60 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

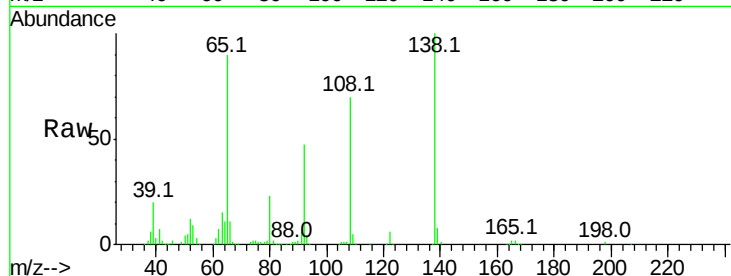
Tot Ion:138 Resp: 266460

Ion Ratio Lower Upper

138 100

92 46.7 23.5 63.5

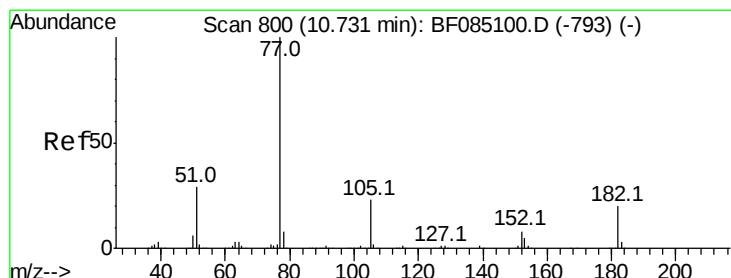
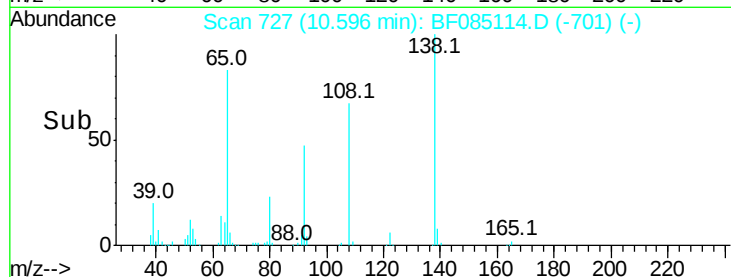
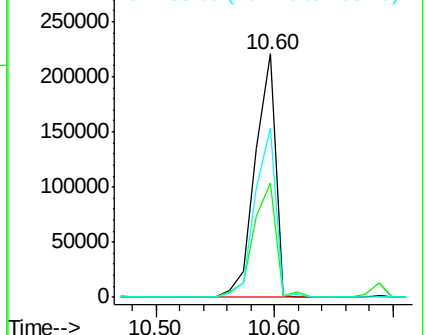
108 69.6 46.8 86.8



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: 49.72 ng

RT: 10.73 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion: 77 Resp: 1224974

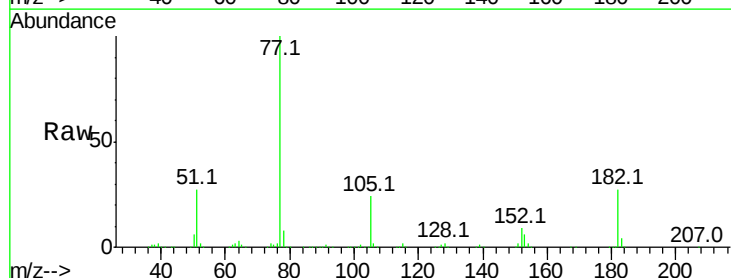
Ion Ratio Lower Upper

77 100

182 26.9 0.0 39.8

105 24.5 2.7 42.7

51 26.9 9.4 49.4

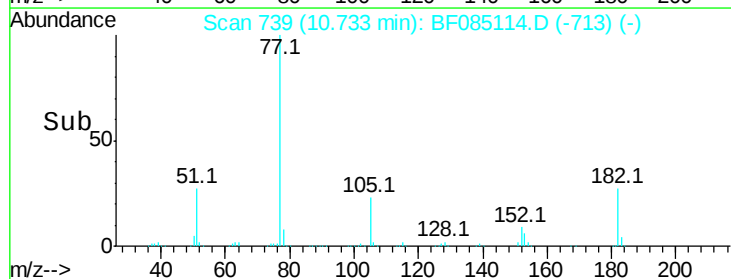
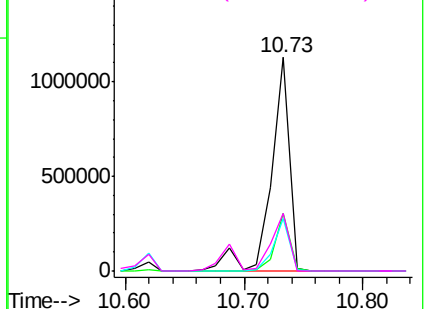


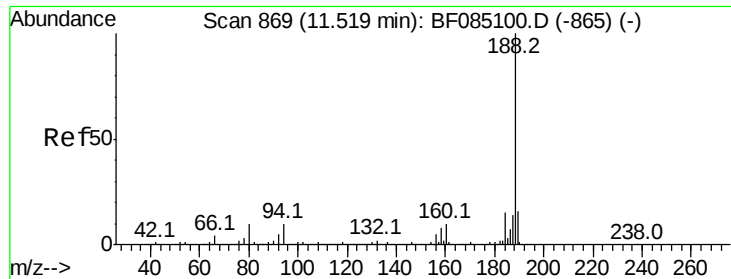
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

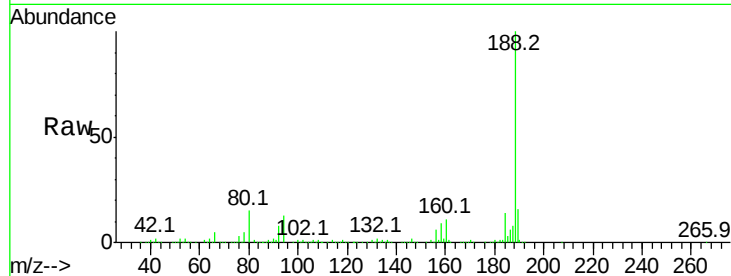




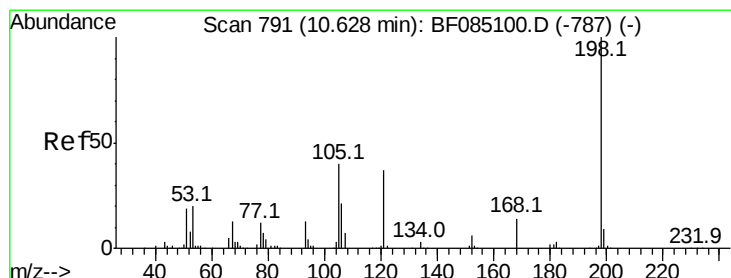
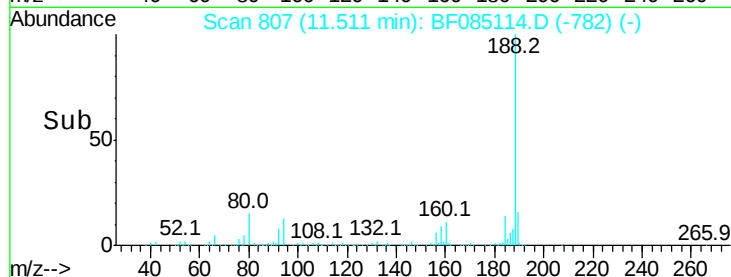
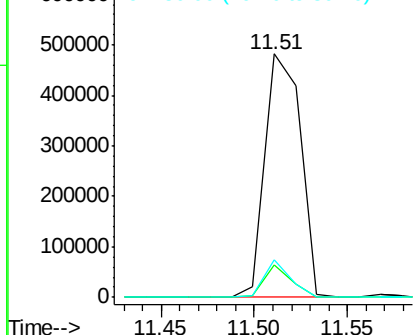
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 639071
Ion Ratio Lower Upper
188 100
94 13.5 7.8 11.6#
80 15.2 8.2 12.4#

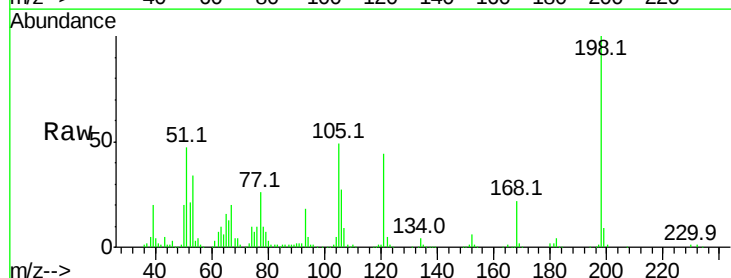


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

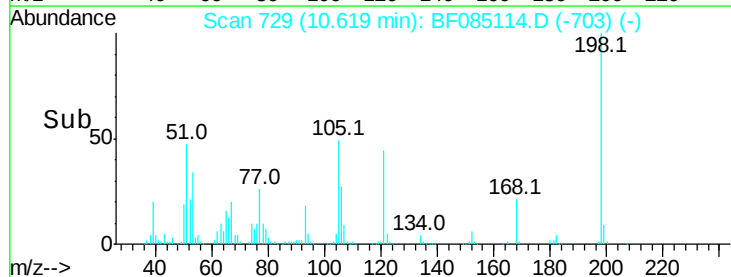
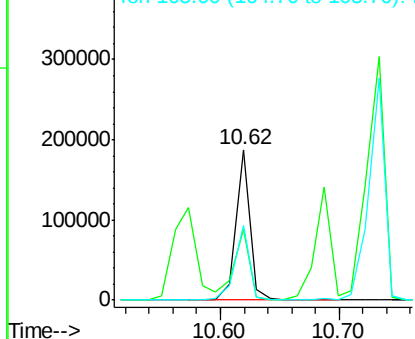


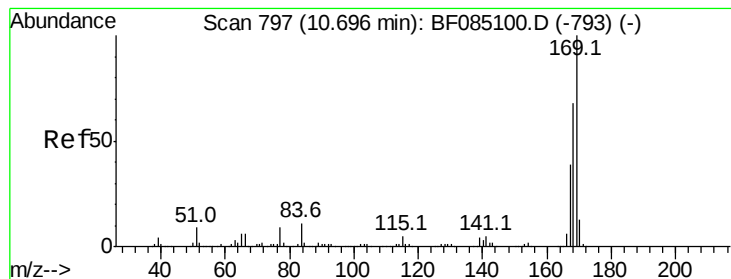
#64
4,6-Dinitro-2-methylphenol
Concen: 41.19 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:198 Resp: 153567
Ion Ratio Lower Upper
198 100
51 46.8 12.5 52.5
105 49.4 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: 41.18 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

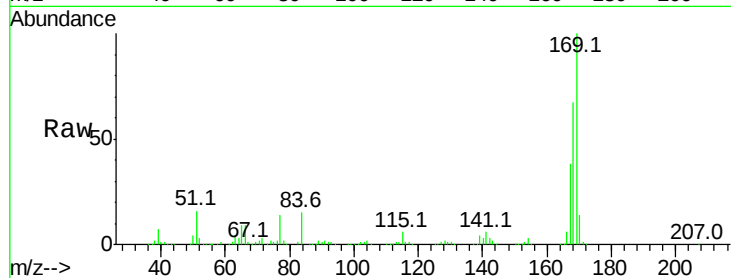
Tot Ion:169 Resp: 829478

Ion Ratio Lower Upper

169 100

168 66.8 54.6 81.8

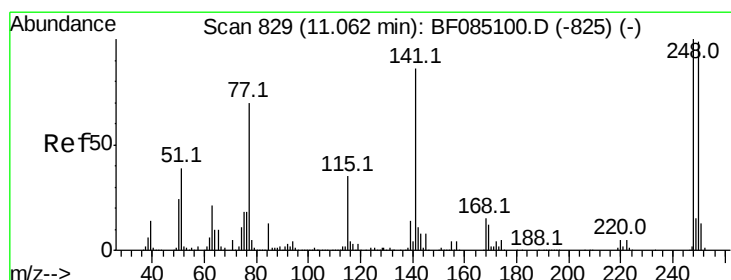
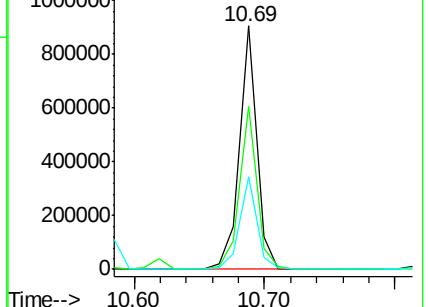
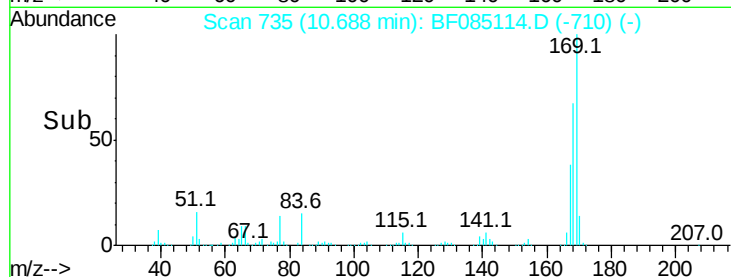
167 38.1 30.8 46.2



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: 45.10 ng

RT: 11.06 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

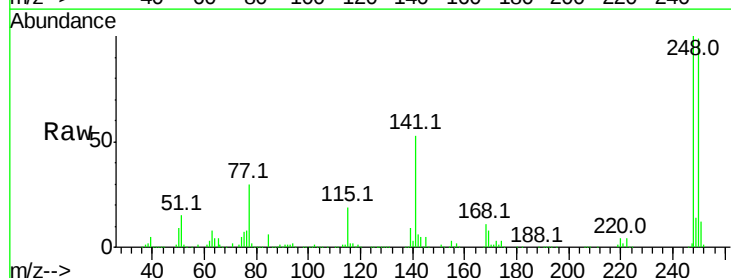
Tgt Ion:248 Resp: 302637

Ion Ratio Lower Upper

248 100

250 99.1 79.0 118.4

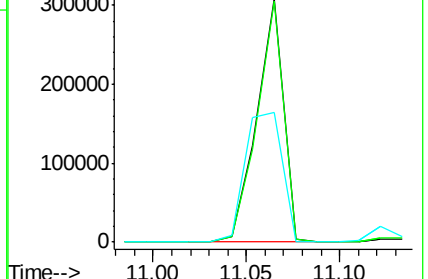
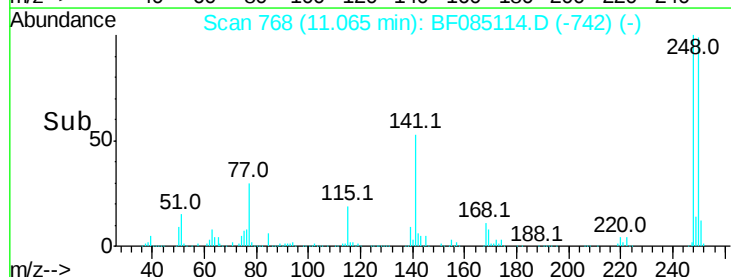
141 53.2 68.6 103.0#

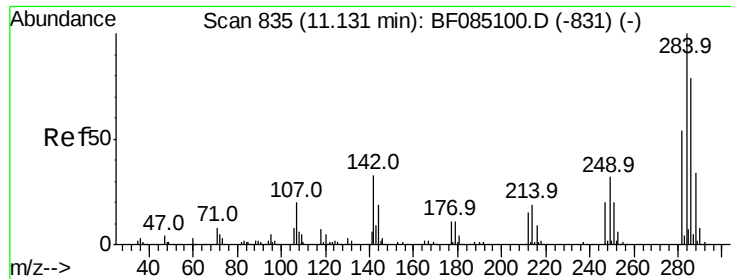


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

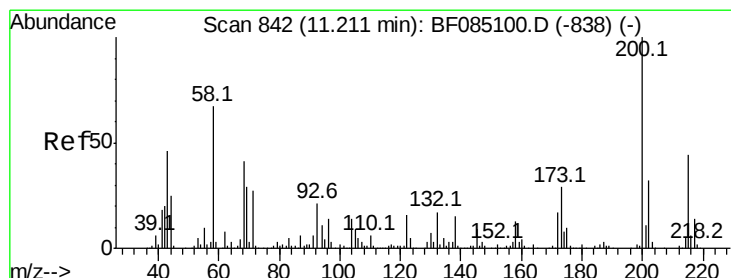
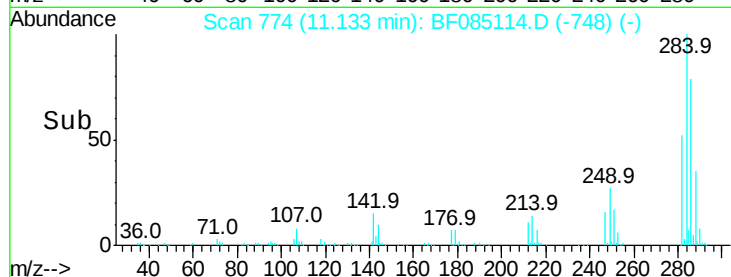
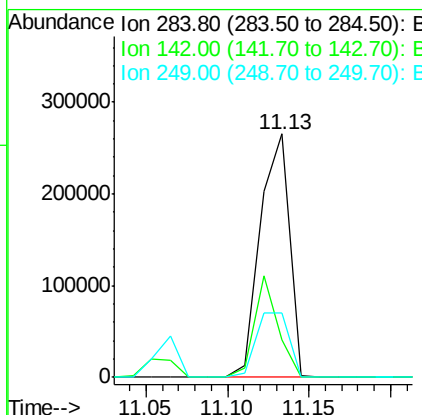
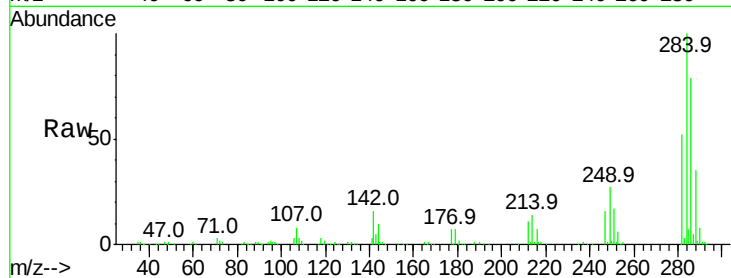




#67
Hexachlorobenzene
Concen: 43.73 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

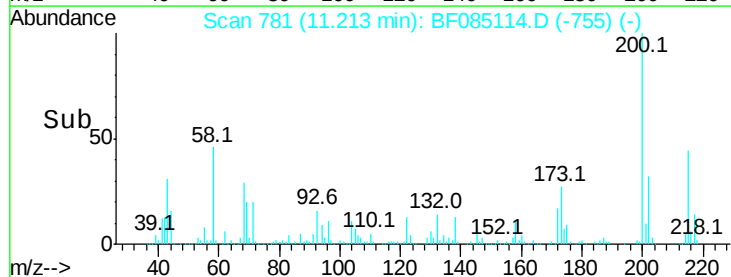
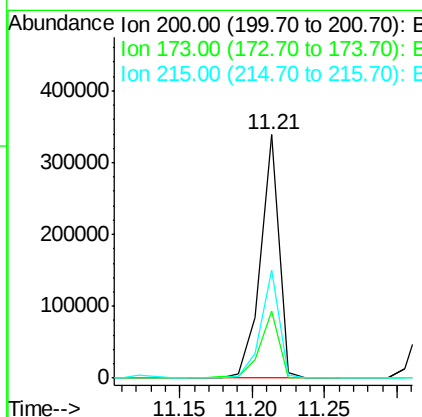
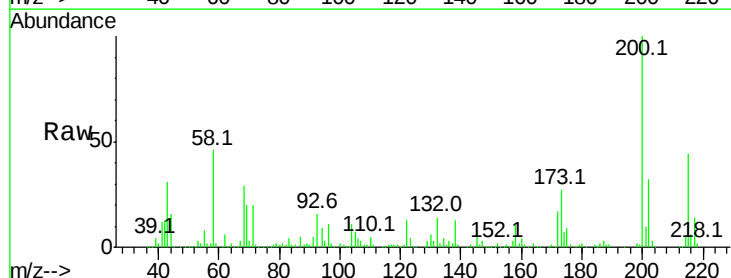
Instrument :
BNA_F
ClientSampleId :

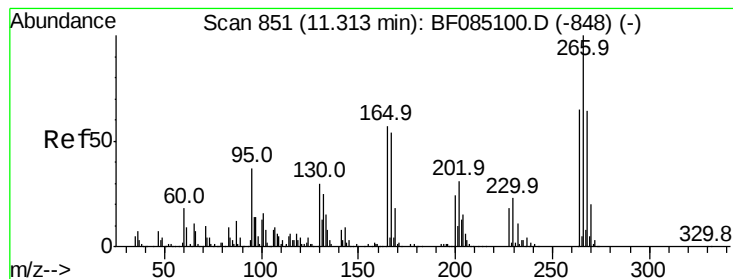
Tot Ion:284 Resp: 331285
Ion Ratio Lower Upper
284 100
142 15.6 26.3 39.5#
249 26.6 25.8 38.6



#68
Atrazine
Concen: 48.92 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:200 Resp: 300606
Ion Ratio Lower Upper
200 100
173 27.4 9.4 49.4
215 44.1 23.6 63.6





#69

Pentachlorophenol

Concen: 79.98 ng

RT: 11.32 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampled :

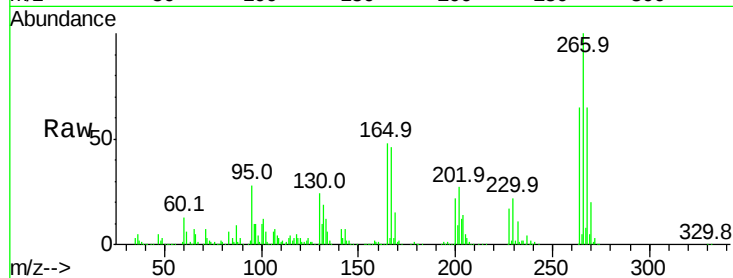
Tot Ion:266 Resp: 355539

Ion Ratio Lower Upper

266 100

268 64.6 51.0 76.6

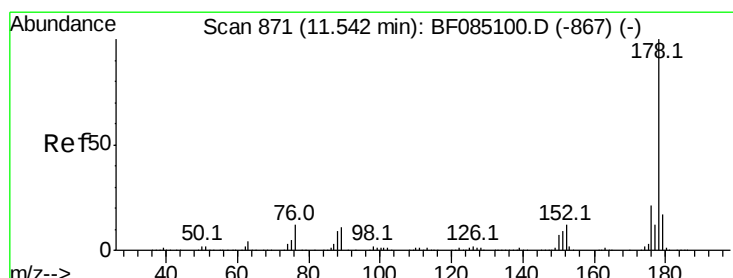
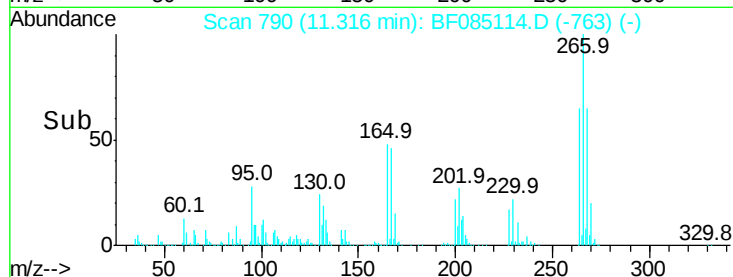
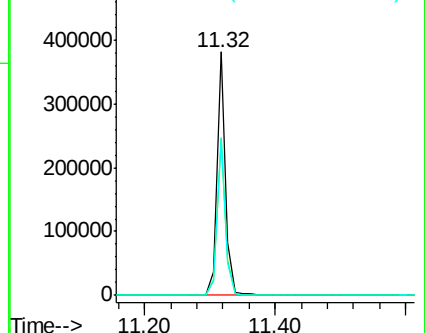
264 65.0 52.3 78.5



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: 48.91 ng

RT: 11.54 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

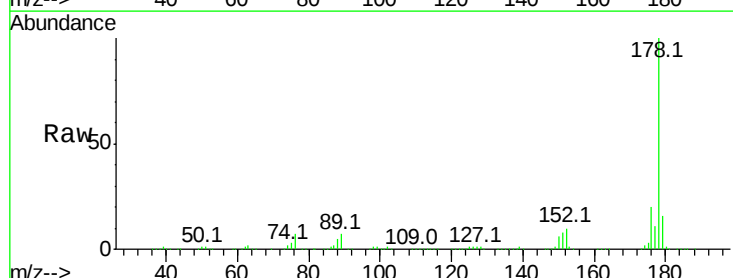
Tgt Ion:178 Resp: 1554926

Ion Ratio Lower Upper

178 100

176 20.4 17.0 25.6

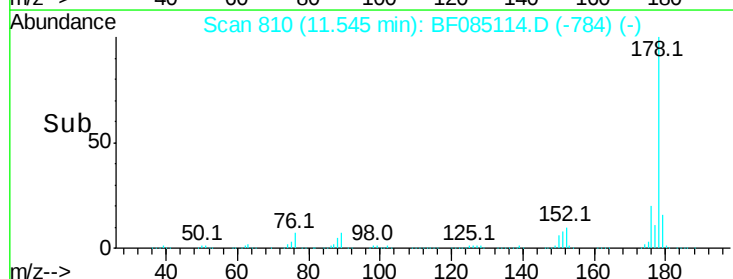
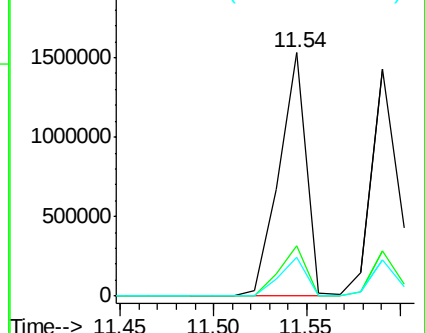
179 15.9 13.3 19.9

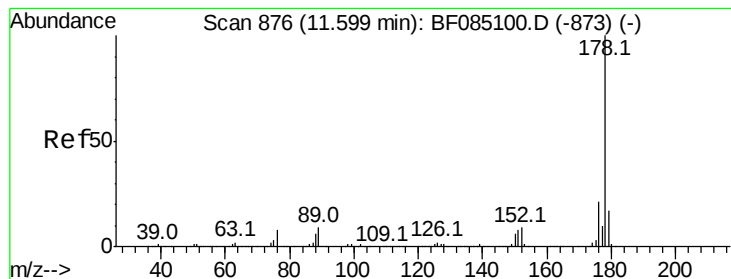


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.64 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

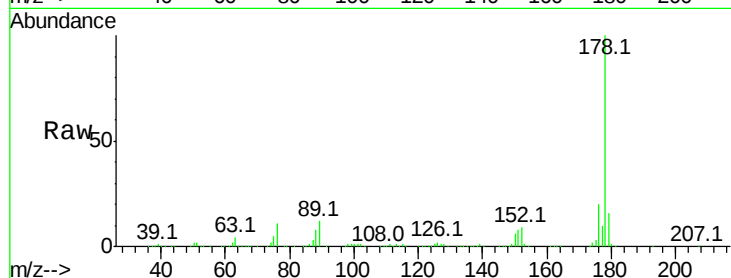
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1379351

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.2	13.2	19.8

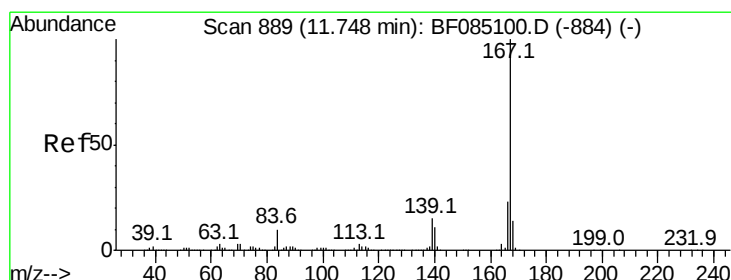
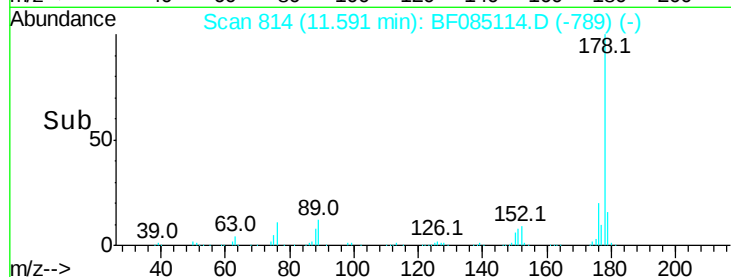
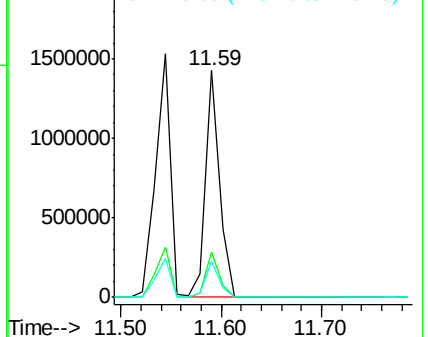


Abundance

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: 41.67 ng

RT: 11.74 min Scan# 827

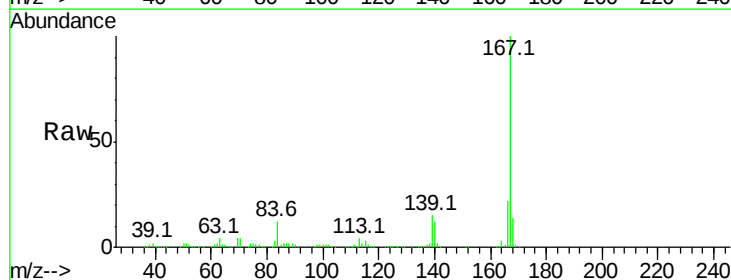
Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion:167 Resp: 1294563

Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.6	28.0
139	15.1	11.8	17.8

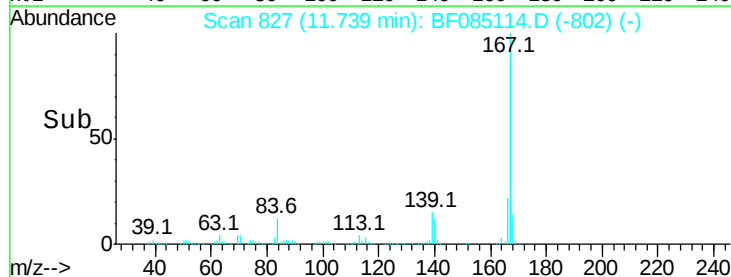
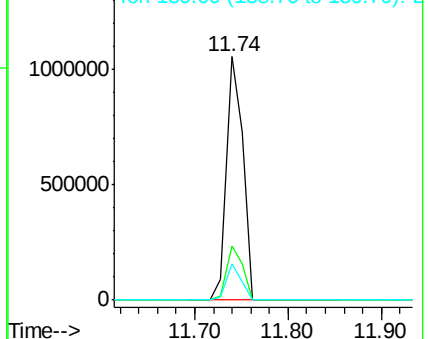


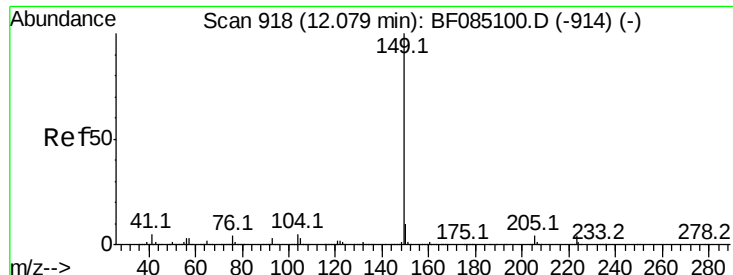
Abundance

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: 39.79 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1471473

Ion Ratio Lower Upper

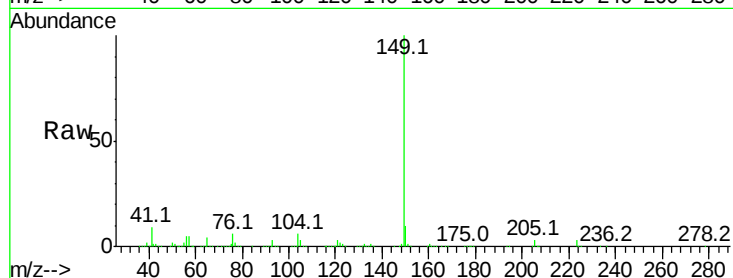
149 100

150 9.8

7.7 11.5

104 5.8

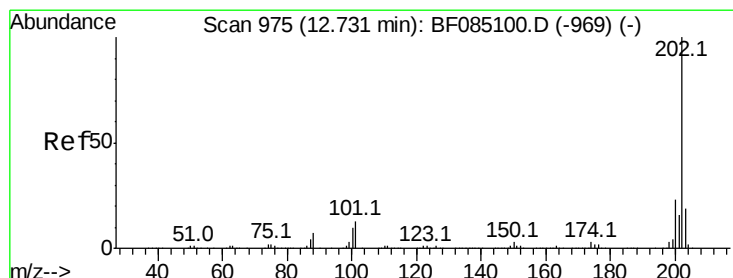
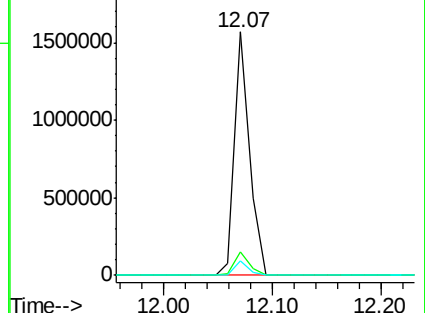
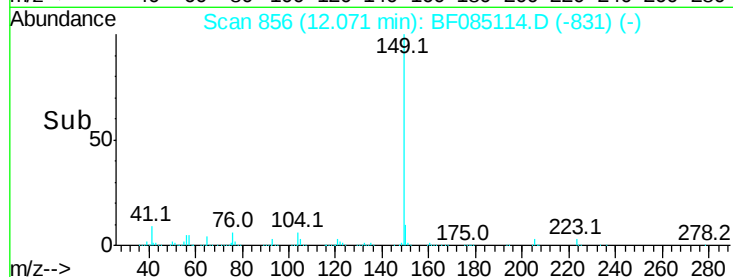
3.7 5.5#



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: 44.72 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Tgt Ion:202 Resp: 1560260

Ion Ratio Lower Upper

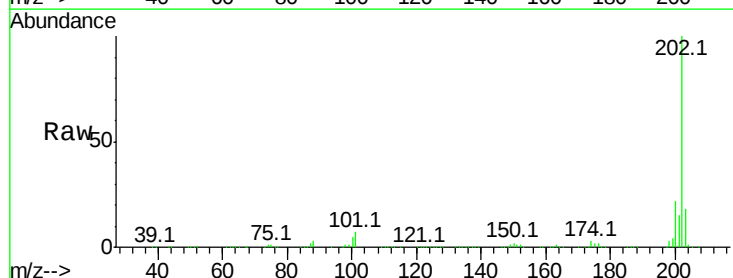
202 100

101 6.5

0.0 33.2

203 17.7

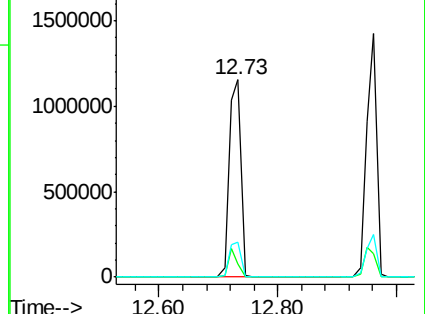
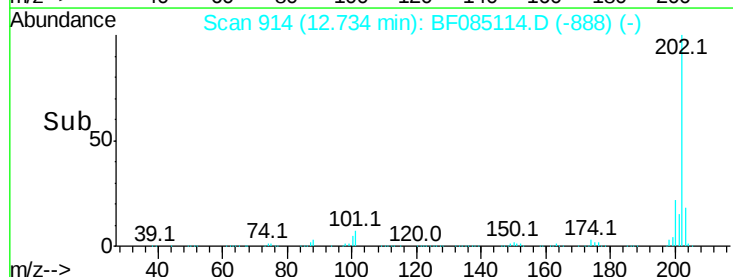
0.0 38.6

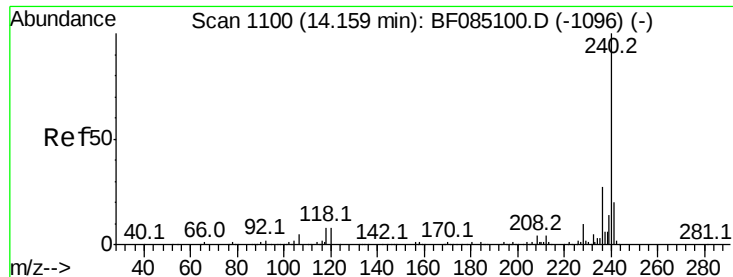


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

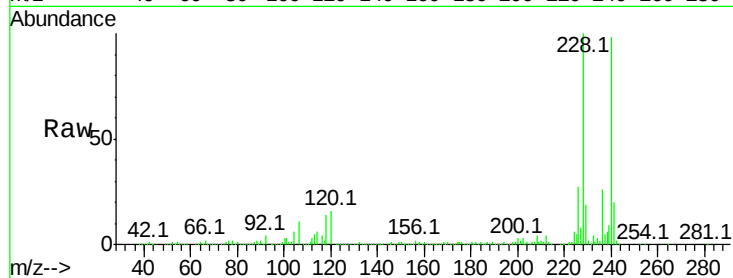
Tot Ion:240 Resp: 534953

Ion Ratio Lower Upper

240 100

120 15.8 6.7 10.1#

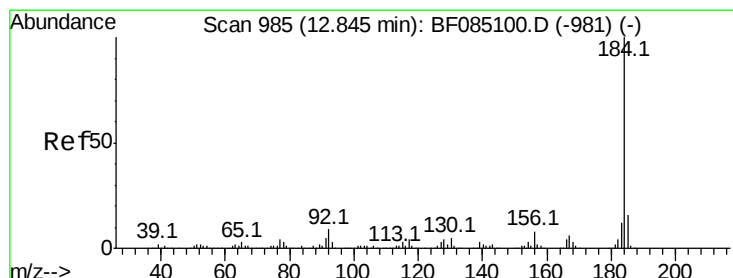
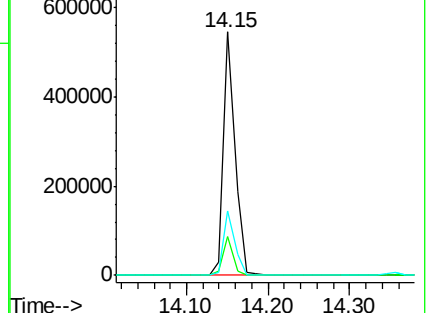
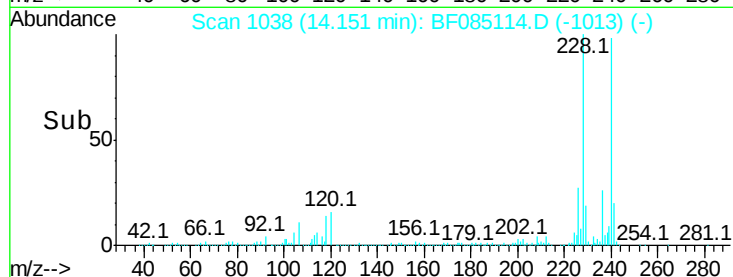
236 26.4 21.6 32.4



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: 30.06 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

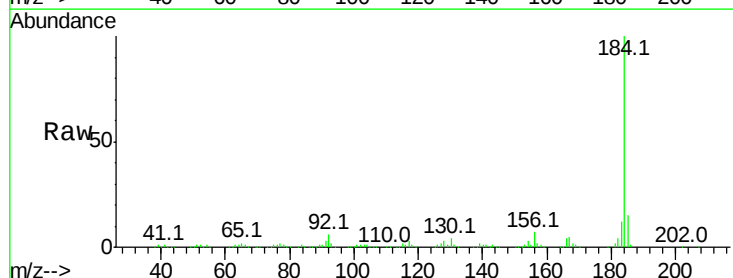
Tgt Ion:184 Resp: 486184

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

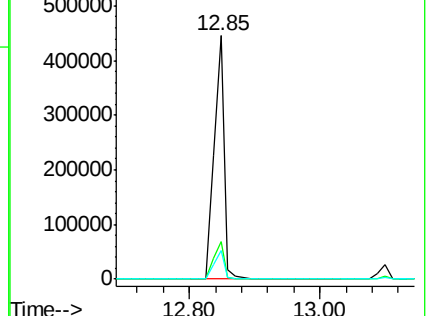
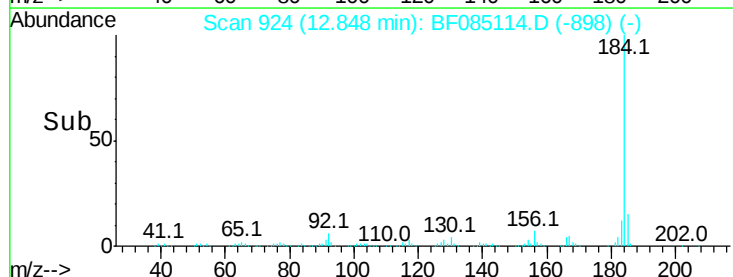
183 11.5 9.5 14.3

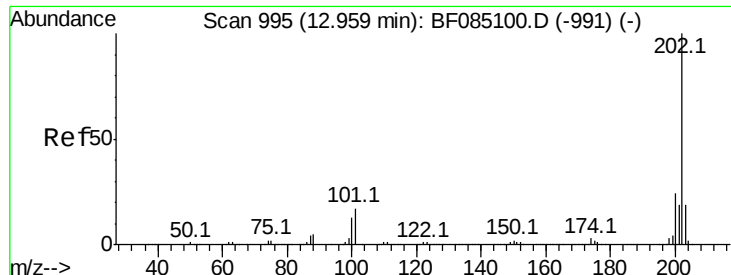


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

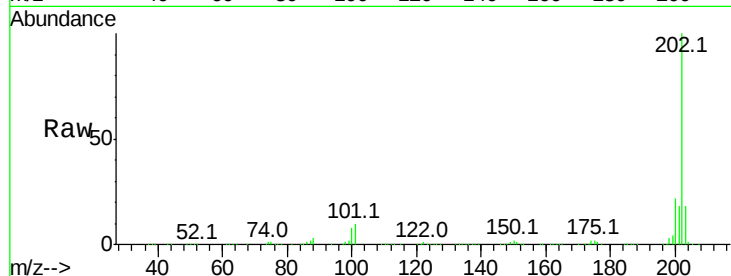




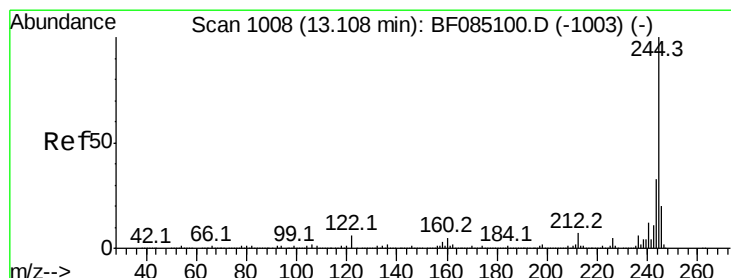
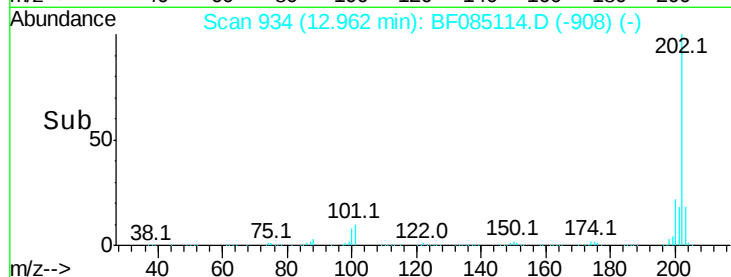
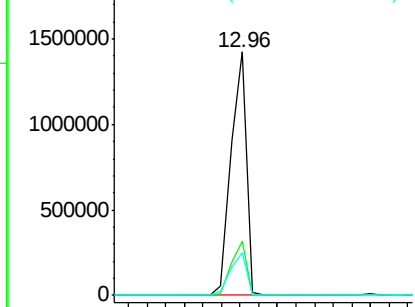
#77
Pvrene
Concen: 45.39 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1657664
Ion Ratio Lower Upper
202 100
200 22.2 19.0 28.6
203 17.7 15.0 22.6

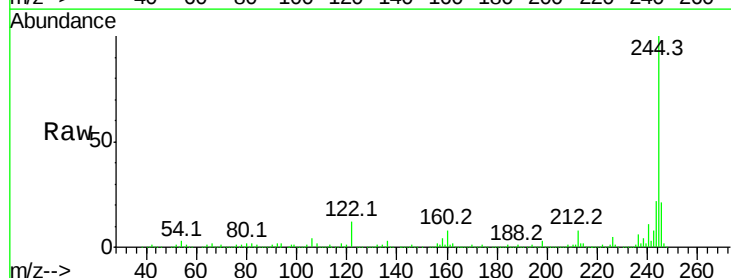


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

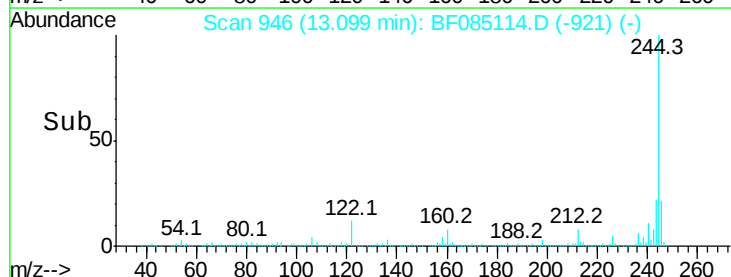
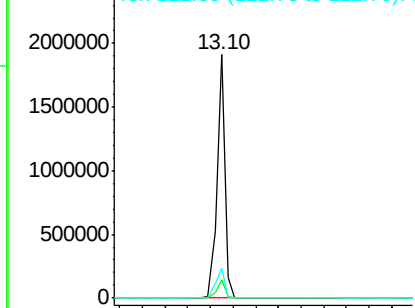


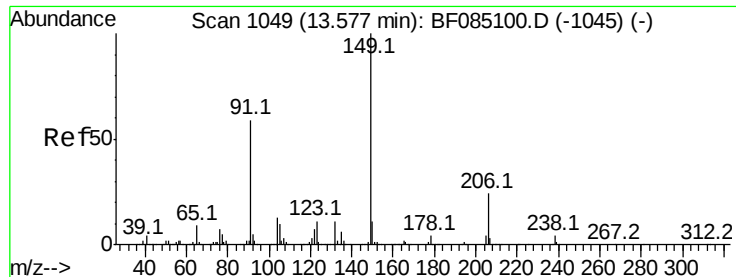
#78
Terphenyl-d14
Concen: 79.14 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085114.D
Acq: 2 Mar 2016 12:47

Tgt Ion:244 Resp: 1804663
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.0
122 12.1 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: 40.42 ng

RT: 13.57 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

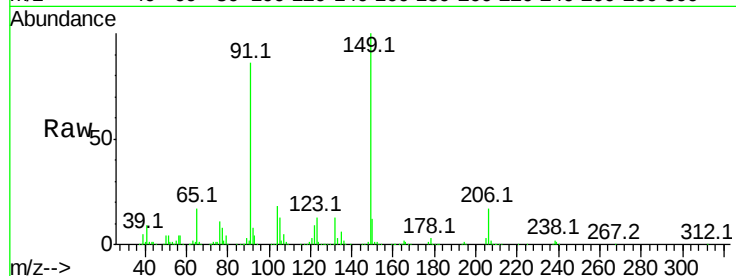
Tot Ion:149 Resp: 625013

Ion Ratio Lower Upper

149 100

91 86.0 46.9 70.3#

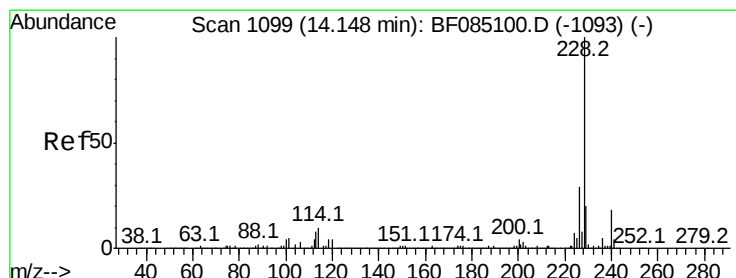
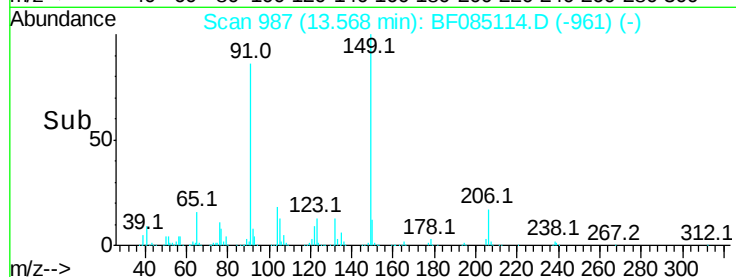
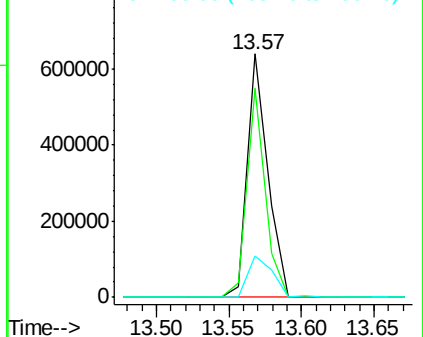
206 16.9 19.0 28.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.09 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

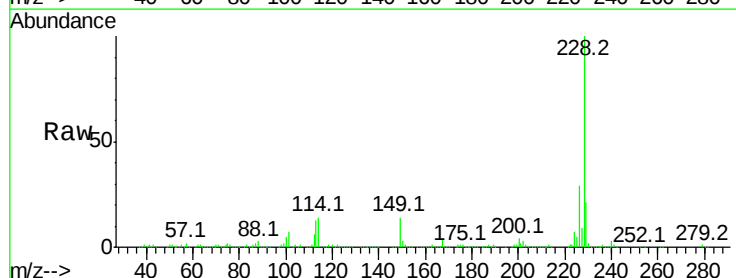
Tgt Ion:228 Resp: 1307465

Ion Ratio Lower Upper

228 100

226 29.0 23.0 34.4

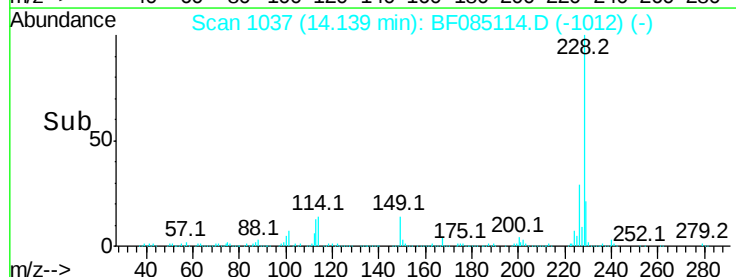
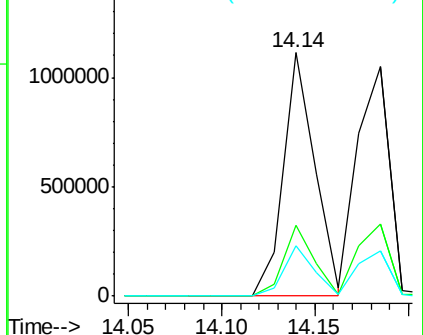
229 20.8 16.1 24.1

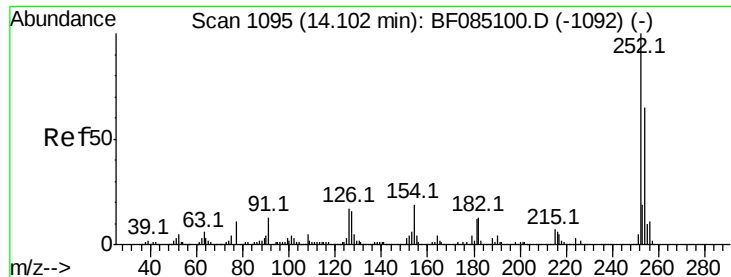


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 19.76 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

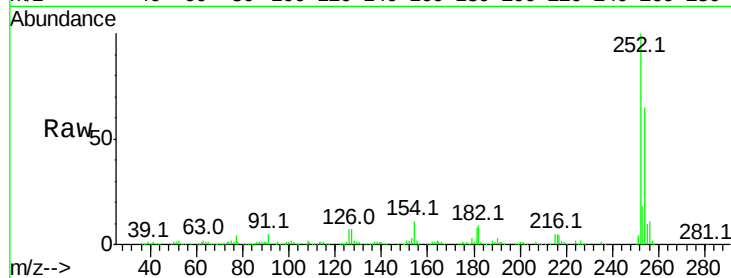
Tot Ion:252 Resp: 191850

Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.6

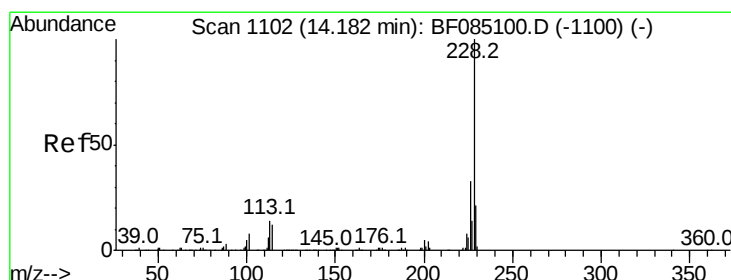
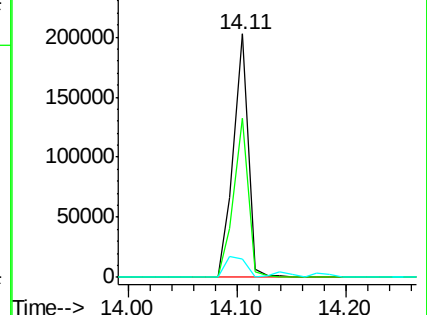
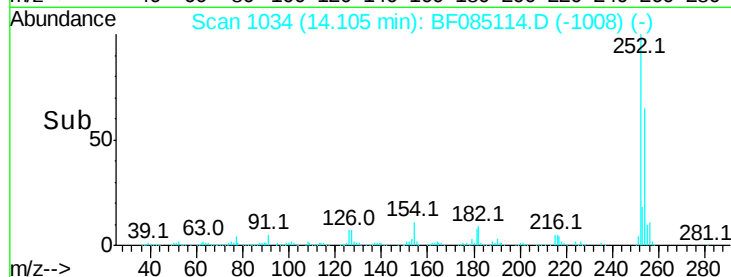
126 7.3 13.2 19.8#



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: 44.70 ng

RT: 14.19 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

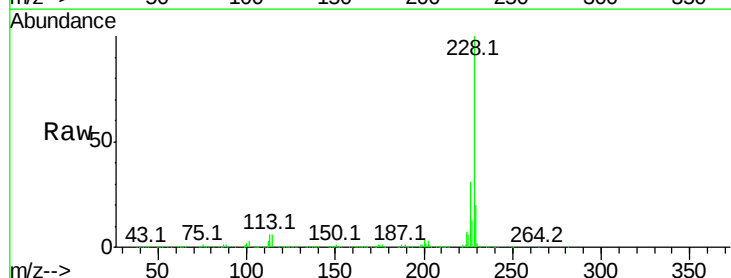
Tgt Ion:228 Resp: 1267835

Ion Ratio Lower Upper

228 100

226 31.1 26.2 39.4

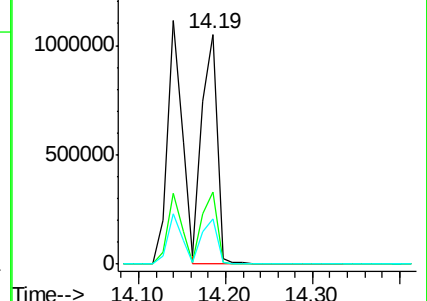
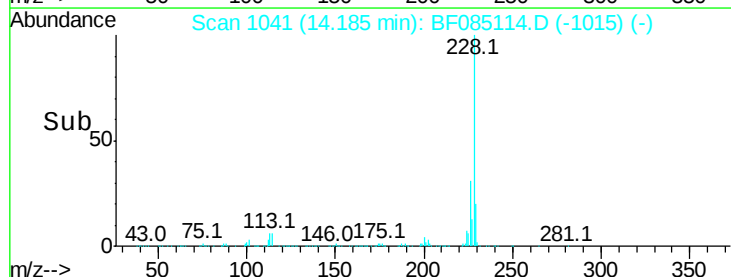
229 19.5 16.5 24.7

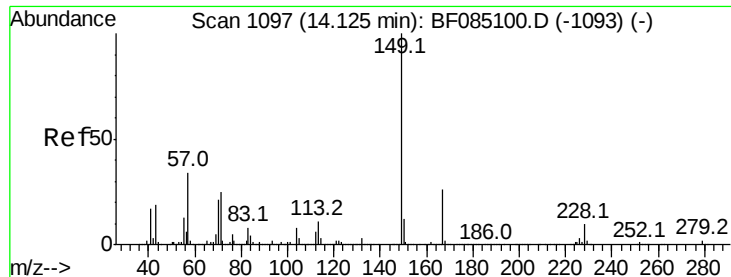


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.52 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

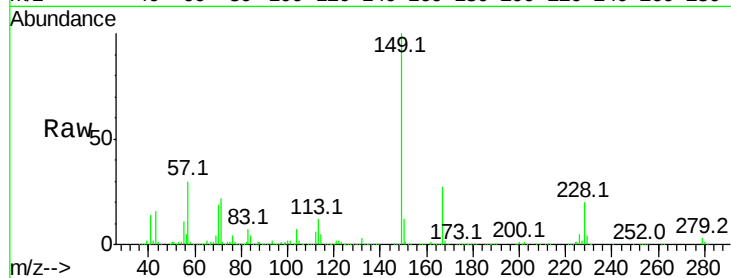
Tot Ion:149 Resp: 848420

Ion Ratio Lower Upper

149 100

167 26.5 20.6 31.0

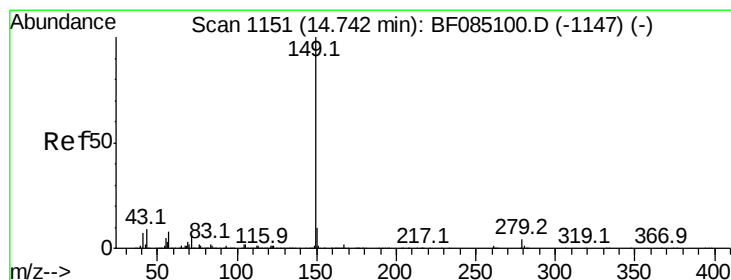
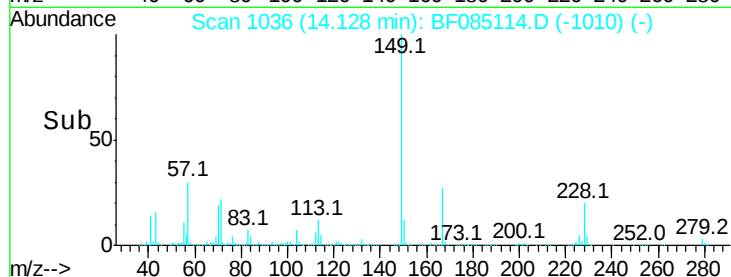
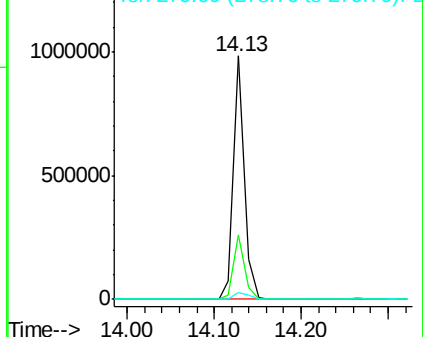
279 2.8 2.0 3.0



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: 48.91 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

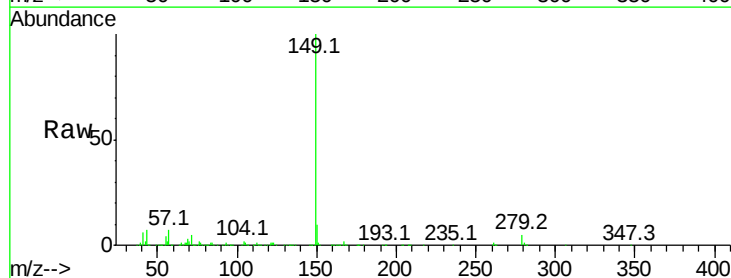
Tgt Ion:149 Resp: 1296383

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

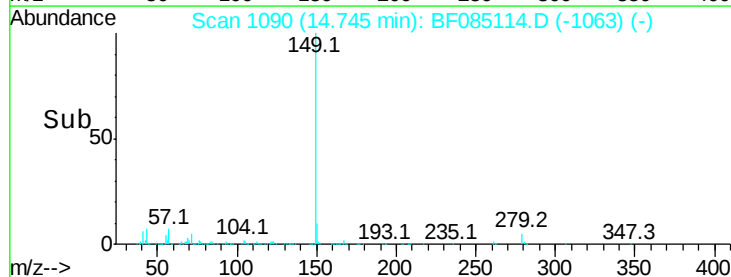
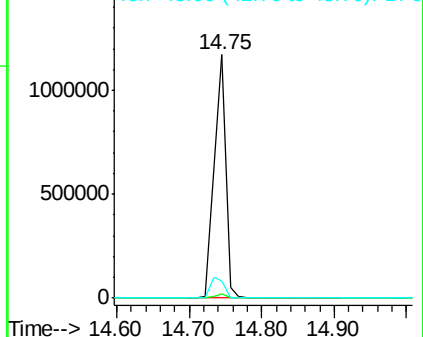
43 10.2 8.8 13.2

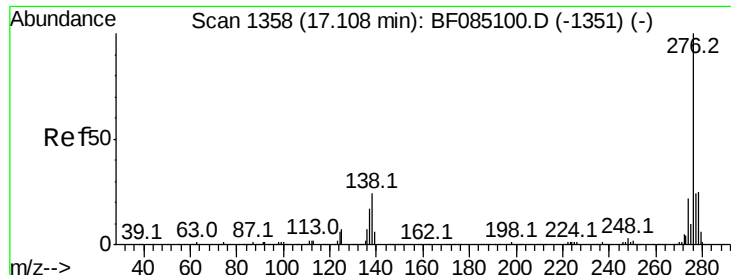


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

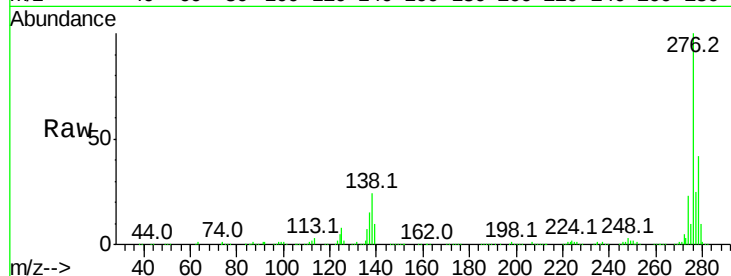




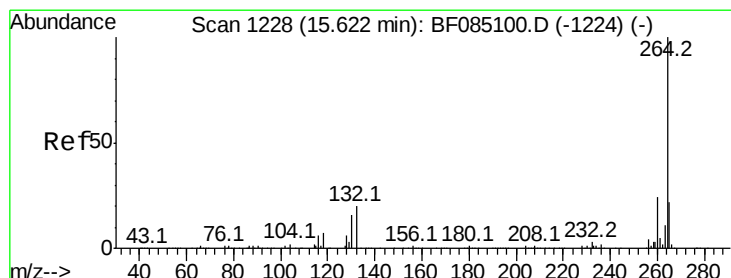
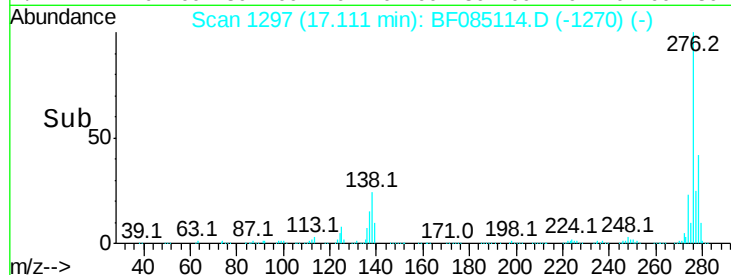
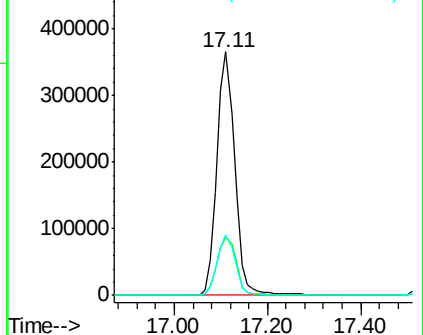
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.68 ng
 RT: 17.11 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 975611
 Ion Ratio Lower Upper
 276 100
 138 26.1 21.4 32.2
 277 25.3 20.1 30.1

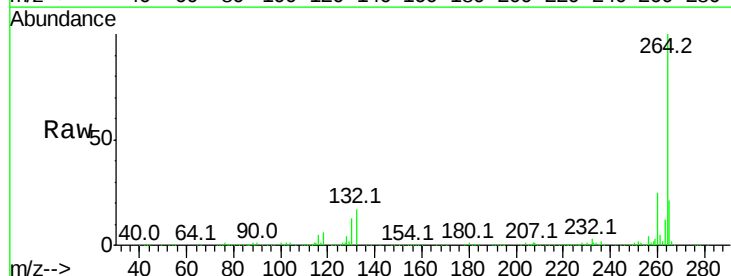


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

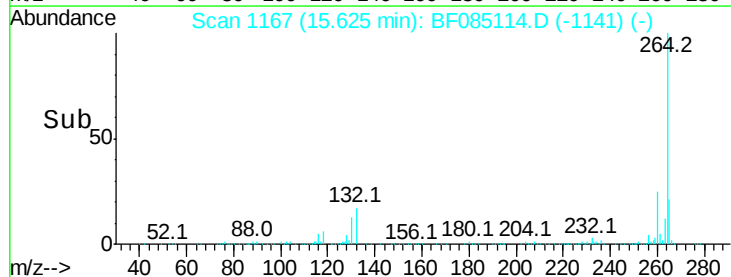
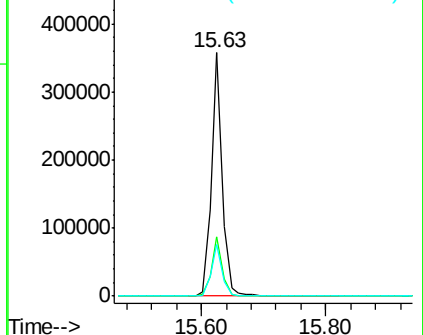


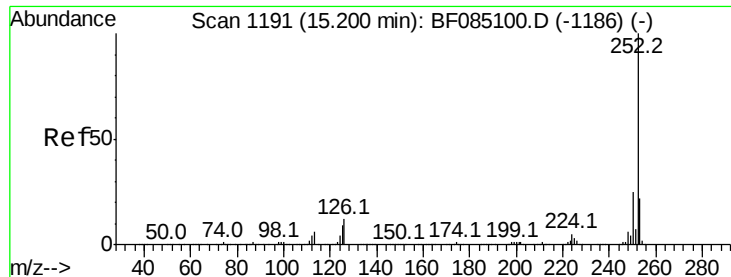
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085114.D
 Acq: 2 Mar 2016 12:47

Tgt Ion:264 Resp: 426387
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.4 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: 48.11 ng

RT: 15.19 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

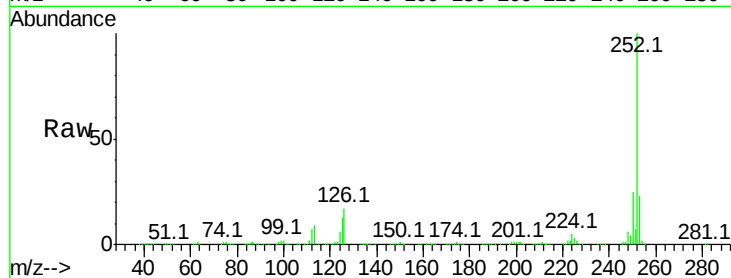
Tot Ion:252 Resp: 1249110

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

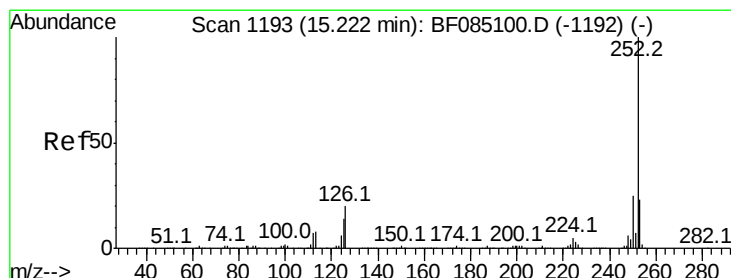
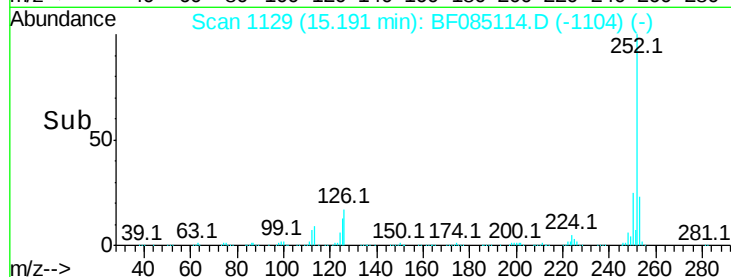
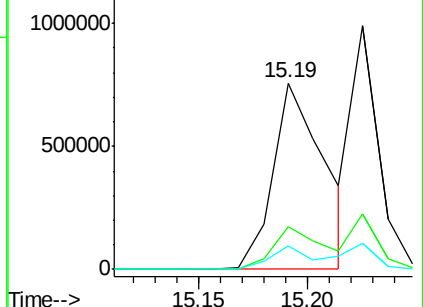
125 12.6 7.0 10.4#



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: 55.55 ng

RT: 15.19 min Scan# 1129

Delta R.T. -0.03 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

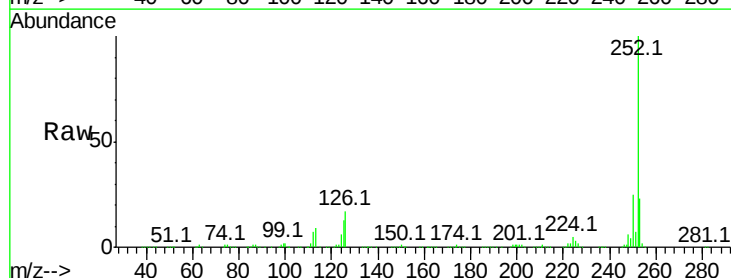
Tgt Ion:252 Resp: 1249110

Ion Ratio Lower Upper

252 100

253 22.7 18.2 27.4

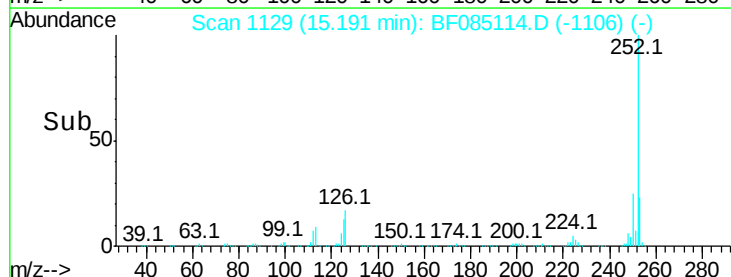
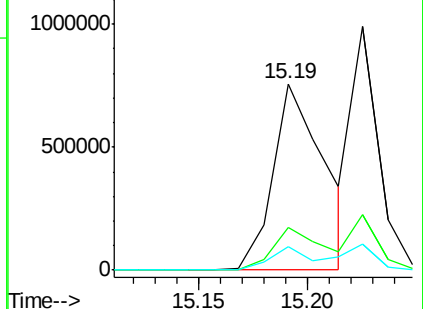
125 12.6 11.1 16.7

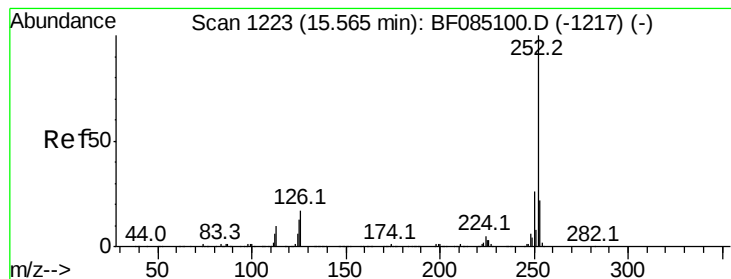


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.76 ng

RT: 15.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

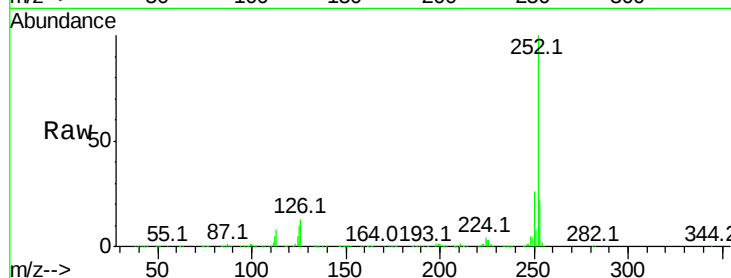
Tot Ion:252 Resp: 977281

Ion Ratio Lower Upper

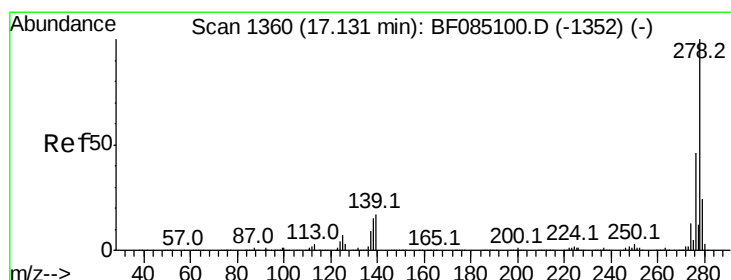
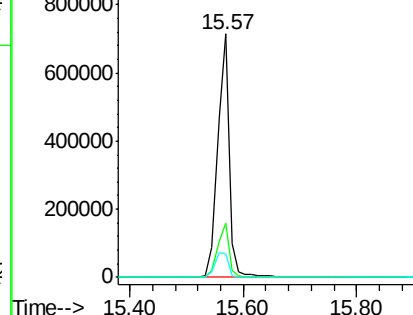
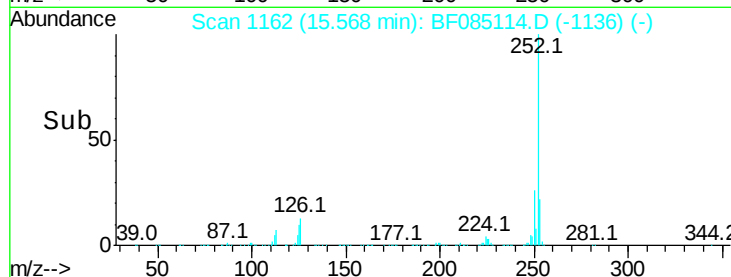
252 100

253 22.3 18.0 27.0

125 9.7 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: 42.09 ng

RT: 17.13 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

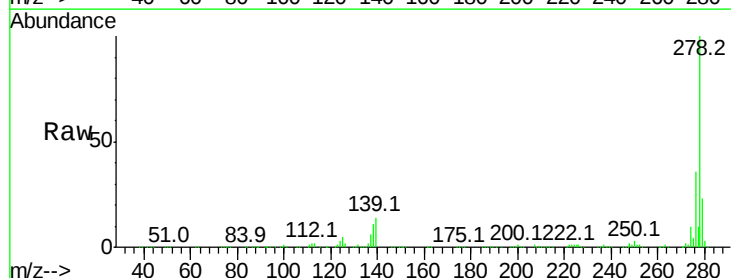
Tgt Ion:278 Resp: 827834

Ion Ratio Lower Upper

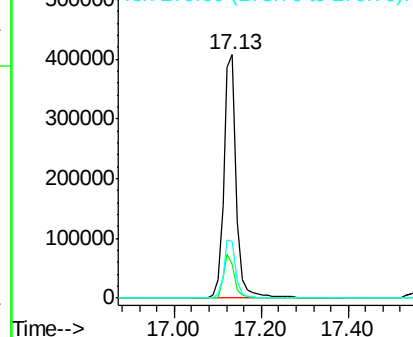
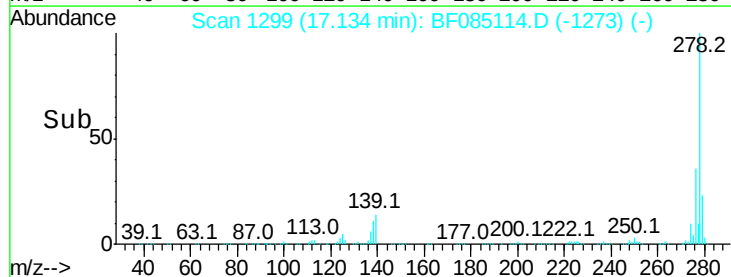
278 100

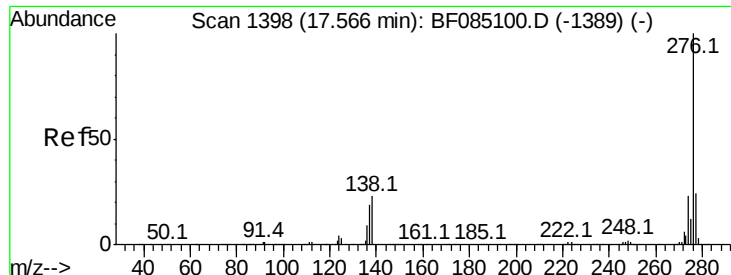
139 13.8 13.6 20.4

279 23.4 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(a,h,i)perylene

Concen: 40.21 ng

RT: 17.56 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF085114.D

Acq: 2 Mar 2016 12:47

Instrument :

BNA_F

ClientSampleId :

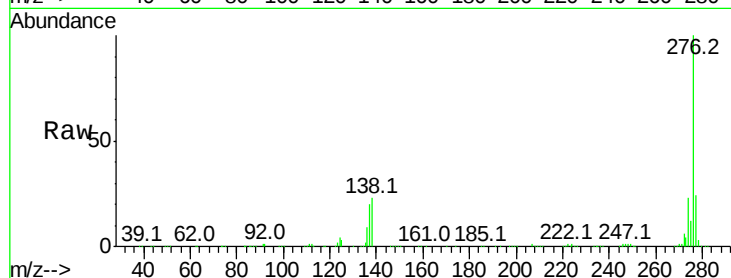
Tot Ion:276 Resp: 804062

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.1 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

