

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085256.D
 Acq On : 8 Mar 2016 15:27
 Operator : UM/SJ
 Sample : PB88757BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Quant Time: Mar 09 00:02:19 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	6.96	152	155379	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	601846	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	275752	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	523947	20.00	ng	-0.02
75) Chrysene-d12	14.13	240	404035	20.00	ng	-0.02
86) Perylene-d12	15.59	264	284932	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1258409	135.85	ng	0.00
7) Phenol-d6	6.58	99	1500166	123.61	ng	-0.02
23) Nitrobenzene-d5	7.52	82	970235	86.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	341193	144.60	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1678180	92.55	ng	-0.02
78) Terphenyl-d14	13.08	244	1565489	89.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	160105	33.80	ng	97
3) Pyridine	3.49	79	404942	34.16	ng	96
4) n-Nitrosodimethylamine	3.43	42	199287	39.27	ng	100
6) Aniline	6.62	93	401637	23.61	ng	99
8) 2-Chlorophenol	6.74	128	441641	39.60	ng	98
9) Benzaldehyde	6.50	77	128210	19.20	ng	99
10) Phenol	6.60	94	472407	36.34	ng	93
11) bis(2-Chloroethyl)ether	6.70	93	442684	41.01	ng	97
12) 1,3-Dichlorobenzene	6.90	146	474000	39.59	ng	99
13) 1,4-Dichlorobenzene	6.97	146	462405	38.54	ng	99
14) 1,2-Dichlorobenzene	7.13	146	451231	41.45	ng	99
15) Benzyl Alcohol	7.10	79	374480	42.03	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	548297	35.23	ng	100
17) 2-Methylphenol	7.21	107	391659	43.04	ng	99
18) Hexachloroethane	7.48	117	175108	39.56	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	288857	36.52	ng	# 91
20) 3+4-Methylphenols	7.36	107	424076	39.34	ng	97
22) Acetophenone	7.37	105	580517	39.52	ng	# 96
24) Nitrobenzene	7.54	77	519428	45.46	ng	96
25) Isophorone	7.78	82	872233	41.85	ng	97
26) 2-Nitrophenol	7.86	139	243746	43.84	ng	95
27) 2,4-Dimethylphenol	7.90	122	464934	45.76	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	499014	42.99	ng	100
29) 2,4-Dichlorophenol	8.10	162	374455	45.69	ng	98
30) 1,2,4-Trichlorobenzene	8.18	180	368890	41.64	ng	100
31) Naphthalene	8.26	128	1207214	40.79	ng	99
32) Benzoic acid	8.00	122	244599	36.24	ng	98
33) 4-Chloroaniline	8.31	127	146654	12.25	ng	97
34) Hexachlorobutadiene	8.39	225	201592	43.73	ng	98
35) Caprolactam	8.72	113	34390	12.85	ng	93
36) 4-Chloro-3-methylphenol	8.79	107	395418	42.53	ng	97
37) 2-Methylnaphthalene	8.96	142	869545	45.79	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	333336	42.27	ng	98
40) Hexachlorocyclopentadiene	9.12	237	398953	93.80	ng	98

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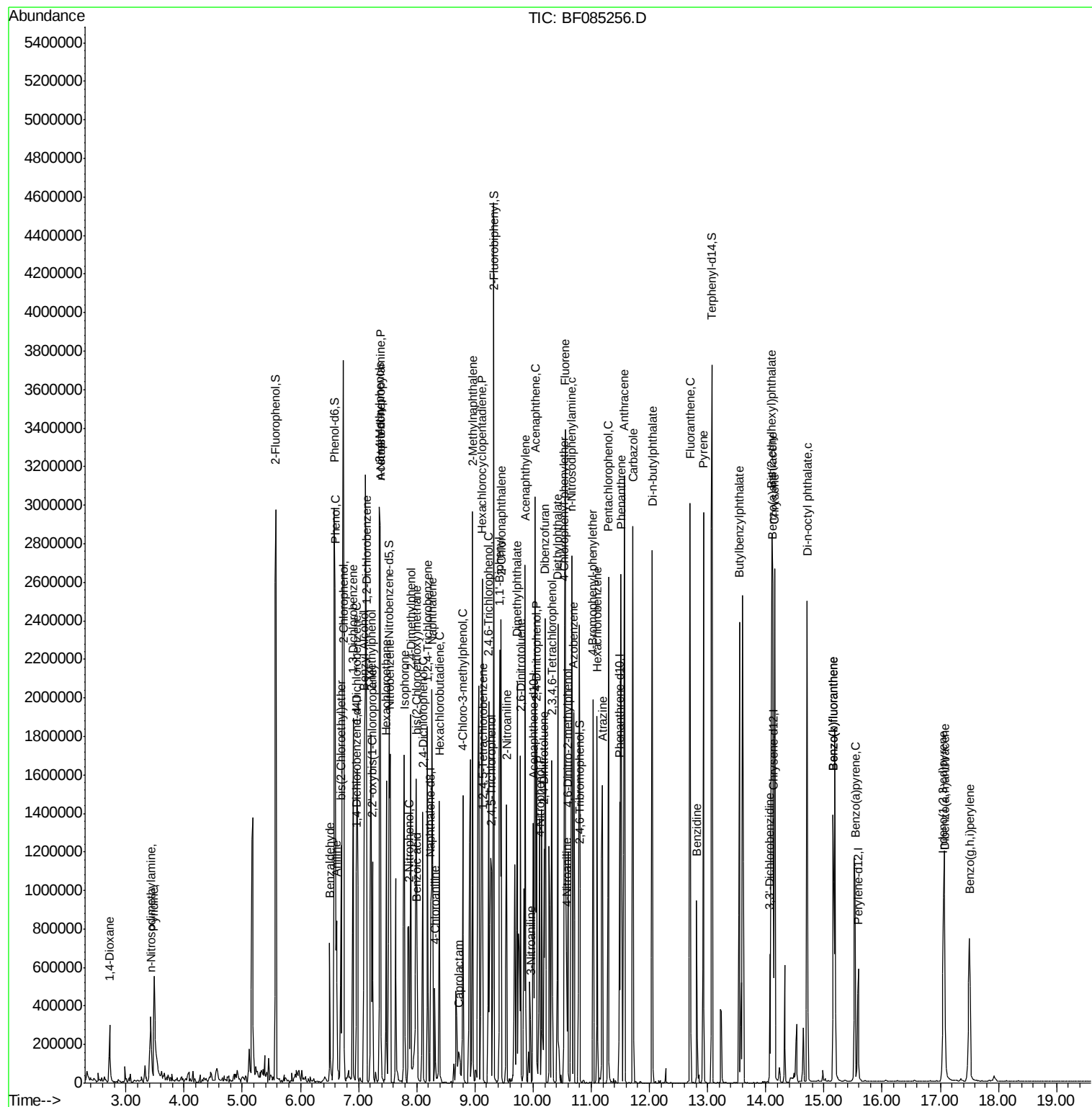
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	256790	43.74	ng	98
43) 2,4,5-Trichlorophenol	9.28	196	256849	46.15	ng	# 88
45) 1,1'-Biphenyl	9.43	154	992689	42.14	ng	93
46) 2-Chloronaphthalene	9.45	162	788998	43.94	ng	97
47) 2-Nitroaniline	9.54	65	259178	46.58	ng	# 77
48) Acenaphthylene	9.86	152	1155461	41.34	ng	99
49) Dimethylphthalate	9.73	163	942864	44.55	ng	99
50) 2,6-Dinitrotoluene	9.78	165	199484	44.06	ng	97
51) Acenaphthene	10.04	154	795296	46.86	ng	99
52) 3-Nitroaniline	9.96	138	110080	20.32	ng	86
53) 2,4-Dinitrophenol	10.06	184	203000	87.51	ng	# 53
54) Dibenzofuran	10.21	168	982139	44.17	ng	98
55) 4-Nitrophenol	10.12	139	376668	88.48	ng	90
56) 2,4-Dinitrotoluene	10.18	165	238055	41.08	ng	# 83
57) Fluorene	10.55	166	748795	42.88	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	189593	48.49	ng	99
59) Diethylphthalate	10.42	149	890362	43.35	ng	97
60) 4-Chlorophenyl-phenylether	10.54	204	349196	41.10	ng	90
61) 4-Nitroaniline	10.57	138	227615	44.92	ng	82
62) Azobenzene	10.70	77	938077	46.36	ng	96
64) 4,6-Dinitro-2-methylphenol	10.60	198	142773	45.51	ng	76
65) n-Nitrosodiphenylamine	10.66	169	766977	47.06	ng	99
66) 4-Bromophenyl-phenylether	11.03	248	207318	40.75	ng	# 85
67) Hexachlorobenzene	11.10	284	223885	41.25	ng	# 84
68) Atrazine	11.19	200	259005	57.15	ng	94
69) Pentachlorophenol	11.29	266	284470	94.43	ng	99
70) Phenanthrene	11.51	178	1158621	42.20	ng	99
71) Anthracene	11.57	178	1280811	43.94	ng	99
72) Carbazole	11.72	167	1062561	41.57	ng	99
73) Di-n-butylphthalate	12.05	149	1378077	42.65	ng	99
74) Fluoranthene	12.70	202	1141115	41.41	ng	97
76) Benzidine	12.81	184	344125	28.62	ng	99
77) Pyrene	12.93	202	1130288	37.17	ng	99
79) Butylbenzylphthalate	13.55	149	582763	42.23	ng	# 80
80) Benzo(a)anthracene	14.12	228	944817	39.06	ng	99
81) 3,3'-Dichlorobenzidine	14.07	252	120427	15.78	ng	98
82) Chrysene	14.15	228	863960	38.67	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	731523	40.29	ng	# 96
84) Di-n-octyl phthalate	14.71	149	1157637	41.86	ng	99
85) Indeno(1,2,3-cd)pyrene	17.05	276	702317	40.28	ng	99
87) Benzo(b)fluoranthene	15.16	252	876534	46.15	ng	99
88) Benzo(k)fluoranthene	15.16	252	876534	57.22	ng	98
89) Benzo(a)pyrene	15.53	252	695962	44.22	ng	99
90) Dibenzo(a,h)anthracene	17.08	278	591013	43.99	ng	96
91) Benzo(g,h,i)perylene	17.50	276	603507	44.68	ng	99

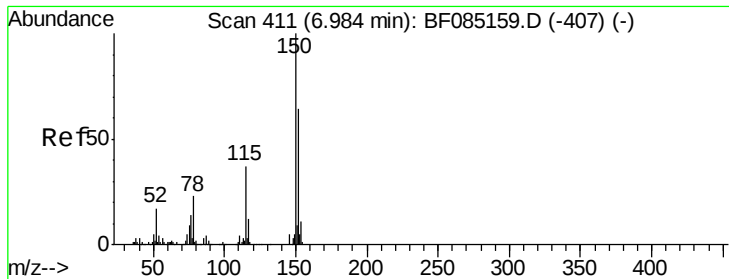
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

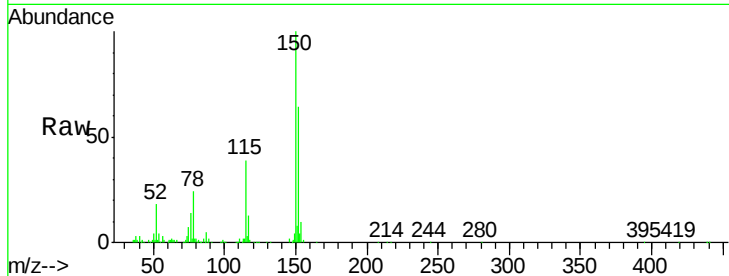
Tgt Ion:152 Resp: 155379

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

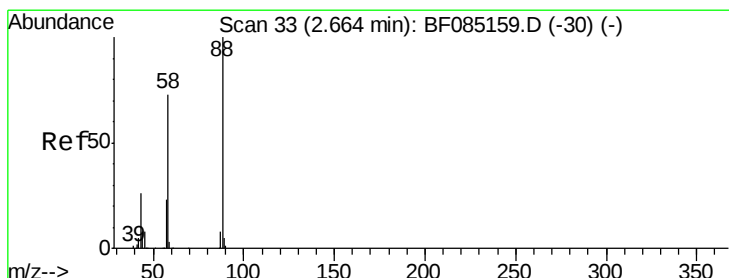
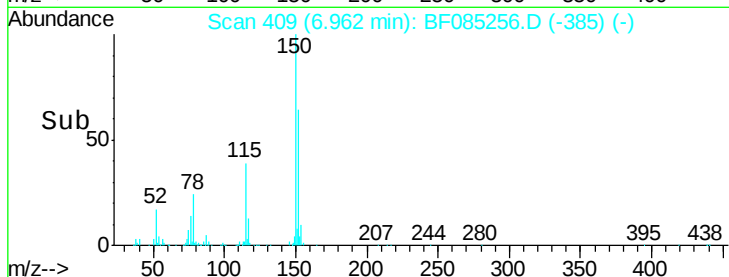
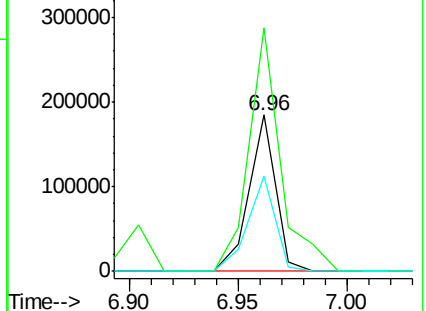
115 60.6 46.6 70.0



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



#2

1,4-Dioxane

Concen: 33.80 ng

RT: 2.72 min Scan# 38

Delta R.T. 0.06 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

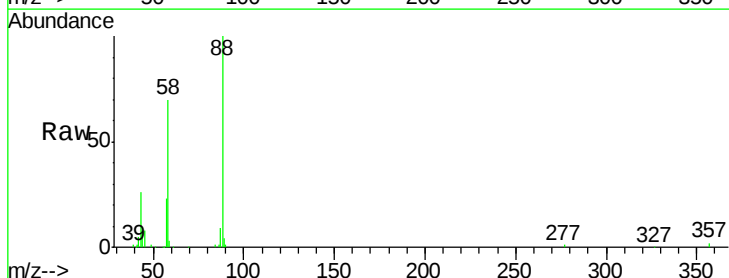
Tgt Ion: 88 Resp: 160105

Ion Ratio Lower Upper

88 100

58 68.5 57.0 85.6

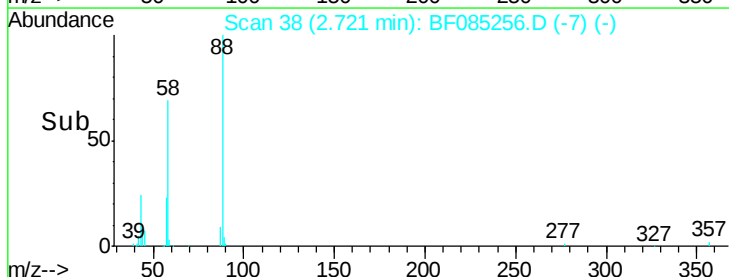
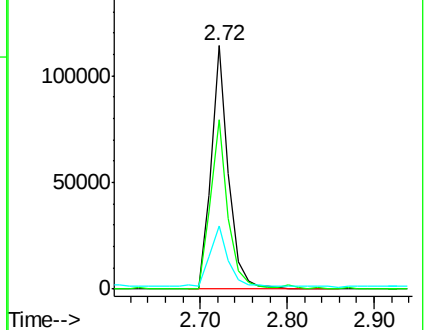
43 25.8 20.5 30.7

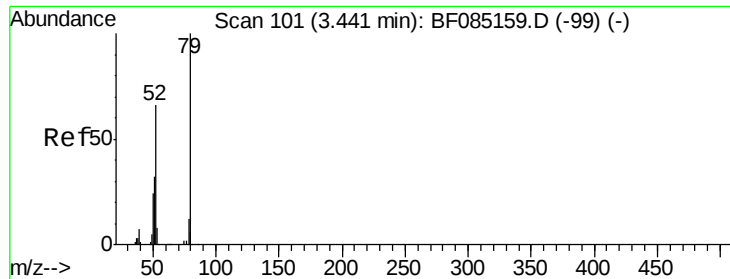


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

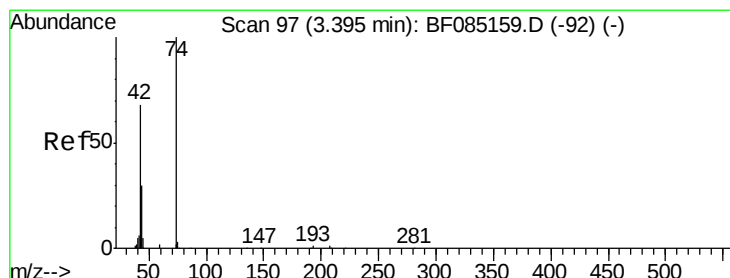
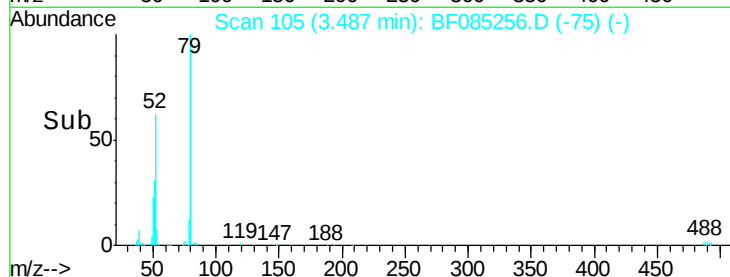
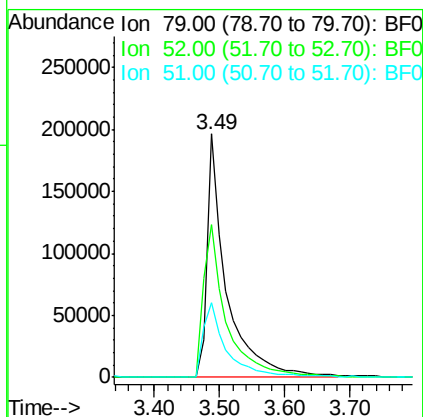
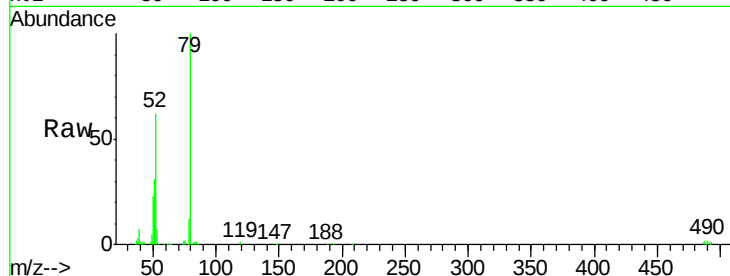




#3
 Pyridine
 Concen: 34.16 ng
 RT: 3.49 min Scan# 105
 Delta R.T. 0.05 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

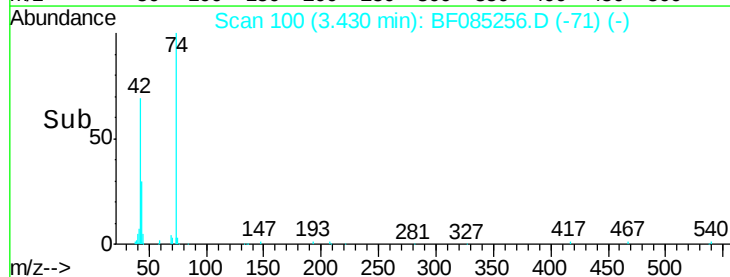
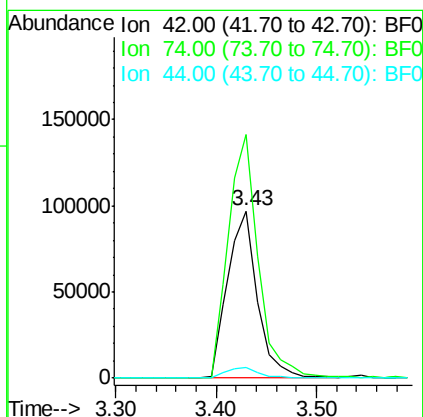
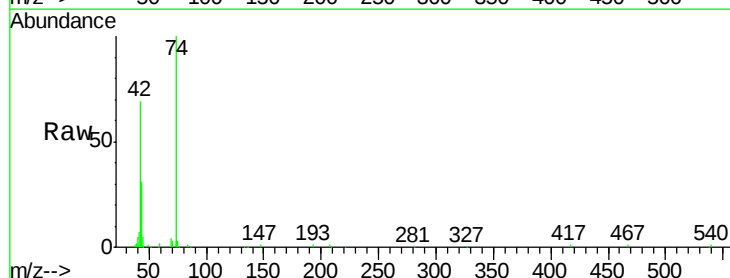
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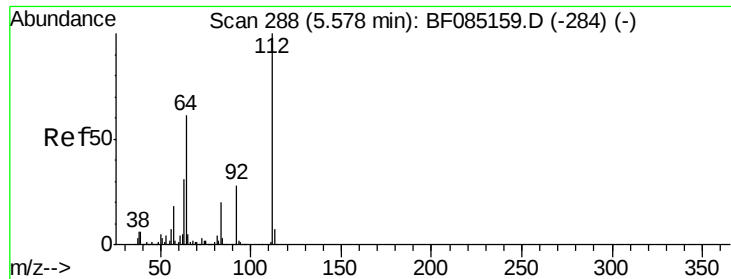
Tgt Ion: 79 Resp: 404942
 Ion Ratio Lower Upper
 79 100
 52 62.5 52.6 79.0
 51 30.9 25.8 38.8



#4
 n-Nitrosodimethylamine
 Concen: 39.27 ng
 RT: 3.43 min Scan# 100
 Delta R.T. 0.03 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion: 42 Resp: 199287
 Ion Ratio Lower Upper
 42 100
 74 145.6 116.8 175.2
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 135.85 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

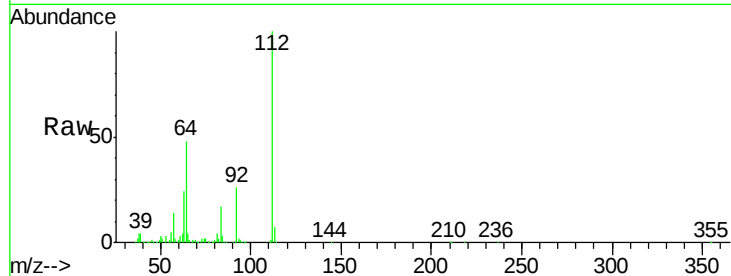
Tgt Ion:112 Resp: 1258409

Ion Ratio Lower Upper

112 100

64 48.1 49.0 73.4#

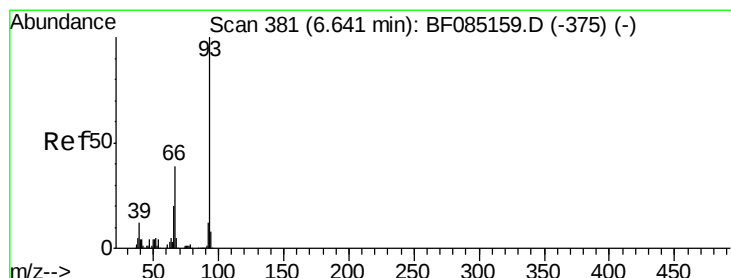
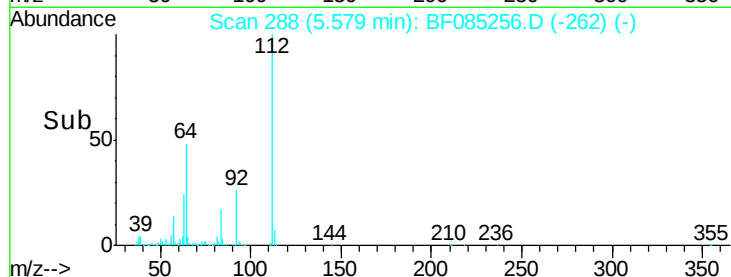
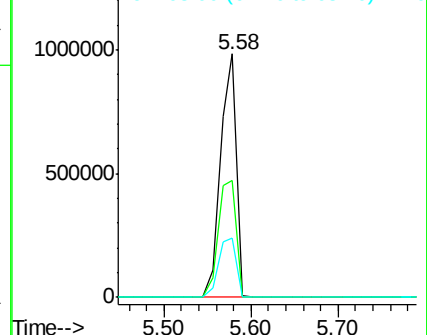
63 24.3 24.8 37.2#



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: 23.61 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

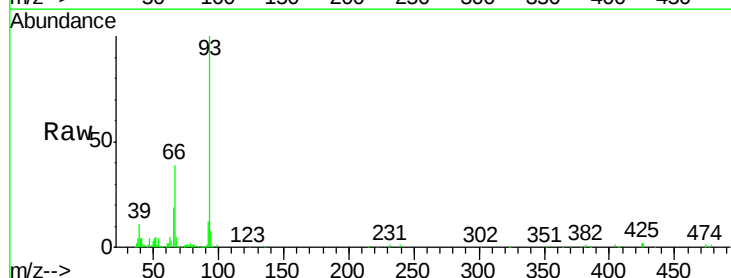
Tgt Ion: 93 Resp: 401637

Ion Ratio Lower Upper

93 100

66 39.0 31.6 47.4

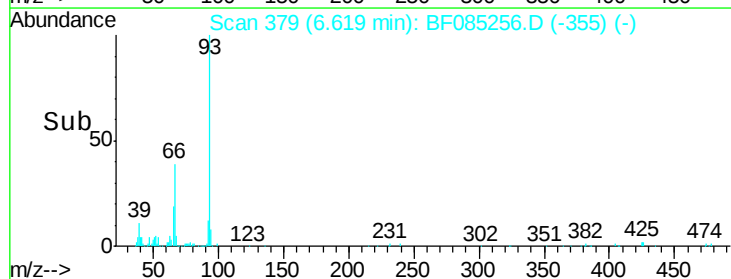
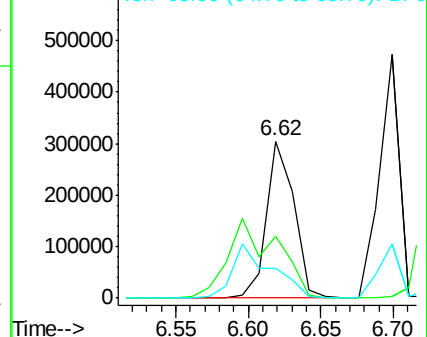
65 19.3 15.8 23.8

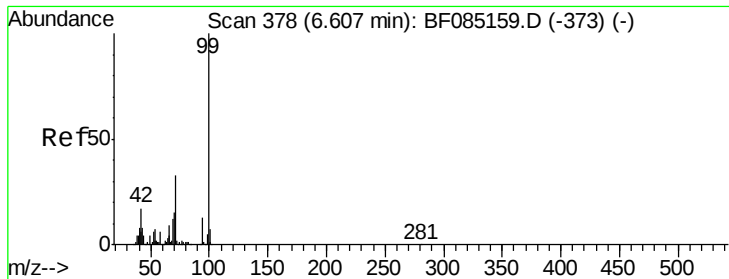


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.61 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

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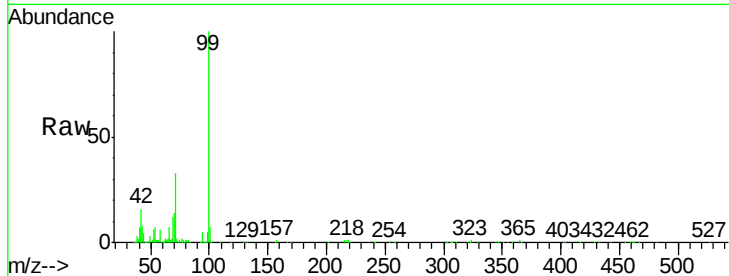
Tgt Ion: 99 Resp: 1500166

Ion Ratio Lower Upper

99 100

42 16.4 13.6 20.4

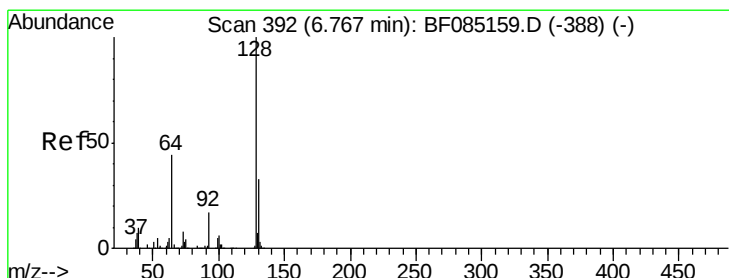
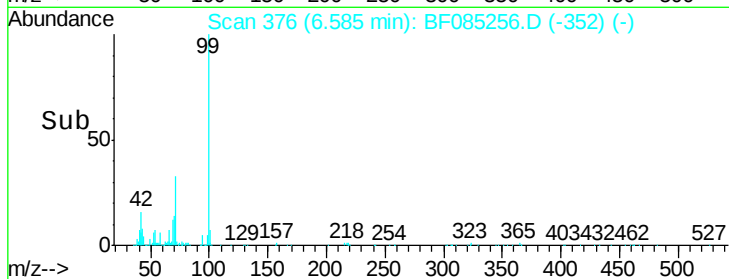
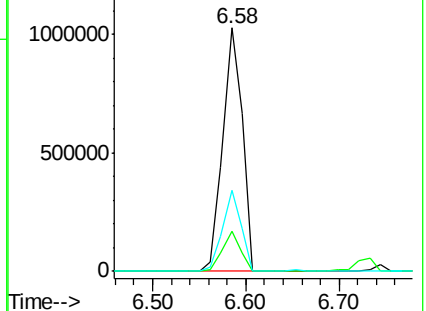
71 33.3 26.7 40.1



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: 39.60 ng

RT: 6.74 min Scan# 390

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

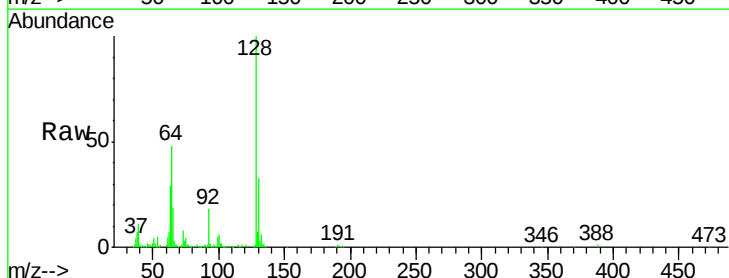
Tgt Ion: 128 Resp: 441641

Ion Ratio Lower Upper

128 100

130 32.8 13.3 53.3

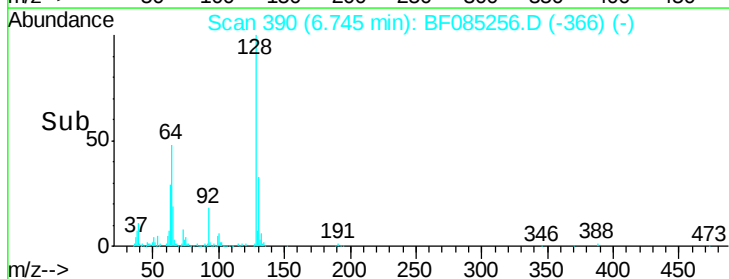
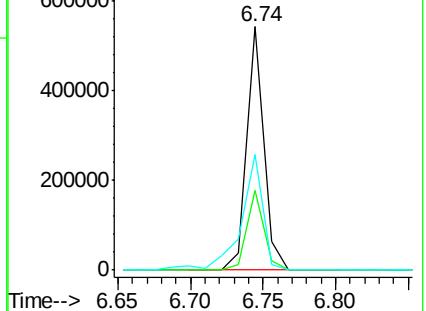
64 47.6 25.7 65.7

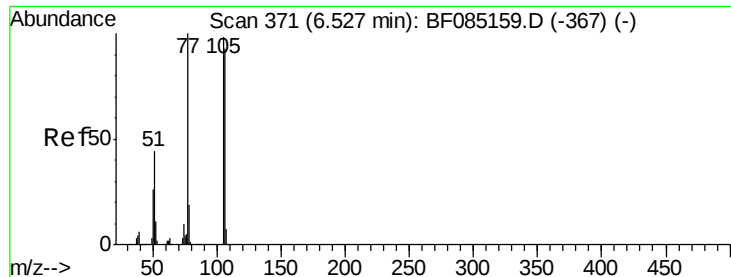


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 19.20 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

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Acq: 8 Mar 2016 15:27

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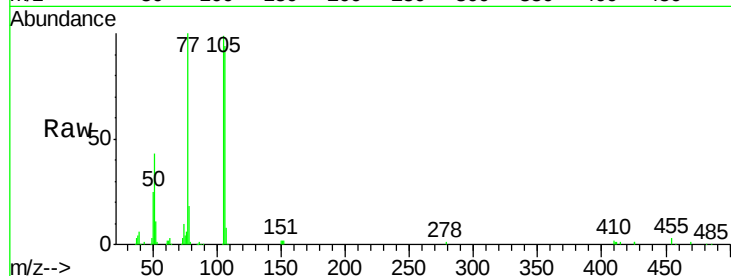
Tgt Ion: 77 Resp: 128210

Ion Ratio Lower Upper

77 100

105 99.1 78.2 118.2

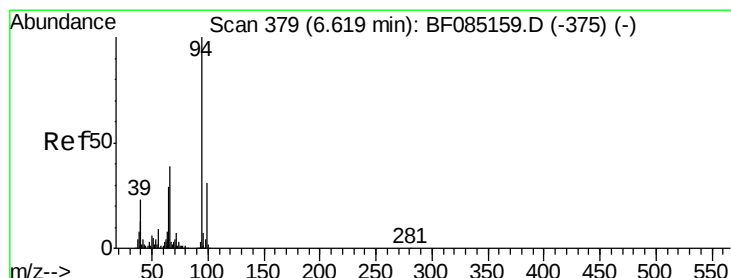
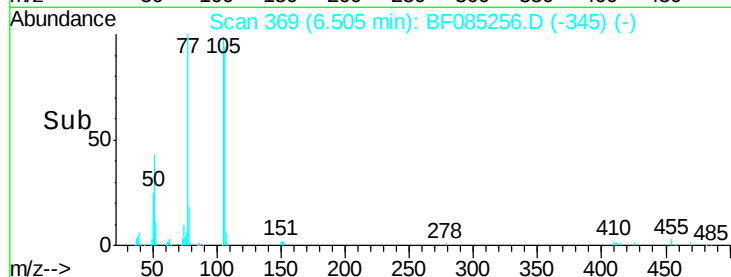
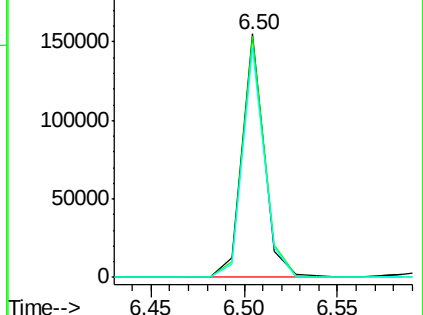
106 94.1 72.9 112.9



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: 36.34 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

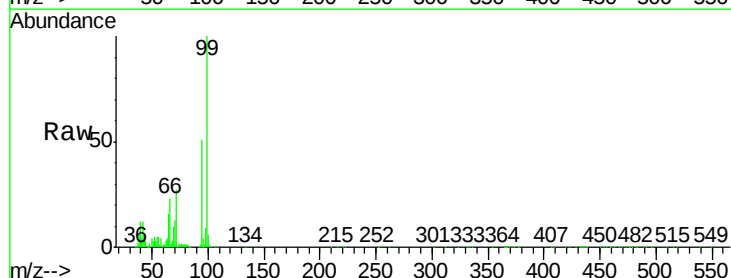
Tgt Ion: 94 Resp: 472407

Ion Ratio Lower Upper

94 100

65 30.5 9.1 49.1

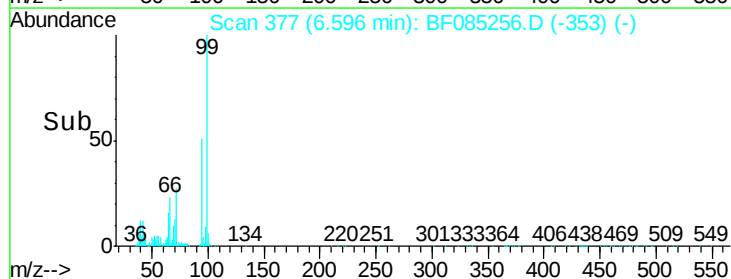
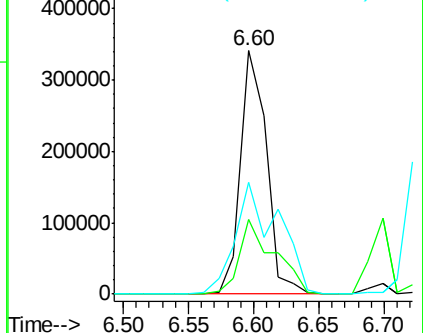
66 45.7 19.3 59.3

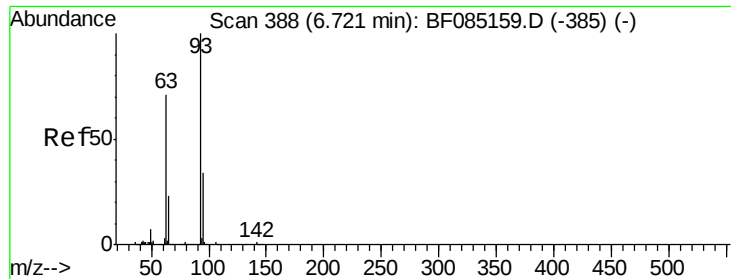


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

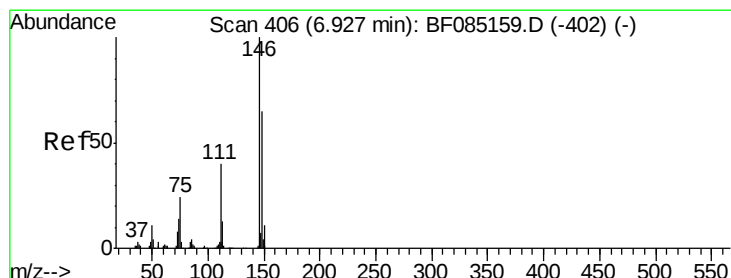
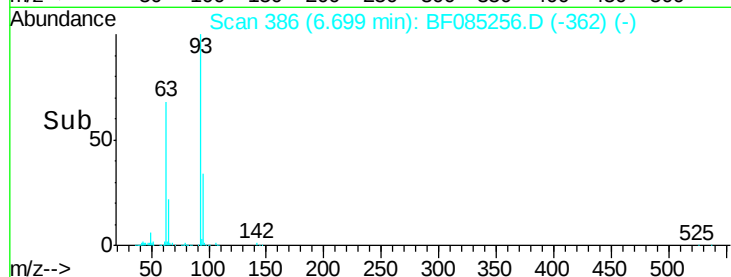
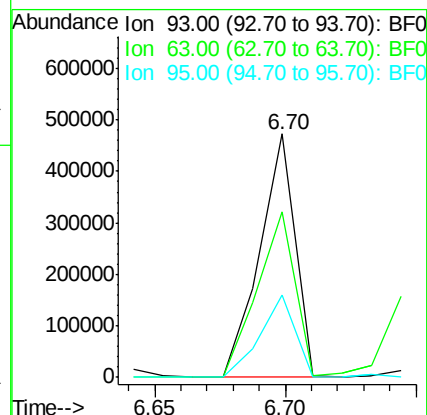
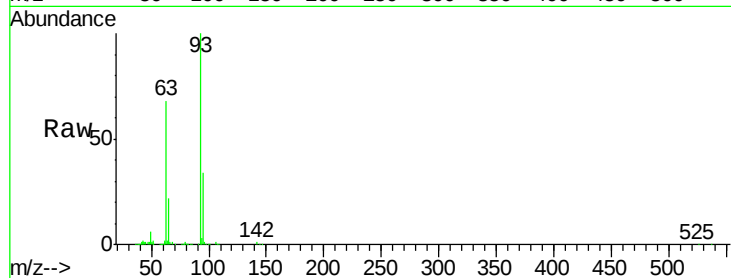




#11
 bis(2-Chloroethyl)ether
 Concen: 41.01 ng
 RT: 6.70 min Scan# 386
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

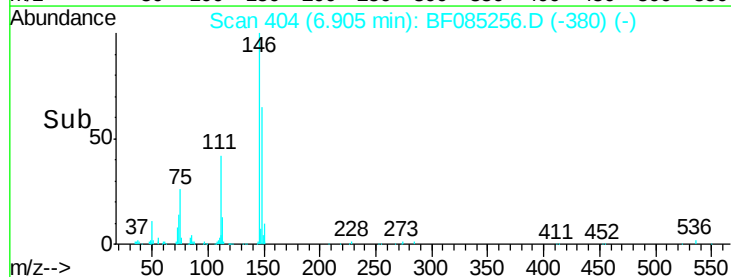
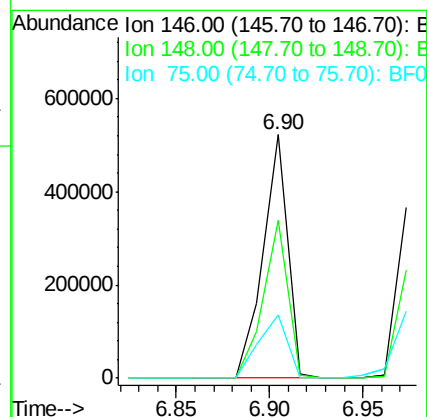
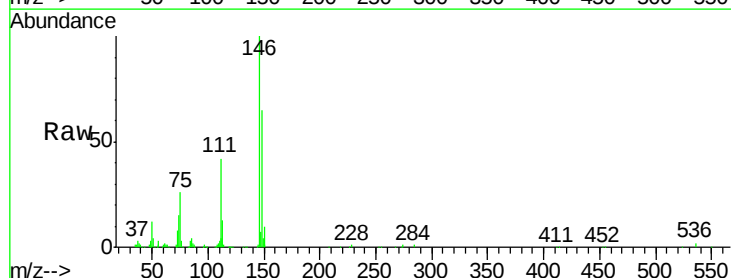
Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

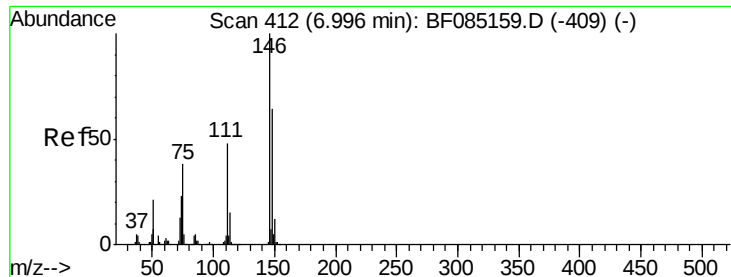
Tgt Ion: 93 Resp: 442684
 Ion Ratio Lower Upper
 93 100
 63 67.9 50.9 90.9
 95 33.6 13.7 53.7



#12
 1,3-Dichlorobenzene
 Concen: 39.59 ng
 RT: 6.90 min Scan# 404
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion: 146 Resp: 474000
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.1 78.1
 75 25.9 19.5 29.3





#13

1,4-Dichlorobenzene

Concen: 38.54 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

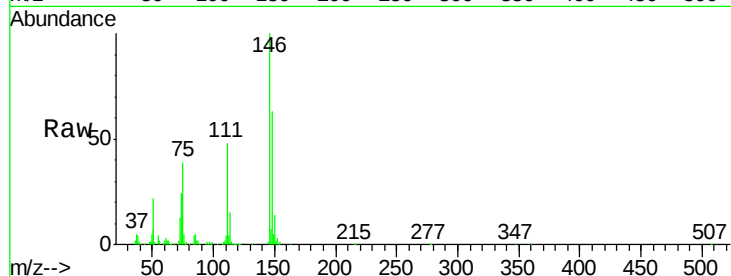
Tgt Ion:146 Resp: 462405

Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

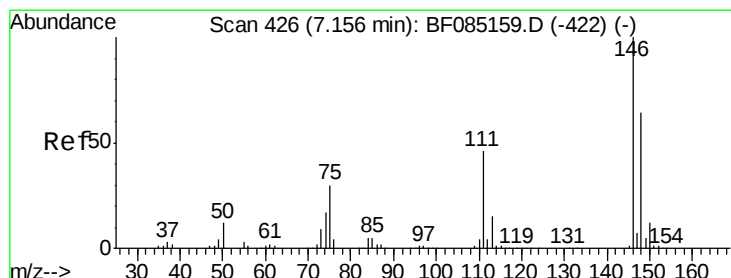
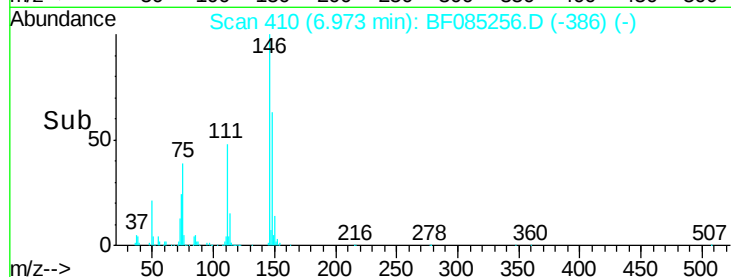
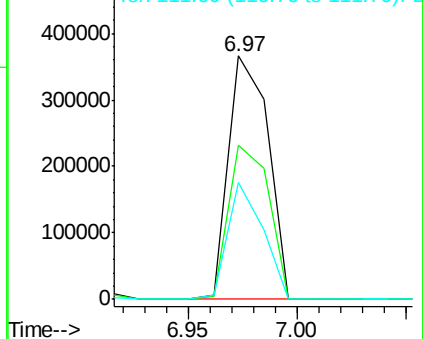
111 48.2 38.4 57.6



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: 41.45 ng

RT: 7.13 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

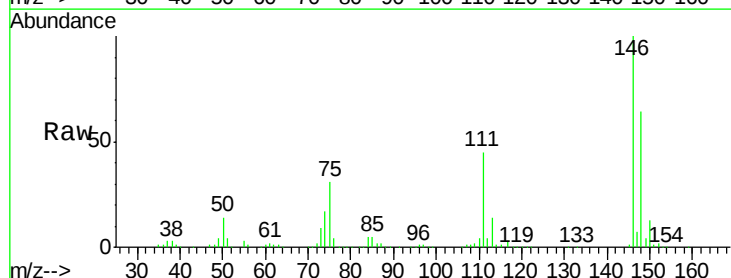
Tgt Ion:146 Resp: 451231

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

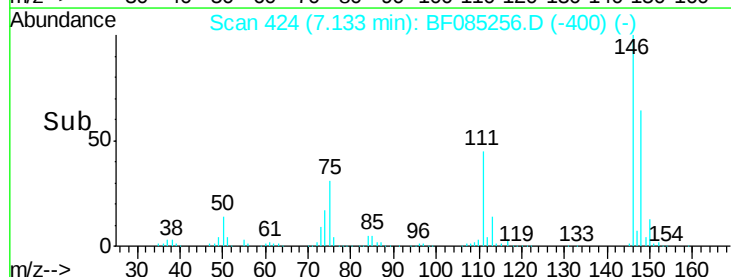
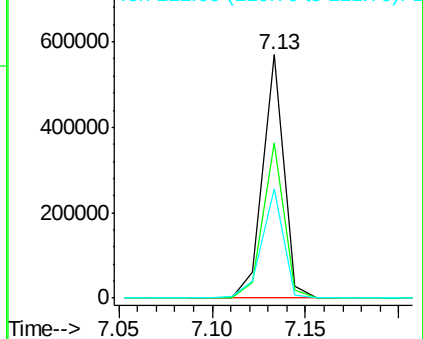
111 44.6 36.7 55.1

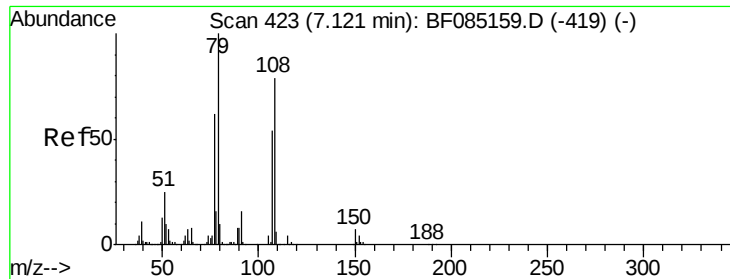


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.03 ng

RT: 7.10 min Scan# 421

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

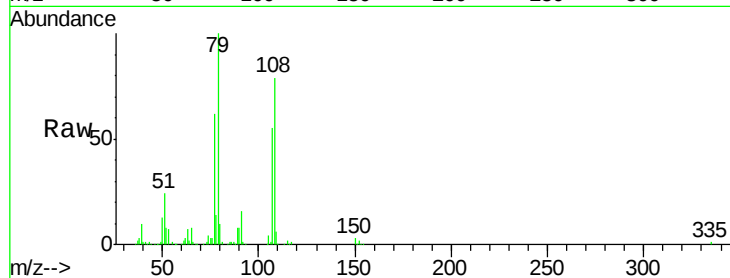
Tgt Ion: 79 Resp: 374480

Ion Ratio Lower Upper

79 100

108 79.4 62.9 94.3

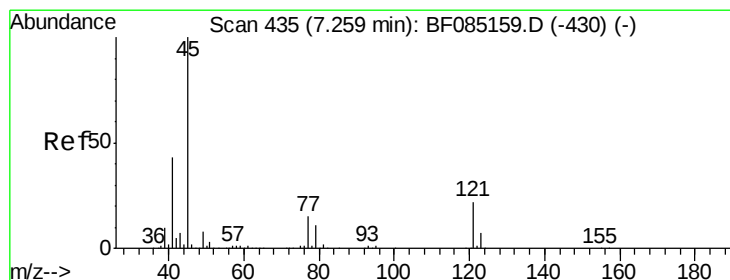
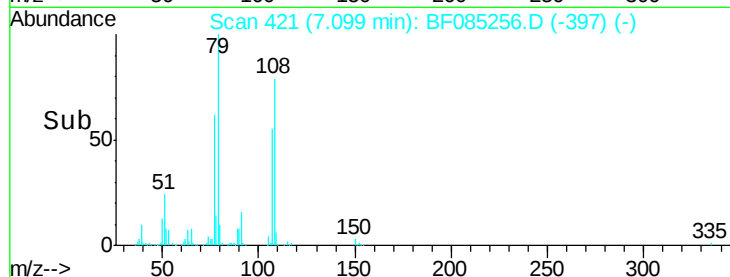
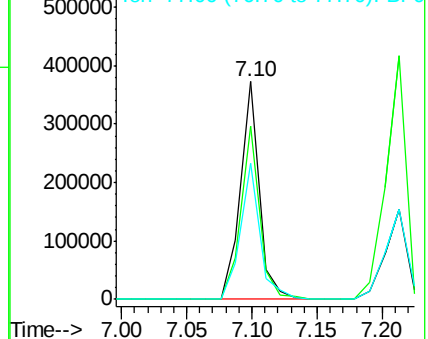
77 62.5 49.5 74.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.23 ng

RT: 7.24 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

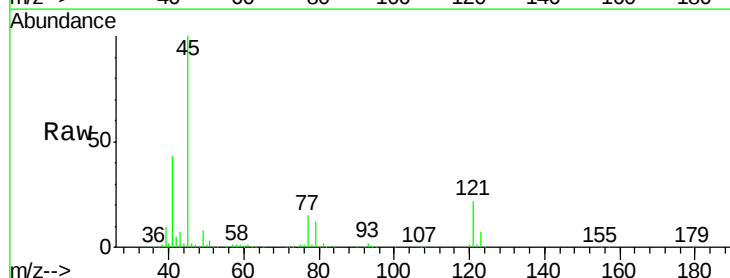
Tgt Ion: 45 Resp: 548297

Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.1

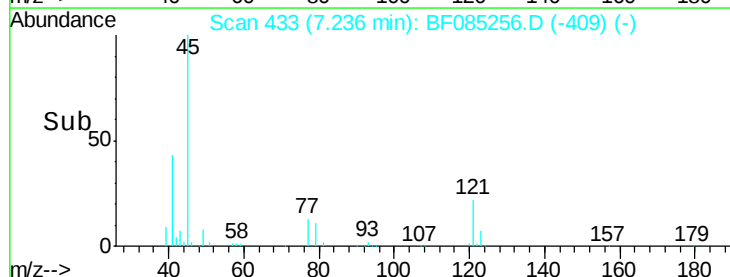
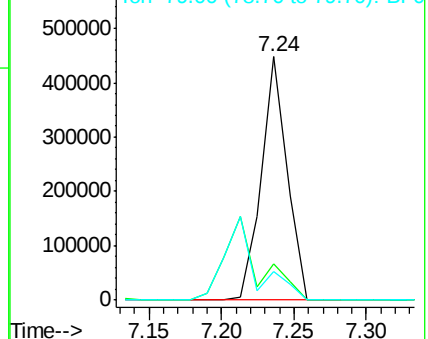
79 11.6 0.0 31.3

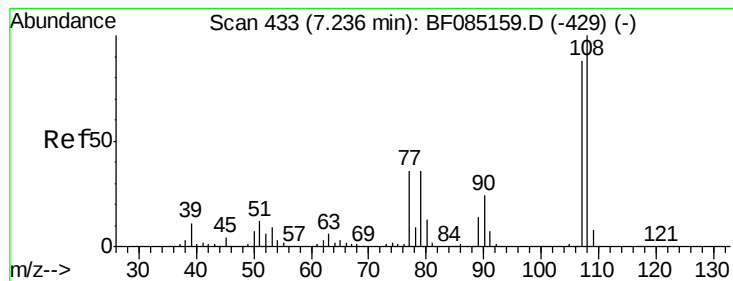


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 43.04 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

Tgt Ion:107 Resp: 391659

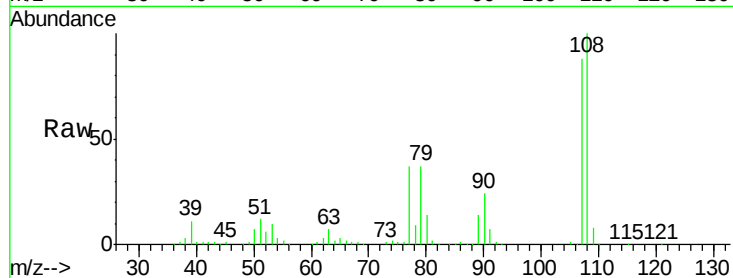
Ion Ratio Lower Upper

107 100

108 113.6 90.9 136.3

77 41.9 32.6 48.8

79 41.9 32.8 49.2

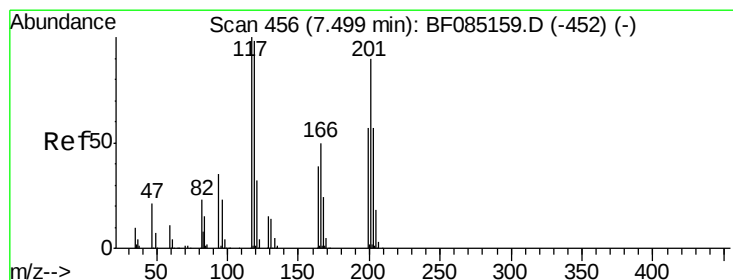
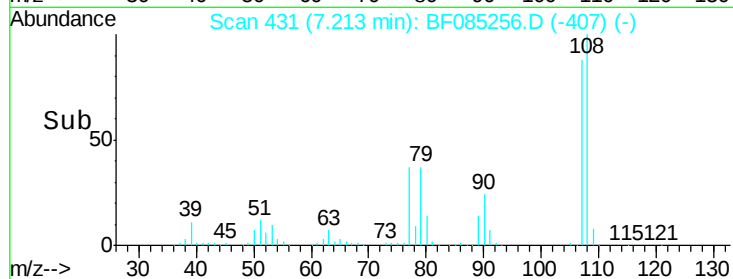
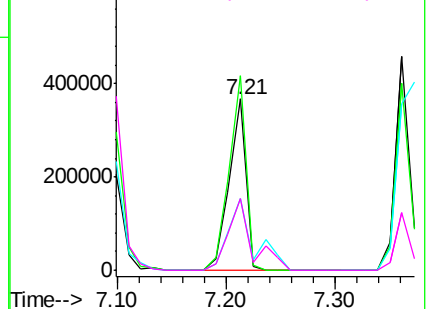


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.56 ng

RT: 7.48 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

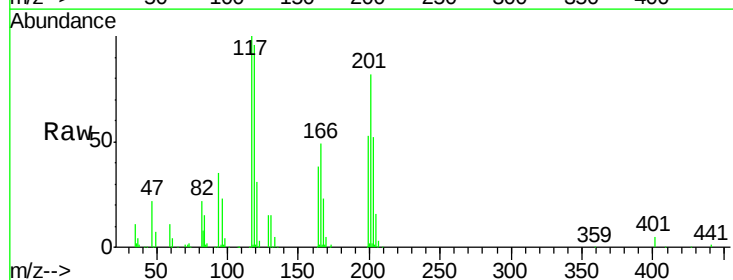
Tgt Ion:117 Resp: 175108

Ion Ratio Lower Upper

117 100

119 95.7 78.2 117.4

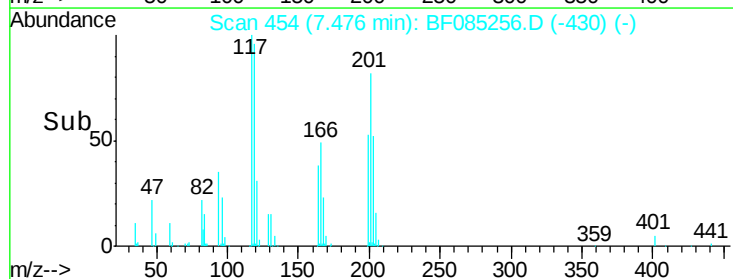
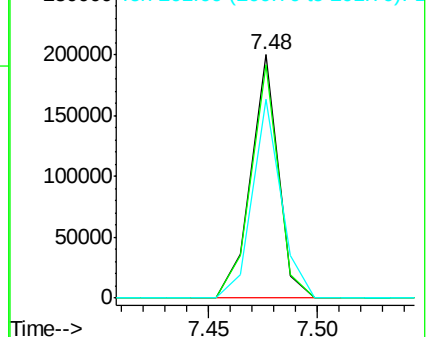
201 81.7 72.0 108.0

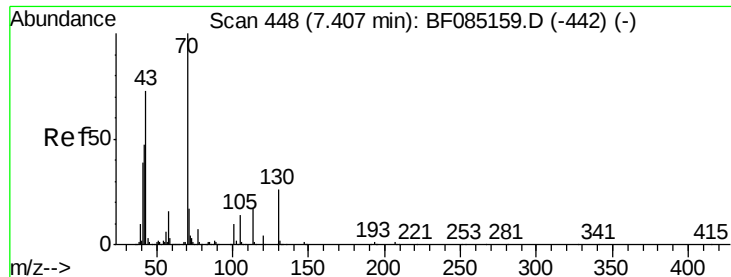


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

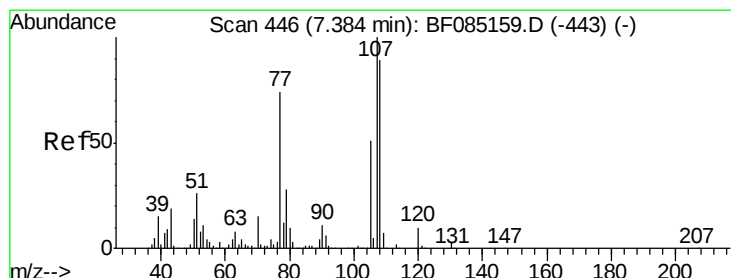
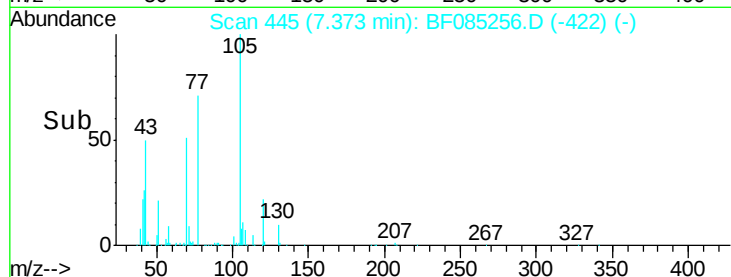
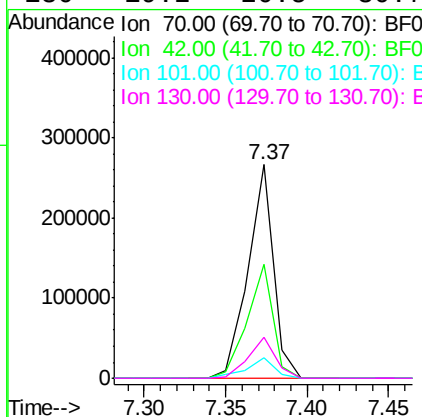
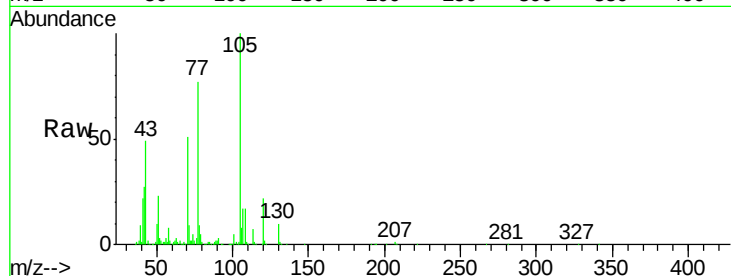




#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

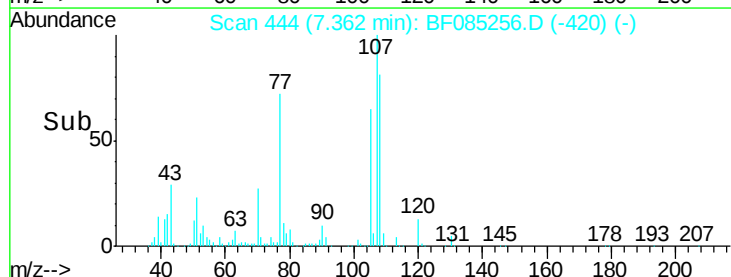
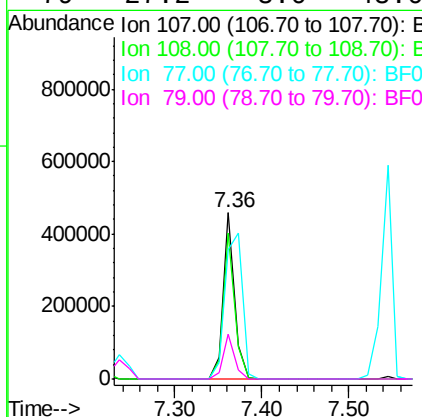
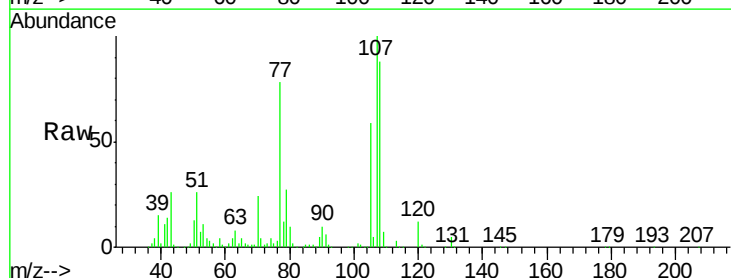
Instrument :
BNA_F
ClientSampleId :
PB88757BS

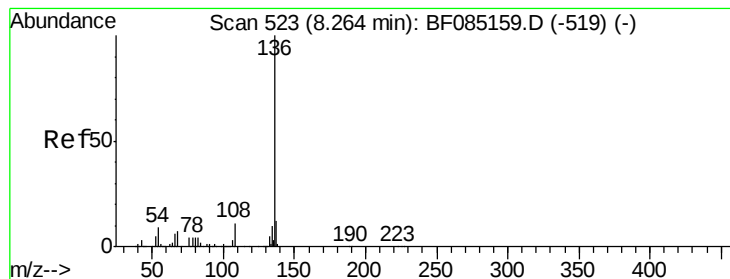
Tgt Ion: 70 Resp: 288857
Ion Ratio Lower Upper
70 100
42 53.3 37.7 56.5
101 9.4 8.2 12.4
130 19.2 20.5 30.7#



#20
3+4-Methylphenols
Concen: 39.34 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 107 Resp: 424076
Ion Ratio Lower Upper
107 100
108 87.7 68.8 108.8
77 77.7 53.6 93.6
79 27.2 8.0 48.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

Tgt Ion:136 Resp: 601846

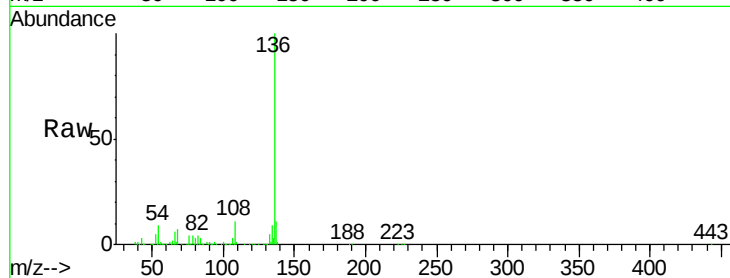
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.0 7.4 11.2

68 7.2 6.0 9.0

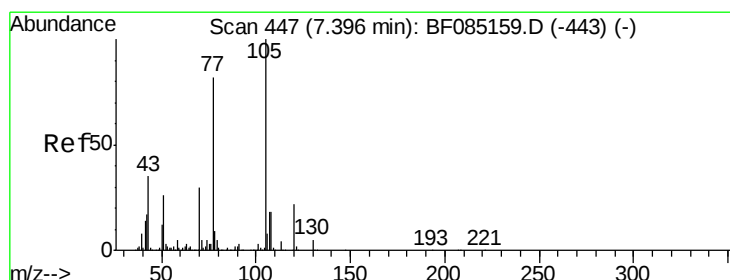
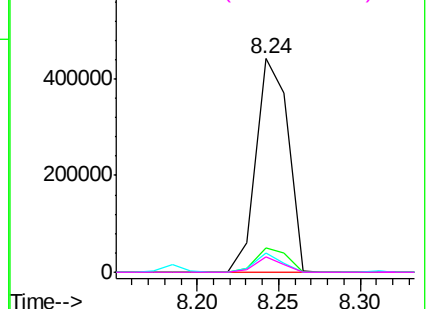
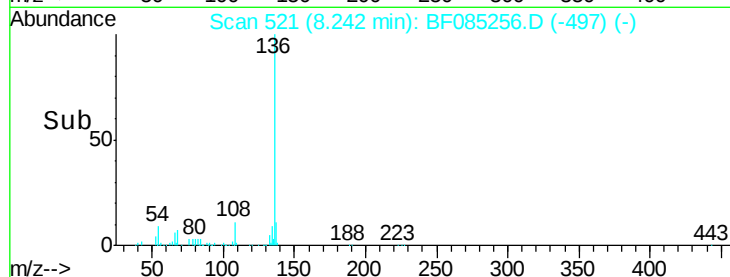


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 39.52 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Tgt Ion:105 Resp: 580517

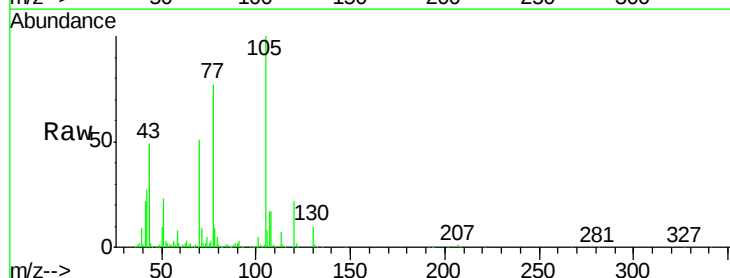
Ion Ratio Lower Upper

105 100

71 8.7 4.1 6.1#

51 23.2 21.1 31.7

120 21.9 17.3 25.9

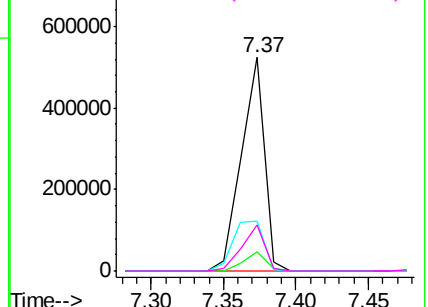
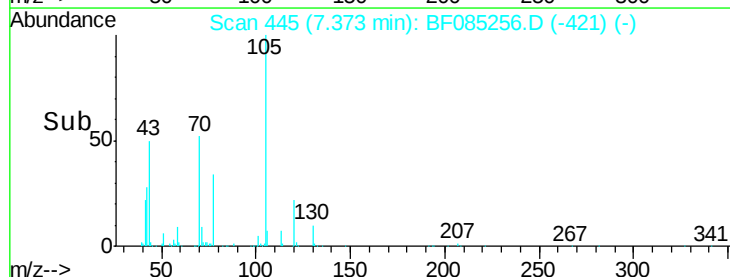


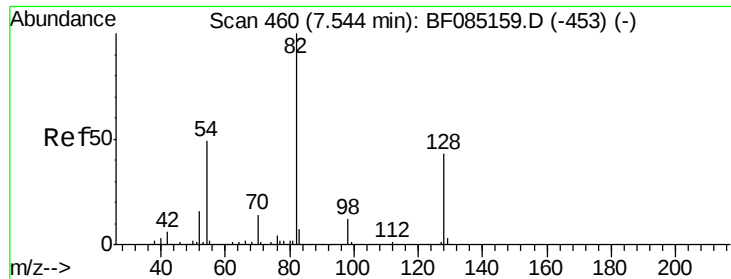
Abundance Ion 105.00 (104.70 to 105.70): E

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

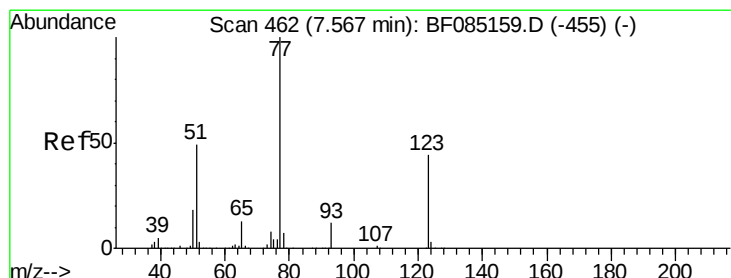
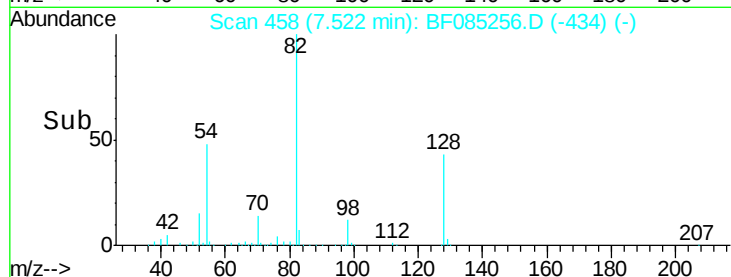
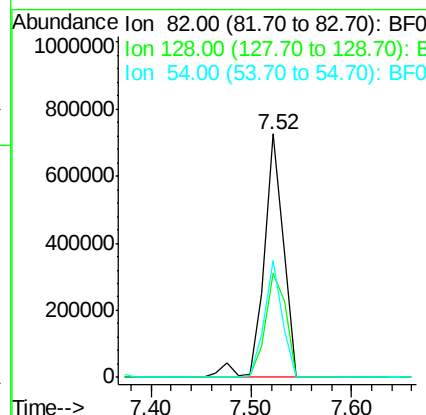
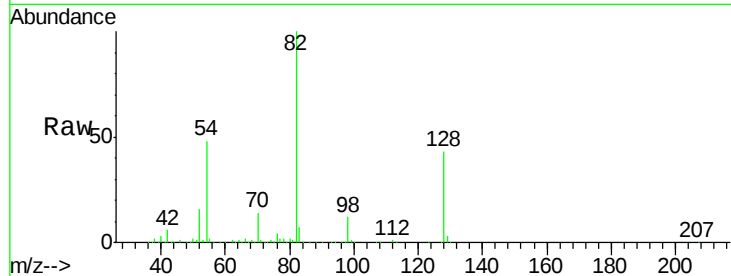




#23
 Nitrobenzene-d5
 Concen: 86.27 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

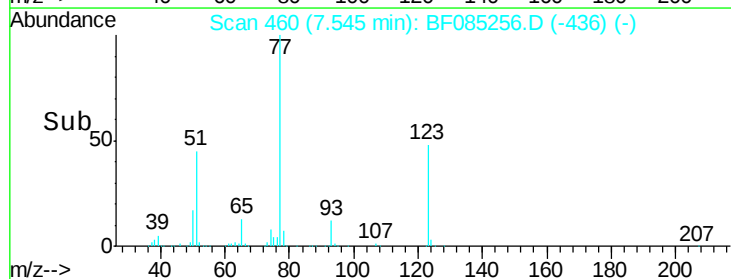
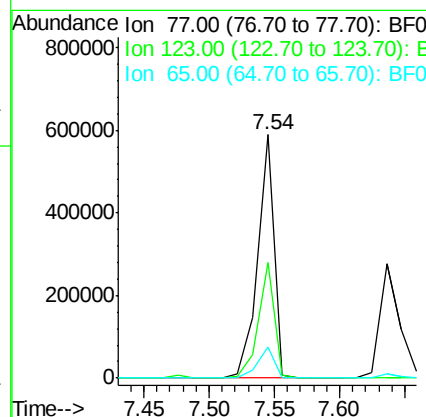
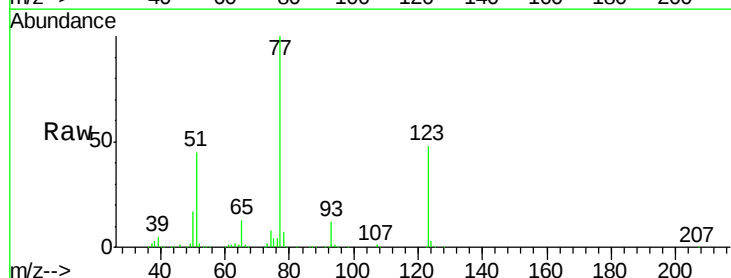
Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

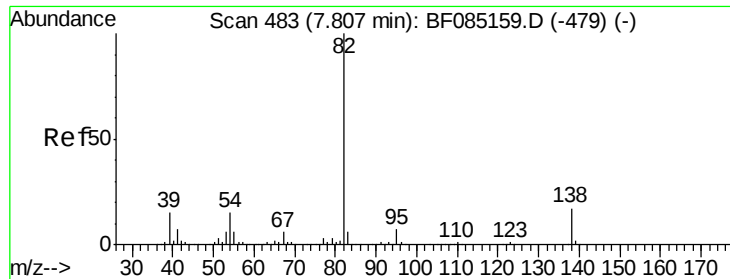
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.5	51.7
54	48.0	39.3	58.9



#24
 Nitrobenzene
 Concen: 45.46 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	35.4	53.2
65	12.8	10.6	16.0





#25

Isophorone

Concen: 41.85 ng

RT: 7.78 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

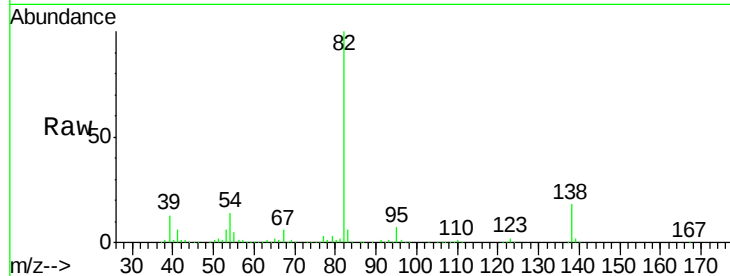
Tgt Ion: 82 Resp: 872233

Ion Ratio Lower Upper

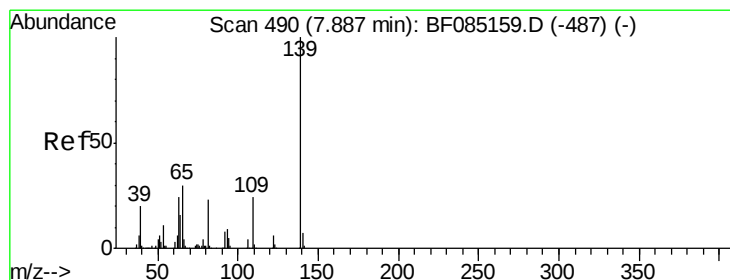
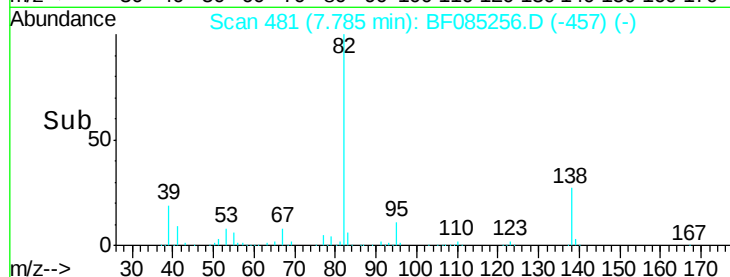
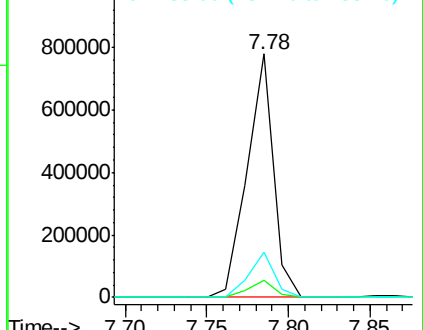
82 100

95 7.2 5.4 8.2

138 18.3 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.84 ng

RT: 7.86 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

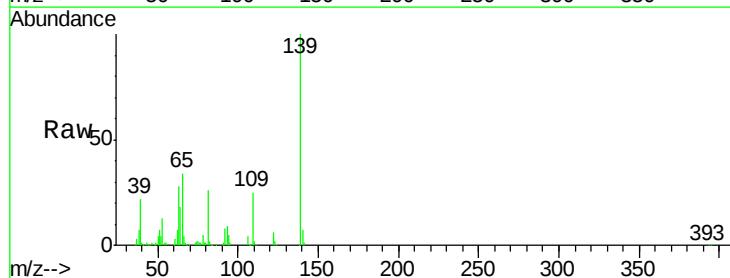
Tgt Ion: 139 Resp: 243746

Ion Ratio Lower Upper

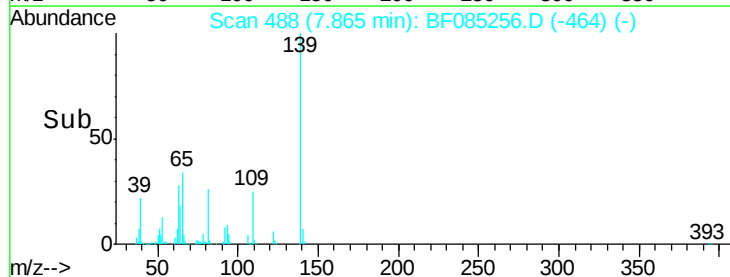
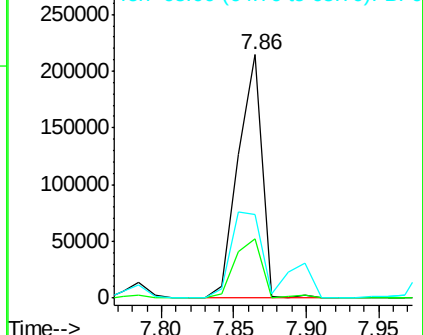
139 100

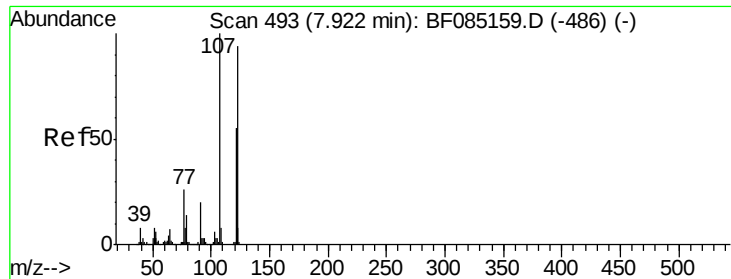
109 24.5 19.1 28.7

65 34.1 23.9 35.9



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





#27

2,4-Dimethylphenol

Concen: 45.76 ng

RT: 7.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

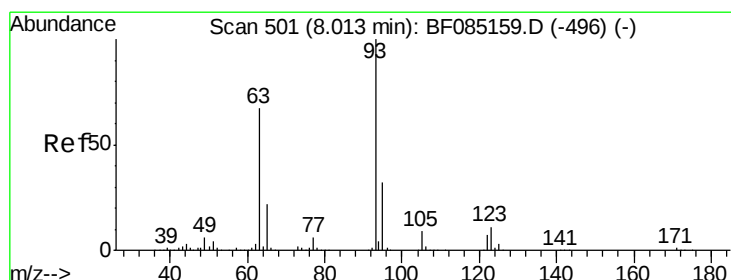
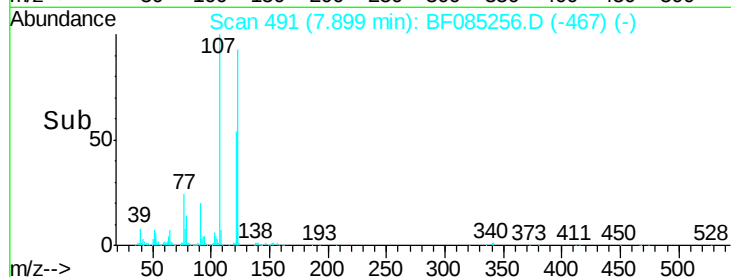
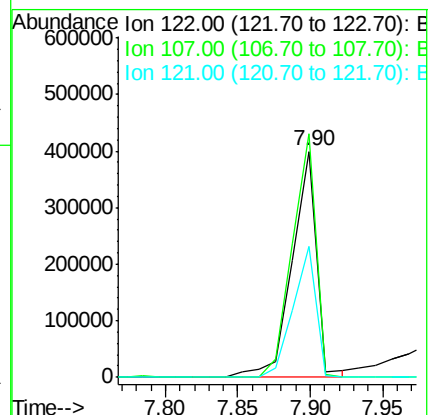
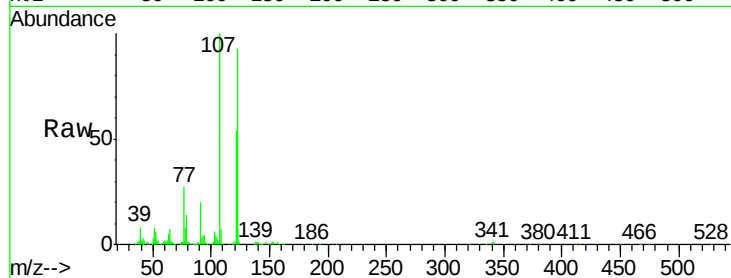
Tgt Ion:122 Resp: 464934

Ion Ratio Lower Upper

122 100

107 107.6 84.8 127.2

121 57.8 47.0 70.6



#28

bis(2-Chloroethoxy)methane

Concen: 42.99 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

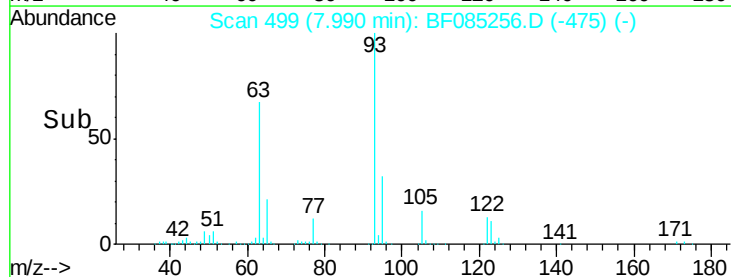
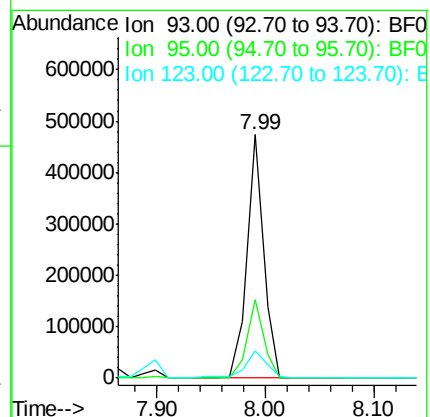
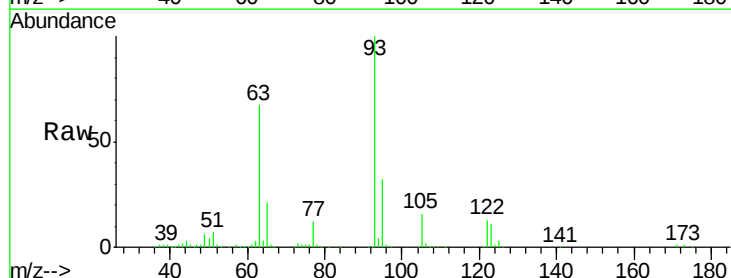
Tgt Ion: 93 Resp: 499014

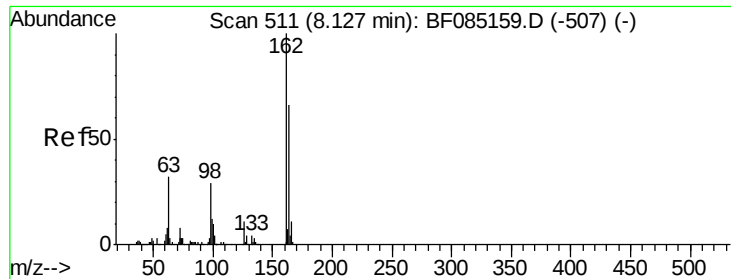
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.2 8.8 13.2

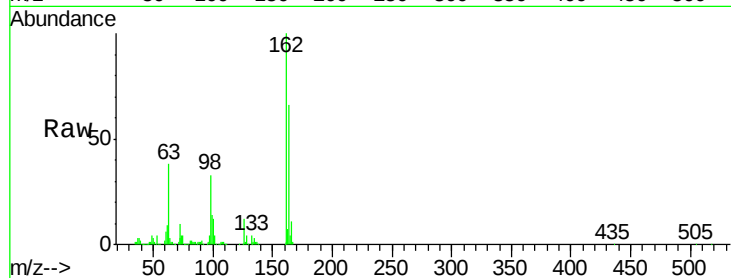




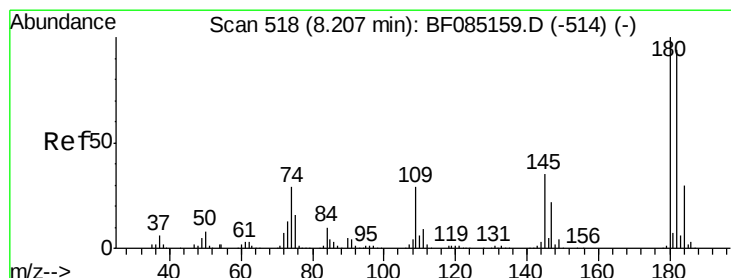
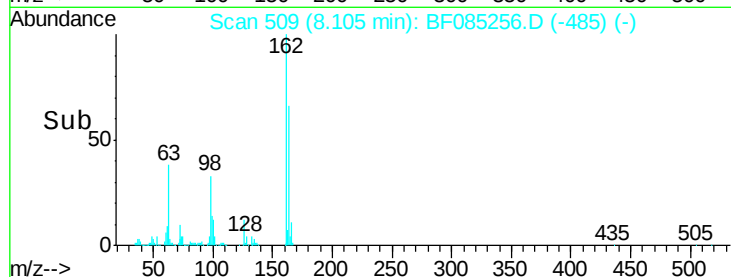
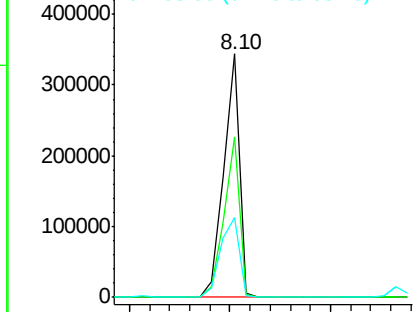
#29
2,4-Dichlorophenol
Concen: 45.69 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Tgt Ion:162 Resp: 374455
Ion Ratio Lower Upper
162 100
164 66.0 45.7 85.7
98 32.7 9.4 49.4

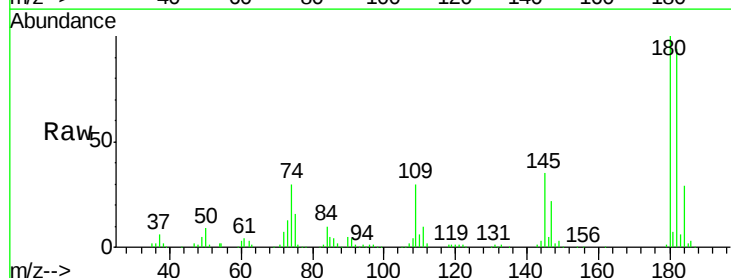


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

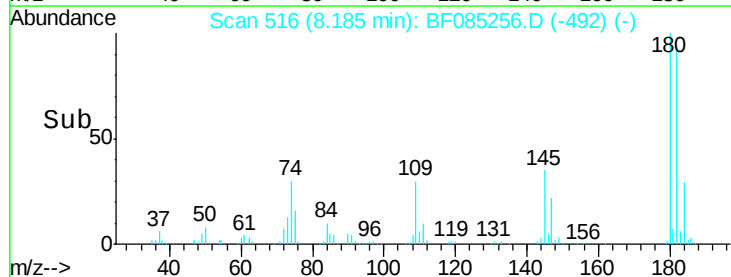
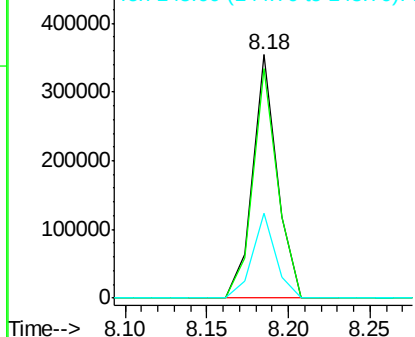


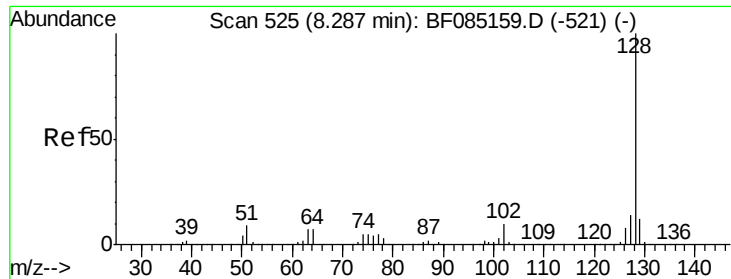
#30
1,2,4-Trichlorobenzene
Concen: 41.64 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:180 Resp: 368890
Ion Ratio Lower Upper
180 100
182 94.0 74.9 112.3
145 34.7 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

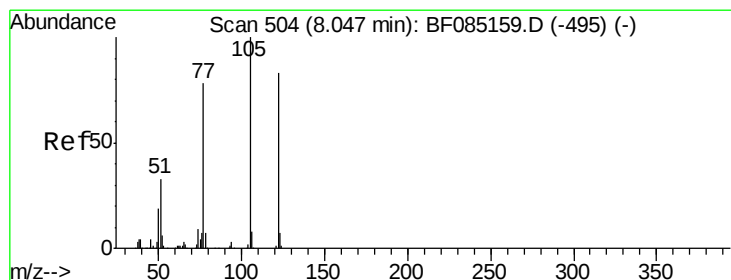
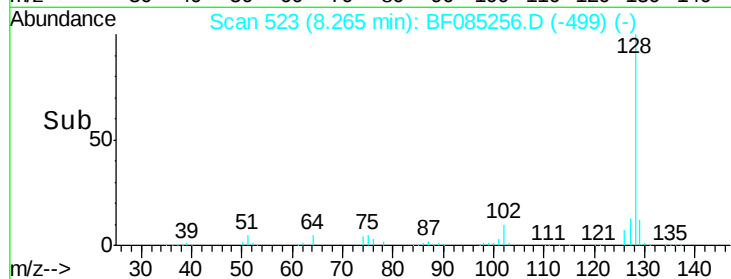
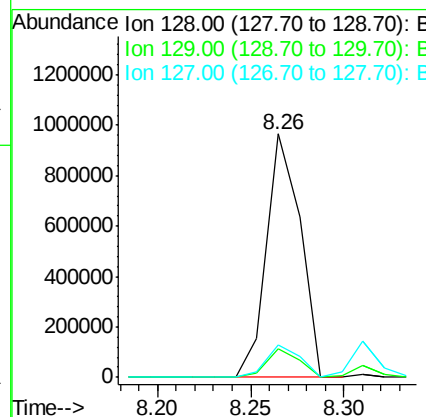
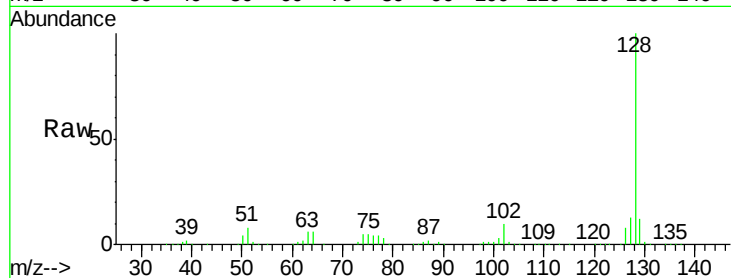




#31
Naphthalene
Concen: 40.79 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

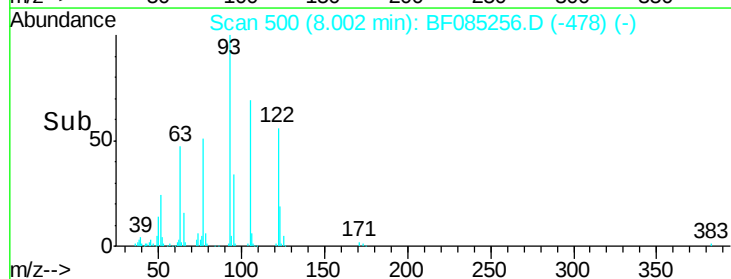
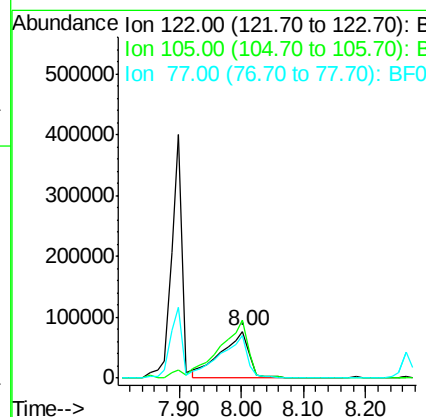
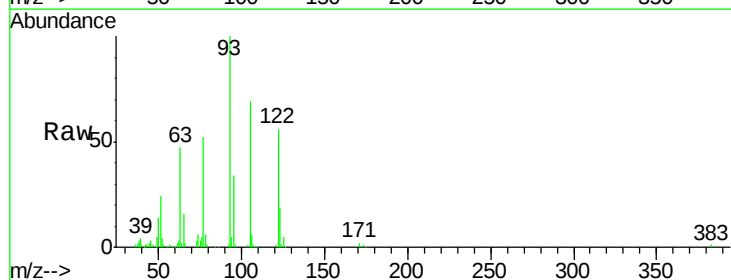
Instrument :
BNA_F
ClientSampleId :
PB88757BS

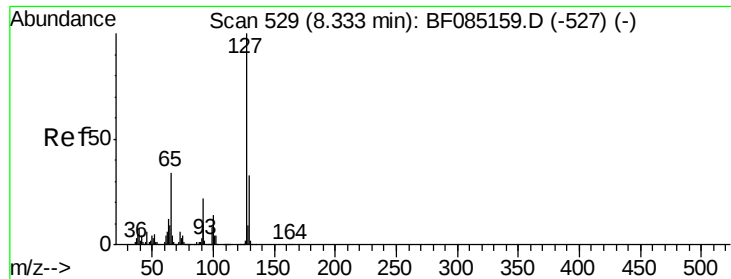
Tgt Ion:128 Resp: 1207214
Ion Ratio Lower Upper
128 100
129 11.8 9.7 14.5
127 13.4 11.2 16.8



#32
Benzoic acid
Concen: 36.24 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:122 Resp: 244599
Ion Ratio Lower Upper
122 100
105 122.7 101.3 141.3
77 92.3 74.7 114.7

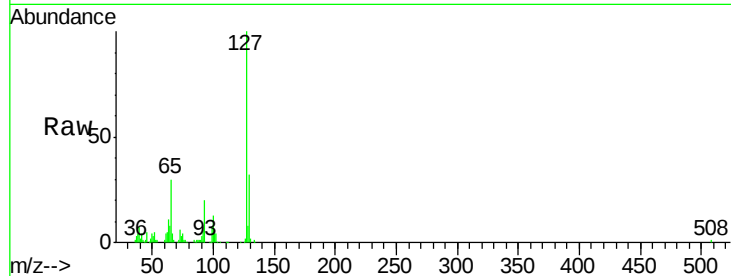




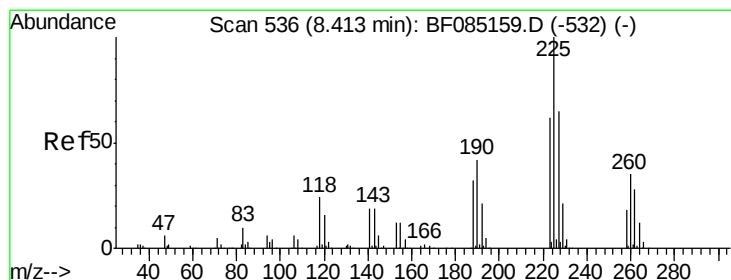
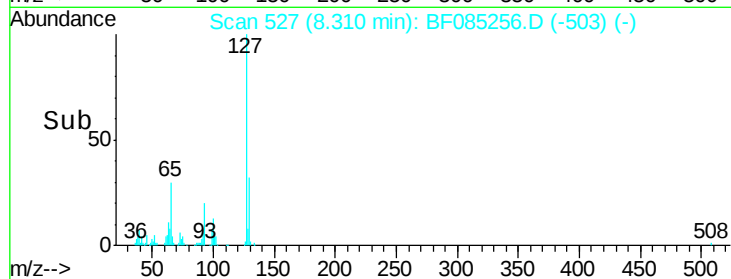
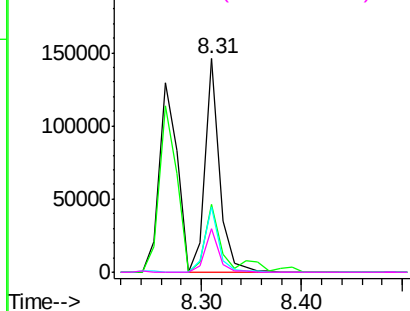
#33
4-Chloroaniline
Concen: 12.25 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Tgt Ion:	127	Resp:	146654
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.5	27.0	40.6
92	20.2	17.4	26.0

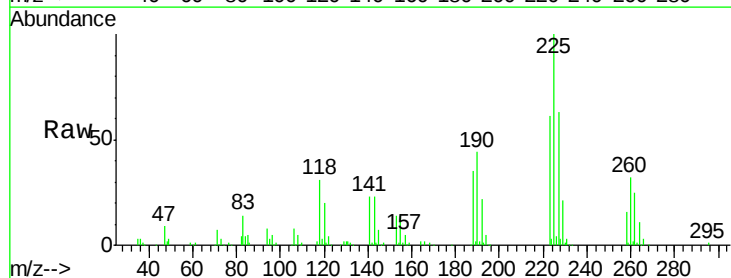


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

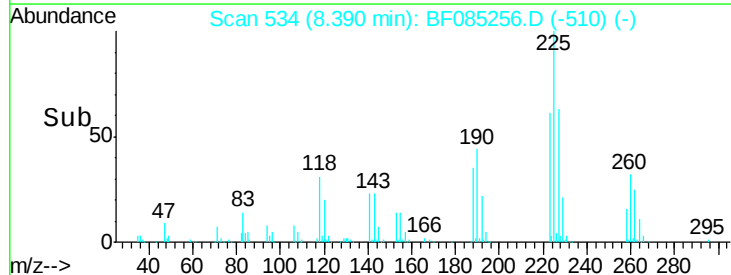
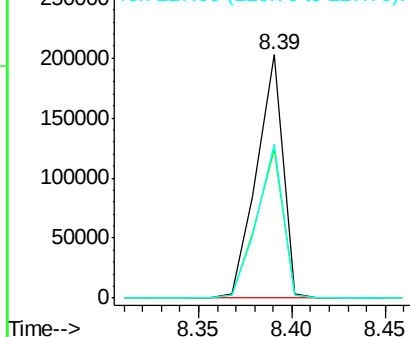


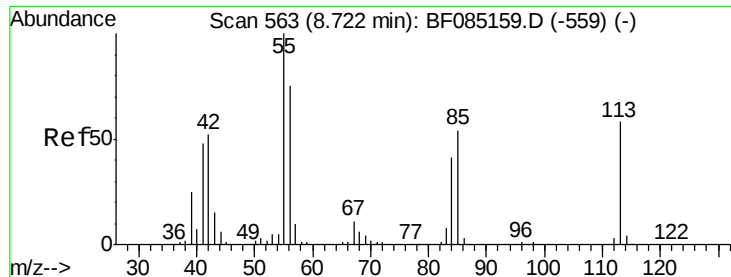
#34
Hexachlorobutadiene
Concen: 43.73 ng
RT: 8.39 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:	225	Resp:	201592
Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	63.1	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

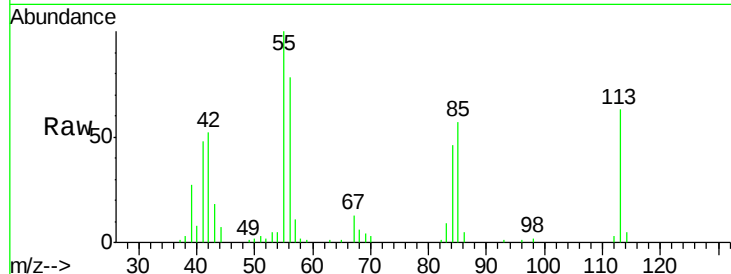




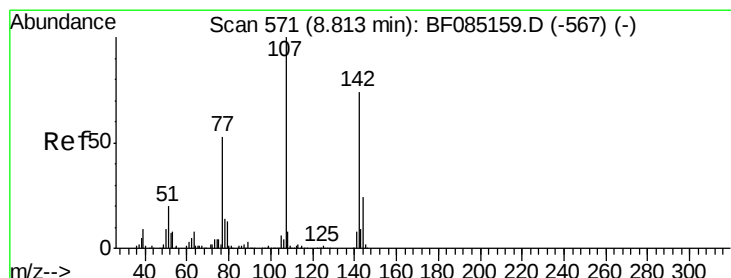
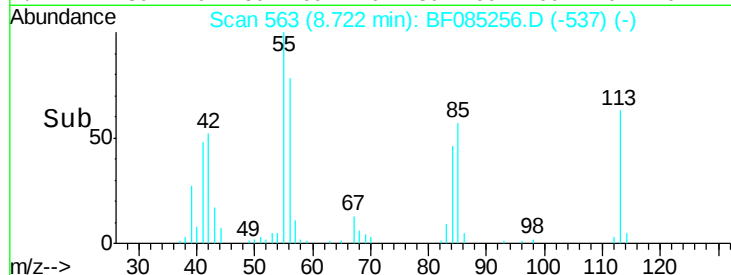
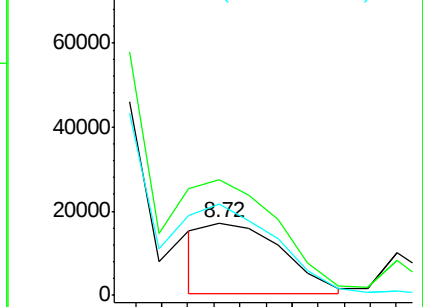
#35
 Caprolactam
 Concen: 12.85 ng
 RT: 8.72 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:113 Resp: 34390
 Ion Ratio Lower Upper
 113 100
 55 159.6 152.7 192.7
 56 125.2 109.0 149.0

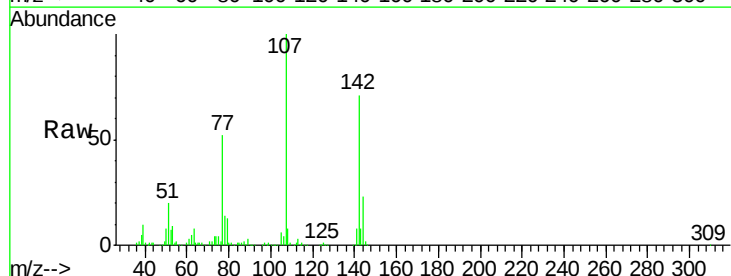


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

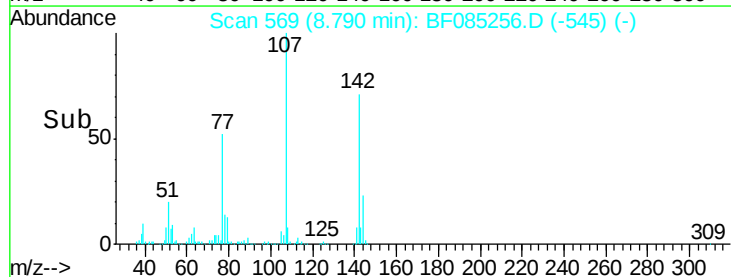
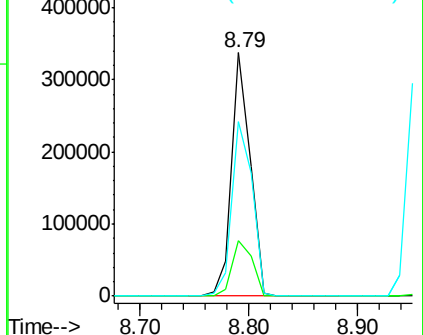


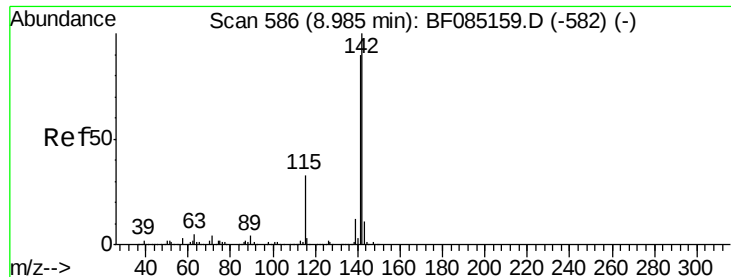
#36
 4-Chloro-3-methylphenol
 Concen: 42.53 ng
 RT: 8.79 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:107 Resp: 395418
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.4 29.2
 142 71.5 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

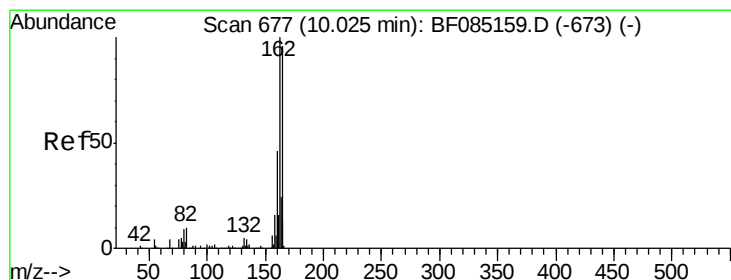
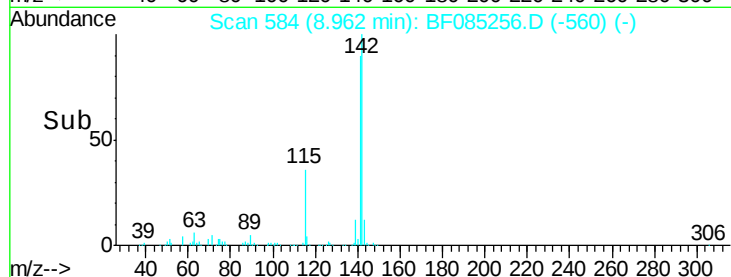
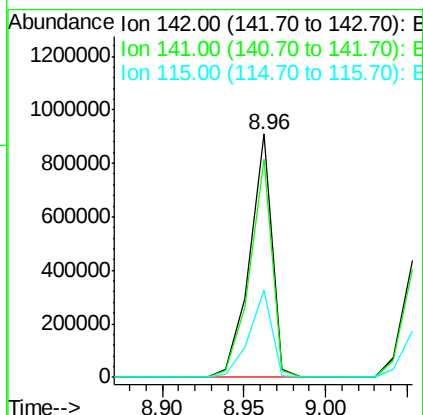
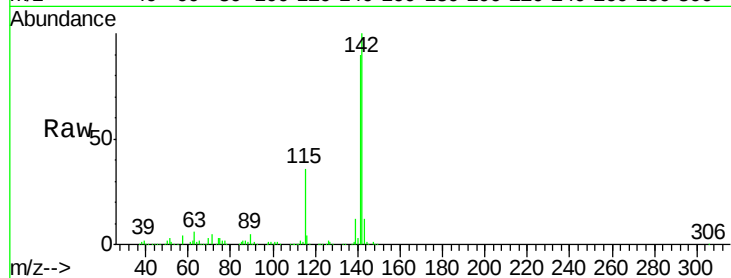




#37
 2-Methylnaphthalene
 Concen: 45.79 ng
 RT: 8.96 min Scan# 584
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

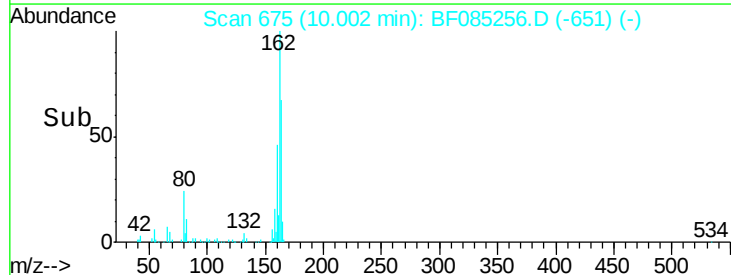
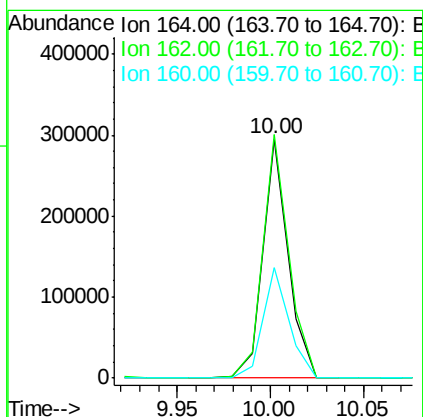
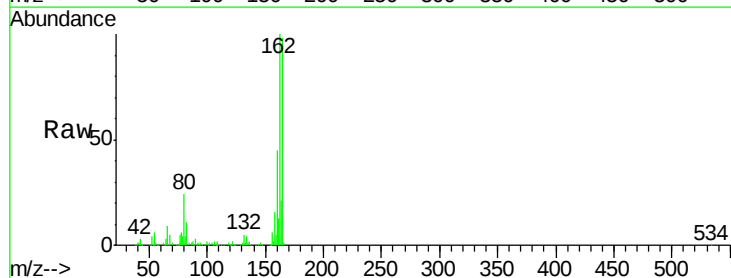
Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

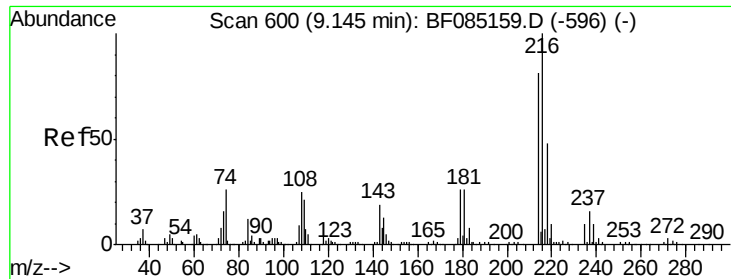
Tgt Ion:142 Resp: 869545
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.7 107.5
 115 35.7 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:164 Resp: 275752
 Ion Ratio Lower Upper
 164 100
 162 101.8 83.3 124.9
 160 46.0 37.9 56.9

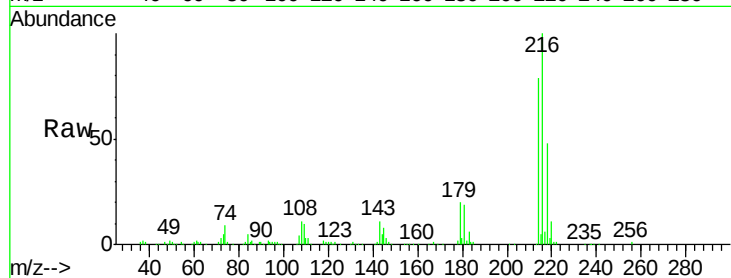




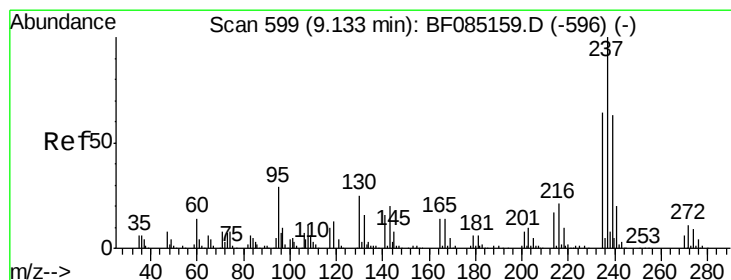
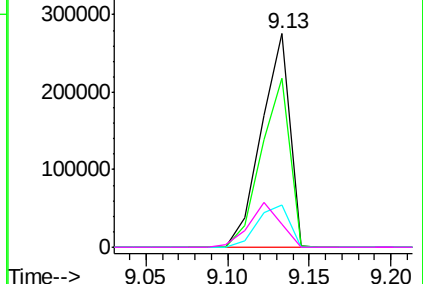
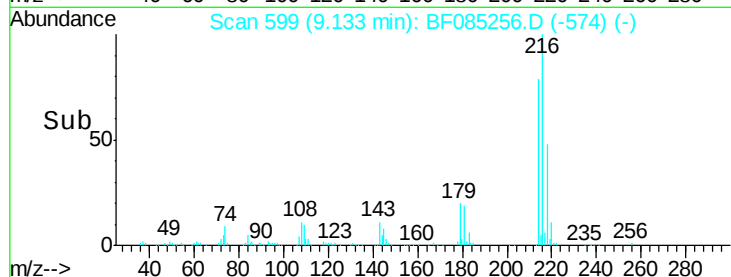
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.27 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:	216	Resp:	333336
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.2	19.6	29.4
108	23.2	19.6	29.4

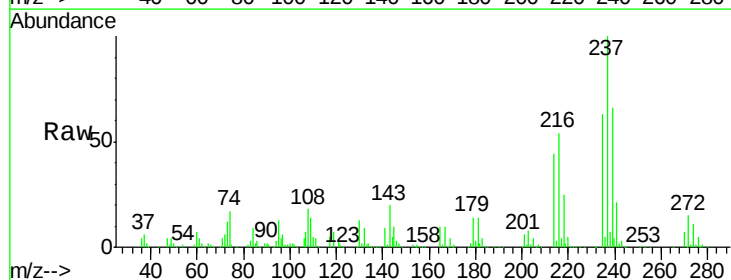


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

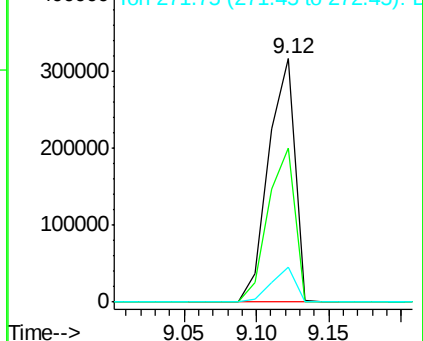
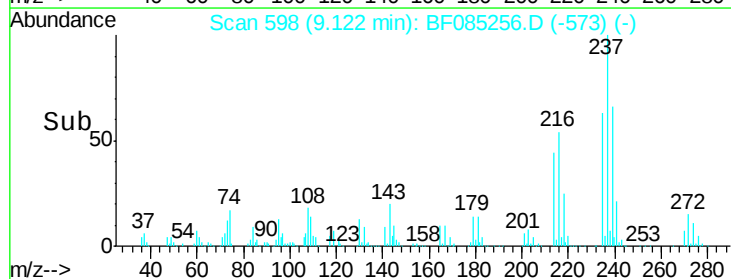


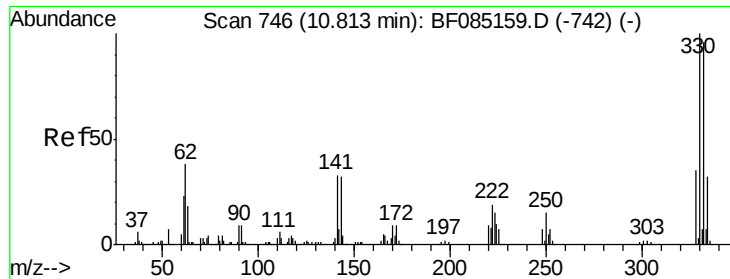
#40
 Hexachlorocyclopentadiene
 Concen: 93.80 ng
 RT: 9.12 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:	237	Resp:	398953
Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	14.5	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

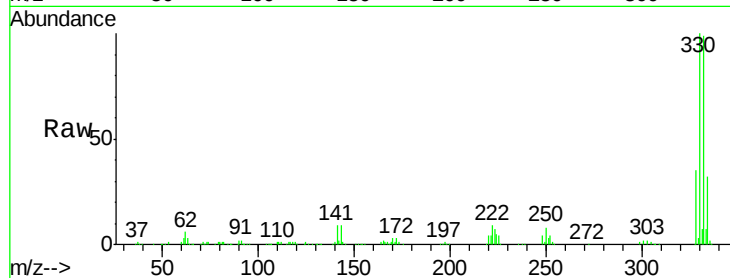




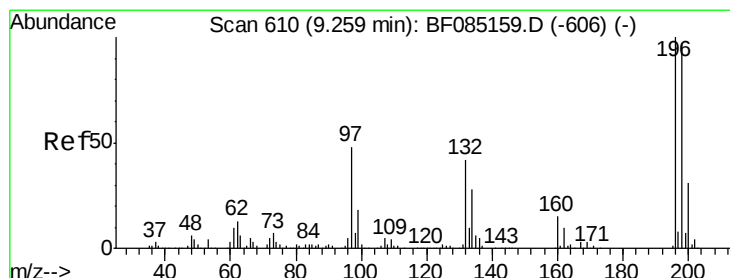
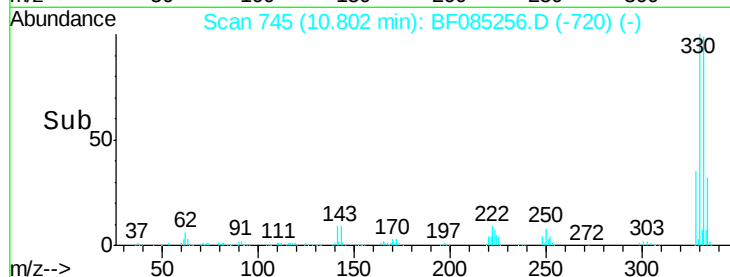
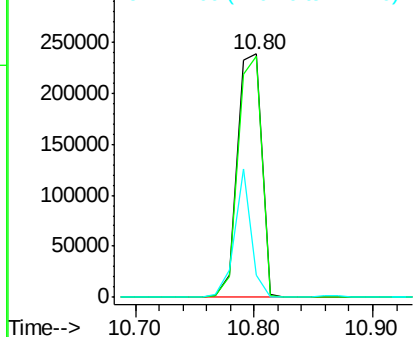
#41
 2,4,6-Tribromophenol
 Concen: 144.60 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:330 Resp: 341193
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 35.8 35.0 52.6

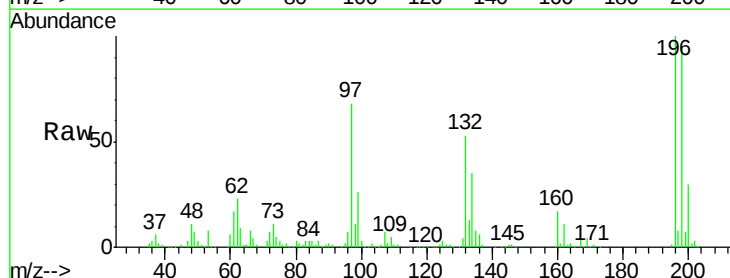


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

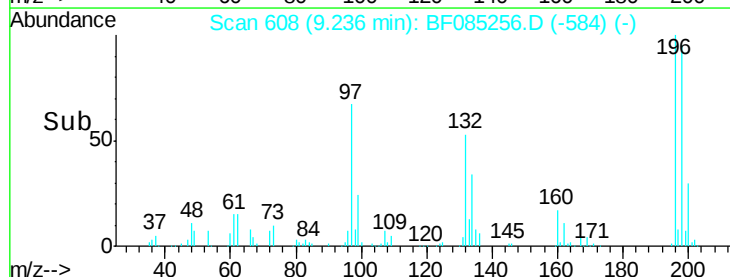
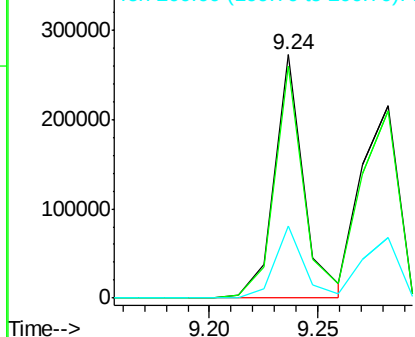


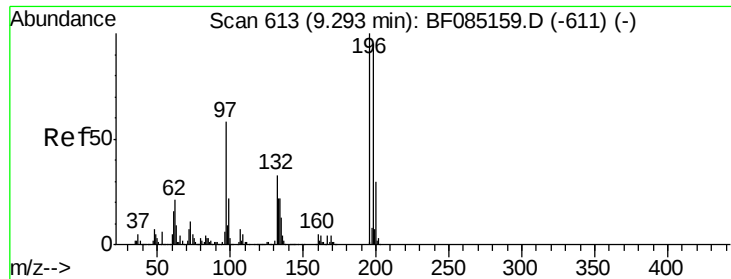
#42
 2,4,6-Trichlorophenol
 Concen: 43.74 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:196 Resp: 256790
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.8 116.6
 200 29.9 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

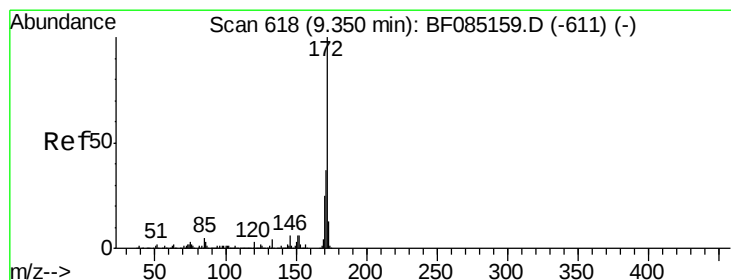
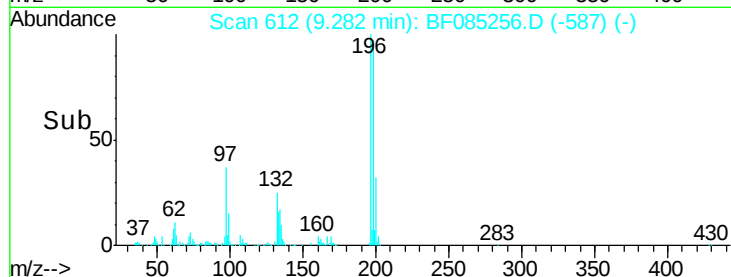
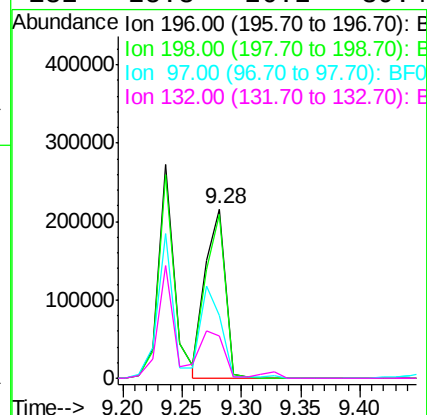
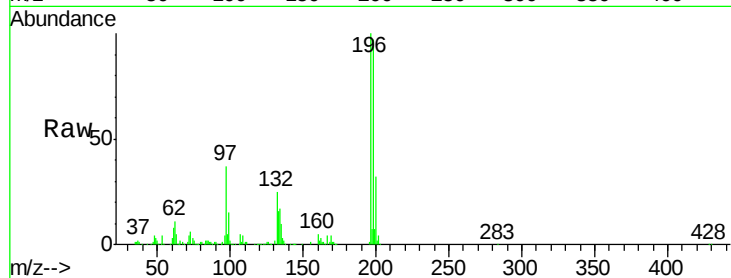




#43
 2,4,5-Trichlorophenol
 Concen: 46.15 ng
 RT: 9.28 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

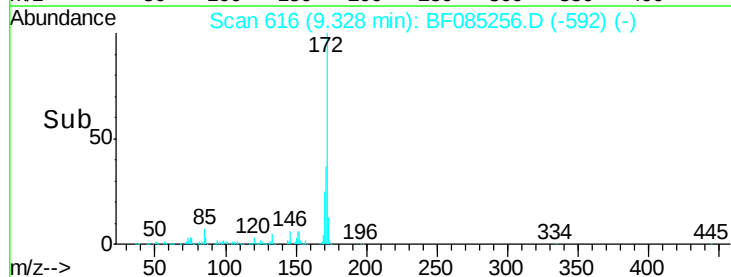
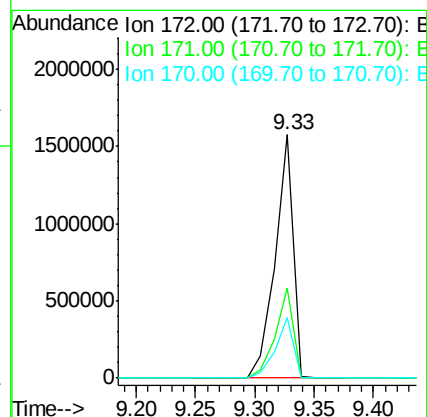
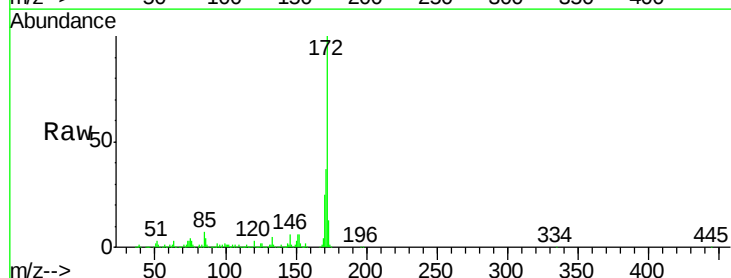
Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

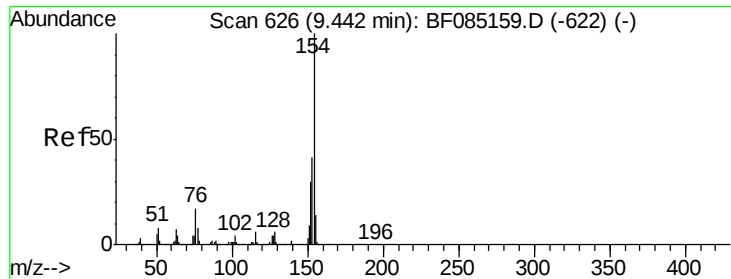
Tgt Ion:196 Resp: 256849
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.7 113.5
 97 37.2 46.4 69.6#
 132 25.3 26.2 39.4#



#44
 2-Fluorobiphenyl
 Concen: 92.55 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:172 Resp: 1678180
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.3 43.9
 170 24.8 20.0 30.0

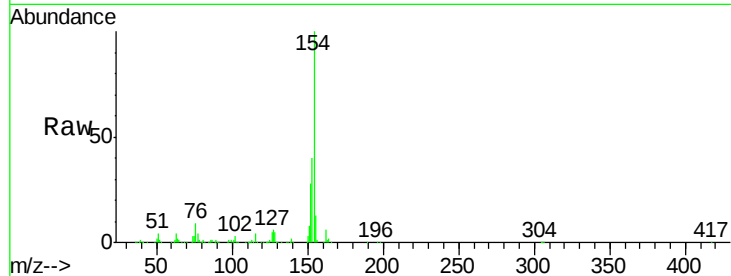




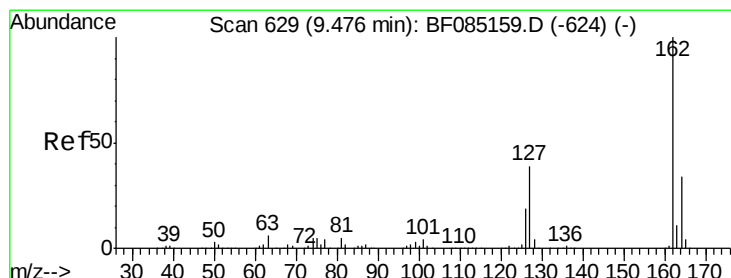
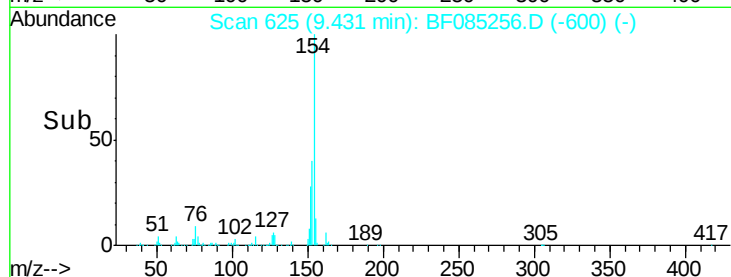
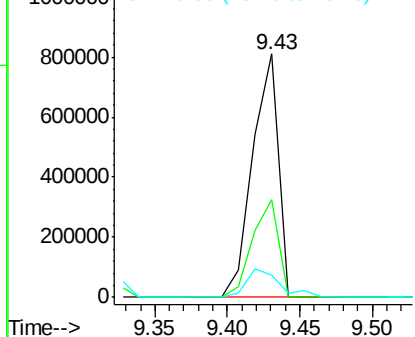
#45
 1,1'-Biphenyl
 Concen: 42.14 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:154 Resp: 992689
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.4 61.4
 76 9.2 0.0 37.5

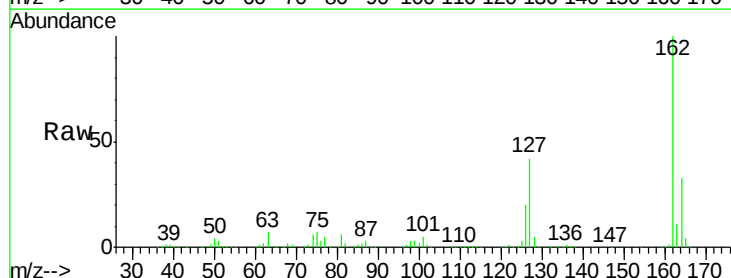


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

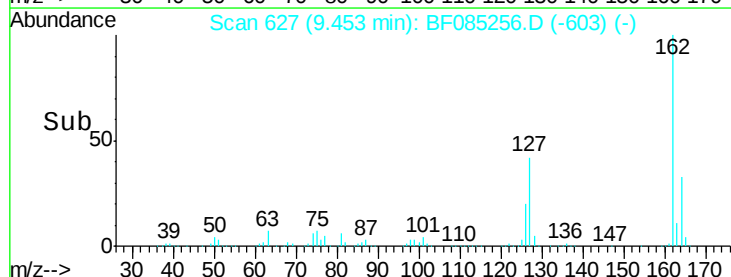
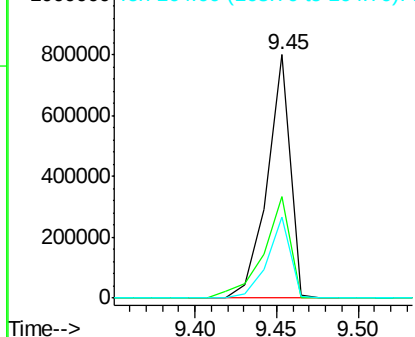


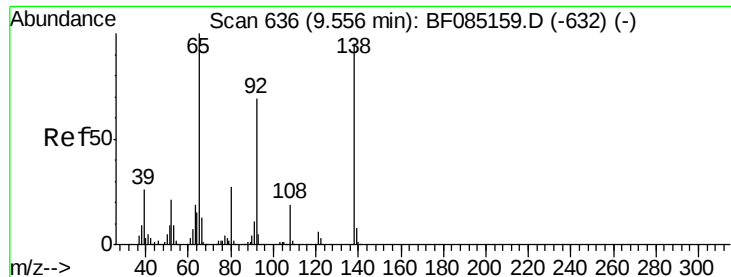
#46
 2-Chloronaphthalene
 Concen: 43.94 ng
 RT: 9.45 min Scan# 627
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:162 Resp: 788998
 Ion Ratio Lower Upper
 162 100
 127 42.0 31.6 47.4
 164 33.1 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: 46.58 ng

RT: 9.54 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

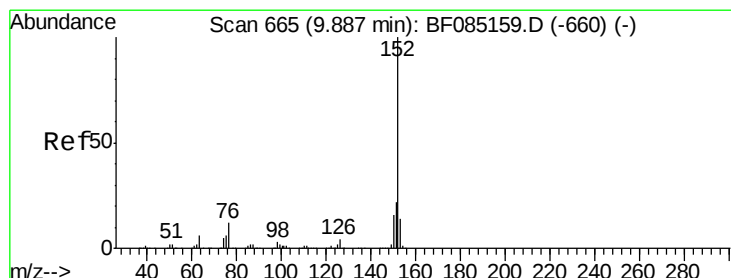
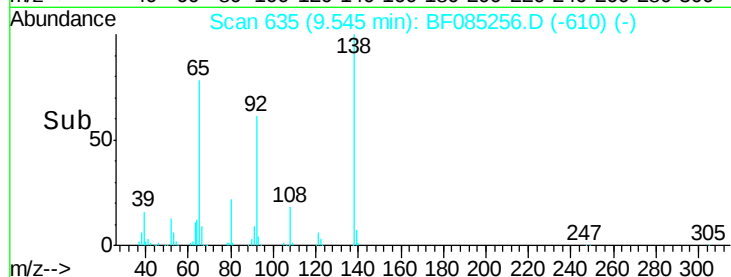
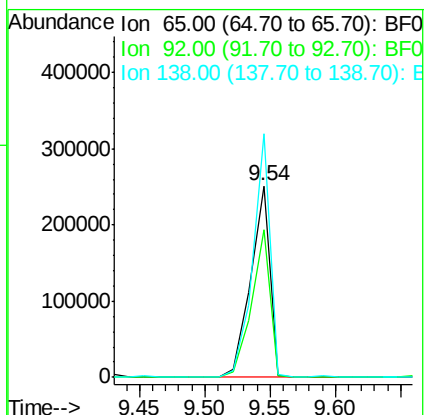
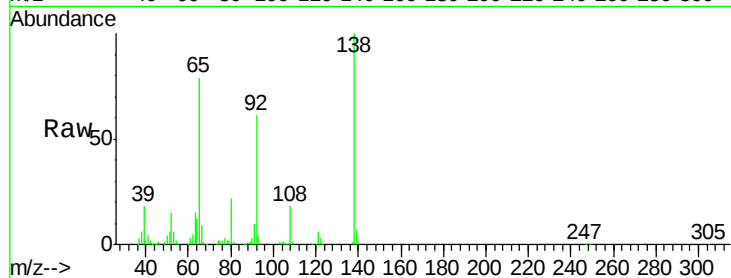
Tgt Ion: 65 Resp: 259178

Ion Ratio Lower Upper

65 100

92 77.2 55.4 83.2

138 127.0 75.7 113.5#



#48

Acenaphthylene

Concen: 41.34 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

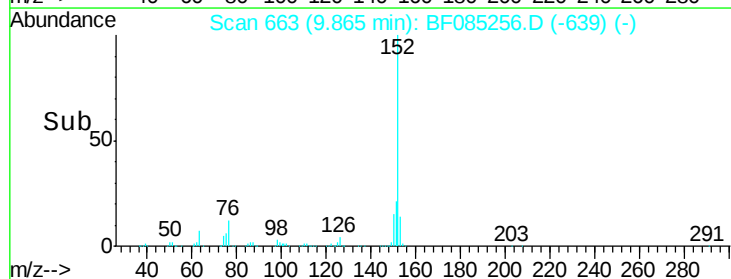
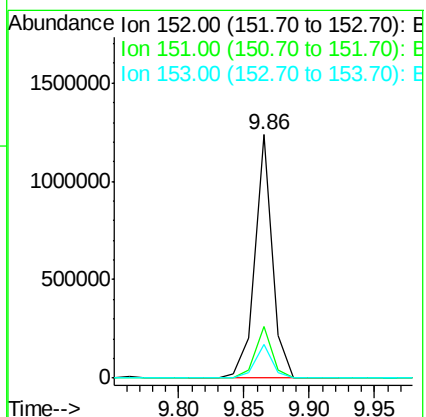
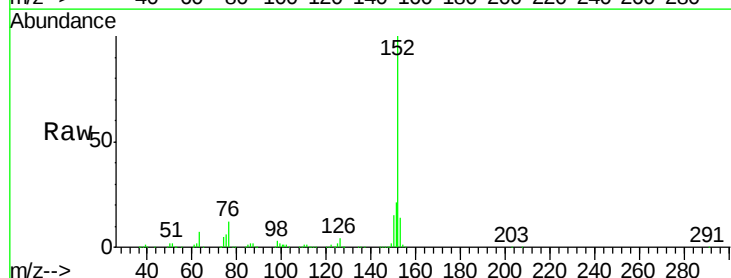
Tgt Ion: 152 Resp: 1155461

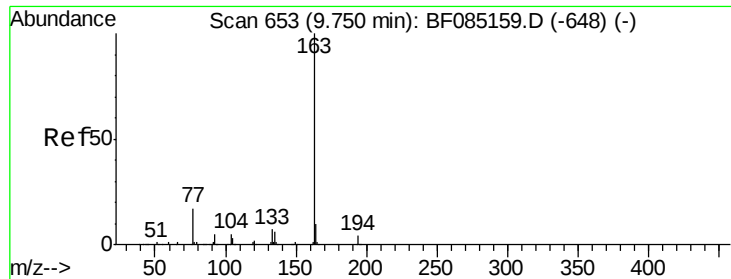
Ion Ratio Lower Upper

152 100

151 21.0 17.5 26.3

153 13.8 11.3 16.9

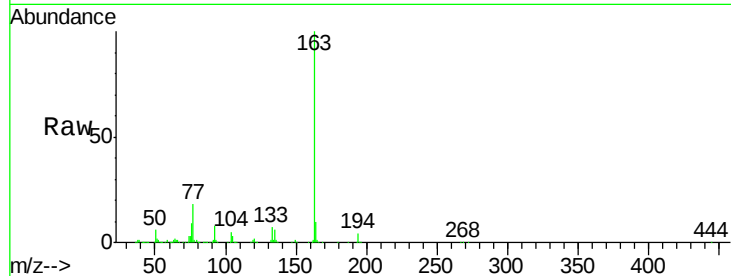




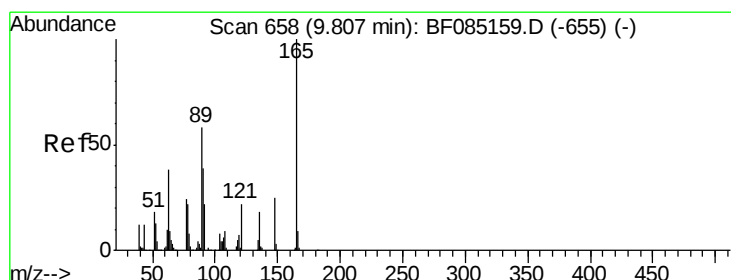
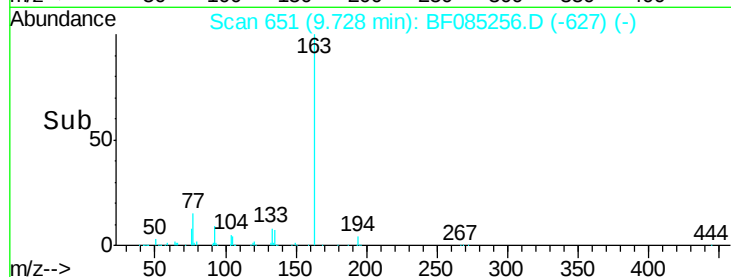
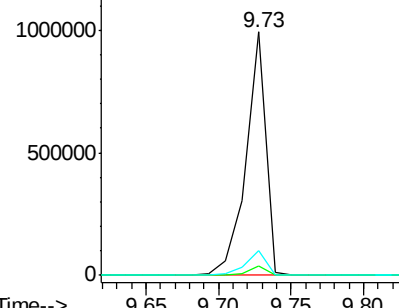
#49
Dimethylphthalate
Concen: 44.55 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Tgt Ion:163 Resp: 942864
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.0 8.2 12.4

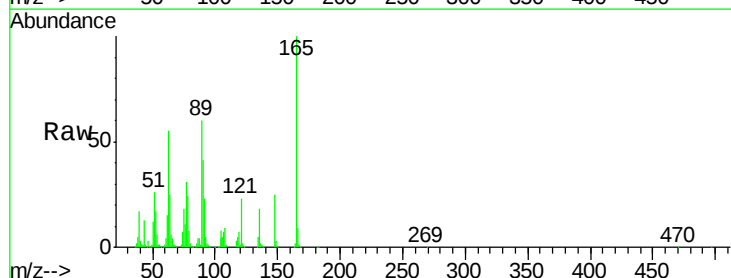


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

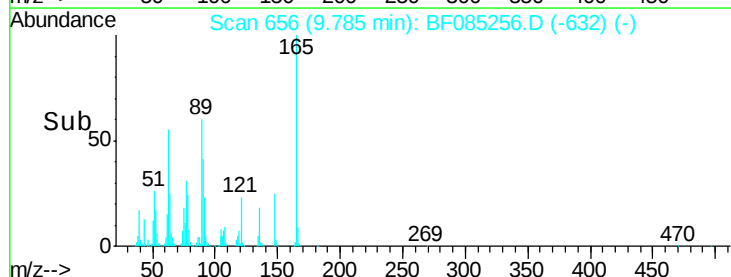
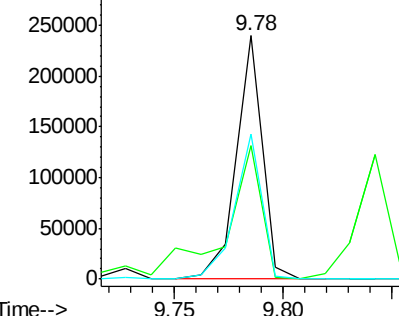


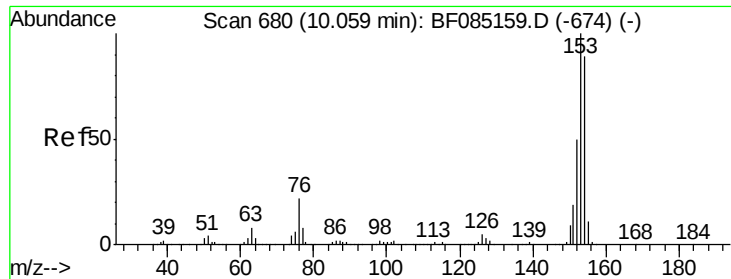
#50
2,6-Dinitrotoluene
Concen: 44.06 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:165 Resp: 199484
Ion Ratio Lower Upper
165 100
63 55.0 41.8 62.8
89 59.6 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: 46.86 ng

RT: 10.04 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

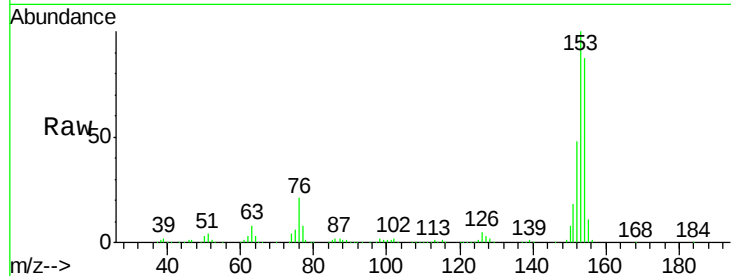
Tgt Ion:154 Resp: 795296

Ion Ratio Lower Upper

154 100

153 114.6 89.8 134.8

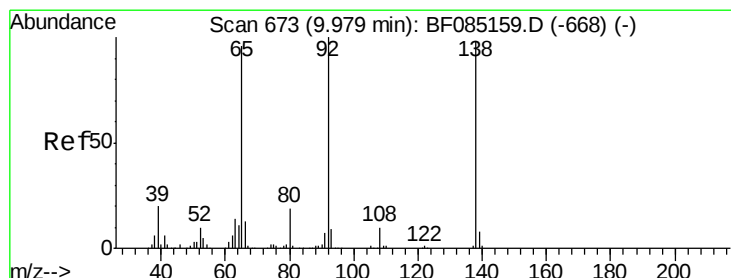
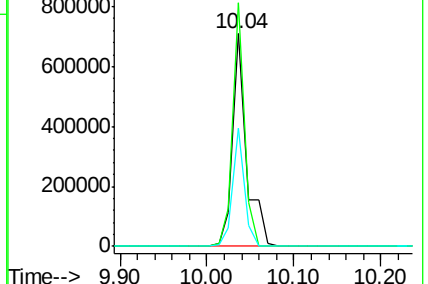
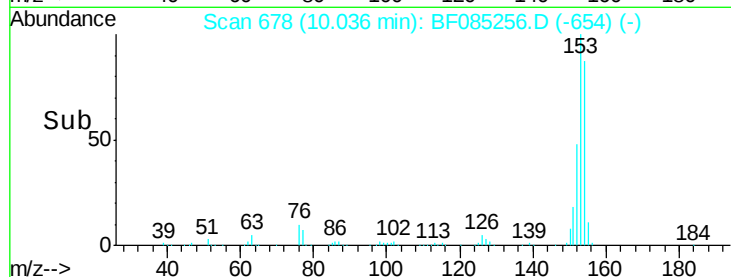
152 55.5 44.6 66.8



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: 20.32 ng

RT: 9.96 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

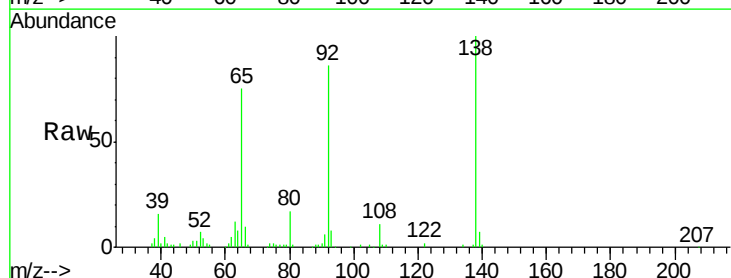
Tgt Ion:138 Resp: 110080

Ion Ratio Lower Upper

138 100

108 10.7 7.8 11.6

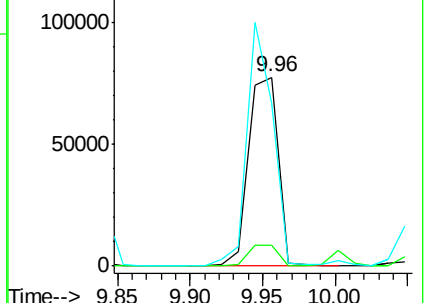
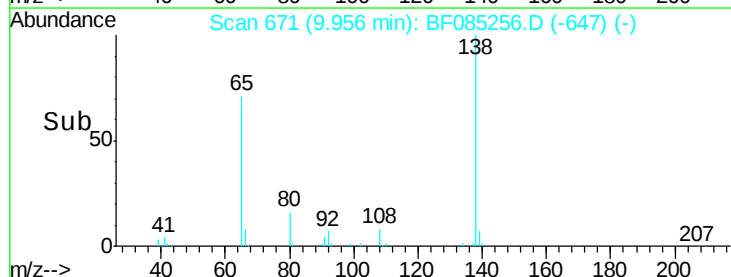
92 86.2 81.3 121.9

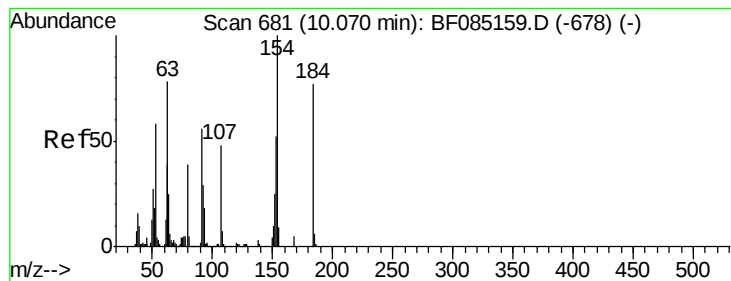


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 87.51 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

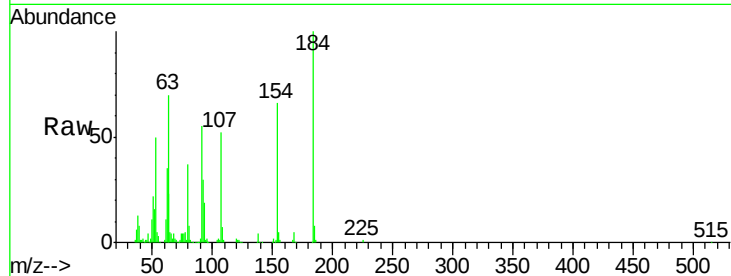
Tgt Ion:184 Resp: 203000

Ion Ratio Lower Upper

184 100

63 69.5 82.2 123.4#

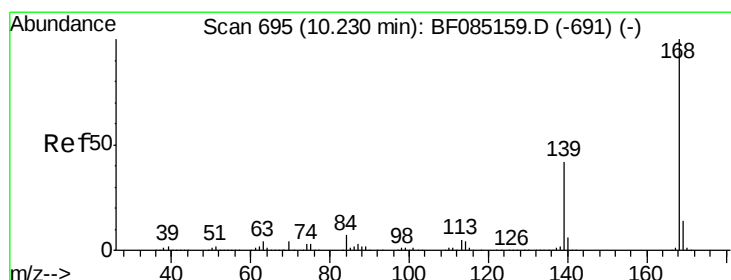
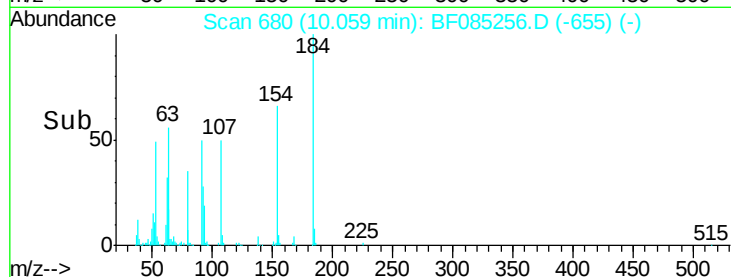
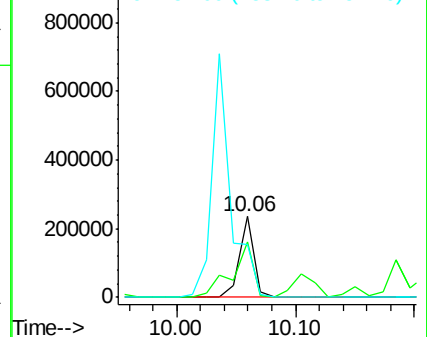
154 66.1 108.9 163.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.17 ng

RT: 10.21 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

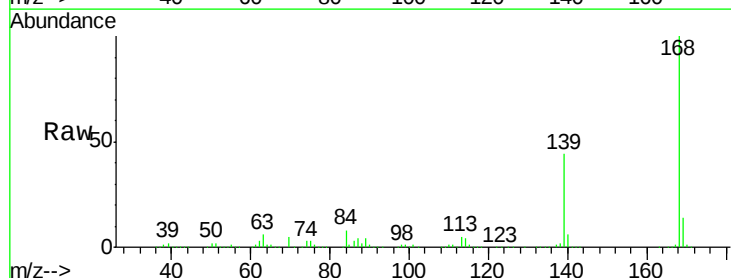
Tgt Ion:168 Resp: 982139

Ion Ratio Lower Upper

168 100

139 43.7 33.6 50.4

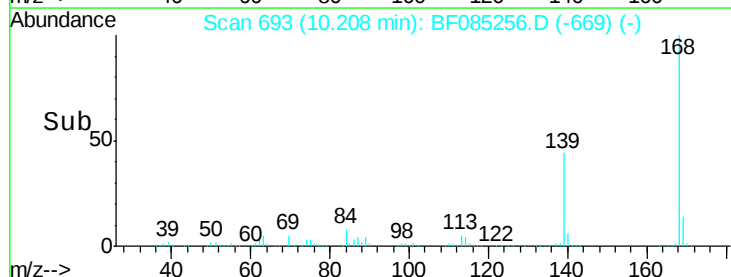
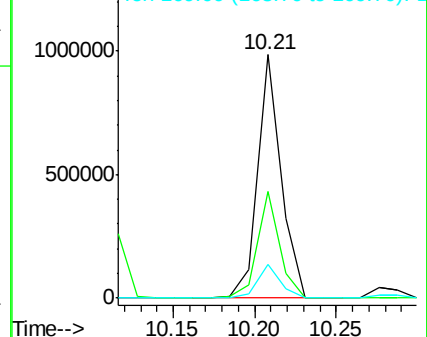
169 14.0 11.2 16.8

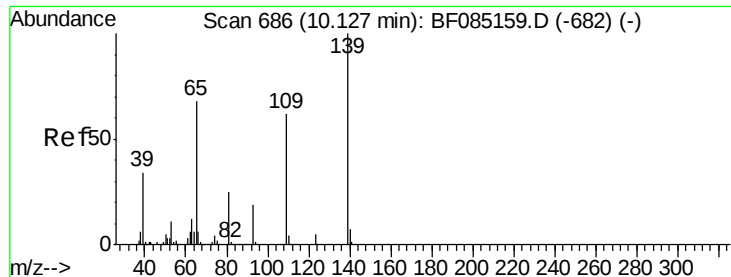


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 88.48 ng

RT: 10.12 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

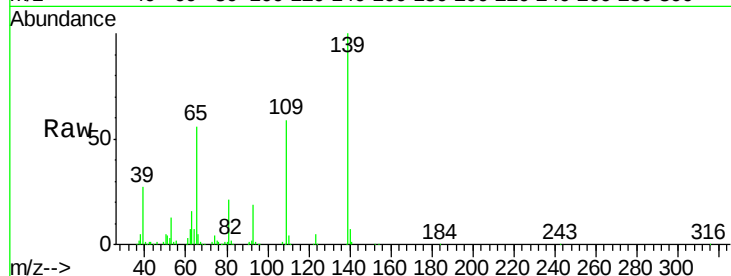
Tgt Ion:139 Resp: 376668

Ion Ratio Lower Upper

139 100

109 58.9 41.9 81.9

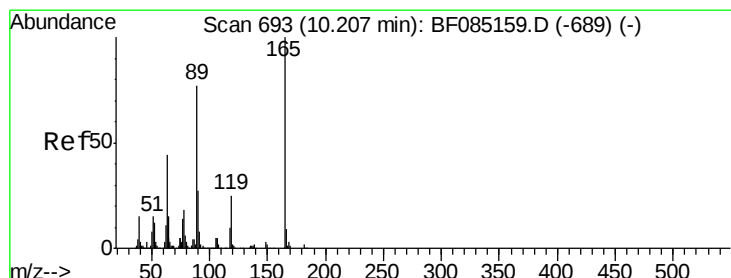
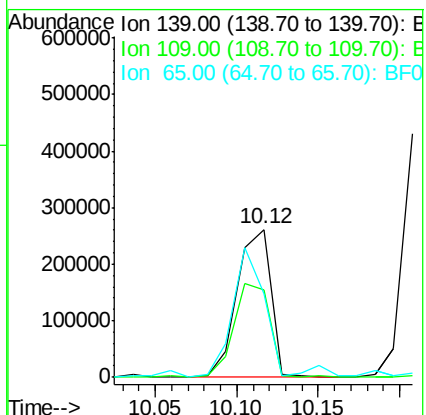
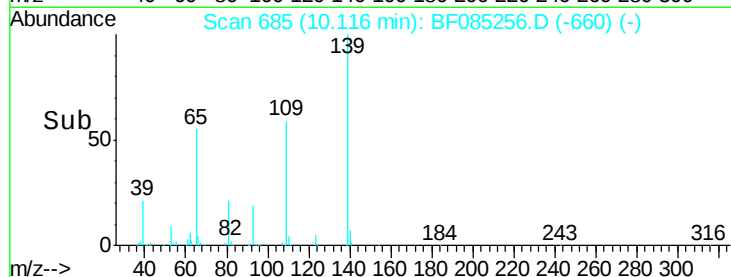
65 56.3 48.3 88.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.08 ng

RT: 10.18 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Tgt Ion:165 Resp: 238055

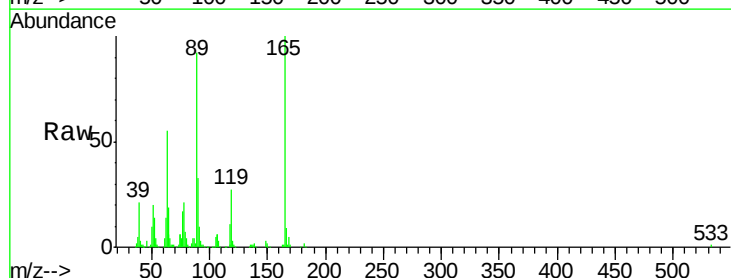
Ion Ratio Lower Upper

165 100

63 55.1 35.4 53.0#

89 92.2 61.9 92.9

182 2.3 1.9 2.9

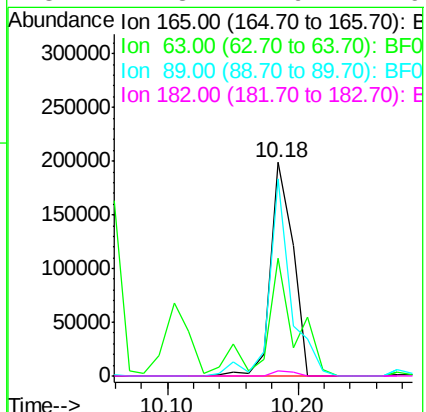
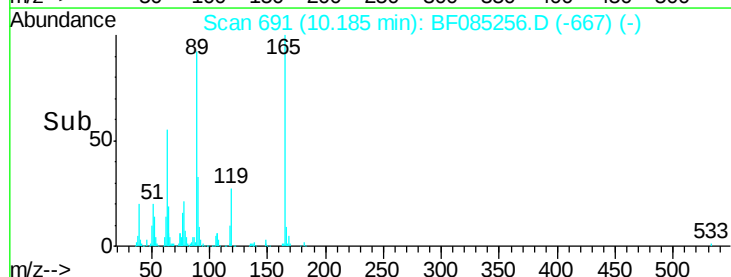


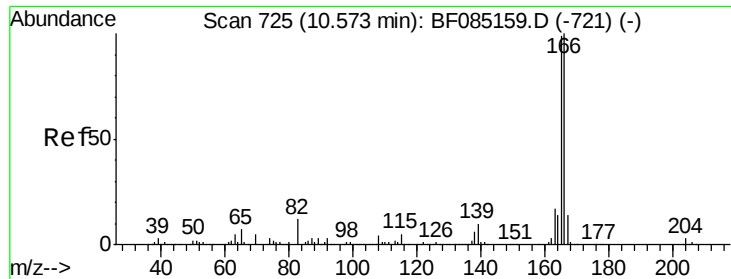
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

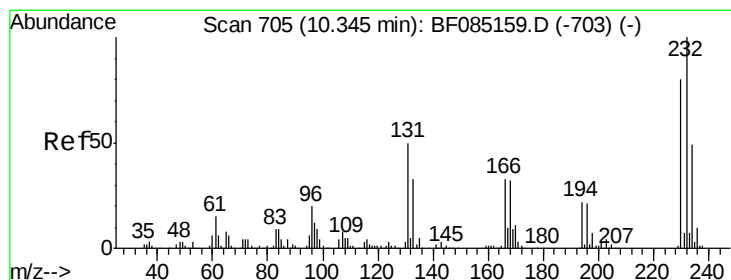
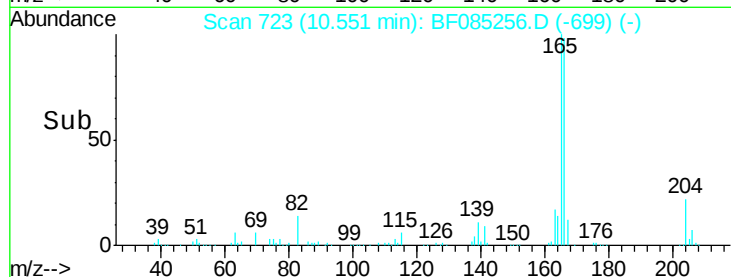
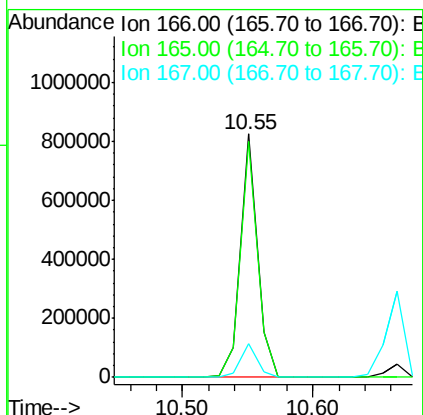
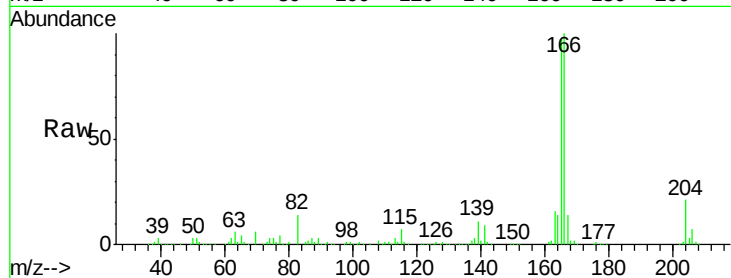




#57
 Fluorene
 Concen: 42.88 ng
 RT: 10.55 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

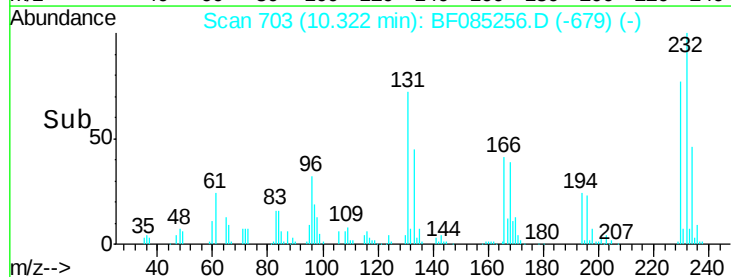
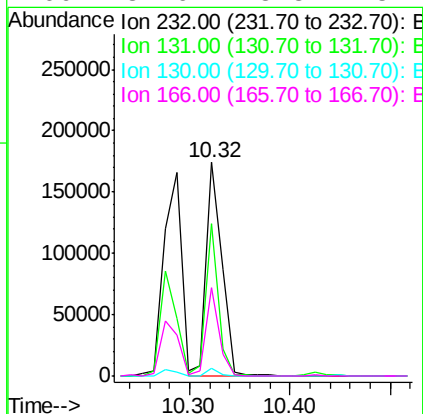
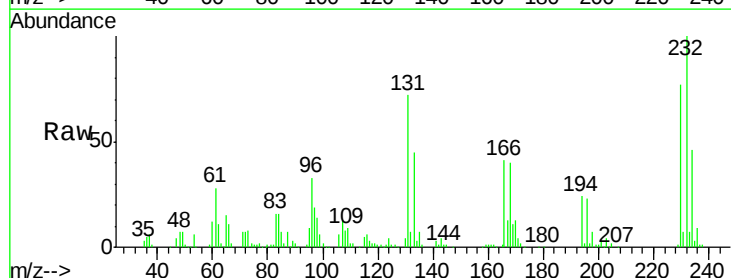
Instrument :
 BNA_F
 ClientSampled :
 PB88757BS

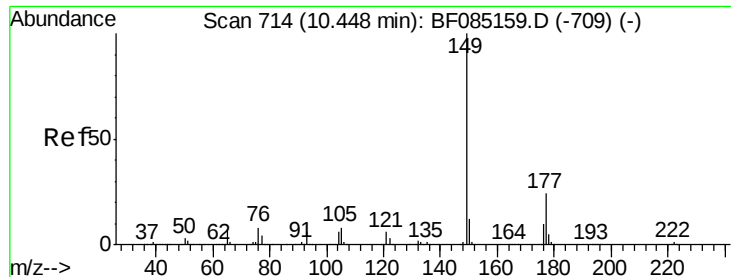
Tgt Ion:166 Resp: 748795
 Ion Ratio Lower Upper
 166 100
 165 96.9 79.4 119.0
 167 13.8 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.49 ng
 RT: 10.32 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:232 Resp: 189593
 Ion Ratio Lower Upper
 232 100
 131 57.2 46.0 69.0
 130 3.0 2.2 3.4
 166 34.6 28.8 43.2

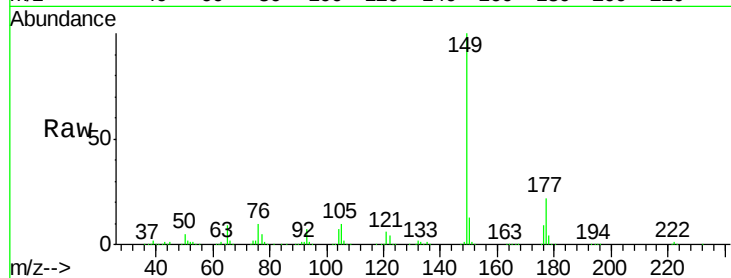




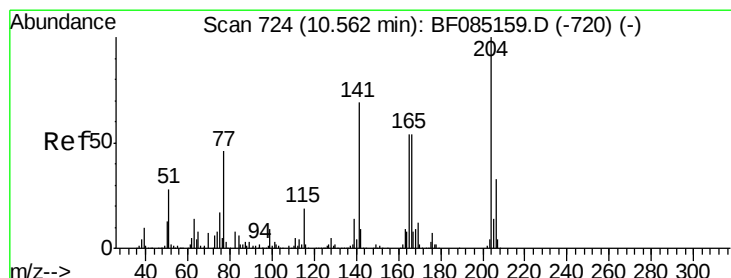
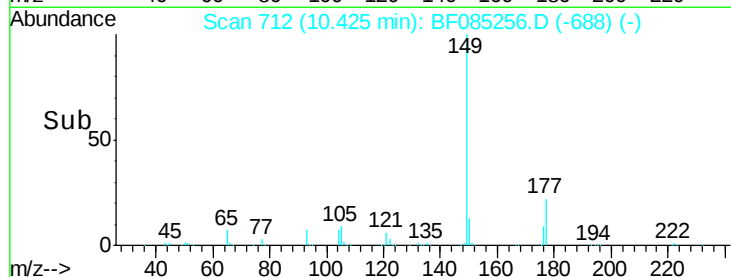
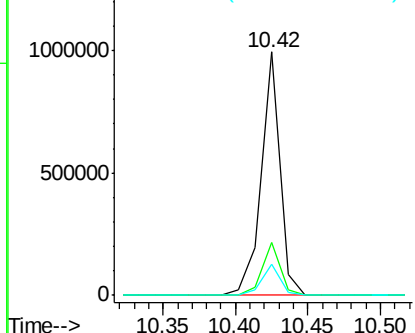
#59
Diethylphthalate
Concen: 43.35 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Tgt Ion:149 Resp: 890362
Ion Ratio Lower Upper
149 100
177 21.9 19.2 28.8
150 12.8 9.9 14.9

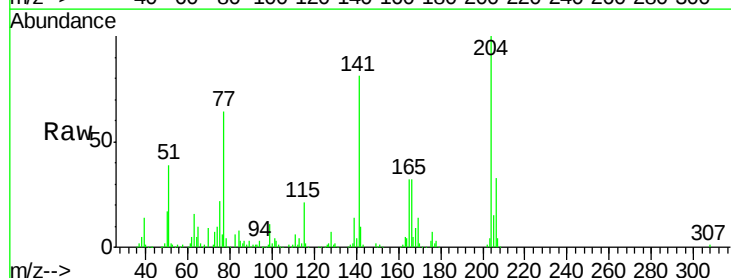


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

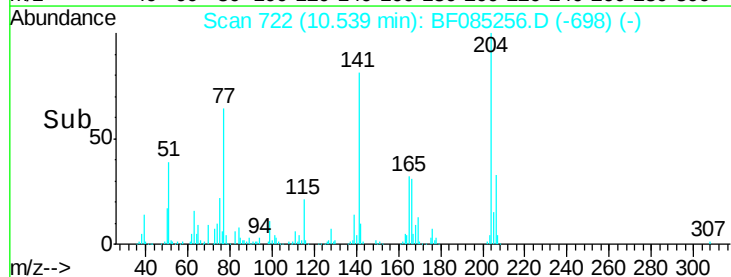
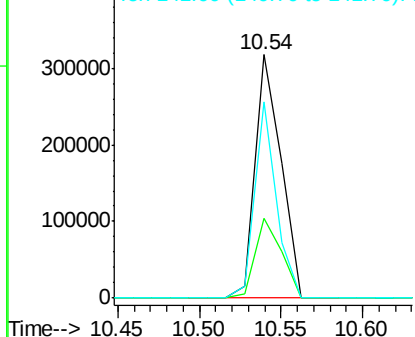


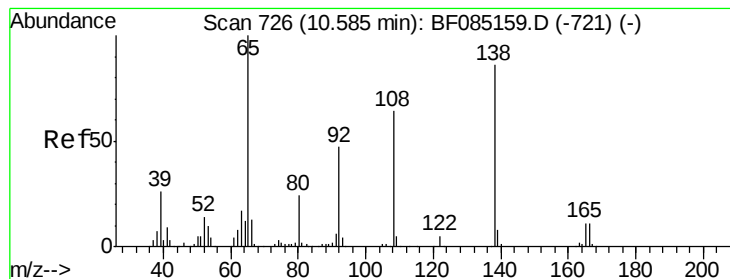
#60
4-Chlorophenyl-phenylether
Concen: 41.10 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:204 Resp: 349196
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 80.5 55.4 83.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.92 ng

RT: 10.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

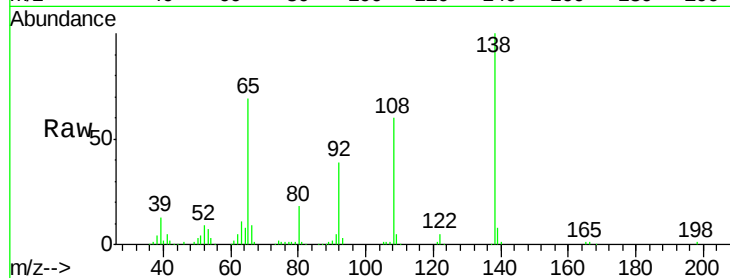
Tgt Ion:138 Resp: 227615

Ion Ratio Lower Upper

138 100

92 38.9 34.2 74.2

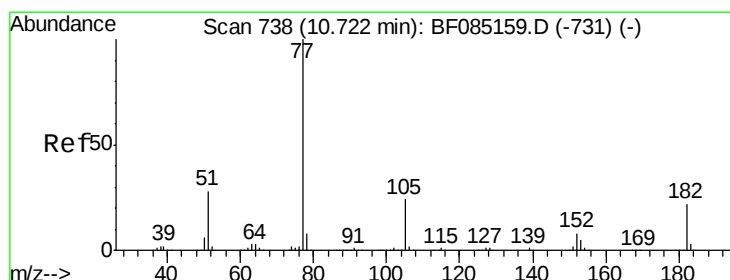
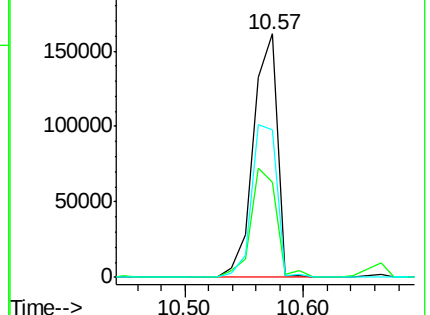
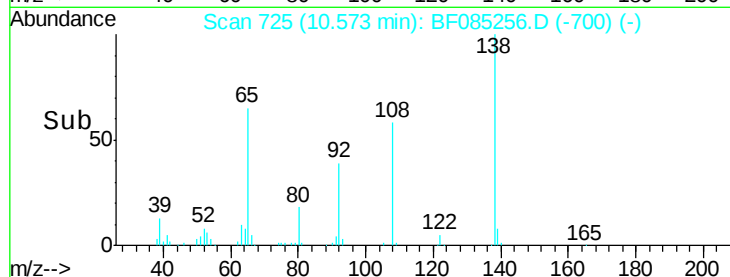
108 60.5 53.9 93.9



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: 46.36 ng

RT: 10.70 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Tgt Ion: 77 Resp: 938077

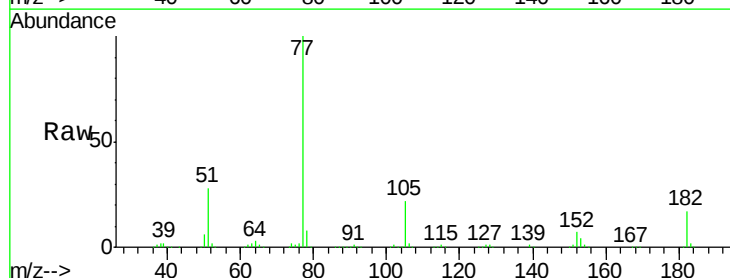
Ion Ratio Lower Upper

77 100

182 17.2 2.1 42.1

105 22.0 3.8 43.8

51 27.8 7.8 47.8

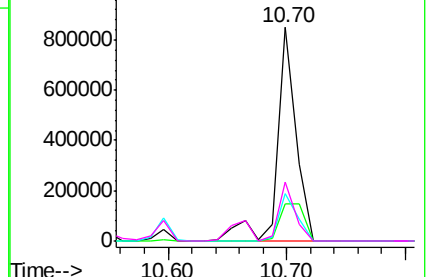
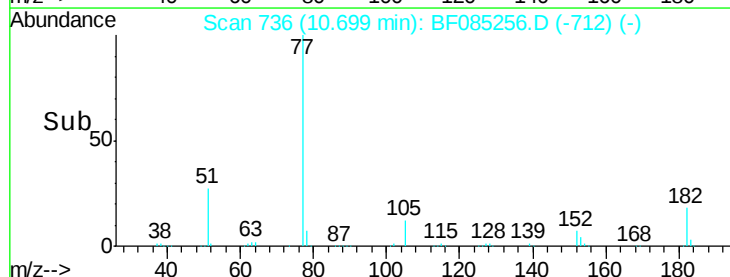


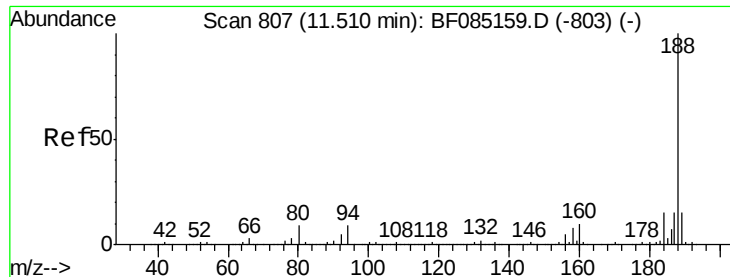
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

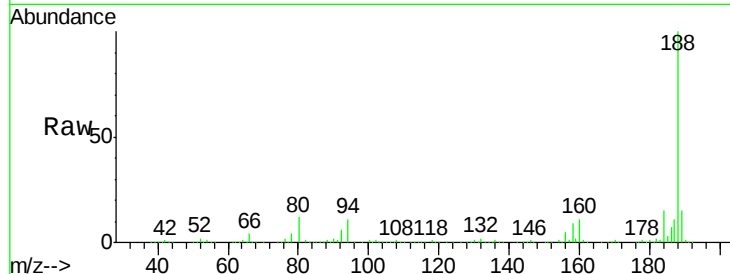




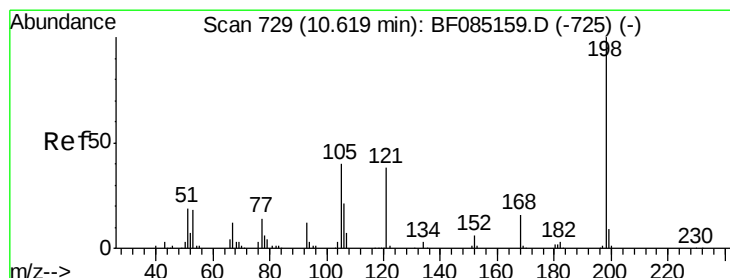
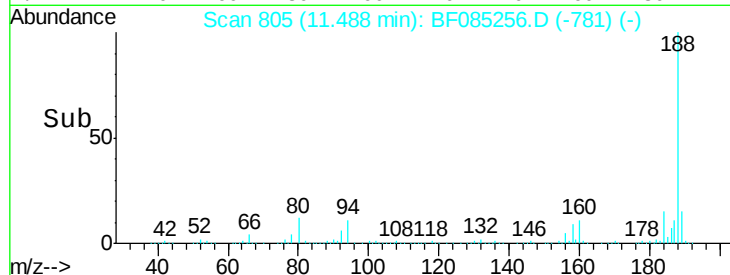
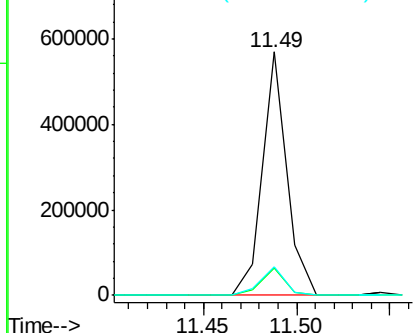
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Tgt Ion:188 Resp: 523947
Ion Ratio Lower Upper
188 100
94 11.2 7.0 10.6#
80 11.7 7.4 11.0#

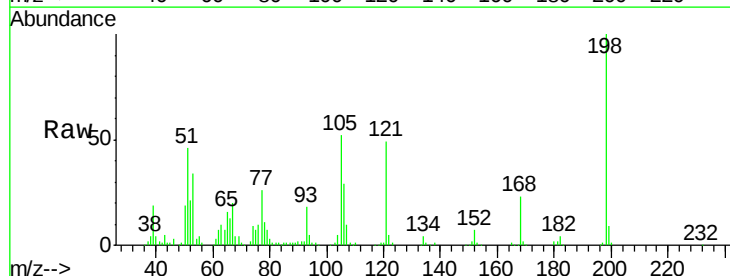


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

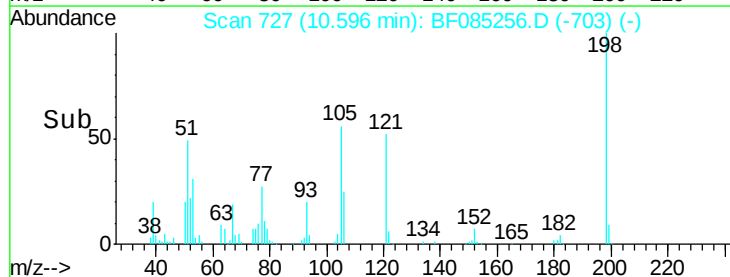
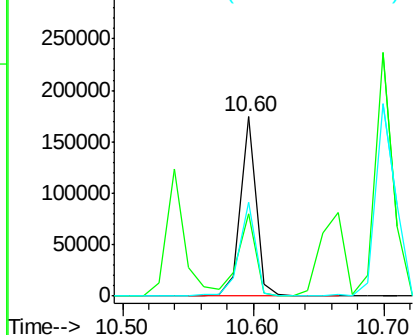


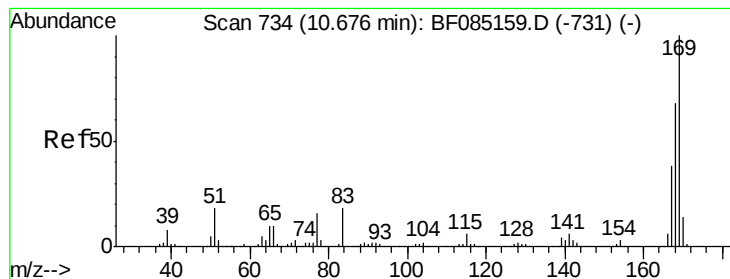
#64
4,6-Dinitro-2-methylphenol
Concen: 45.51 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:198 Resp: 142773
Ion Ratio Lower Upper
198 100
51 46.0 9.5 49.5
105 52.2 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

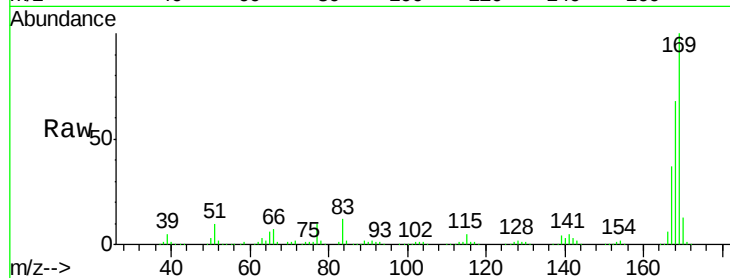




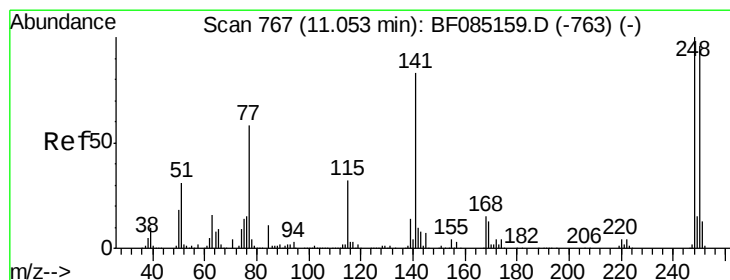
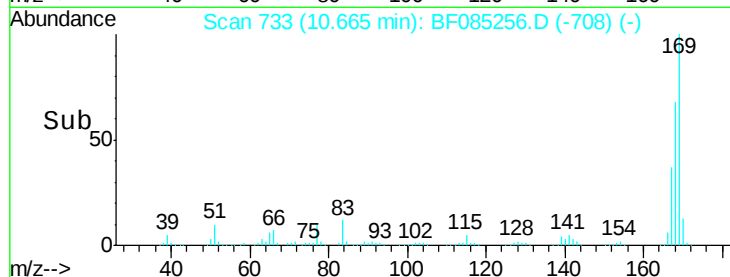
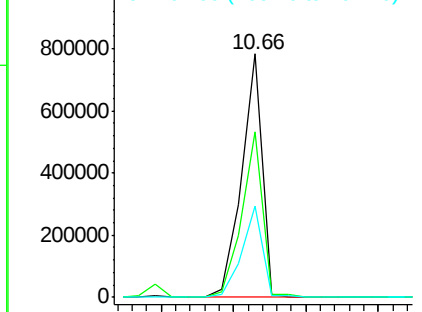
#65
 n-Nitrosodiphenylamine
 Concen: 47.06 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:169 Resp: 766977
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.8 82.2
 167 37.3 30.3 45.5

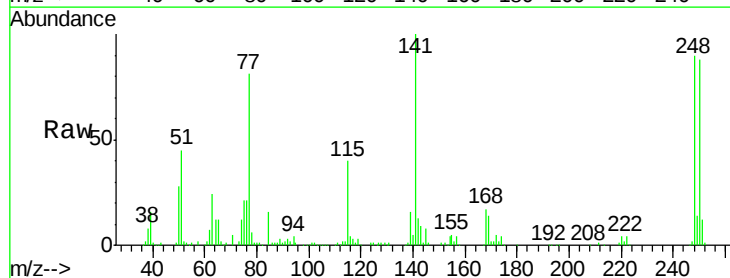


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

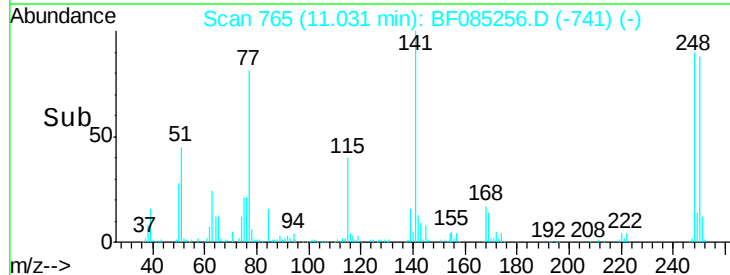
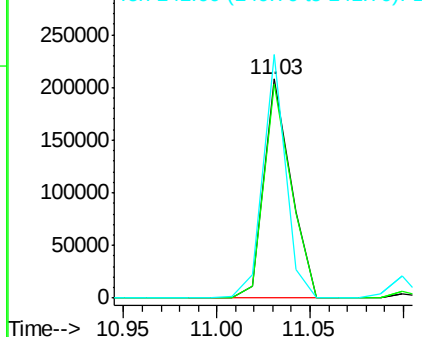


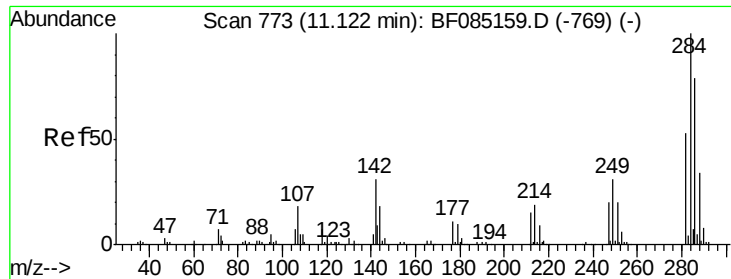
#66
 4-Bromophenyl-phenylether
 Concen: 40.75 ng
 RT: 11.03 min Scan# 765
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:248 Resp: 207318
 Ion Ratio Lower Upper
 248 100
 250 98.0 77.1 115.7
 141 111.1 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

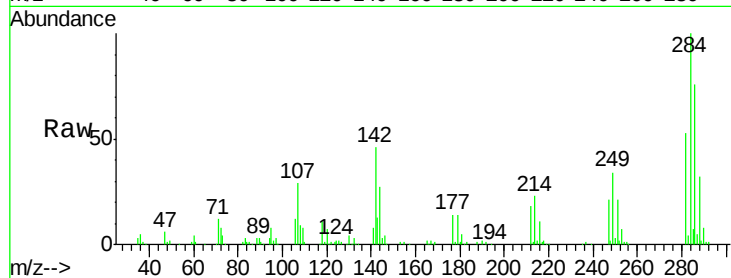




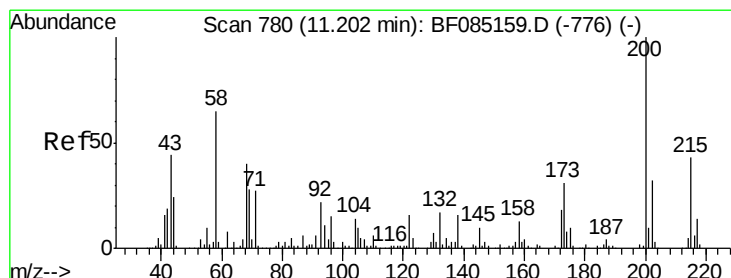
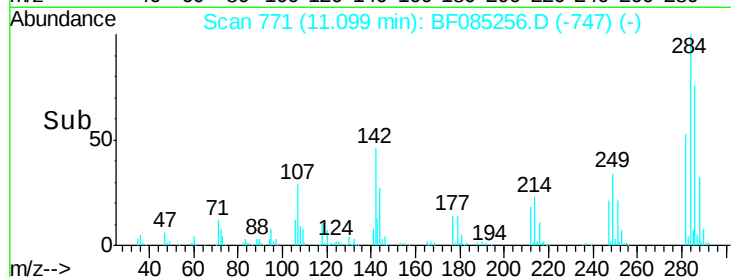
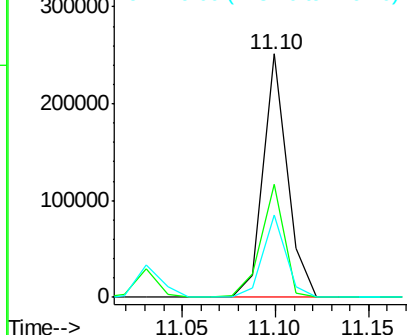
#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Tgt Ion:284 Resp: 223885
Ion Ratio Lower Upper
284 100
142 46.4 24.9 37.3#
249 33.6 25.0 37.4

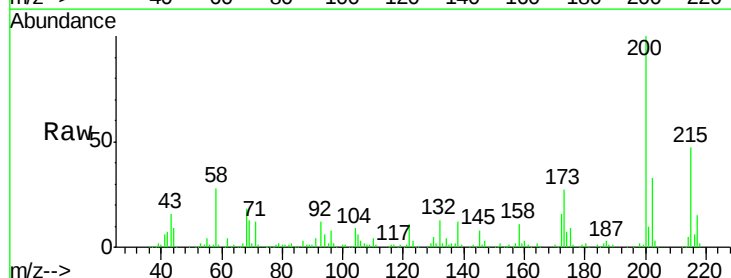


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

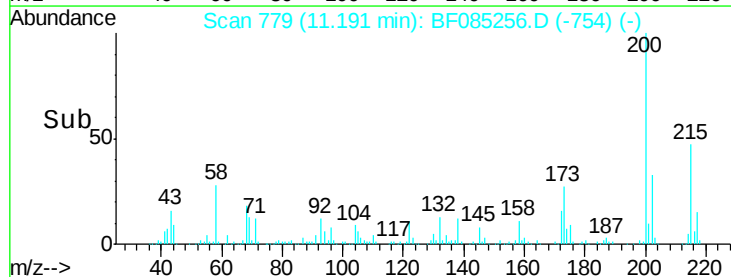
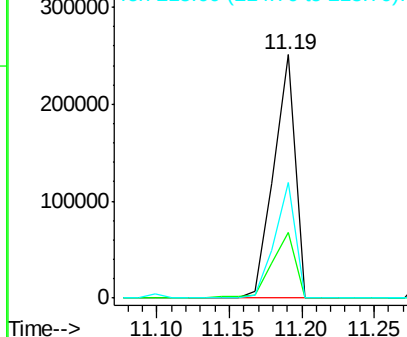


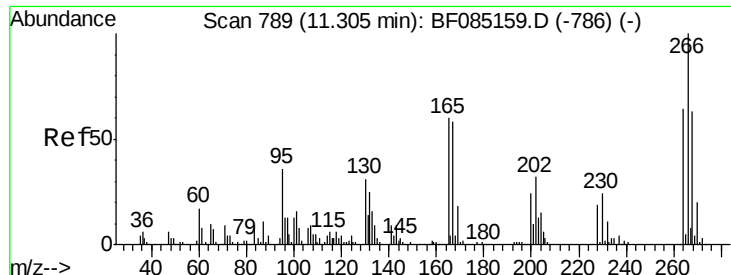
#68
Atrazine
Concen: 57.15 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:200 Resp: 259005
Ion Ratio Lower Upper
200 100
173 26.9 10.5 50.5
215 47.4 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

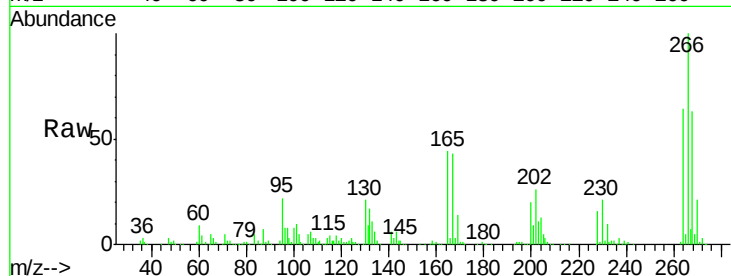




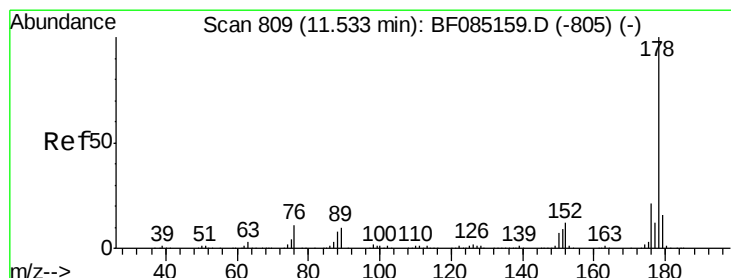
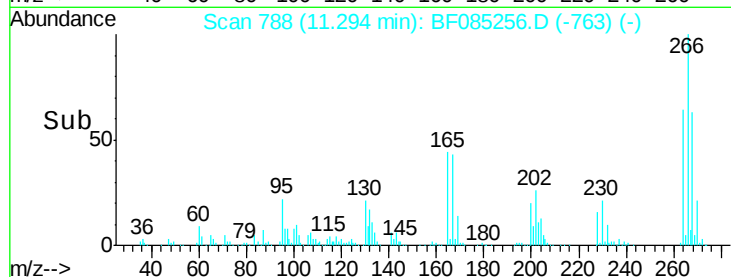
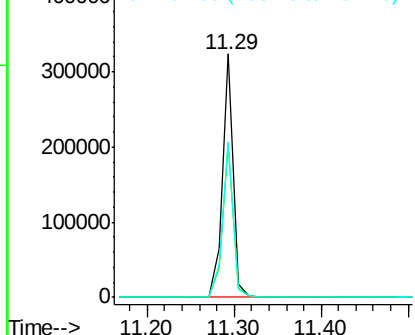
#69
 Pentachlorophenol
 Concen: 94.43 ng
 RT: 11.29 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:266 Resp: 284470
 Ion Ratio Lower Upper
 266 100
 268 62.9 50.0 75.0
 264 63.8 51.4 77.2

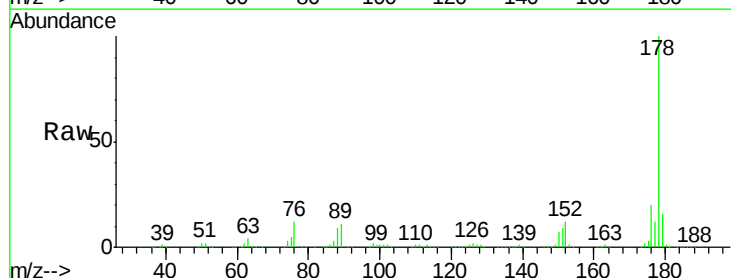


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

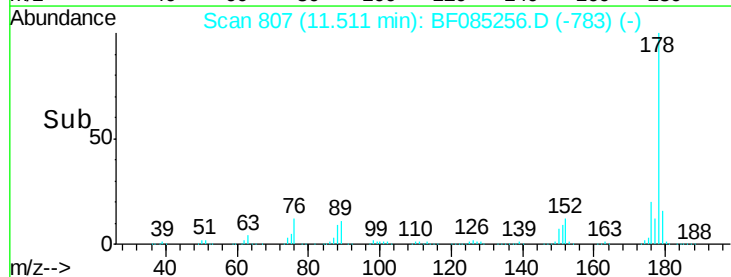
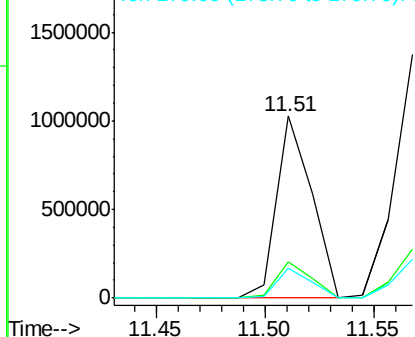


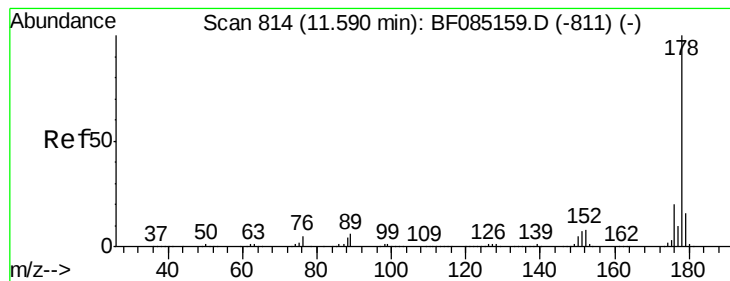
#70
 Phenanthrene
 Concen: 42.20 ng
 RT: 11.51 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:178 Resp: 1158621
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.8 25.2
 179 16.2 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: 43.94 ng

RT: 11.57 min Scan# 812

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

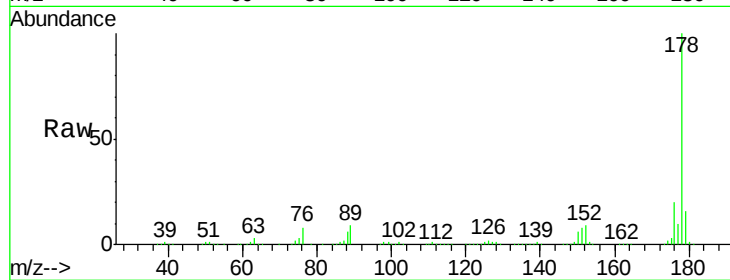
Tgt Ion:178 Resp: 1280811

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

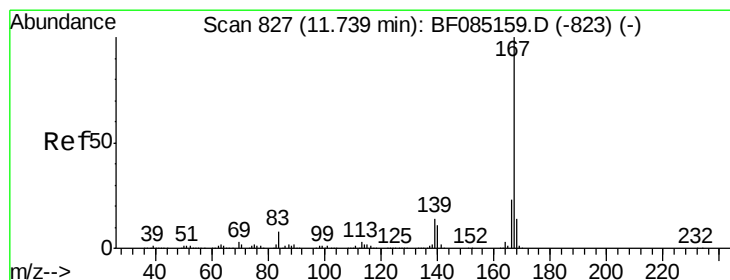
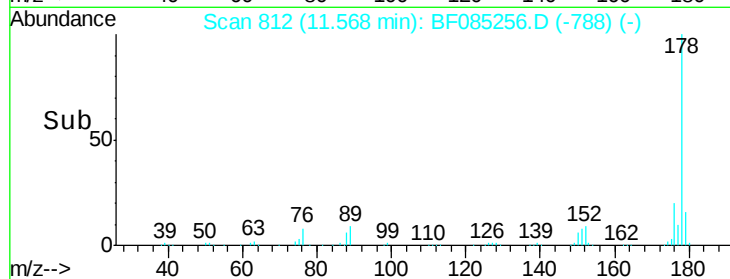
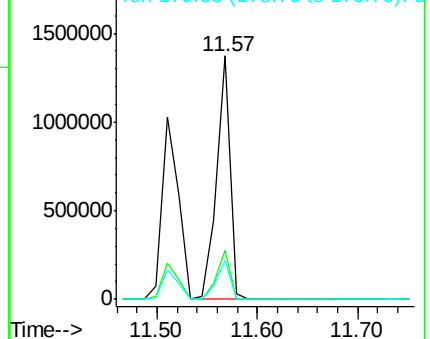
179 16.2 12.5 18.7



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: 41.57 ng

RT: 11.72 min Scan# 825

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

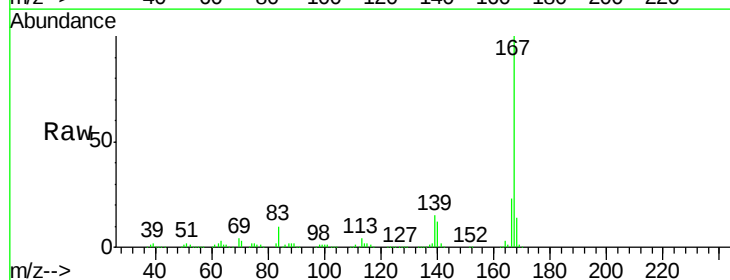
Tgt Ion:167 Resp: 1062561

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

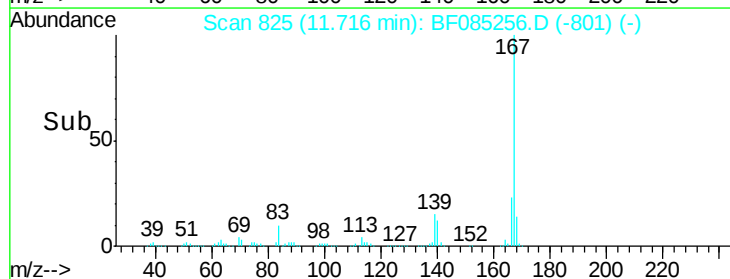
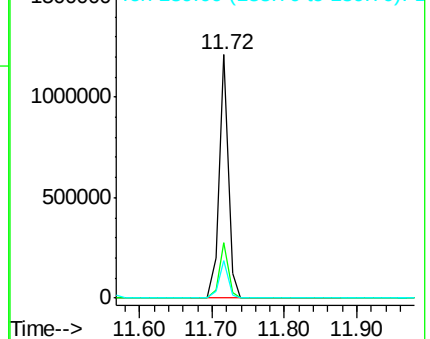
139 15.2 11.4 17.0

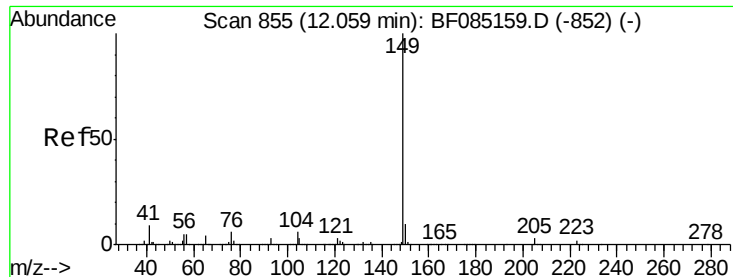


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.65 ng

RT: 12.05 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

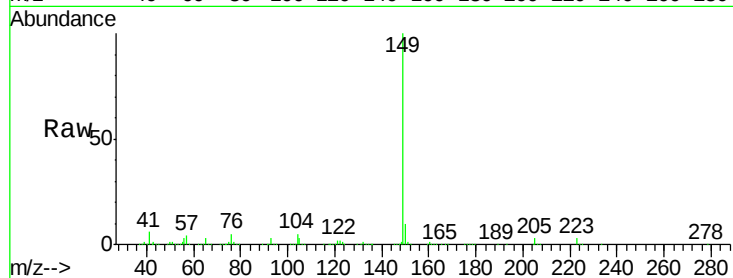
Tgt Ion:149 Resp: 1378077

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

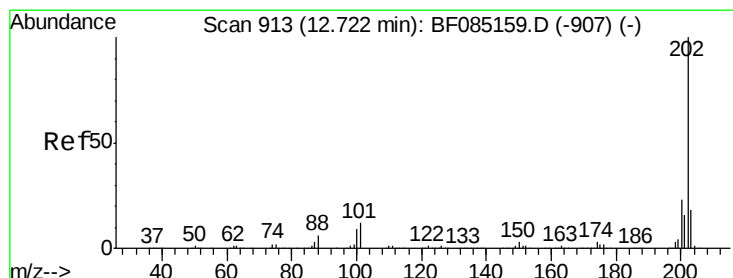
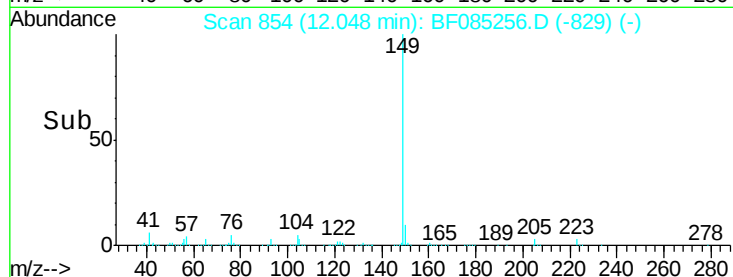
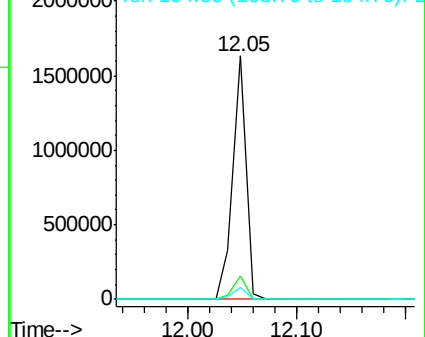
104 5.0 4.7 7.1



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: 41.41 ng

RT: 12.70 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

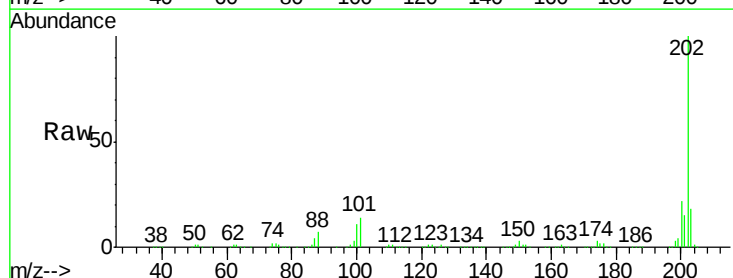
Tgt Ion:202 Resp: 1141115

Ion Ratio Lower Upper

202 100

101 14.0 0.0 31.8

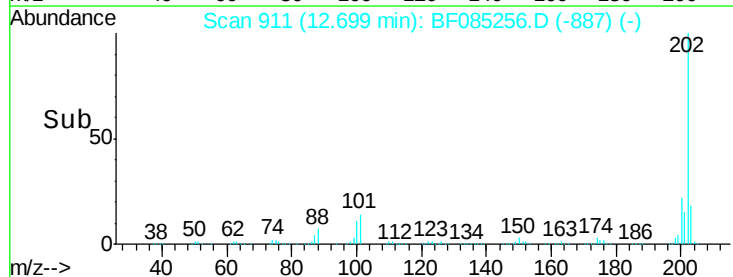
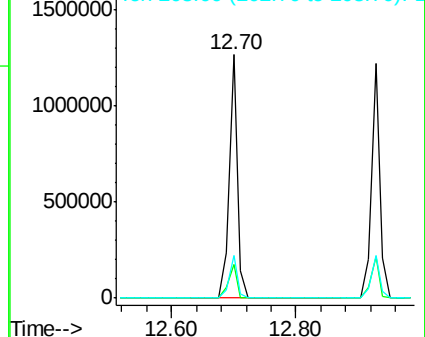
203 17.7 0.0 38.4

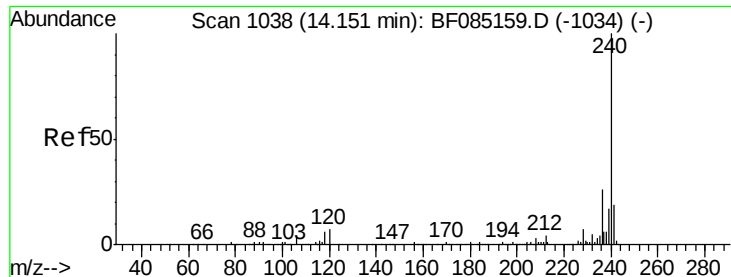


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

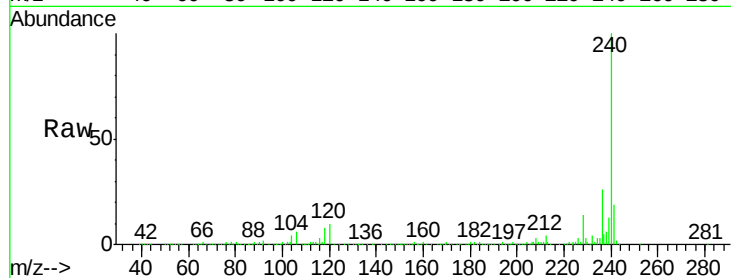
Tgt Ion:240 Resp: 404035

Ion Ratio Lower Upper

240 100

120 9.5 5.3 7.9#

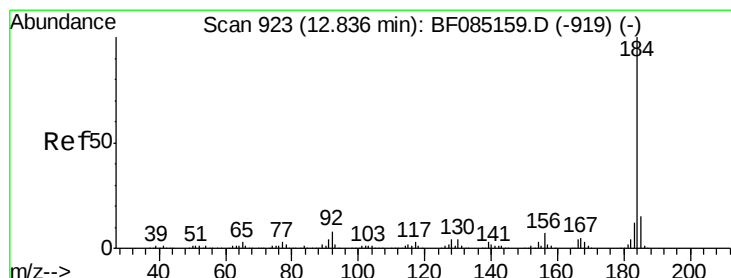
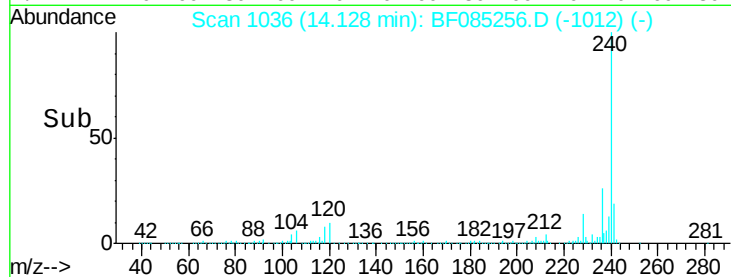
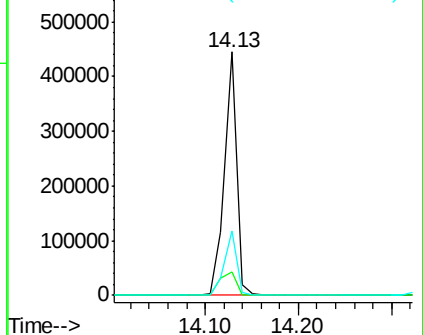
236 26.5 20.7 31.1



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: 28.62 ng

RT: 12.81 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

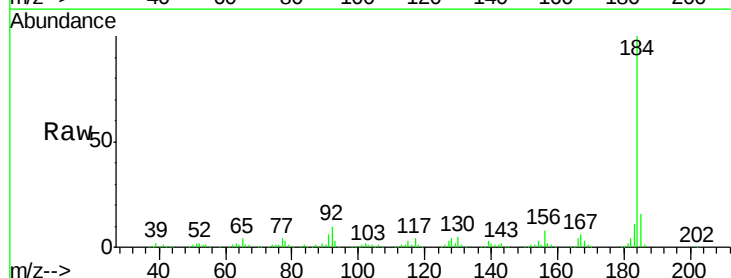
Tgt Ion:184 Resp: 344125

Ion Ratio Lower Upper

184 100

185 16.0 12.4 18.6

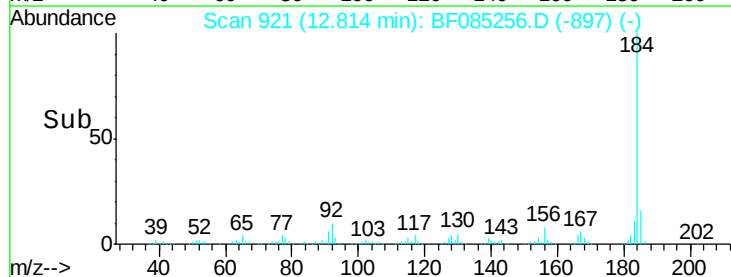
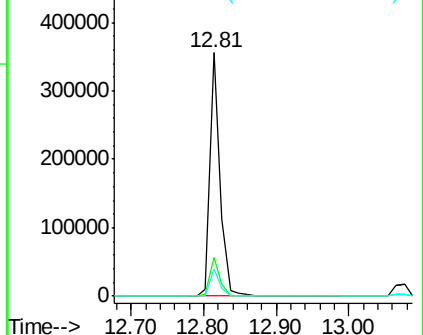
183 11.4 9.4 14.2

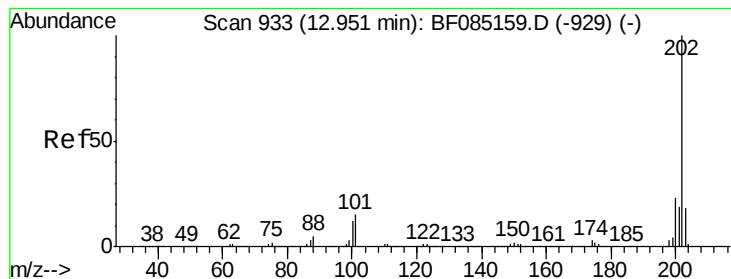


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.17 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

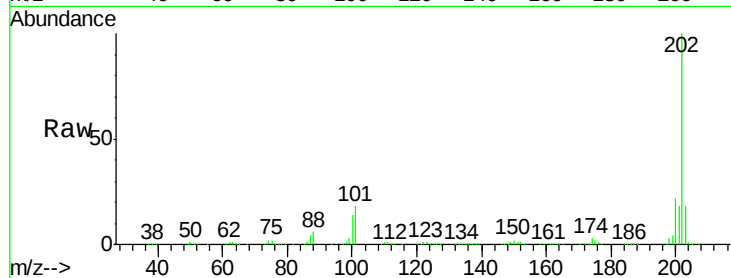
Tgt Ion:202 Resp: 1130288

Ion Ratio Lower Upper

202 100

200 22.5 18.2 27.4

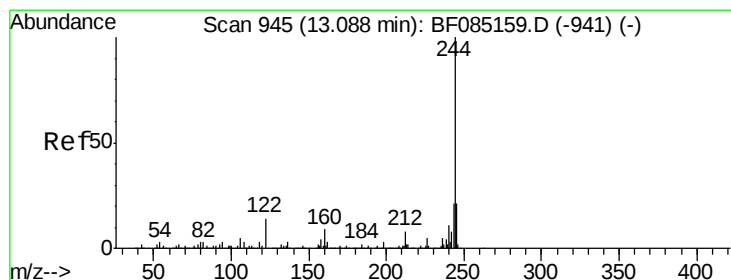
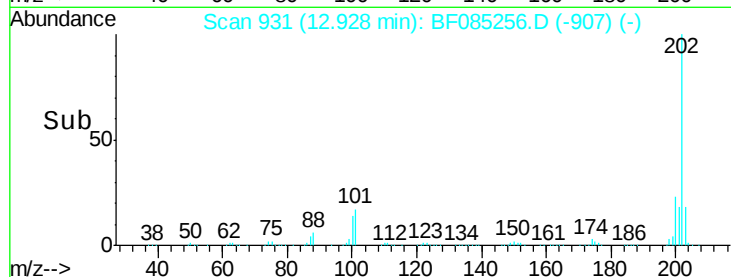
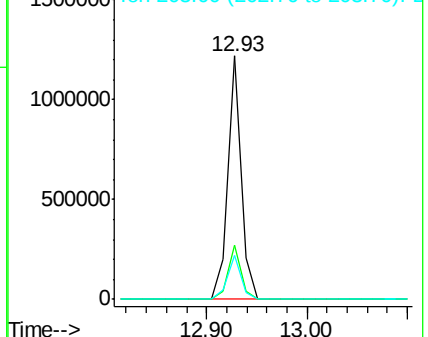
203 18.1 14.7 22.1



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: 89.95 ng

RT: 13.08 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

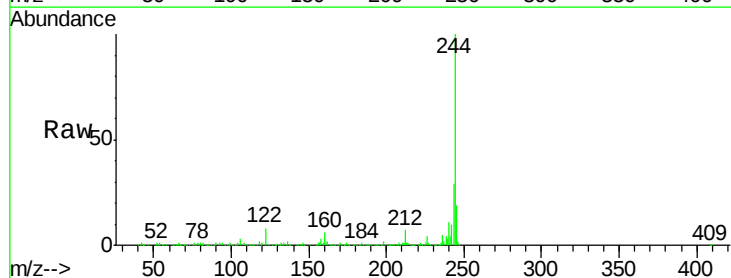
Tgt Ion:244 Resp: 1565489

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

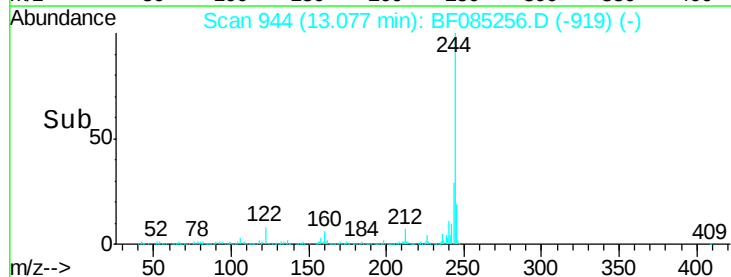
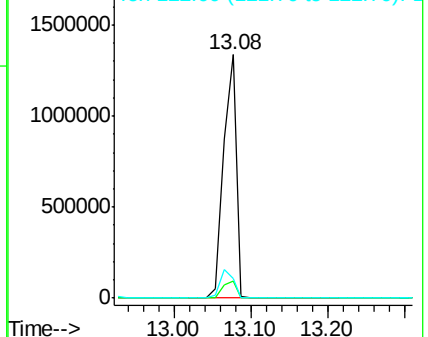
122 8.2 11.4 17.2

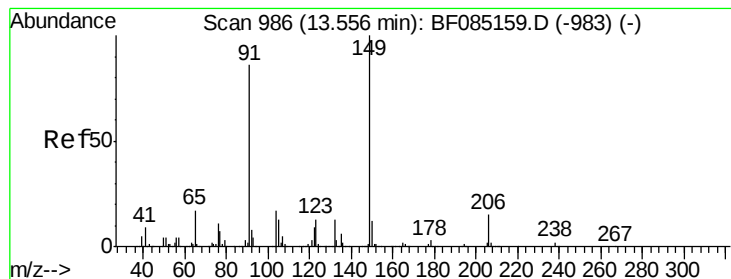


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.23 ng

RT: 13.55 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

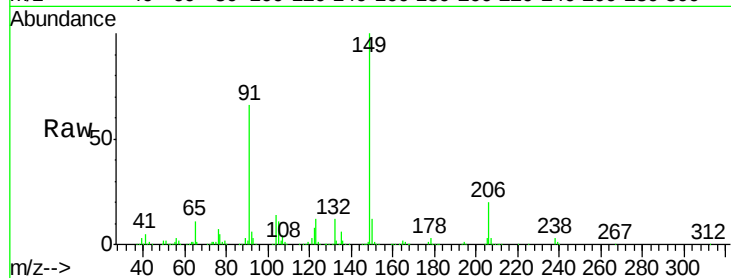
Tgt Ion:149 Resp: 582763

Ion Ratio Lower Upper

149 100

91 66.3 69.0 103.4#

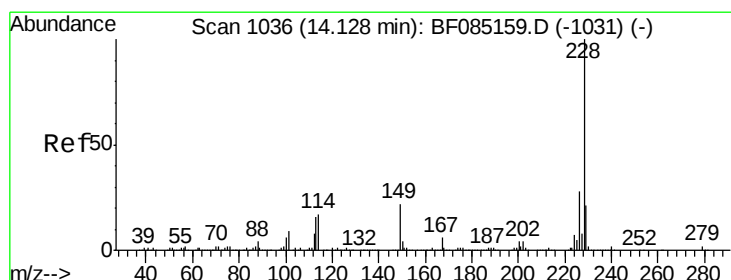
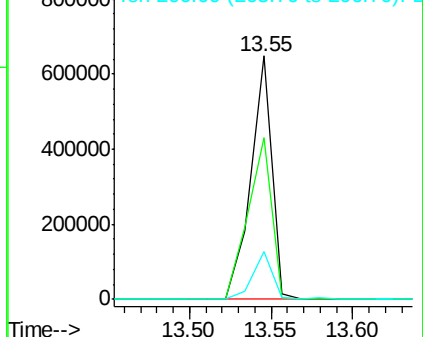
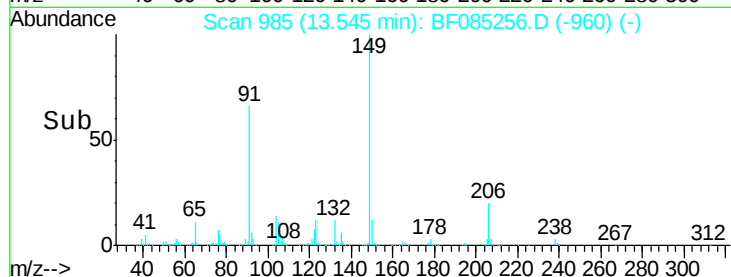
206 19.5 12.3 18.5#



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: 39.06 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

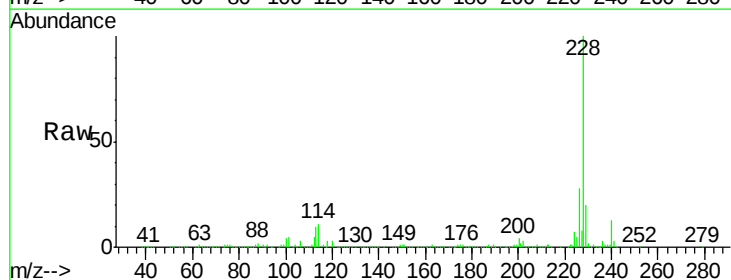
Tgt Ion:228 Resp: 944817

Ion Ratio Lower Upper

228 100

226 28.3 22.8 34.2

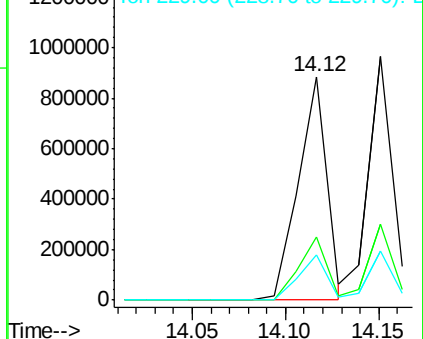
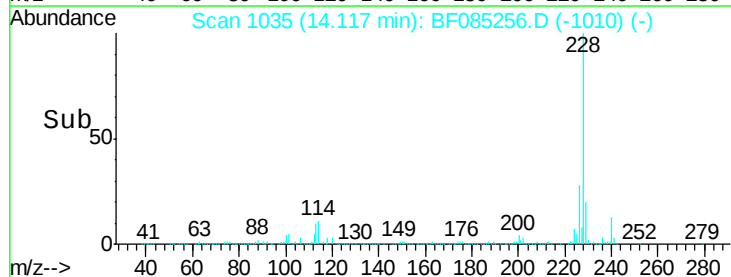
229 20.2 16.6 24.8

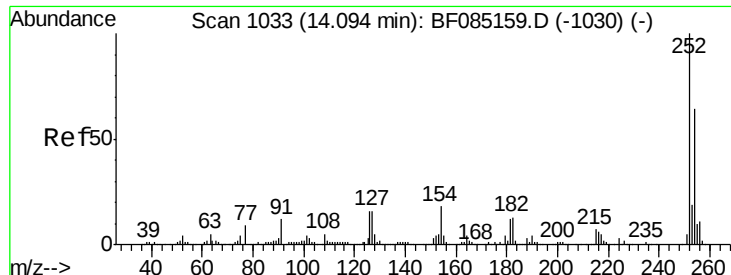


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

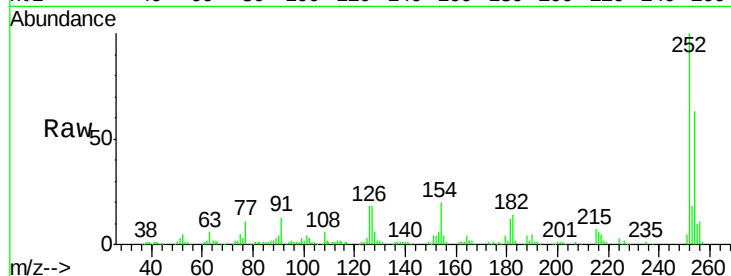




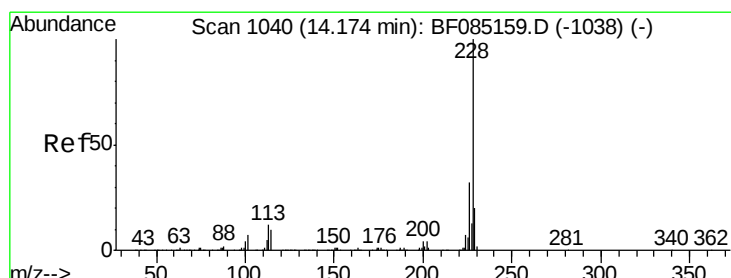
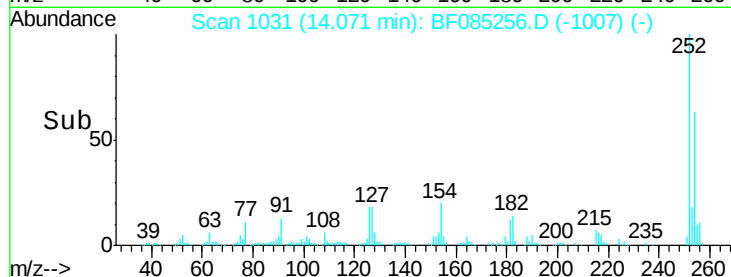
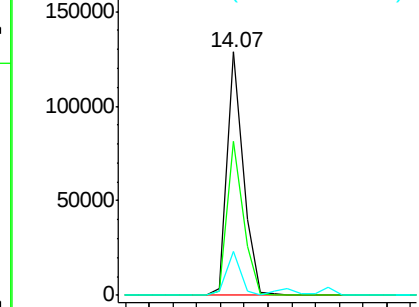
#81
 3,3'-Dichlorobenzidine
 Concen: 15.78 ng
 RT: 14.07 min Scan# 1031
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.0
126	17.9	12.9	19.3

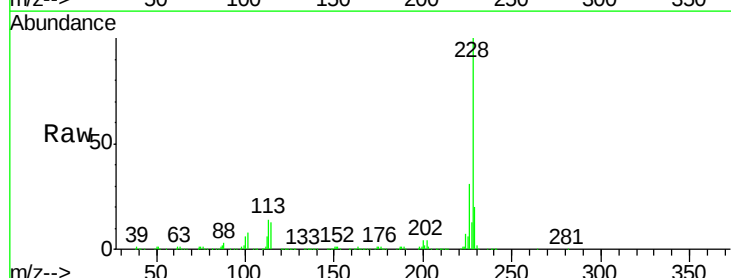


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

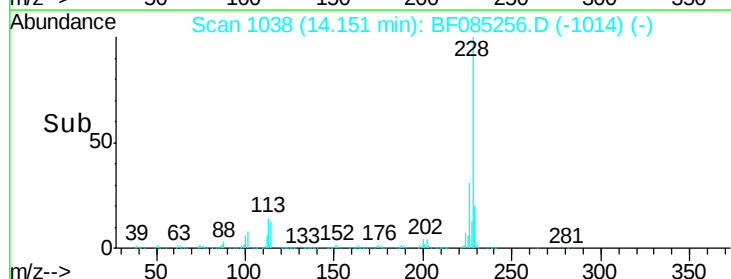
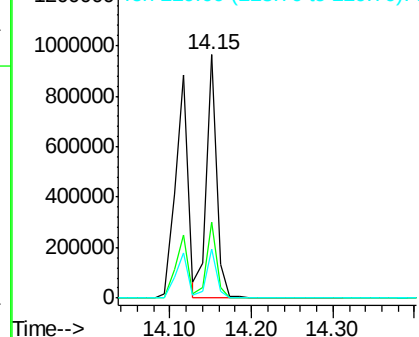


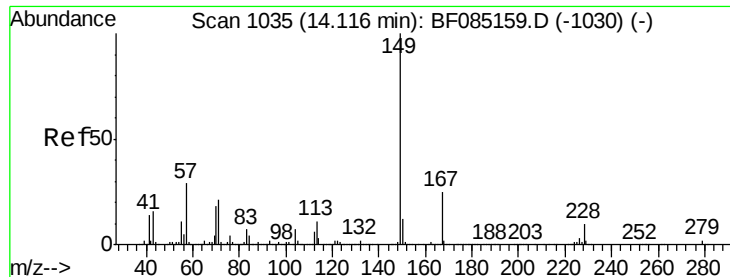
#82
 Chrysene
 Concen: 38.67 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	20.0	16.0	24.0



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

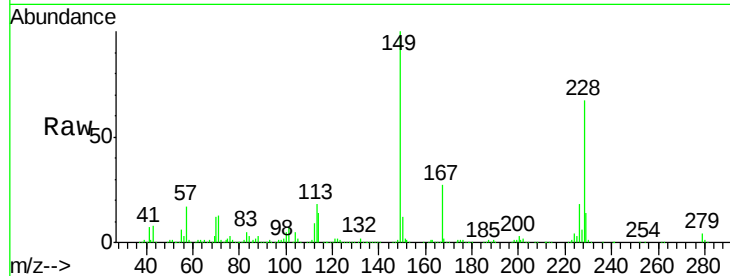




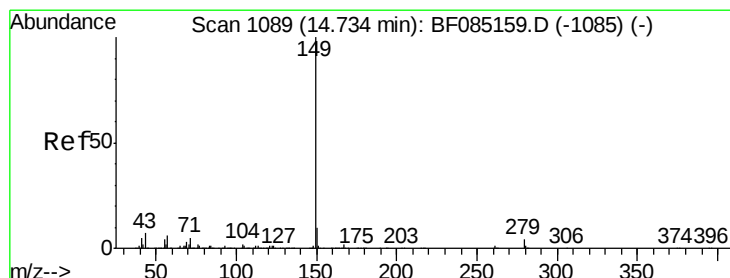
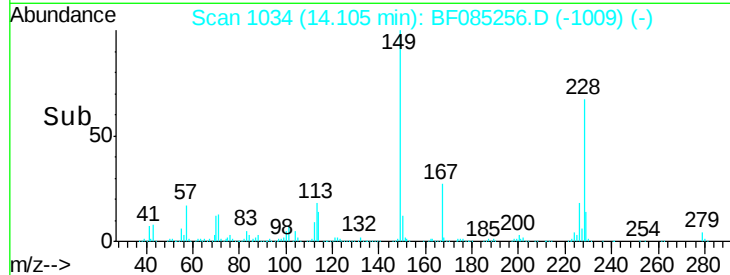
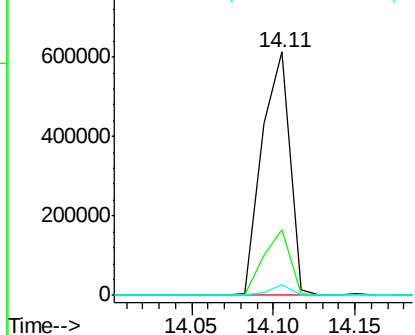
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.29 ng
 RT: 14.11 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion:149 Resp: 731523
 Ion Ratio Lower Upper
 149 100
 167 27.1 20.3 30.5
 279 4.4 1.9 2.9#

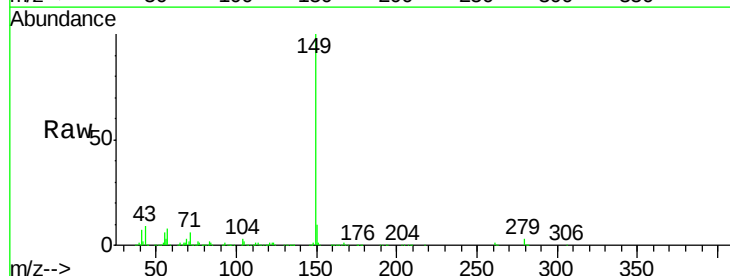


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

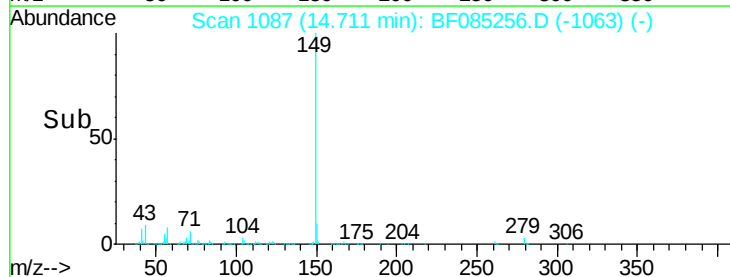
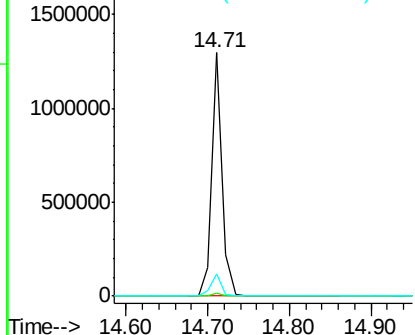


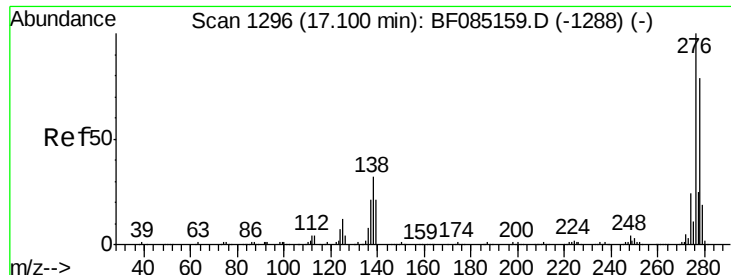
#84
 Di-n-octyl phthalate
 Concen: 41.86 ng
 RT: 14.71 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion:149 Resp: 1157637
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 9.4 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

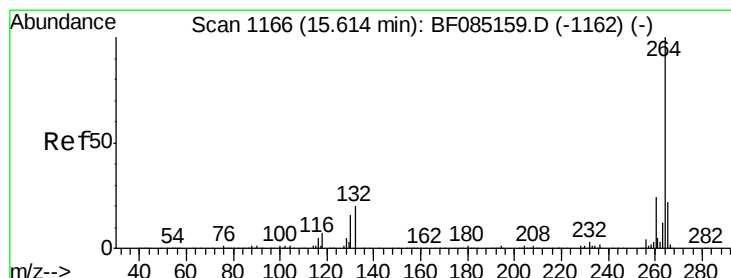
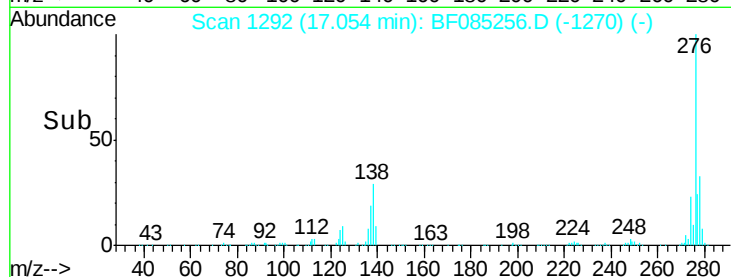
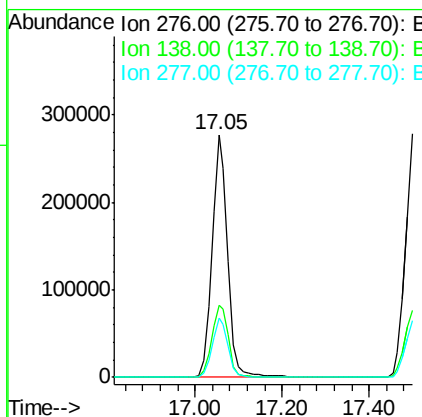
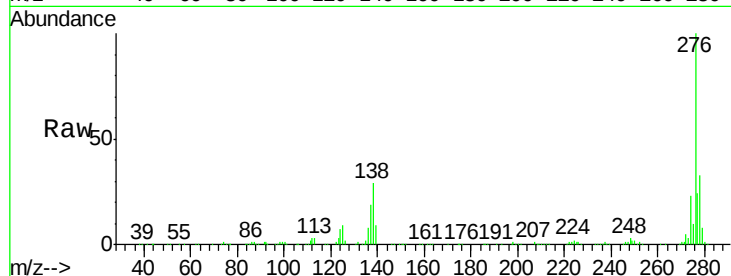




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.28 ng
 RT: 17.05 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

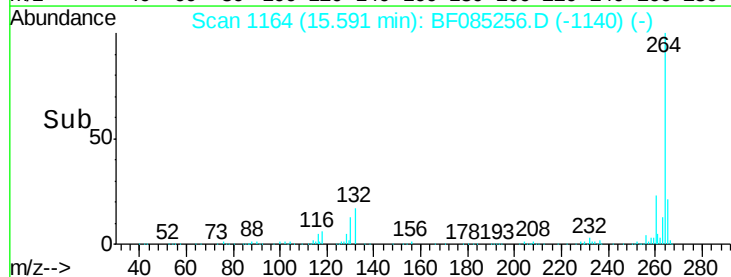
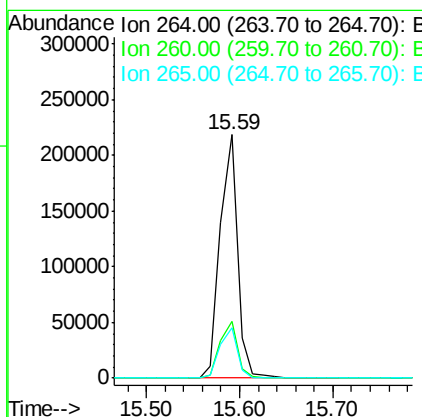
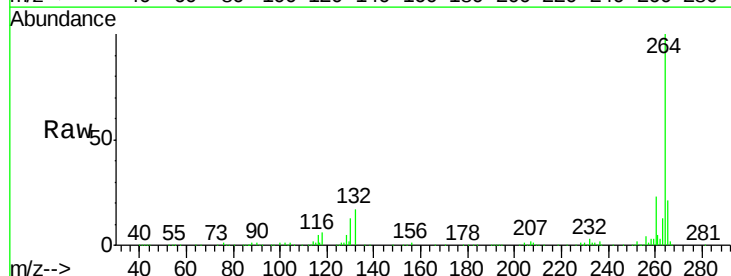
Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

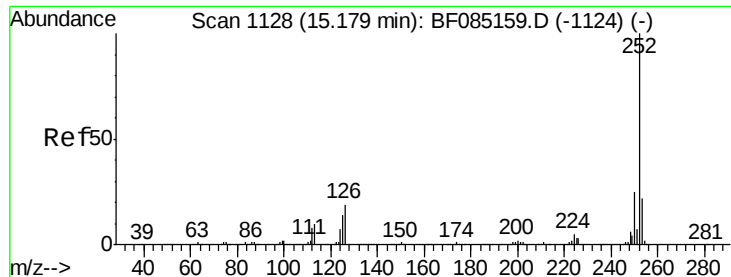
Tgt Ion: 276 Resp: 702317
 Ion Ratio Lower Upper
 276 100
 138 32.3 26.4 39.6
 277 25.0 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Tgt Ion: 264 Resp: 284932
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.9 17.3 25.9

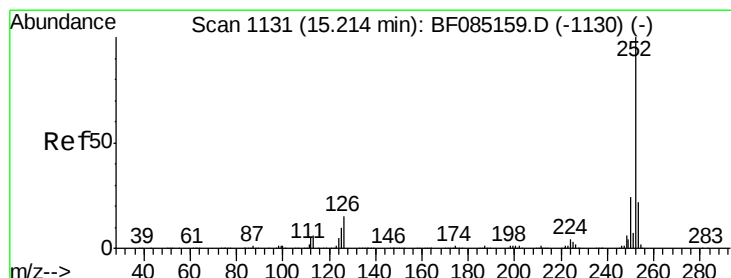
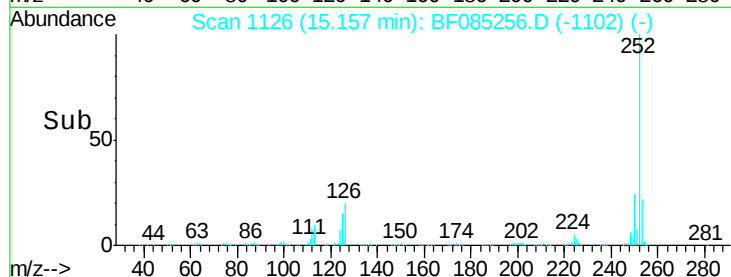
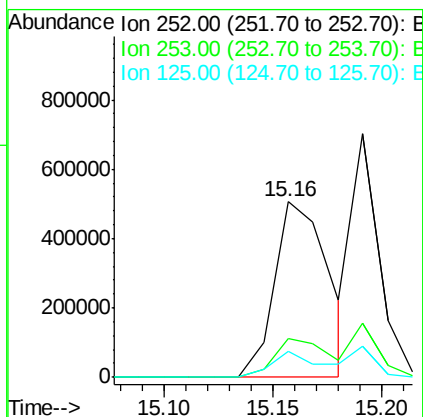
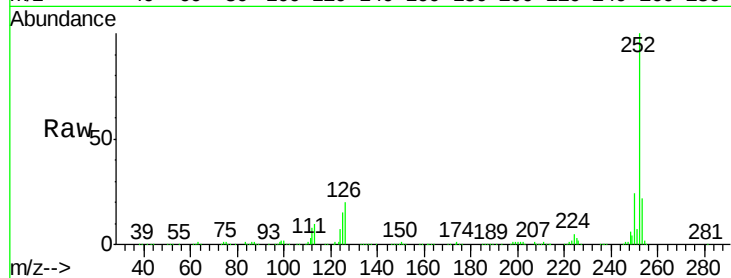




#87
Benzo(b)fluoranthene
Concen: 46.15 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

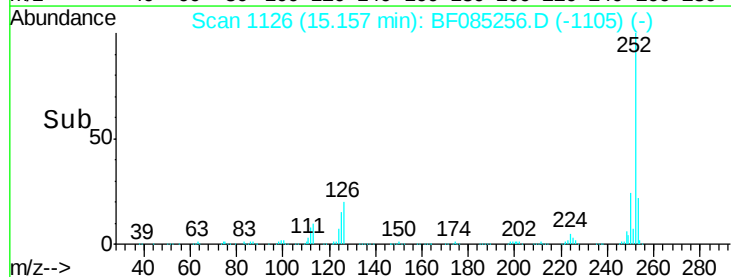
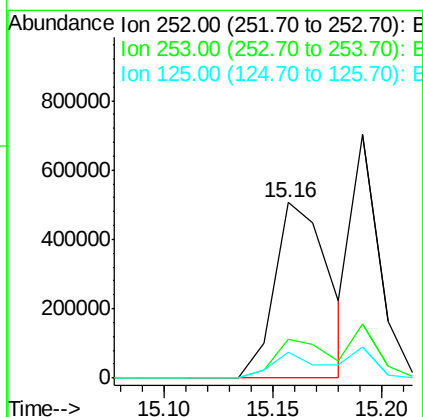
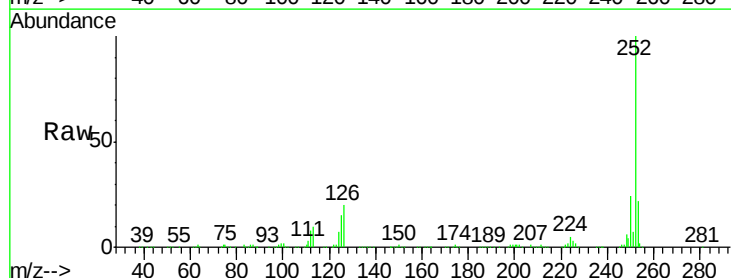
Instrument :
BNA_F
ClientSampleId :
PB88757BS

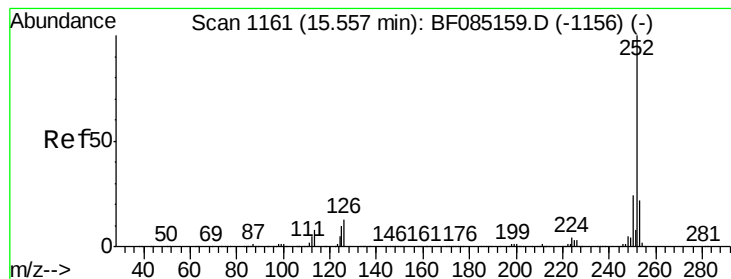
Tgt Ion:252 Resp: 876534
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 14.6 11.3 16.9



#88
Benzo(k)fluoranthene
Concen: 57.22 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.06 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:252 Resp: 876534
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 14.6 10.4 15.6





#89

Benzo(a)pyrene

Concen: 44.22 ng

RT: 15.53 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

Instrument :

BNA_F

ClientSampleId :

PB88757BS

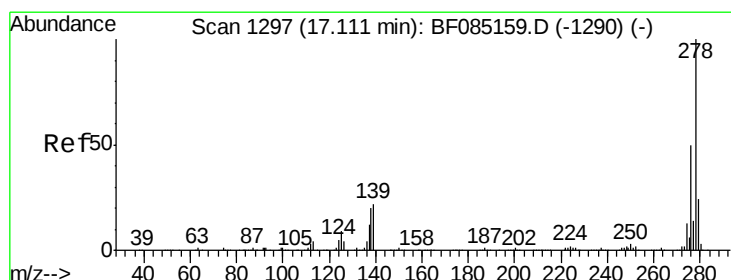
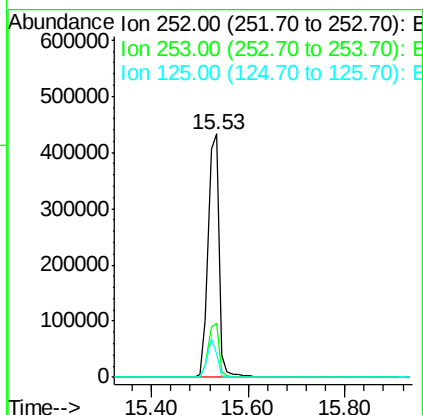
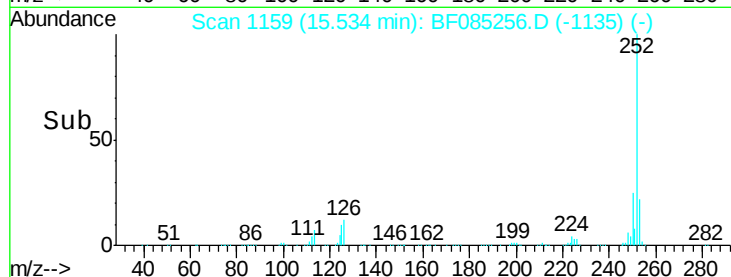
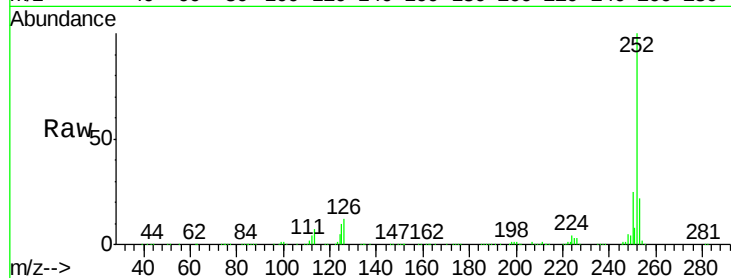
Tgt Ion:252 Resp: 695962

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.7 8.2 12.4



#90

Dibenzo(a,h)anthracene

Concen: 43.99 ng

RT: 17.08 min Scan# 1294

Delta R.T. -0.03 min

Lab File: BF085256.D

Acq: 8 Mar 2016 15:27

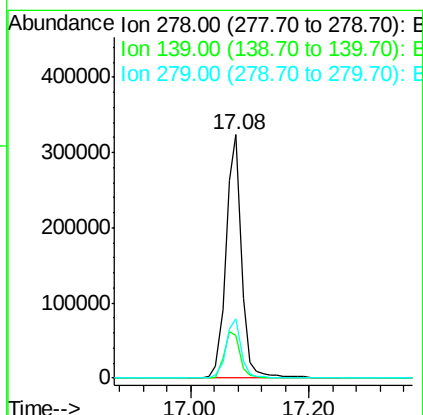
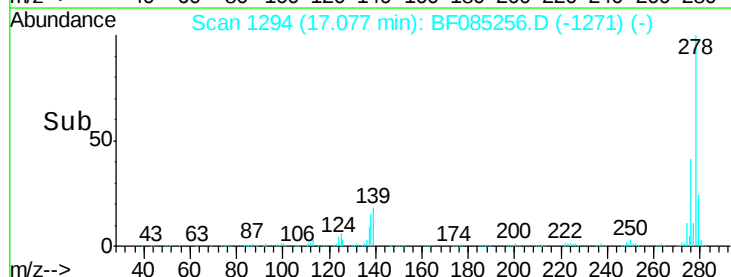
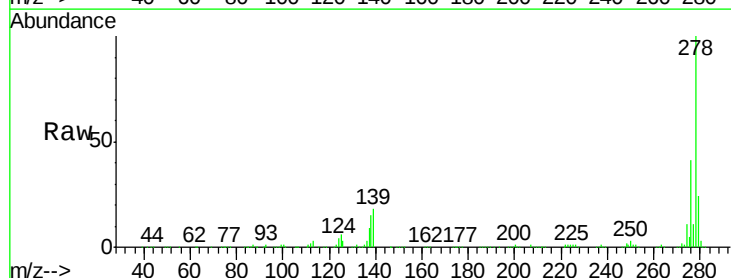
Tgt Ion:278 Resp: 591013

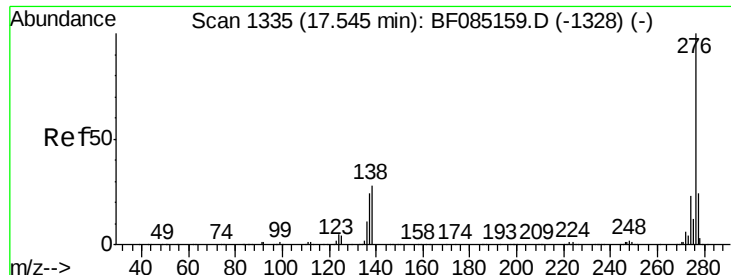
Ion Ratio Lower Upper

278 100

139 17.6 17.3 25.9

279 24.1 19.2 28.8

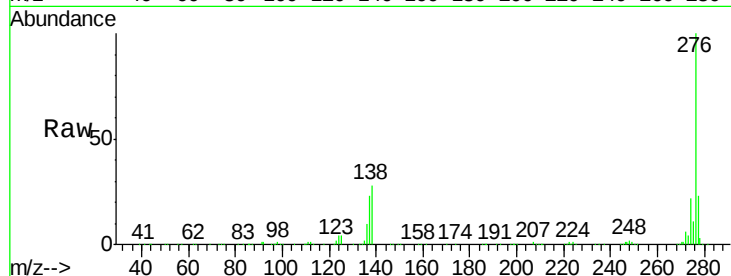




#91
 Benzo(g,h,i)perylene
 Concen: 44.68 ng
 RT: 17.50 min Scan# 1331
 Delta R.T. -0.05 min
 Lab File: BF085256.D
 Acq: 8 Mar 2016 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB88757BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	27.6	22.5	33.7



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

