

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085396.D
 Acq On : 12 Mar 2016 3:52
 Operator : UM/SJ
 Sample : PB88821BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Quant Time: Mar 12 04:18:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	147483	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	562186	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	179944	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	307645	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	249109	20.00	ng	-0.05
86) Perylene-d12	15.57	264	254136	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	977624	111.19	ng	-0.03
7) Phenol-d6	6.57	99	1399037	121.45	ng	-0.03
23) Nitrobenzene-d5	7.50	82	831923	79.19	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	217672	141.37	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1349973	114.10	ng	-0.05
78) Terphenyl-d14	13.05	244	787582	73.39	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	121730	27.07	ng	97
3) Pyridine	3.42	79	359611	31.96	ng	95
4) n-Nitrosodimethylamine	3.35	42	157069	32.61	ng	95
6) Aniline	6.60	93	490998	30.41	ng	97
8) 2-Chlorophenol	6.72	128	431315	40.75	ng	96
9) Benzaldehyde	6.48	77	101195	15.27	ng	92
10) Phenol	6.58	94	515178	41.76	ng	96
11) bis(2-Chloroethyl)ether	6.68	93	402452	39.27	ng	94
12) 1,3-Dichlorobenzene	6.88	146	425735	37.46	ng	97
13) 1,4-Dichlorobenzene	6.95	146	413655	36.32	ng	99
14) 1,2-Dichlorobenzene	7.11	146	429552	41.57	ng	98
15) Benzyl Alcohol	7.08	79	337380	39.90	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	481475	32.60	ng	99
17) 2-Methylphenol	7.19	107	349531	40.47	ng	98
18) Hexachloroethane	7.45	117	158911	37.82	ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	253954	33.82	ng	# 91
20) 3+4-Methylphenols	7.34	107	394571	38.57	ng	92
22) Acetophenone	7.35	105	533002	38.84	ng	# 97
24) Nitrobenzene	7.52	77	456452	42.77	ng	96
25) Isophorone	7.76	82	781058	40.12	ng	98
26) 2-Nitrophenol	7.84	139	222488	42.84	ng	95
27) 2,4-Dimethylphenol	7.88	122	402535	42.41	ng	96
28) bis(2-Chloroethoxy)methane	7.97	93	455057	41.97	ng	100
29) 2,4-Dichlorophenol	8.08	162	338606	44.24	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	330190	39.90	ng	100
31) Naphthalene	8.24	128	1078844	39.03	ng	99
32) Benzoic acid	7.99	122	234925	37.26	ng	98
33) 4-Chloroaniline	8.29	127	257032	22.99	ng	99
34) Hexachlorobutadiene	8.37	225	180784	41.98	ng	98
35) Caprolactam	8.66	113	110465	44.19	ng	88
36) 4-Chloro-3-methylphenol	8.78	107	361464	41.62	ng	87
37) 2-Methylnaphthalene	8.94	142	758263	42.74	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	293882	57.11	ng	97
40) Hexachlorocyclopentadiene	9.09	237	194443	70.05	ng	99

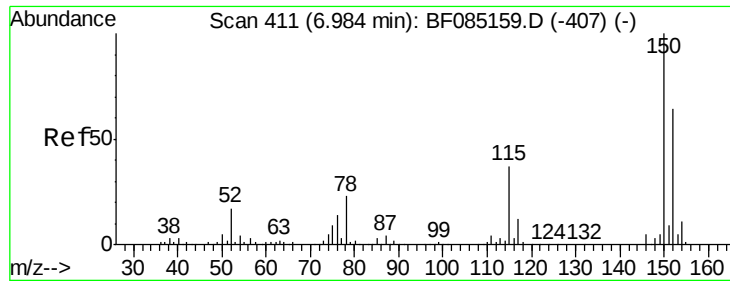
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	207190	54.09	ng	97
43) 2,4,5-Trichlorophenol	9.26	196	216224	59.53	ng	# 93
45) 1,1'-Biphenyl	9.41	154	782631	50.91	ng	93
46) 2-Chloronaphthalene	9.43	162	587650	50.15	ng	98
47) 2-Nitroaniline	9.52	65	154999	42.68	ng	# 83
48) Acenaphthylene	9.84	152	731792	40.12	ng	98
49) Dimethylphthalate	9.70	163	611476	44.27	ng	100
50) 2,6-Dinitrotoluene	9.76	165	116273	39.35	ng	93
51) Acenaphthene	10.01	154	471836	42.61	ng	98
52) 3-Nitroaniline	9.93	138	108902	30.81	ng	99
53) 2,4-Dinitrophenol	10.04	184	84900	58.97	ng	# 53
54) Dibenzofuran	10.18	168	612558	42.22	ng	99
55) 4-Nitrophenol	10.09	139	201386	72.49	ng	# 81
56) 2,4-Dinitrotoluene	10.17	165	163645	43.28	ng	# 61
57) Fluorene	10.53	166	471763	41.40	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	119946	47.01	ng	92
59) Diethylphthalate	10.40	149	565548	42.20	ng	97
60) 4-Chlorophenyl-phenylether	10.52	204	236054	42.57	ng	88
61) 4-Nitroaniline	10.55	138	124778	37.74	ng	79
62) Azobenzene	10.68	77	540466	40.93	ng	96
64) 4,6-Dinitro-2-methylphenol	10.57	198	61784	33.54	ng	76
65) n-Nitrosodiphenylamine	10.64	169	467660	48.87	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	137011	45.87	ng	# 85
67) Hexachlorobenzene	11.08	284	136070	42.70	ng	# 80
68) Atrazine	11.17	200	156859	58.94	ng	96
69) Pentachlorophenol	11.27	266	154236	87.19	ng	100
70) Phenanthrene	11.49	178	674925	41.86	ng	98
71) Anthracene	11.54	178	734232	42.90	ng	98
72) Carbazole	11.69	167	557806	37.17	ng	98
73) Di-n-butylphthalate	12.02	149	794936	41.90	ng	99
74) Fluoranthene	12.68	202	562189	34.75	ng	97
76) Benzidine	12.80	184	396751	53.51	ng	99
77) Pyrene	12.90	202	579121	30.89	ng	97
79) Butylbenzylphthalate	13.52	149	262499	30.86	ng	94
80) Benzo(a)anthracene	14.09	228	591136	39.64	ng	98
81) 3,3'-Dichlorobenzidine	14.06	252	175181	37.24	ng	# 96
82) Chrysene	14.14	228	558939	40.57	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	459065	41.00	ng	99
84) Di-n-octyl phthalate	14.70	149	828887	48.61	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	602421	56.03	ng	98
87) Benzo(b)fluoranthene	15.15	252	593065	35.01	ng	98
88) Benzo(k)fluoranthene	15.15	252	593065	43.41	ng	99
89) Benzo(a)pyrene	15.51	252	604220	43.04	ng	# 97
90) Dibenzo(a,h)anthracene	17.05	278	514905	42.97	ng	96
91) Benzo(g,h,i)perylene	17.48	276	478933	39.75	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.05 min

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PB88821BS

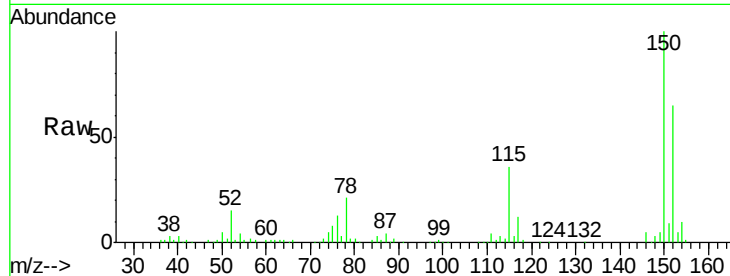
Tgt Ion:152 Resp: 147483

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

115 56.2 46.6 70.0



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

300000

250000

200000

150000

100000

50000

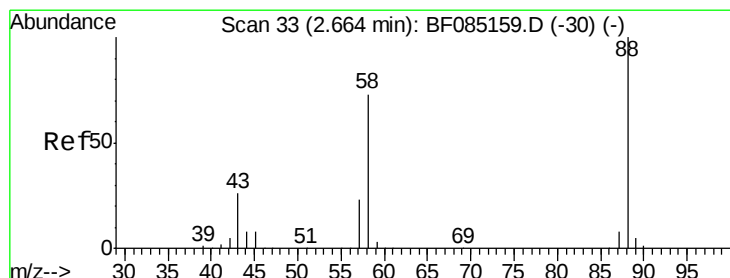
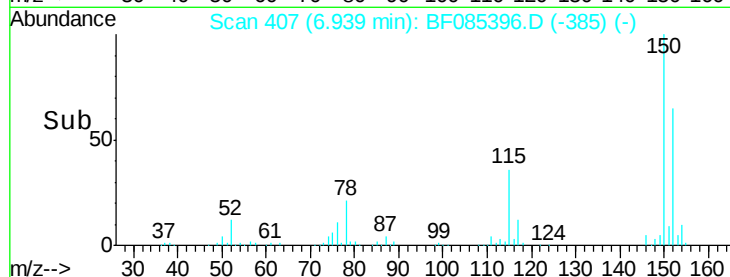
0

6.90

6.95

6.94

Time-->



#2

1,4-Dioxane

Concen: 27.07 ng

RT: 2.65 min Scan# 32

Delta R.T. -0.01 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

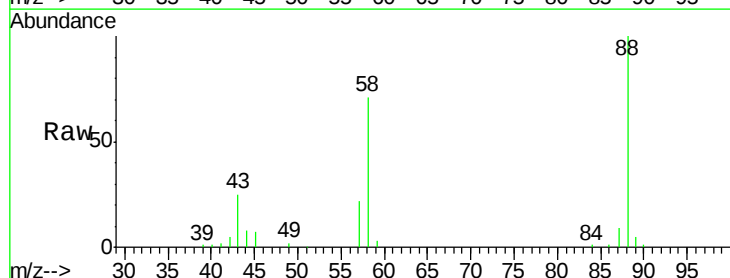
Tgt Ion: 88 Resp: 121730

Ion Ratio Lower Upper

88 100

58 68.7 57.0 85.6

43 24.3 20.5 30.7



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

100000

80000

60000

40000

20000

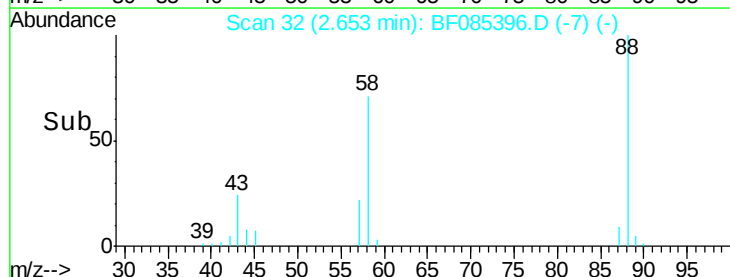
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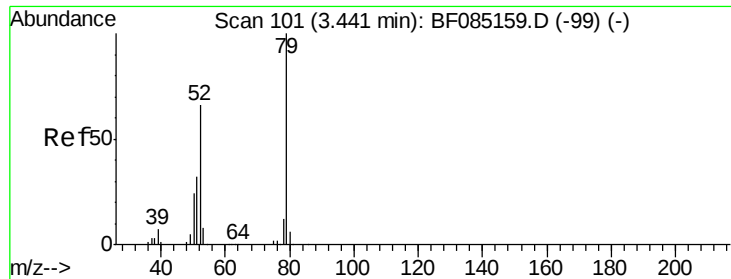
2.60

2.70

2.65

Time-->





#3

Pyridine

Concen: 31.96 ng

RT: 3.42 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

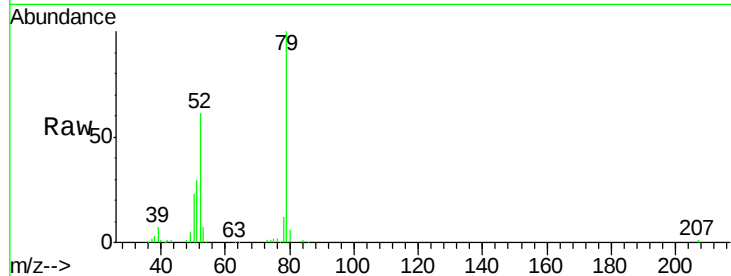
Tgt Ion: 79 Resp: 359611

Ion Ratio Lower Upper

79 100

52 61.4 52.6 79.0

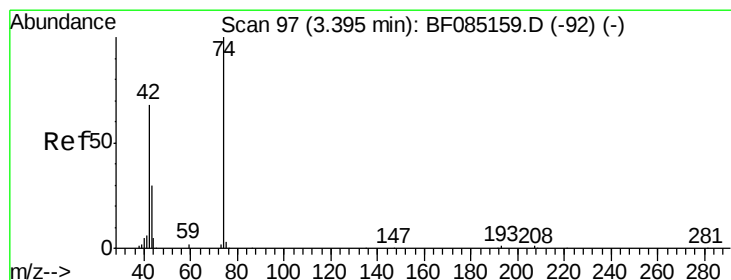
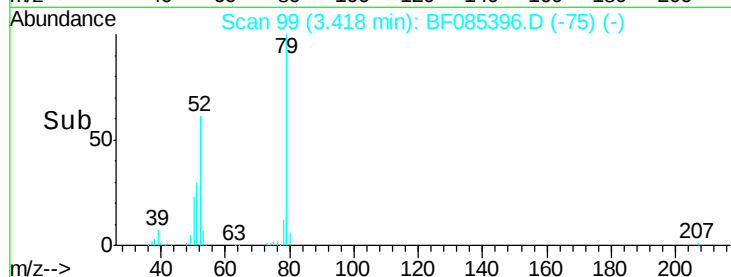
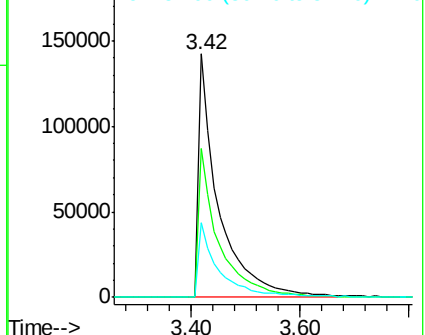
51 30.5 25.8 38.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.61 ng

RT: 3.35 min Scan# 93

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

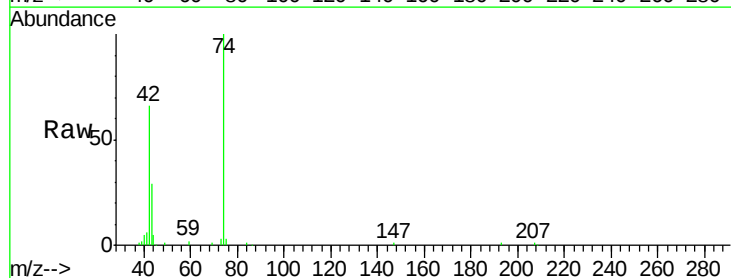
Tgt Ion: 42 Resp: 157069

Ion Ratio Lower Upper

42 100

74 152.7 116.8 175.2

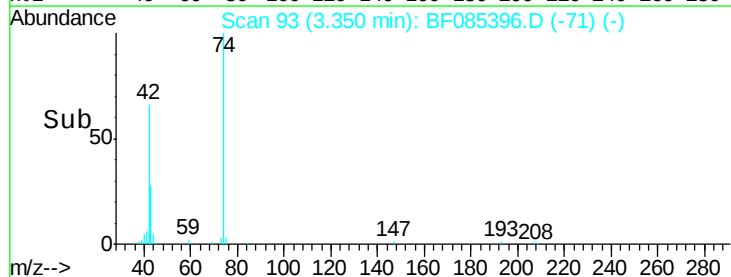
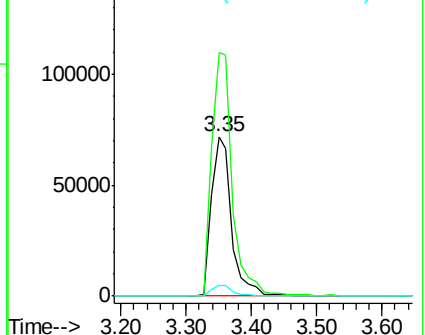
44 6.9 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 111.19 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

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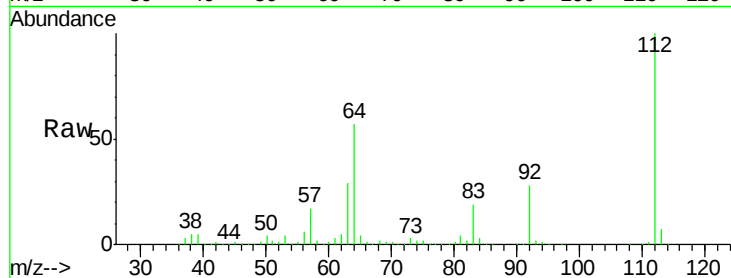
Tgt Ion: 112 Resp: 977624

Ion Ratio Lower Upper

112 100

64 57.1 49.0 73.4

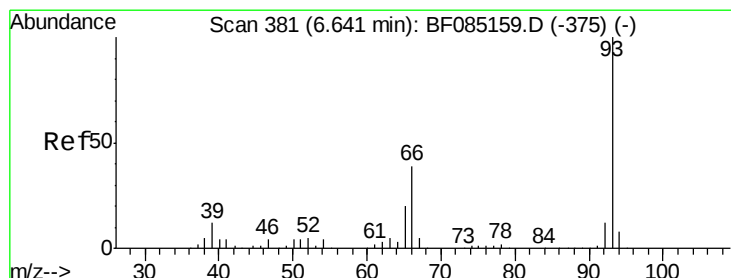
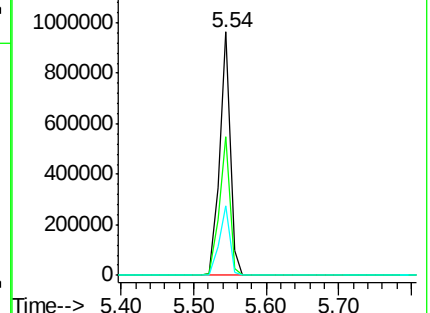
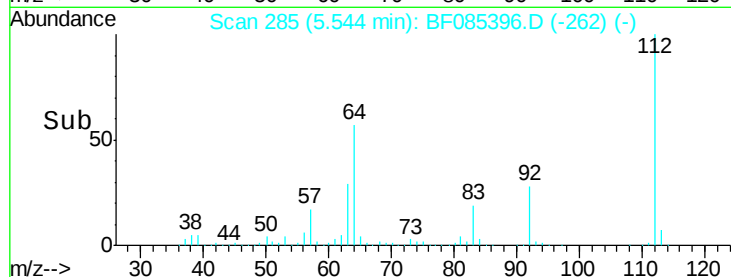
63 28.8 24.8 37.2



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: 30.41 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

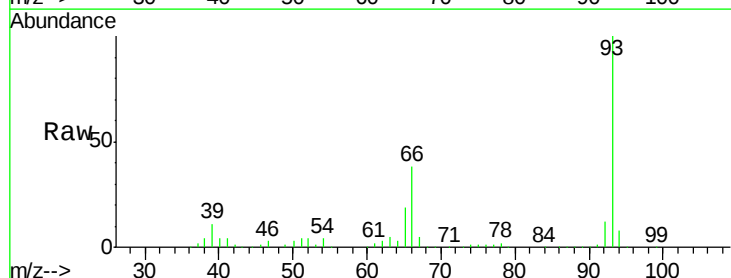
Tgt Ion: 93 Resp: 490998

Ion Ratio Lower Upper

93 100

66 37.8 31.6 47.4

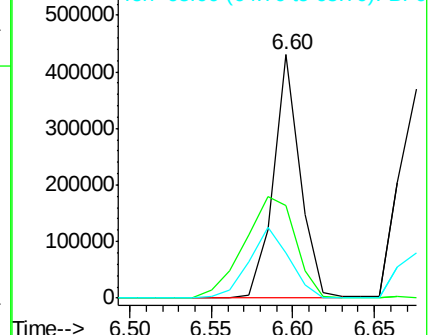
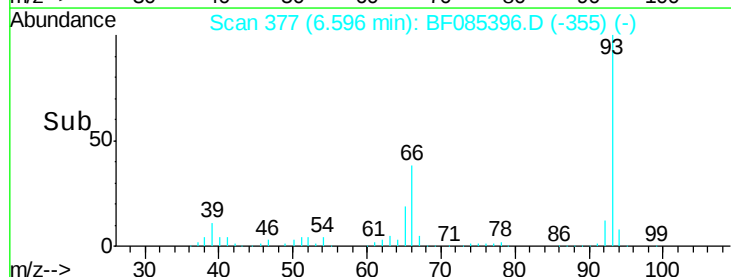
65 18.8 15.8 23.8



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: 121.45 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

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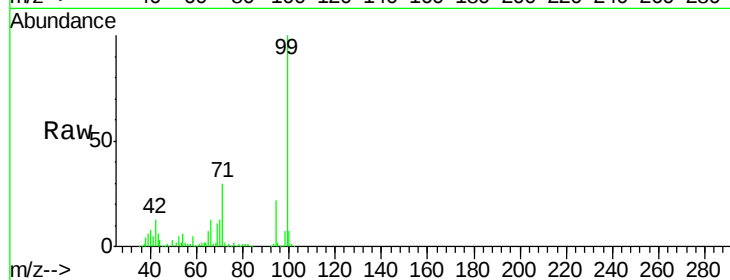
Tgt Ion: 99 Resp: 1399037

Ion Ratio Lower Upper

99 100

42 13.0 13.6 20.4#

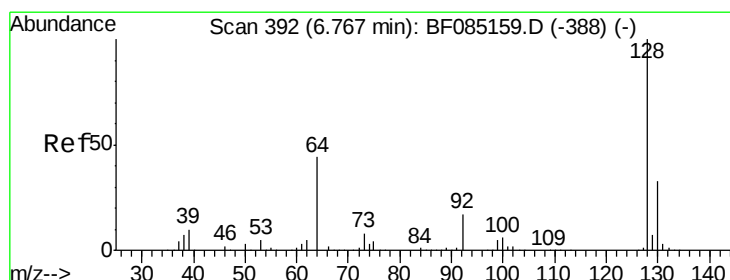
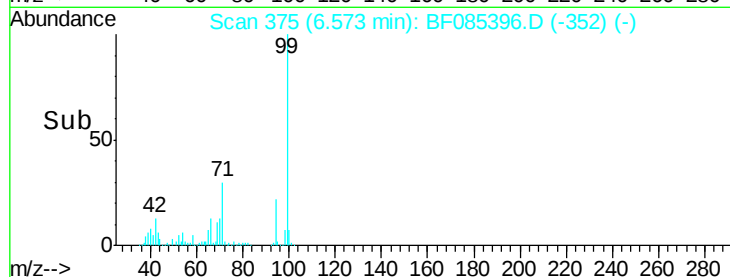
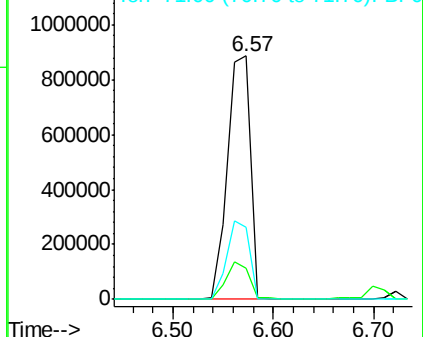
71 29.7 26.7 40.1



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: 40.75 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

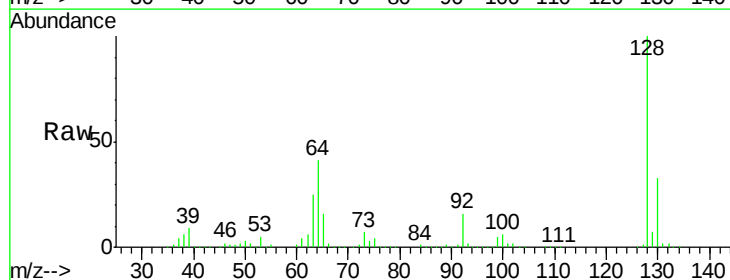
Tgt Ion: 128 Resp: 431315

Ion Ratio Lower Upper

128 100

130 32.9 13.3 53.3

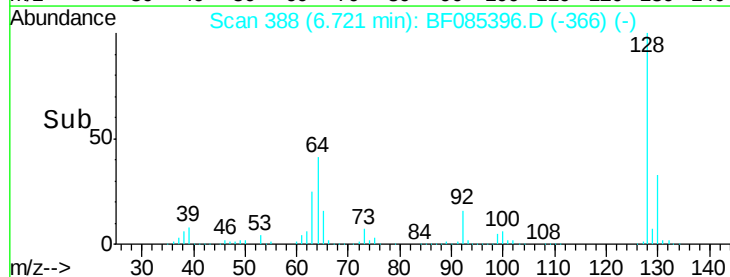
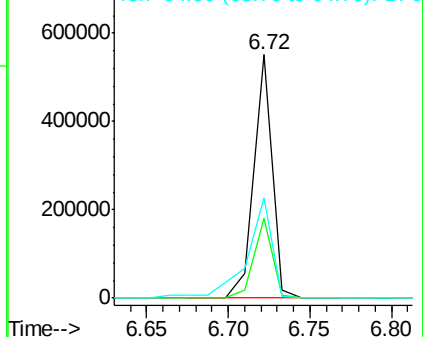
64 41.2 25.7 65.7

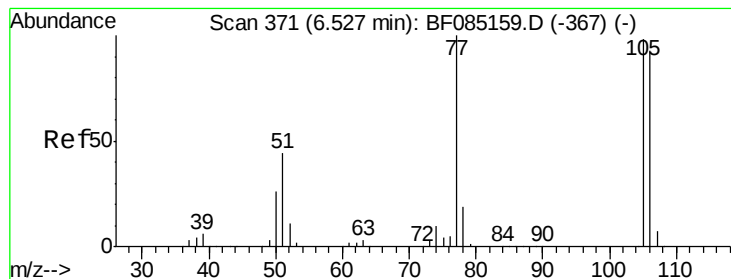


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.27 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

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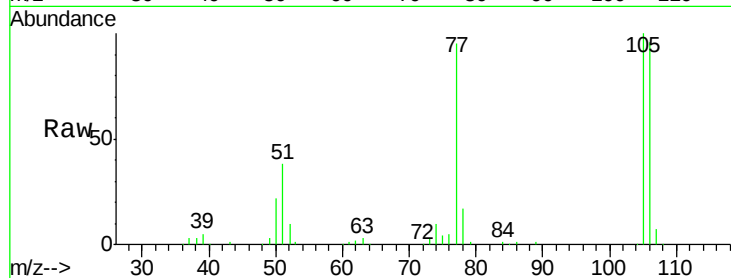
Tgt Ion: 77 Resp: 101195

Ion Ratio Lower Upper

77 100

105 105.0 78.2 118.2

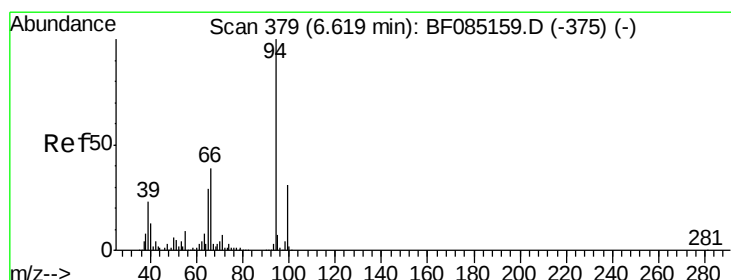
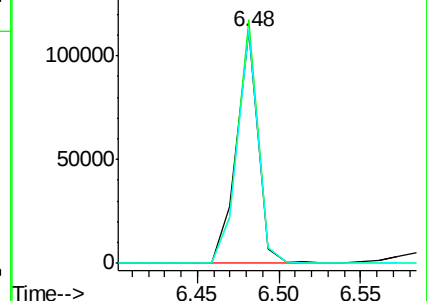
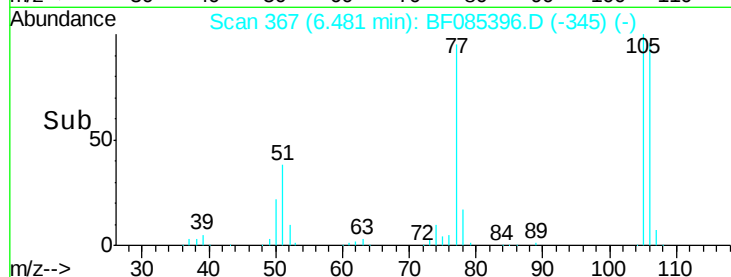
106 100.9 72.9 112.9



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: 41.76 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

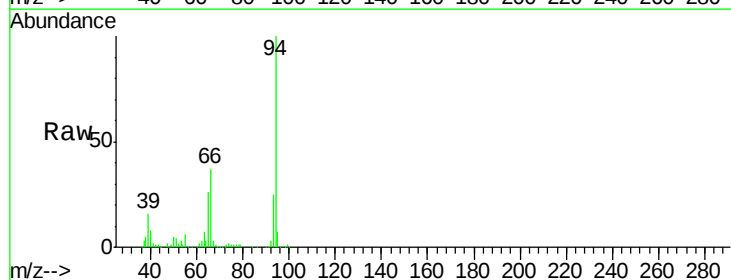
Tgt Ion: 94 Resp: 515178

Ion Ratio Lower Upper

94 100

65 25.9 9.1 49.1

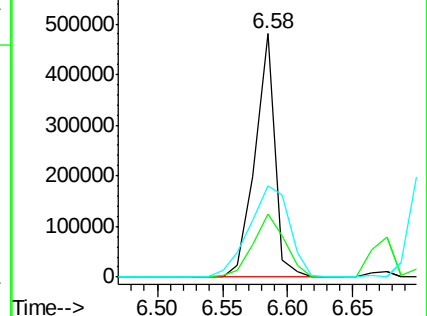
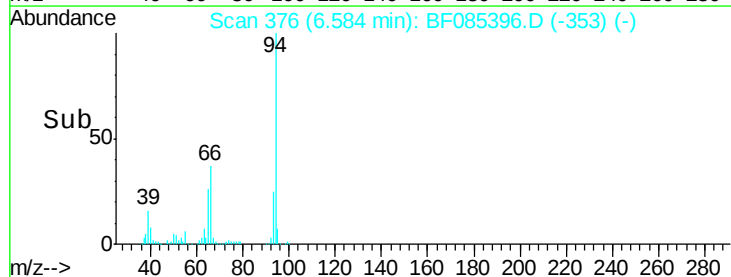
66 37.4 19.3 59.3

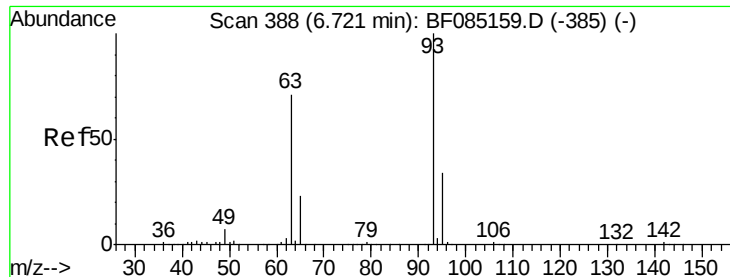


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

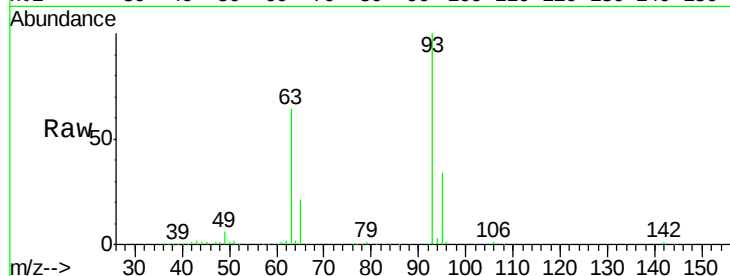




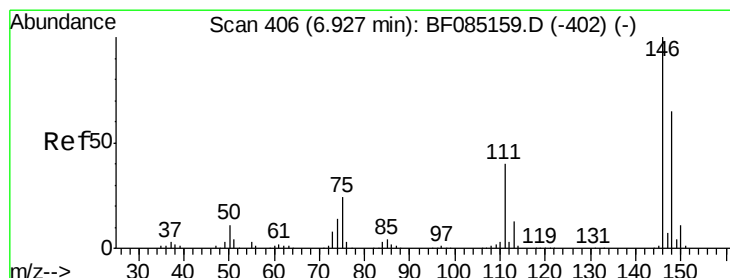
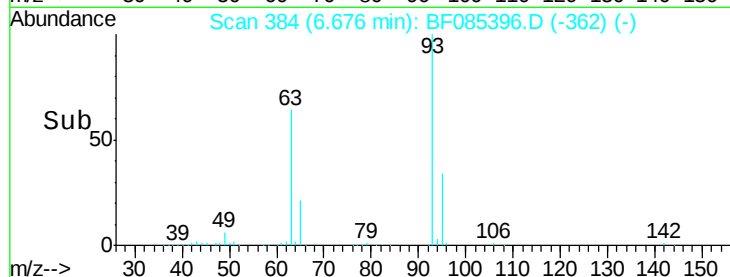
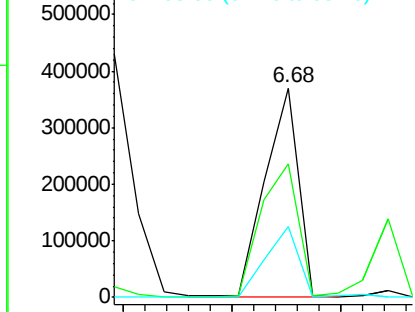
#11
bis(2-Chloroethyl)ether
Concen: 39.27 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB88821BS

Tgt Ion: 93 Resp: 402452
Ion Ratio Lower Upper
93 100
63 63.7 50.9 90.9
95 33.8 13.7 53.7

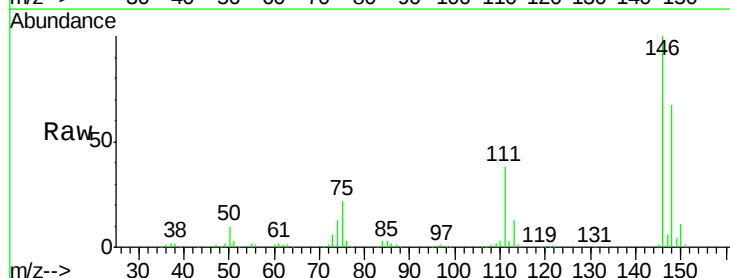


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

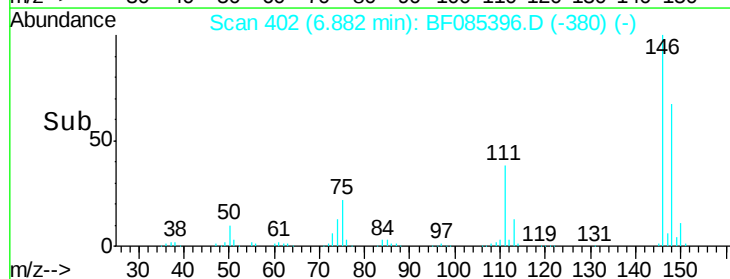
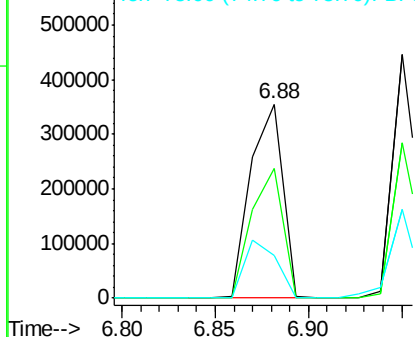


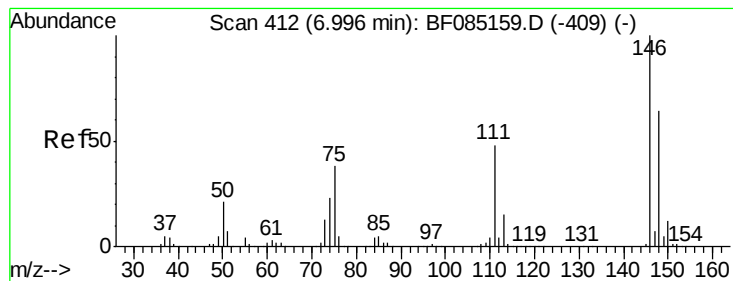
#12
1,3-Dichlorobenzene
Concen: 37.46 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion: 146 Resp: 425735
Ion Ratio Lower Upper
146 100
148 66.7 52.1 78.1
75 22.1 19.5 29.3



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





#13

1,4-Dichlorobenzene

Concen: 36.32 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

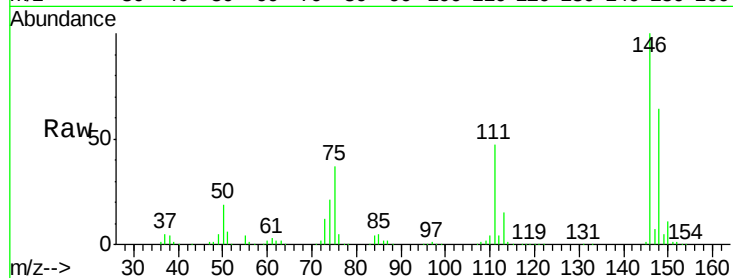
Tgt Ion:146 Resp: 413655

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

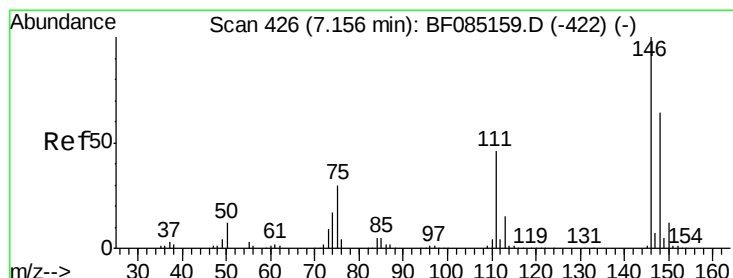
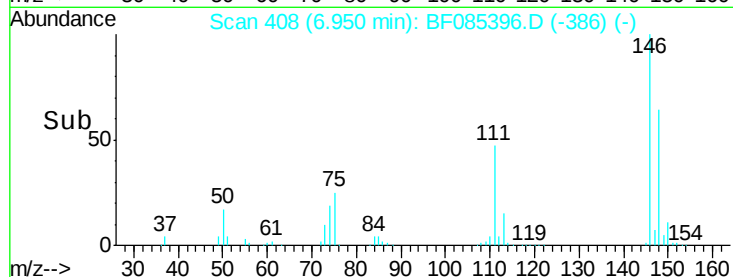
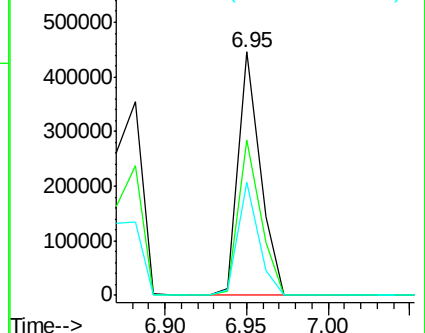
111 46.7 38.4 57.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.57 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

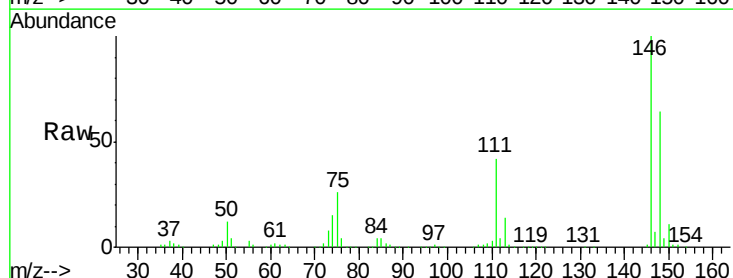
Tgt Ion:146 Resp: 429552

Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

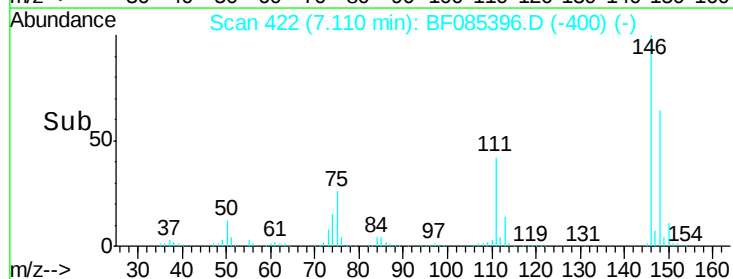
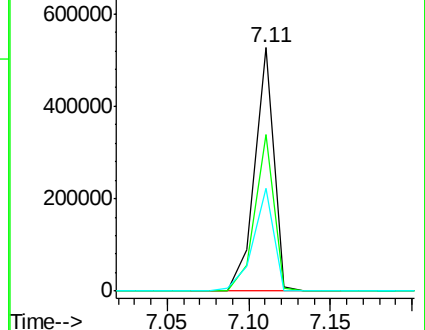
111 42.1 36.7 55.1

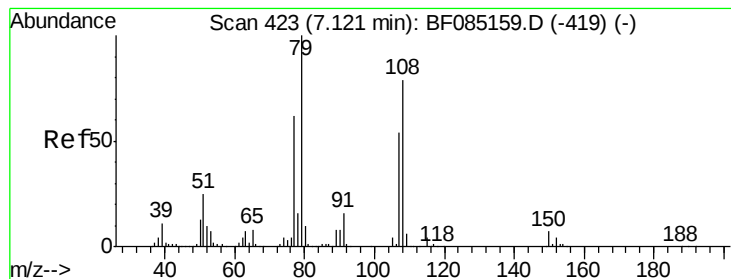


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.90 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

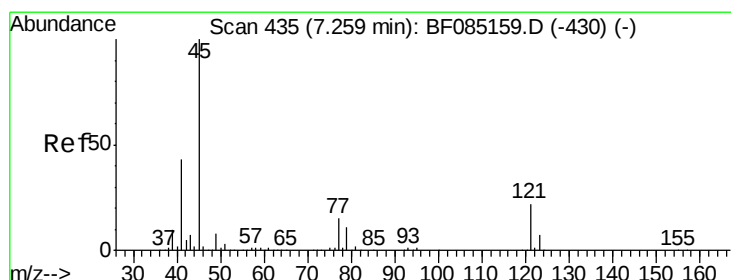
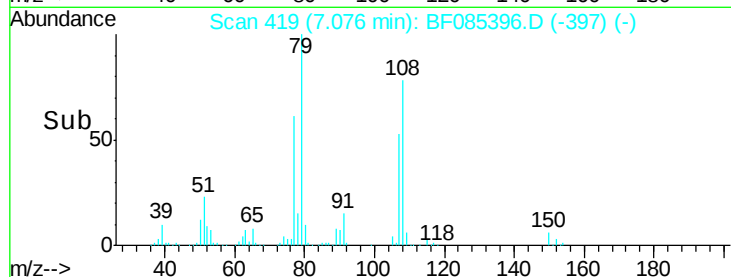
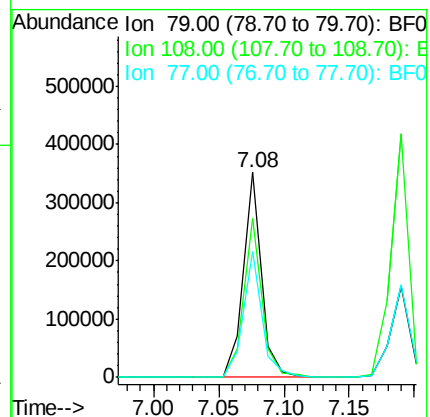
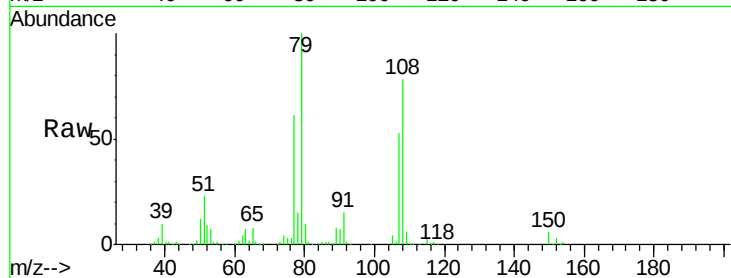
Tgt Ion: 79 Resp: 337380

Ion Ratio Lower Upper

79 100

108 77.7 62.9 94.3

77 61.5 49.5 74.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.60 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

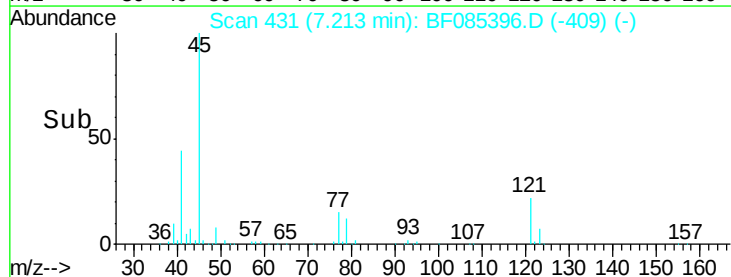
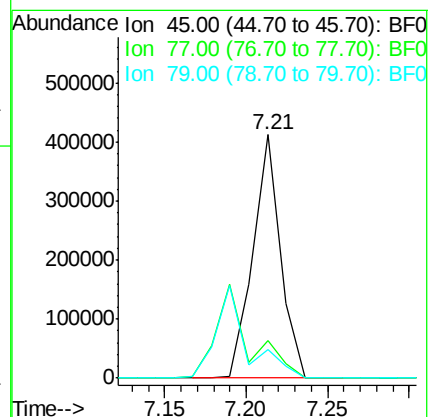
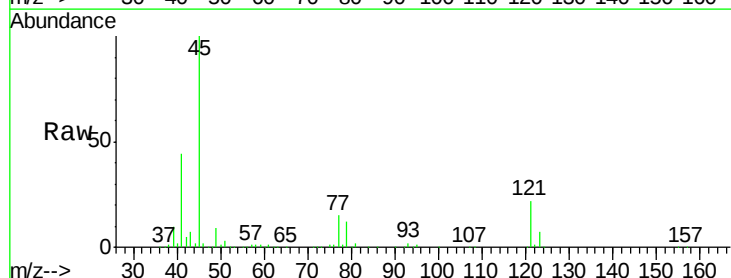
Tgt Ion: 45 Resp: 481475

Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.1

79 11.7 0.0 31.3





#17

2-Methylphenol

Concen: 40.47 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

Tgt Ion:107 Resp: 349531

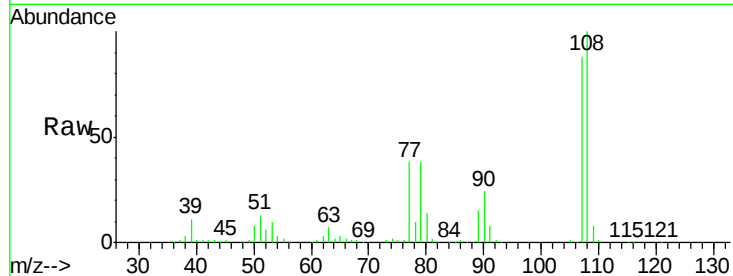
Ion Ratio Lower Upper

107 100

108 113.2 90.9 136.3

77 43.0 32.6 48.8

79 42.6 32.8 49.2

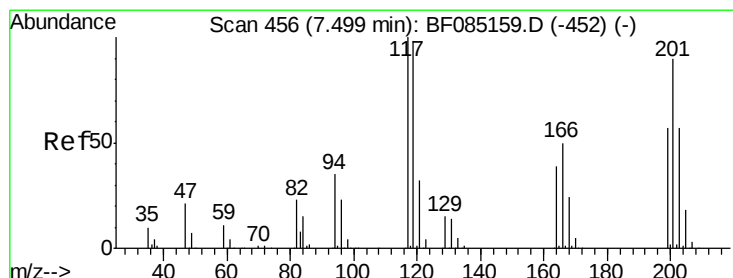
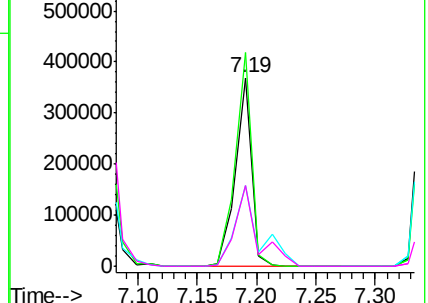
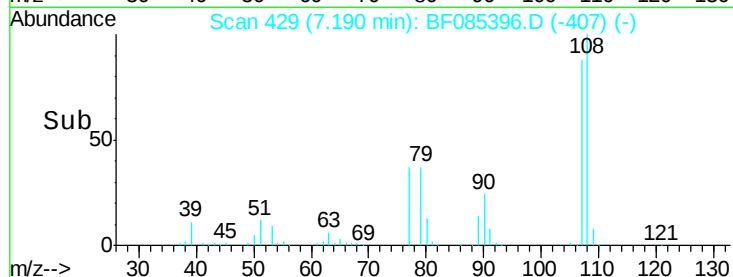


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.82 ng

RT: 7.45 min Scan# 452

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

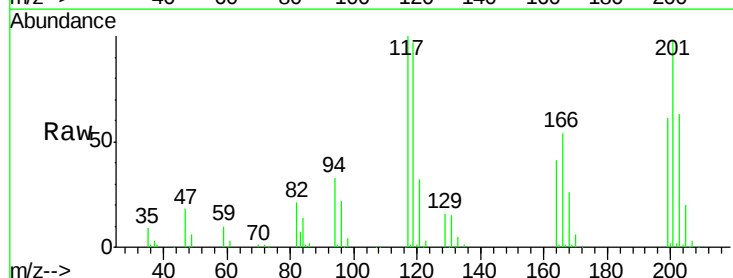
Tgt Ion:117 Resp: 158911

Ion Ratio Lower Upper

117 100

119 96.8 78.2 117.4

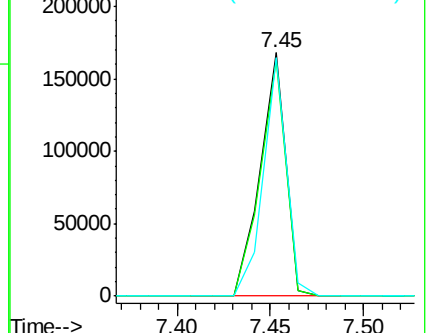
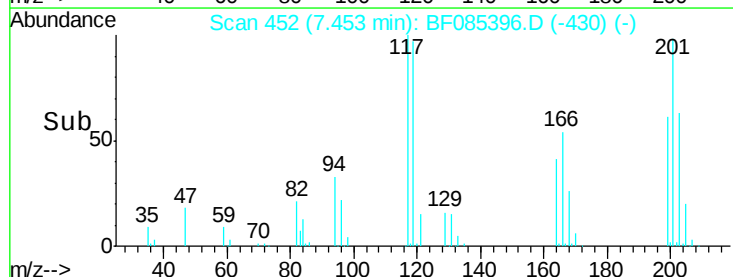
201 97.7 72.0 108.0



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

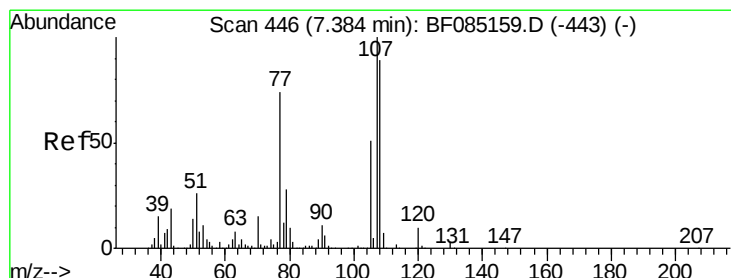
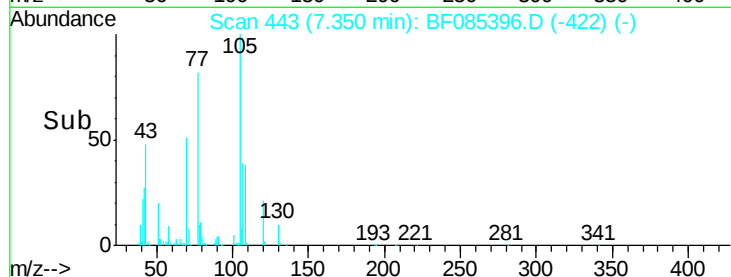
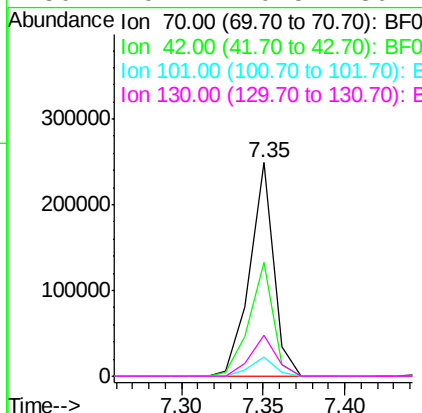
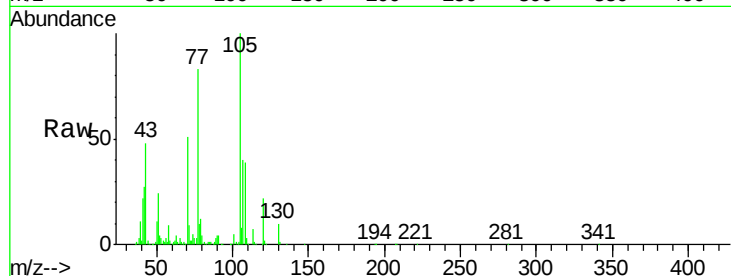




#19
n-Nitroso-di-n-propylamine
Concen: 33.82 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

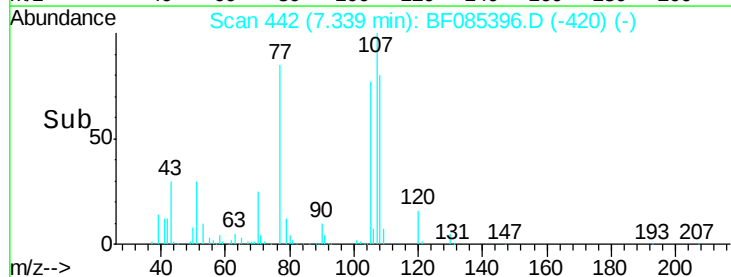
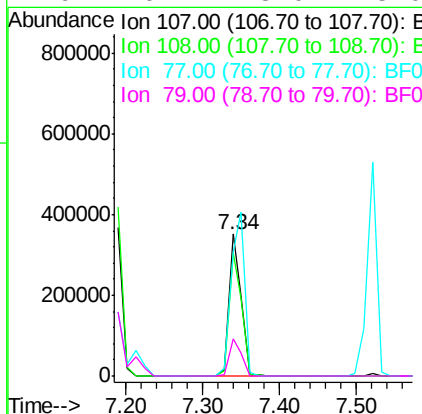
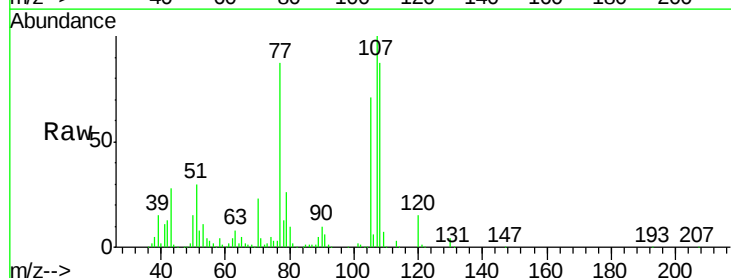
Instrument :
BNA_F
ClientSampleId :
PB88821BS

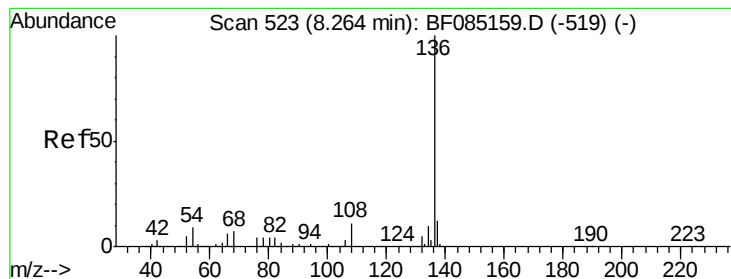
Tgt Ion: 70 Resp: 253954
Ion Ratio Lower Upper
70 100
42 53.2 37.7 56.5
101 9.0 8.2 12.4
130 19.2 20.5 30.7#



#20
3+4-Methylphenols
Concen: 38.57 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion: 107 Resp: 394571
Ion Ratio Lower Upper
107 100
108 86.6 68.8 108.8
77 87.3 53.6 93.6
79 26.2 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

Tgt Ion:136 Resp: 562186

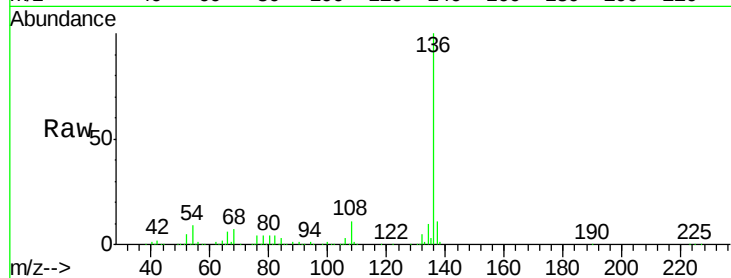
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.9 7.4 11.2

68 7.1 6.0 9.0

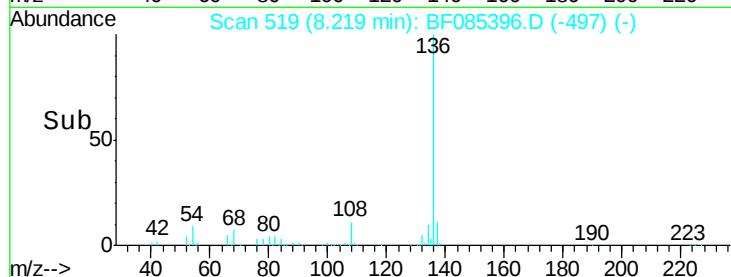


Abundance Ion 136.00 (135.70 to 136.70): E

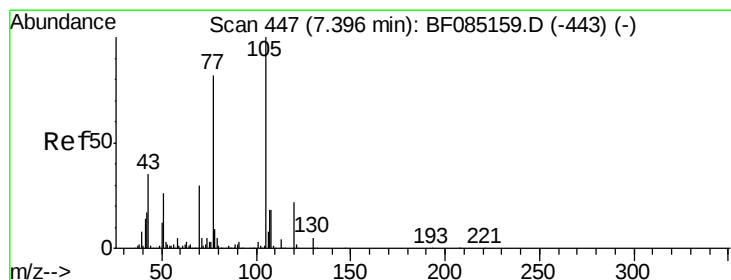
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.15 8.20 8.25



#22

Acetophenone

Concen: 38.84 ng

RT: 7.35 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Tgt Ion:105 Resp: 533002

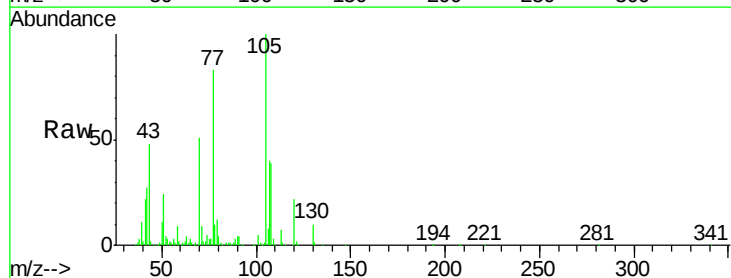
Ion Ratio Lower Upper

105 100

71 8.6 4.1 6.1#

51 24.4 21.1 31.7

120 21.8 17.3 25.9

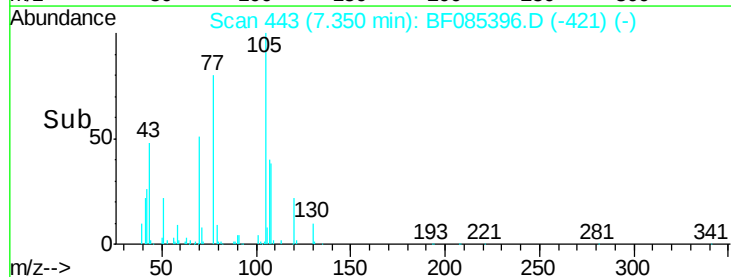


Abundance Ion 105.00 (104.70 to 105.70): E

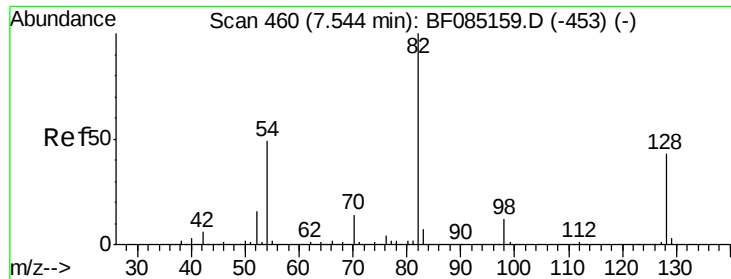
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



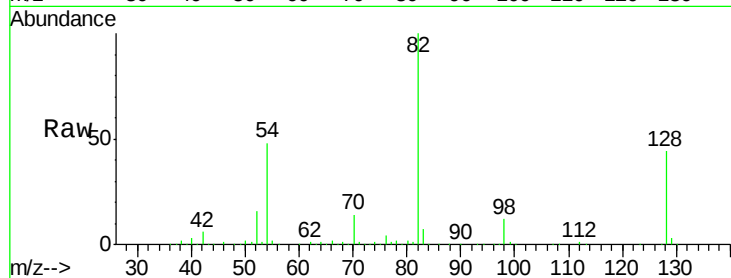
Time--> 7.25 7.30 7.35 7.40 7.45



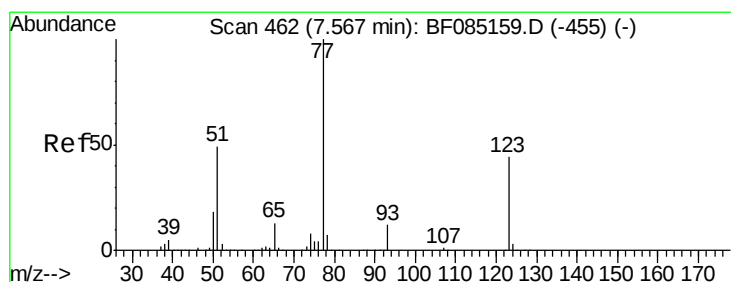
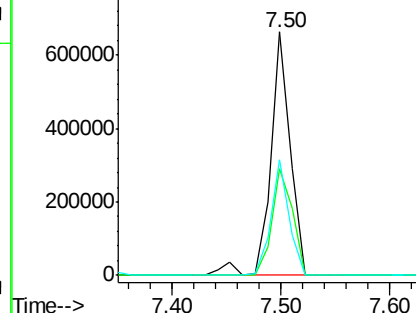
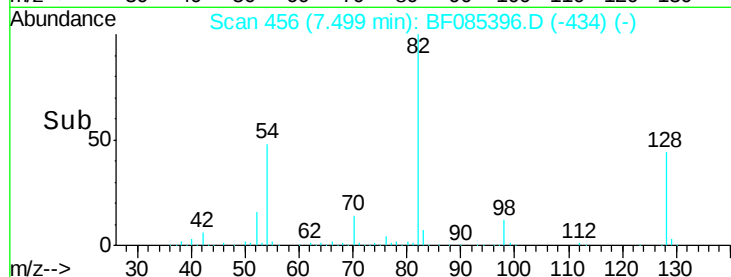
#23
 Nitrobenzene-d5
 Concen: 79.19 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion: 82 Resp: 831923
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.5 51.7
 54 47.5 39.3 58.9

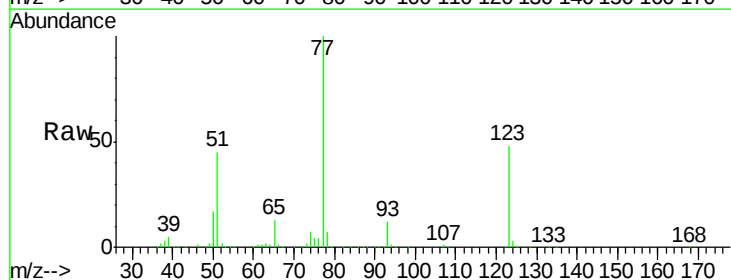


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

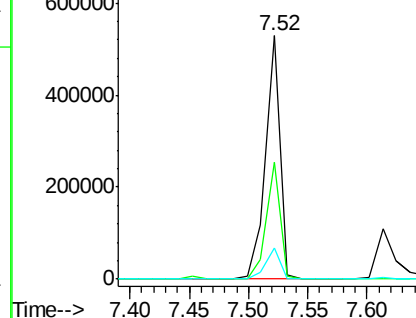
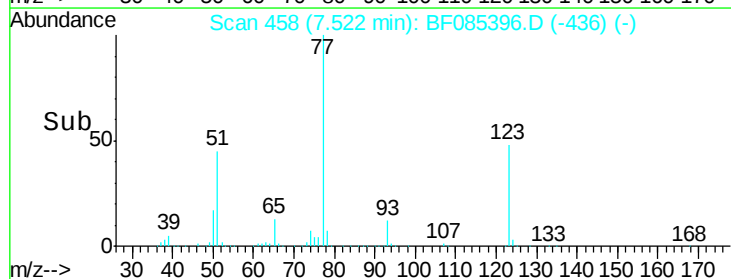


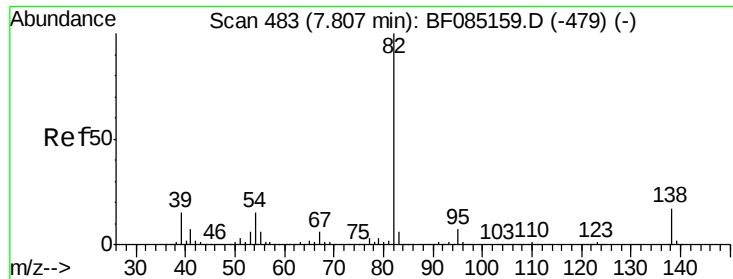
#24
 Nitrobenzene
 Concen: 42.77 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion: 77 Resp: 456452
 Ion Ratio Lower Upper
 77 100
 123 47.8 35.4 53.2
 65 12.9 10.6 16.0



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

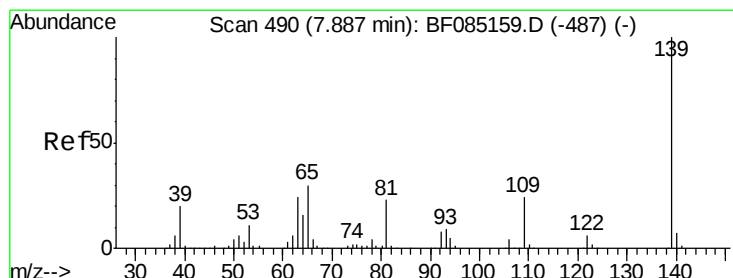
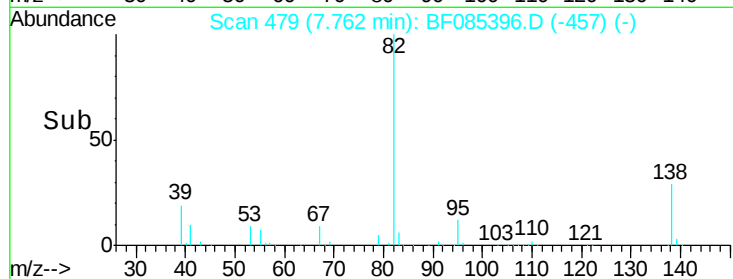
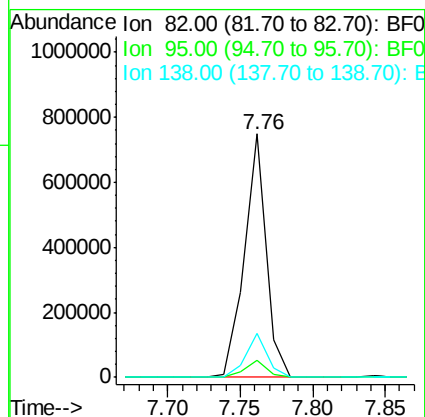
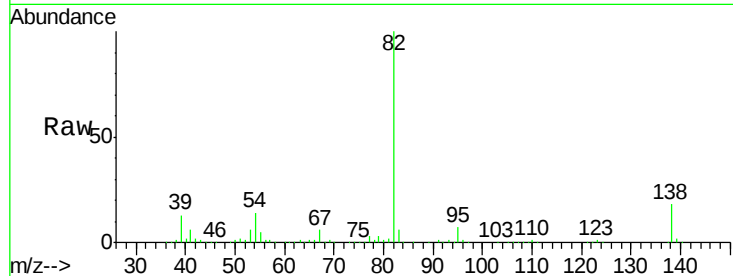




#25
Isophorone
Concen: 40.12 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

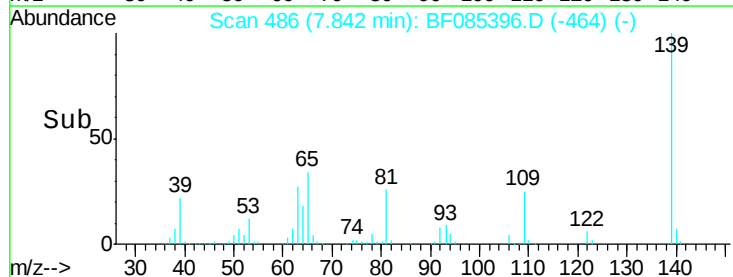
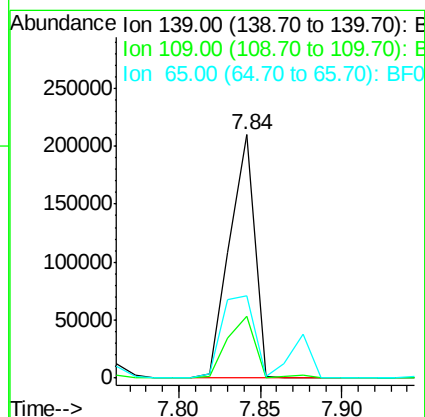
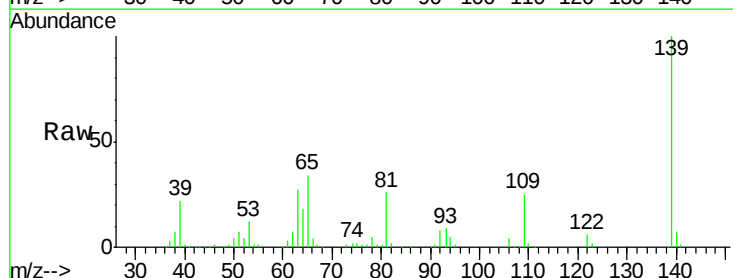
Instrument :
BNA_F
ClientSampleId :
PB88821BS

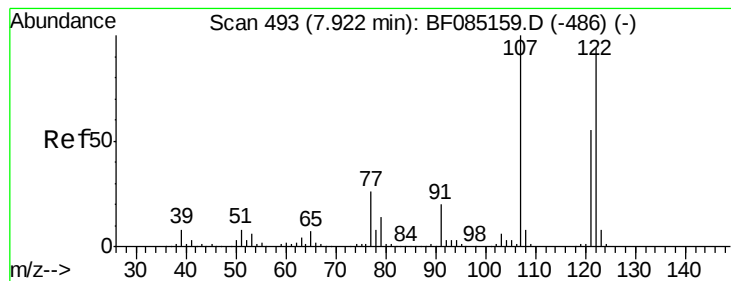
Tgt Ion: 82 Resp: 781058
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 17.8 13.3 19.9



#26
2-Nitrophenol
Concen: 42.84 ng
RT: 7.84 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion: 139 Resp: 222488
Ion Ratio Lower Upper
139 100
109 25.2 19.1 28.7
65 33.9 23.9 35.9





#27

2,4-Dimethylphenol

Concen: 42.41 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

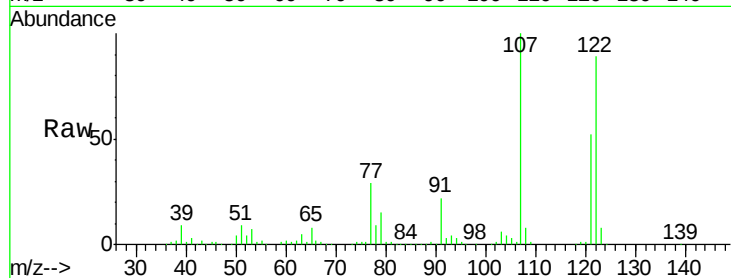
Tgt Ion:122 Resp: 402535

Ion Ratio Lower Upper

122 100

107 112.5 84.8 127.2

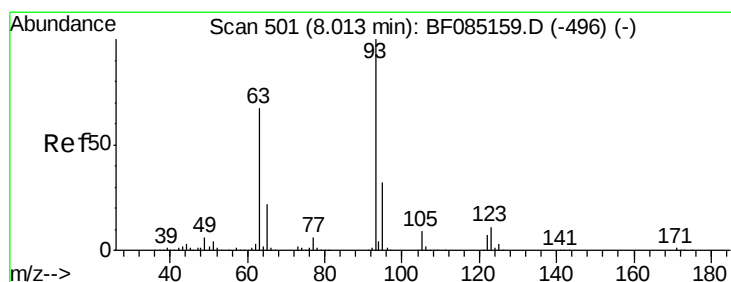
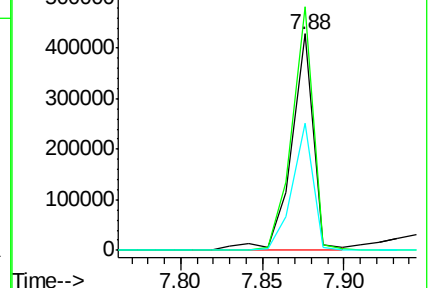
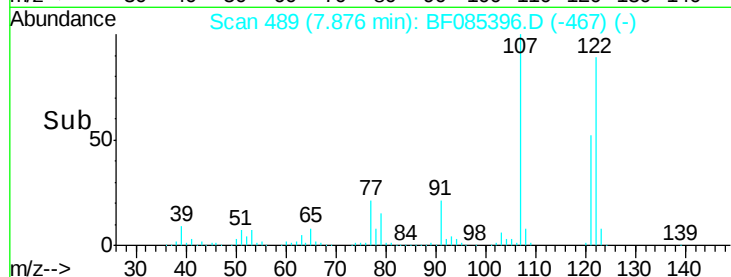
121 58.8 47.0 70.6



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: 41.97 ng

RT: 7.97 min Scan# 497

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

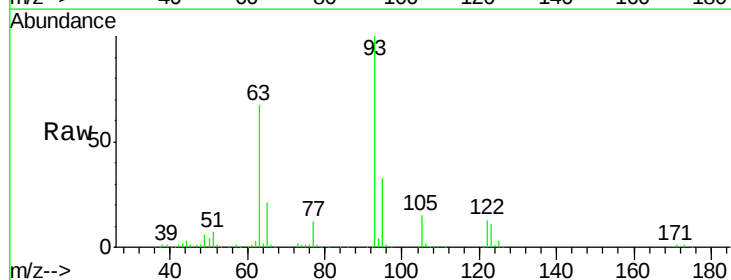
Tgt Ion: 93 Resp: 455057

Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

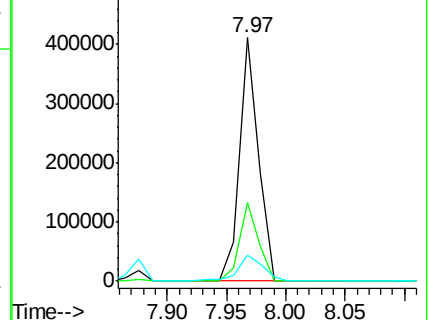
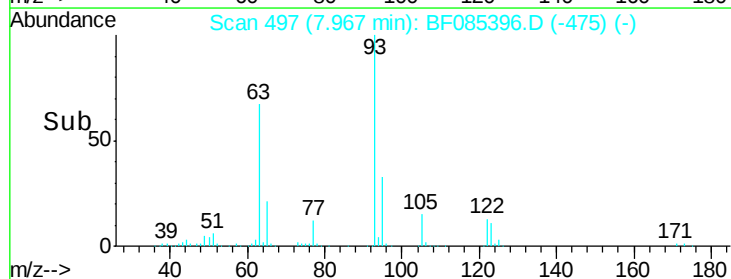
123 10.8 8.8 13.2

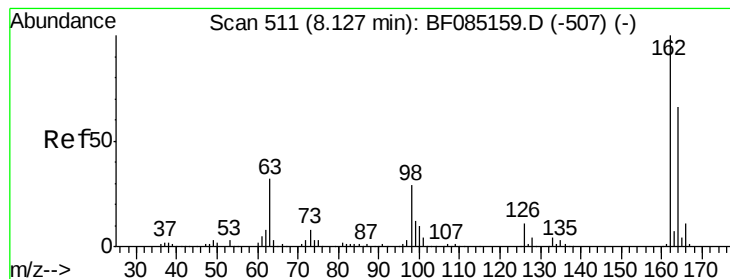


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

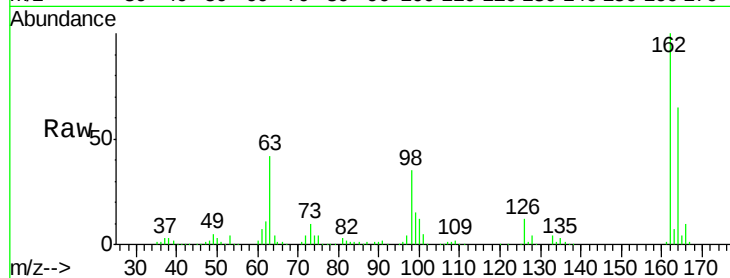




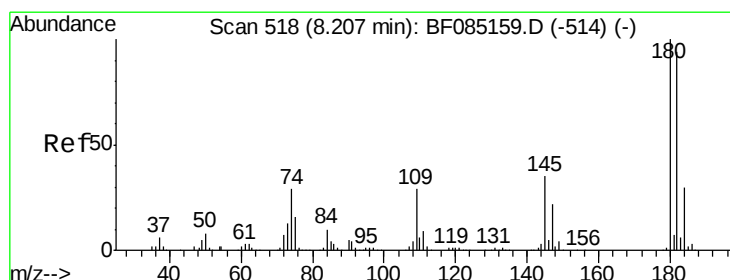
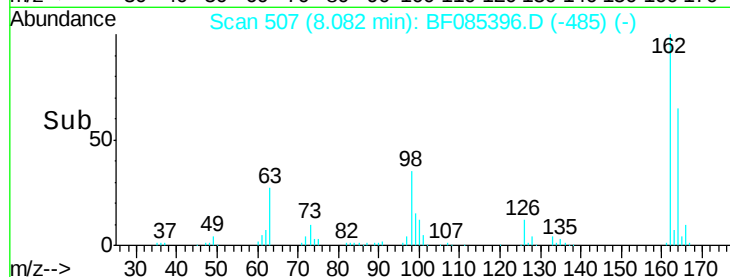
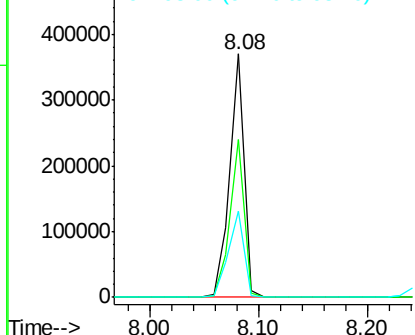
#29
 2,4-Dichlorophenol
 Concen: 44.24 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleID :
 PB88821BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	338606		
164	64.8	45.7	85.7	
98	35.4	9.4	49.4	

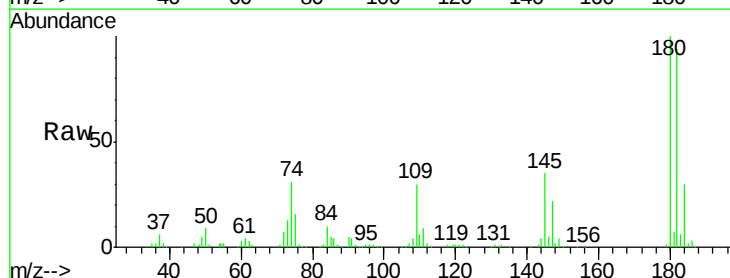


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

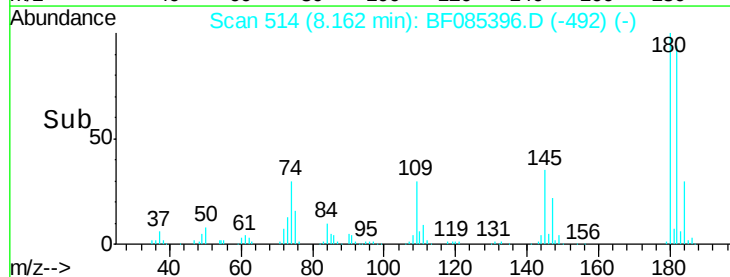
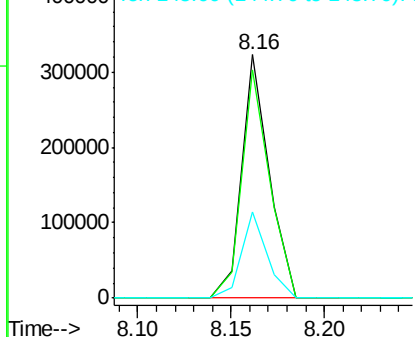


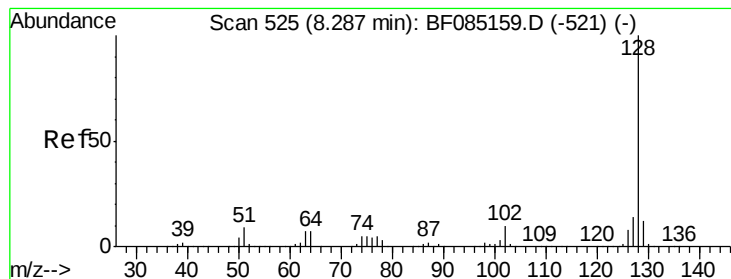
#30
 1,2,4-Trichlorobenzene
 Concen: 39.90 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	330190		
182	93.5	74.9	112.3	
145	35.1	27.9	41.9	



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: 39.03 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

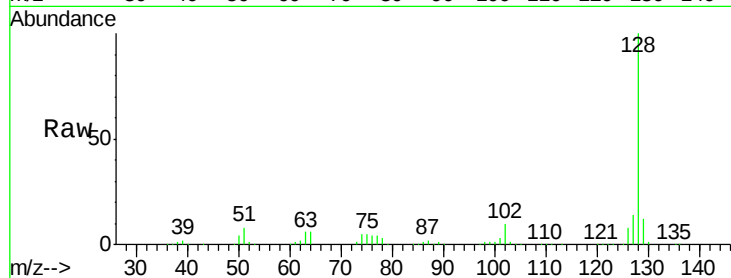
Tgt Ion:128 Resp: 1078844

Ion Ratio Lower Upper

128 100

129 11.7 9.7 14.5

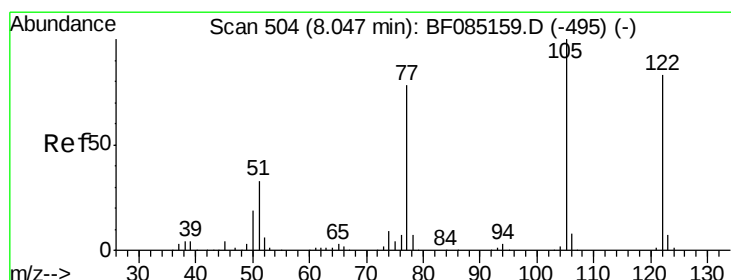
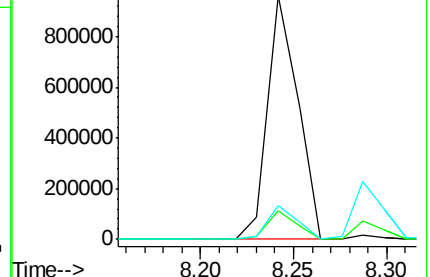
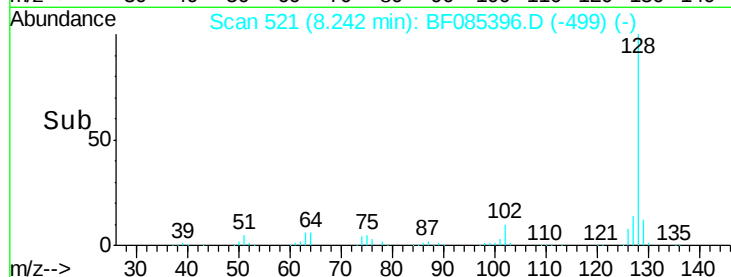
127 13.6 11.2 16.8



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: 37.26 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

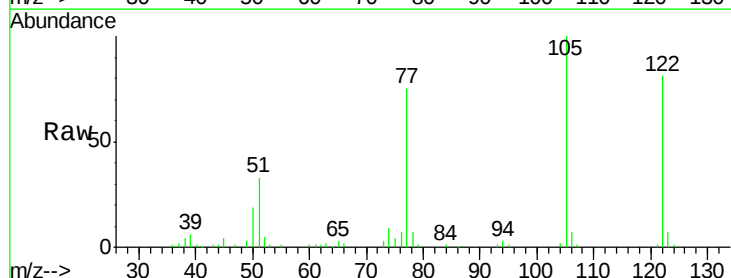
Tgt Ion:122 Resp: 234925

Ion Ratio Lower Upper

122 100

105 123.5 101.3 141.3

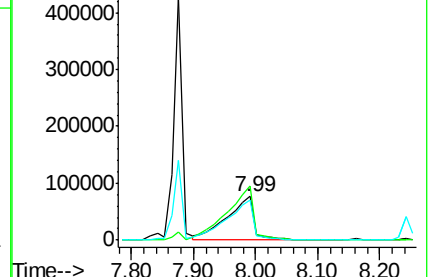
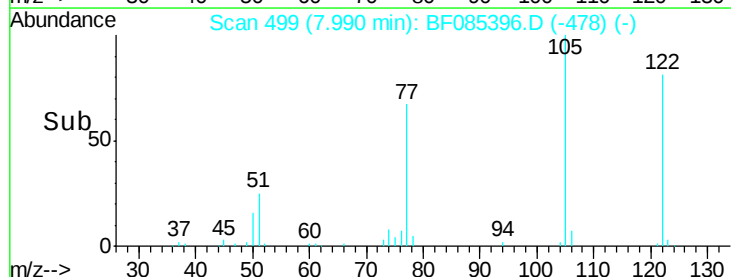
77 93.1 74.7 114.7

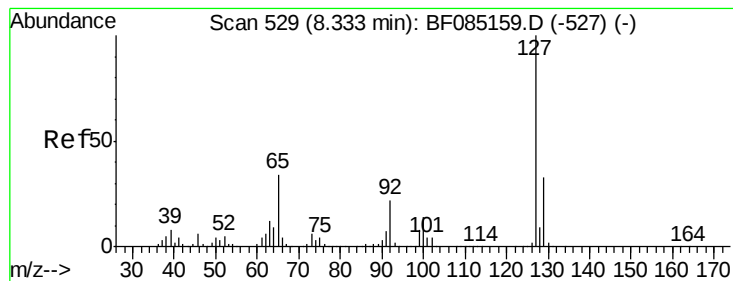


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.99 ng

RT: 8.29 min Scan# 525

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

Tgt Ion:127 Resp: 257032

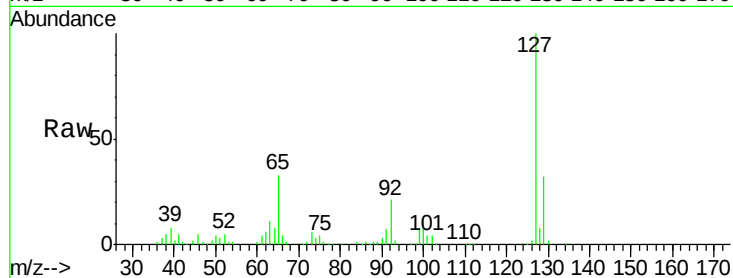
Ion Ratio Lower Upper

127 100

129 32.3 26.1 39.1

65 32.9 27.0 40.6

92 20.9 17.4 26.0

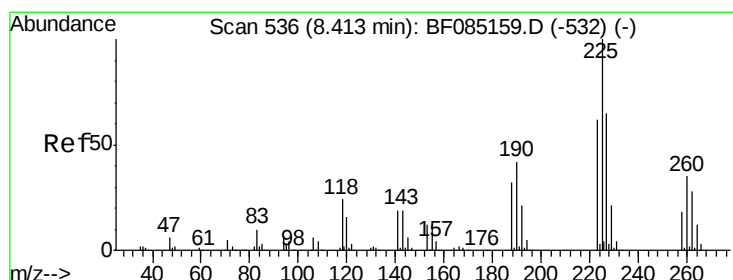
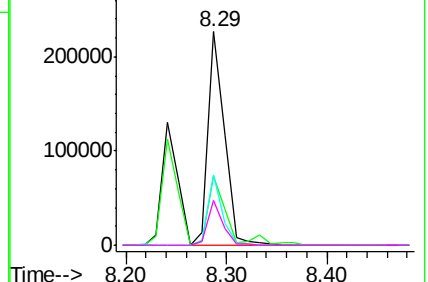
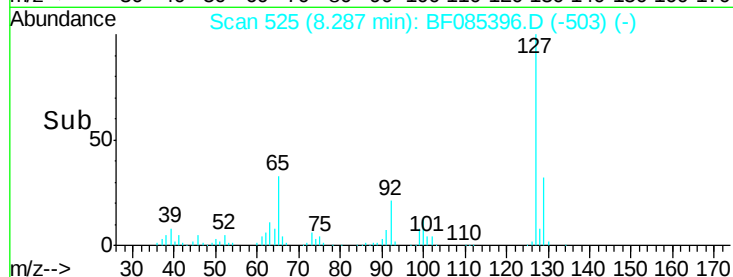


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 41.98 ng

RT: 8.37 min Scan# 532

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

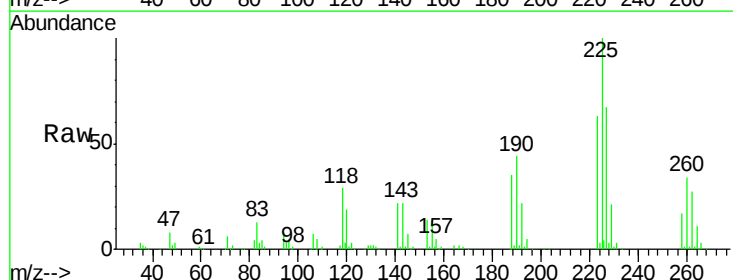
Tgt Ion:225 Resp: 180784

Ion Ratio Lower Upper

225 100

223 63.3 49.7 74.5

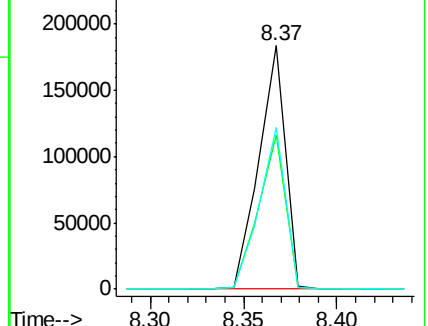
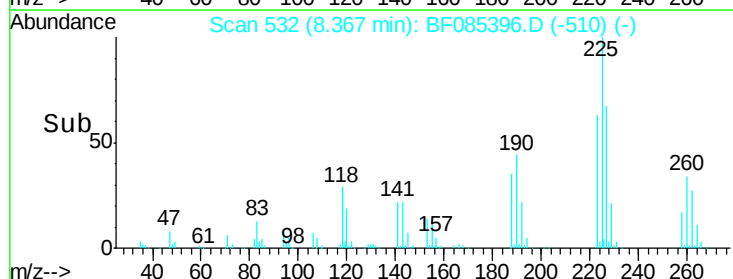
227 66.5 52.2 78.4

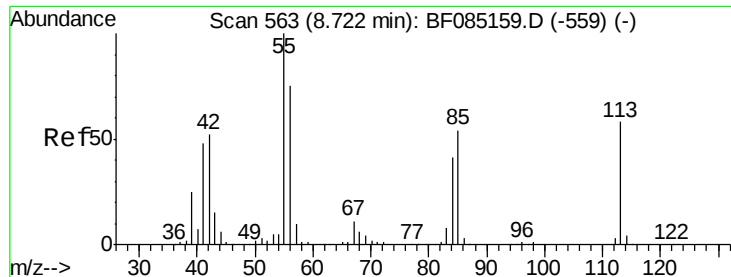


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

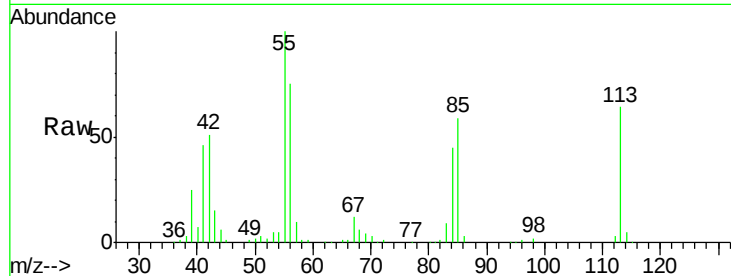




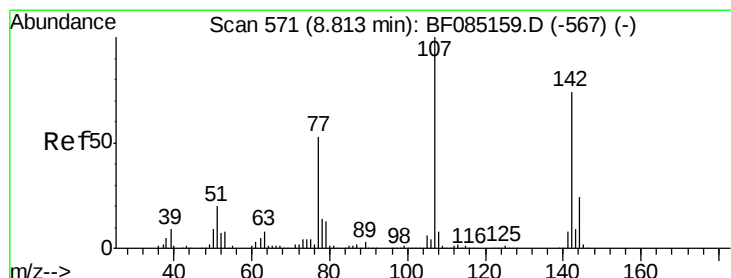
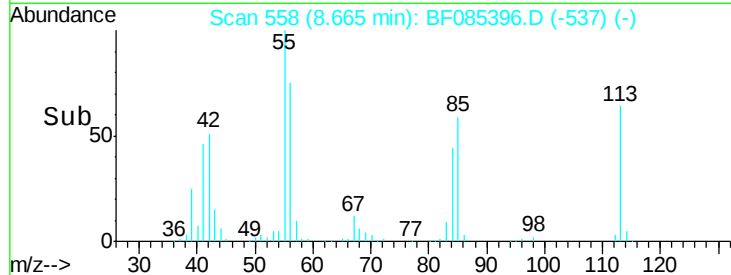
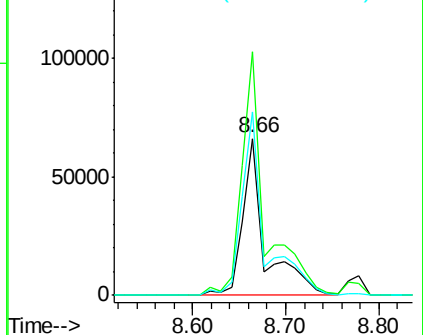
#35
 Caprolactam
 Concen: 44.19 ng
 RT: 8.66 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion:113 Resp: 110465
 Ion Ratio Lower Upper
 113 100
 55 155.5 152.7 192.7
 56 116.9 109.0 149.0

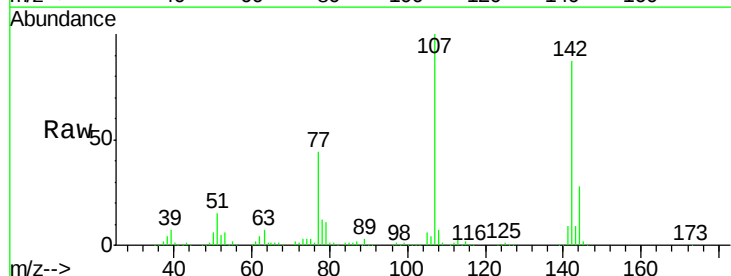


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

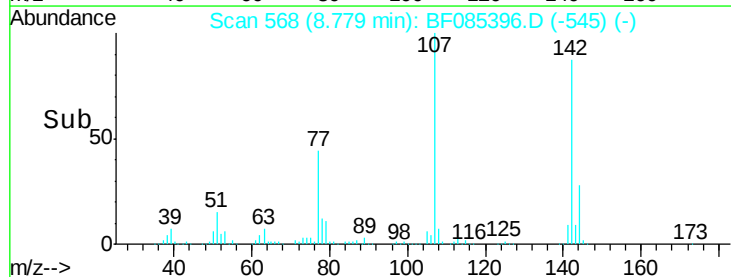
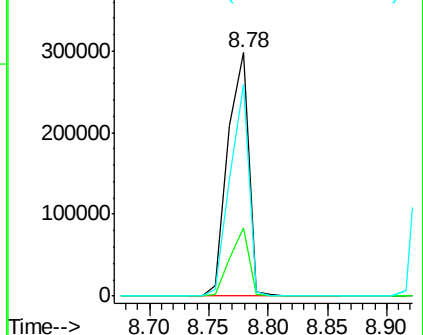


#36
 4-Chloro-3-methylphenol
 Concen: 41.62 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:107 Resp: 361464
 Ion Ratio Lower Upper
 107 100
 144 28.1 19.4 29.2
 142 86.7 59.4 89.2



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

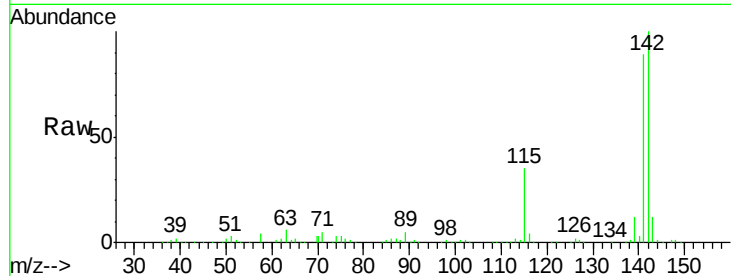




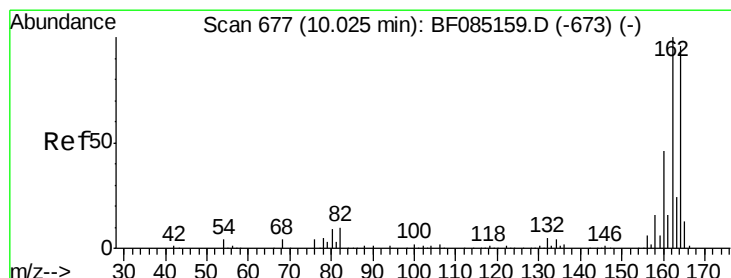
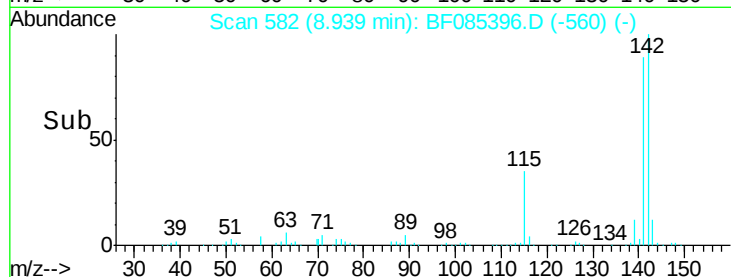
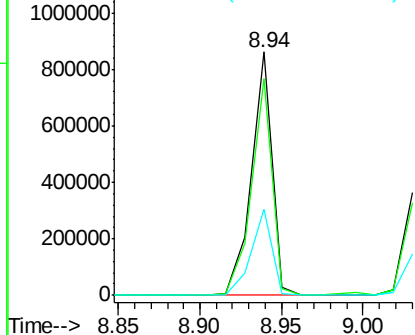
#37
 2-Methylnaphthalene
 Concen: 42.74 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion:142 Resp: 758263
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.7 107.5
 115 35.1 26.2 39.4

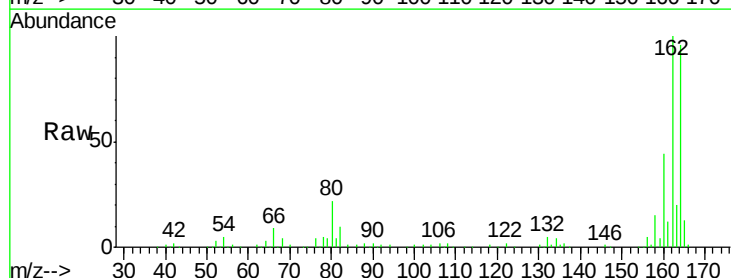


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

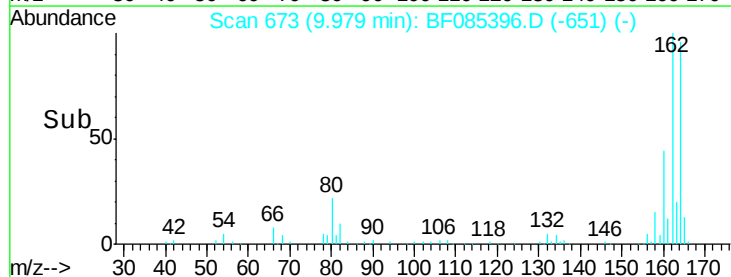
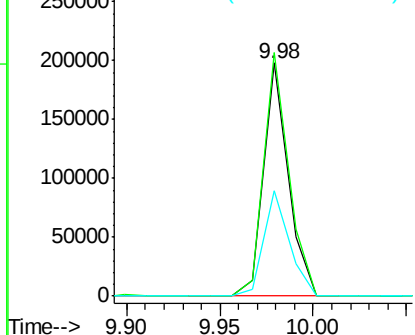


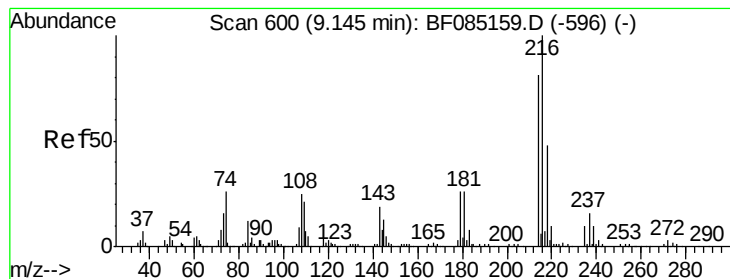
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:164 Resp: 179944
 Ion Ratio Lower Upper
 164 100
 162 104.5 83.3 124.9
 160 45.4 37.9 56.9



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: 57.11 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

Tgt Ion:216 Resp: 293882

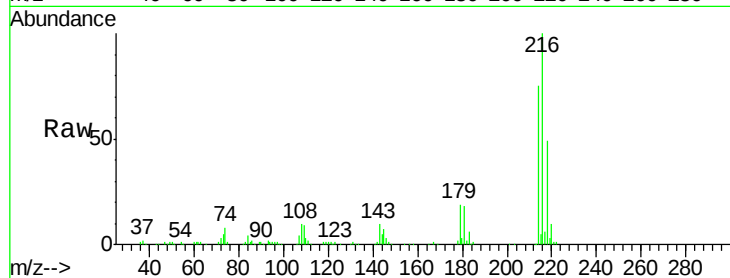
Ion Ratio Lower Upper

216 100

214 77.5 63.8 95.6

179 22.8 19.6 29.4

108 21.6 19.6 29.4

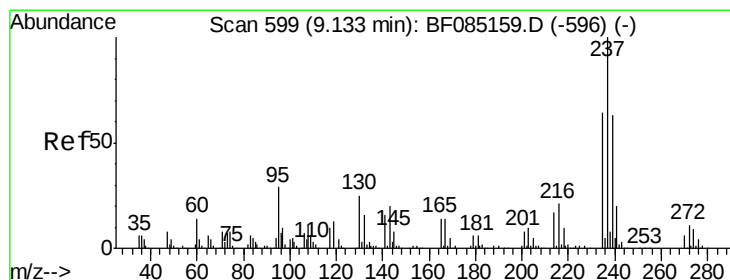
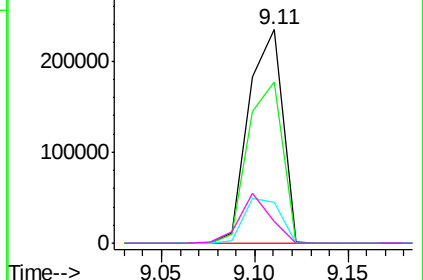
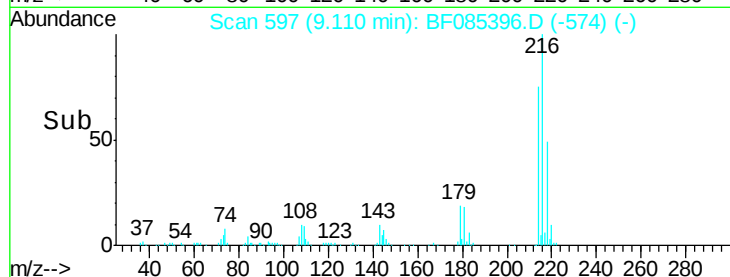


Abundance Ion 216.00 (215.70 to 216.70): E

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: 70.05 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

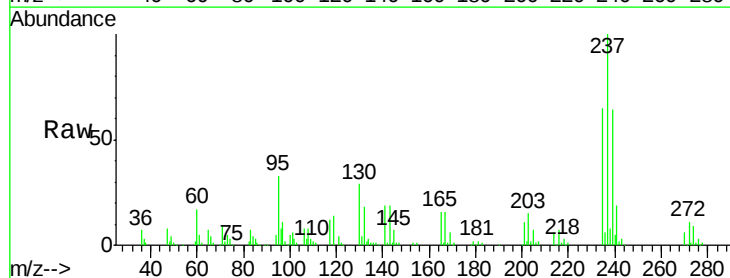
Tgt Ion:237 Resp: 194443

Ion Ratio Lower Upper

237 100

235 64.8 43.7 83.7

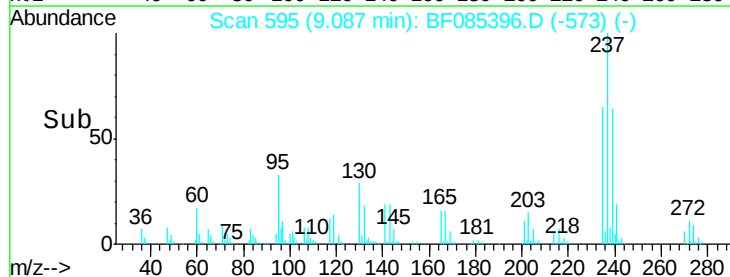
272 10.9 0.0 31.5



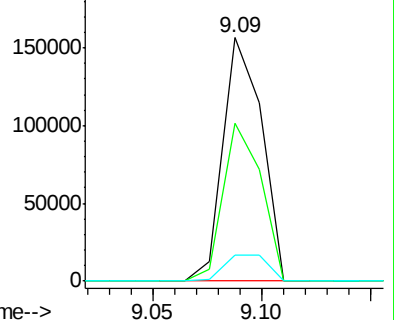
Abundance Ion 236.80 (236.50 to 237.50): E

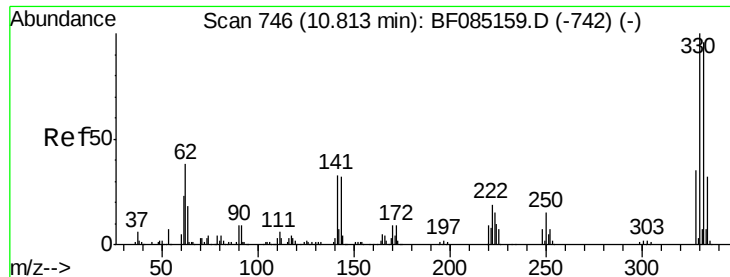
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

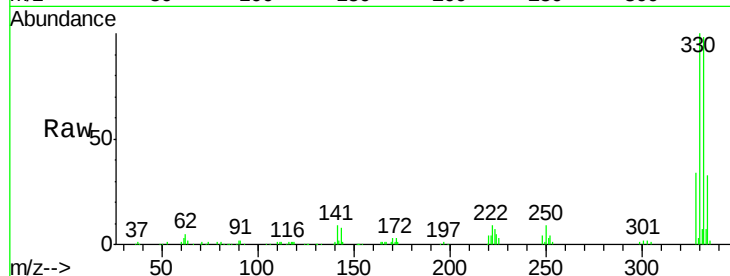




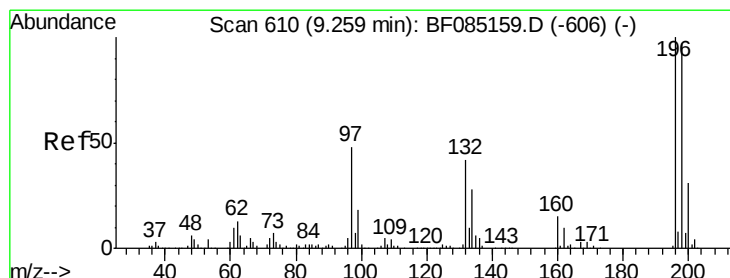
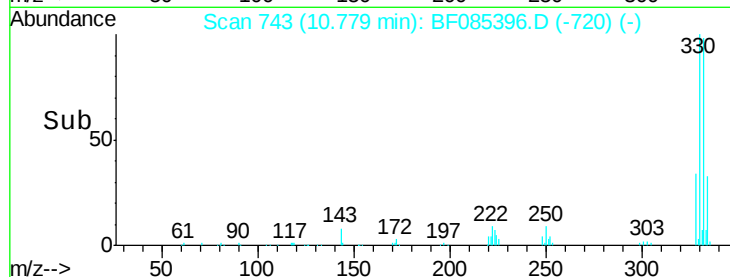
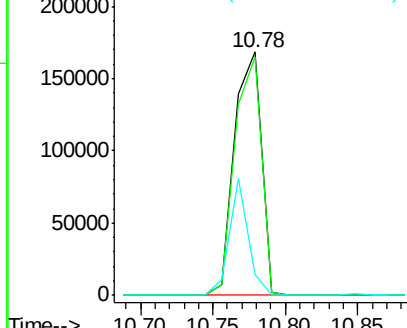
#41
 2,4,6-Tribromophenol
 Concen: 141.37 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion:330 Resp: 217672
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.1 115.7
 141 33.4 35.0 52.6#

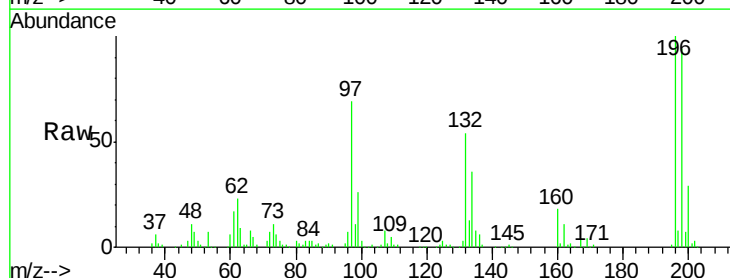


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

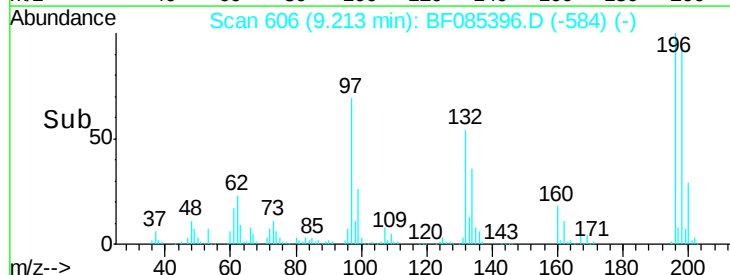
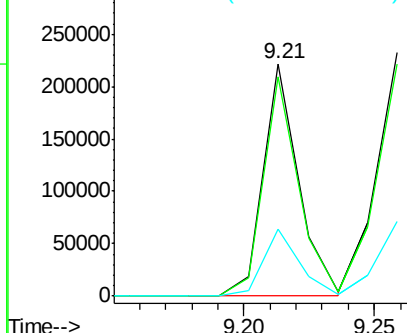


#42
 2,4,6-Trichlorophenol
 Concen: 54.09 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:196 Resp: 207190
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.8 116.6
 200 28.9 25.0 37.6



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

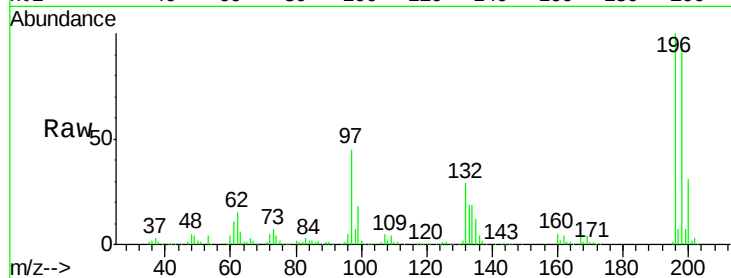




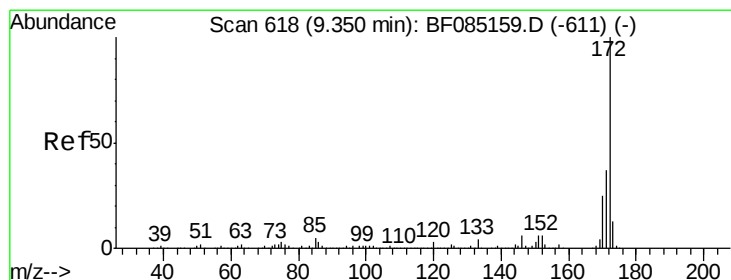
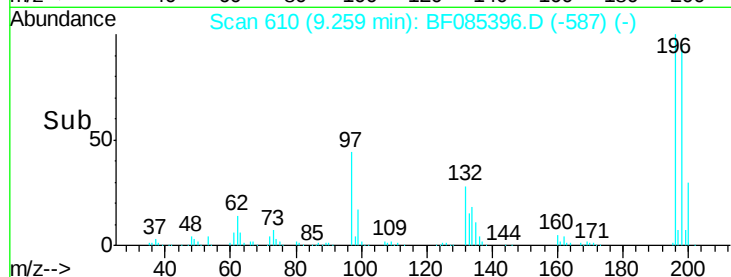
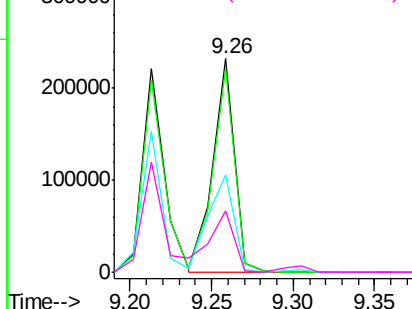
#43
 2,4,5-Trichlorophenol
 Concen: 59.53 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion:196 Resp: 216224
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 97 45.3 46.4 69.6#
 132 28.9 26.2 39.4

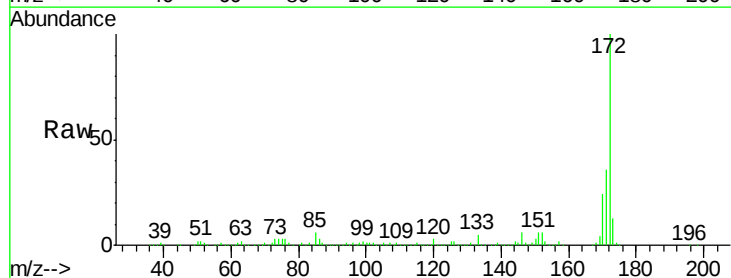


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

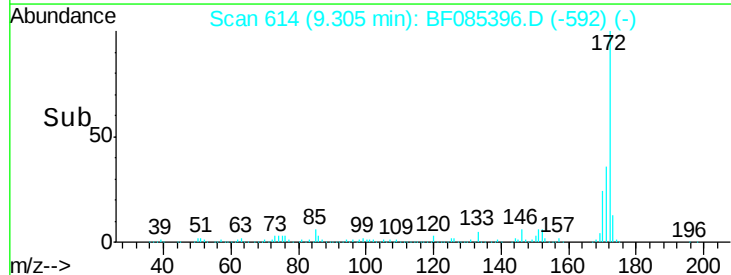
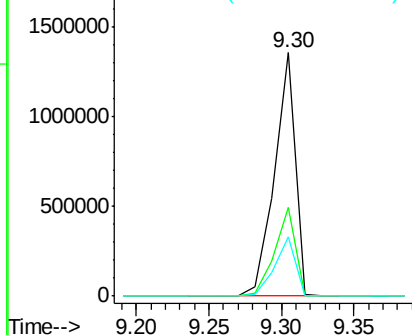


#44
 2-Fluorobiphenyl
 Concen: 114.10 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:172 Resp: 1349973
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.3 43.9
 170 24.5 20.0 30.0



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

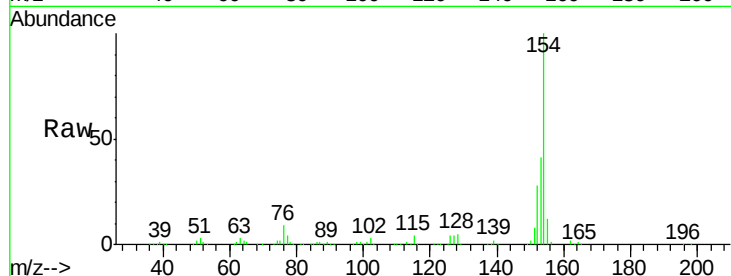




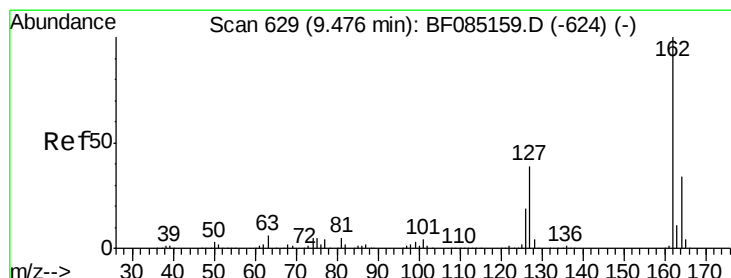
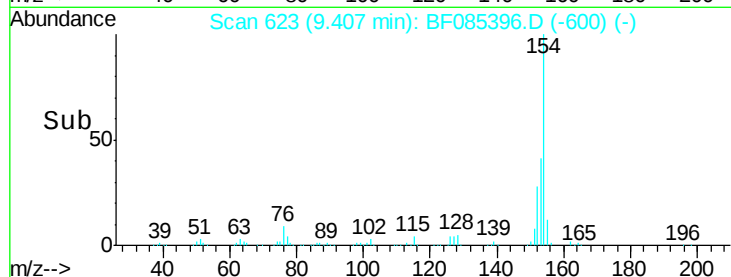
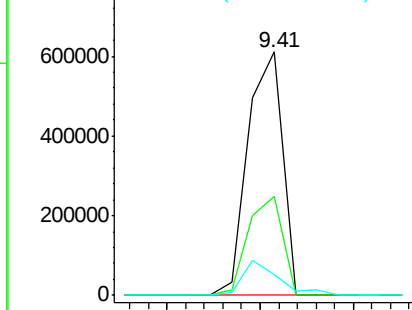
#45
 1,1'-Biphenyl
 Concen: 50.91 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion:154 Resp: 782631
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.4 61.4
 76 8.7 0.0 37.5

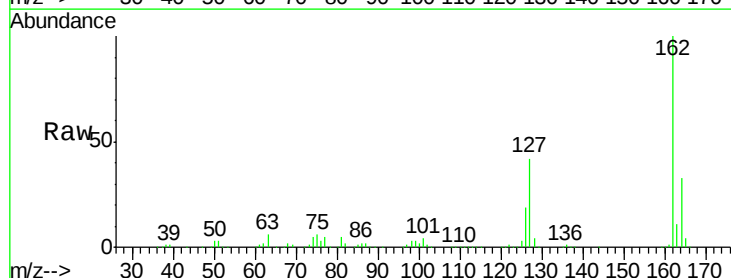


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

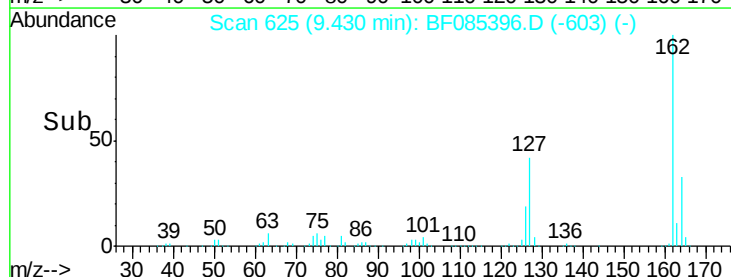
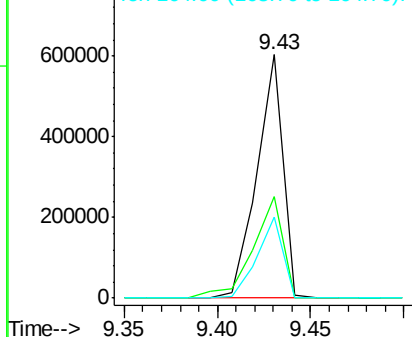


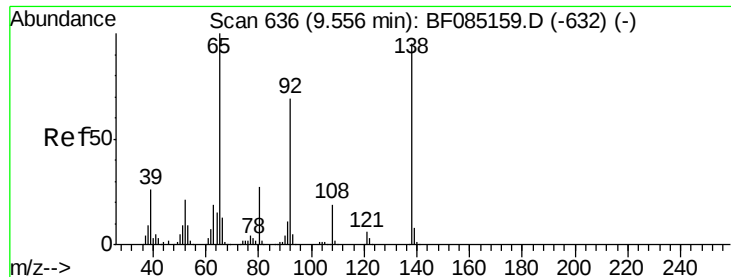
#46
 2-Chloronaphthalene
 Concen: 50.15 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:162 Resp: 587650
 Ion Ratio Lower Upper
 162 100
 127 41.7 31.6 47.4
 164 33.4 27.1 40.7



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

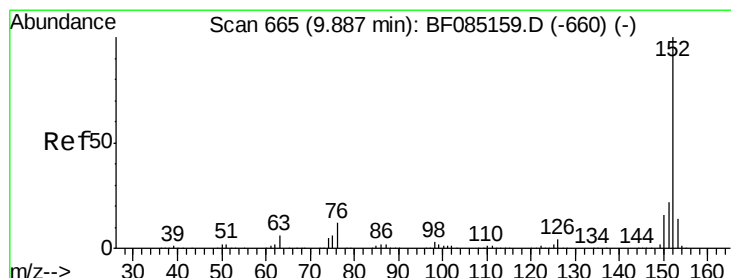
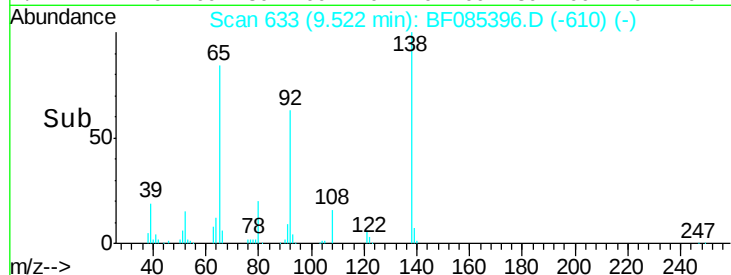
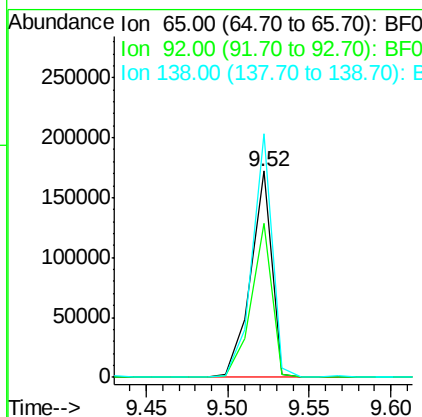
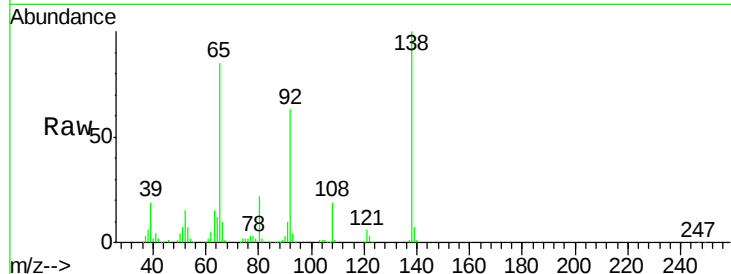




#47
2-Nitroaniline
Concen: 42.68 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

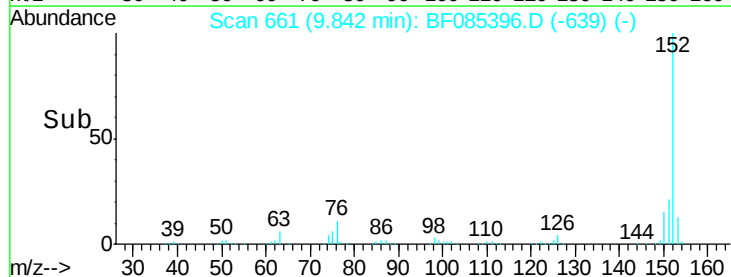
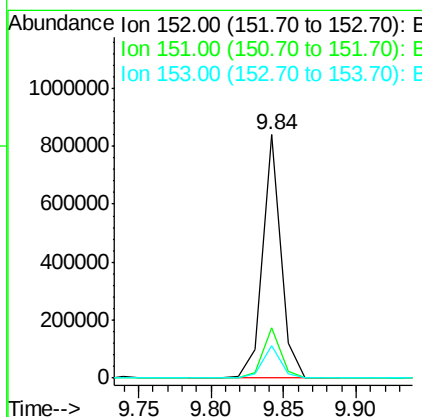
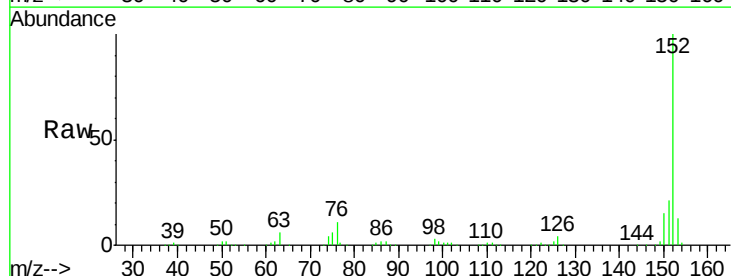
Instrument :
BNA_F
ClientSampleId :
PB88821BS

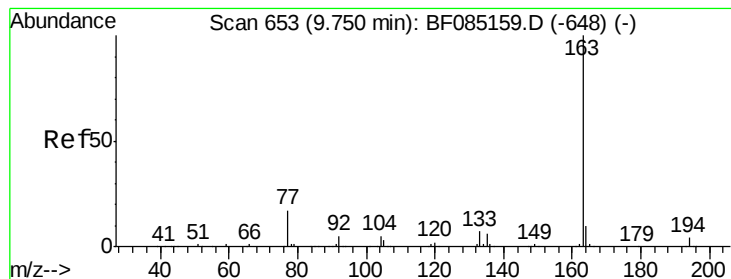
Tgt Ion: 65 Resp: 154999
Ion Ratio Lower Upper
65 100
92 74.5 55.4 83.2
138 118.2 75.7 113.5#



#48
Acenaphthylene
Concen: 40.12 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion: 152 Resp: 731792
Ion Ratio Lower Upper
152 100
151 20.7 17.5 26.3
153 13.3 11.3 16.9





#49

Dimethylphthalate

Concen: 44.27 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

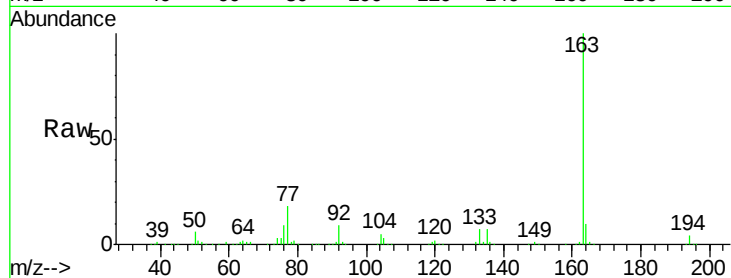
Tgt Ion:163 Resp: 611476

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

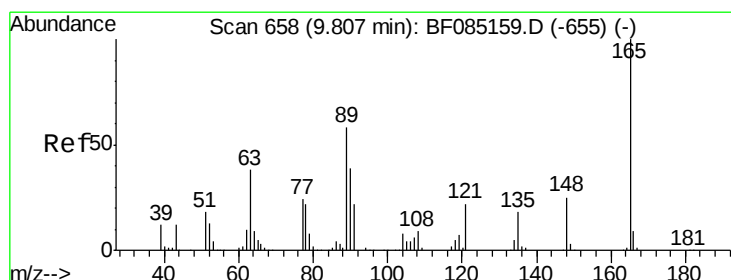
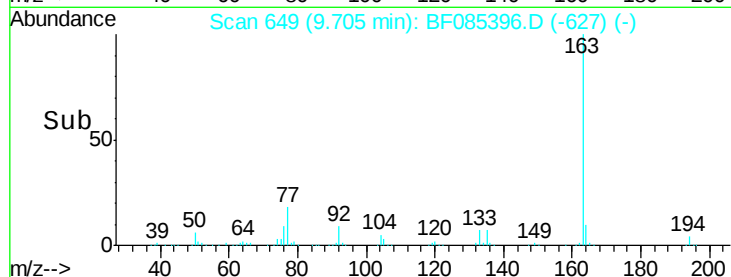
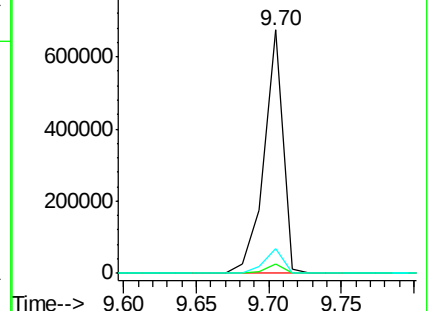
164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.35 ng

RT: 9.76 min Scan# 654

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

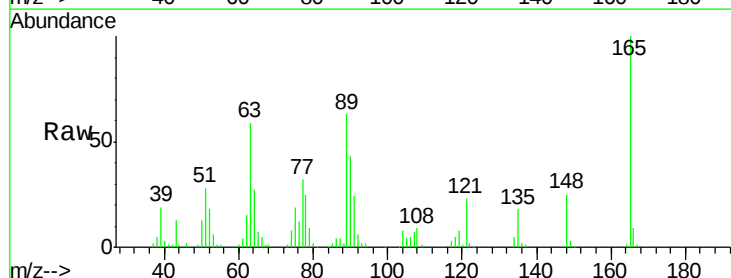
Tgt Ion:165 Resp: 116273

Ion Ratio Lower Upper

165 100

63 58.8 41.8 62.8

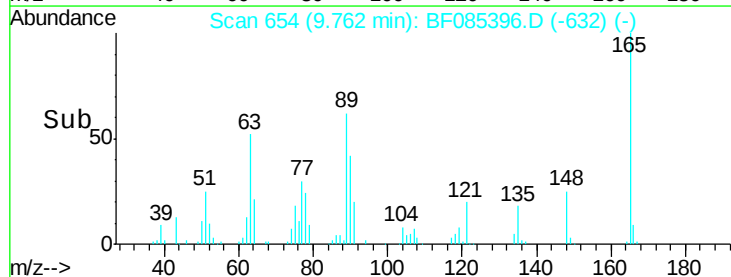
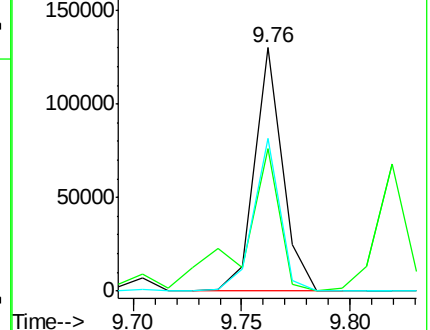
89 62.7 46.7 70.1



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: 42.61 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

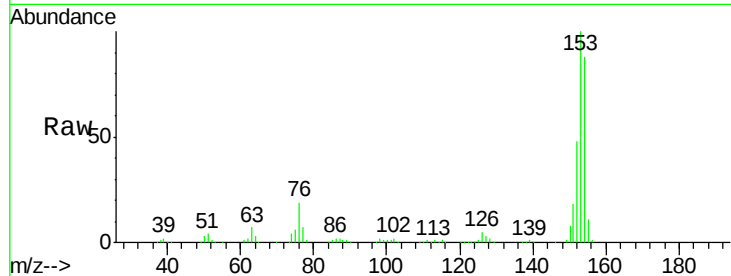
Tgt Ion:154 Resp: 471836

Ion Ratio Lower Upper

154 100

153 114.1 89.8 134.8

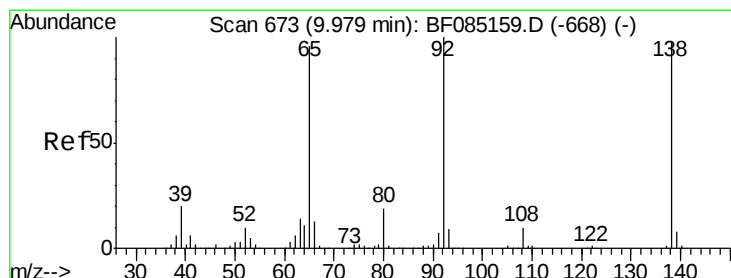
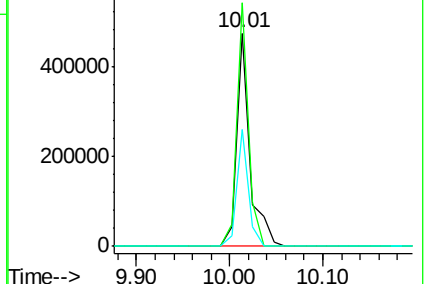
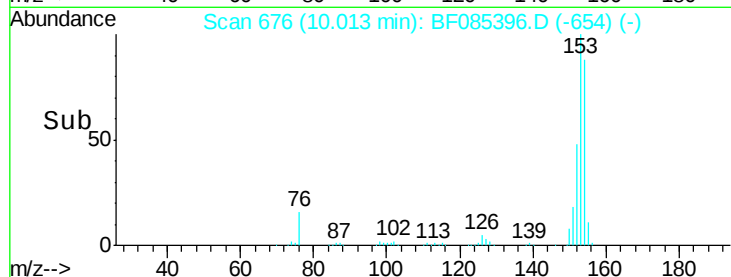
152 54.9 44.6 66.8



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: 30.81 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

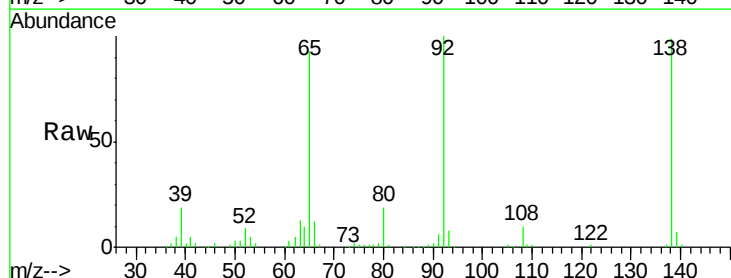
Tgt Ion:138 Resp: 108902

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

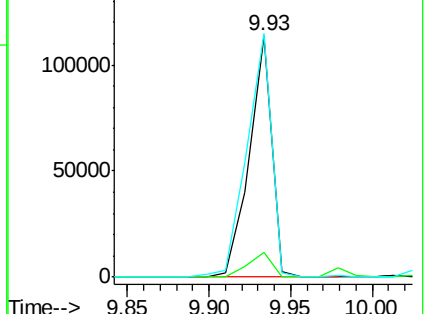
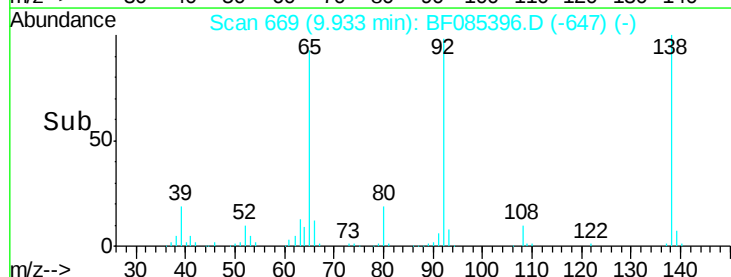
92 100.8 81.3 121.9

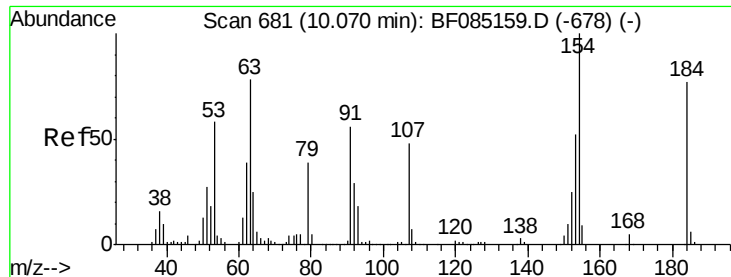


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

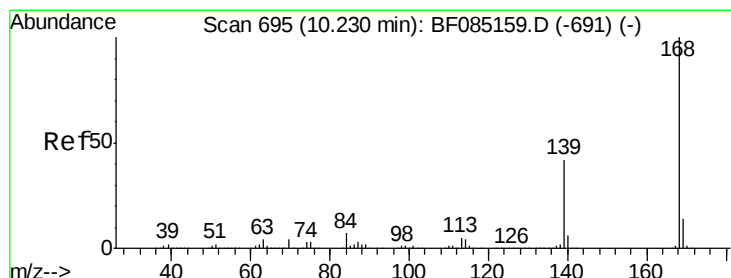
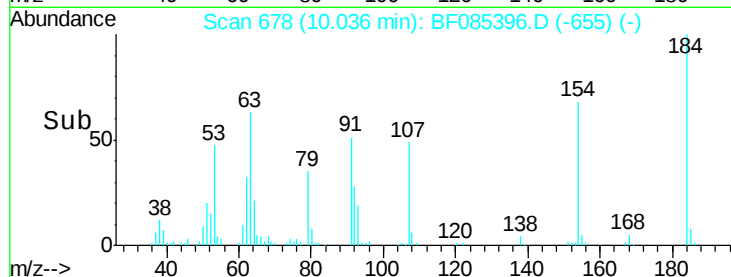
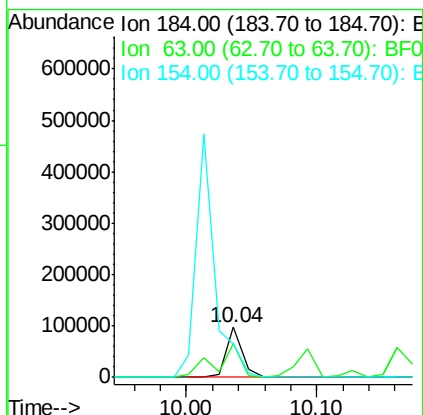
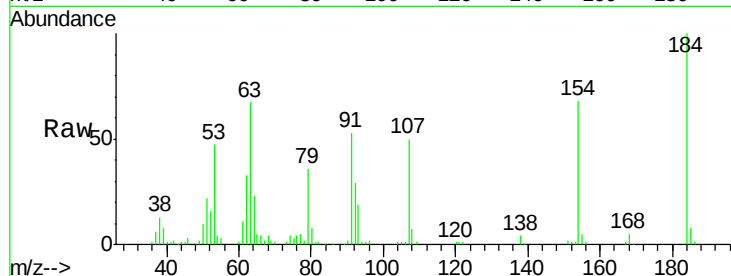




#53
 2,4-Dinitrophenol
 Concen: 58.97 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

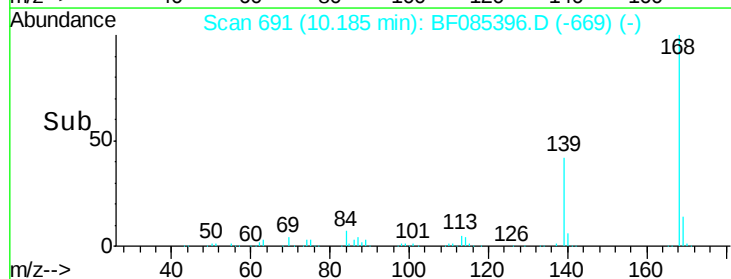
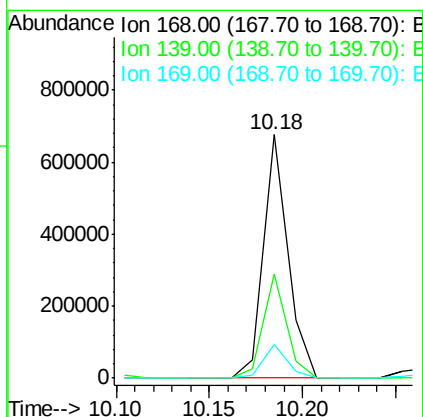
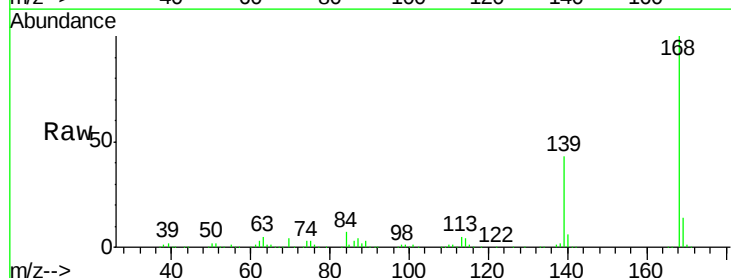
Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

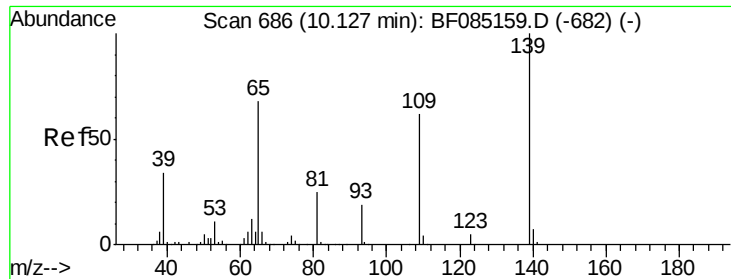
Tgt Ion:184 Resp: 84900
 Ion Ratio Lower Upper
 184 100
 63 67.4 82.2 123.4#
 154 68.3 108.9 163.3#



#54
 Dibenzofuran
 Concen: 42.22 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:168 Resp: 612558
 Ion Ratio Lower Upper
 168 100
 139 42.8 33.6 50.4
 169 13.6 11.2 16.8

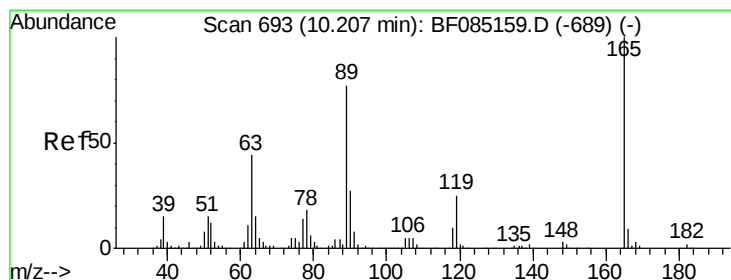
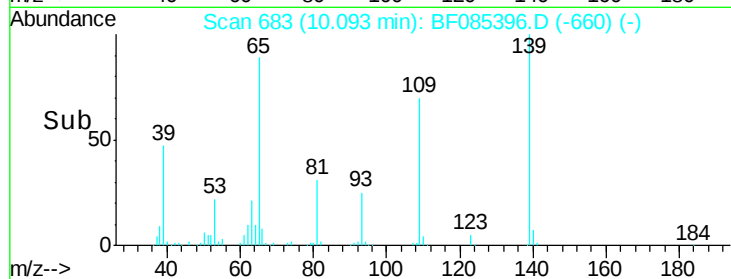
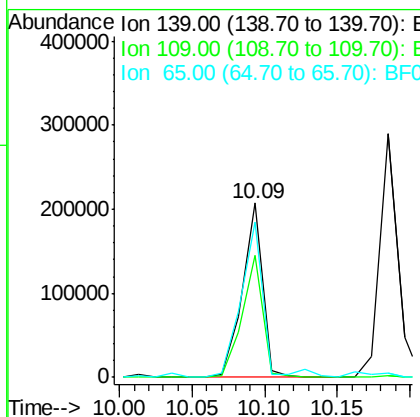
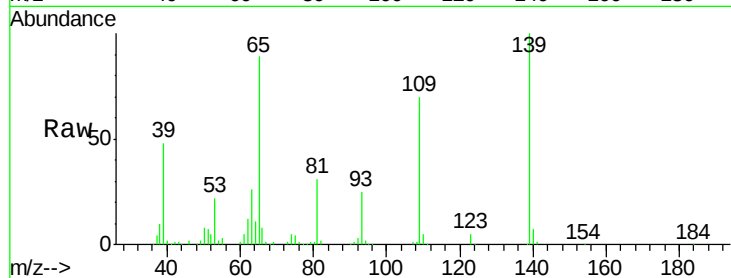




#55
4-Nitrophenol
Concen: 72.49 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

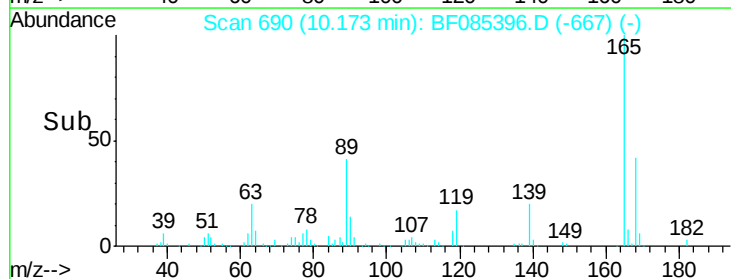
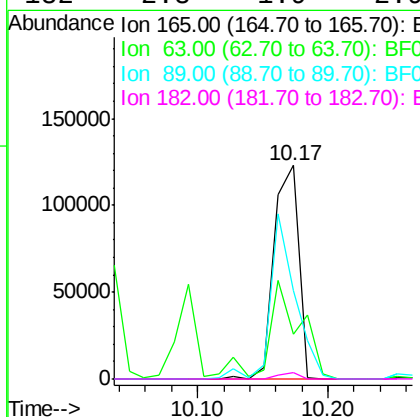
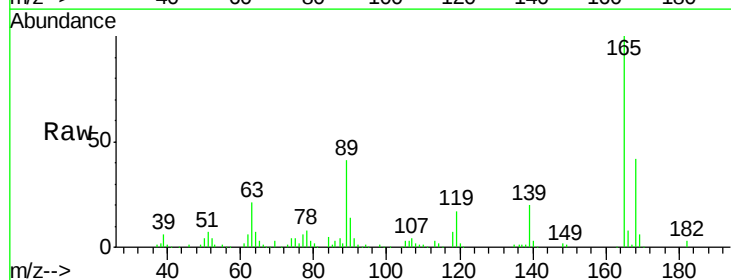
Instrument :
BNA_F
ClientSampleId :
PB88821BS

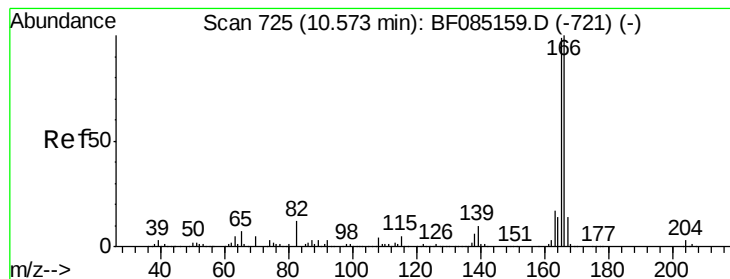
Tgt Ion:139 Resp: 201386
Ion Ratio Lower Upper
139 100
109 70.2 41.9 81.9
65 89.2 48.3 88.3#



#56
2,4-Dinitrotoluene
Concen: 43.28 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion:165 Resp: 163645
Ion Ratio Lower Upper
165 100
63 20.8 35.4 53.0#
89 41.4 61.9 92.9#
182 2.8 1.9 2.9





#57

Fluorene

Concen: 41.40 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

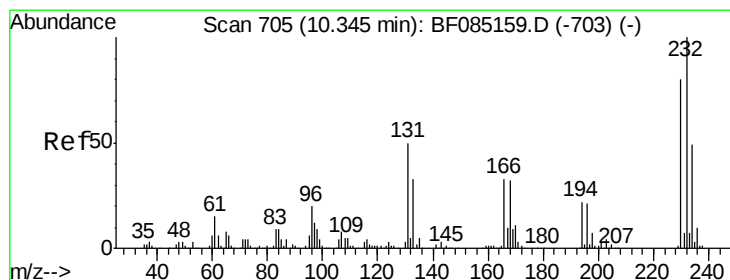
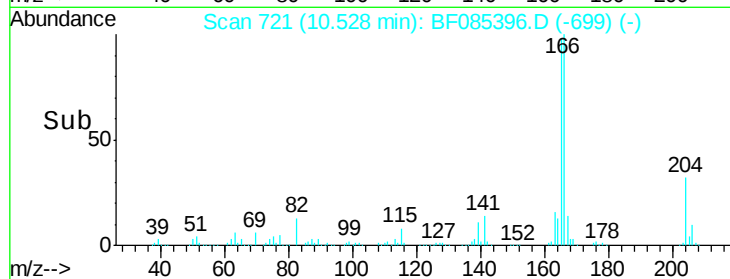
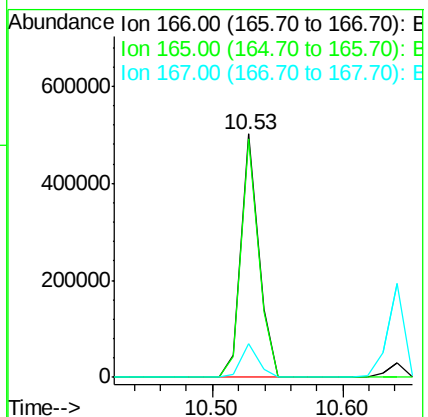
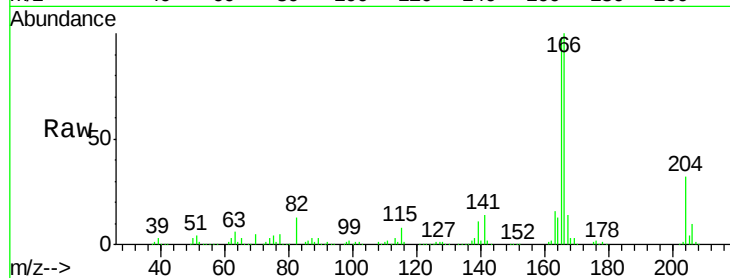
Tgt Ion:166 Resp: 471763

Ion Ratio Lower Upper

166 100

165 97.9 79.4 119.0

167 13.7 11.0 16.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.01 ng

RT: 10.30 min Scan# 701

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Tgt Ion:232 Resp: 119946

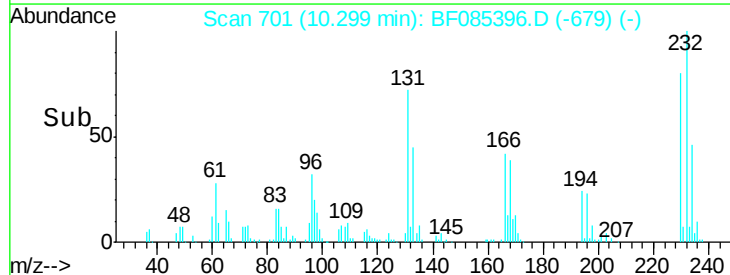
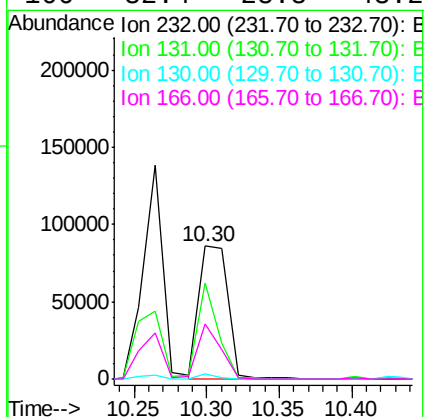
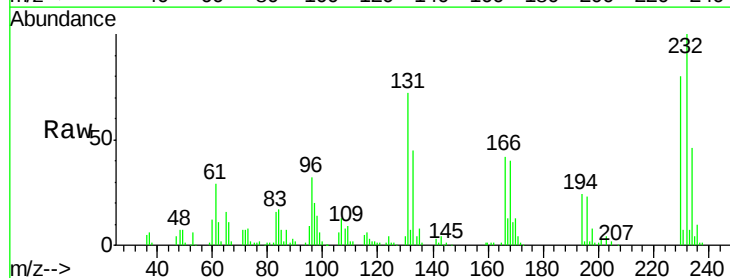
Ion Ratio Lower Upper

232 100

131 51.0 46.0 69.0

130 2.4 2.2 3.4

166 32.4 28.8 43.2

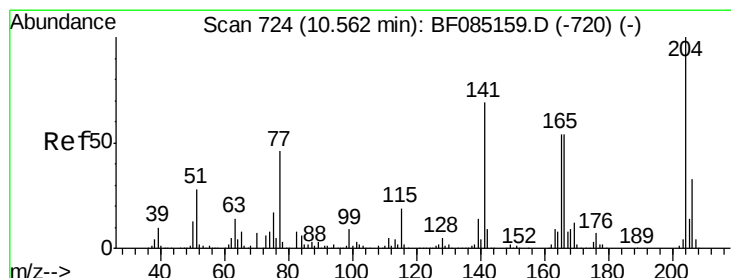
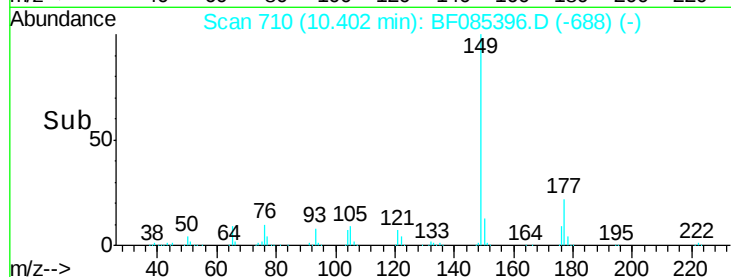
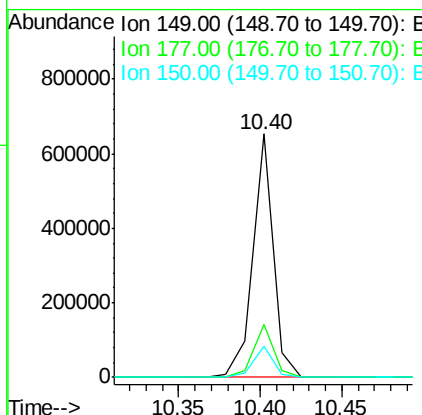
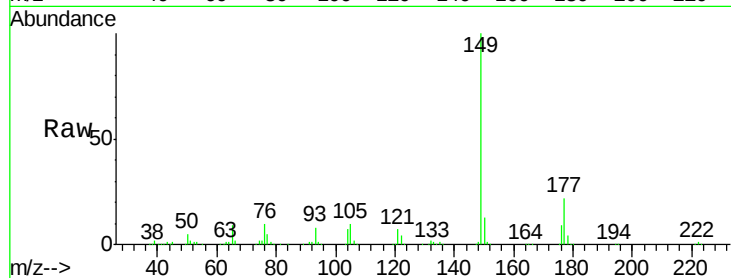




#59
Diethylphthalate
Concen: 42.20 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

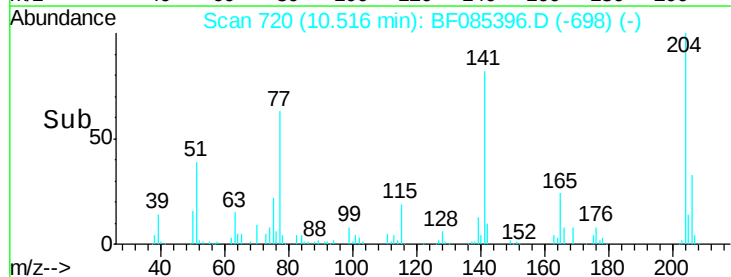
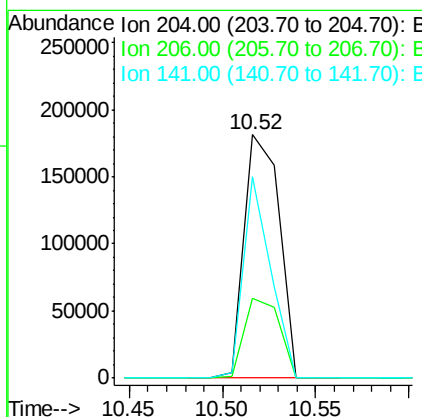
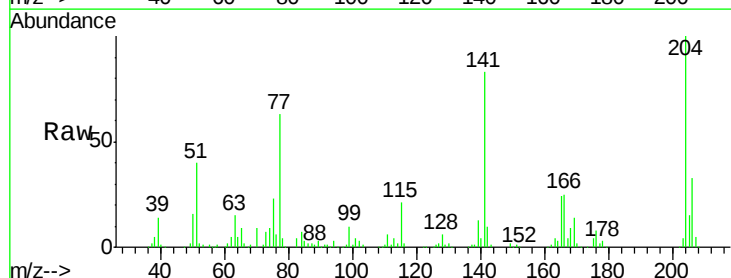
Instrument :
BNA_F
ClientSampleId :
PB88821BS

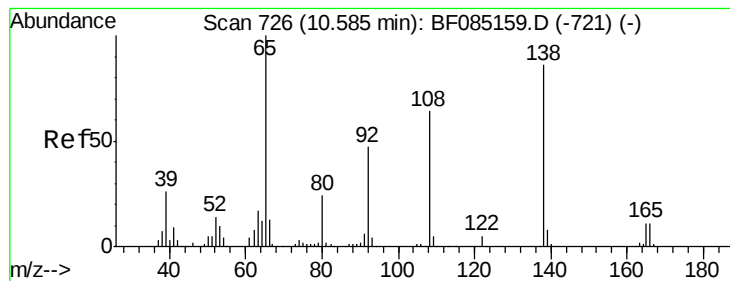
Tgt Ion:149 Resp: 565548
Ion Ratio Lower Upper
149 100
177 21.8 19.2 28.8
150 12.9 9.9 14.9



#60
4-Chlorophenyl-phenylether
Concen: 42.57 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion:204 Resp: 236054
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 83.0 55.4 83.2





#61

4-Nitroaniline

Concen: 37.74 ng

RT: 10.55 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

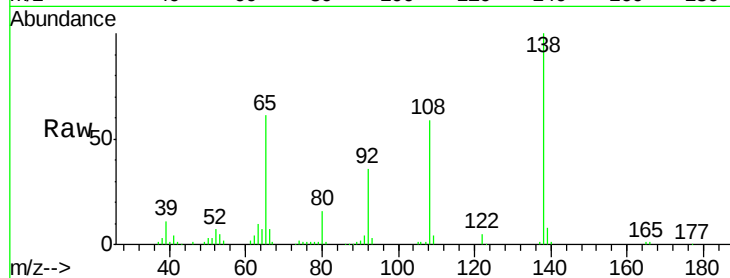
Tgt Ion:138 Resp: 124778

Ion Ratio Lower Upper

138 100

92 35.8 34.2 74.2

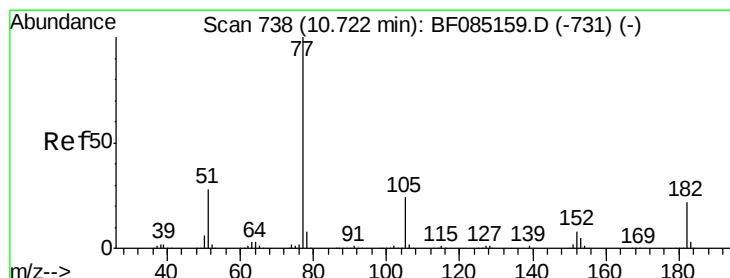
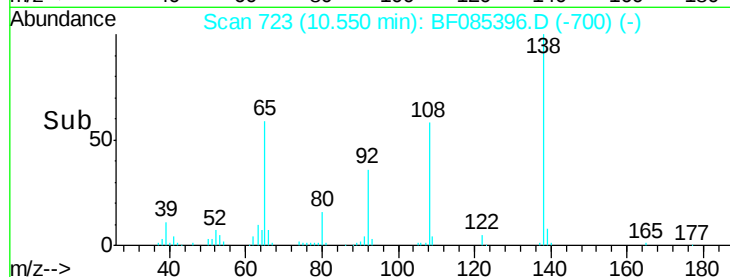
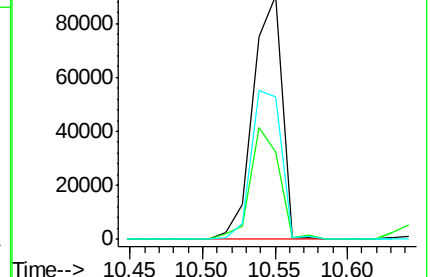
108 58.6 53.9 93.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.93 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Tgt Ion: 77 Resp: 540466

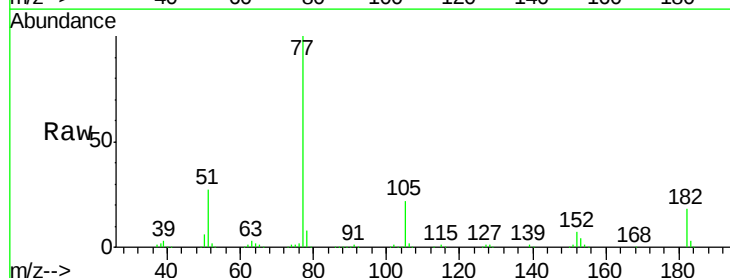
Ion Ratio Lower Upper

77 100

182 18.5 2.1 42.1

105 21.9 3.8 43.8

51 27.1 7.8 47.8

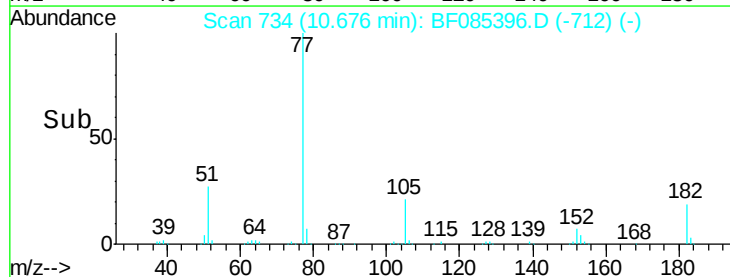
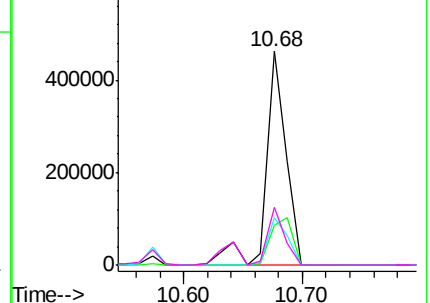


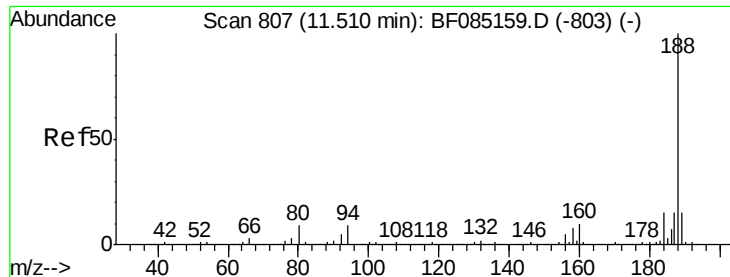
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

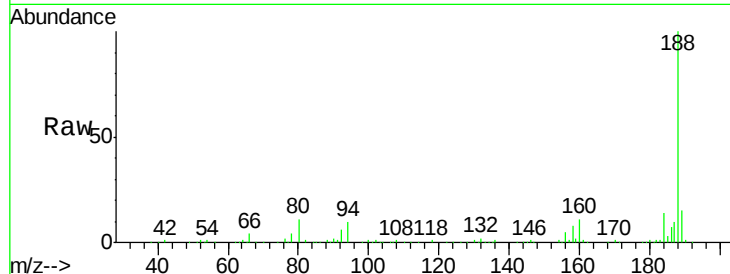




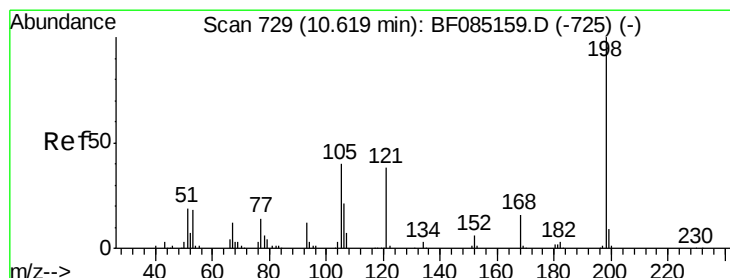
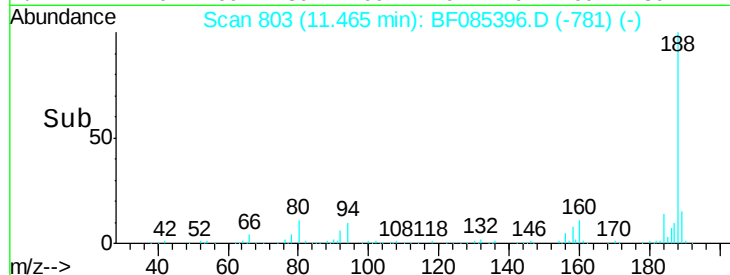
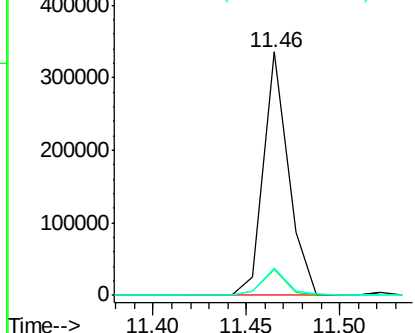
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB88821BS

Tgt Ion:188 Resp: 307645
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.3 7.4 11.0#

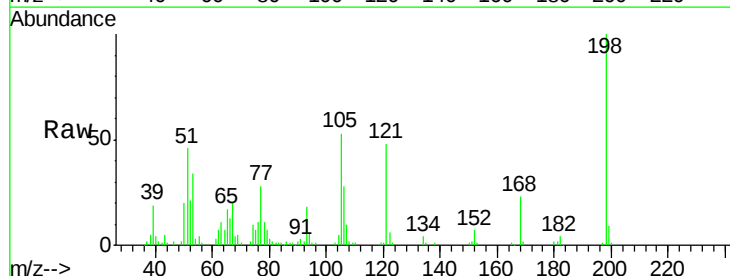


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

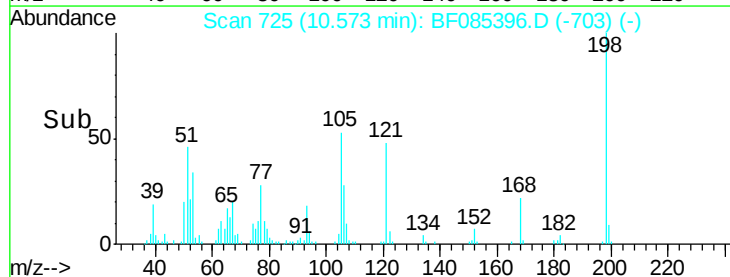
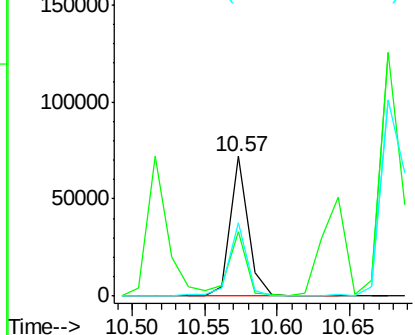


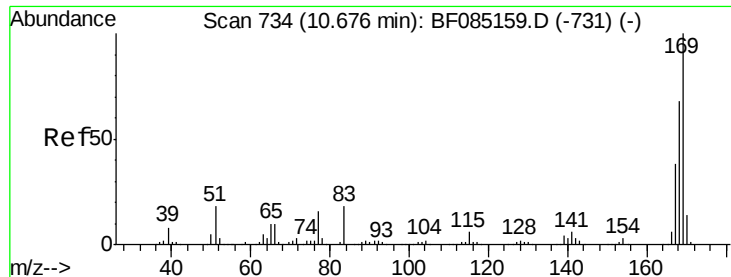
#64
4,6-Dinitro-2-methylphenol
Concen: 33.54 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion:198 Resp: 61784
Ion Ratio Lower Upper
198 100
51 46.1 9.5 49.5
105 52.5 20.5 60.5



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: 48.87 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

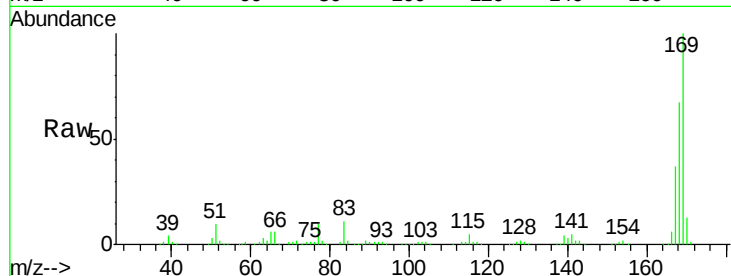
Tgt Ion:169 Resp: 467660

Ion Ratio Lower Upper

169 100

168 67.3 54.8 82.2

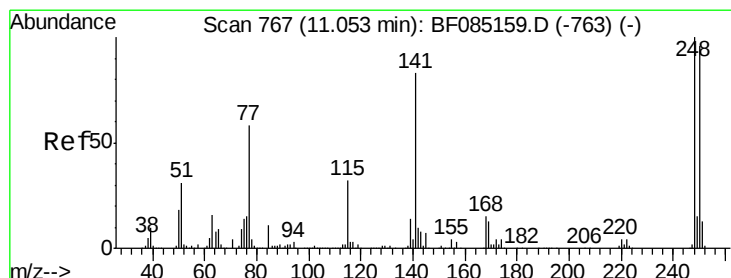
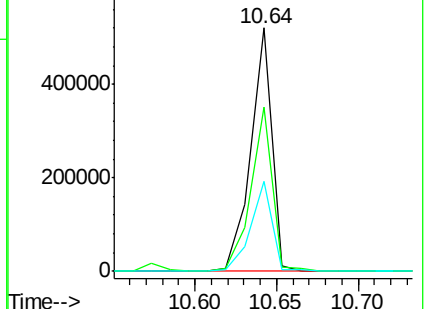
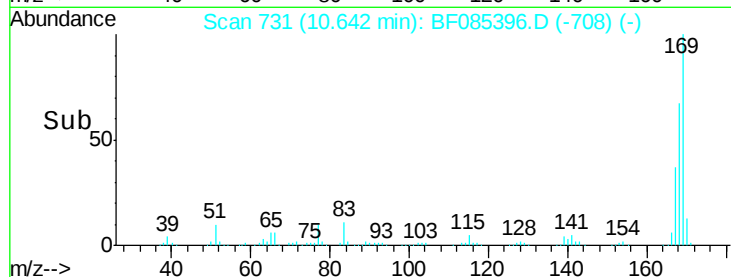
167 37.2 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.87 ng

RT: 11.01 min Scan# 763

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

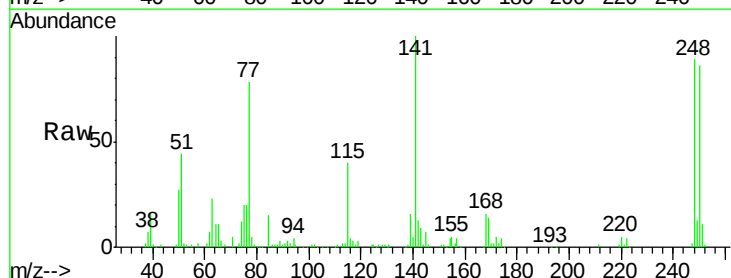
Tgt Ion:248 Resp: 137011

Ion Ratio Lower Upper

248 100

250 96.5 77.1 115.7

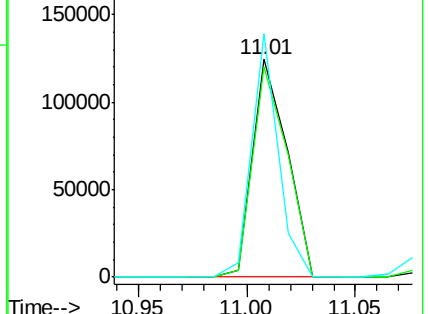
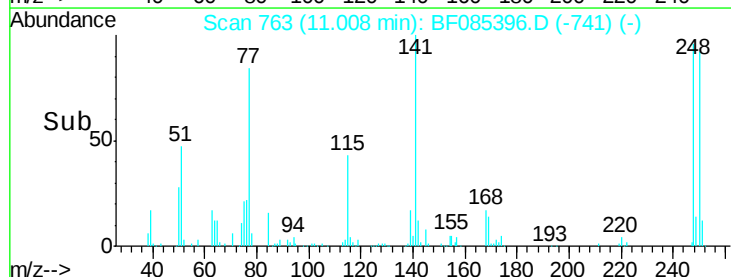
141 111.9 66.2 99.2#

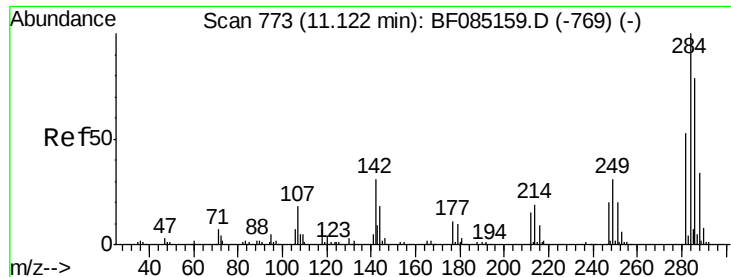


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

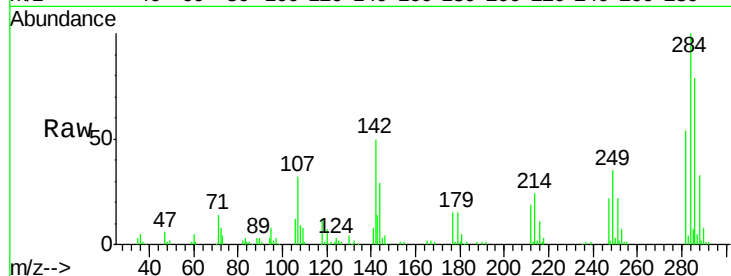




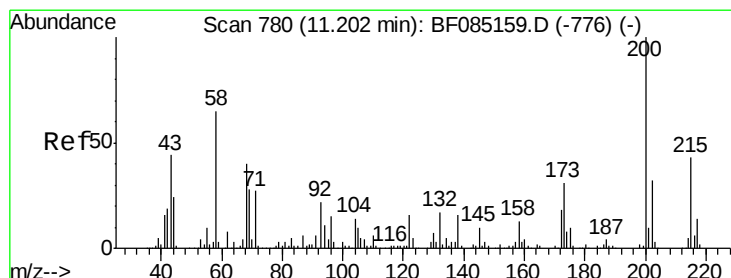
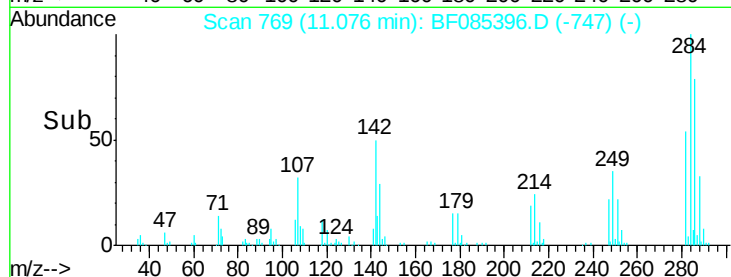
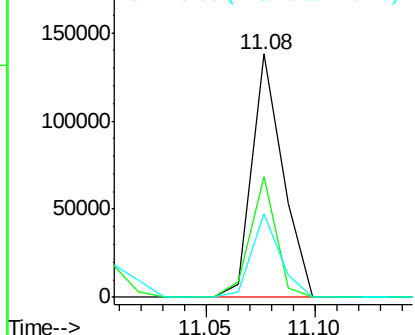
#67
Hexachlorobenzene
Concen: 42.70 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB88821BS

Tgt Ion:284 Resp: 136070
Ion Ratio Lower Upper
284 100
142 49.8 24.9 37.3#
249 34.6 25.0 37.4

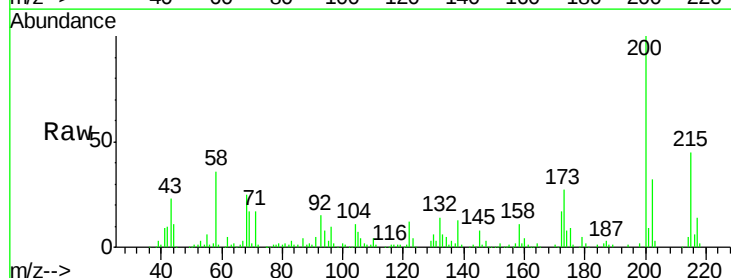


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

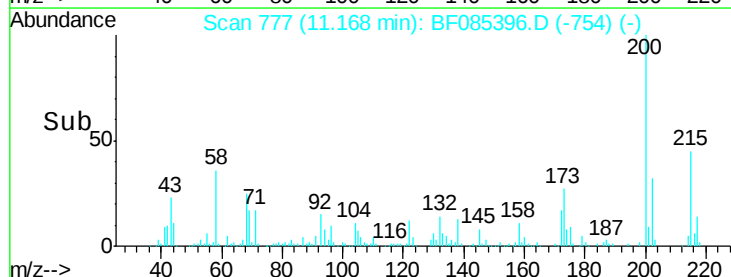
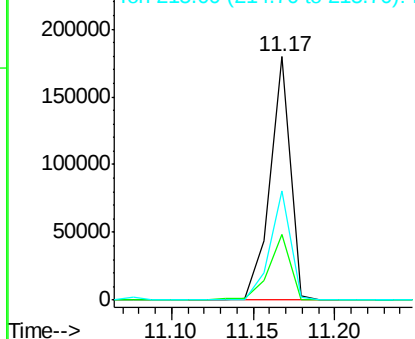


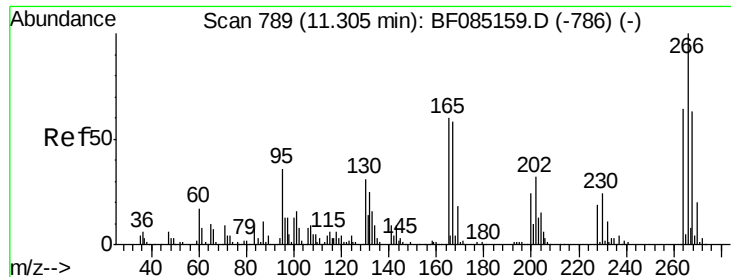
#68
Atrazine
Concen: 58.94 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion:200 Resp: 156859
Ion Ratio Lower Upper
200 100
173 27.1 10.5 50.5
215 44.8 23.4 63.4



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

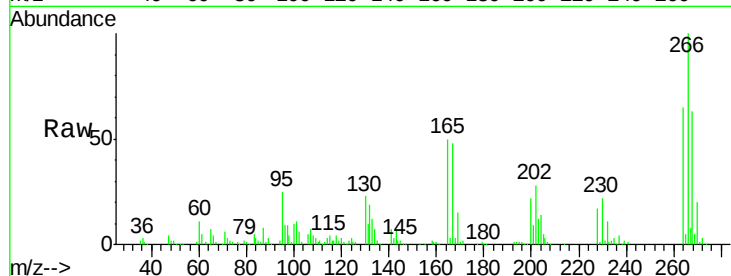




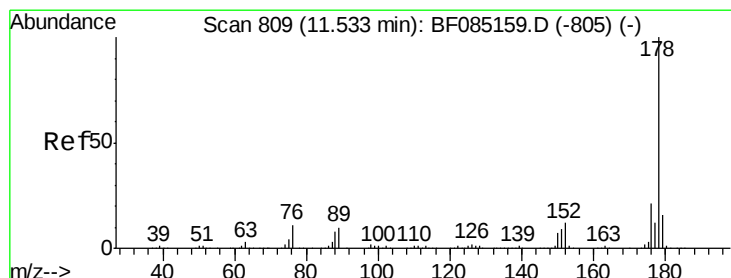
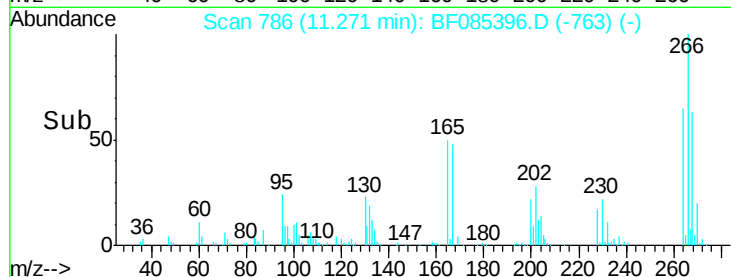
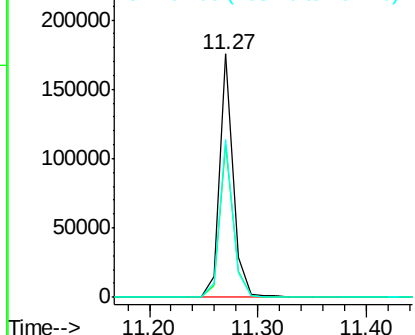
#69
 Pentachlorophenol
 Concen: 87.19 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion: 266 Resp: 154236
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.0 75.0
 264 64.7 51.4 77.2

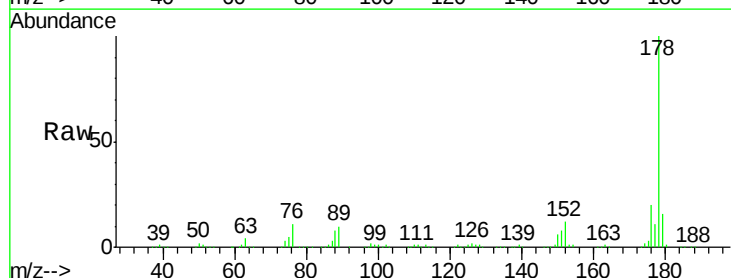


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

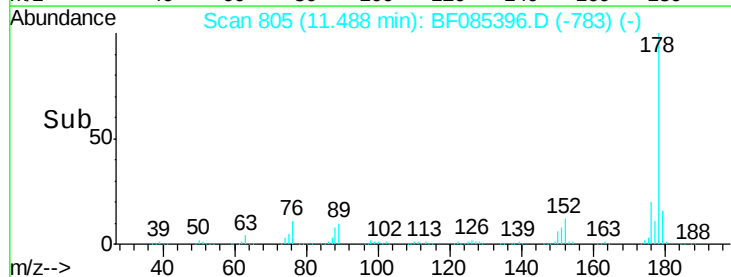
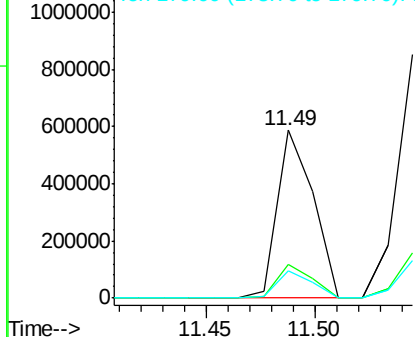


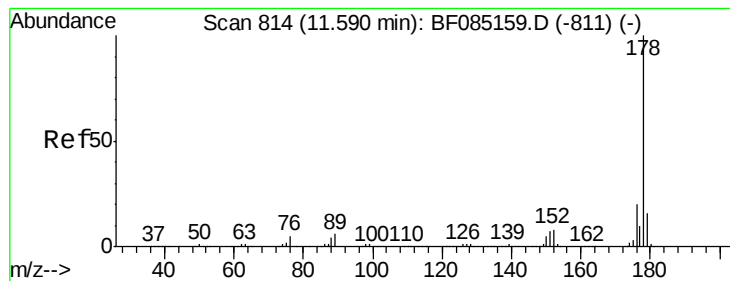
#70
 Phenanthrene
 Concen: 41.86 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion: 178 Resp: 674925
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.8 25.2
 179 15.9 13.1 19.7



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





#71

Anthracene

Concen: 42.90 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

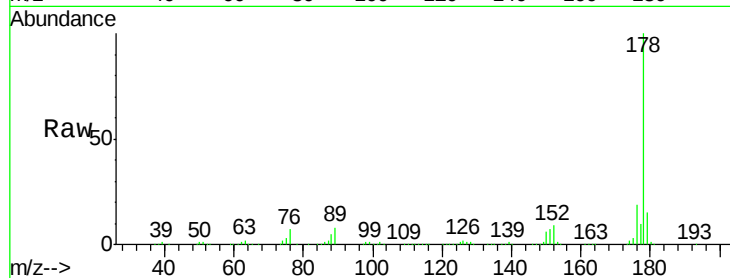
Tgt Ion:178 Resp: 734232

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

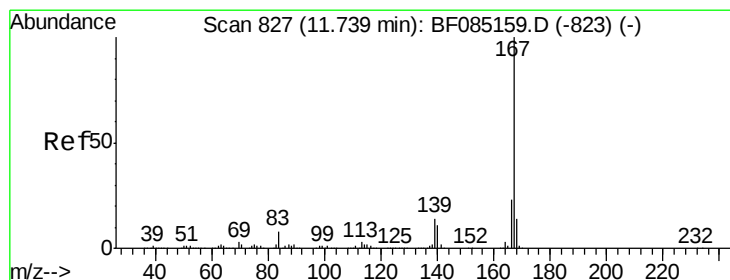
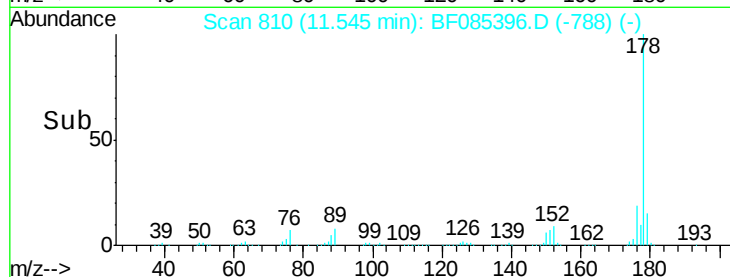
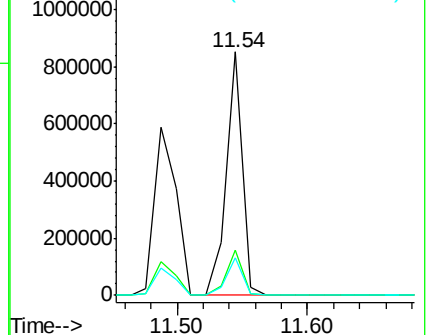
179 15.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.17 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

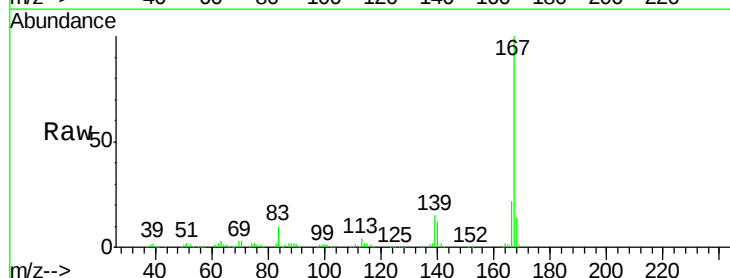
Tgt Ion:167 Resp: 557806

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

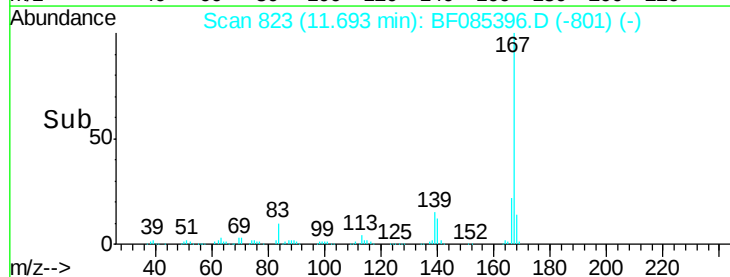
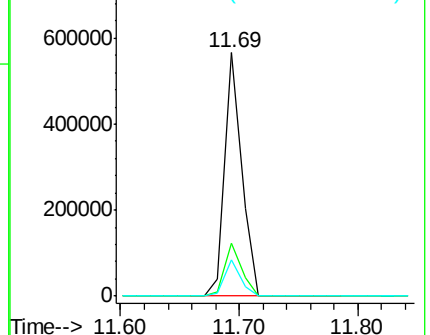
139 15.0 11.4 17.0

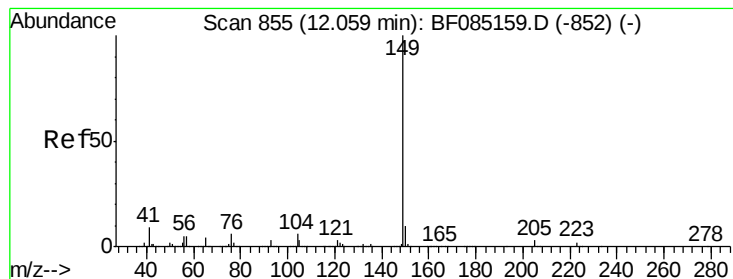


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.90 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

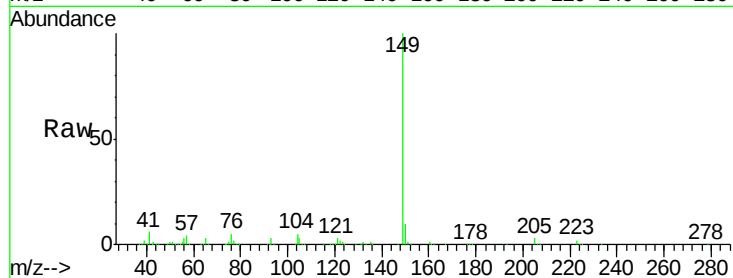
Tgt Ion:149 Resp: 794936

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

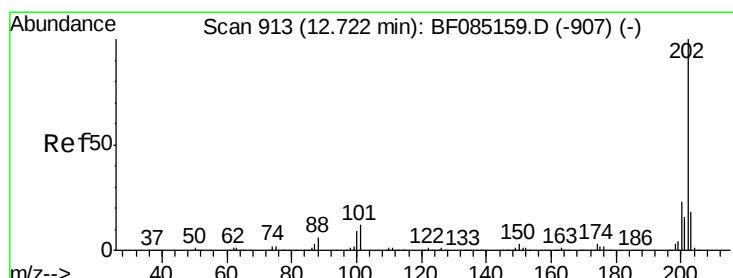
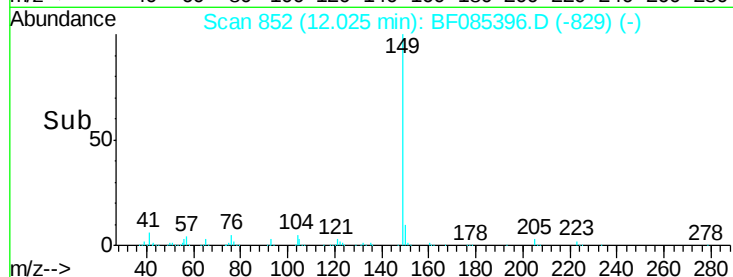
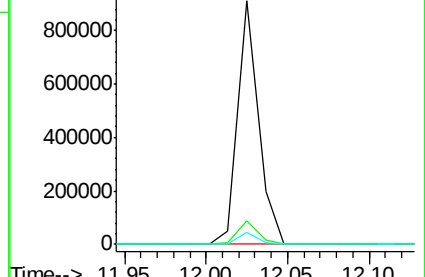
104 5.1 4.7 7.1



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: 34.75 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

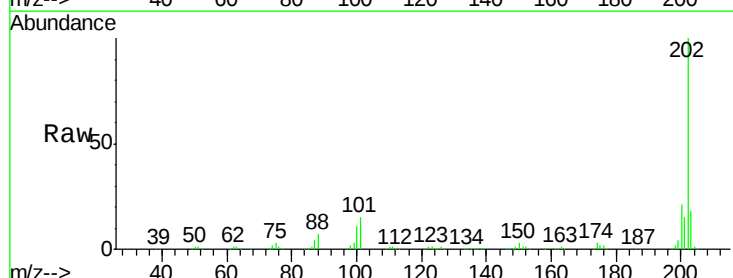
Tgt Ion:202 Resp: 562189

Ion Ratio Lower Upper

202 100

101 14.6 0.0 31.8

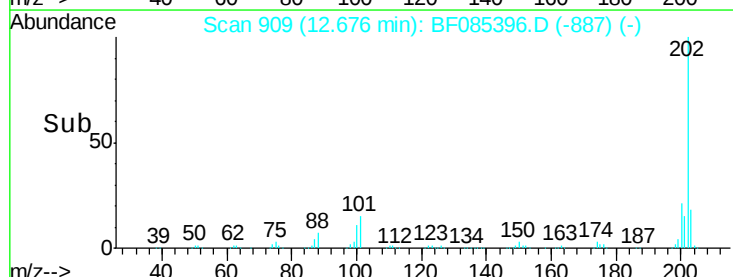
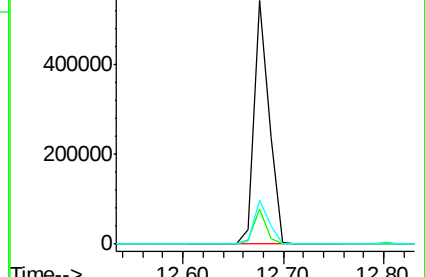
203 18.0 0.0 38.4

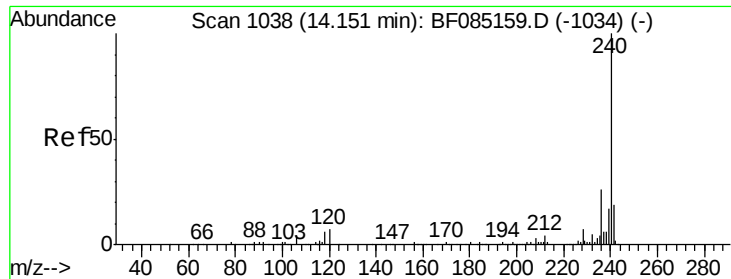


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

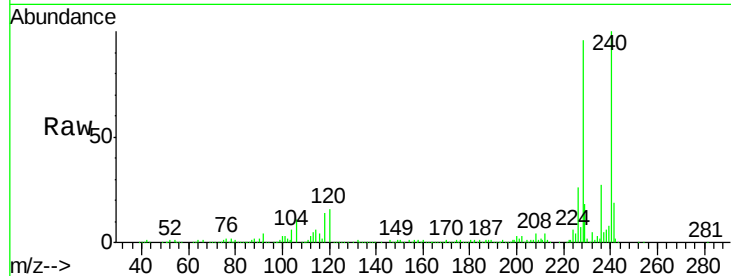
Tgt Ion:240 Resp: 249109

Ion Ratio Lower Upper

240 100

120 16.0 5.3 7.9#

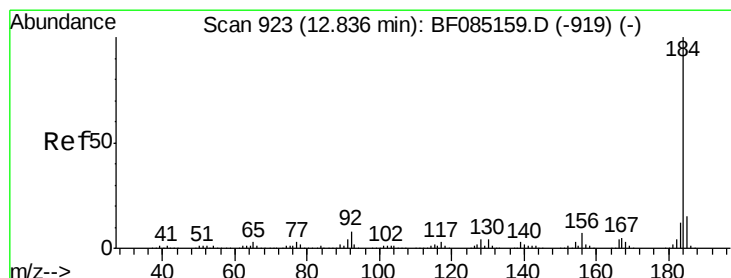
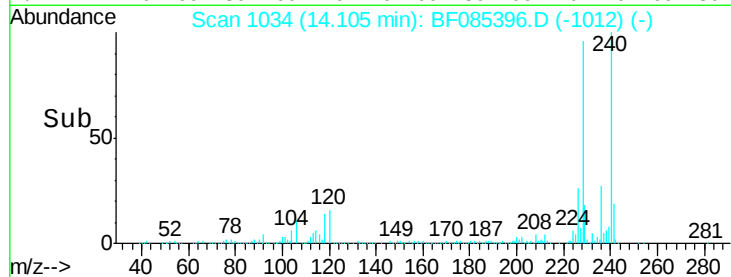
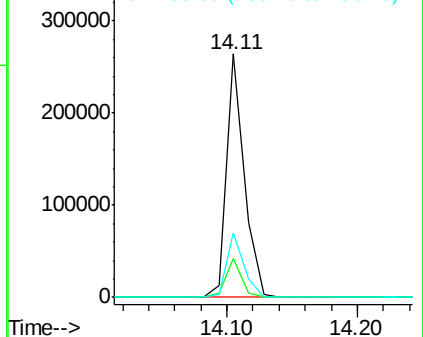
236 26.5 20.7 31.1



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: 53.51 ng

RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

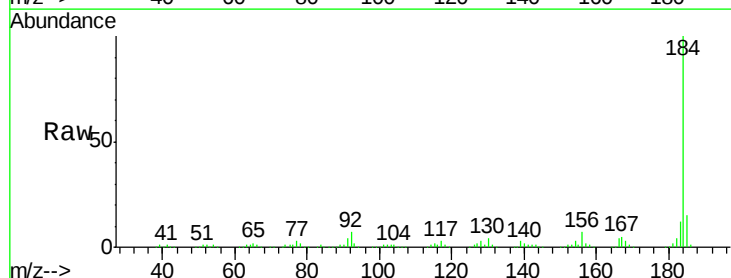
Tgt Ion:184 Resp: 396751

Ion Ratio Lower Upper

184 100

185 14.9 12.4 18.6

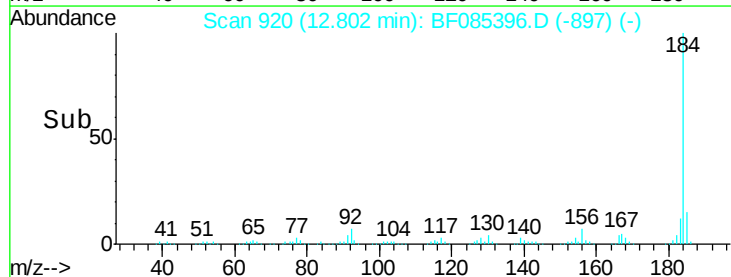
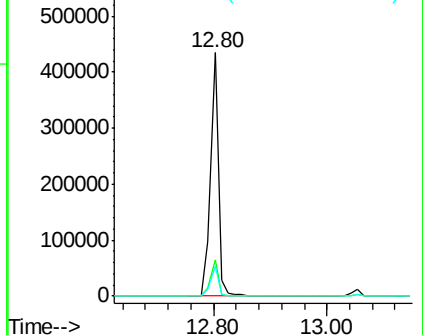
183 12.0 9.4 14.2

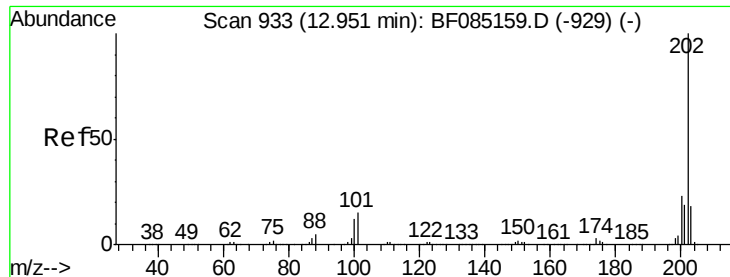


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

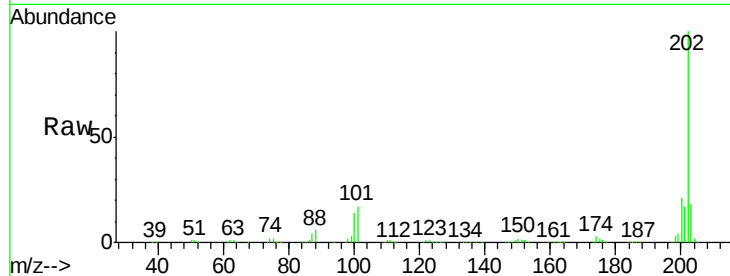




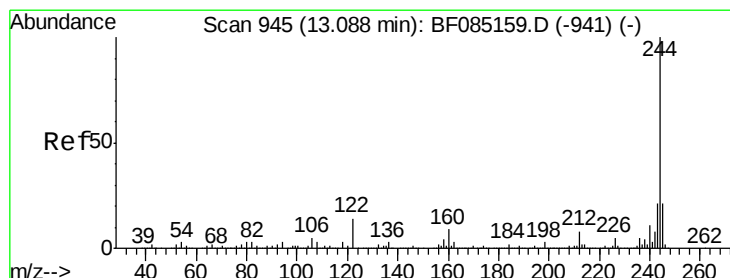
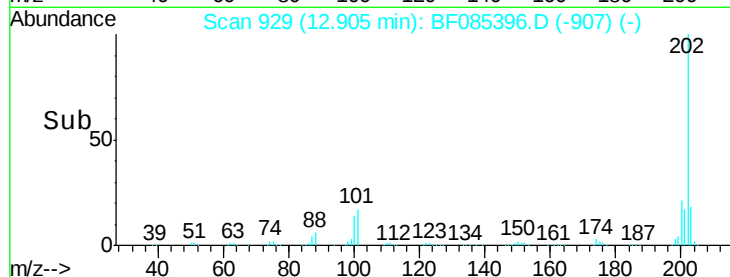
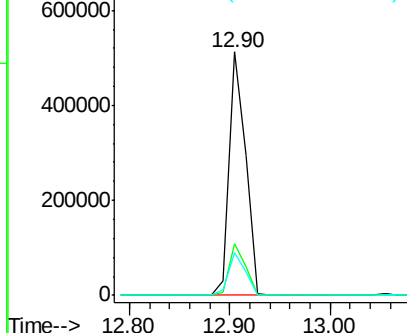
#77
 Pyrene
 Concen: 30.89 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.05 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

Tgt Ion:202 Resp: 579121
 Ion Ratio Lower Upper
 202 100
 200 21.1 18.2 27.4
 203 17.6 14.7 22.1

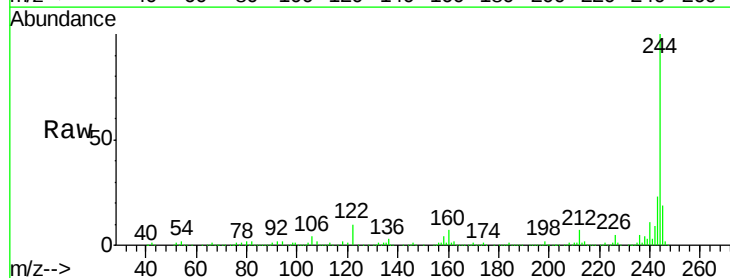


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

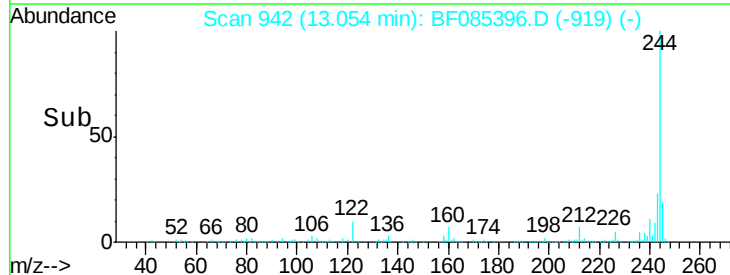
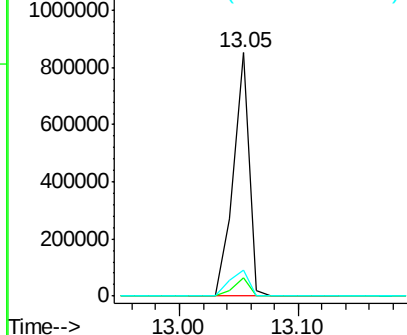


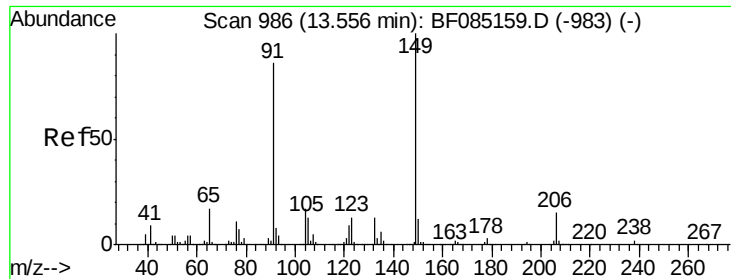
#78
 Terphenyl-d14
 Concen: 73.39 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:244 Resp: 787582
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 10.4 11.4 17.2#



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

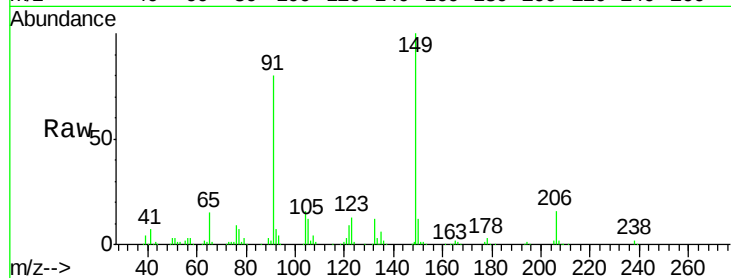




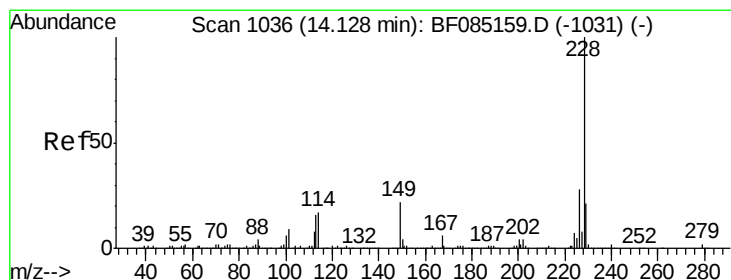
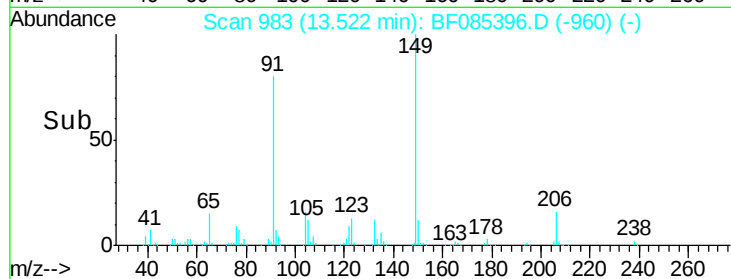
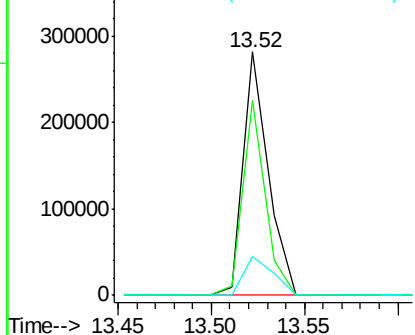
#79
Butylbenzylphthalate
Concen: 30.86 ng
RT: 13.52 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Instrument :
BNA_F
ClientSampleId :
PB88821BS

Tgt Ion:149 Resp: 262499
Ion Ratio Lower Upper
149 100
91 80.3 69.0 103.4
206 15.7 12.3 18.5

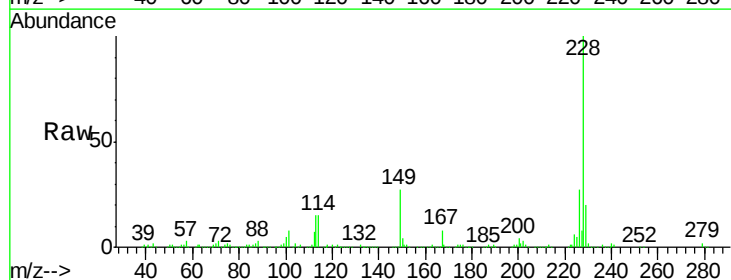


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

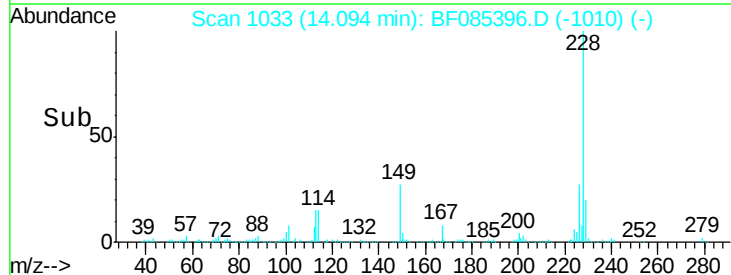
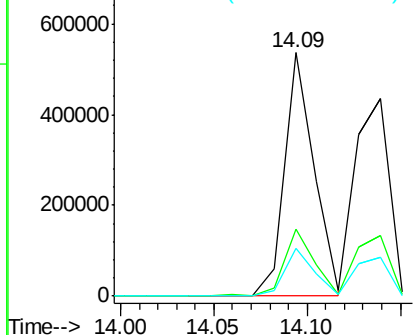


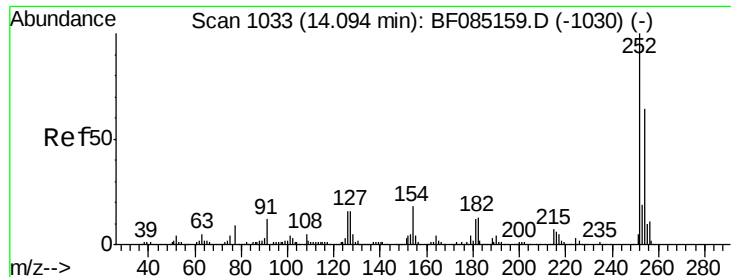
#80
Benzo(a)anthracene
Concen: 39.64 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion:228 Resp: 591136
Ion Ratio Lower Upper
228 100
226 27.3 22.8 34.2
229 19.8 16.6 24.8



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

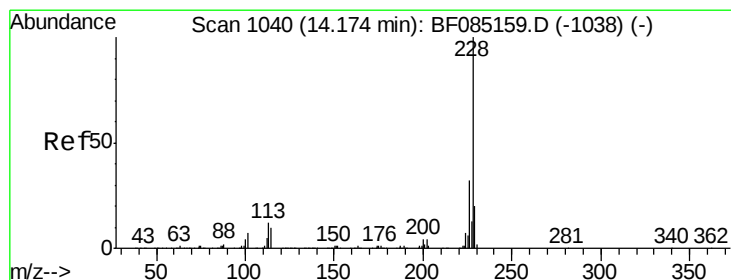
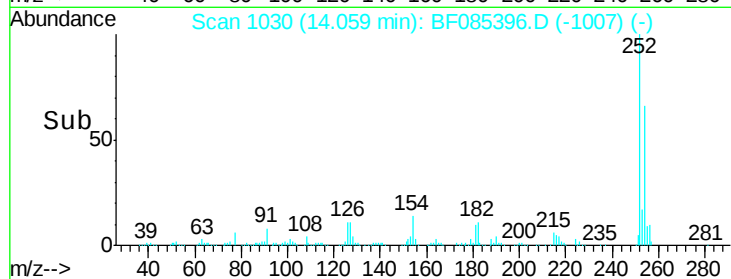
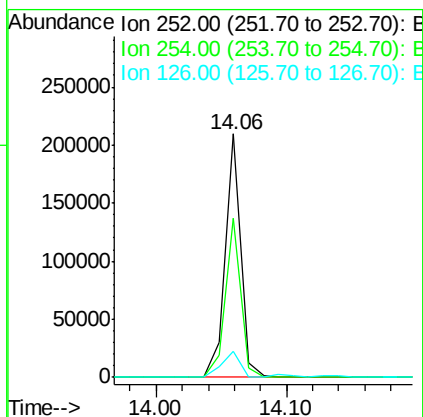
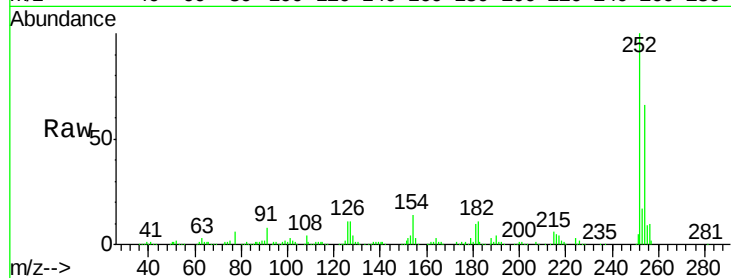




#81
 3,3'-Dichlorobenzidine
 Concen: 37.24 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

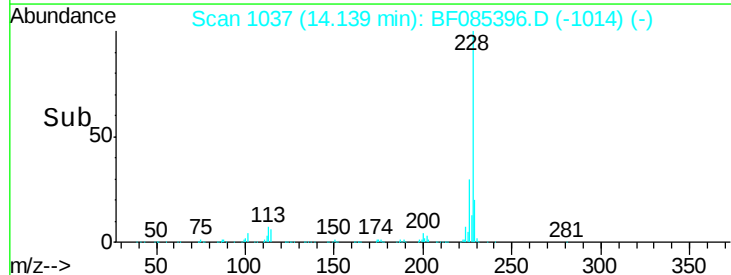
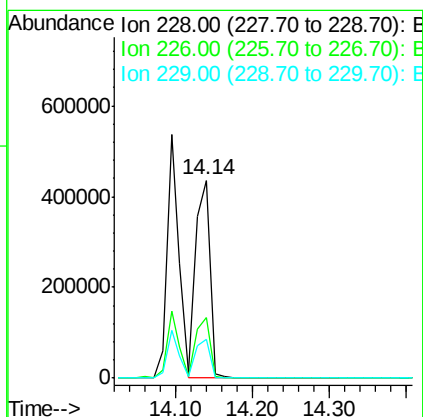
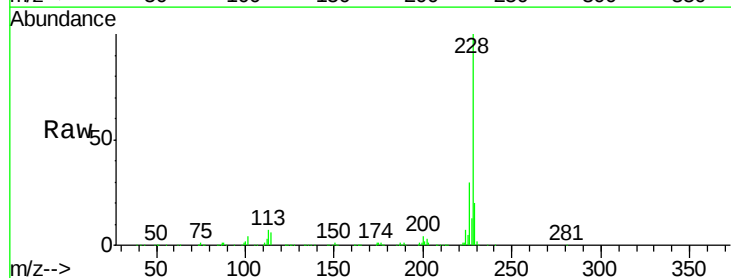
Instrument :
 BNA_F
 ClientSampleId :
 PB88821BS

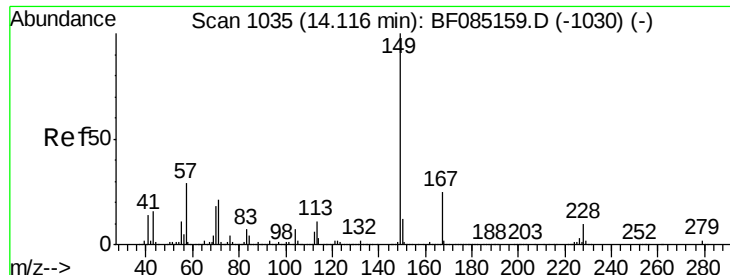
Tgt Ion:252 Resp: 175181
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.4 77.0
 126 10.9 12.9 19.3#



#82
 Chrysene
 Concen: 40.57 ng
 RT: 14.14 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF085396.D
 Acq: 12 Mar 2016 3:52

Tgt Ion:228 Resp: 558939
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.2 37.8
 229 19.5 16.0 24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.00 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

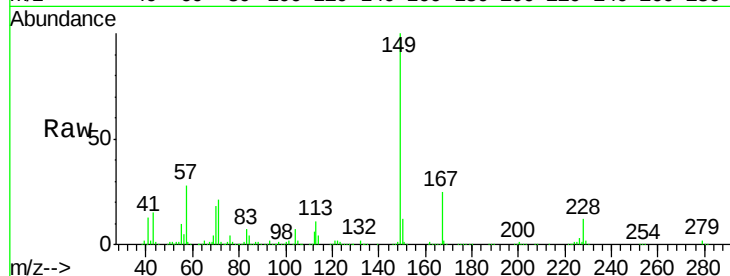
Tgt Ion:149 Resp: 459065

Ion Ratio Lower Upper

149 100

167 25.0 20.3 30.5

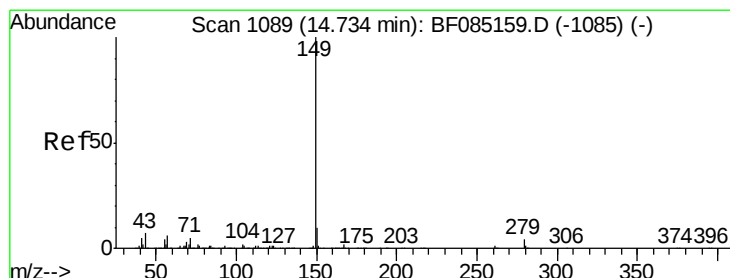
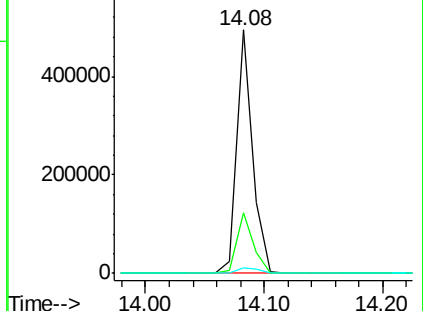
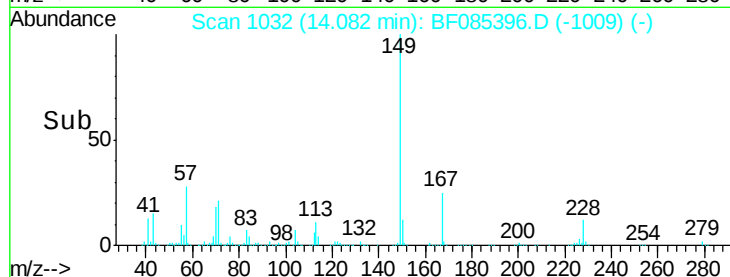
279 2.3 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.61 ng

RT: 14.70 min Scan# 1086

Delta R.T. -0.03 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

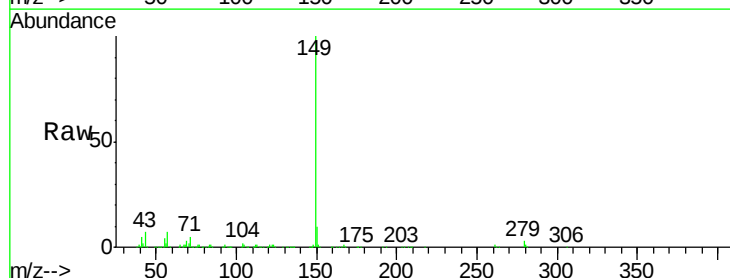
Tgt Ion:149 Resp: 828887

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

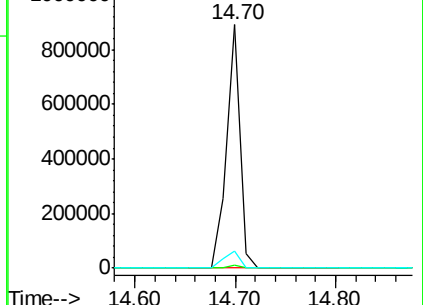
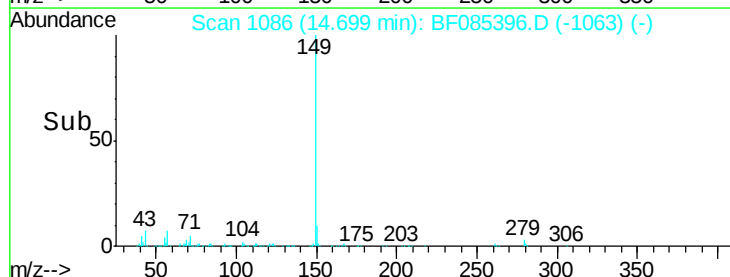
43 8.4 7.8 11.8



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

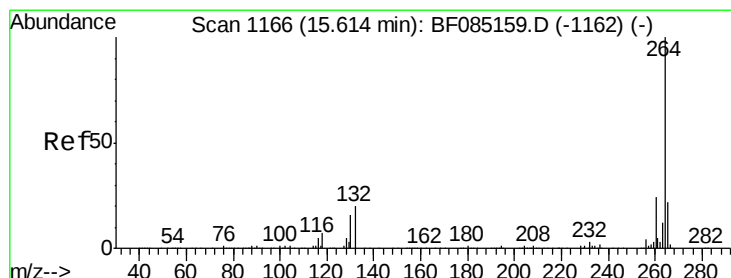
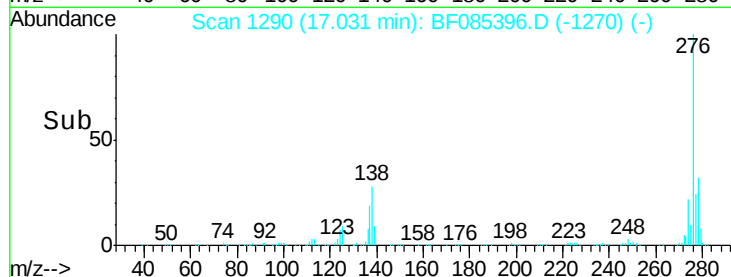
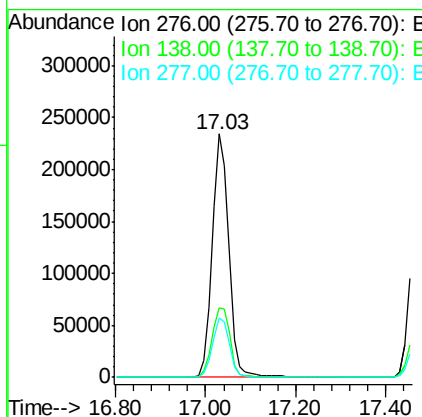
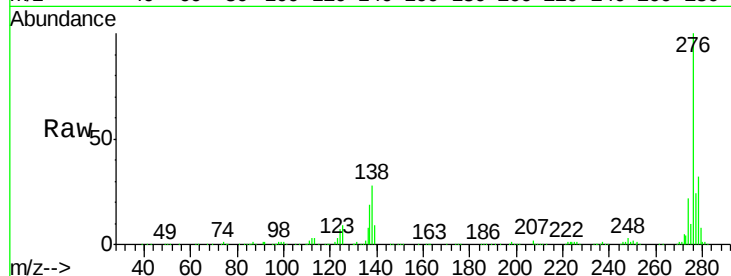




#85
Indeno(1,2,3-cd)pyrene
Concen: 56.03 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

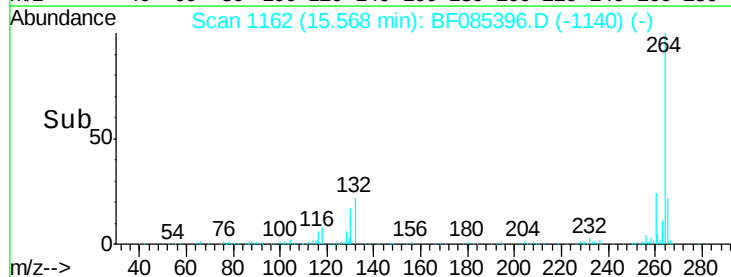
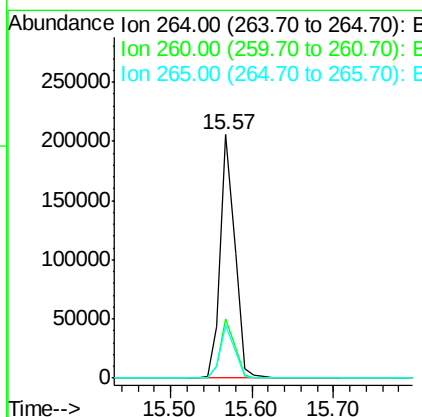
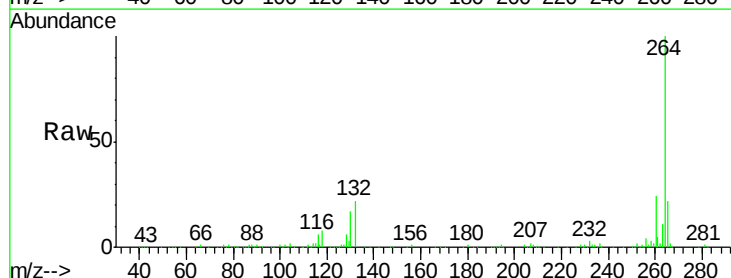
Instrument :
BNA_F
ClientSampleId :
PB88821BS

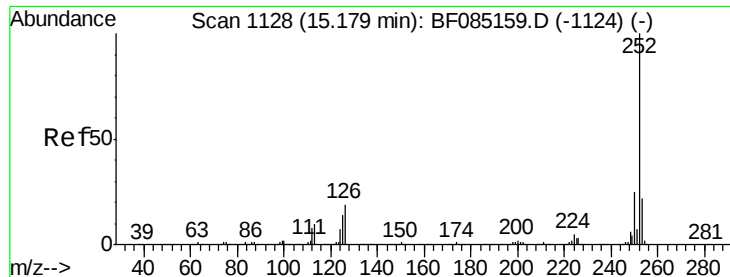
Tgt Ion: 276 Resp: 602421
Ion Ratio Lower Upper
276 100
138 31.2 26.4 39.6
277 25.1 20.2 30.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion: 264 Resp: 254136
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.5 17.3 25.9

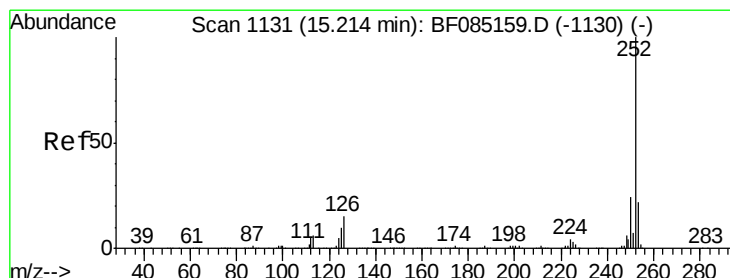
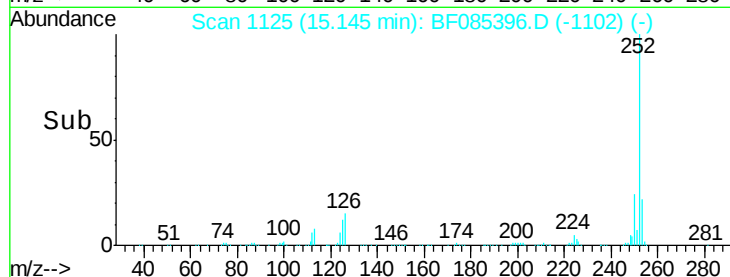
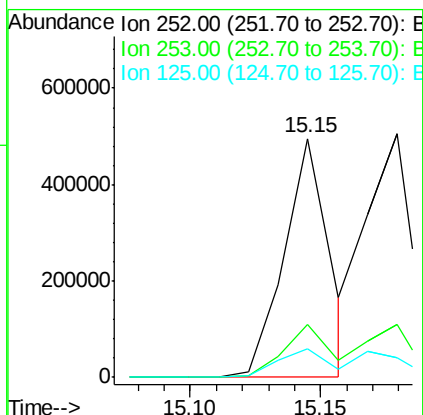
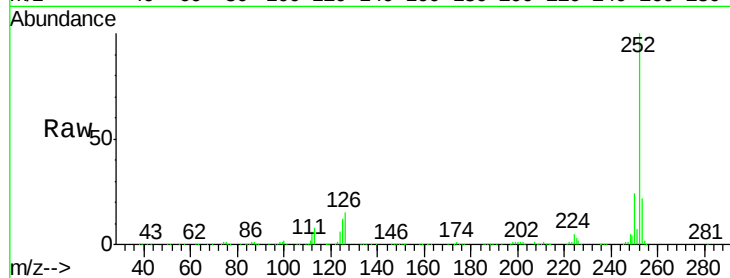




#87
Benzo(b)fluoranthene
Concen: 35.01 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

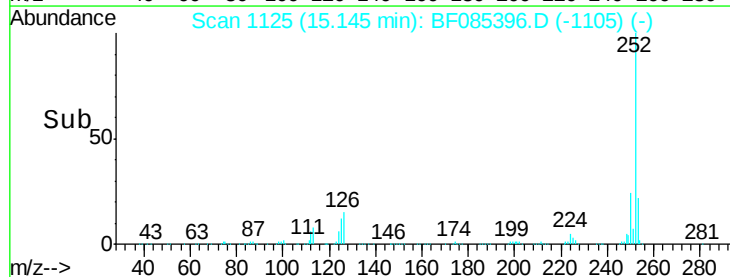
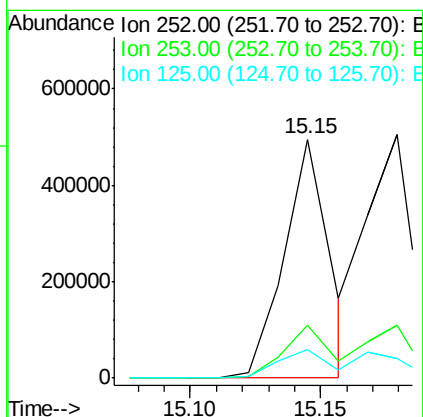
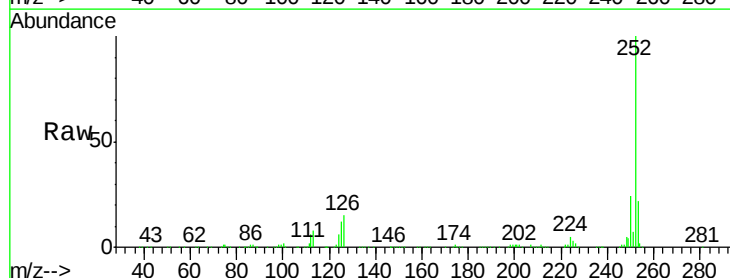
Instrument :
BNA_F
ClientSampleId :
PB88821BS

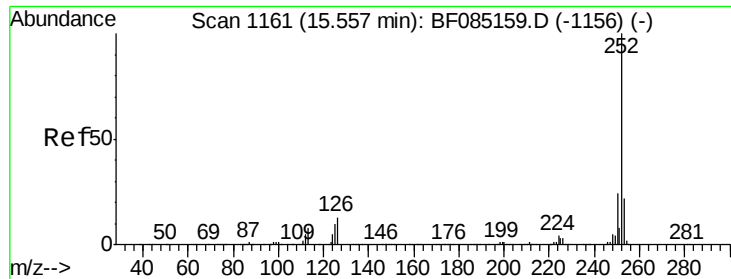
Tgt Ion: 252 Resp: 593065
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.7 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 43.41 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085396.D
Acq: 12 Mar 2016 3:52

Tgt Ion: 252 Resp: 593065
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.7 10.4 15.6





#89

Benzo(a)pyrene

Concen: 43.04 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS

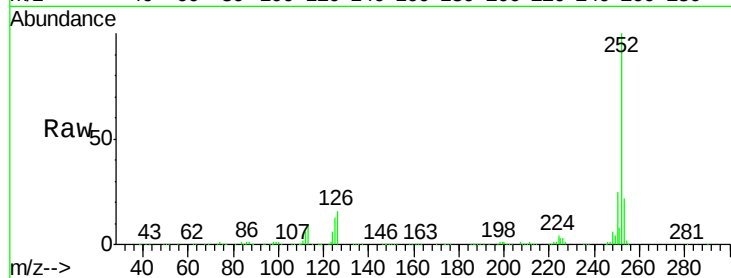
Tgt Ion:252 Resp: 604220

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

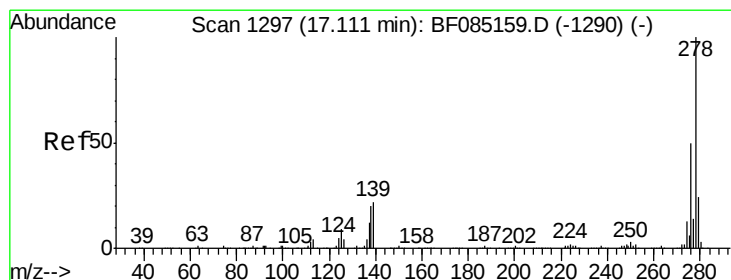
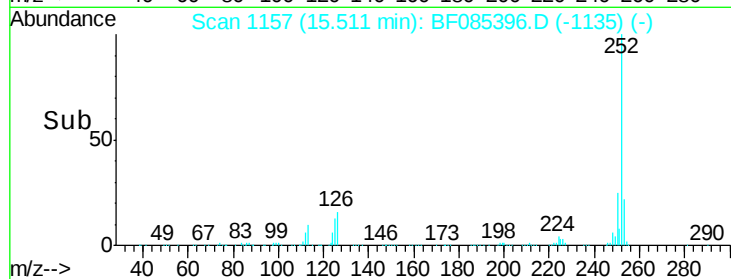
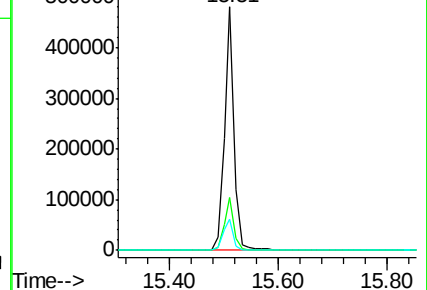
125 12.8 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.97 ng

RT: 17.05 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF085396.D

Acq: 12 Mar 2016 3:52

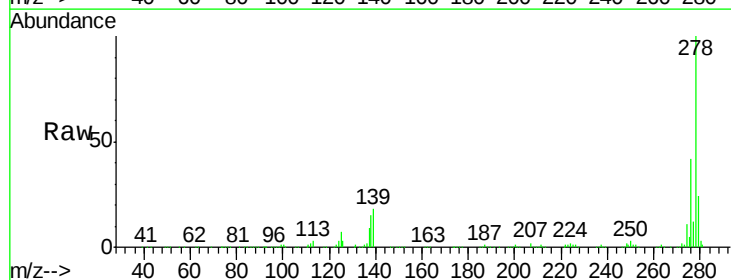
Tgt Ion:278 Resp: 514905

Ion Ratio Lower Upper

278 100

139 17.8 17.3 25.9

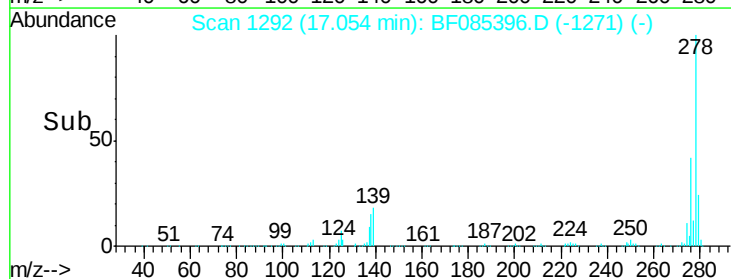
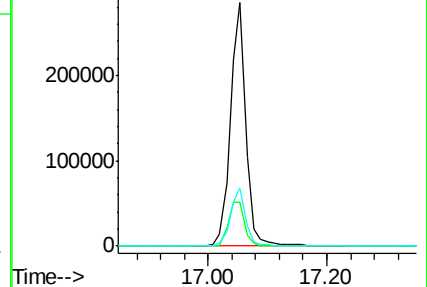
279 24.0 19.2 28.8

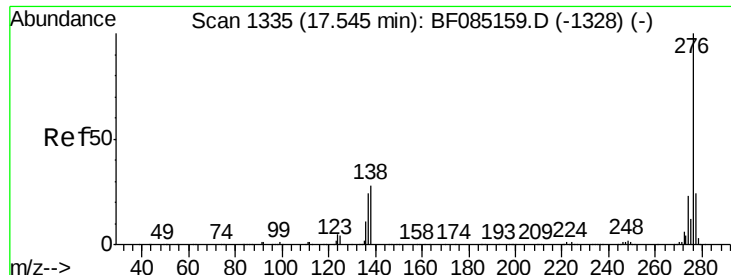


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.75 ng

RT: 17.48 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF085396.D

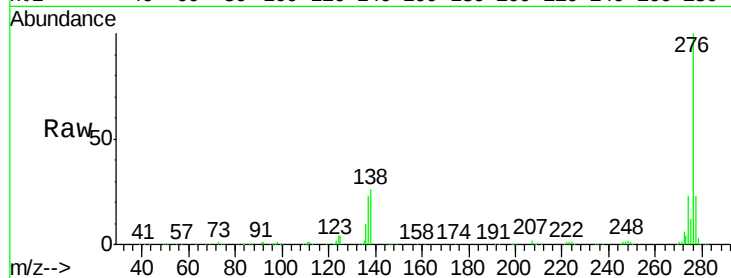
Acq: 12 Mar 2016 3:52

Instrument :

BNA_F

ClientSampleId :

PB88821BS



Tgt Ion:	276	Resp:	478933
Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	26.5	22.5	33.7

