

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085112.D
 Acq On : 2 Mar 2016 11:51
 Operator : SJ/IZ
 Sample : PB88627BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:36:43 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	181920	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	748571	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	355365	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	642783	20.00	ng	0.00
75) Chrysene-d12	14.15	240	523732	20.00	ng	0.00
86) Perylene-d12	15.63	264	412064	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1286630	114.82	ng	0.01
7) Phenol-d6	6.62	99	1906264	129.76	ng	0.00
23) Nitrobenzene-d5	7.56	82	1234557	87.74	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	559763	156.74	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1798528	74.54	ng	0.00
78) Terphenyl-d14	13.10	244	1849035	82.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.79	88	192968	34.75	ng	99
3) Pyridine	3.54	79	604249	42.40	ng	99
4) n-Nitrosodimethylamine	3.50	42	272129	41.96	ng	96
6) Aniline	6.65	93	489279	23.47	ng	99
8) 2-Chlorophenol	6.78	128	566696	43.88	ng	87
9) Benzaldehyde	6.54	77	56465	5.11	ng	85
10) Phenol	6.63	94	708410	43.10	ng	87
11) bis(2-Chloroethyl)ether	6.72	93	511679	39.27	ng	95
12) 1,3-Dichlorobenzene	7.01	146	583765	42.08	ng	95
13) 1,4-Dichlorobenzene	7.01	146	583765	41.28	ng	96
14) 1,2-Dichlorobenzene	7.01	146	583765	46.89	ng	98
15) Benzyl Alcohol	7.12	79	514405	48.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.27	45	804925	41.92	ng	99
17) 2-Methylphenol	7.24	107	473269	43.73	ng	98
18) Hexachloroethane	7.51	117	224481	42.95	ng	# 86
19) n-Nitroso-di-n-propylamine	7.41	70	439652	45.41	ng	99
20) 3+4-Methylphenols	7.38	107	595951	46.08	ng	97
22) Acetophenone	7.40	105	756972	40.20	ng	# 96
24) Nitrobenzene	7.57	77	557059	38.17	ng	97
25) Isophorone	7.81	82	1113150	41.36	ng	100
26) 2-Nitrophenol	7.89	139	268643	41.16	ng	# 79
27) 2,4-Dimethylphenol	7.92	122	559450	44.23	ng	96
28) bis(2-Chloroethoxy)methane	8.02	93	720600	48.55	ng	99
29) 2,4-Dichlorophenol	8.13	162	489882	47.07	ng	94
30) 1,2,4-Trichlorobenzene	8.22	180	495342	43.66	ng	95
31) Naphthalene	8.30	128	1637112	43.24	ng	99
32) Benzoic acid	8.02	122	221178	34.77	ng	99
33) 4-Chloroaniline	8.33	127	178183	11.91	ng	98
34) Hexachlorobutadiene	8.41	225	266931	40.56	ng	98
35) Caprolactam	8.74	113	47936	14.68	ng	96
36) 4-Chloro-3-methylphenol	8.82	107	530168	46.07	ng	88
37) 2-Methylnaphthalene	8.98	142	1039673	44.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	464142	42.41	ng	99
40) Hexachlorocyclopentadiene	9.14	237	547846	87.92	ng	99

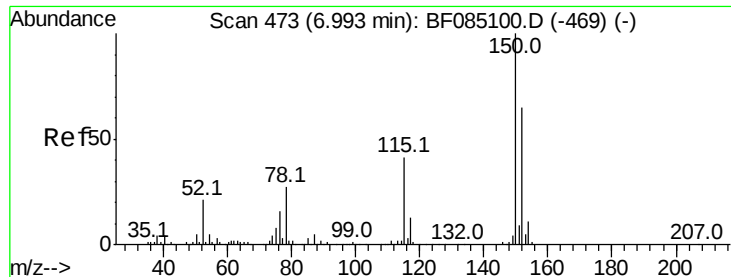
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085112.D
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 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	326518	44.31	nq	96
43) 2,4,5-Trichlorophenol	9.30	196	316651	44.85	nq	97
45) 1,1'-Biphenyl	9.45	154	1253985	39.75	nq	97
46) 2-Chloronaphthalene	9.48	162	904895	39.33	nq	96
47) 2-Nitroaniline	9.57	65	300784	41.64	nq	# 75
48) Acenaphthylene	9.90	152	1571082	45.95	nq	98
49) Dimethylphthalate	9.75	163	1053703	39.99	nq	100
50) 2,6-Dinitrotoluene	9.81	165	227285	41.60	nq	# 84
51) Acenaphthene	10.07	154	1075752	50.11	nq	98
52) 3-Nitroaniline	9.98	138	148649	22.90	nq	94
53) 2,4-Dinitrophenol	10.08	184	189921	73.61	nq	# 1
54) Dibenzofuran	10.24	168	1450237	52.04	nq	94
55) 4-Nitrophenol	10.13	139	453081	90.98	nq	# 58
56) 2,4-Dinitrotoluene	10.22	165	363213	49.33	nq	# 69
57) Fluorene	10.58	166	1092673	49.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.36	232	290491	54.31	nq	93
59) Diethylphthalate	10.45	149	1086669	43.03	nq	96
60) 4-Chlorophenyl-phenylether	10.57	204	530513	46.97	nq	90
61) 4-Nitroaniline	10.60	138	281057	46.20	nq	92
62) Azobenzene	10.73	77	1338568	52.47	nq	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	155194	41.35	nq	# 69
65) n-Nitrosodiphenylamine	10.69	169	855690	42.24	nq	99
66) 4-Bromophenyl-phenylether	11.06	248	332985	49.34	nq	# 84
67) Hexachlorobenzene	11.13	284	359242	47.15	nq	# 81
68) Atrazine	11.21	200	308739	49.95	nq	99
69) Pentachlorophenol	11.32	266	384693	86.04	nq	97
70) Phenanthrene	11.54	178	1645746	51.47	nq	100
71) Anthracene	11.59	178	1465957	40.83	nq	99
72) Carbazole	11.74	167	1371743	43.90	nq	99
73) Di-n-butylphthalate	12.07	149	1564236	42.06	nq	# 98
74) Fluoranthene	12.73	202	1636060	46.62	nq	92
76) Benzidine	12.85	184	477744	30.17	nq	99
77) Pyrene	12.96	202	1711050	47.86	nq	97
79) Butylbenzylphthalate	13.57	149	651123	43.01	nq	# 68
80) Benzo(a)anthracene	14.14	228	1332427	43.82	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	193407	20.35	nq	# 95
82) Chrysene	14.19	228	1277768	46.01	nq	98
83) Bis(2-ethylhexyl)phthalate	14.13	149	877851	50.22	nq	99
84) Di-n-octyl phthalate	14.75	149	1327232	51.15	nq	98
85) Indeno(1,2,3-cd)pyrene	17.11	276	1017677	43.34	nq	100
87) Benzo(b)fluoranthene	15.19	252	1263246	50.35	nq	# 96
88) Benzo(k)fluoranthene	15.19	252	1263246	58.13	nq	99
89) Benzo(a)pyrene	15.57	252	991939	47.01	nq	# 97
90) Dibenzo(a,h)anthracene	17.12	278	865572	45.54	nq	98
91) Benzo(g,h,i)perylene	17.56	276	859589	44.48	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: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampled :

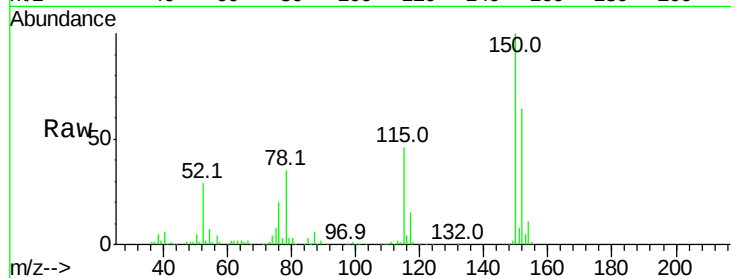
Tot Ion:152 Resp: 181920

Ion Ratio Lower Upper

152 100

150 157.2 123.4 185.0

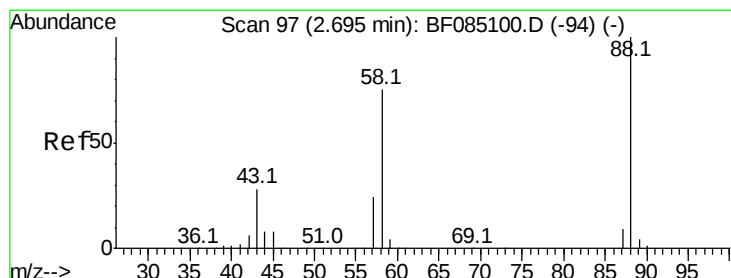
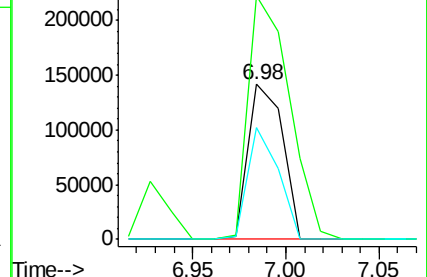
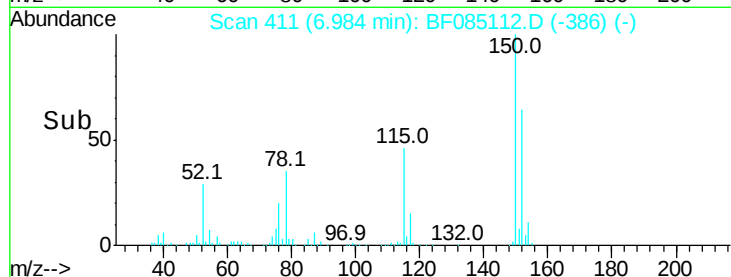
115 72.5 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.75 ng

RT: 2.79 min Scan# 44

Delta R.T. 0.09 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

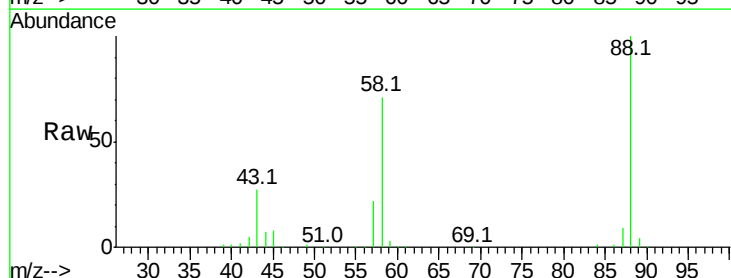
Tgt Ion: 88 Resp: 192968

Ion Ratio Lower Upper

88 100

58 71.7 58.4 87.6

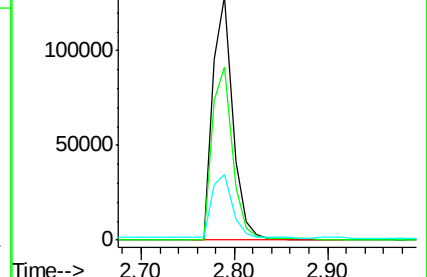
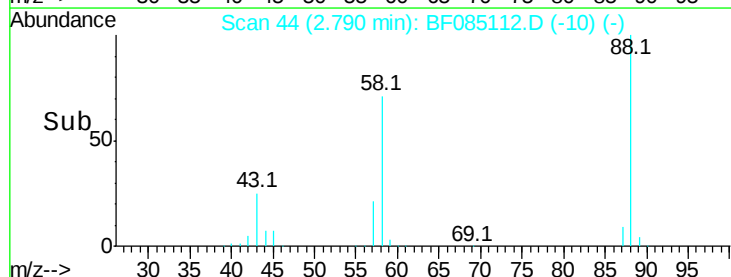
43 27.4 22.2 33.4

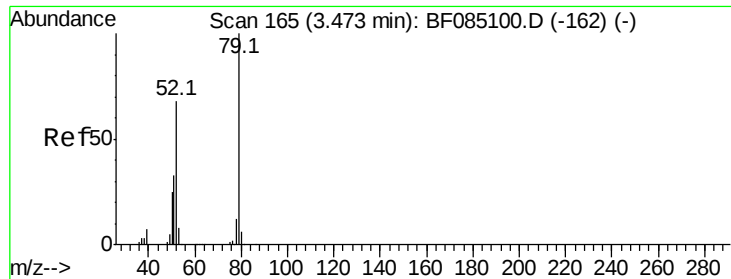


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.40 ng

RT: 3.54 min Scan# 110

Delta R.T. 0.07 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

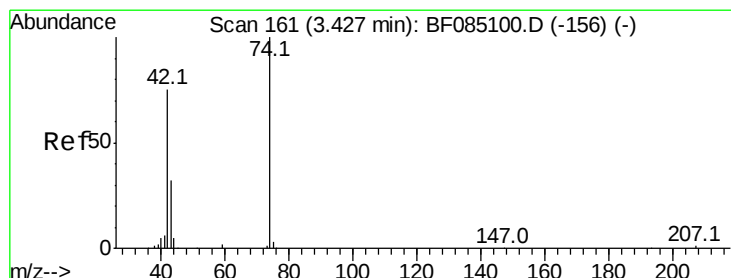
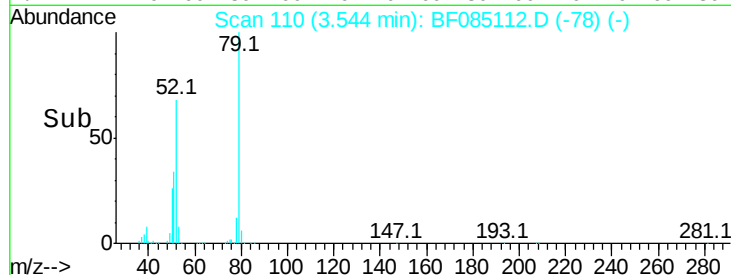
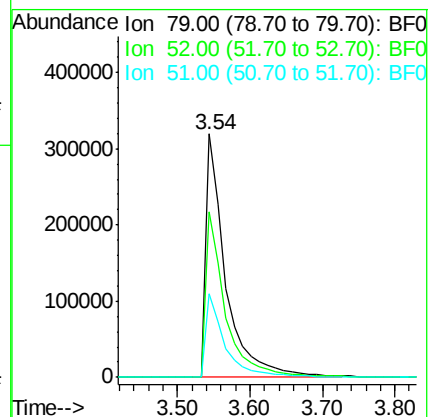
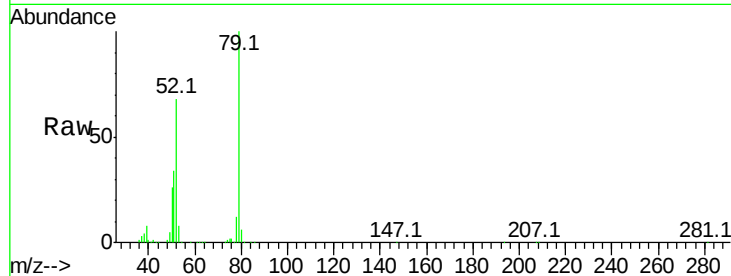
Tot Ion: 79 Resp: 604249

Ion Ratio Lower Upper

79 100

52 68.1 54.1 81.1

51 34.1 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 41.96 ng

RT: 3.50 min Scan# 106

Delta R.T. 0.07 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

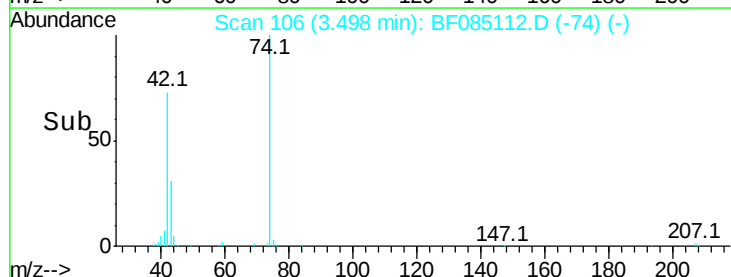
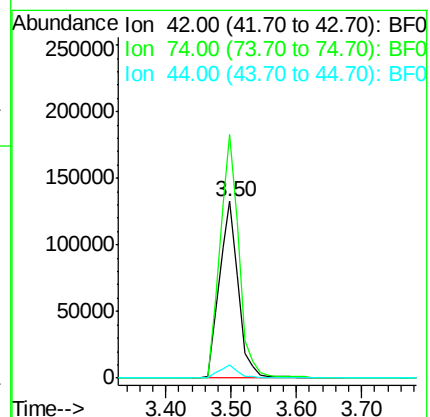
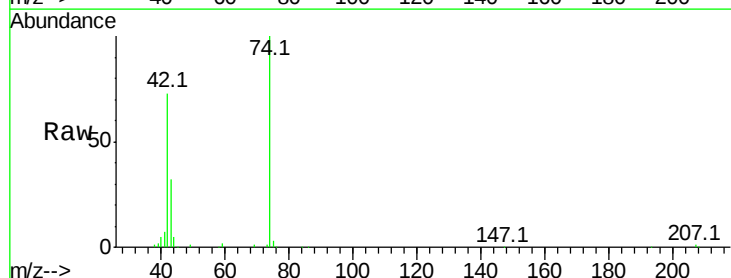
Tgt Ion: 42 Resp: 272129

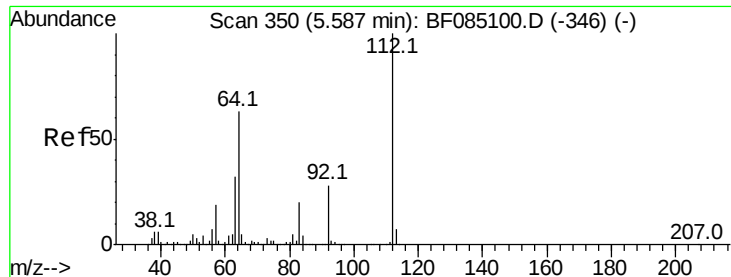
Ion Ratio Lower Upper

42 100

74 137.8 106.6 160.0

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 114.82 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

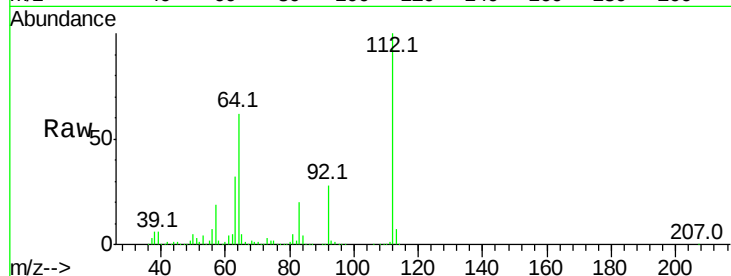
Tot Ion:112 Resp: 1286630

Ion Ratio Lower Upper

112 100

64 61.9 50.6 76.0

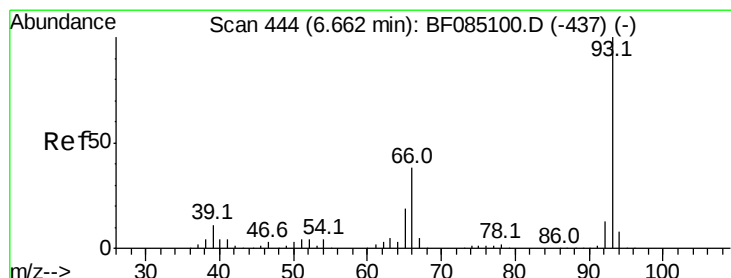
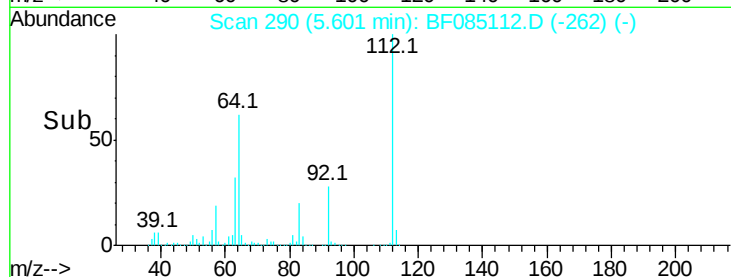
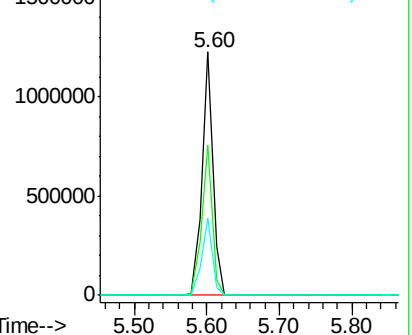
63 31.6 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.47 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

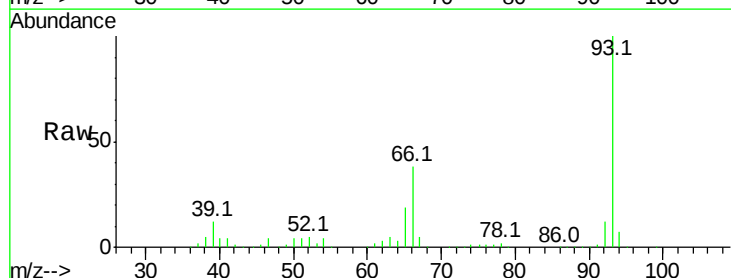
Tgt Ion: 93 Resp: 489279

Ion Ratio Lower Upper

93 100

66 38.3 30.1 45.1

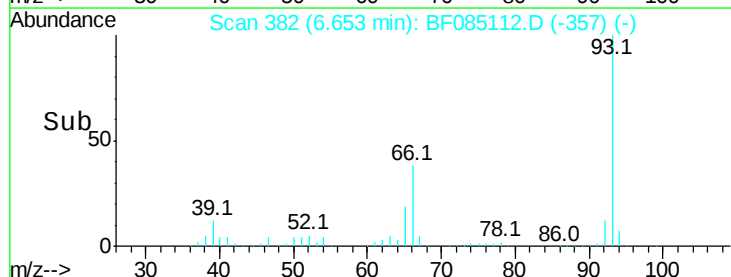
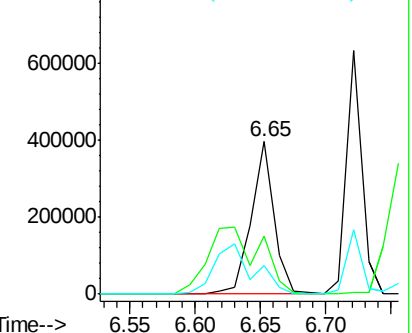
65 18.9 15.0 22.6

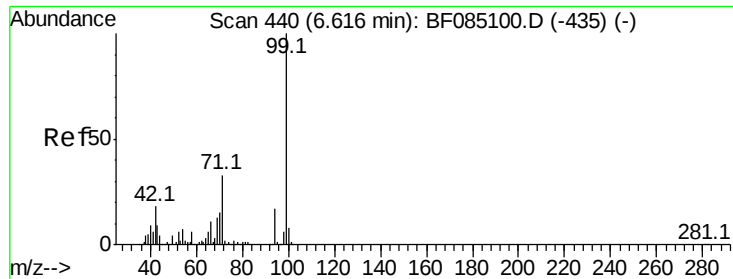


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.76 ng

RT: 6.62 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

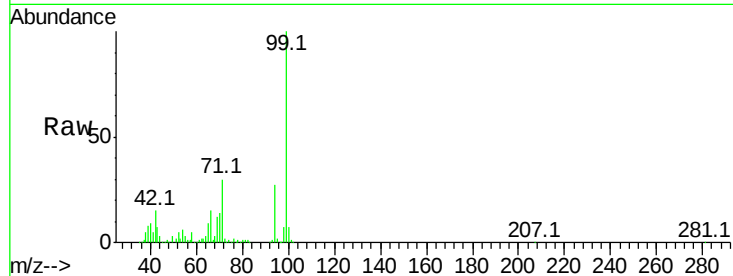
Tot Ion: 99 Resp: 1906264

Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.1	21.1
71	29.9	26.8	40.2

99 100

42 14.6 14.1 21.1

71 29.9 26.8 40.2

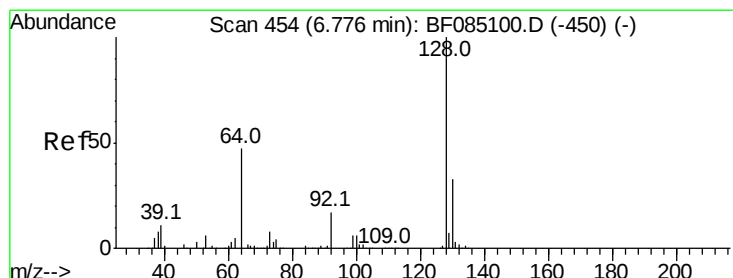
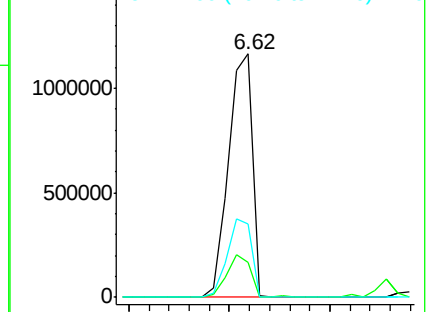
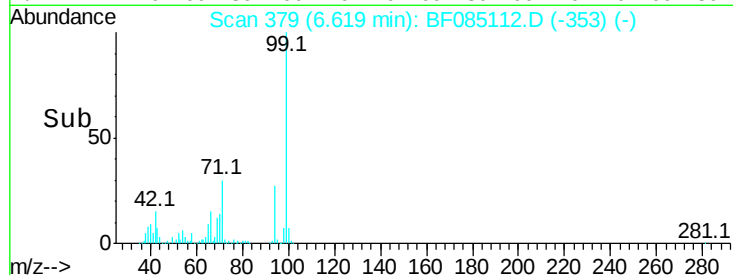


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.88 ng

RT: 6.78 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

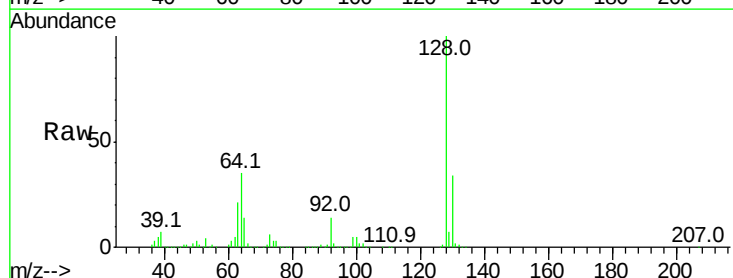
Tgt Ion:128 Resp: 566696

Ion	Ratio	Lower	Upper
128	100		
130	33.6	13.1	53.1
64	34.6	29.6	69.6

128 100

130 33.6 13.1 53.1

64 34.6 29.6 69.6

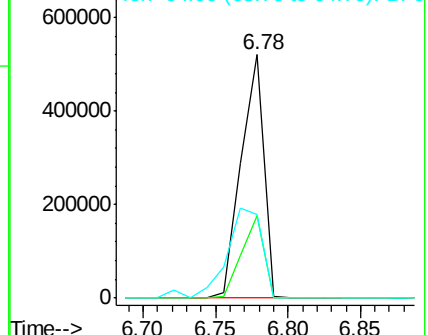
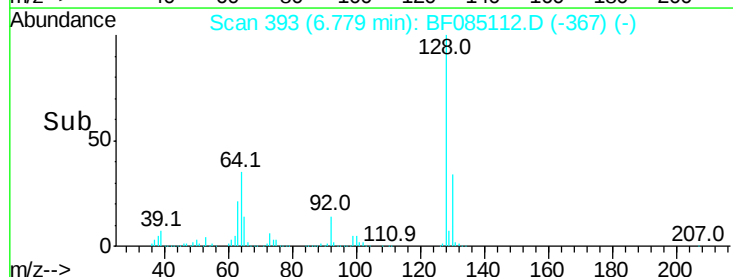


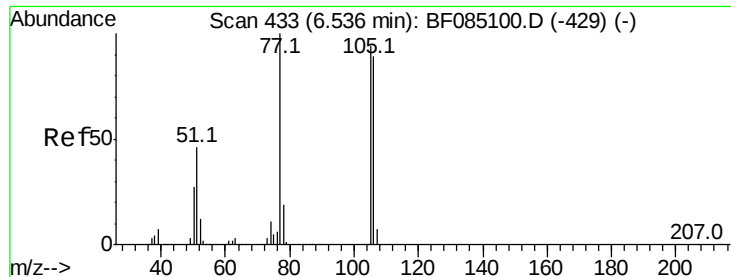
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyd

Concen: 5.11 ng

RT: 6.54 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

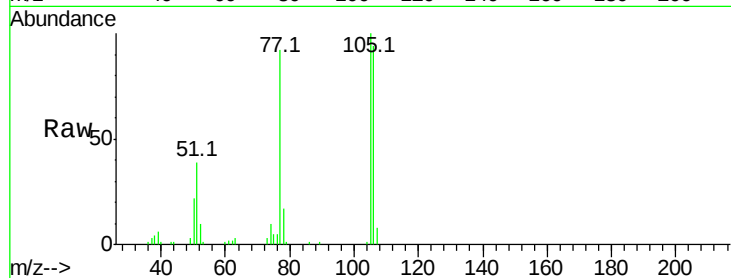
Tot Ion: 77 Resp: 56465

Ion Ratio Lower Upper

77 100

105 108.4 73.7 113.7

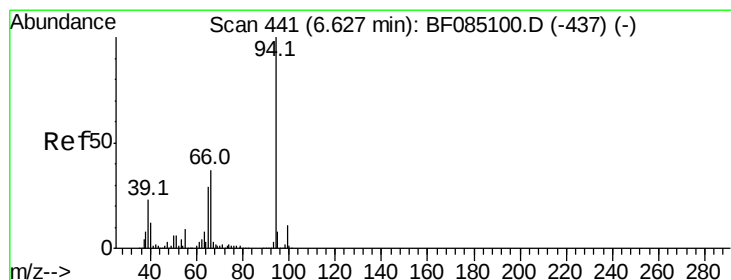
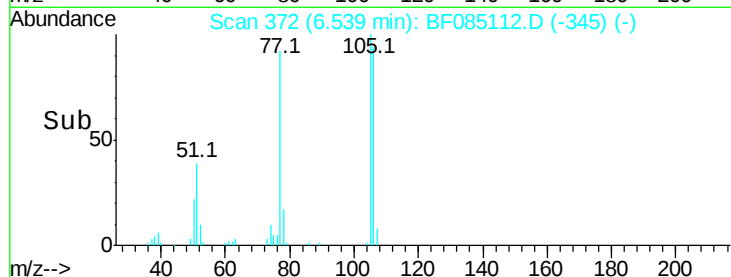
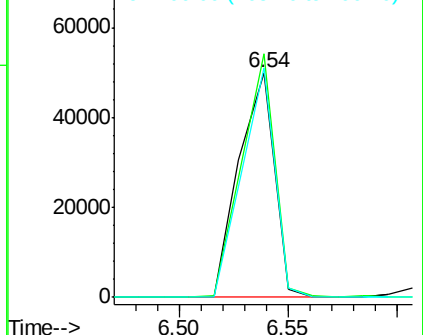
106 102.4 69.2 109.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.10 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

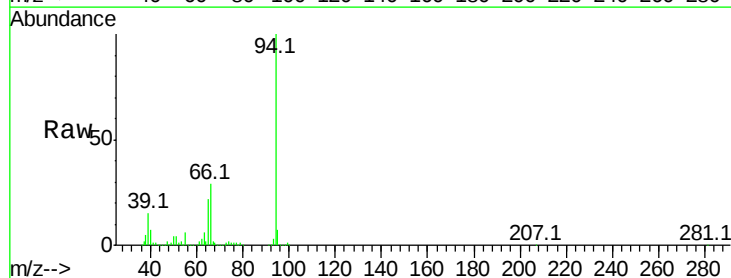
Tgt Ion: 94 Resp: 708410

Ion Ratio Lower Upper

94 100

65 22.4 9.1 49.1

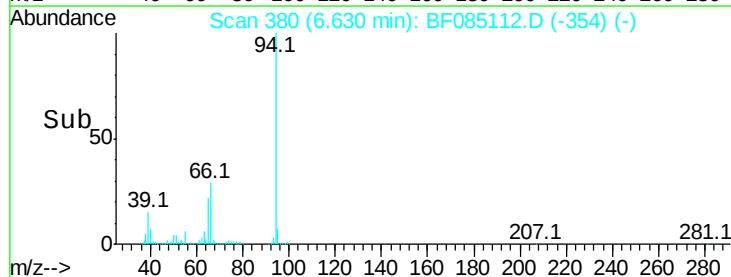
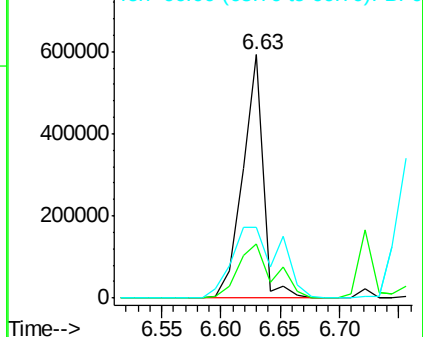
66 29.2 17.5 57.5

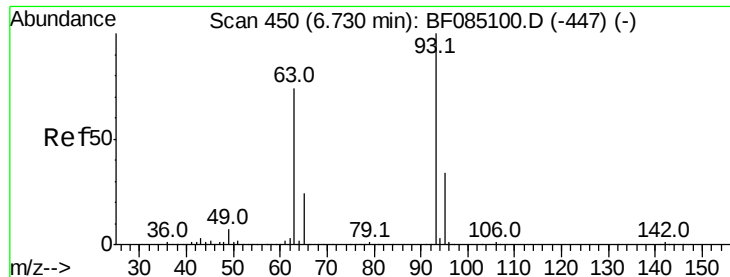


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.27 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

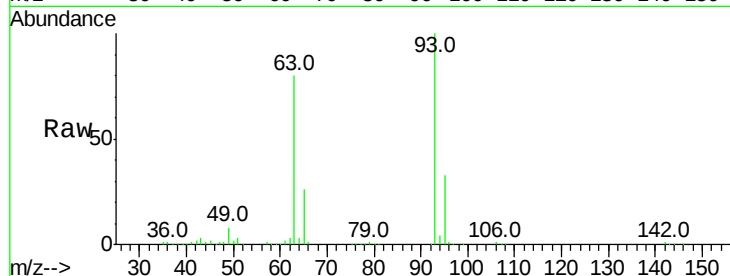
Tot Ion: 93 Resp: 511679

Ion Ratio Lower Upper

93 100

63 80.0 53.9 93.9

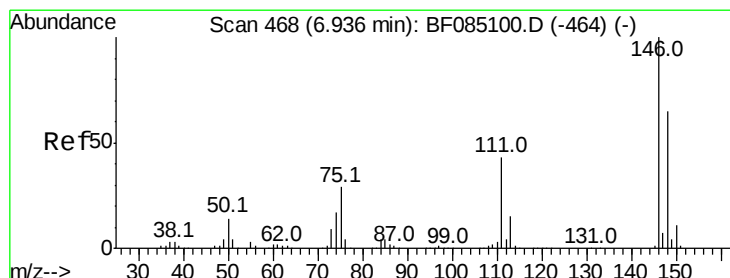
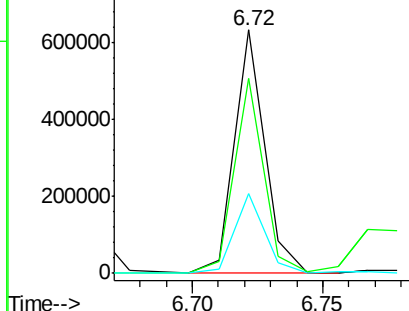
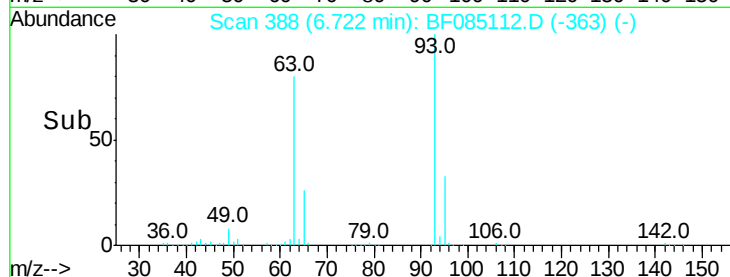
95 32.7 13.8 53.8



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: 42.08 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.07 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

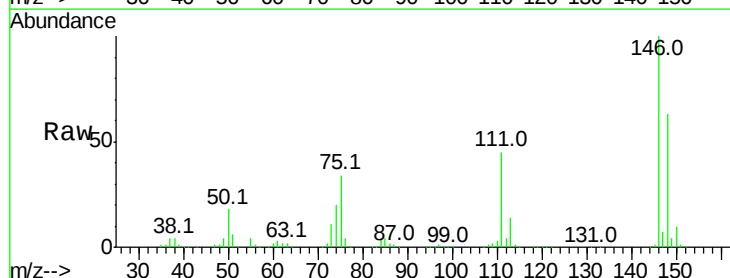
Tgt Ion: 146 Resp: 583765

Ion Ratio Lower Upper

146 100

148 63.0 51.9 77.9

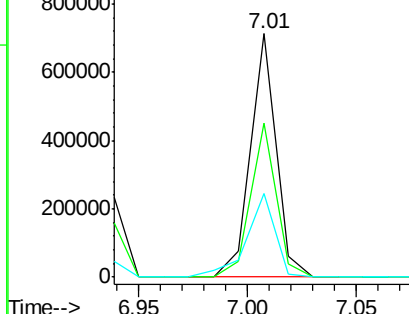
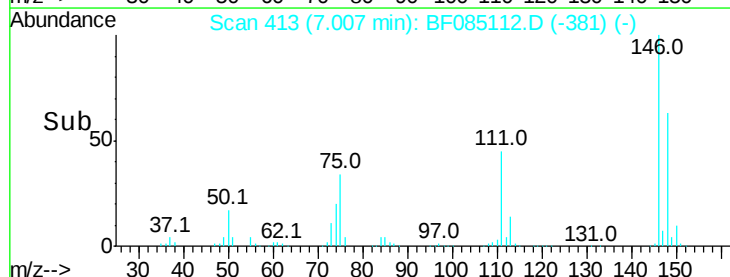
75 34.4 23.3 34.9

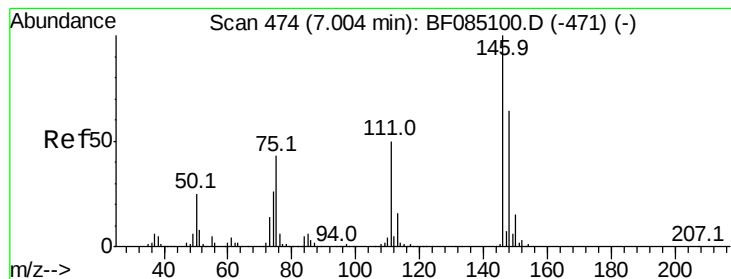


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 41.28 ng

RT: 7.01 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampled :

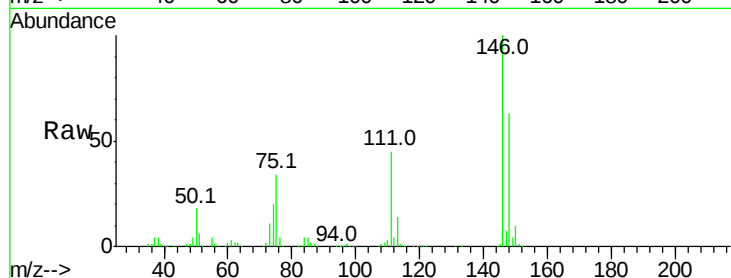
Tot Ion:146 Resp: 583765

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

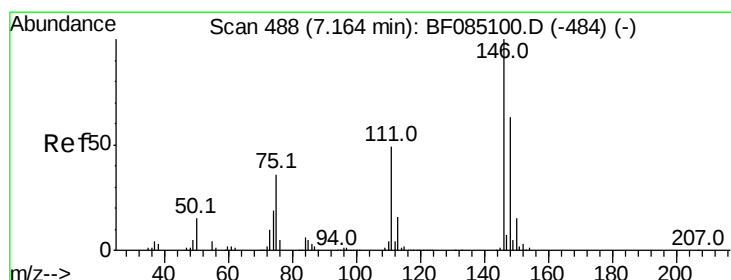
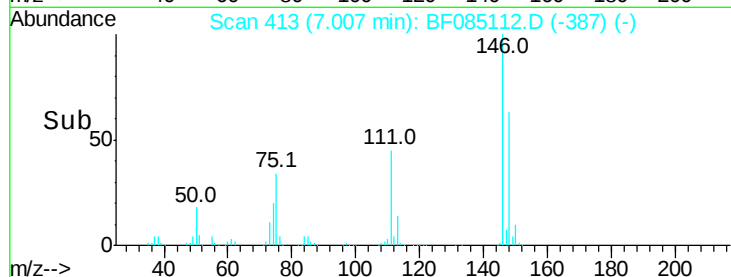
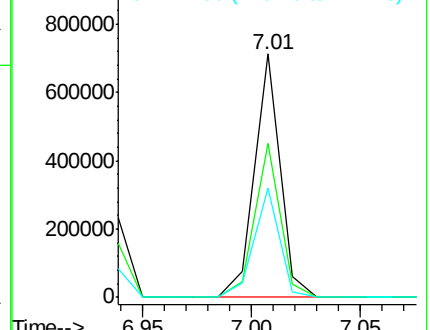
111 44.9 40.0 60.0



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: 46.89 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.16 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

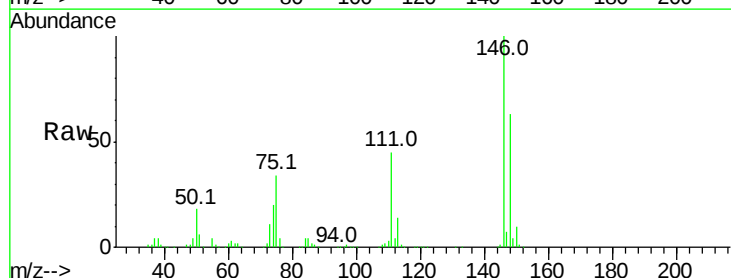
Tgt Ion:146 Resp: 583765

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

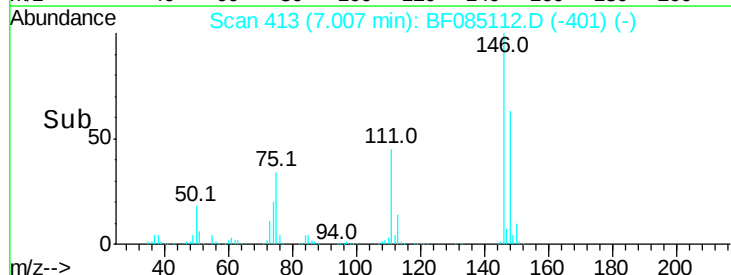
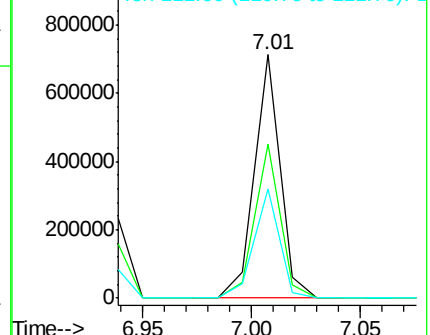
111 44.9 38.9 58.3

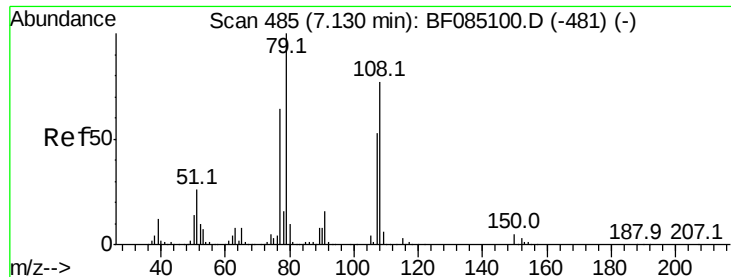


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.04 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

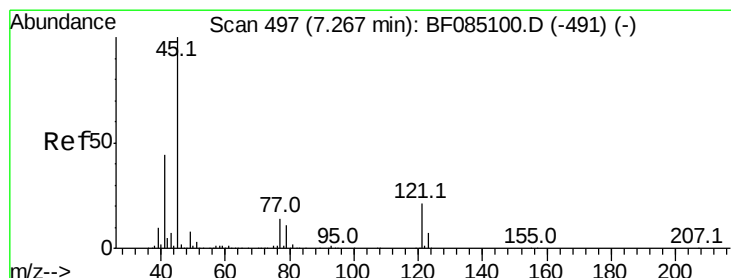
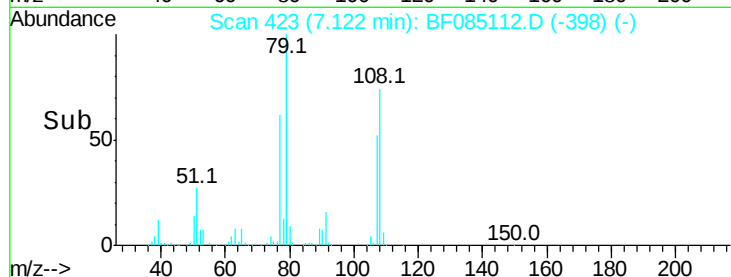
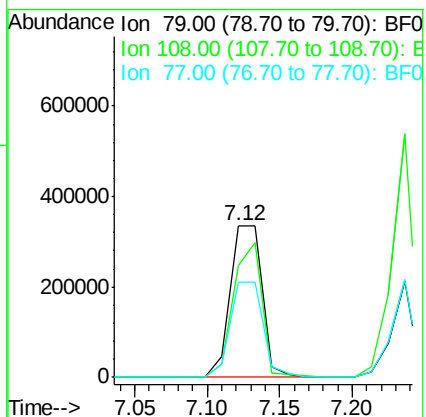
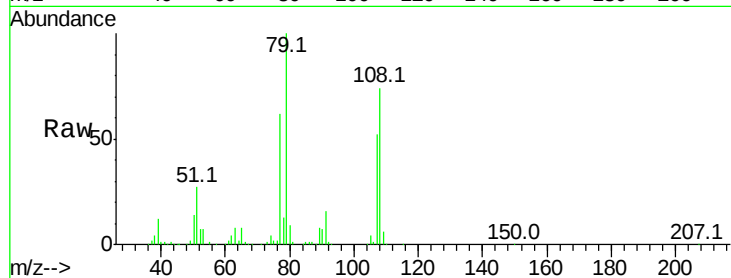
Tot Ion: 79 Resp: 514405

Ion Ratio Lower Upper

79 100

108 73.9 61.8 92.6

77 62.5 51.2 76.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.92 ng

RT: 7.27 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

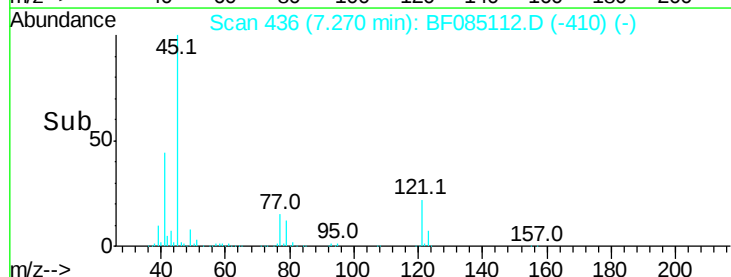
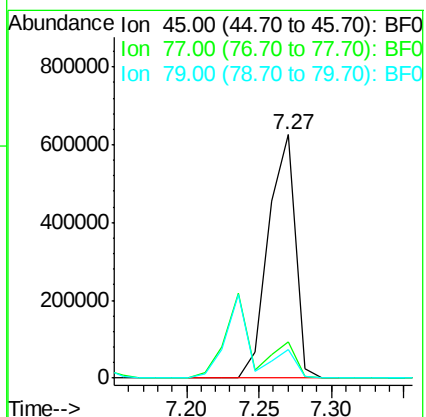
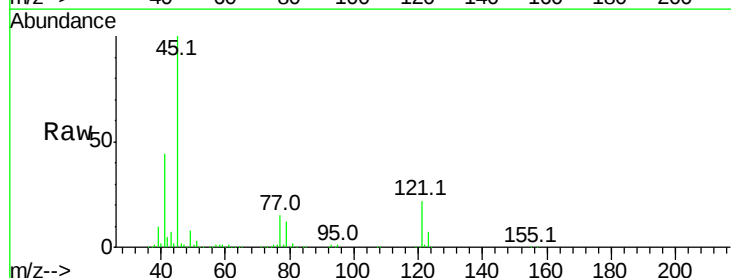
Tgt Ion: 45 Resp: 804925

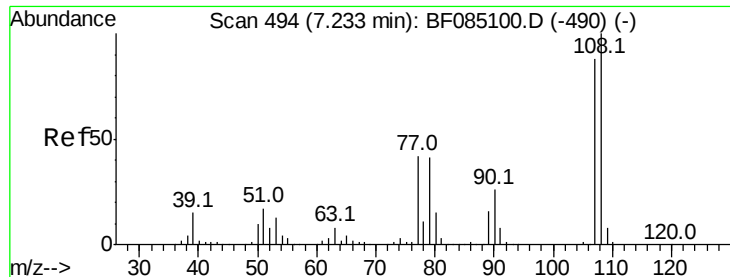
Ion Ratio Lower Upper

45 100

77 14.9 0.0 34.4

79 11.7 0.0 31.1





#17

2-Methylphenol

Concen: 43.73 ng

RT: 7.24 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 473269

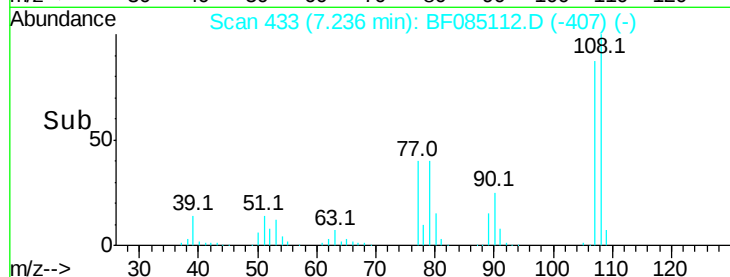
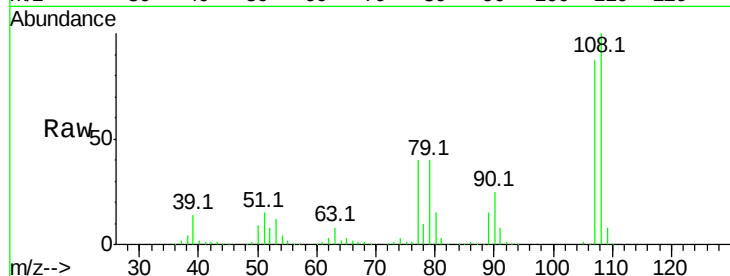
Ion Ratio Lower Upper

107 100

108 115.2 91.4 137.2

77 46.5 38.7 58.1

79 45.7 37.8 56.6

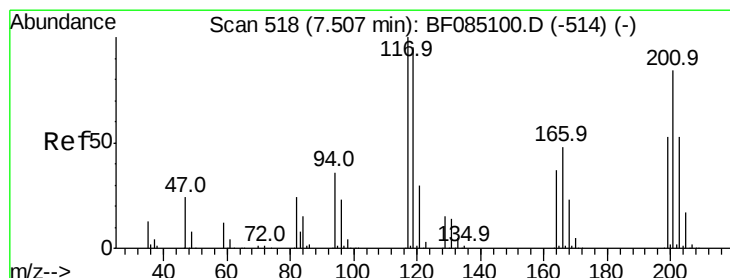
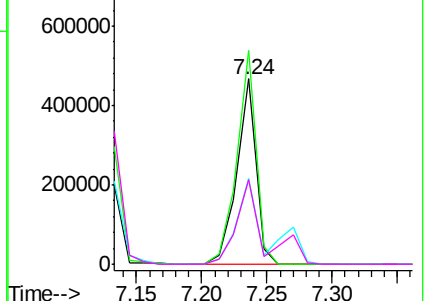


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.95 ng

RT: 7.51 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

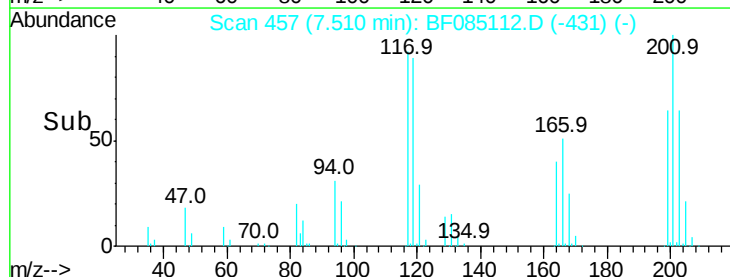
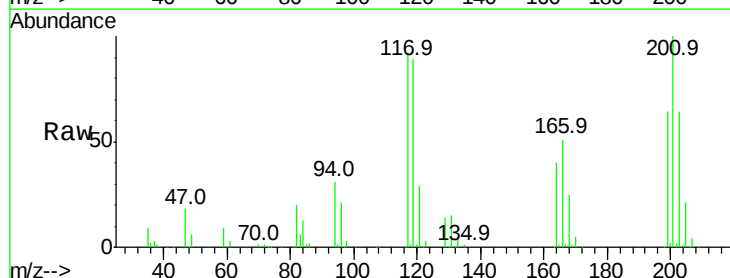
Tgt Ion:117 Resp: 224481

Ion Ratio Lower Upper

117 100

119 97.0 76.2 114.4

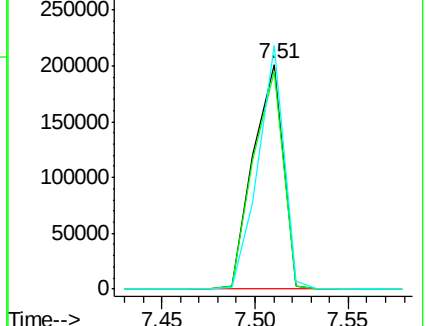
201 108.4 66.8 100.2#

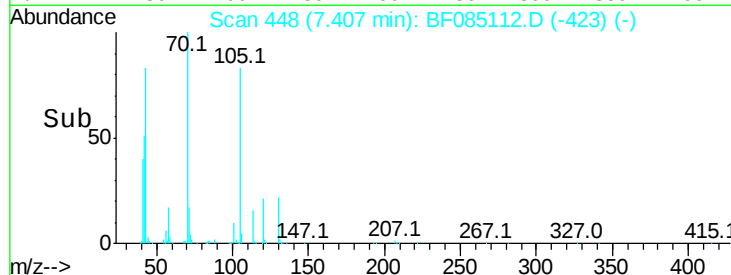
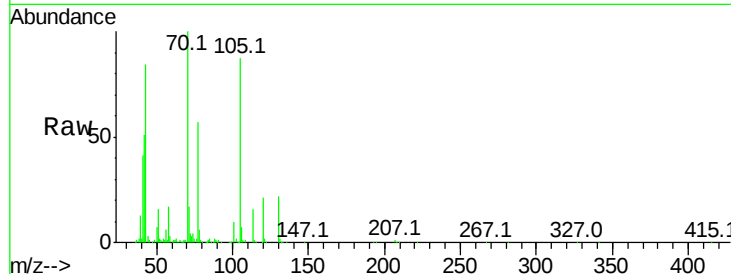
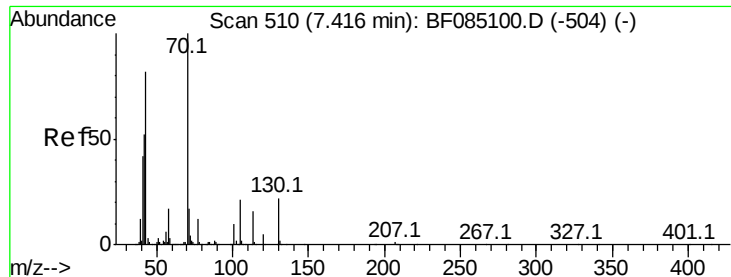


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

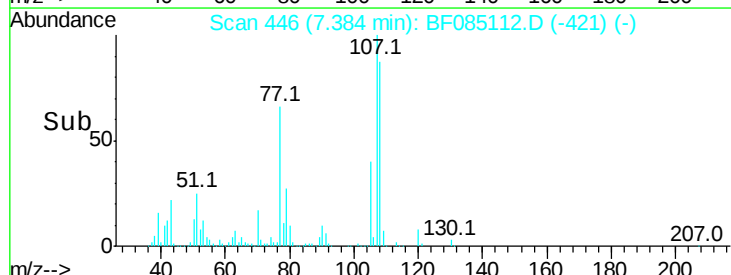
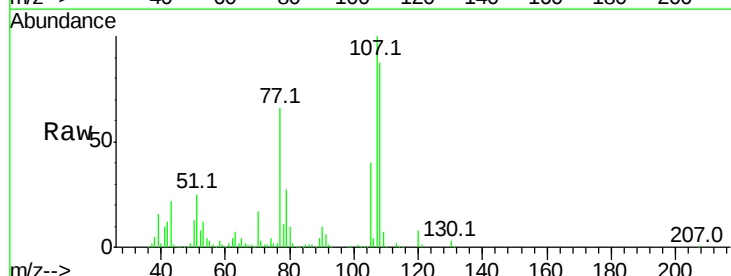
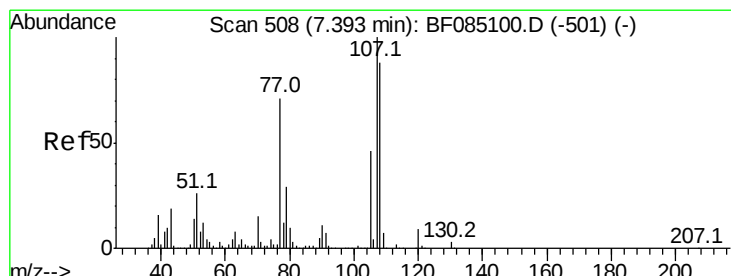
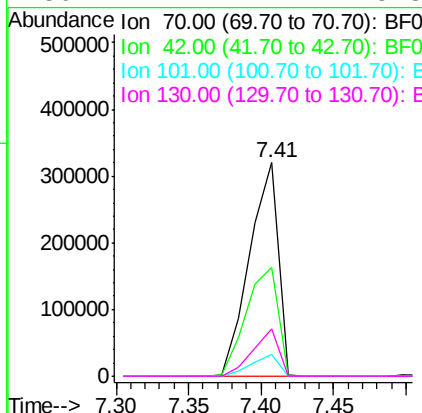




#19
n-Nitroso-di-n-propylamine
Concen: 45.41 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

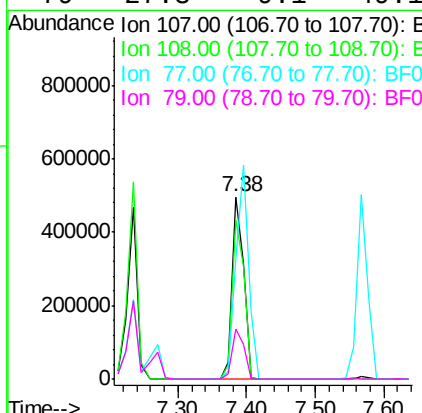
Instrument :
BNA_F
ClientSampled :

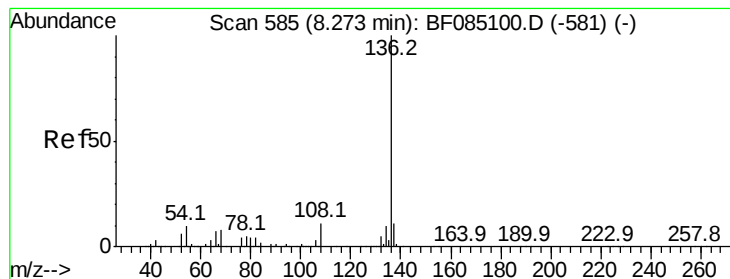
Tot Ion:	70	Resp:	439652
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.9	62.9
101	9.9	7.8	11.8
130	22.1	17.2	25.8



#20
3+4-Methylphenols
Concen: 46.08 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:	107	Resp:	595951
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.8	107.8
77	66.0	50.6	90.6
79	27.3	9.1	49.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085112.D

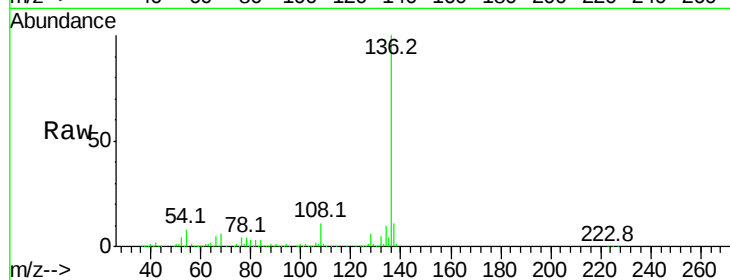
Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	748571
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.1	8.5	12.7#
68	6.2	6.4	9.6#



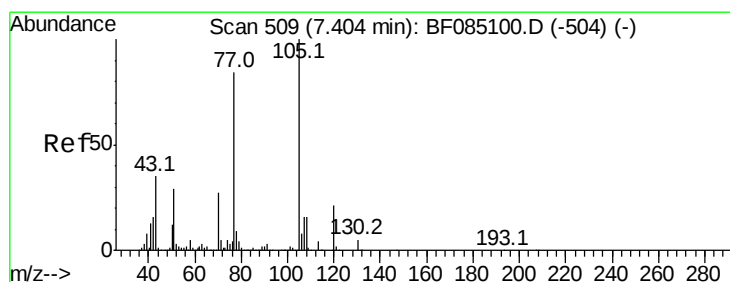
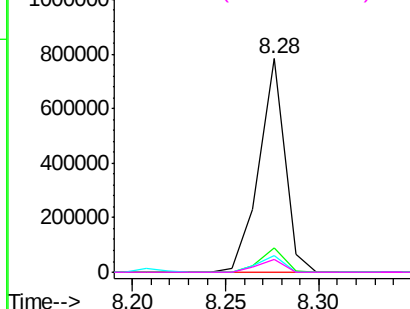
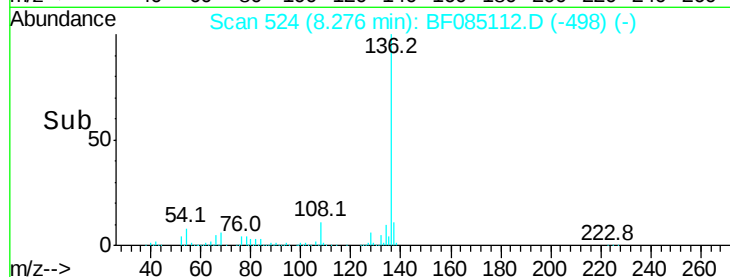
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.20 ng

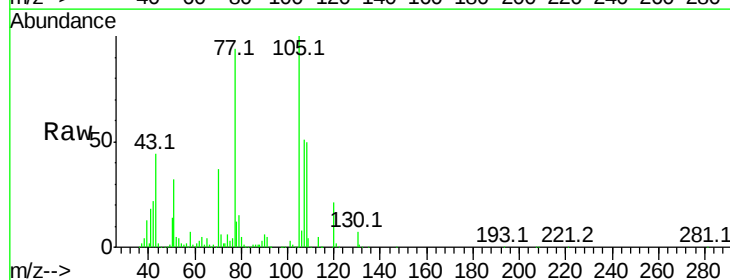
RT: 7.40 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:	105	Resp:	756972
Ion	Ratio	Lower	Upper
105	100		
71	6.3	3.8	5.6#
51	31.5	22.9	34.3
120	20.6	16.9	25.3



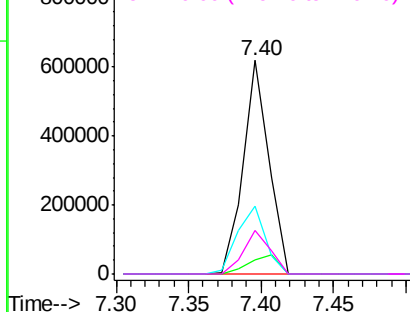
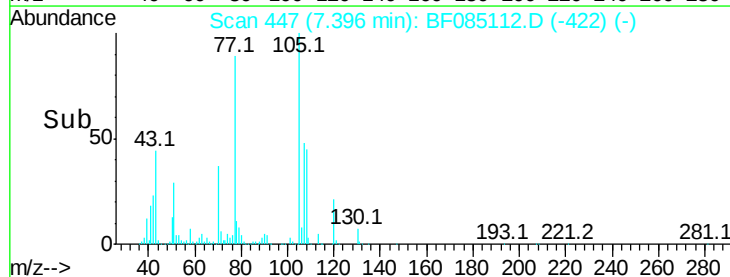
Abundance

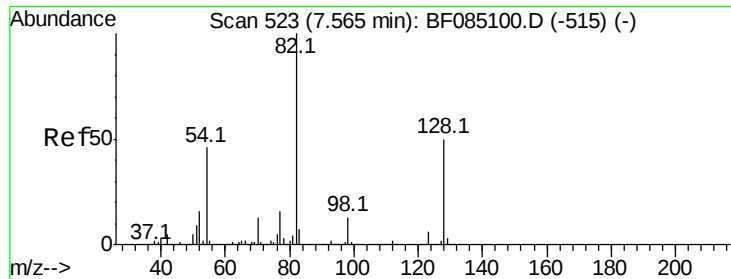
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

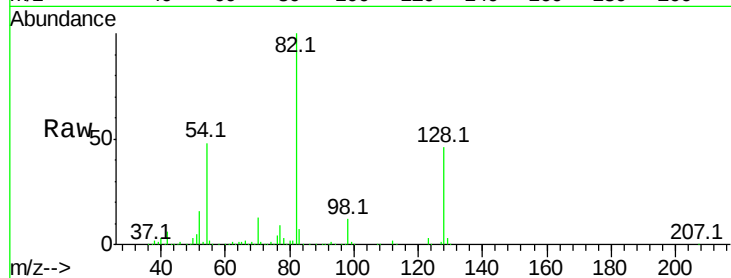




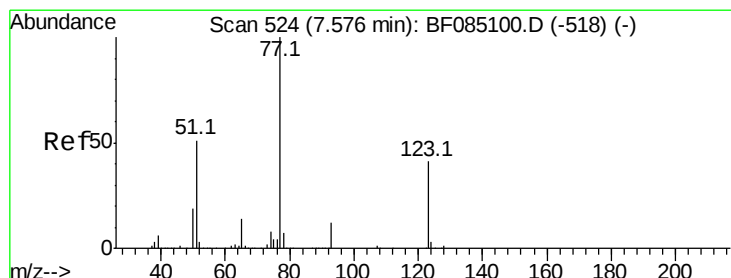
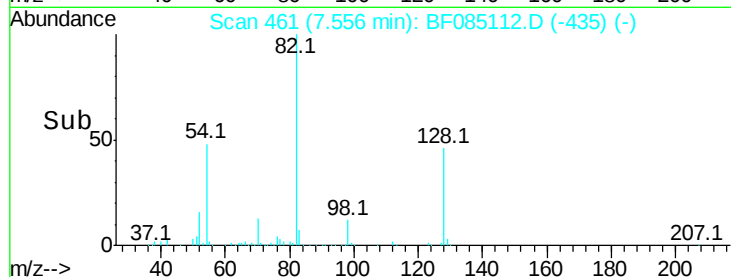
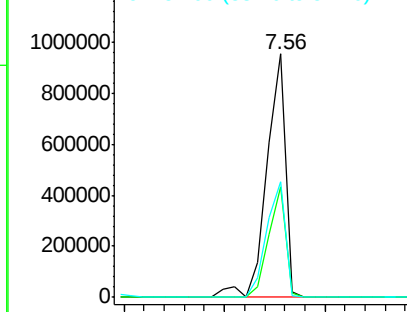
#23
Nitrobenzene-d5
Concen: 87.74 ng
RT: 7.56 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1234557
Ion Ratio Lower Upper
82 100
128 45.5 39.8 59.6
54 47.7 36.6 54.8

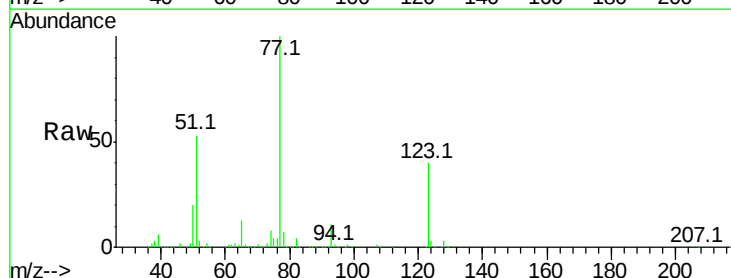


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

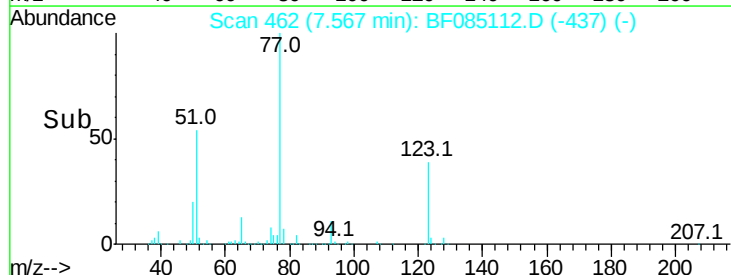
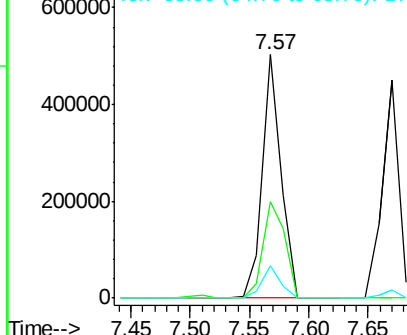


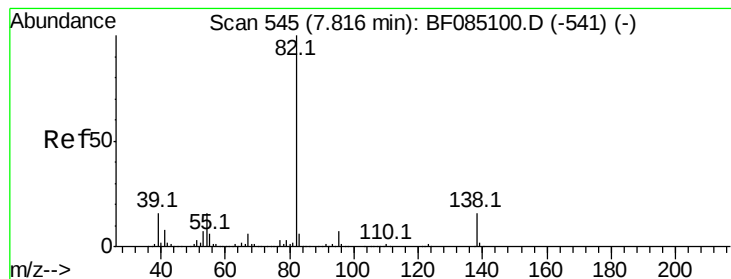
#24
Nitrobenzene
Concen: 38.17 ng
RT: 7.57 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion: 77 Resp: 557059
Ion Ratio Lower Upper
77 100
123 39.8 33.4 50.2
65 13.3 10.9 16.3



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





#25

Isophorone

Concen: 41.36 ng

RT: 7.81 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampled :

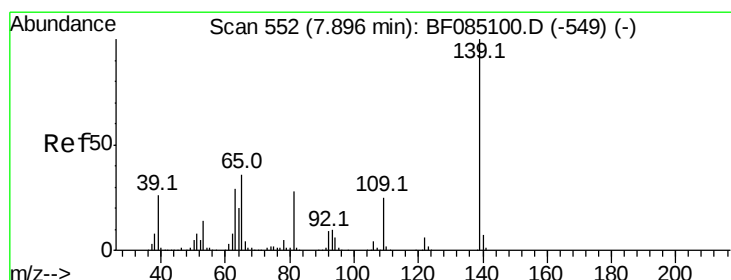
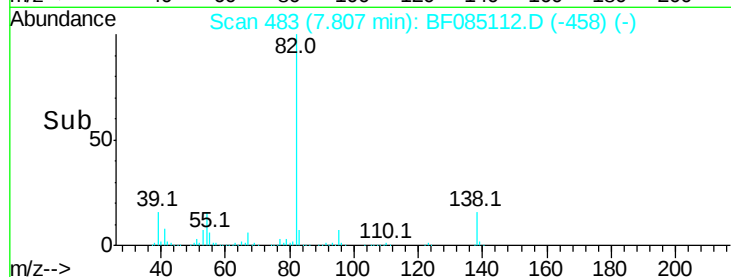
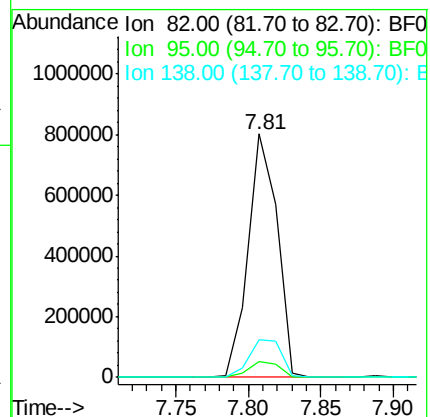
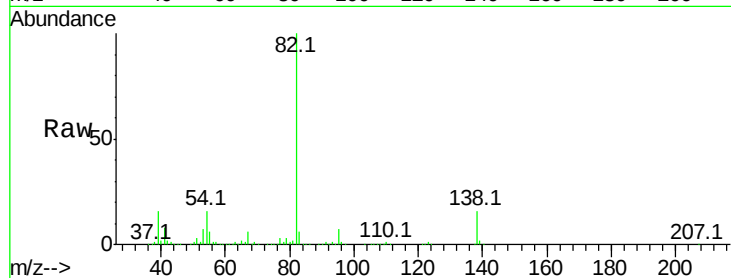
Tot Ion: 82 Resp: 1113150

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 15.6 12.6 18.8



#26

2-Nitrophenol

Concen: 41.16 ng

RT: 7.89 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

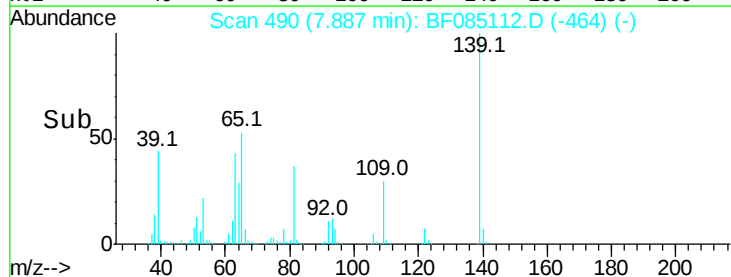
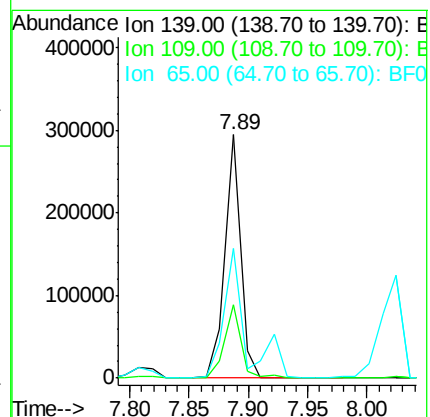
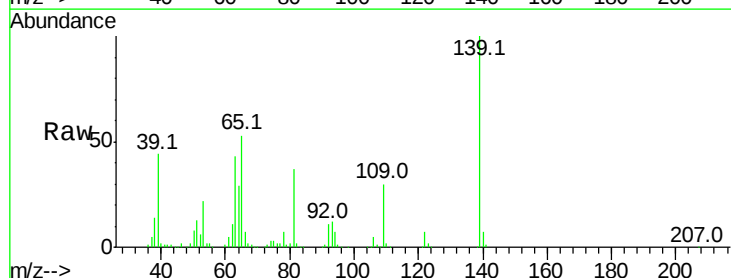
Tgt Ion:139 Resp: 268643

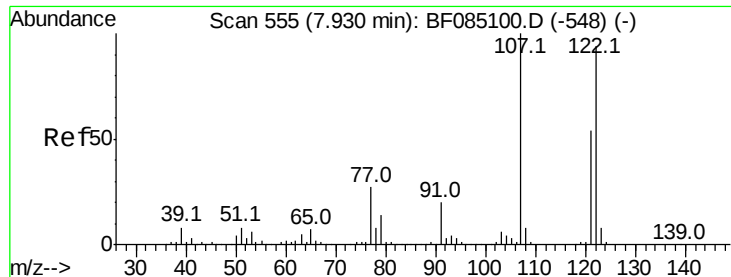
Ion Ratio Lower Upper

139 100

109 30.2 20.4 30.6

65 53.5 29.2 43.8#

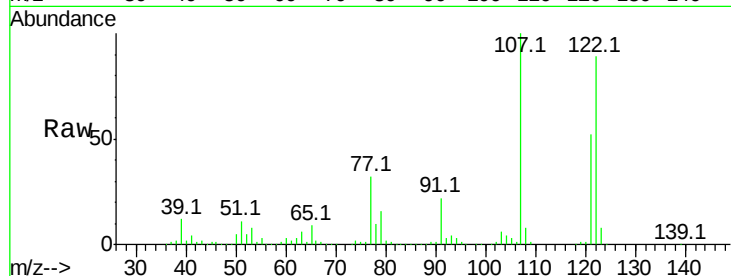




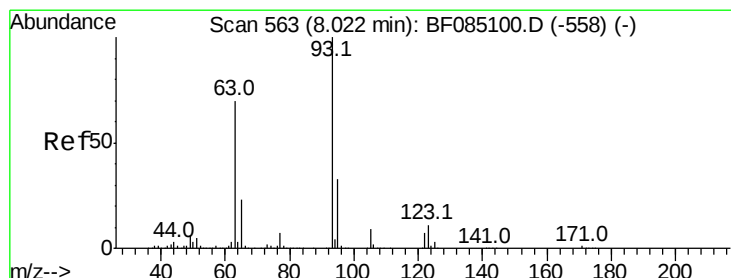
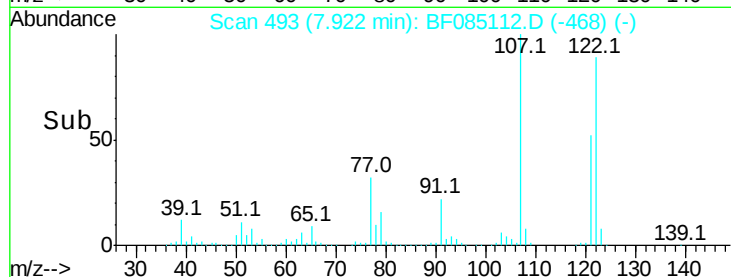
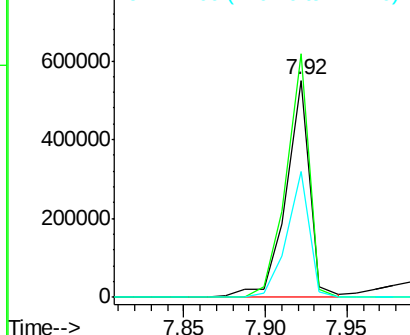
#27
2,4-Dimethylphenol
Concen: 44.23 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 559450
Ion Ratio Lower Upper
122 100
107 112.2 85.0 127.4
121 58.3 45.8 68.8

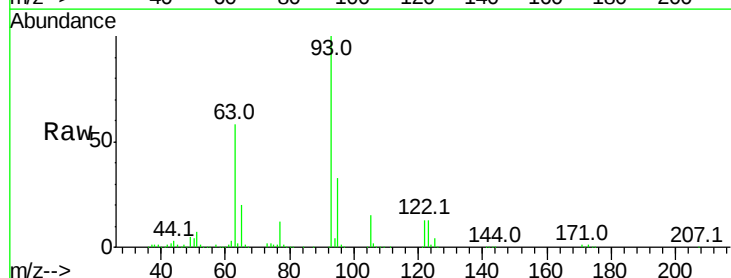


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

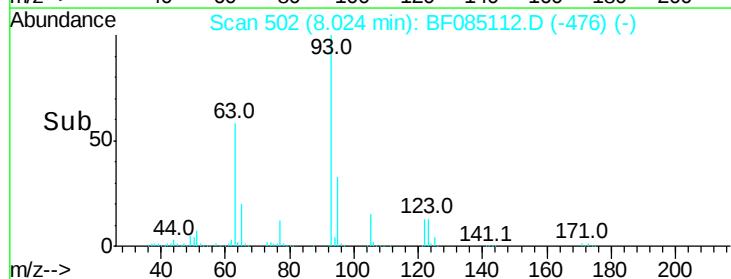
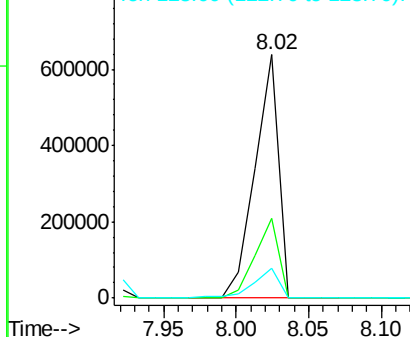


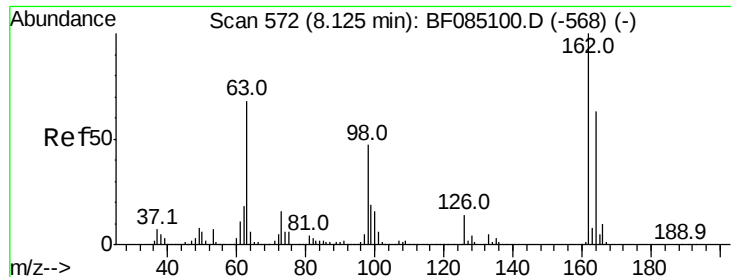
#28
bis(2-Chloroethoxy)methane
Concen: 48.55 ng
RT: 8.02 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion: 93 Resp: 720600
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.4
123 12.5 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

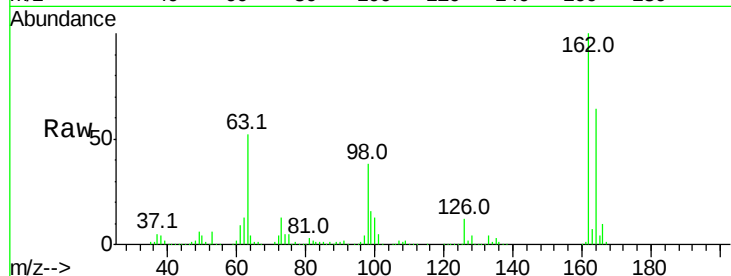




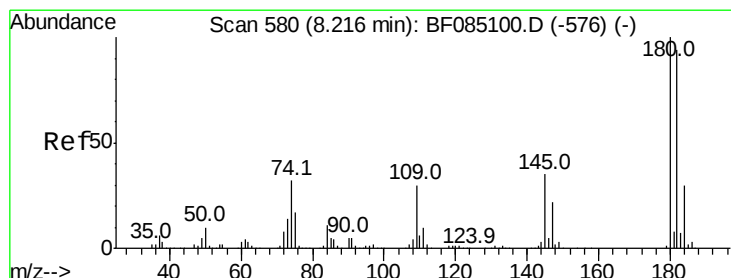
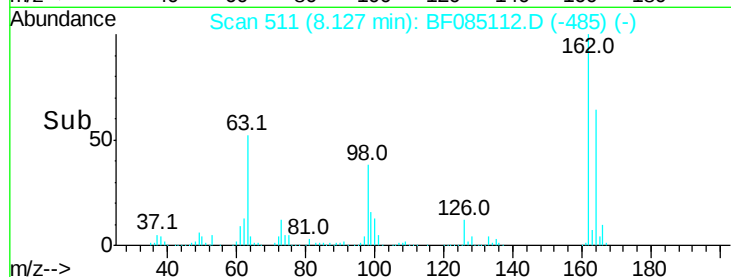
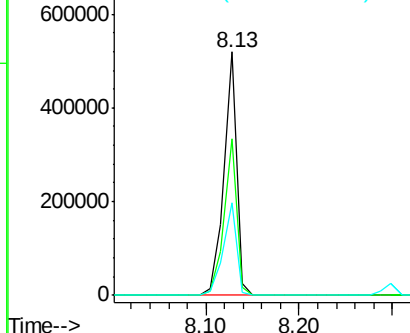
#29
2,4-Dichlorophenol
Concen: 47.07 ng
RT: 8.13 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 489882
Ion Ratio Lower Upper
162 100
164 64.1 42.9 82.9
98 38.2 26.9 66.9

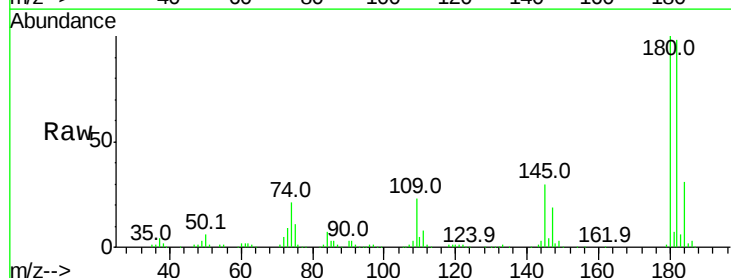


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

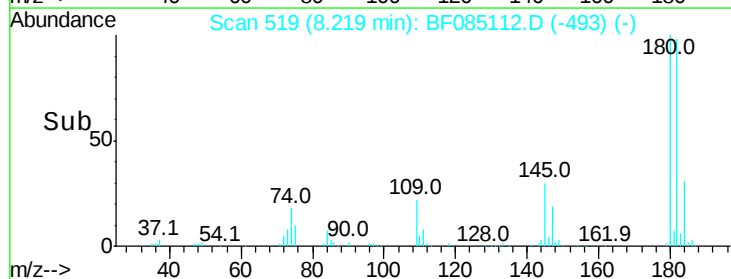
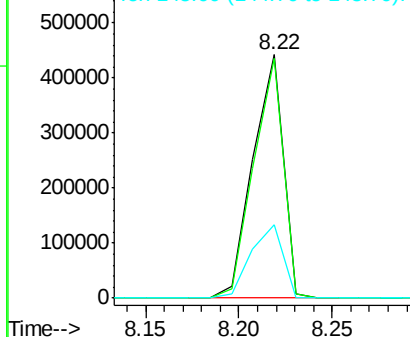


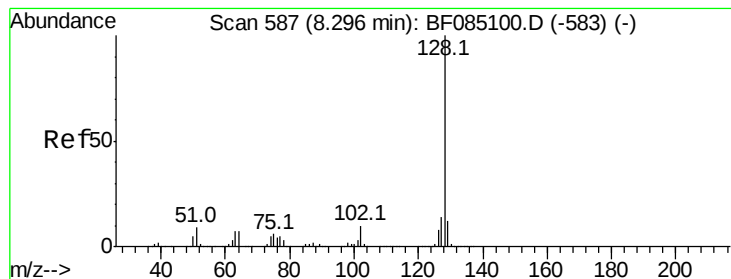
#30
1,2,4-Trichlorobenzene
Concen: 43.66 ng
RT: 8.22 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:180 Resp: 495342
Ion Ratio Lower Upper
180 100
182 98.3 75.4 113.0
145 30.1 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: 43.24 ng

RT: 8.30 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampled :

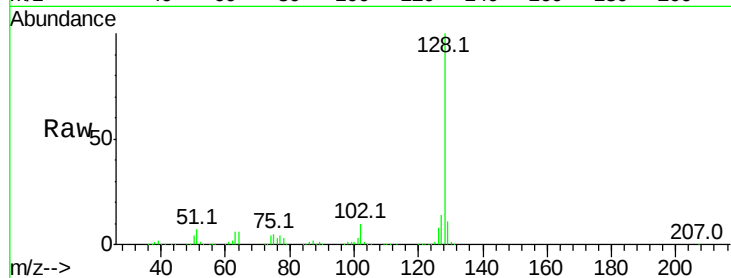
Tot Ion:128 Resp: 1637112

Ion Ratio Lower Upper

128 100

129 11.5 9.7 14.5

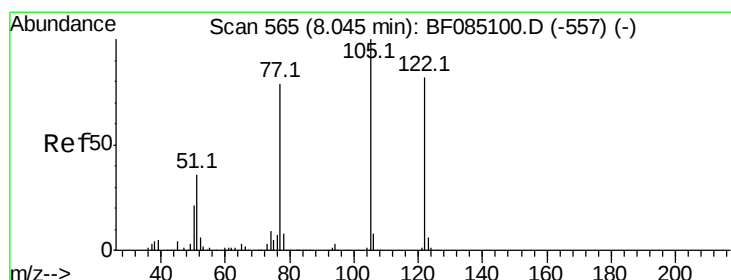
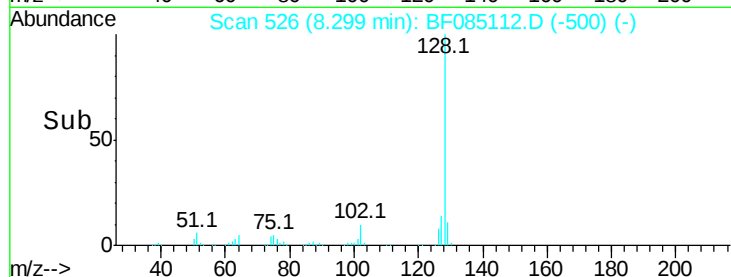
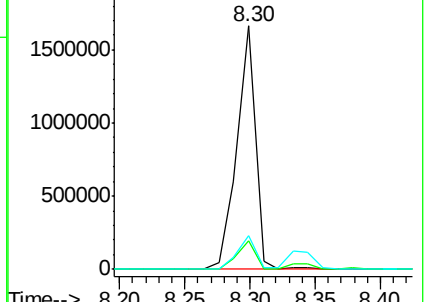
127 13.8 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.77 ng

RT: 8.02 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

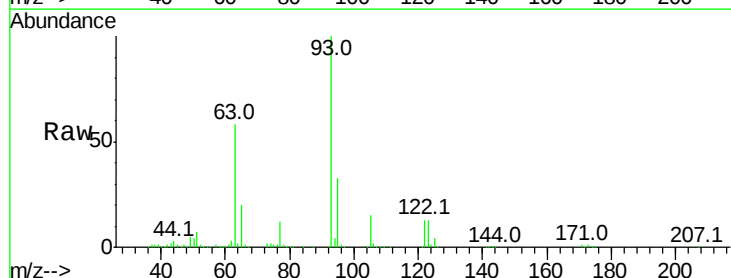
Tgt Ion:122 Resp: 221178

Ion Ratio Lower Upper

122 100

105 121.5 102.0 142.0

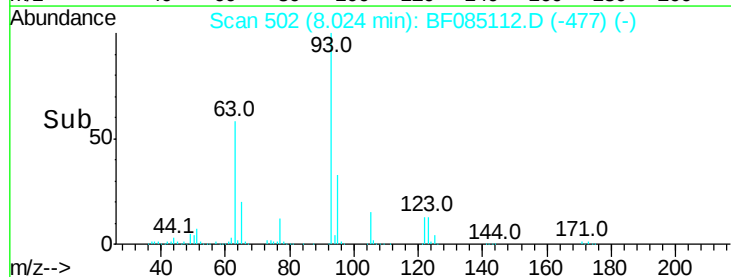
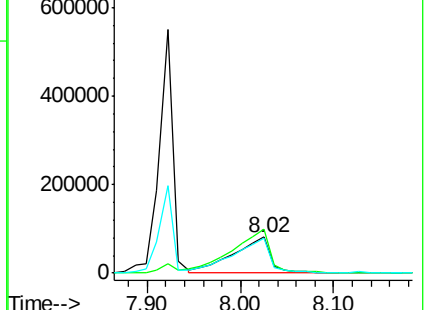
77 98.3 76.8 116.8

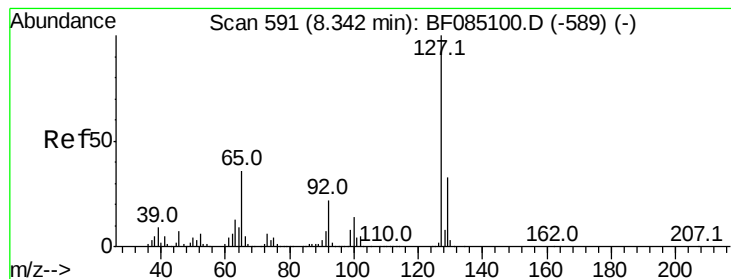


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.91 ng

RT: 8.33 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 178183

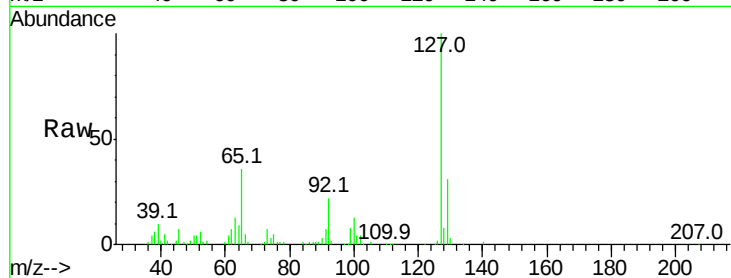
Ion Ratio Lower Upper

127 100

129 31.4 26.3 39.5

65 36.4 28.6 43.0

92 21.6 17.8 26.8

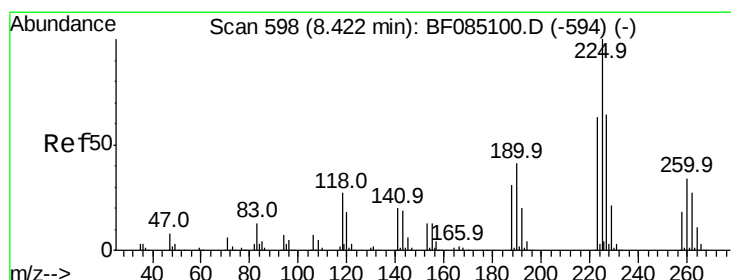
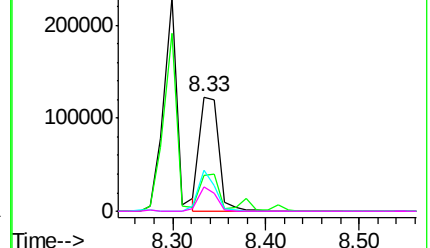
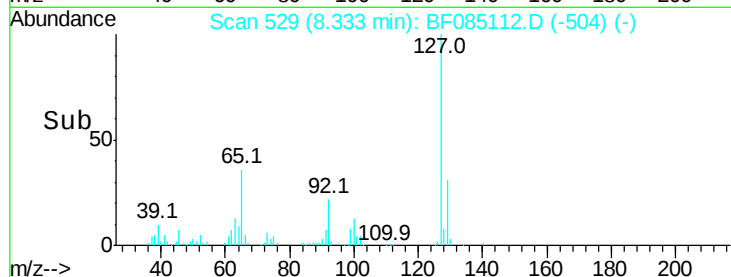


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.56 ng

RT: 8.41 min Scan# 536

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

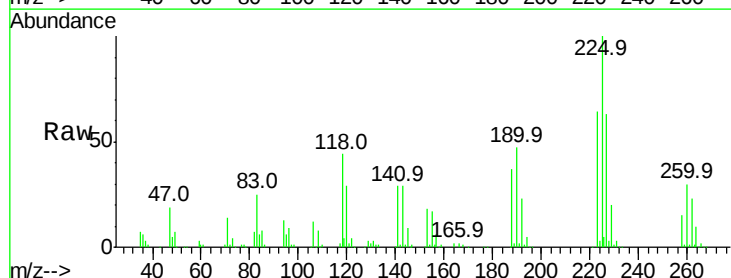
Tgt Ion:225 Resp: 266931

Ion Ratio Lower Upper

225 100

223 64.3 50.4 75.6

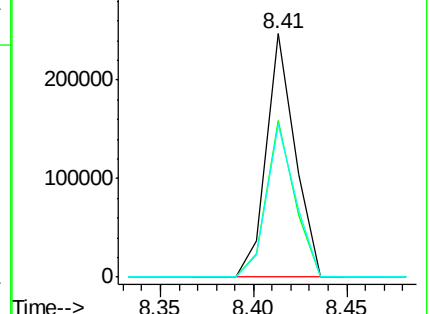
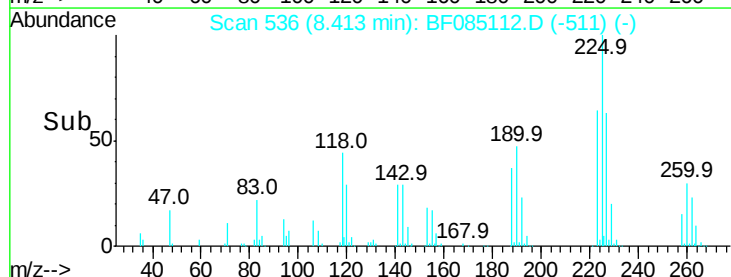
227 62.9 51.6 77.4

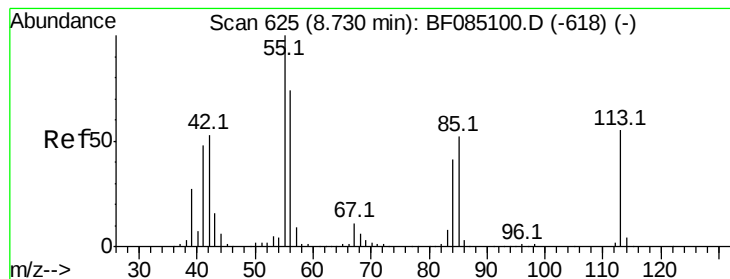


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 14.68 ng

RT: 8.74 min Scan# 565

Delta R.T. 0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

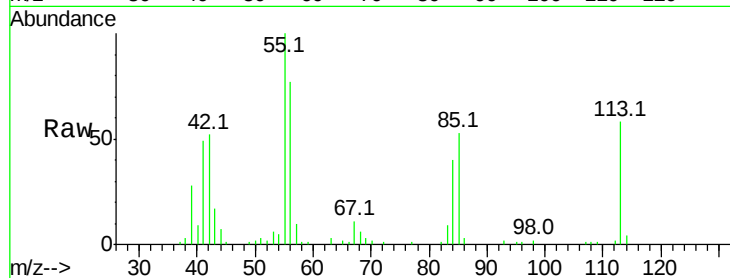
Tot Ion:113 Resp: 47936

Ion Ratio Lower Upper

113 100

55 173.4 162.9 202.9

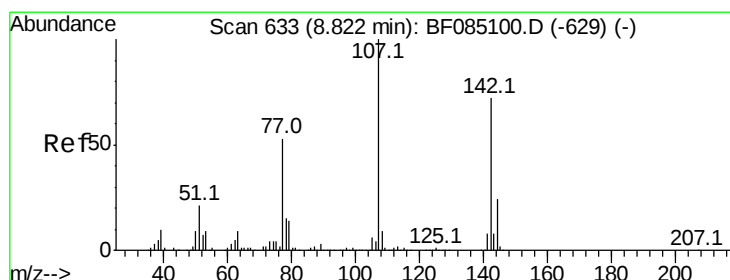
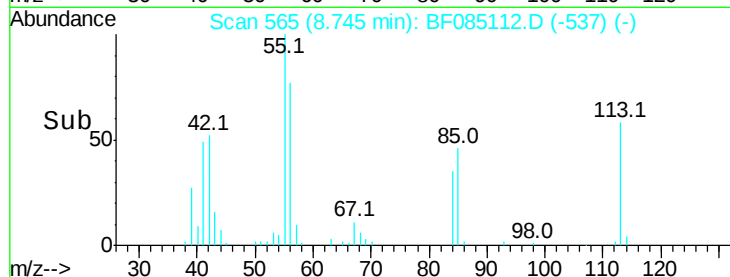
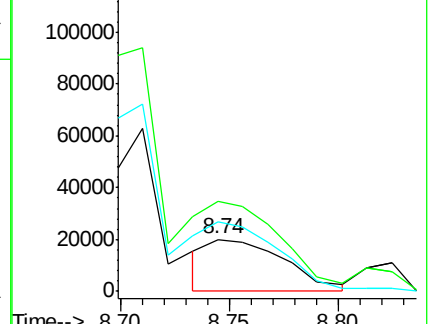
56 134.0 114.5 154.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.07 ng

RT: 8.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

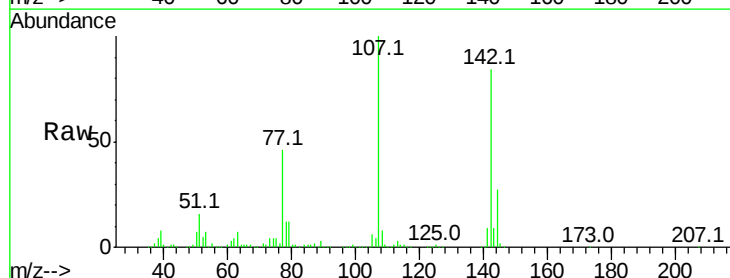
Tgt Ion:107 Resp: 530168

Ion Ratio Lower Upper

107 100

144 27.3 18.9 28.3

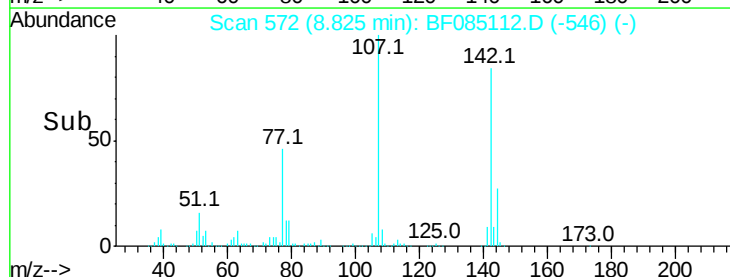
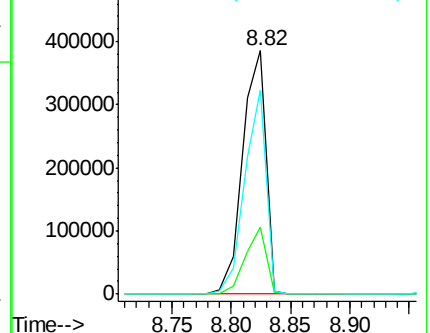
142 83.8 57.9 86.9

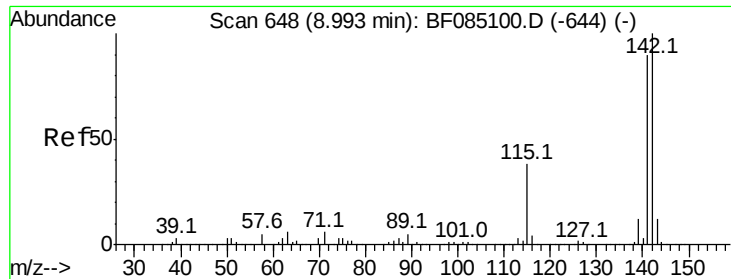


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

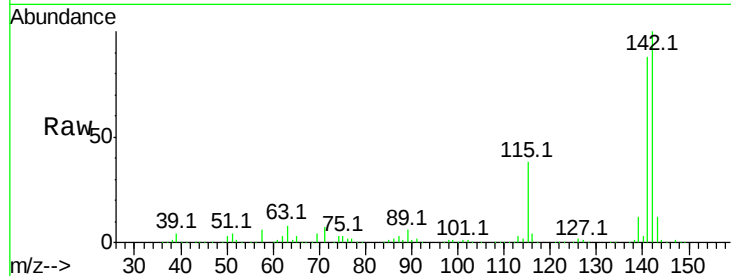




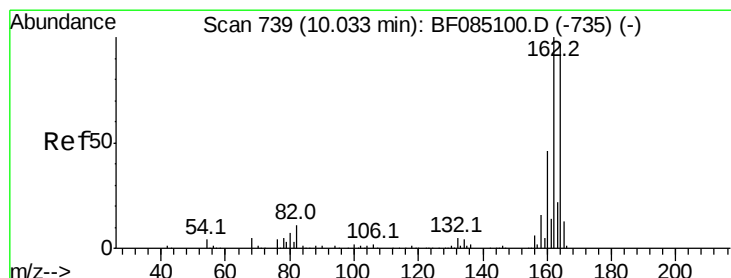
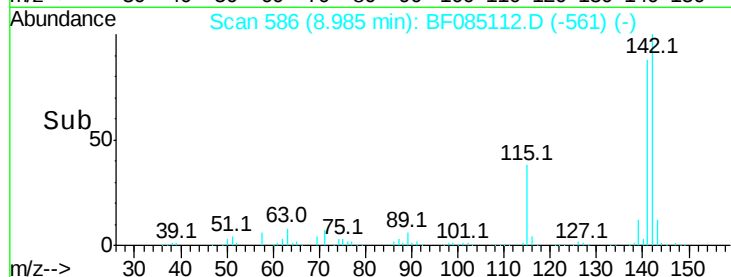
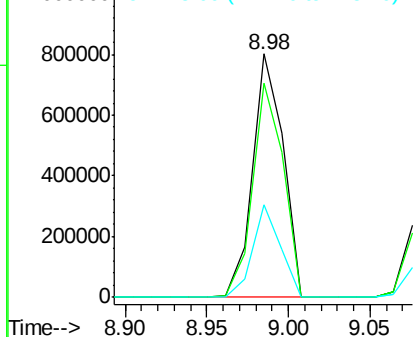
#37
2-Methylnaphthalene
Concen: 44.93 ng
RT: 8.98 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1039673
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5
115 38.0 30.1 45.1

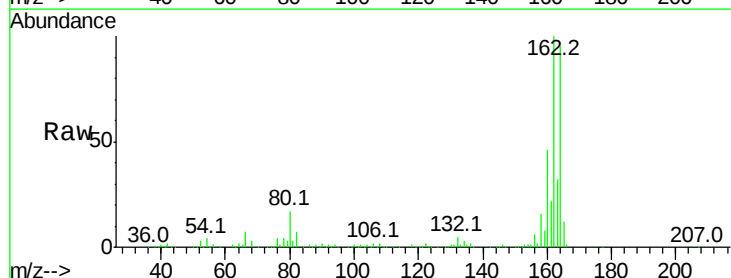


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

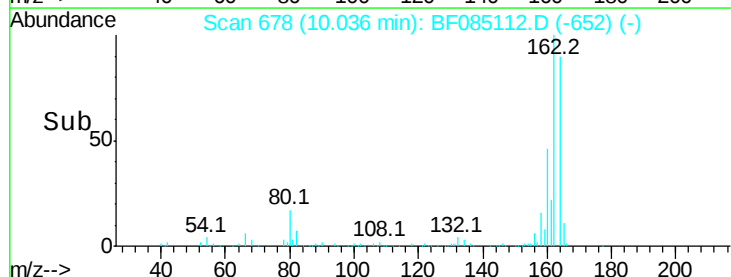
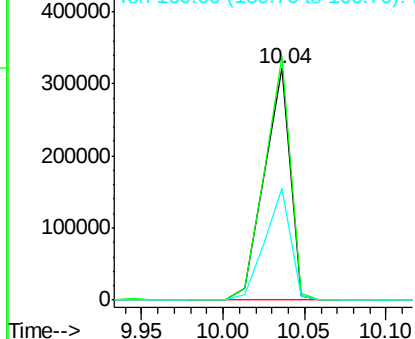


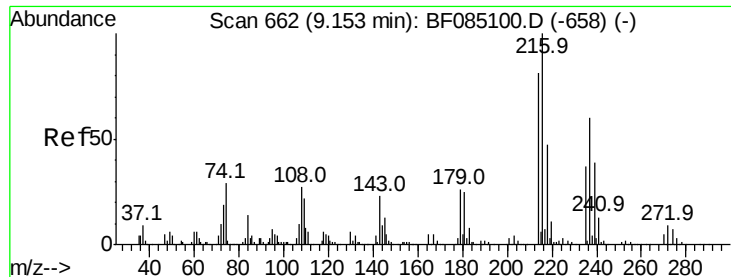
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:164 Resp: 355365
Ion Ratio Lower Upper
164 100
162 104.9 82.6 123.8
160 48.4 38.2 57.2



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

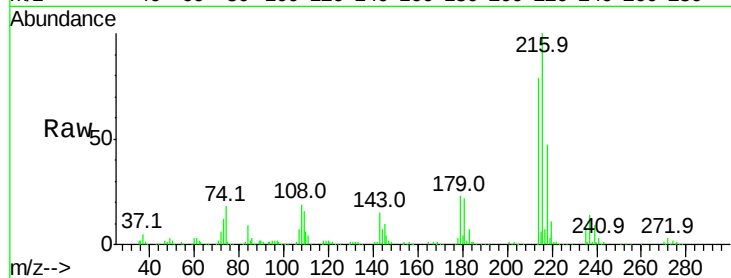




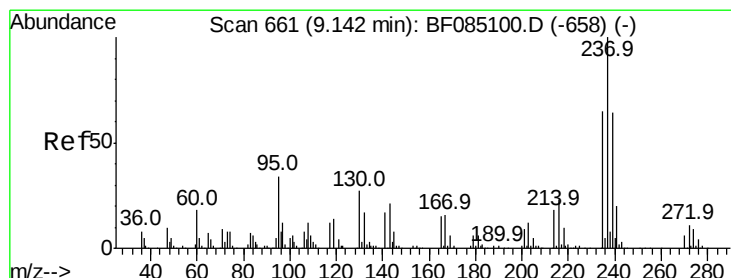
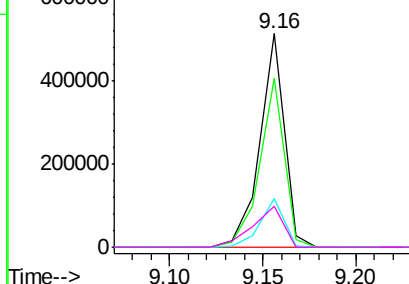
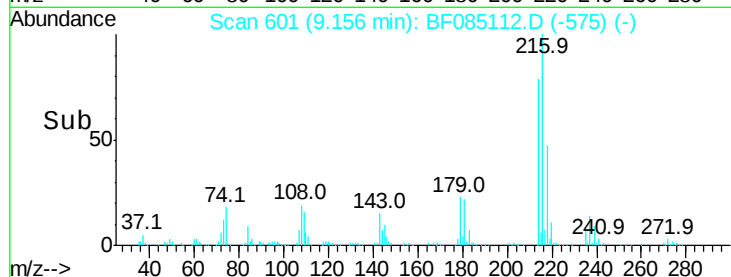
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.41 ng
 RT: 9.16 min Scan# 601
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	464142
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.7	95.5
179	23.0	18.1	27.1
108	24.5	17.1	25.7

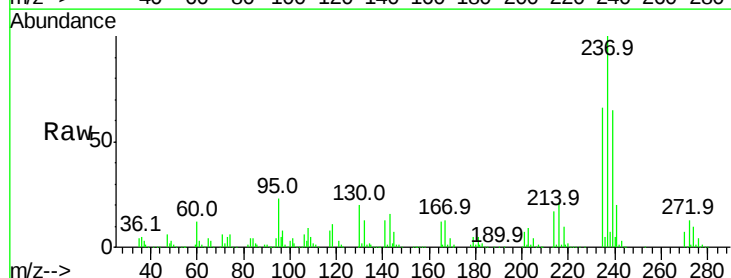


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

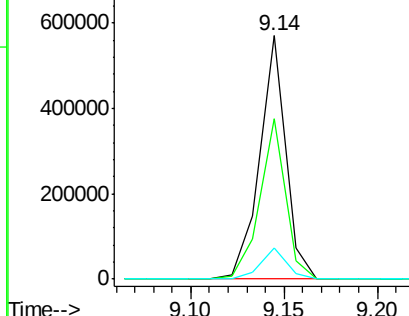
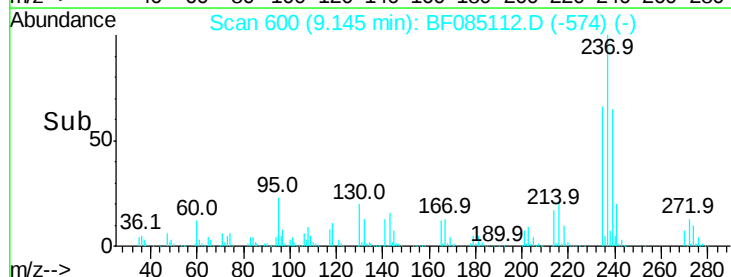


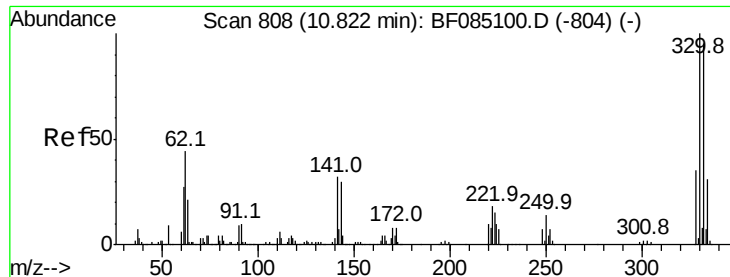
#40
 Hexachlorocyclopentadiene
 Concen: 87.92 ng
 RT: 9.14 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:	237	Resp:	547846
Ion	Ratio	Lower	Upper
237	100		
235	65.7	45.3	85.3
272	12.9	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

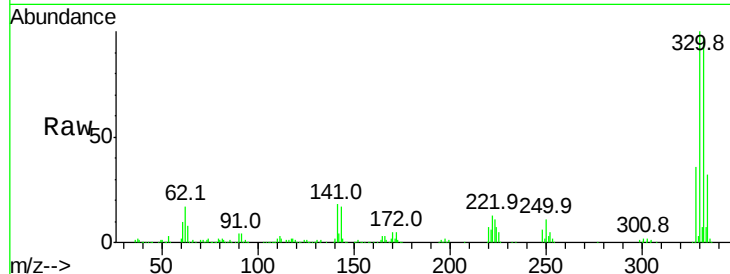




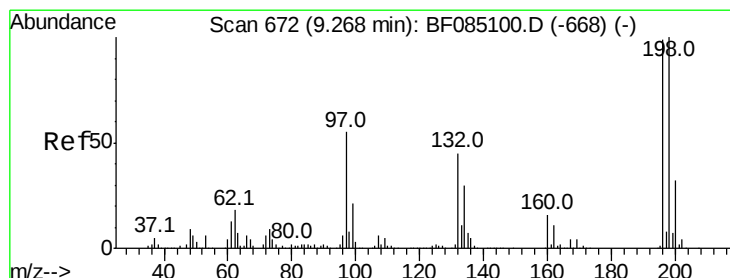
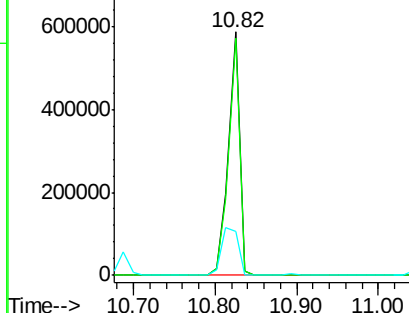
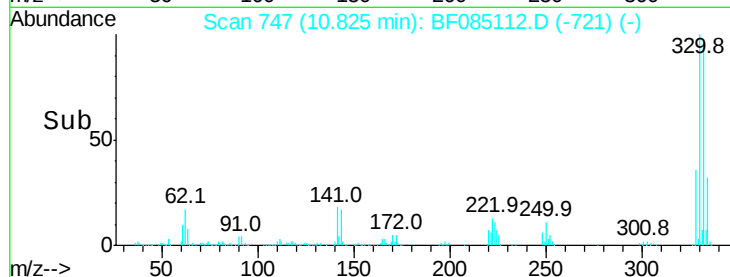
#41
 2,4,6-Tribromophenol
 Concen: 156.74 ng
 RT: 10.82 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	29.5	28.9	43.3

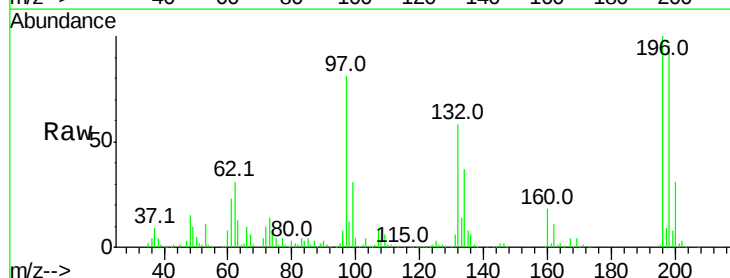


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

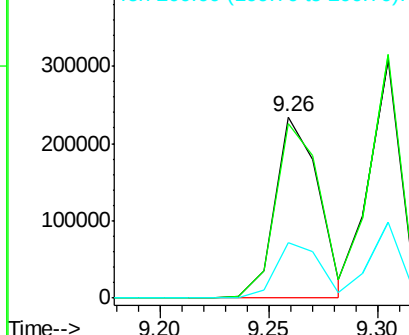
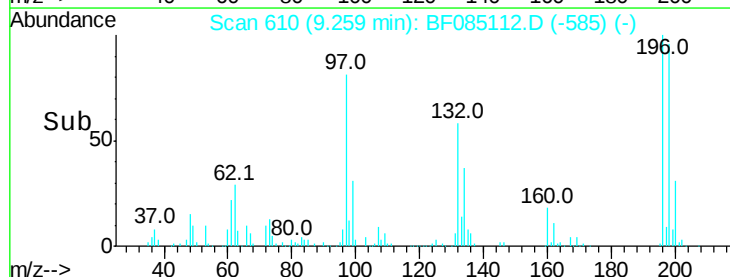


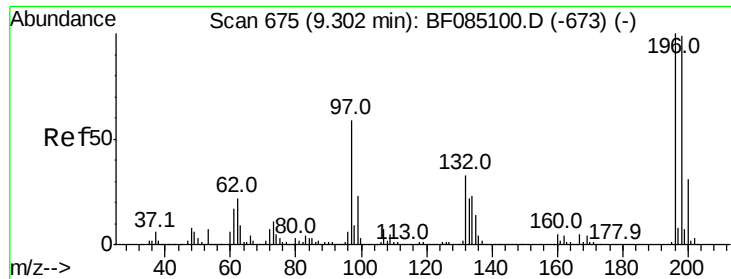
#42
 2,4,6-Trichlorophenol
 Concen: 44.31 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	80.4	120.6
200	30.9	25.8	38.8



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

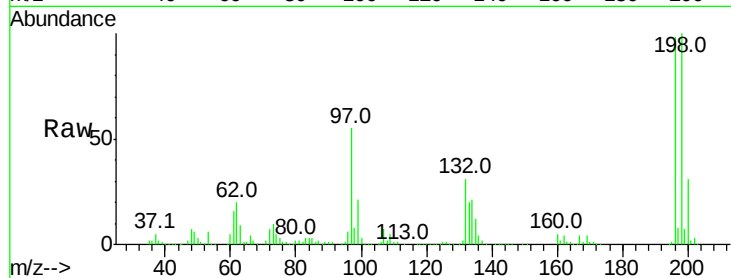




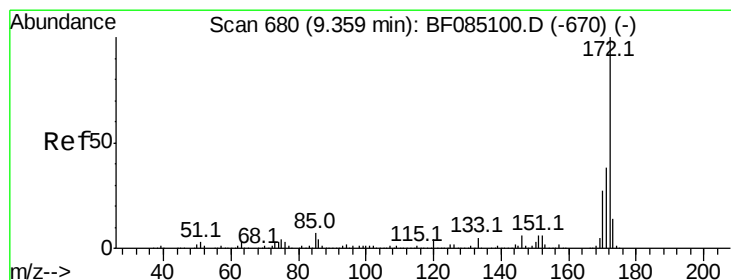
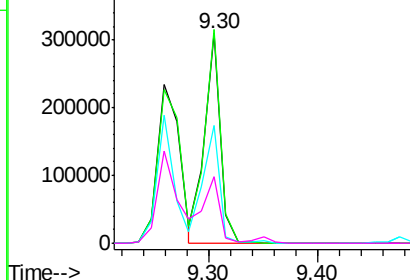
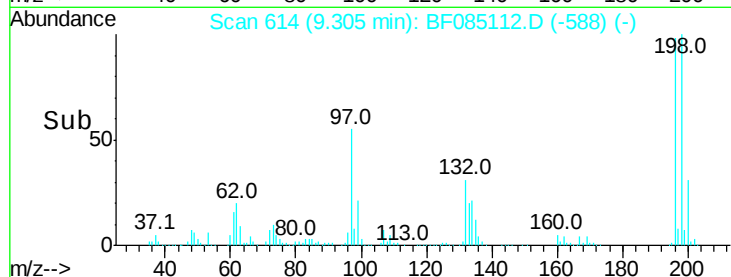
#43
 2,4,5-Trichlorophenol
 Concen: 44.85 ng
 RT: 9.30 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 316651
 Ion Ratio Lower Upper
 196 100
 198 101.8 79.5 119.3
 97 56.0 47.3 70.9
 132 32.0 26.5 39.7

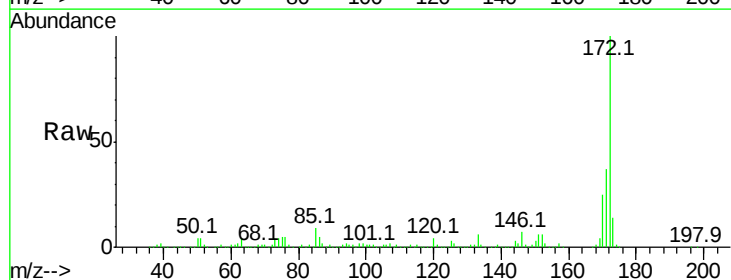


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

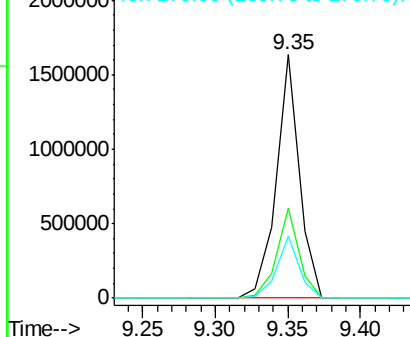
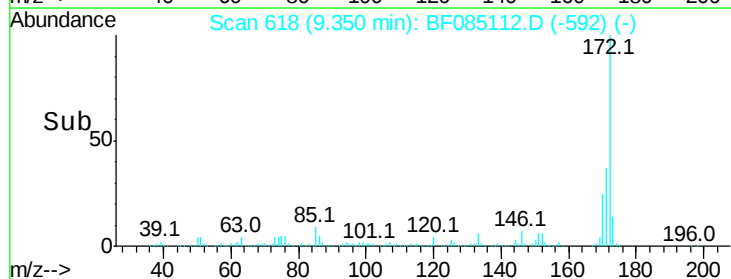


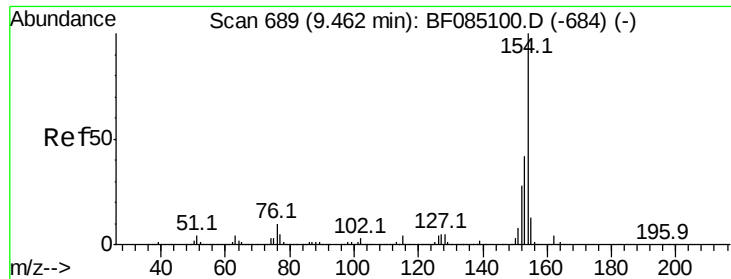
#44
 2-Fluorobiphenyl
 Concen: 74.54 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:172 Resp: 1798528
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 25.3 21.2 31.8



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





#45

1,1'-Biphenyl

Concen: 39.75 ng

RT: 9.45 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

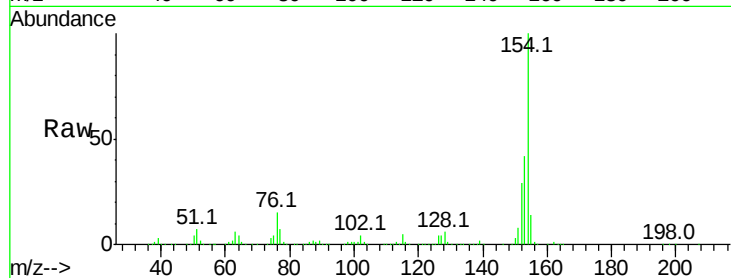
Tot Ion:154 Resp: 1253985

Ion Ratio Lower Upper

154 100

153 42.1 21.5 61.5

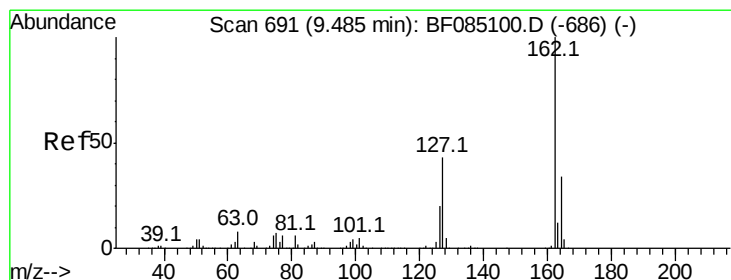
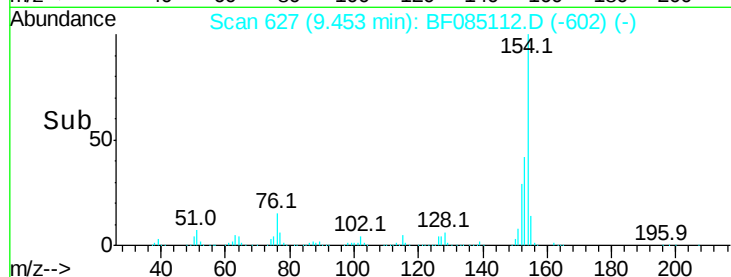
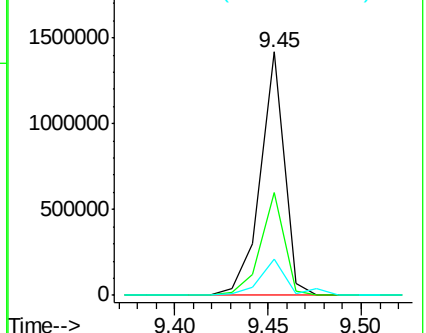
76 14.7 0.0 29.7



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: 39.33 ng

RT: 9.48 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

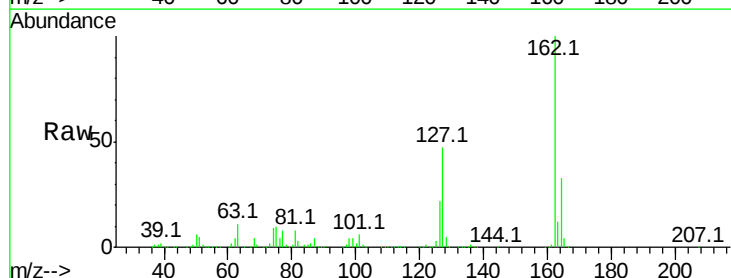
Tgt Ion:162 Resp: 904895

Ion Ratio Lower Upper

162 100

127 47.0 34.2 51.4

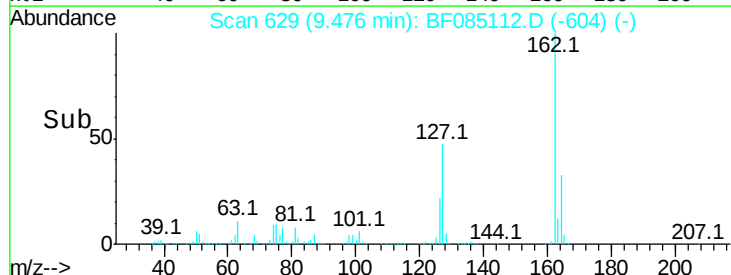
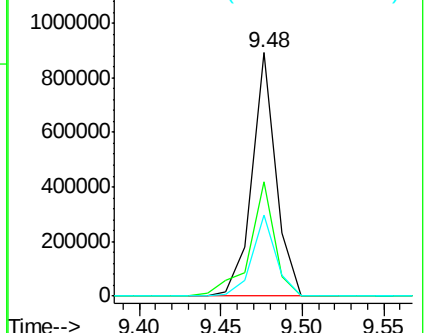
164 33.1 27.2 40.8

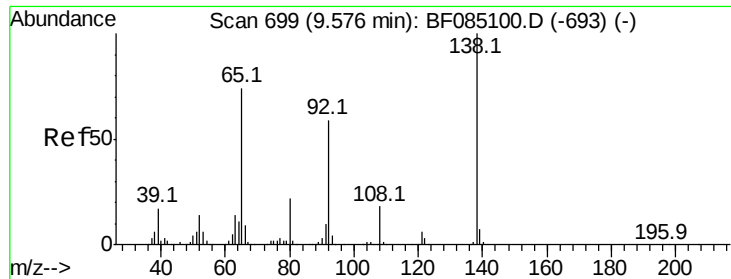


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

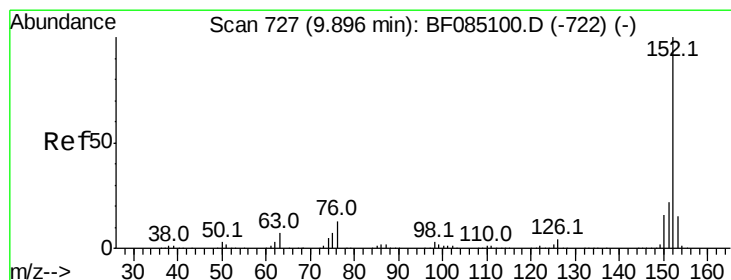
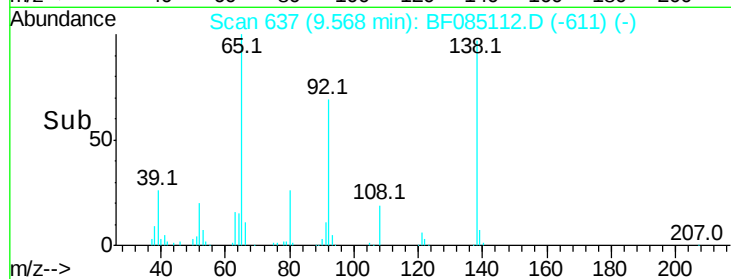
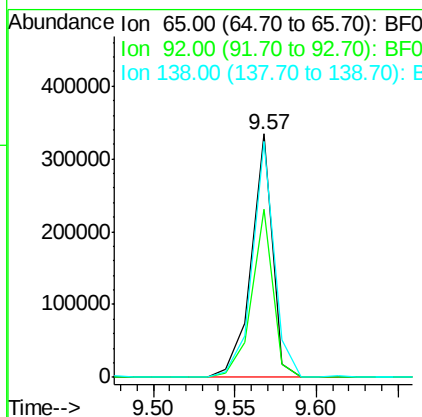
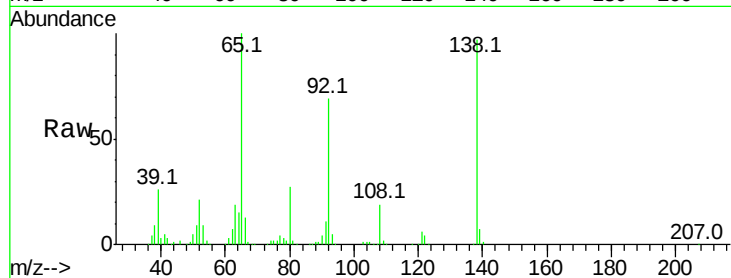




#47
2-Nitroaniline
Concen: 41.64 ng
RT: 9.57 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

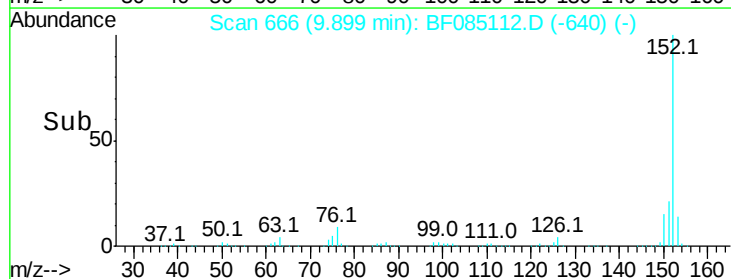
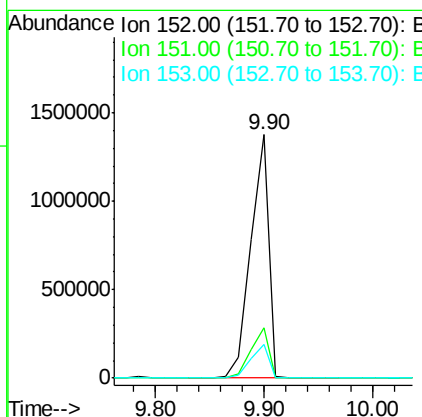
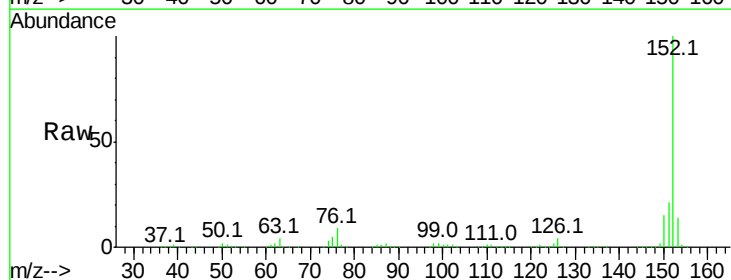
Instrument :
BNA_F
ClientSampleId :

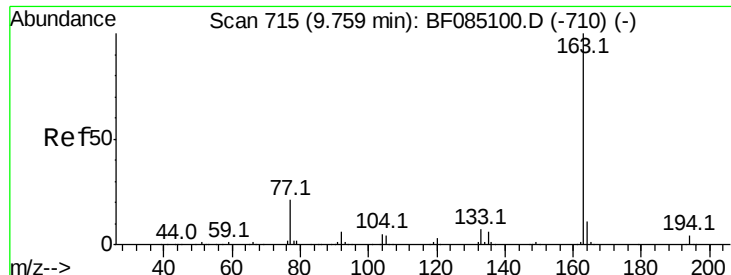
Tot Ion: 65 Resp: 300784
Ion Ratio Lower Upper
65 100
92 69.0 63.8 95.6
138 96.8 108.5 162.7#



#48
Acenaphthylene
Concen: 45.95 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion: 152 Resp: 1571082
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.0
153 14.1 12.0 18.0

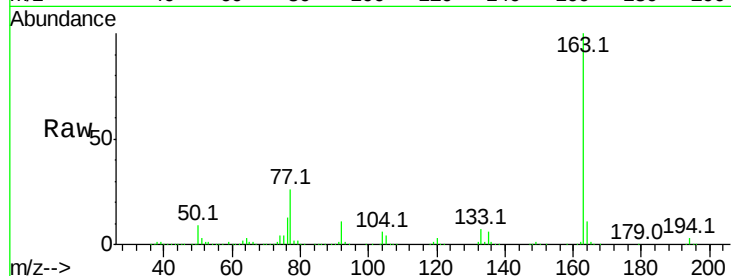




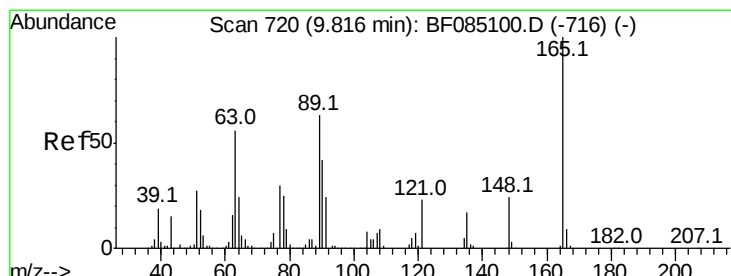
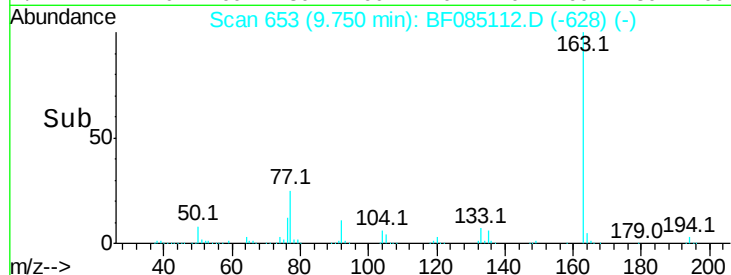
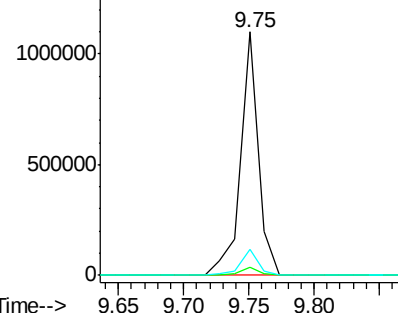
#49
Dimethylphthalate
Concen: 39.99 ng
RT: 9.75 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1053703
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.6 8.6 12.8

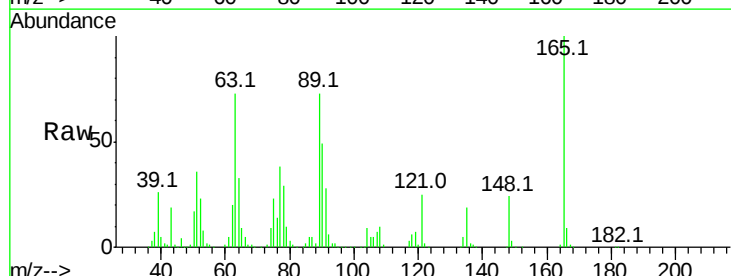


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

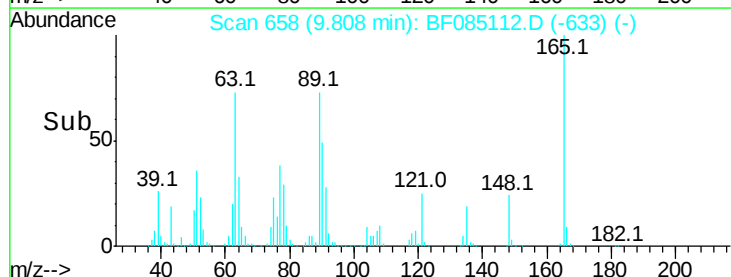
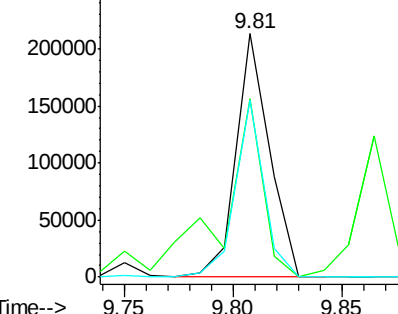


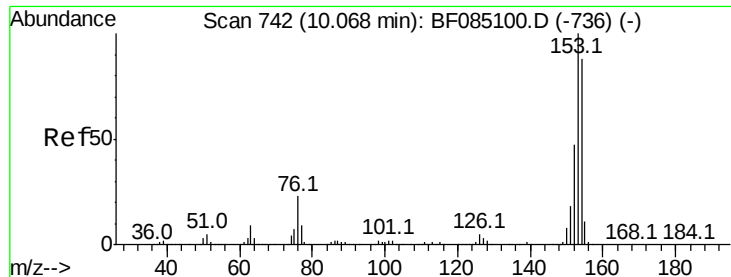
#50
2,6-Dinitrotoluene
Concen: 41.60 ng
RT: 9.81 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:165 Resp: 227285
Ion Ratio Lower Upper
165 100
63 73.2 47.4 71.2#
89 72.7 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: 50.11 ng

RT: 10.07 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

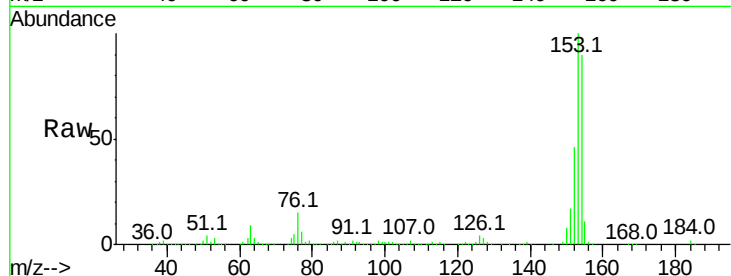
Tot Ion:154 Resp: 1075752

Ion Ratio Lower Upper

154 100

153 111.7 91.0 136.6

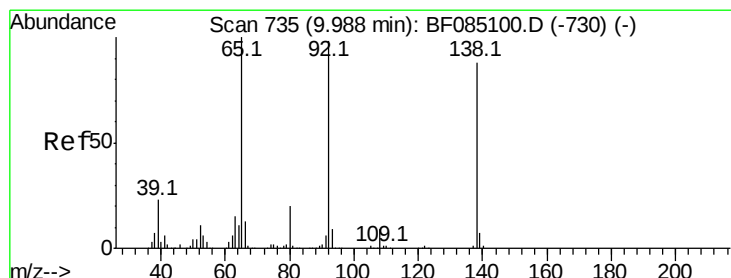
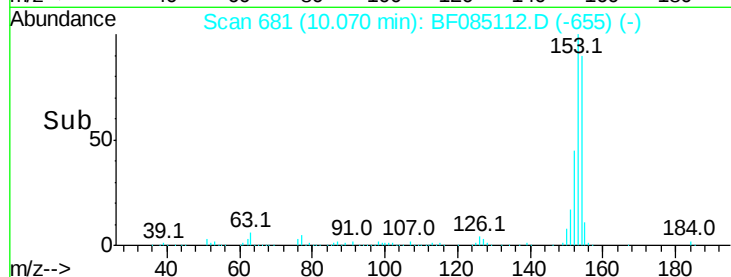
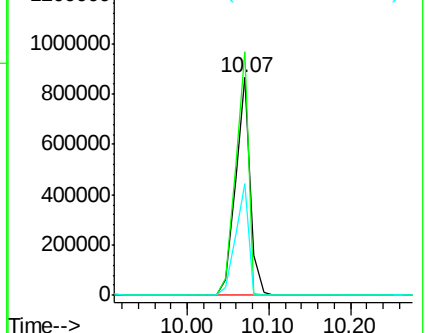
152 51.4 43.0 64.6



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: 22.90 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

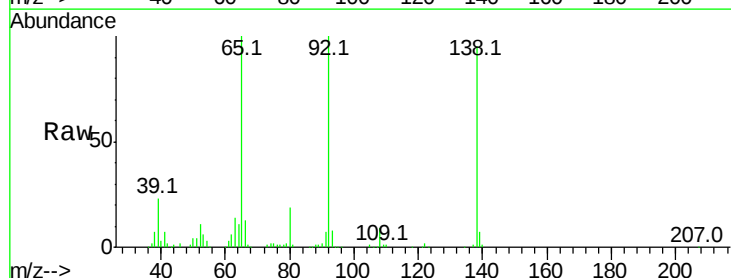
Tgt Ion:138 Resp: 148649

Ion Ratio Lower Upper

138 100

108 9.8 8.2 12.2

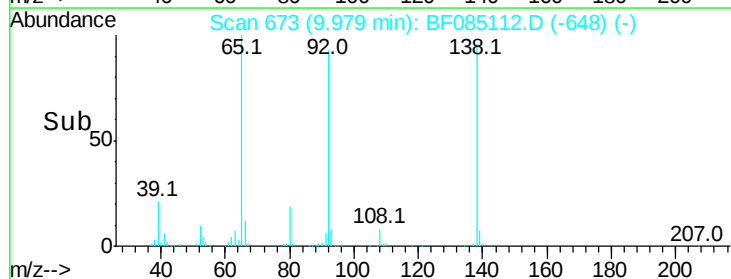
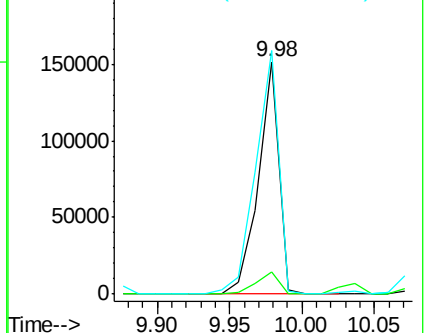
92 104.8 89.0 133.6

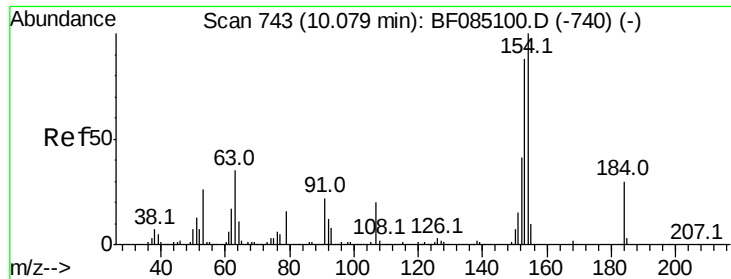


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

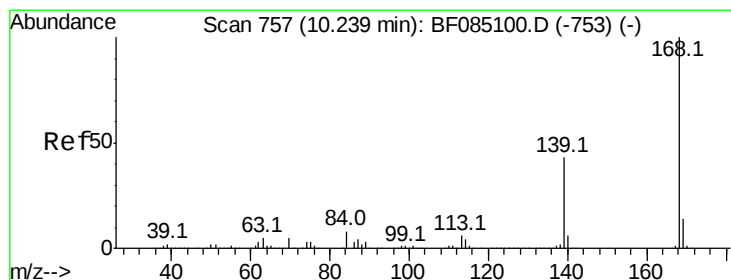
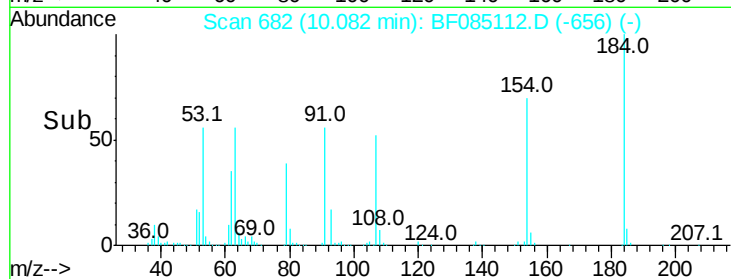
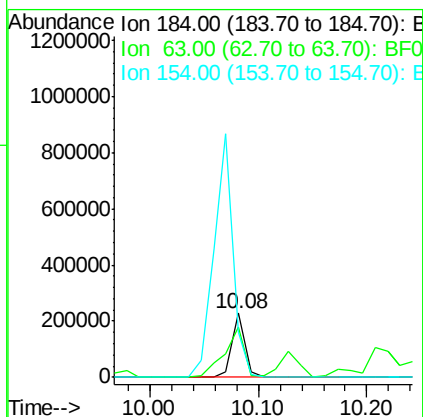
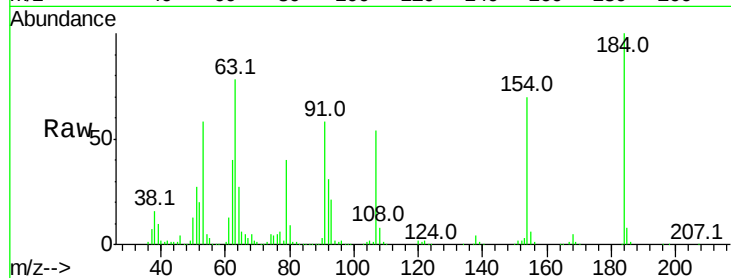




#53
2,4-Dinitrophenol
Concen: 73.61 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

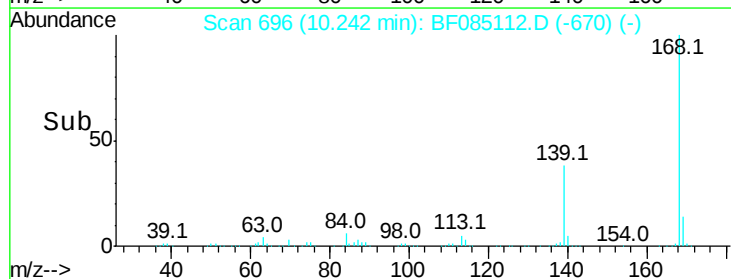
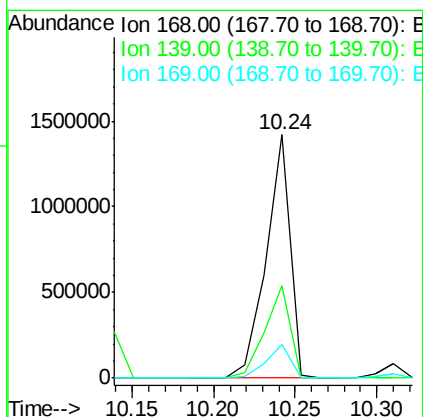
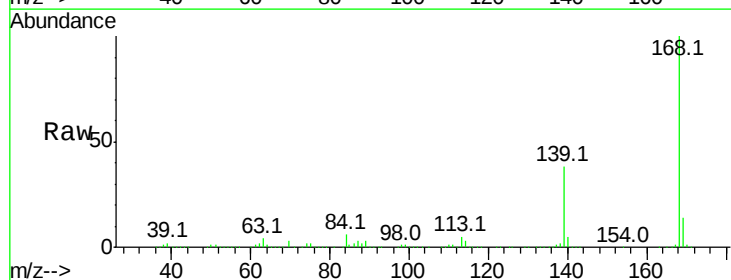
Instrument :
BNA_F
ClientSampleId :

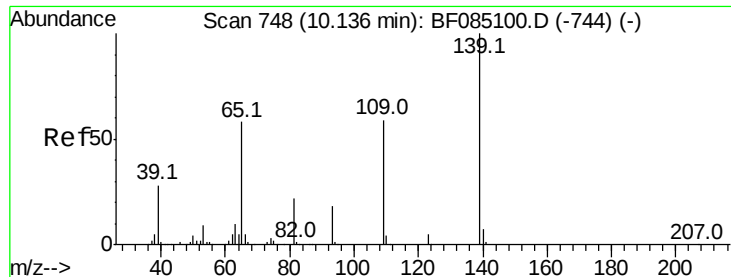
Tot Ion:184 Resp: 189921
Ion Ratio Lower Upper
184 100
63 78.3 94.0 141.0#
154 70.0 269.8 404.8#



#54
Dibenzofuran
Concen: 52.04 ng
RT: 10.24 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:168 Resp: 1450237
Ion Ratio Lower Upper
168 100
139 37.8 34.2 51.2
169 13.7 11.4 17.2

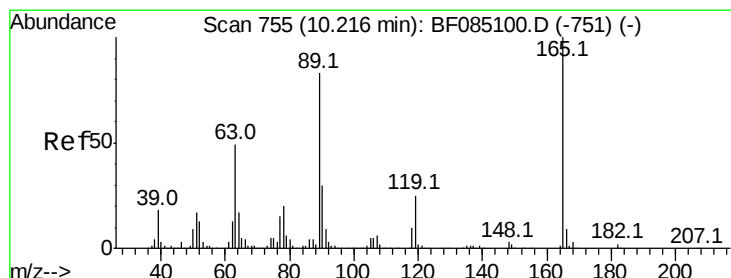
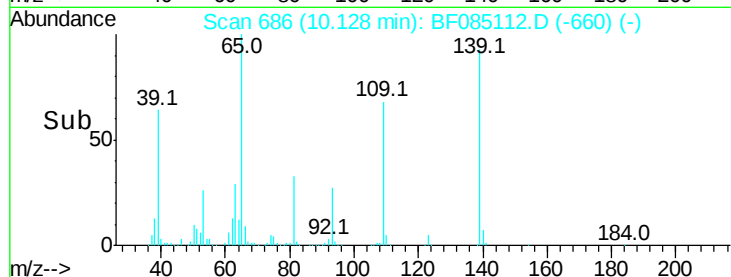
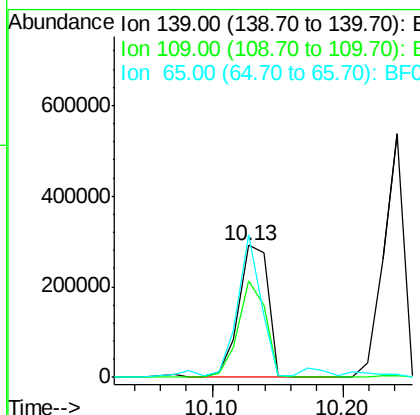
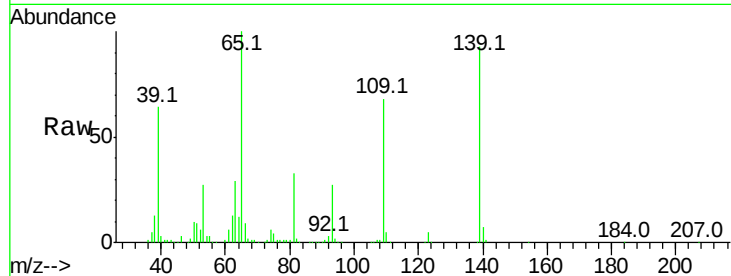




#55
4-Nitrophenol
Concen: 90.98 ng
RT: 10.13 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

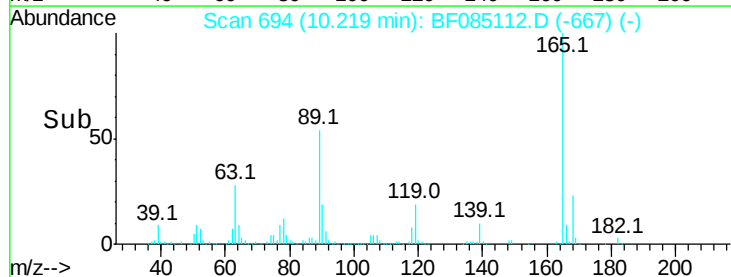
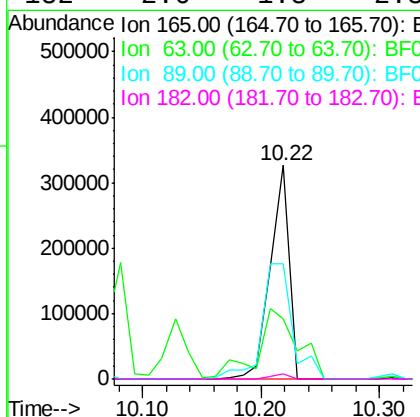
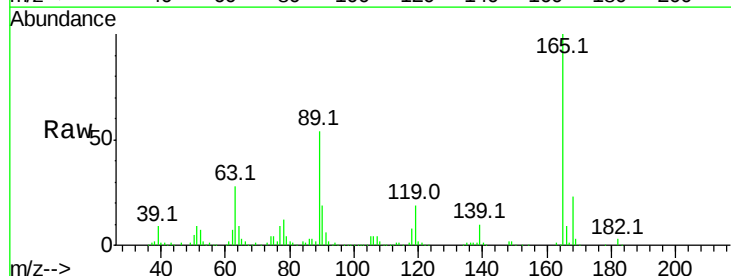
Instrument :
BNA_F
ClientSampled :

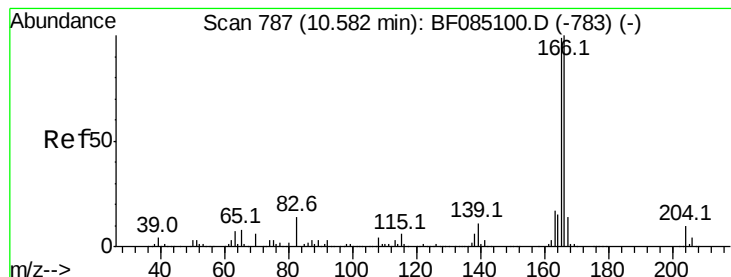
Tot Ion:139 Resp: 453081
Ion Ratio Lower Upper
139 100
109 73.3 39.5 79.5
65 107.9 38.4 78.4#



#56
2,4-Dinitrotoluene
Concen: 49.33 ng
RT: 10.22 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:165 Resp: 363213
Ion Ratio Lower Upper
165 100
63 28.3 39.2 58.8#
89 54.0 66.2 99.4#
182 2.6 1.8 2.8





#57

Fluorene

Concen: 49.86 ng

RT: 10.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampled :

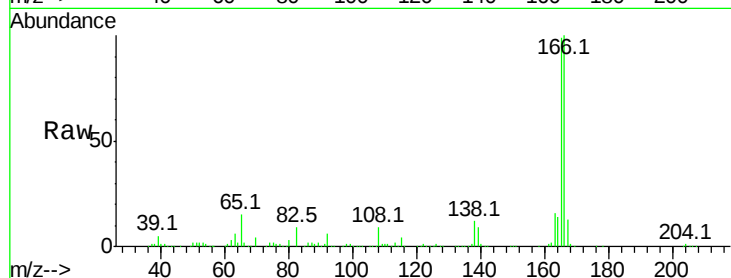
Tot Ion:166 Resp: 1092673

Ion Ratio Lower Upper

166 100

165 98.9 79.4 119.2

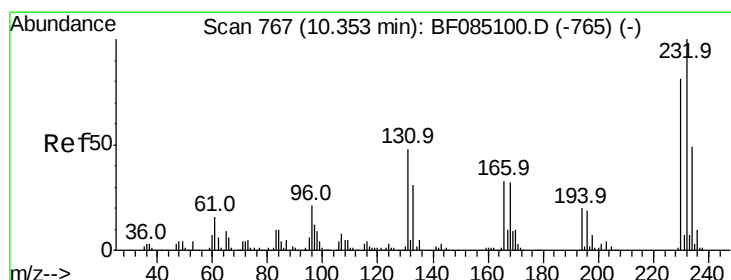
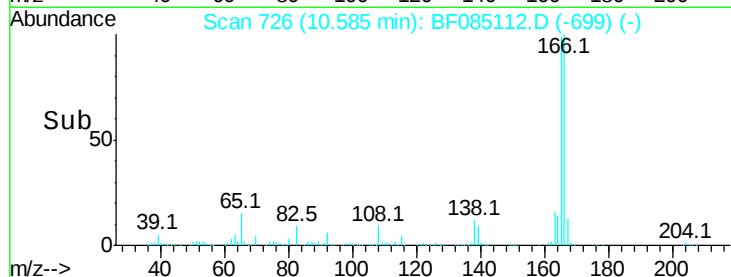
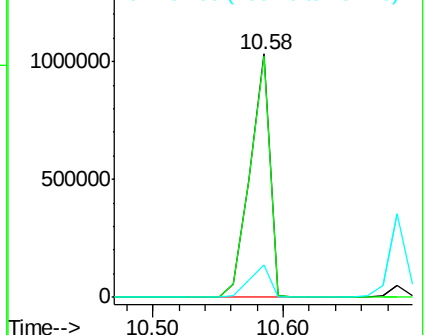
167 13.2 11.2 16.8



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: 54.31 ng

RT: 10.36 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Tgt Ion:232 Resp: 290491

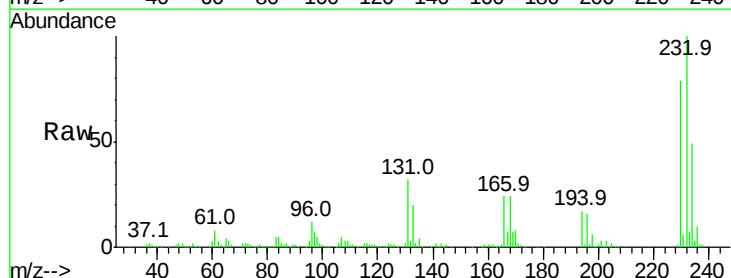
Ion Ratio Lower Upper

232 100

131 45.7 41.6 62.4

130 2.4 2.1 3.1

166 31.1 26.8 40.2

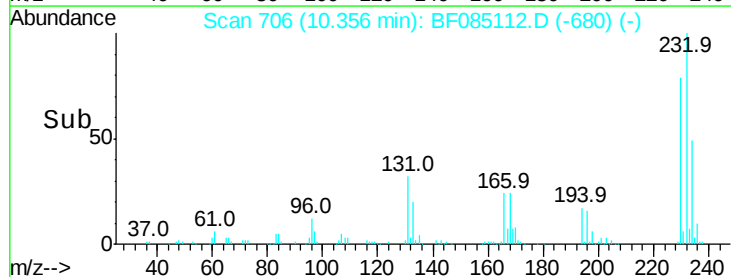
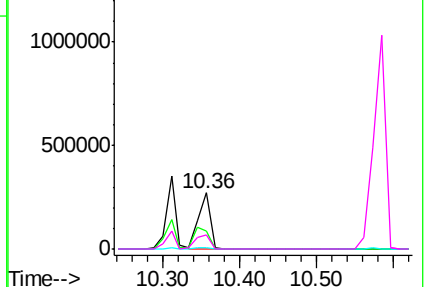


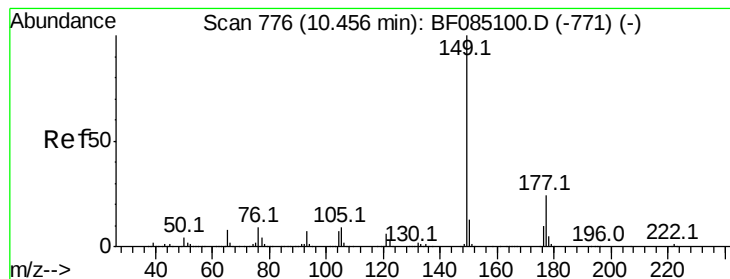
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.03 ng

RT: 10.45 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

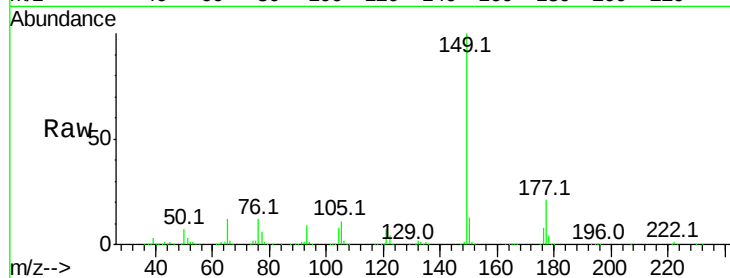
Tot Ion:149 Resp: 1086669

Ion Ratio Lower Upper

149 100

177 21.3 19.4 29.2

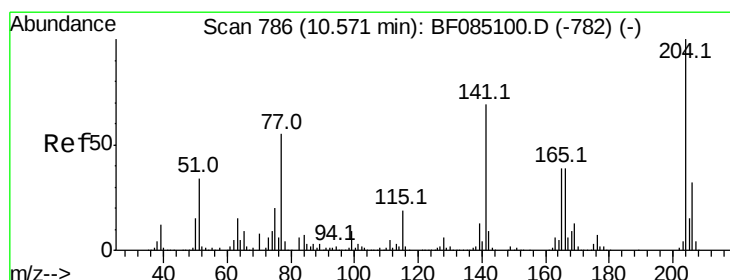
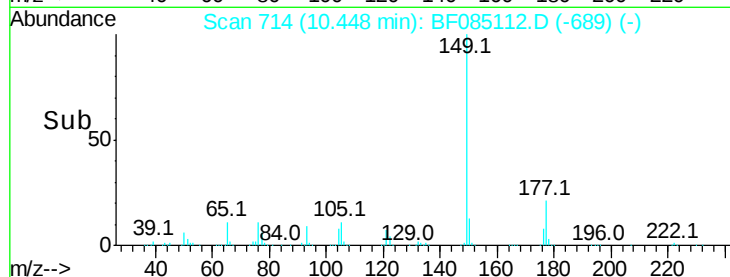
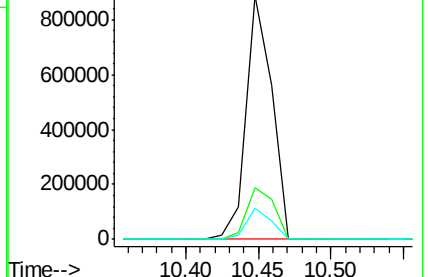
150 12.9 10.1 15.1



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: 46.97 ng

RT: 10.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

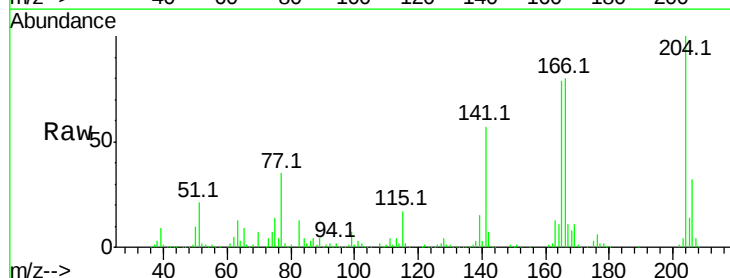
Tgt Ion:204 Resp: 530513

Ion Ratio Lower Upper

204 100

206 32.5 25.7 38.5

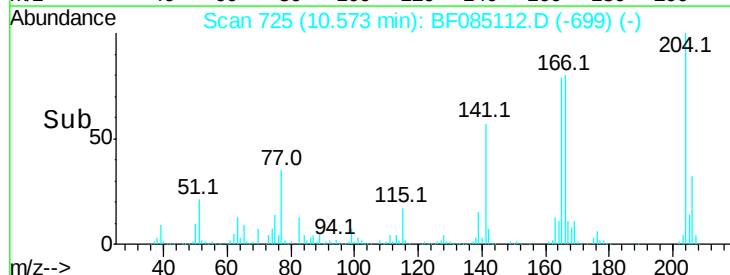
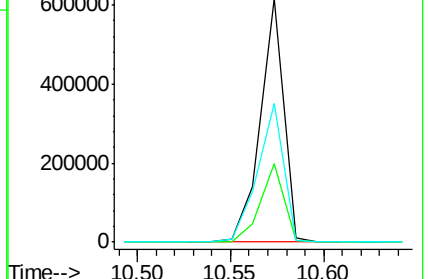
141 56.9 55.3 82.9

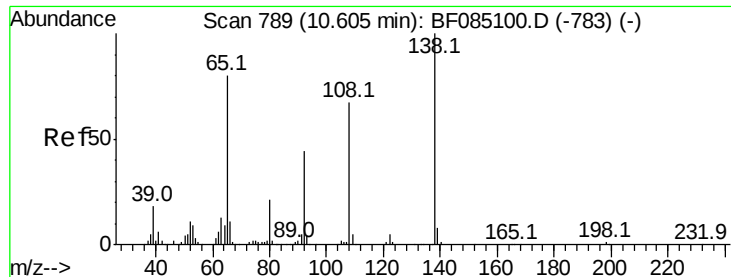


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

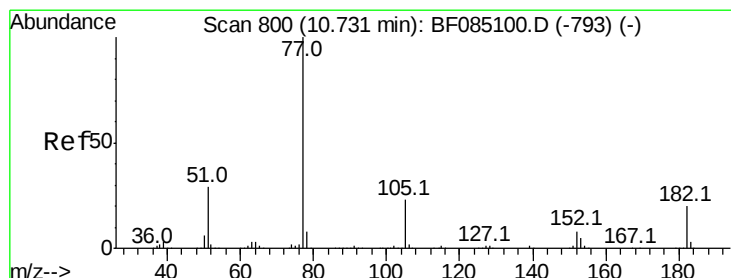
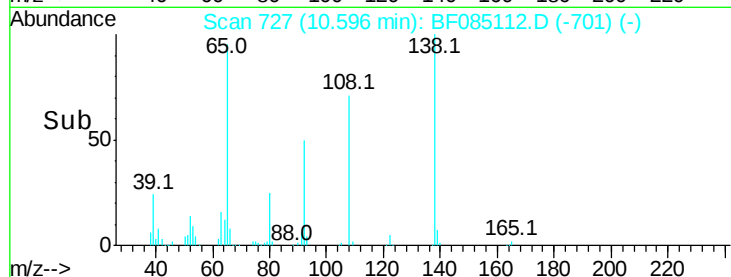
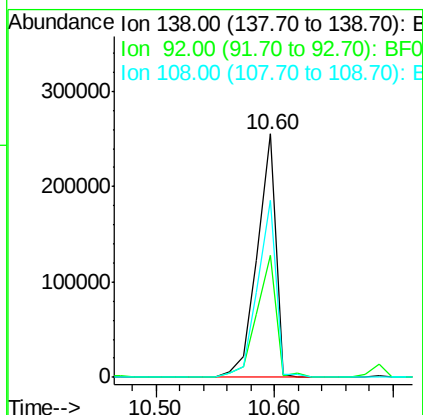
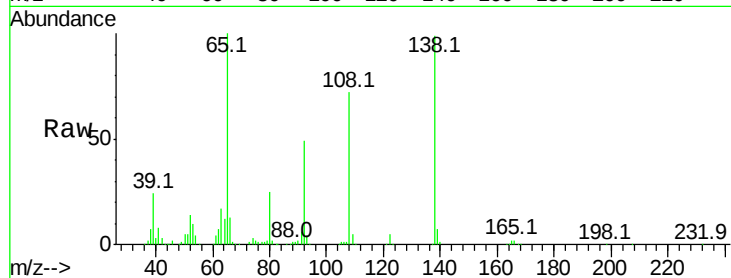




#61
4-Nitroaniline
Concen: 46.20 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

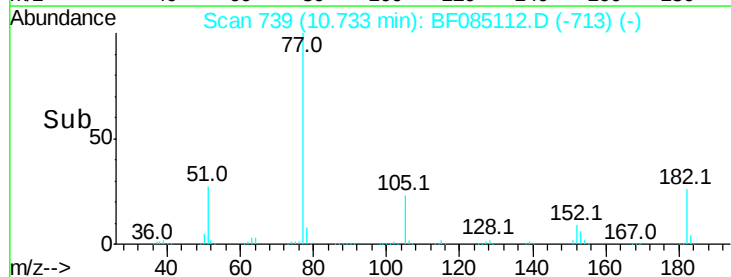
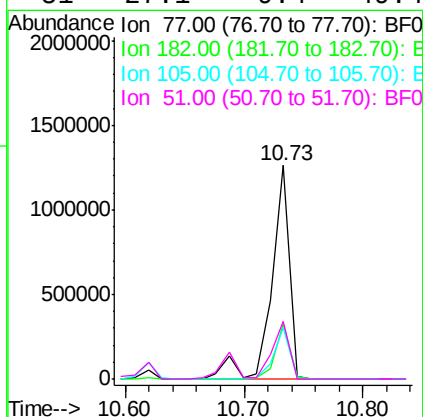
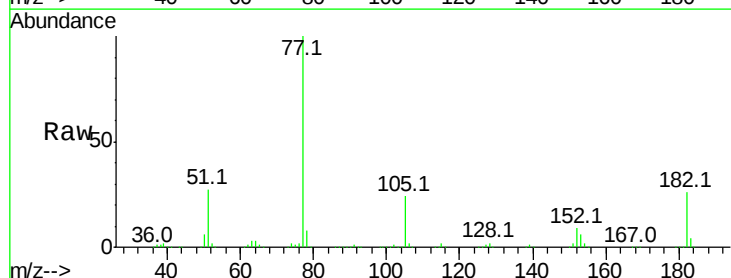
Instrument :
BNA_F
ClientSampleId :

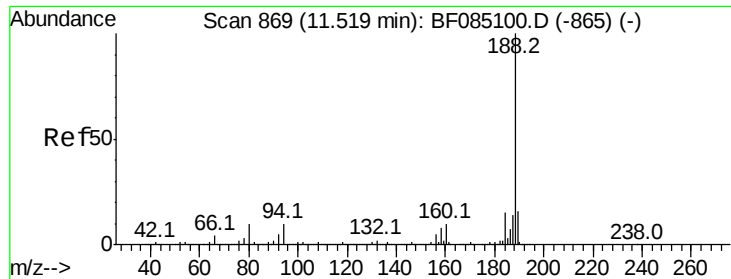
Tot Ion:138 Resp: 281057
Ion Ratio Lower Upper
138 100
92 49.9 23.5 63.5
108 72.8 46.8 86.8



#62
Azobenzene
Concen: 52.47 ng
RT: 10.73 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion: 77 Resp: 1338568
Ion Ratio Lower Upper
77 100
182 26.0 0.0 39.8
105 24.2 2.7 42.7
51 27.1 9.4 49.4

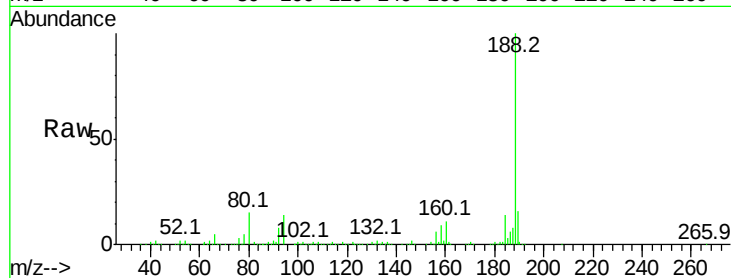




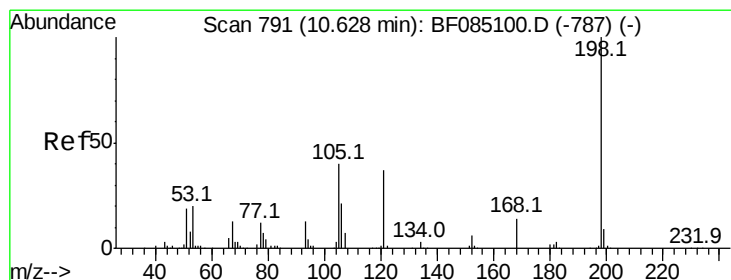
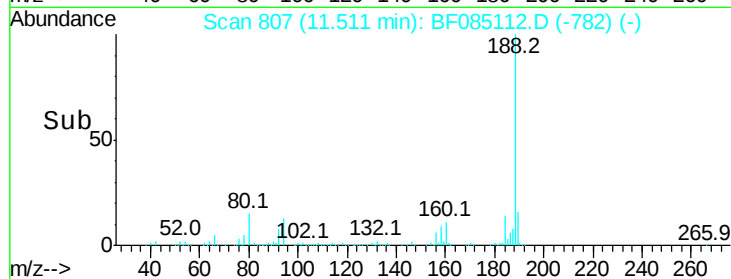
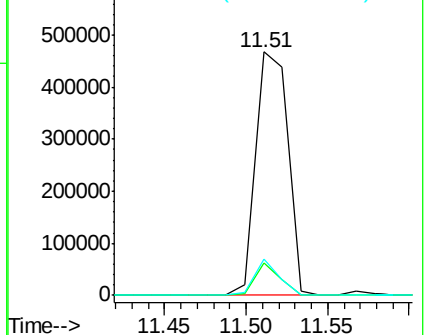
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 642783
Ion Ratio Lower Upper
188 100
94 13.5 7.8 11.6#
80 15.1 8.2 12.4#

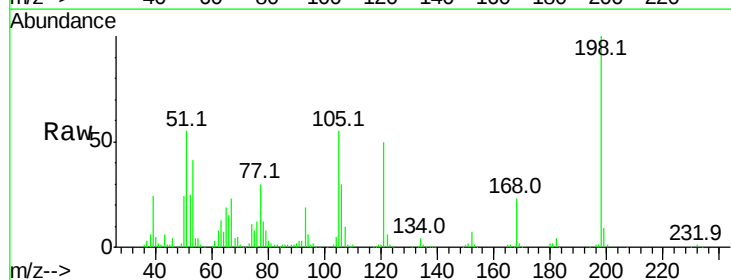


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

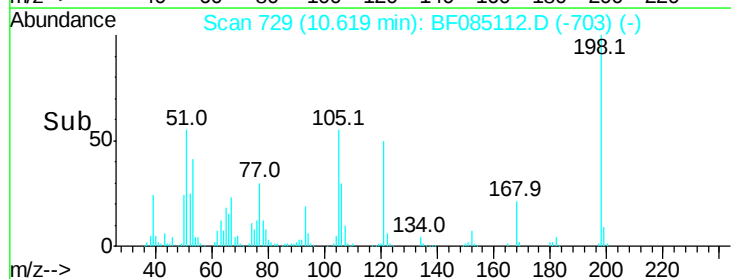
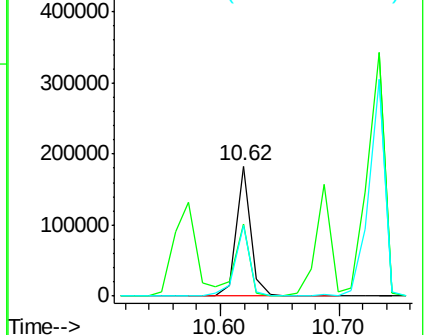


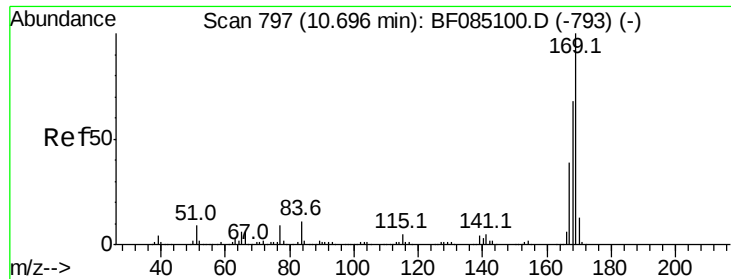
#64
4,6-Dinitro-2-methylphenol
Concen: 41.35 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:198 Resp: 155194
Ion Ratio Lower Upper
198 100
51 55.2 12.5 52.5#
105 54.6 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

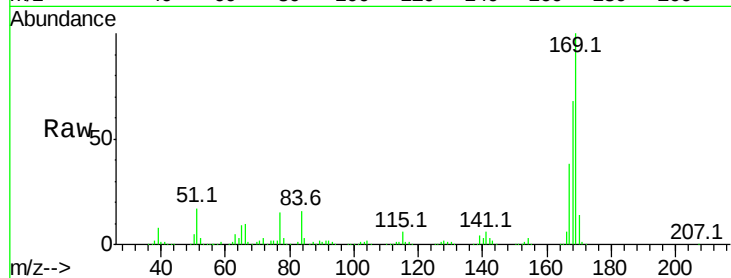




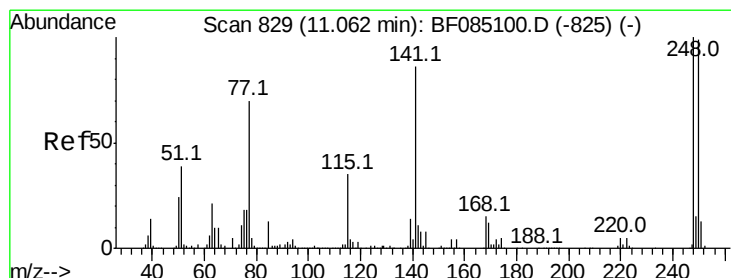
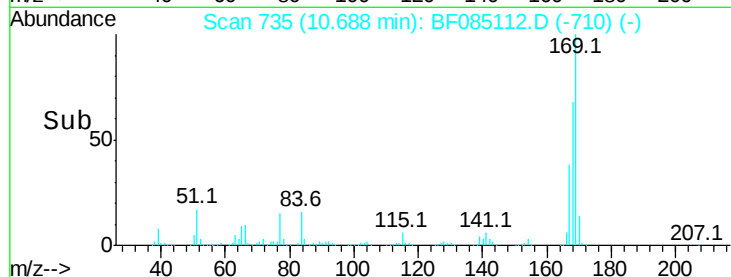
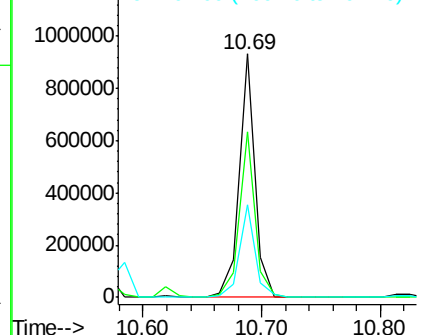
#65
 n-Nitrosodiphenylamine
 Concen: 42.24 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 855690
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.6 81.8
 167 37.9 30.8 46.2

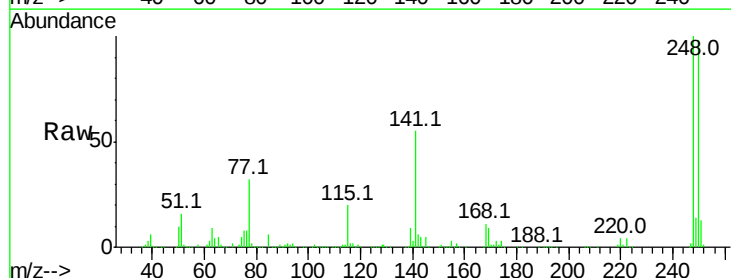


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

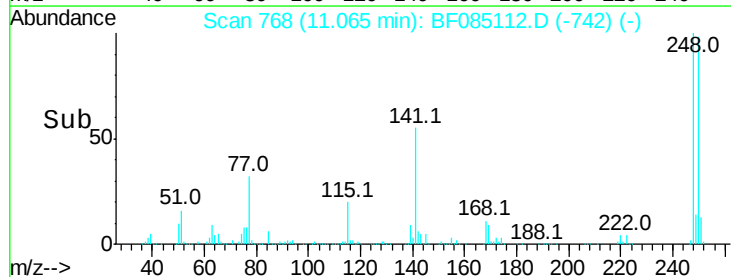
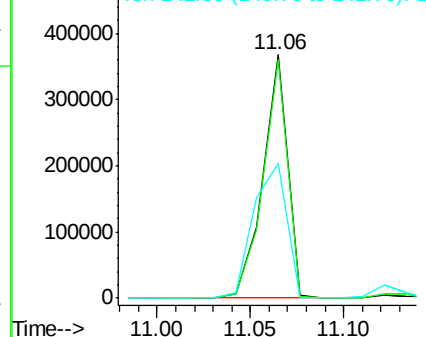


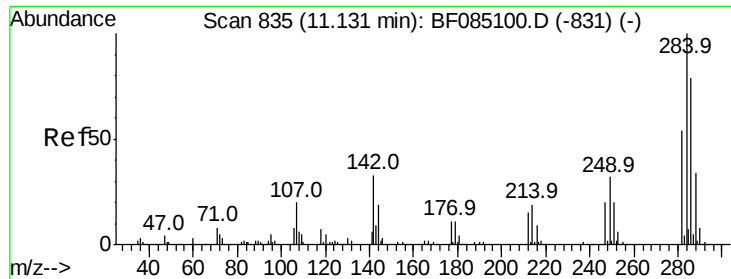
#66
 4-Bromophenyl-phenylether
 Concen: 49.34 ng
 RT: 11.06 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:248 Resp: 332985
 Ion Ratio Lower Upper
 248 100
 250 97.8 79.0 118.4
 141 55.4 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

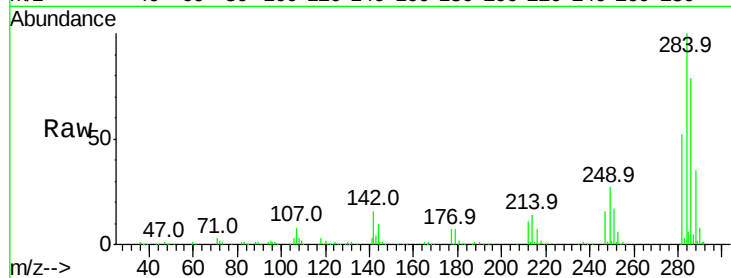




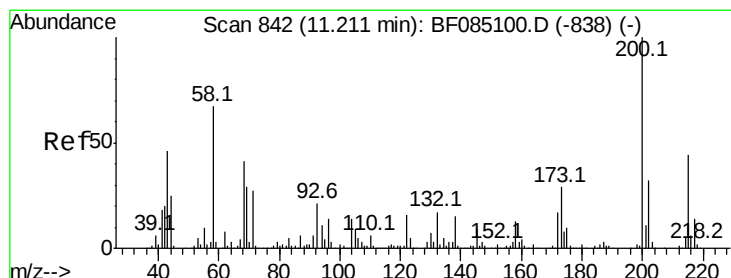
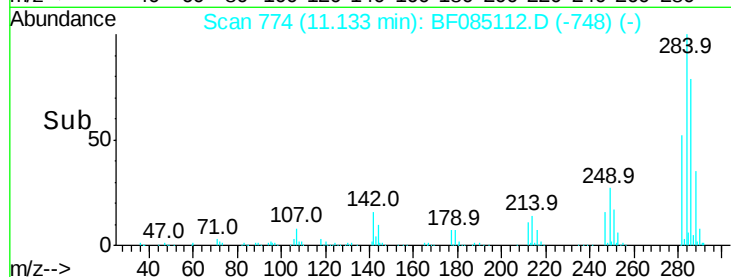
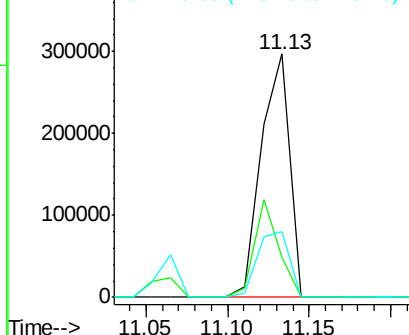
#67
Hexachlorobenzene
Concen: 47.15 ng
RT: 11.13 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 359242
Ion Ratio Lower Upper
284 100
142 16.4 26.3 39.5#
249 27.1 25.8 38.6

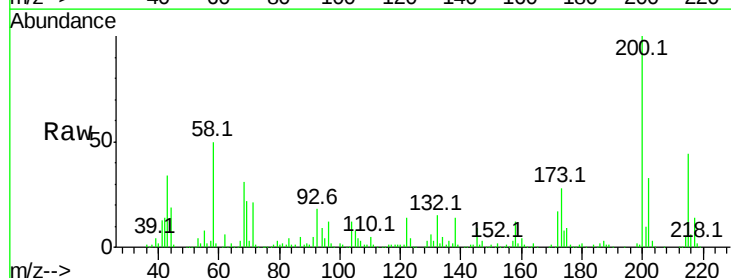


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

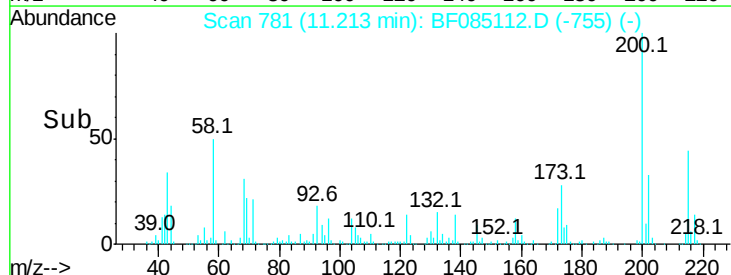
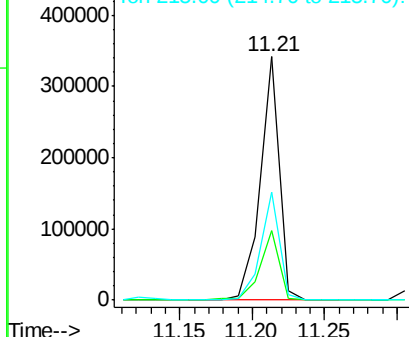


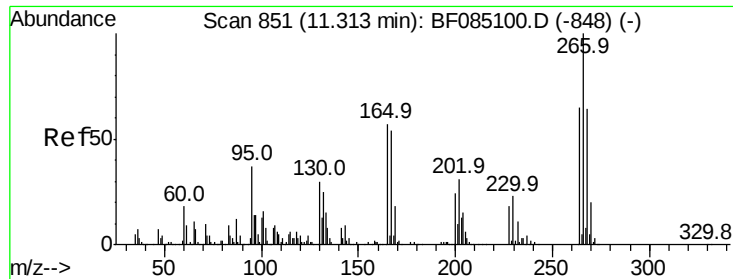
#68
Atrazine
Concen: 49.95 ng
RT: 11.21 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:200 Resp: 308739
Ion Ratio Lower Upper
200 100
173 28.3 9.4 49.4
215 44.1 23.6 63.6



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

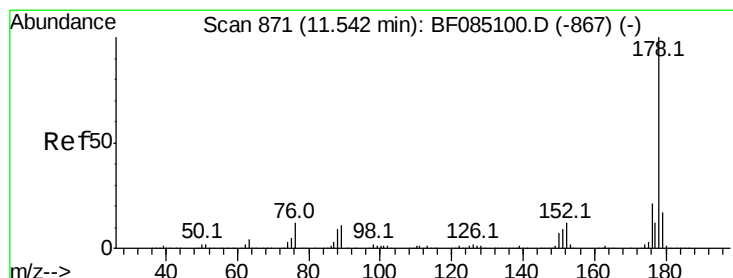
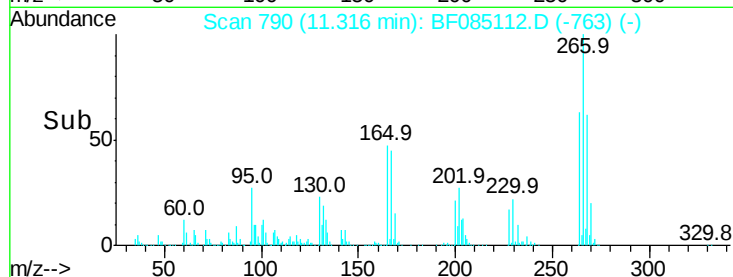
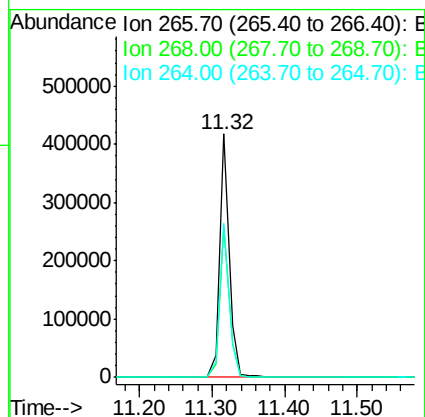
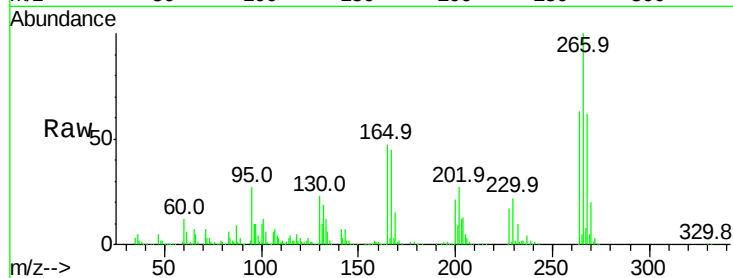




#69
 Pentachlorophenol
 Concen: 86.04 ng
 RT: 11.32 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

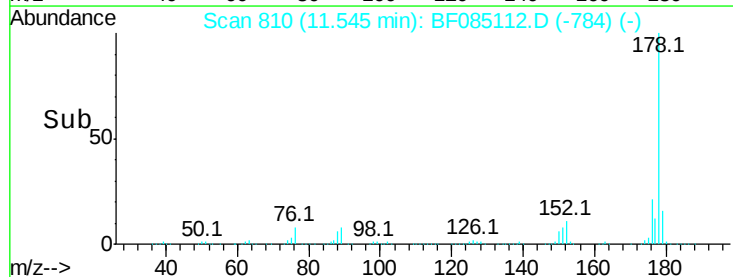
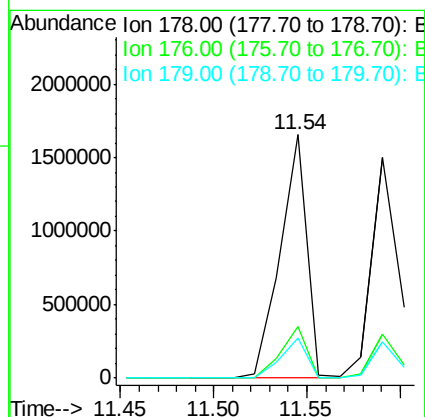
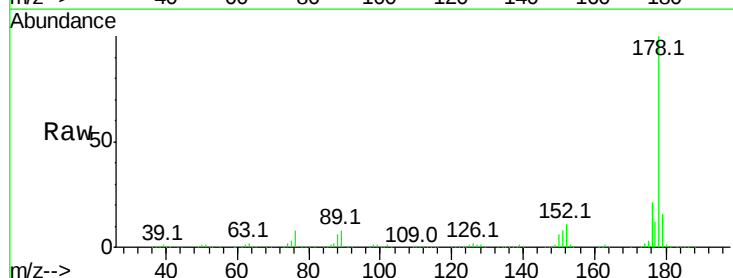
Instrument :
 BNA_F
 ClientSampleId :

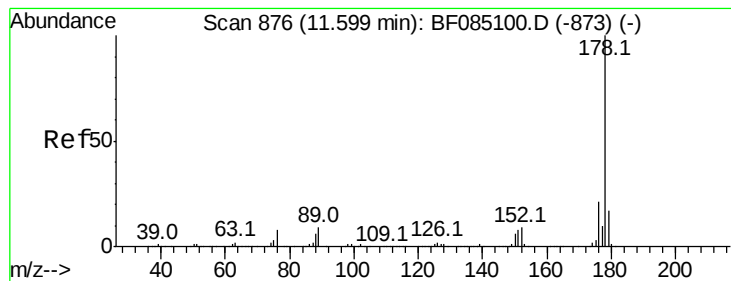
Tot Ion:266 Resp: 384693
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.0 76.6
 264 63.4 52.3 78.5



#70
 Phenanthrene
 Concen: 51.47 ng
 RT: 11.54 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:178 Resp: 1645746
 Ion Ratio Lower Upper
 178 100
 176 21.2 17.0 25.6
 179 16.3 13.3 19.9





#71

Anthracene

Concen: 40.83 ng

RT: 11.59 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

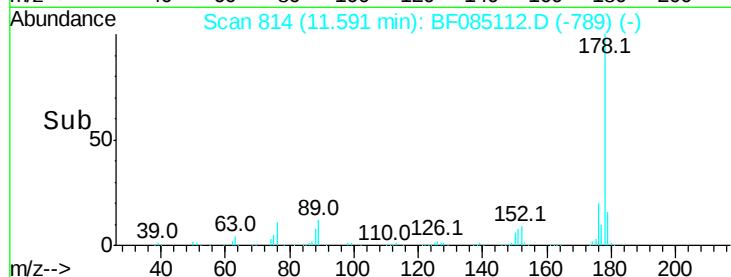
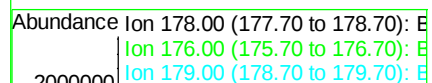
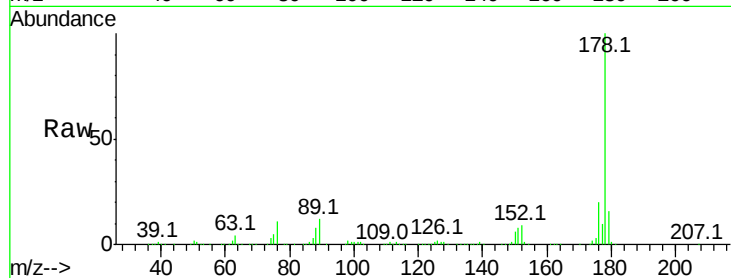
Tot Ion:178 Resp: 1465957

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	16.4	13.2	19.8

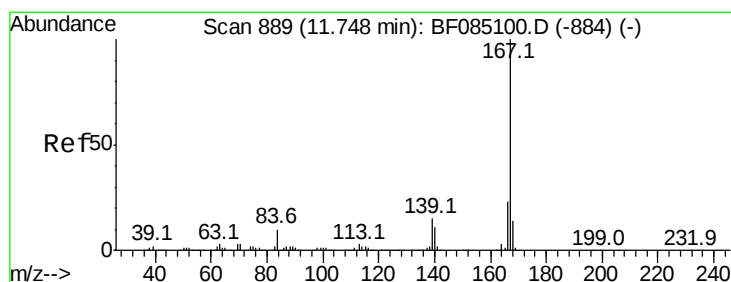
178 100

176 20.0 16.6 25.0

179 16.4 13.2 19.8



Time--> 11.50 11.60 11.70



#72

Carbazole

Concen: 43.90 ng

RT: 11.74 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

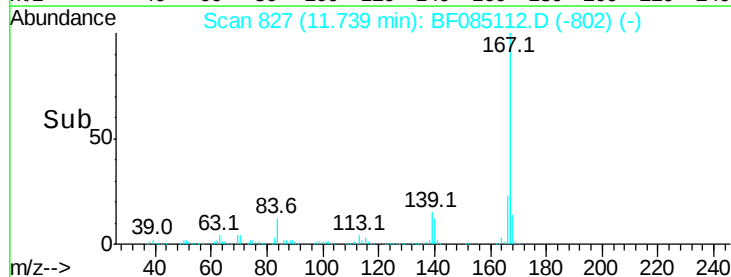
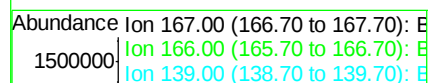
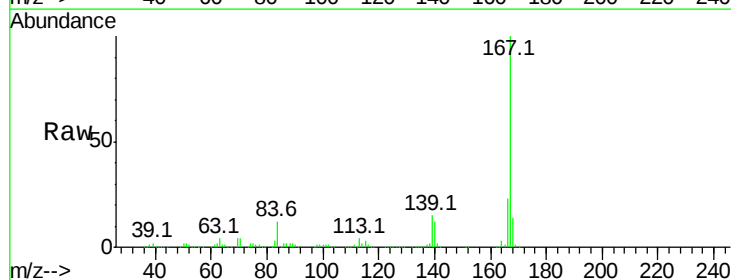
Tgt Ion:167 Resp: 1371743

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.6	28.0
139	15.0	11.8	17.8

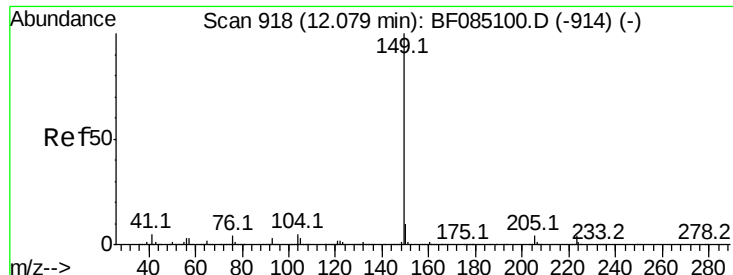
167 100

166 22.6 18.6 28.0

139 15.0 11.8 17.8



Time--> 11.60 11.70 11.80 11.90



#73

Di-n-butylphthalate

Concen: 42.06 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

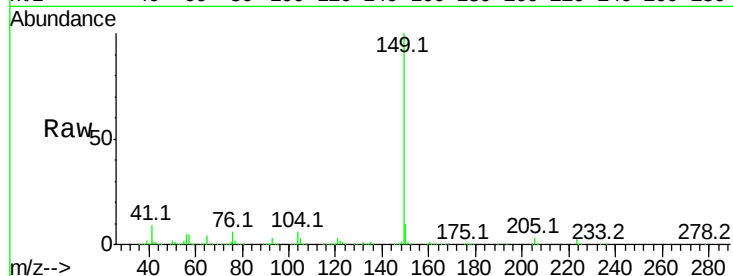
Tot Ion:149 Resp: 1564236

Ion Ratio Lower Upper

149 100

150 10.0 7.7 11.5

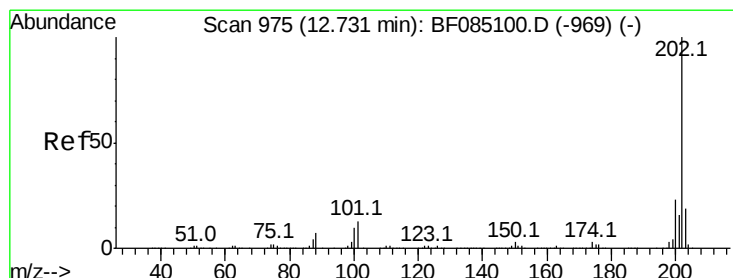
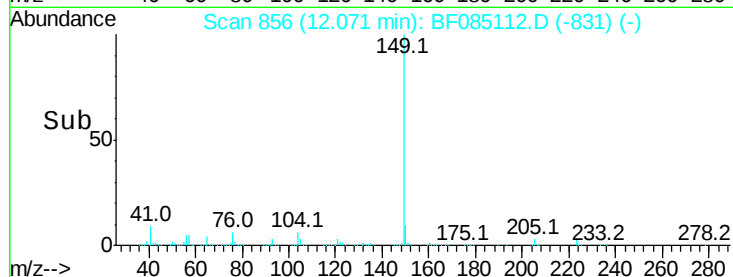
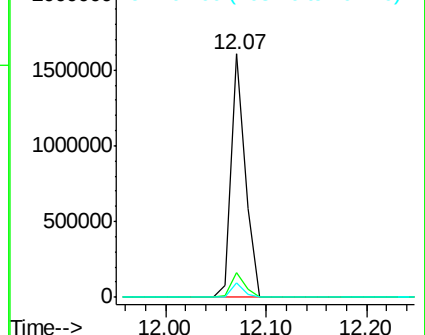
104 5.8 3.7 5.5#



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: 46.62 ng

RT: 12.73 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

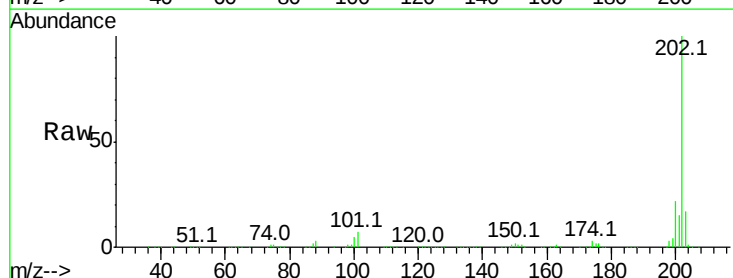
Tgt Ion:202 Resp: 1636060

Ion Ratio Lower Upper

202 100

101 6.8 0.0 33.2

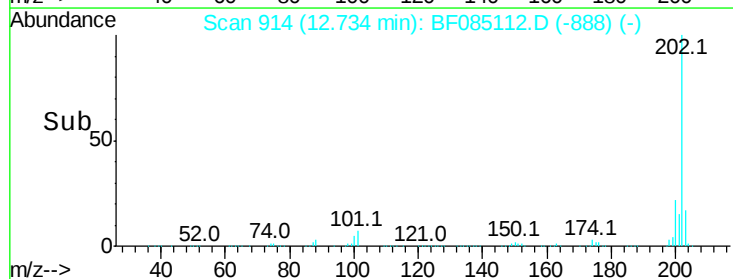
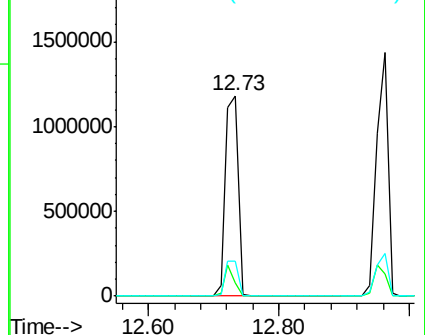
203 17.3 0.0 38.6

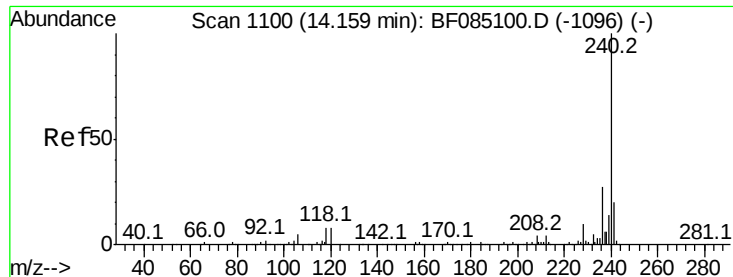


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

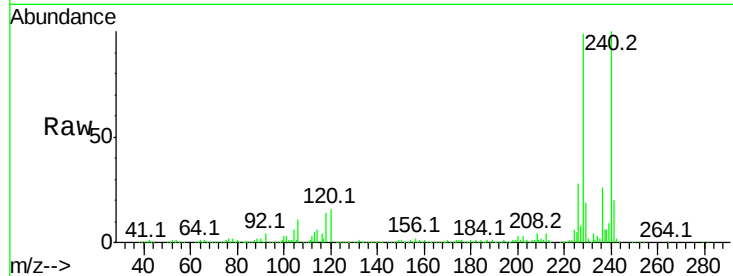
Tot Ion:240 Resp: 523732

Ion Ratio Lower Upper

240 100

120 15.6 6.7 10.1#

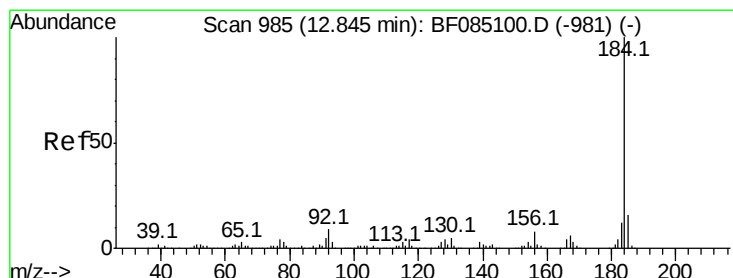
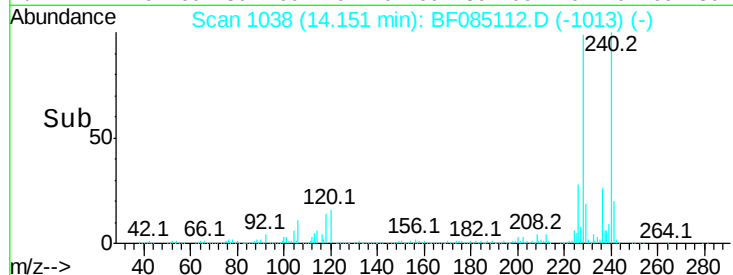
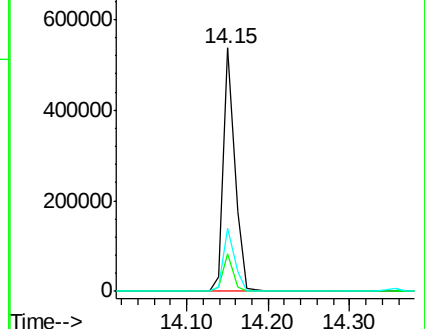
236 26.1 21.6 32.4



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: 30.17 ng

RT: 12.85 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

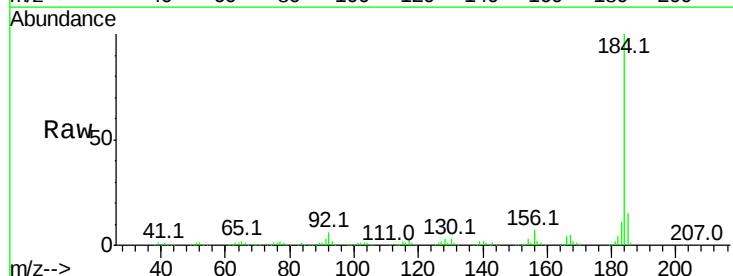
Tgt Ion:184 Resp: 477744

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

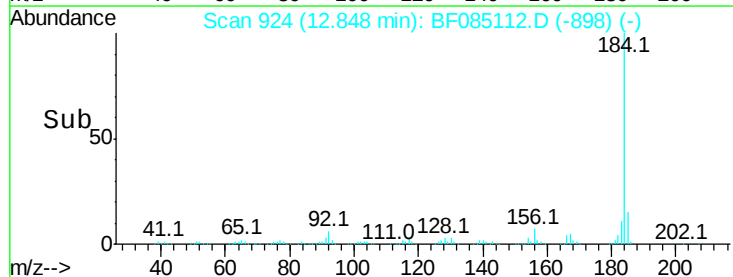
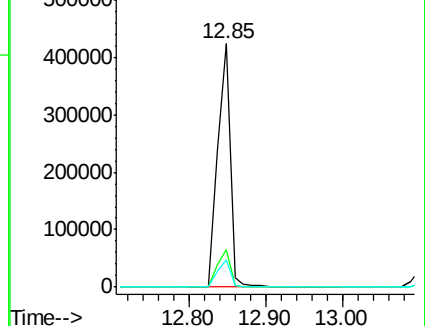
183 11.2 9.5 14.3

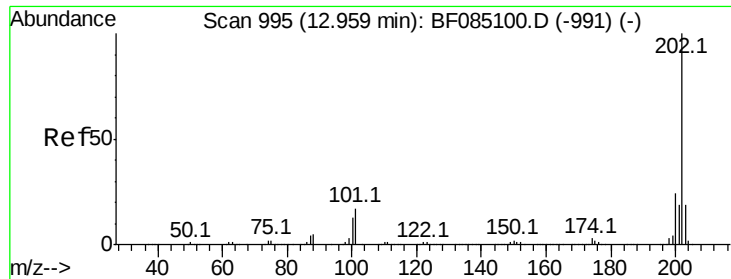


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

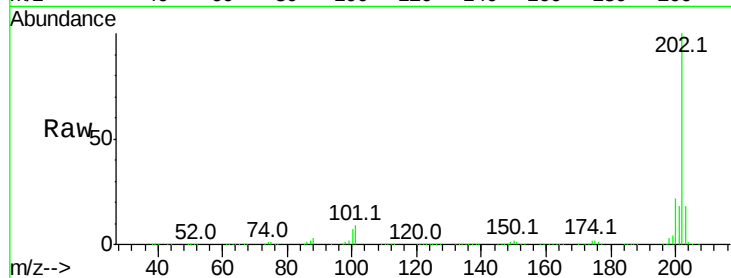




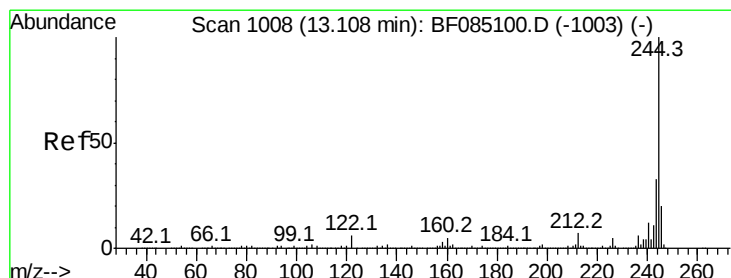
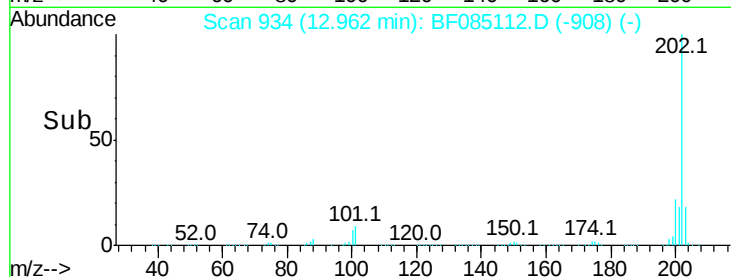
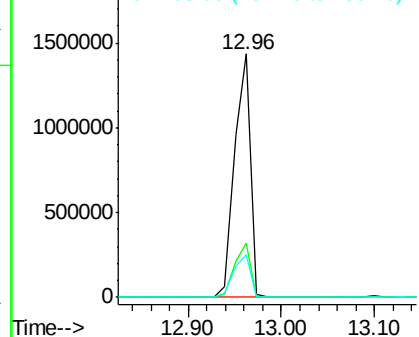
#77
Pvrene
Concen: 47.86 ng
RT: 12.96 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1711050
Ion Ratio Lower Upper
202 100
200 22.3 19.0 28.6
203 17.5 15.0 22.6

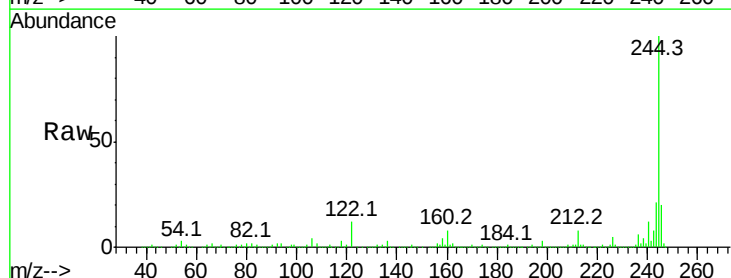


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

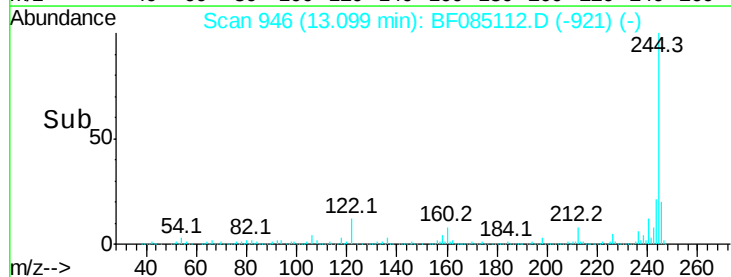
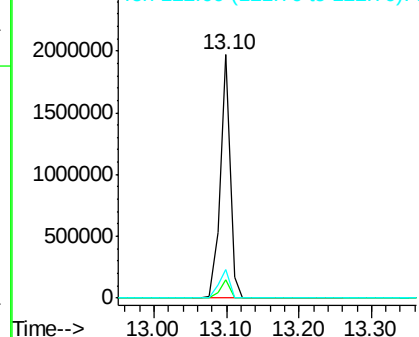


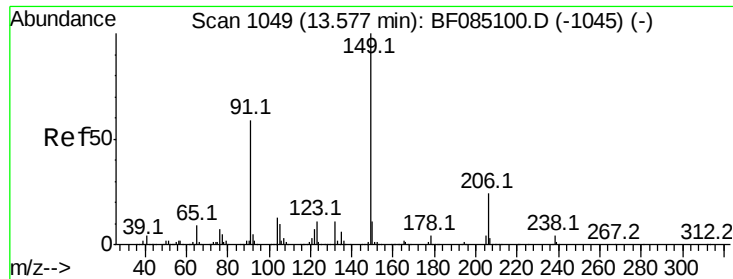
#78
Terphenyl-d14
Concen: 82.82 ng
RT: 13.10 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:244 Resp: 1849035
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.0
122 12.0 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

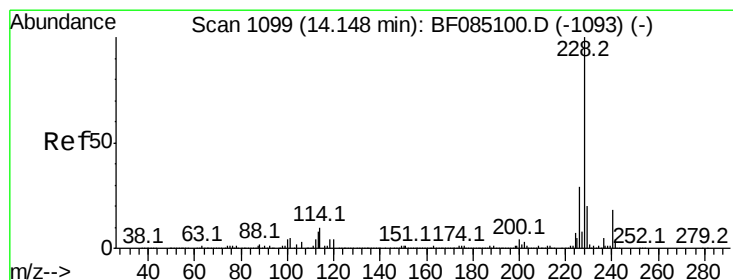
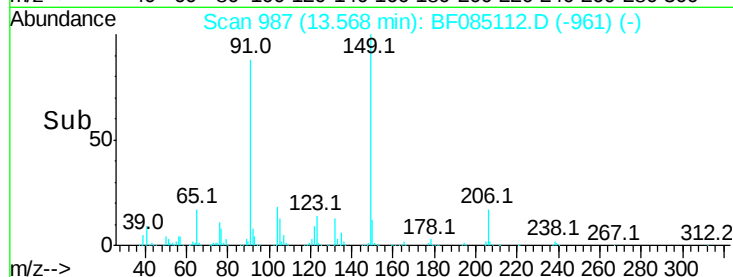
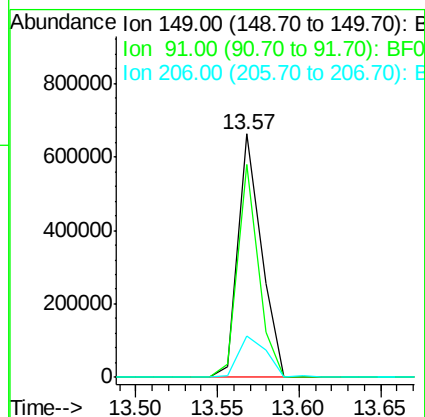
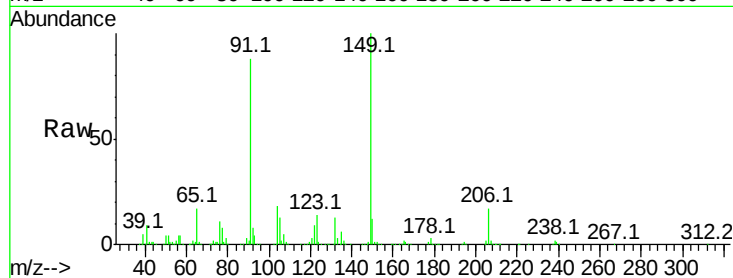




#79
Butylbenzylphthalate
Concen: 43.01 ng
RT: 13.57 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

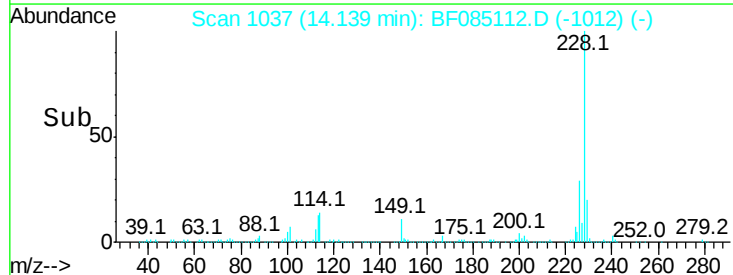
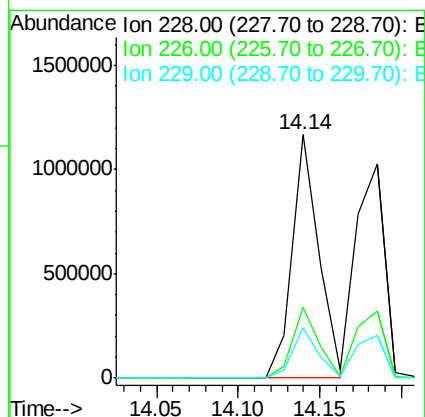
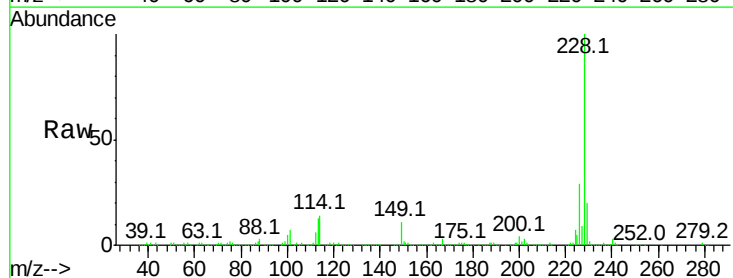
Instrument :
BNA_F
ClientSampleId :

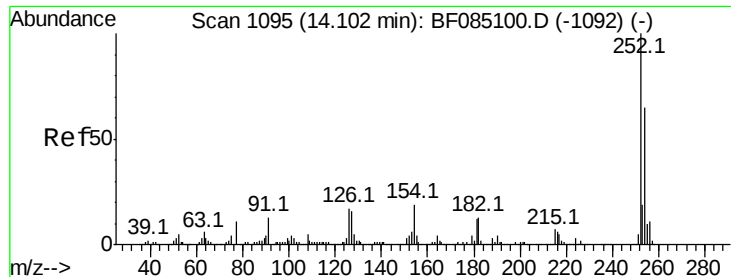
Tot Ion:149 Resp: 651123
Ion Ratio Lower Upper
149 100
91 87.6 46.9 70.3#
206 17.2 19.0 28.6#



#80
Benzo(a)anthracene
Concen: 43.82 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:228 Resp: 1332427
Ion Ratio Lower Upper
228 100
226 28.9 23.0 34.4
229 20.5 16.1 24.1





#81

3,3'-Dichlorobenzidine

Concen: 20.35 ng

RT: 14.11 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

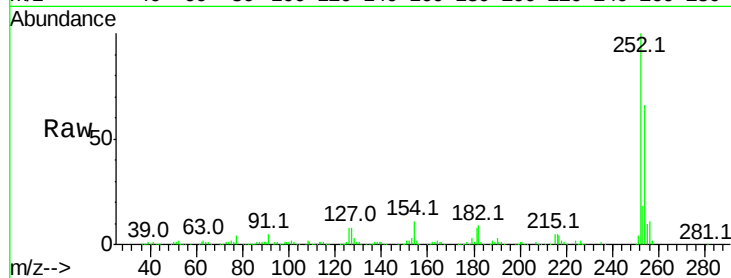
Tot Ion:252 Resp: 193407

Ion Ratio Lower Upper

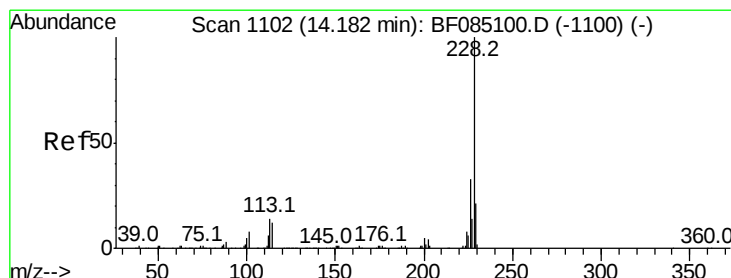
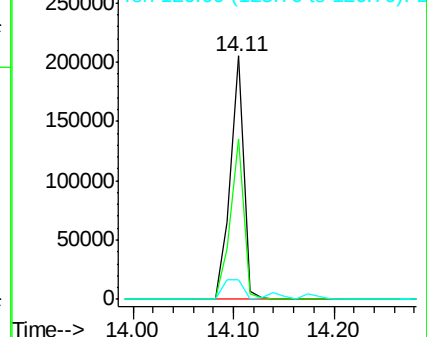
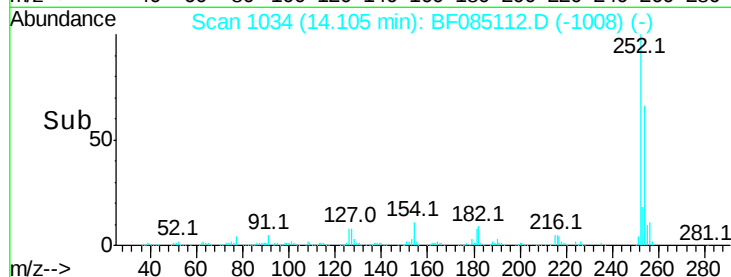
252 100

254 65.8 51.8 77.6

126 7.9 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: 46.01 ng

RT: 14.19 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

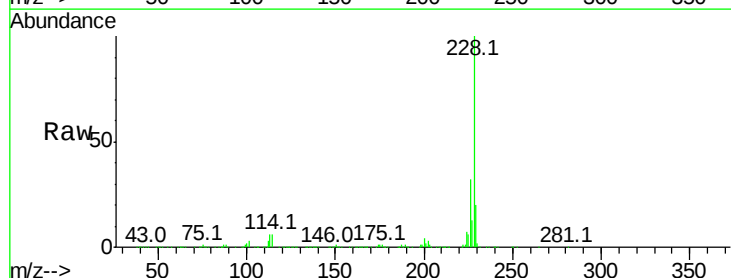
Tgt Ion:228 Resp: 1277768

Ion Ratio Lower Upper

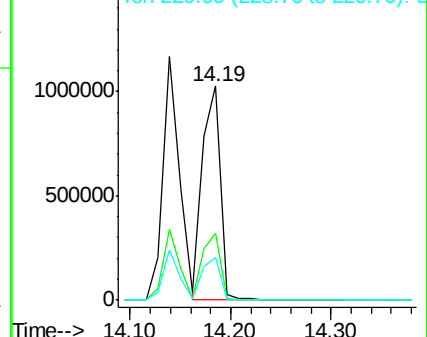
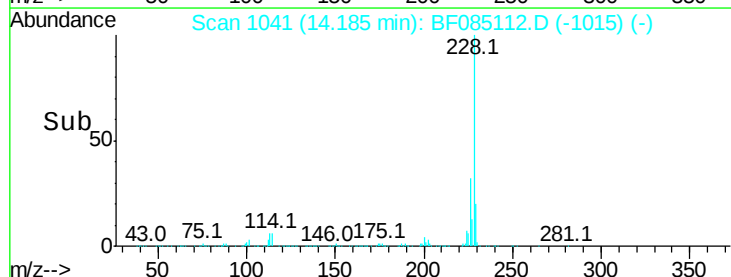
228 100

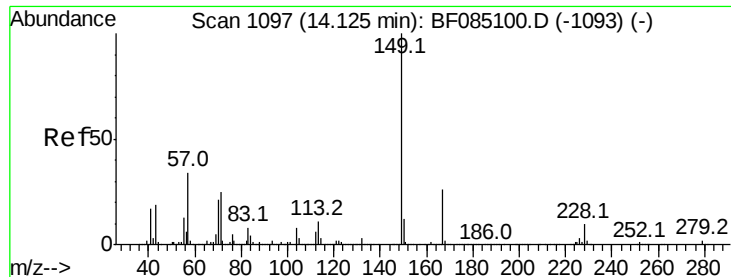
226 31.6 26.2 39.4

229 19.9 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: 50.22 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

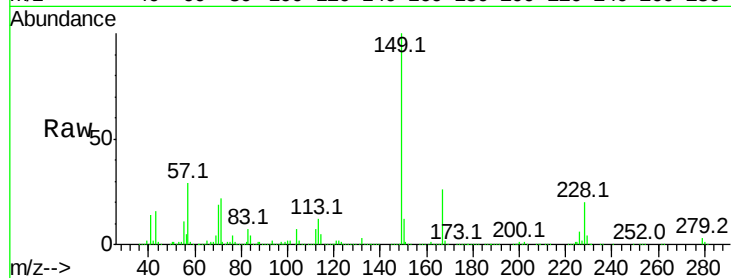
Tot Ion:149 Resp: 877851

Ion Ratio Lower Upper

149 100

167 26.3 20.6 31.0

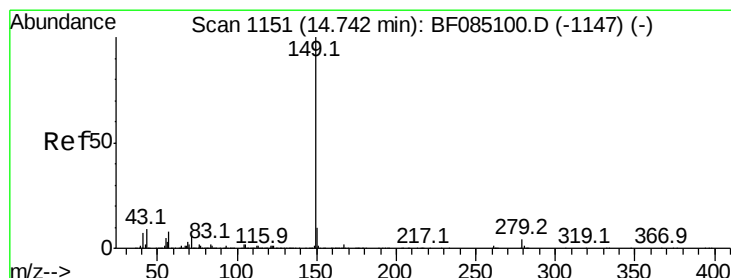
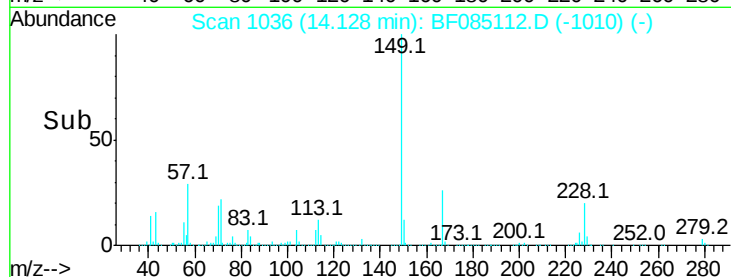
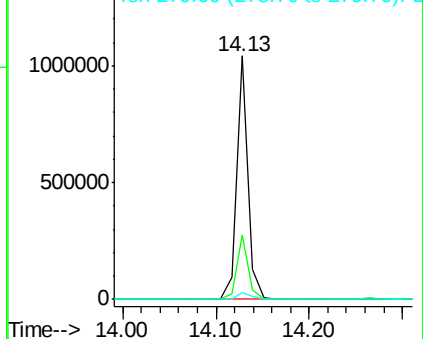
279 3.0 2.0 3.0



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: 51.15 ng

RT: 14.75 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

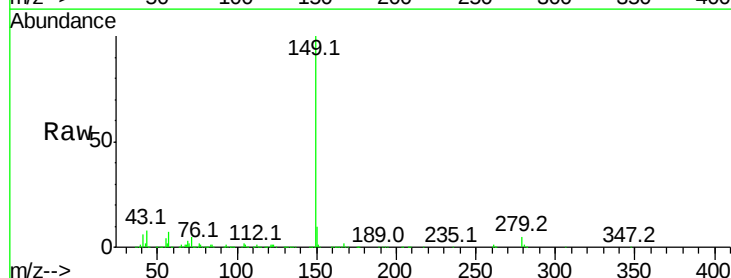
Tgt Ion:149 Resp: 1327232

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

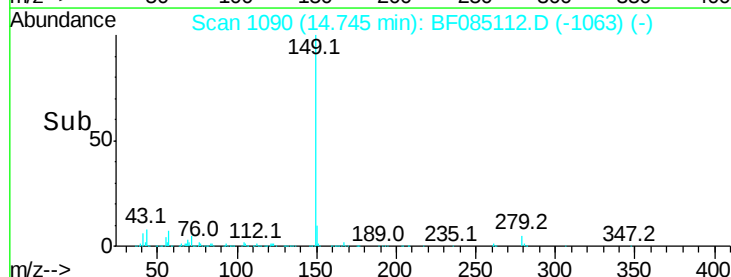
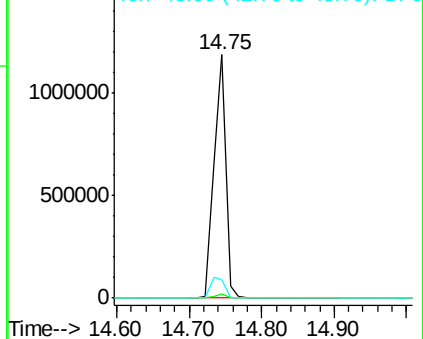
43 10.3 8.8 13.2

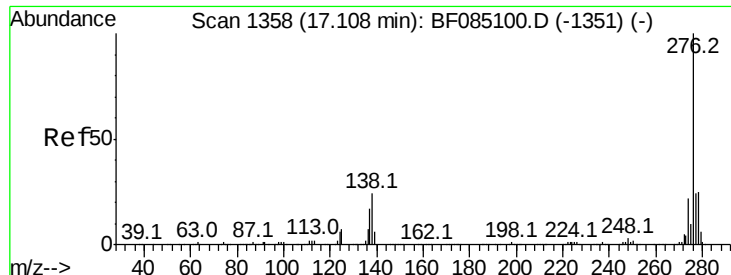


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



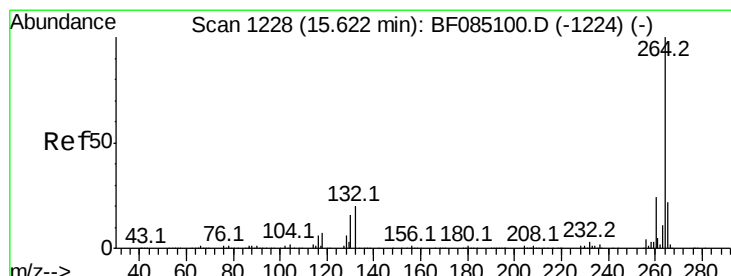
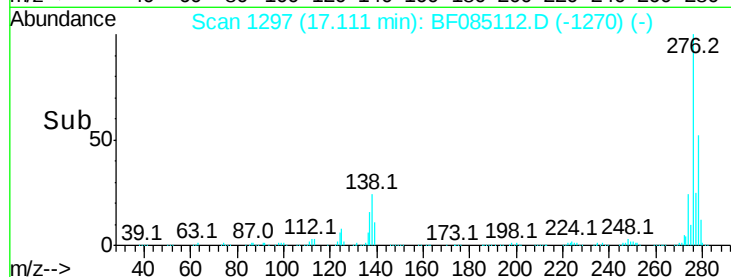
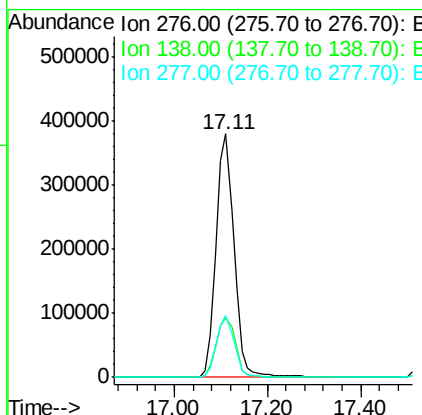
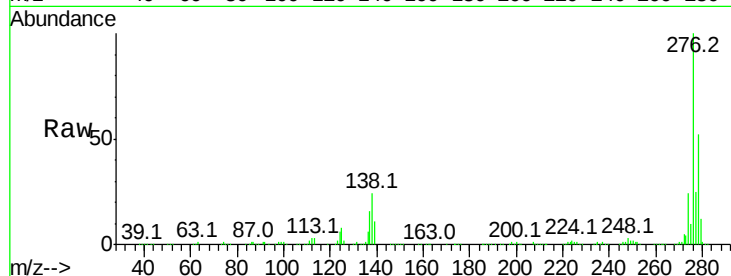


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.34 ng
 RT: 17.11 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1017677

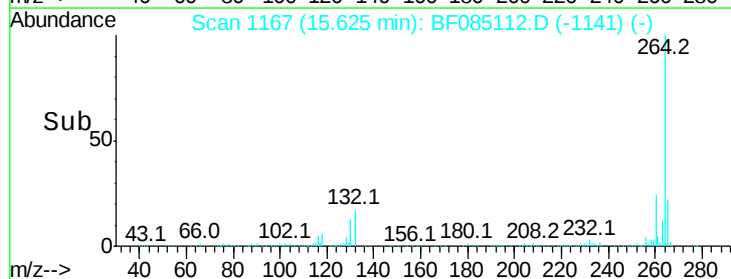
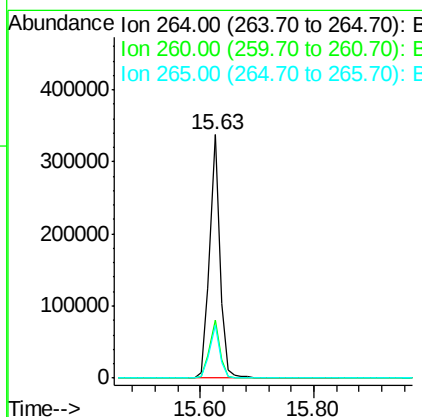
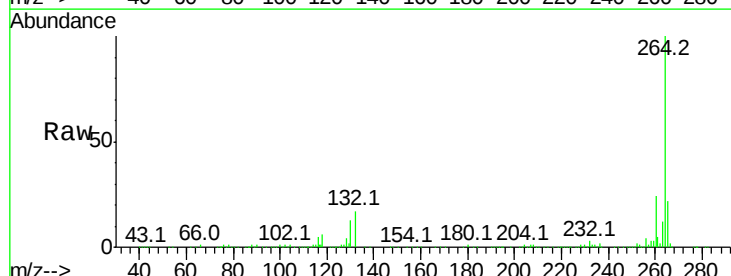
Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.4	32.2
277	25.2	20.1	30.1

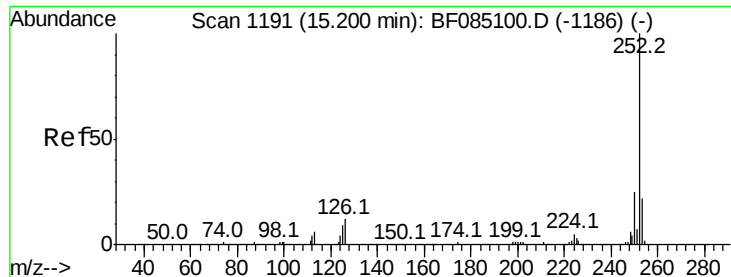


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.63 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF085112.D
 Acq: 2 Mar 2016 11:51

Tgt Ion:264 Resp: 412064

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.6	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 50.35 ng

RT: 15.19 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

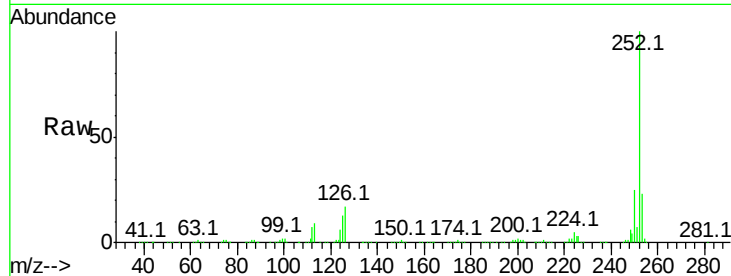
Tot Ion:252 Resp: 1263246

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

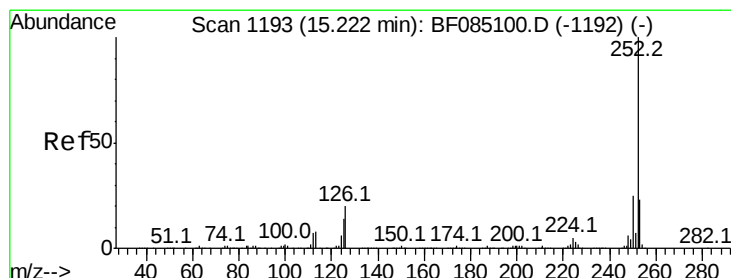
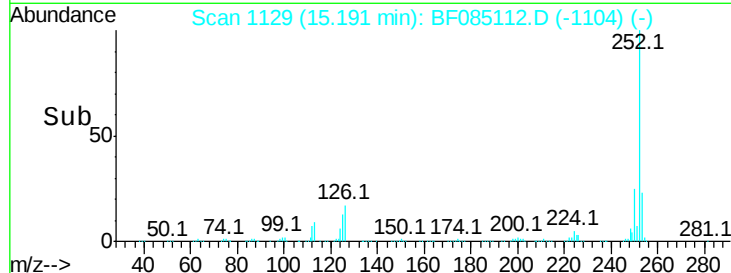
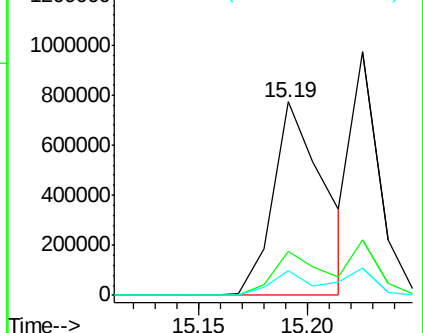
125 12.7 7.0 10.4#



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: 58.13 ng

RT: 15.19 min Scan# 1129

Delta R.T. -0.03 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

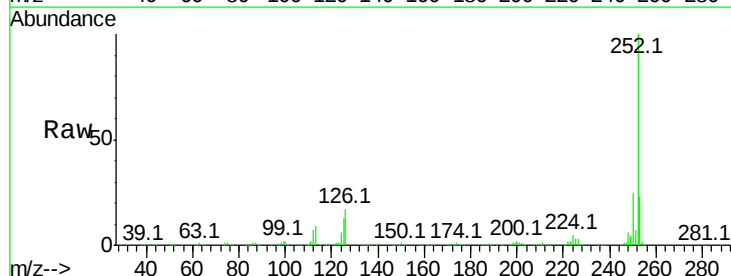
Tgt Ion:252 Resp: 1263246

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

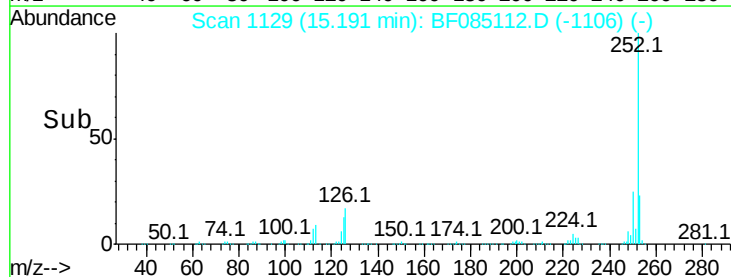
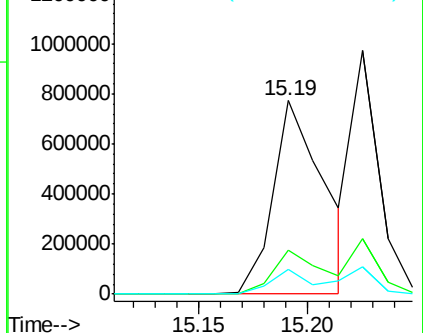
125 12.7 11.1 16.7

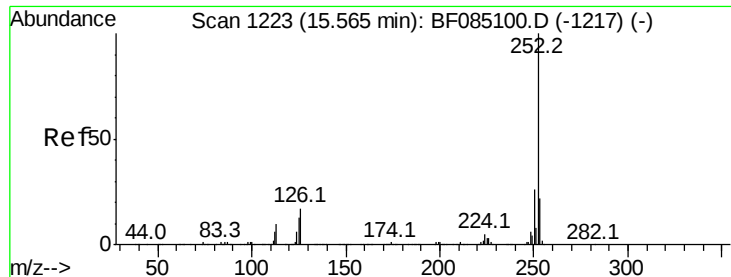


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

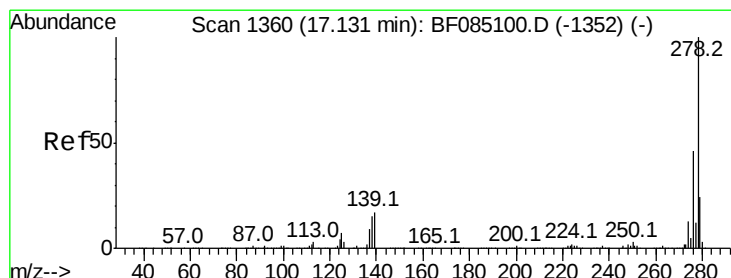
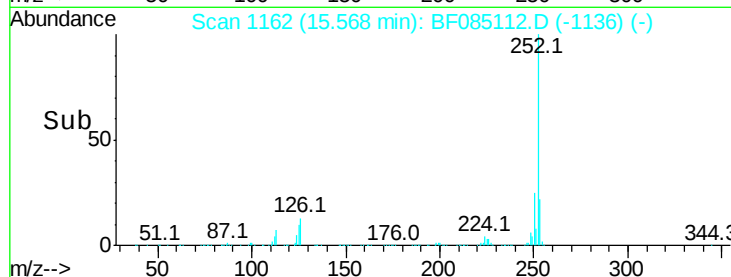
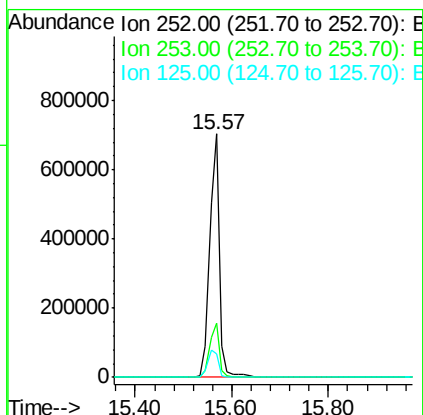
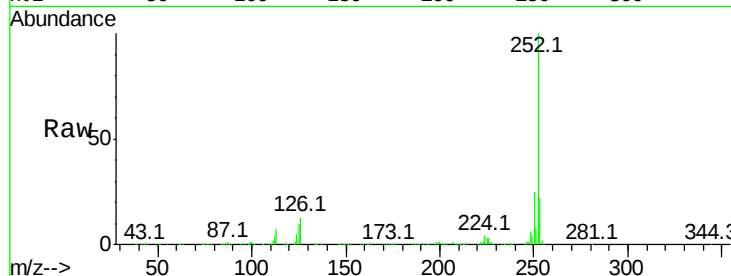




#89
Benzo(a)pyrene
Concen: 47.01 ng
RT: 15.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

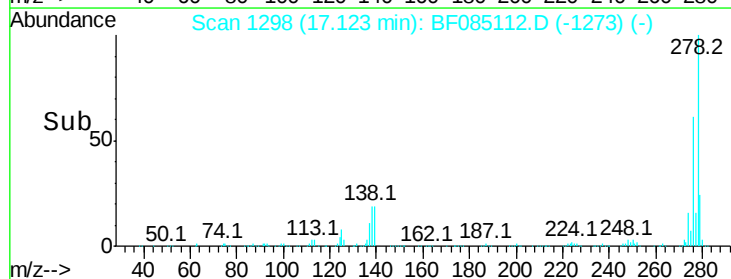
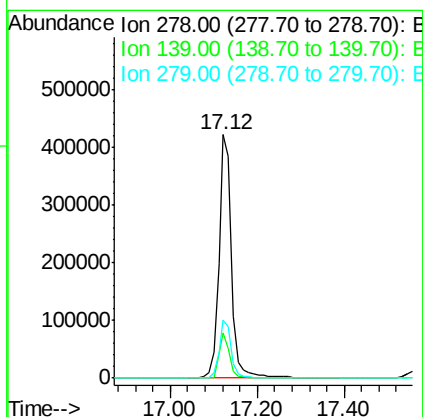
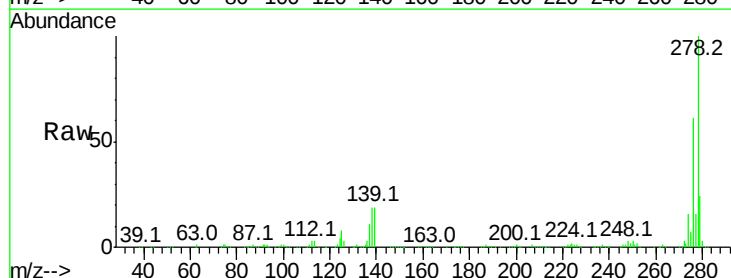
Instrument :
BNA_F
ClientSampleId :

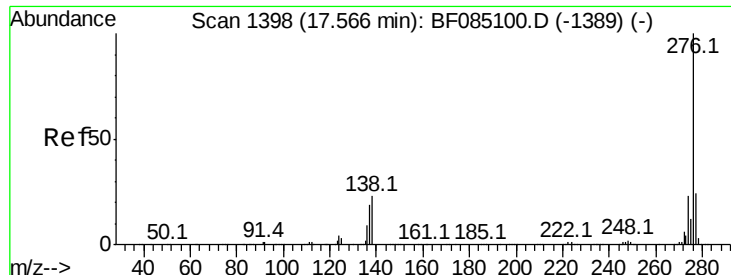
Tot Ion:252 Resp: 991939
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 9.7 10.2 15.2#



#90
Dibenzo(a,h)anthracene
Concen: 45.54 ng
RT: 17.12 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF085112.D
Acq: 2 Mar 2016 11:51

Tgt Ion:278 Resp: 865572
Ion Ratio Lower Upper
278 100
139 18.6 13.6 20.4
279 23.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 44.48 ng

RT: 17.56 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF085112.D

Acq: 2 Mar 2016 11:51

Instrument :

BNA_F

ClientSampleId :

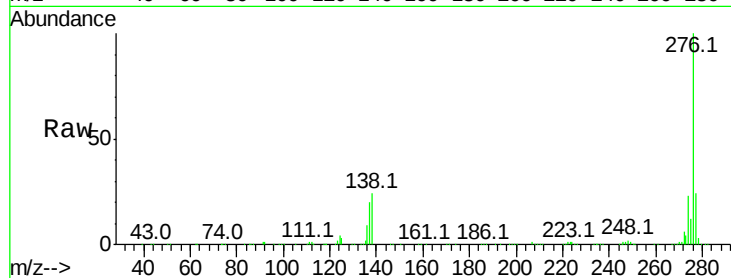
Tot Ion:276 Resp: 859589

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.6 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

