

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
 Data File : BF085117.D
 Acq On : 2 Mar 2016 14:12
 Operator : SJ/IZ
 Sample : H1631-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 03 01:39:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	167541	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	731667	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	333752	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	636044	20.00	ng	0.00
75) Chrysene-d12	14.15	240	500022	20.00	ng	0.00
86) Perylene-d12	15.63	264	389003	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1591521	154.22	ng	0.01
7) Phenol-d6	6.61	99	1825998	134.97	ng	0.00
23) Nitrobenzene-d5	7.54	82	1251383	90.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	541096	161.33	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1816562	80.16	ng	0.00
78) Terphenyl-d14	13.10	244	1851817	86.88	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	208	0.04	ng	# 36
6) Aniline	6.62	93	337	0.02	ng	# 1
8) 2-Chlorophenol	6.77	128	1146	0.10	ng	# 1
9) Benzaldehyde	6.76	77	34611	2.75	ng	82
10) Phenol	6.62	94	11008	0.73	ng	# 1
11) bis(2-Chloroethyl)ether	6.76	93	2048	0.17	ng	# 1
15) Benzyl Alcohol	7.14	79	20331	2.06	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.40	45	214	0.01	ng	67
17) 2-Methylphenol	7.12	107	501	0.05	ng	# 1
19) n-Nitroso-di-n-propylamine	7.54	70	167490	18.79	ng	# 81
20) 3+4-Methylphenols	7.12	107	501	0.04	ng	# 1
22) Acetophenone	7.38	105	464	0.03	ng	# 53
24) Nitrobenzene	7.54	77	3721	0.26	ng	# 39
31) Naphthalene	8.29	128	945	0.03	ng	# 67
33) 4-Chloroaniline	8.38	127	278	0.02	ng	# 1
45) 1,1'-Biphenyl	9.35	154	4086	0.14	ng	# 1
47) 2-Nitroaniline	9.74	65	5697	0.84	ng	# 1
49) Dimethylphthalate	9.74	163	544636	22.01	ng	99
50) 2,6-Dinitrotoluene	9.74	165	6032	1.18	ng	# 6
51) Acenaphthene	10.02	154	1720	0.09	ng	# 4
54) Dibenzofuran	10.23	168	479	0.02	ng	# 41
56) 2,4-Dinitrotoluene	10.02	165	42790	6.19	ng	# 19
57) Fluorene	10.81	166	19555	0.95	ng	# 89
59) Diethylphthalate	10.44	149	2003	0.08	ng	# 89
62) Azobenzene	10.73	77	479	0.02	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.81	198	1169	7.46	ng	# 1
65) n-Nitrosodiphenylamine	10.81	169	14044	0.70	ng	# 46
66) 4-Bromophenyl-phenylether	10.81	248	31971	4.79	ng	# 1
69) Pentachlorophenol	11.32	266	212	0.05	ng	# 18
70) Phenanthrene	11.53	178	2483	0.08	ng	98
71) Anthracene	11.53	178	2483	0.07	ng	97
72) Carbazole	11.74	167	224	0.01	ng	# 1
73) Di-n-butylphthalate	12.07	149	2791	0.08	ng	# 91
74) Fluoranthene	12.72	202	3295	0.09	ng	95

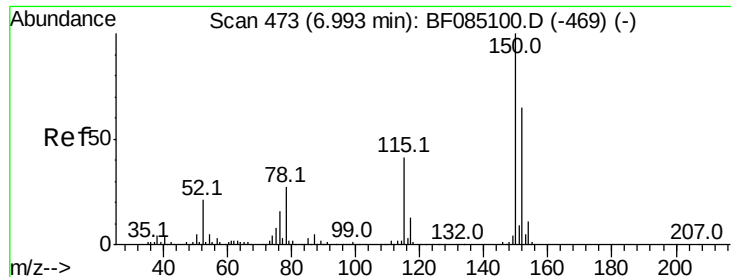
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030216\
Data File : BF085117.D
Acq On : 2 Mar 2016 14:12
Operator : SJ/IZ
Sample : H1631-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Pyrene	12.95	202	2735	0.08	nq	98
79) Butylbenzylphthalate	13.66	149	209	0.01	nq	# 17
80) Benzo(a)anthracene	14.14	228	3335	0.11	nq	# 92
82) Chrysene	14.14	228	3335	0.13	nq	# 92
83) Bis(2-ethylhexyl)phthalate	14.13	149	8130	0.49	nq	# 99
84) Di-n-octyl phthalate	14.64	149	8952	0.36	nq	# 74
87) Benzo(b)fluoranthene	15.19	252	1431	0.06	nq	# 28
88) Benzo(k)fluoranthene	15.19	252	1431	0.07	nq	# 29
89) Benzo(a)pyrene	15.56	252	693	0.03	nq	# 58

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

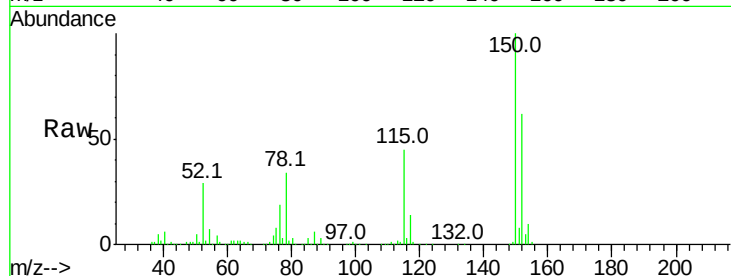
Tot Ion:152 Resp: 167541

Ion Ratio Lower Upper

152 100

150 160.9 123.4 185.0

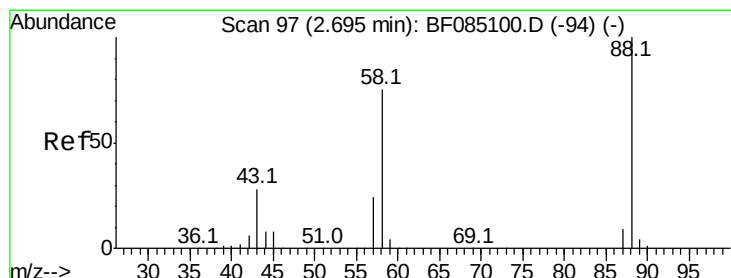
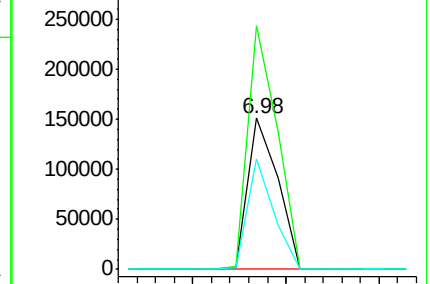
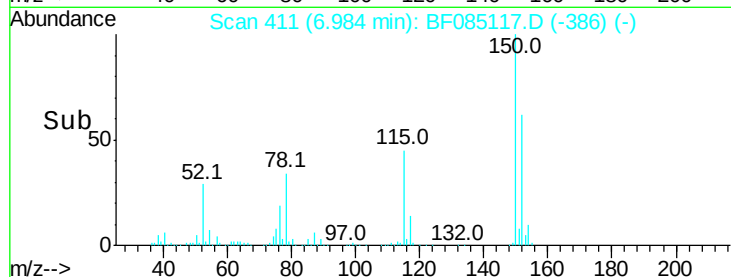
115 73.1 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.04 ng

RT: 2.48 min Scan# 17

Delta R.T. -0.21 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

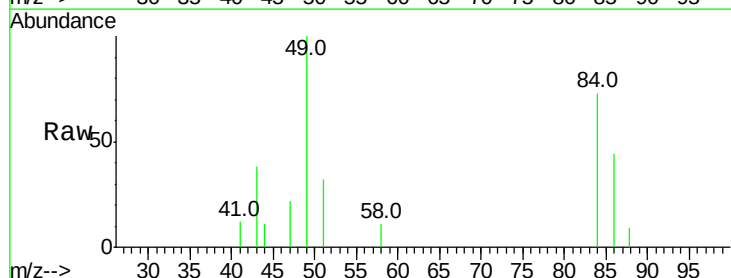
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

58 130.8 58.4 87.6#

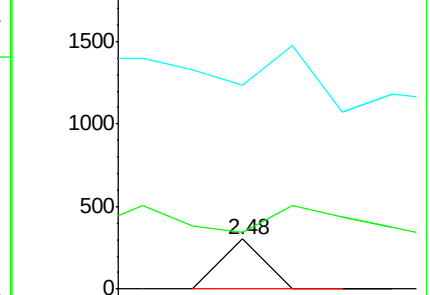
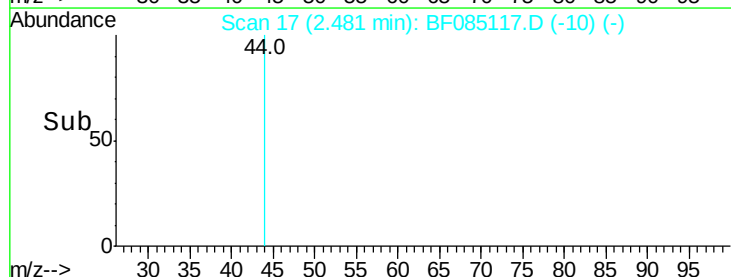
43 0.0 22.2 33.4#

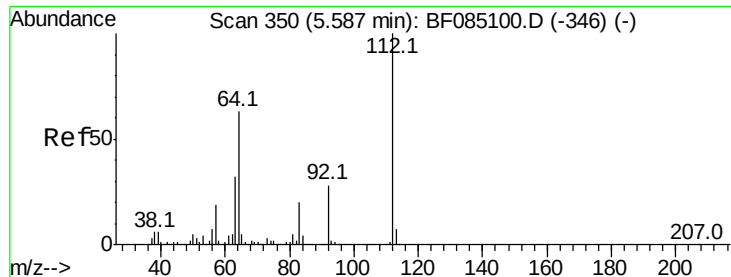


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 154.22 ng

RT: 5.60 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

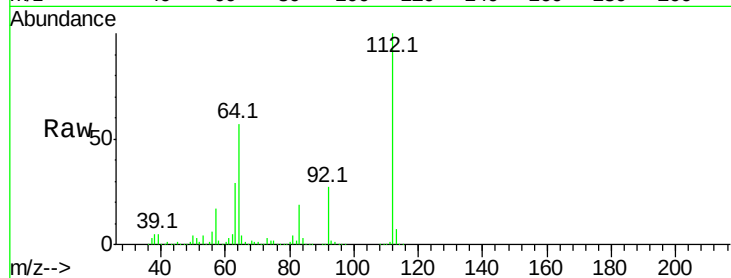
Tot Ion:112 Resp: 1591521

Ion Ratio Lower Upper

112 100

64 56.5 50.6 76.0

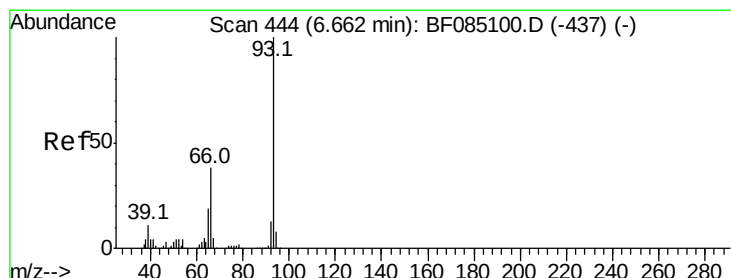
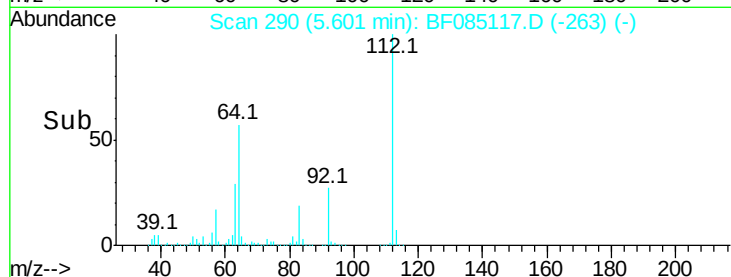
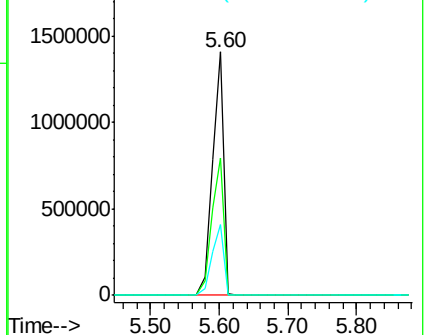
63 28.9 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 0.02 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.04 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

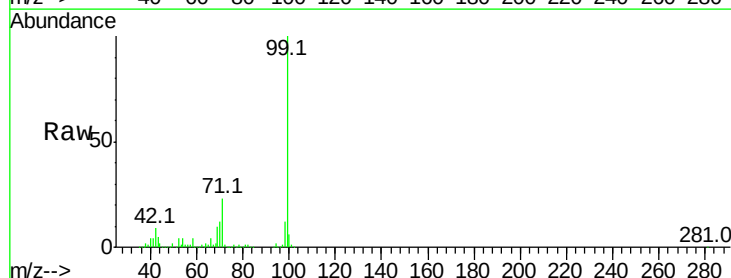
Tgt Ion: 93 Resp: 337

Ion Ratio Lower Upper

93 100

66 5429.3 30.1 45.1#

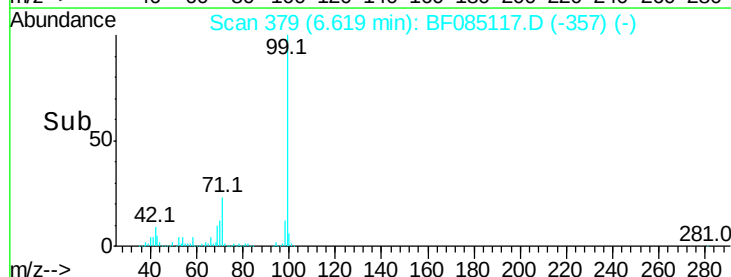
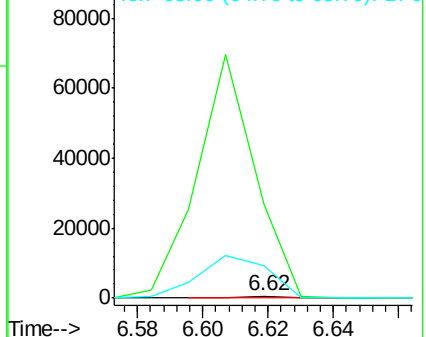
65 1869.5 15.0 22.6#

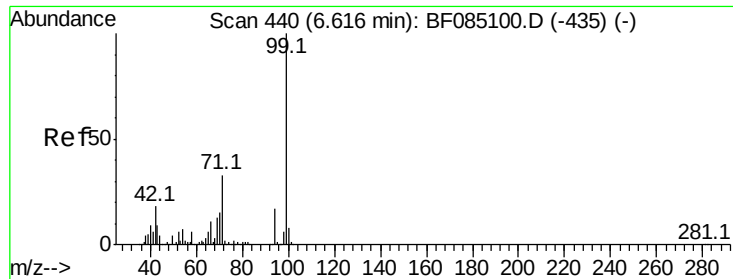


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.97 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

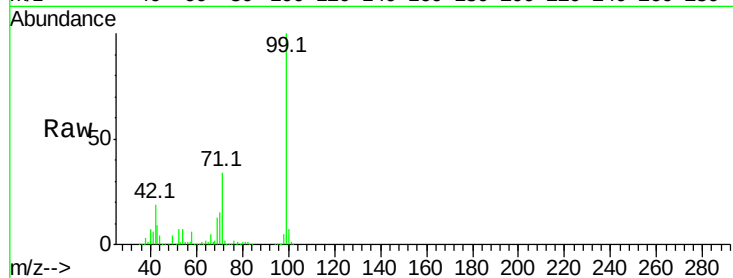
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1825998

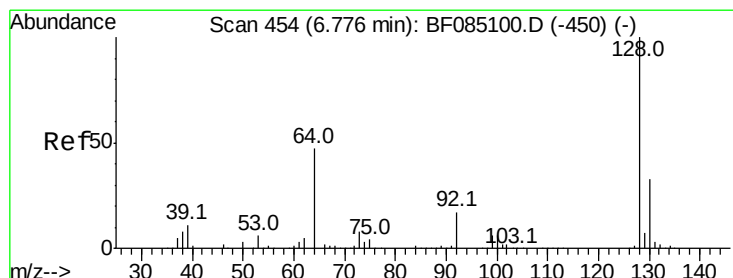
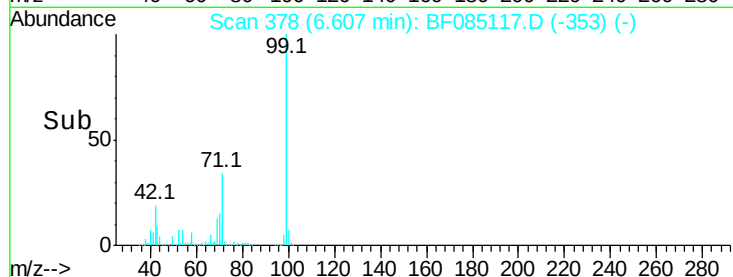
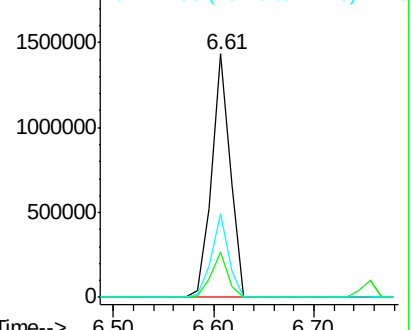
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	34.3	26.8	40.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 0.10 ng

RT: 6.77 min Scan# 392

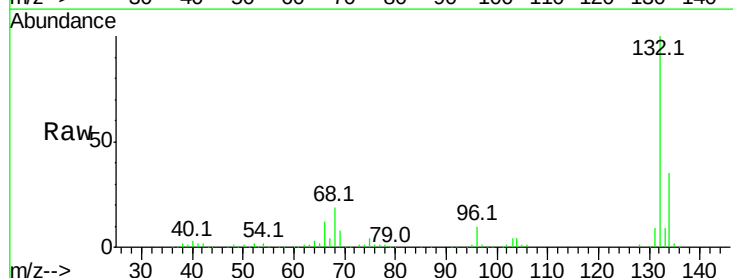
Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Tgt Ion:128 Resp: 1146

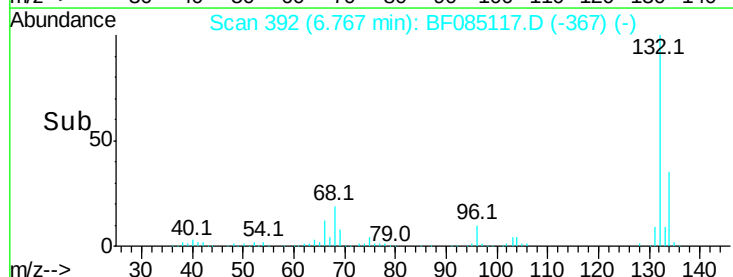
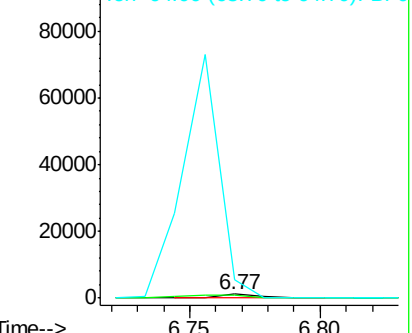
Ion	Ratio	Lower	Upper
128	100		
130	73.2	13.1	53.1#
64	466.2	29.6	69.6#

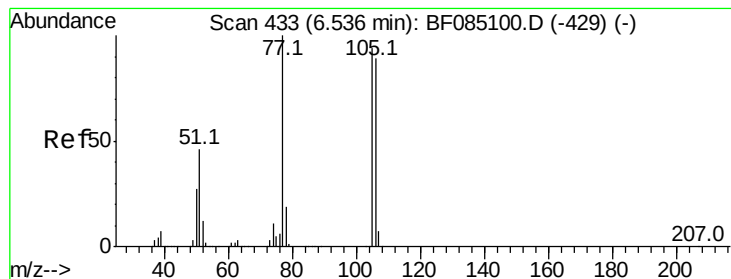


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.76 min Scan# 391

Delta R.T. 0.22 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampled :

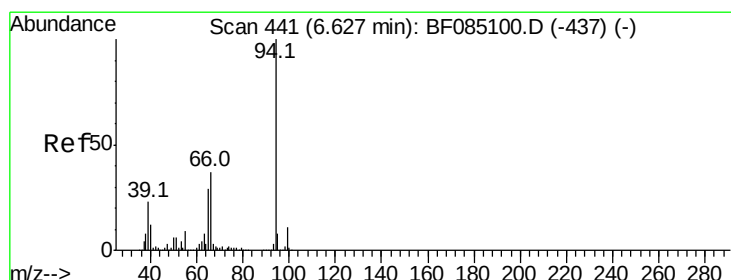
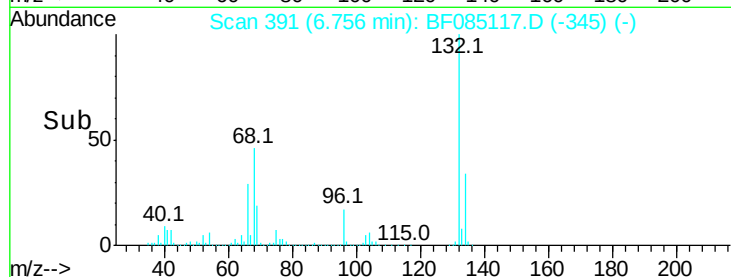
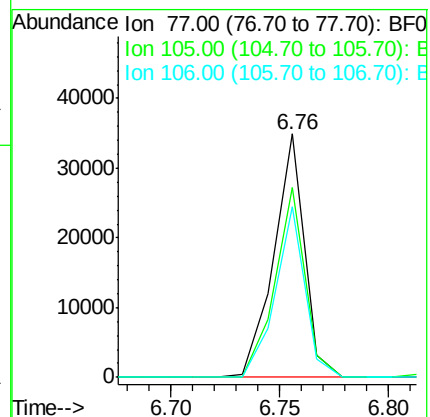
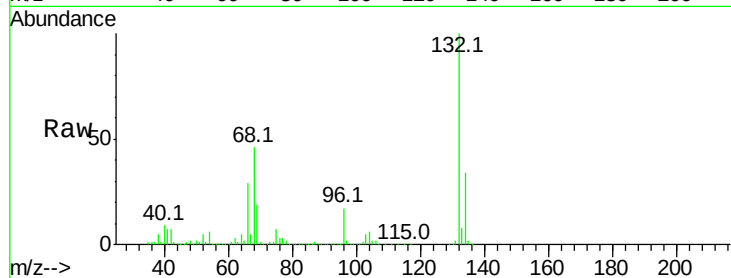
Tot Ion: 77 Resp: 34611

Ion Ratio Lower Upper

77 100

105 77.8 73.7 113.7

106 70.2 69.2 109.2



#10

Phenol

Concen: 0.73 ng

RT: 6.62 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

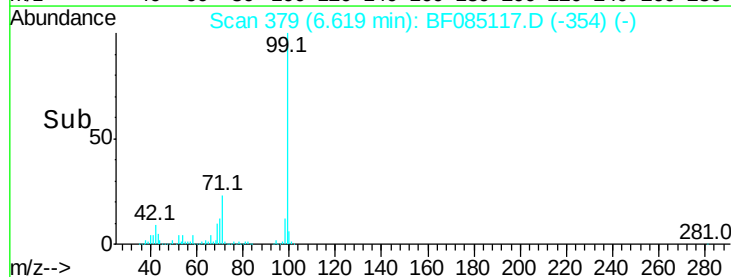
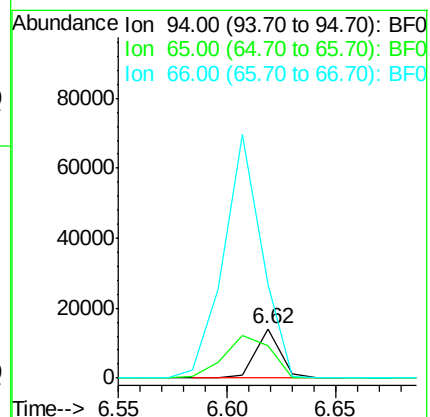
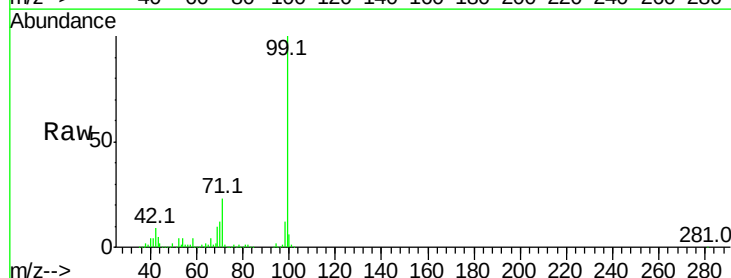
Tgt Ion: 94 Resp: 11008

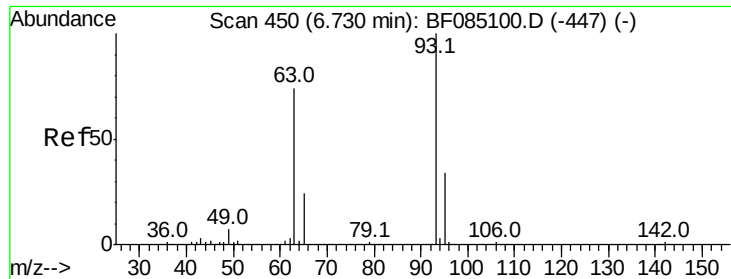
Ion Ratio Lower Upper

94 100

65 64.9 9.1 49.1#

66 188.6 17.5 57.5#

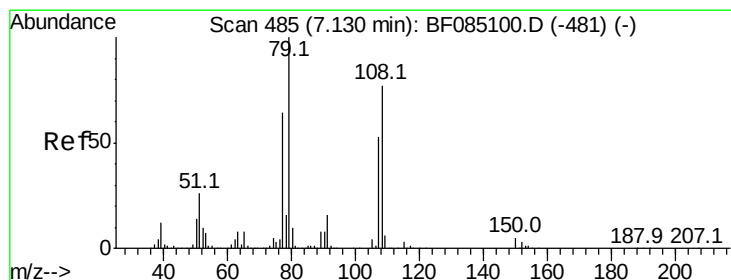
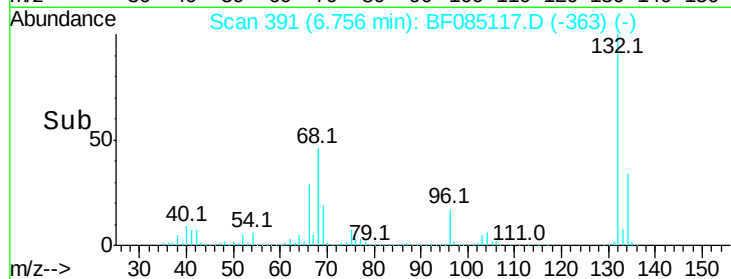
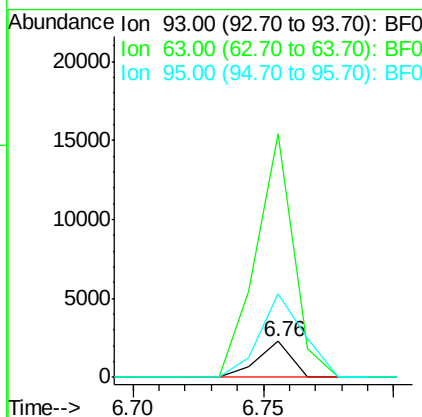
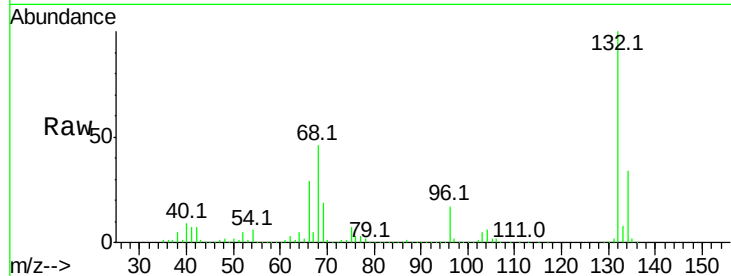




#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 6.76 min Scan# 391
Delta R.T. 0.03 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

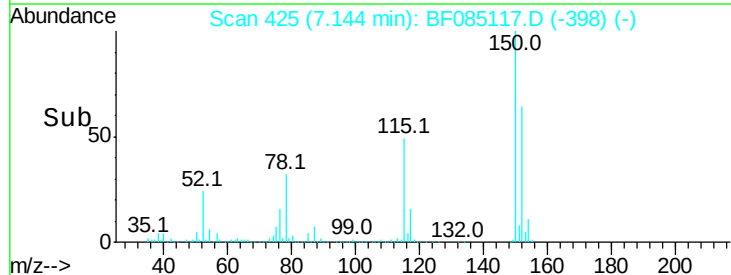
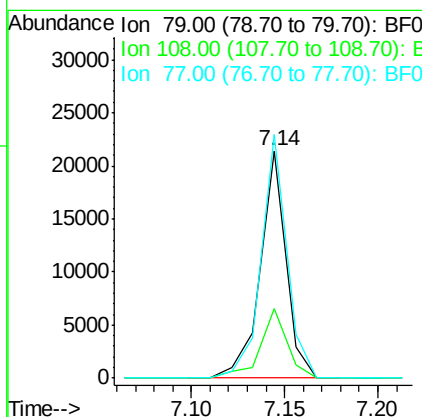
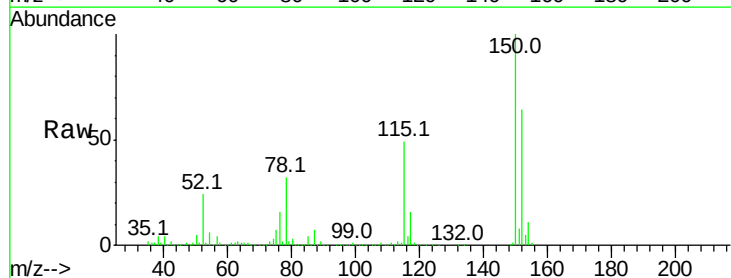
Instrument :
BNA_F
ClientSampleId :

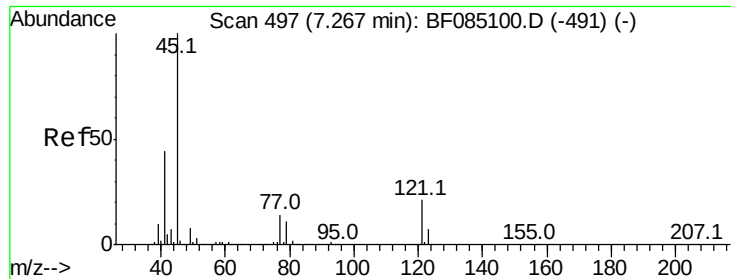
Tot Ion: 93 Resp: 2048
Ion Ratio Lower Upper
93 100
63 674.6 53.9 93.9#
95 231.3 13.8 53.8#



#15
Benzyl Alcohol
Concen: 2.06 ng
RT: 7.14 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion: 79 Resp: 20331
Ion Ratio Lower Upper
79 100
108 30.8 61.8 92.6#
77 107.2 51.2 76.8#

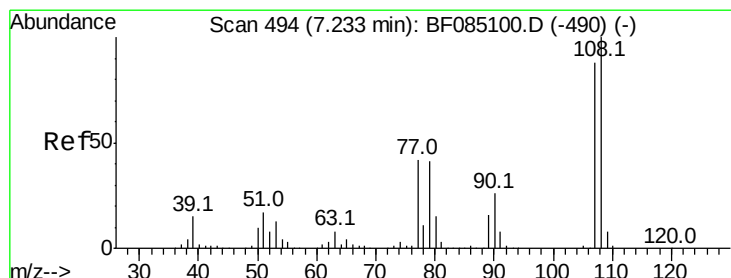
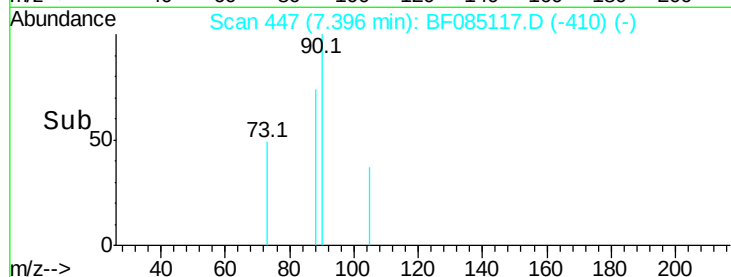
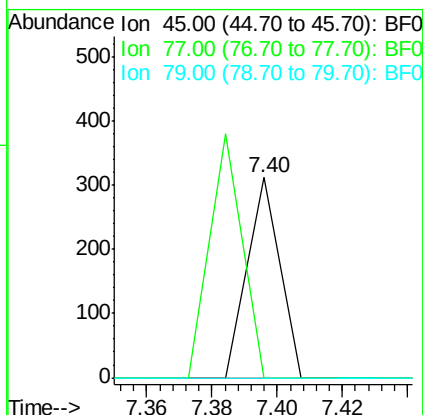
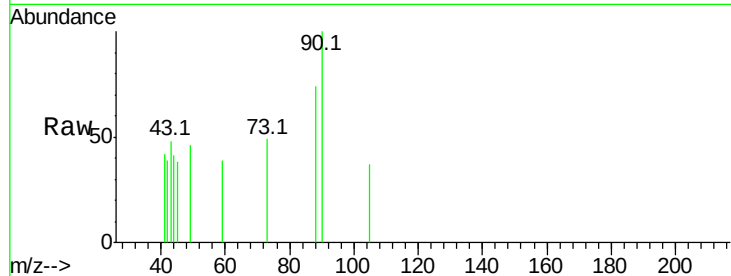




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.13 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

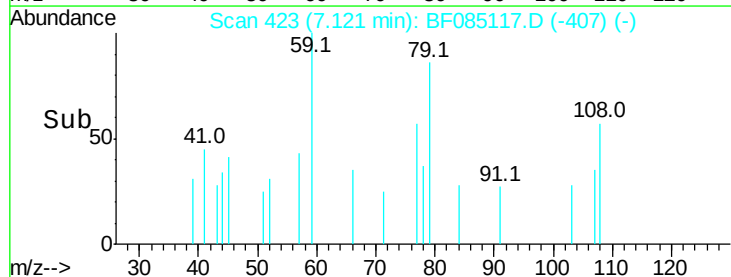
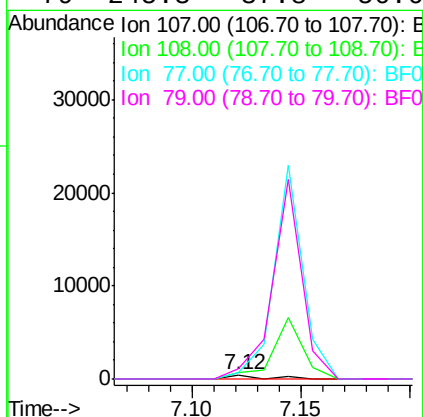
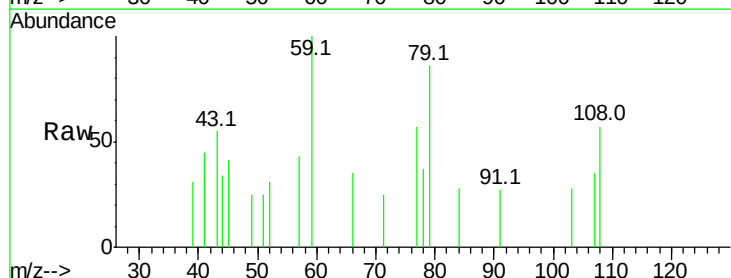
Instrument :
BNA_F
ClientSampleId :

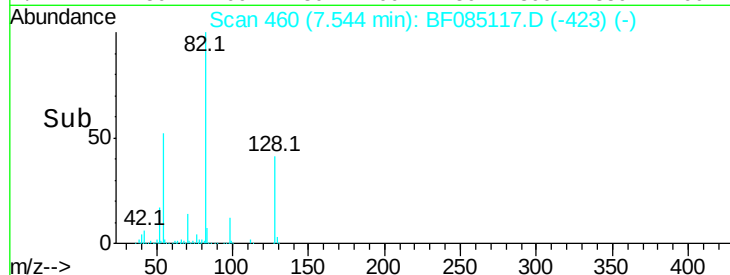
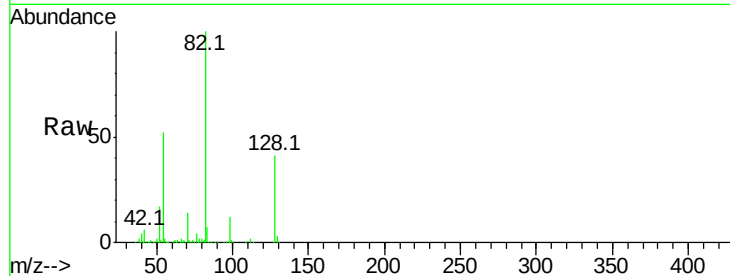
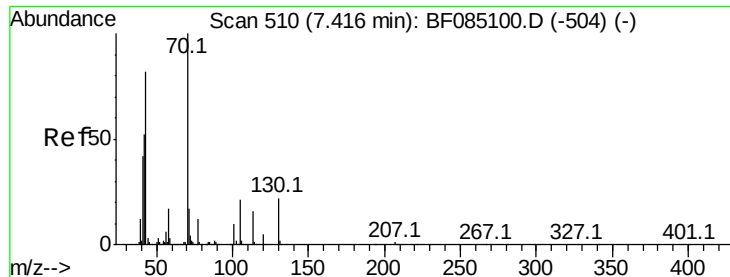
Tot Ion: 45 Resp: 214
Ion Ratio Lower Upper
45 100
77 0.0 0.0 34.4
79 0.0 0.0 31.1



#17
2-Methylphenol
Concen: 0.05 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.11 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion: 107 Resp: 501
Ion Ratio Lower Upper
107 100
108 162.4 91.4 137.2#
77 161.0 38.7 58.1#
79 245.3 37.8 56.6#

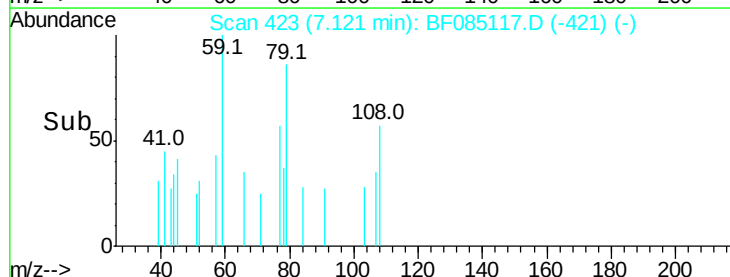
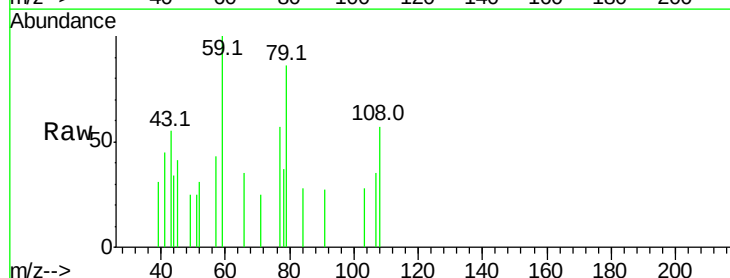
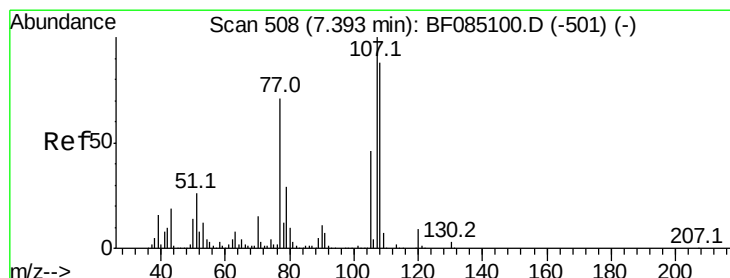
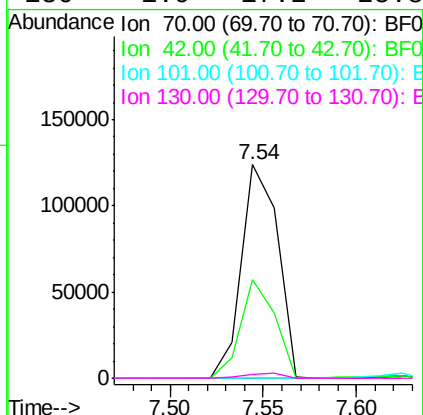




#19
n-Nitroso-di-n-propylamine
Concen: 18.79 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

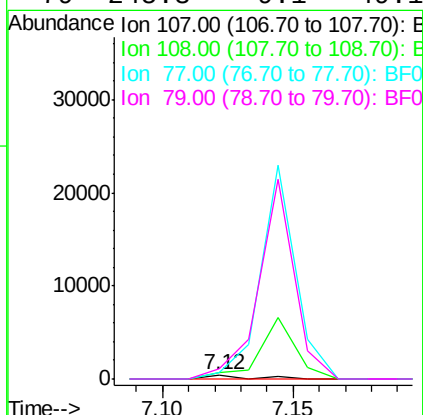
Instrument :
BNA_F
ClientSampleId :

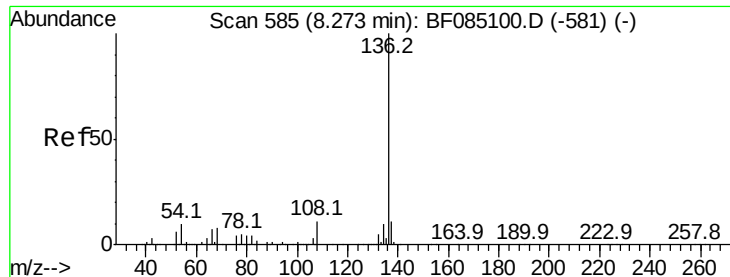
Tot Ion:	70	Resp:	167490
Ion	Ratio	Lower	Upper
70	100		
42	46.2	41.9	62.9
101	0.0	7.8	11.8#
130	1.9	17.2	25.8#



#20
3+4-Methylphenols
Concen: 0.04 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.27 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:	107	Resp:	501
Ion	Ratio	Lower	Upper
107	100		
108	162.4	67.8	107.8#
77	161.0	50.6	90.6#
79	245.3	9.1	49.1#

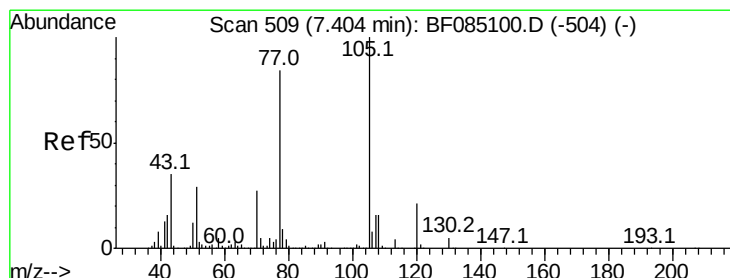
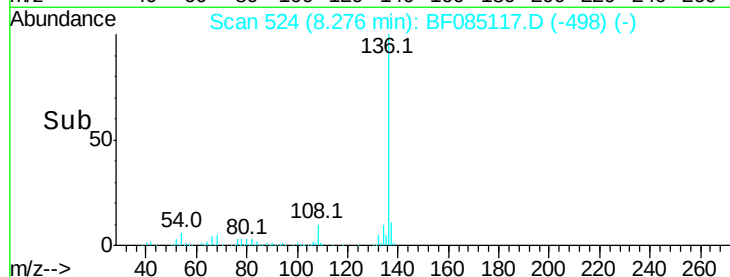
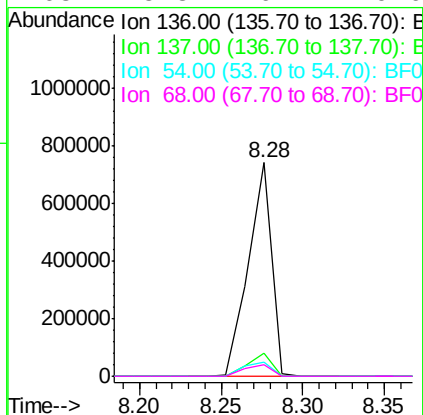
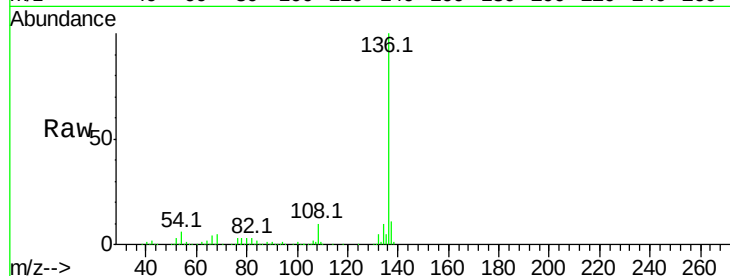




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

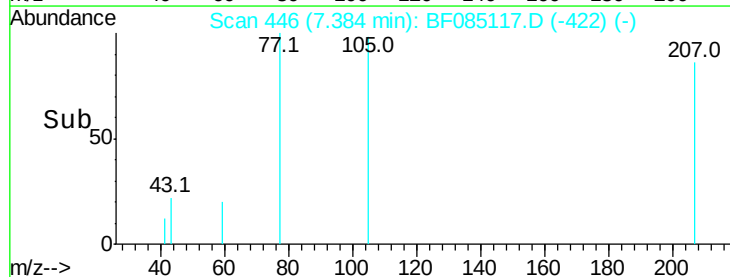
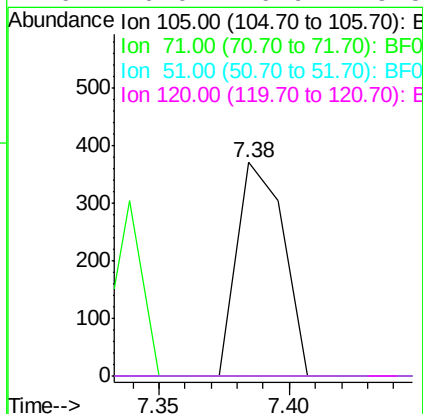
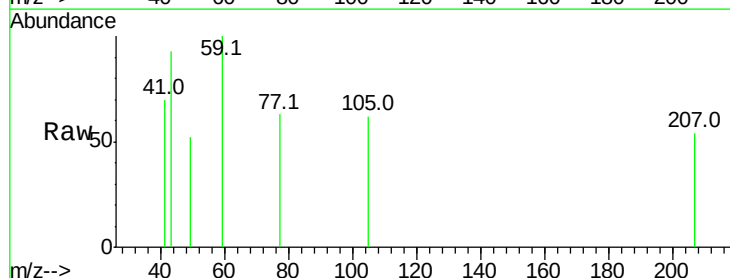
Instrument :
BNA_F
ClientSampleId :

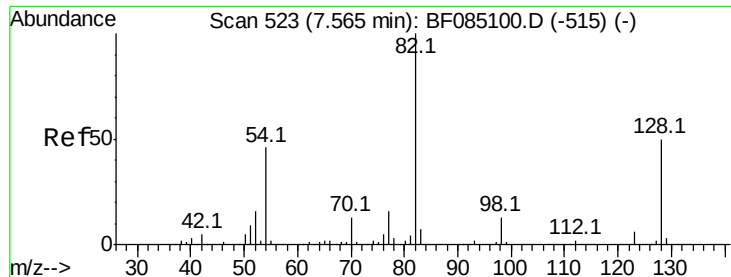
Tot Ion:	136	Resp:	731667
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.3	8.5	12.7#
68	5.3	6.4	9.6#



#22
Acetophenone
Concen: 0.03 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:	105	Resp:	464
Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.8	5.6#
51	0.0	22.9	34.3#
120	0.0	16.9	25.3#





#23

Nitrobenzene-d5

Concen: 90.99 ng

RT: 7.54 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampled :

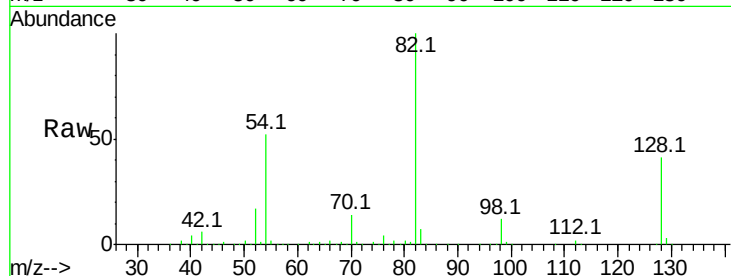
Tot Ion: 82 Resp: 1251383

Ion Ratio Lower Upper

82 100

128 40.6 39.8 59.6

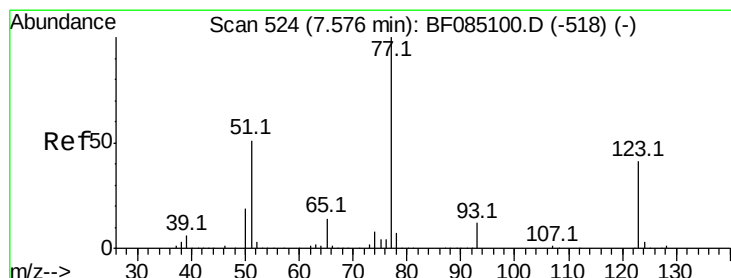
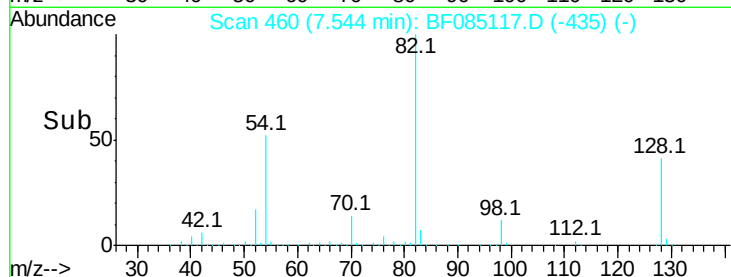
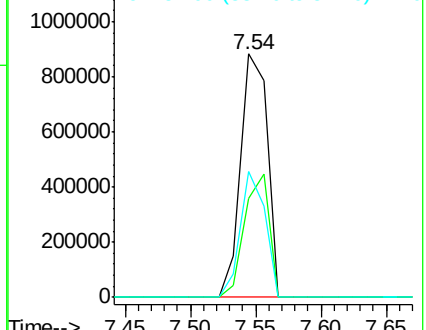
54 51.7 36.6 54.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 0.26 ng

RT: 7.54 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

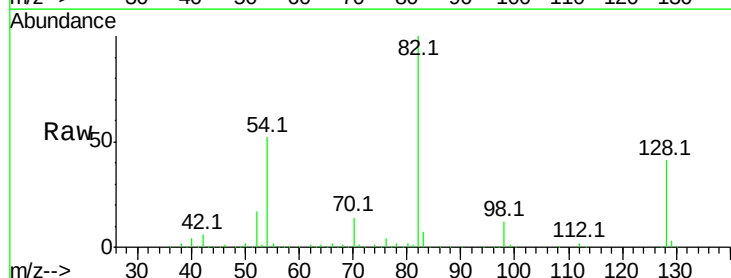
Tgt Ion: 77 Resp: 3721

Ion Ratio Lower Upper

77 100

123 0.0 33.4 50.2#

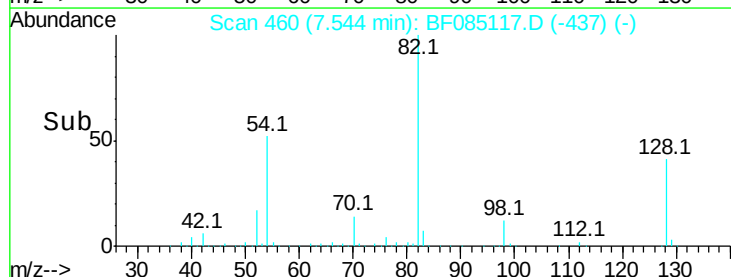
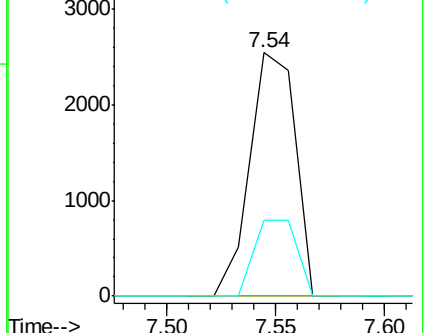
65 31.1 10.9 16.3#

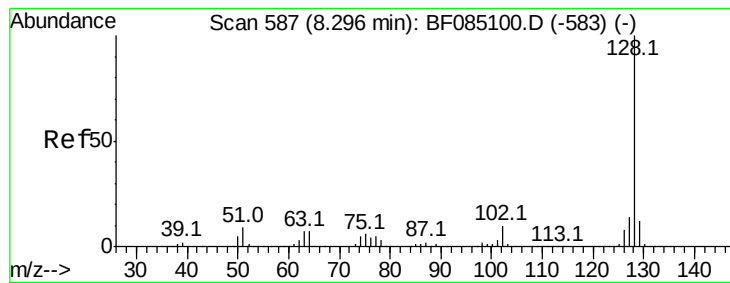


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#31

Naphthalene

Concen: 0.03 ng

RT: 8.29 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampled :

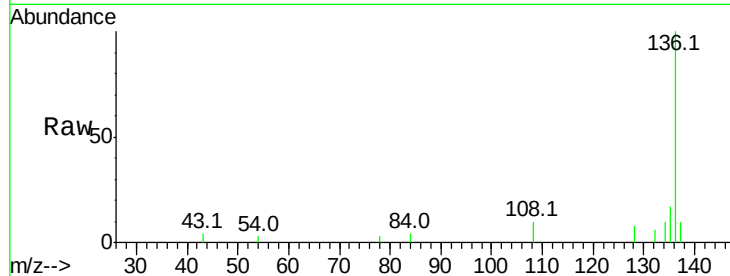
Tot Ion:128 Resp: 945

Ion Ratio Lower Upper

128 100

129 0.0 9.7 14.5#

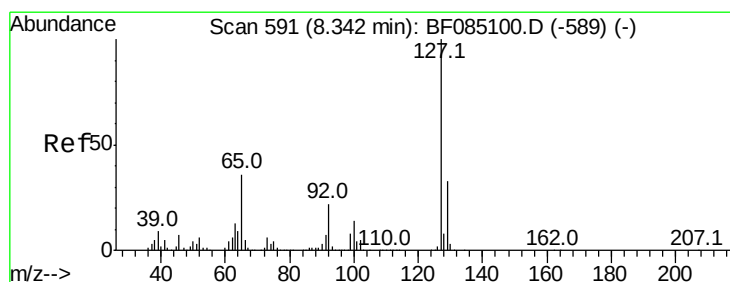
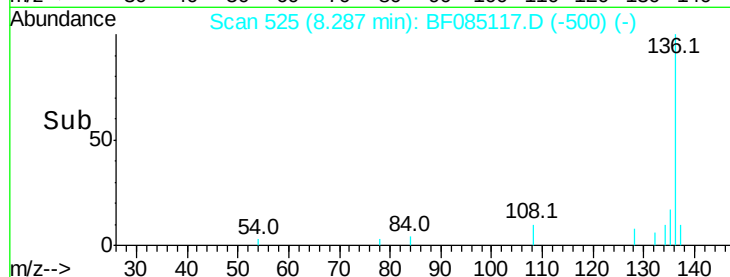
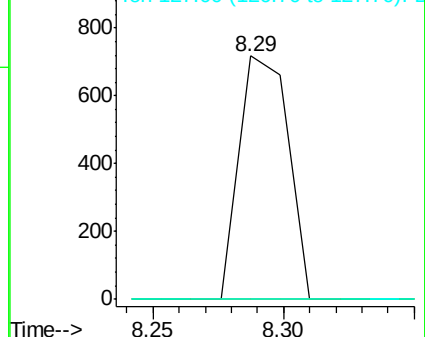
127 0.0 11.1 16.7#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 0.02 ng

RT: 8.38 min Scan# 533

Delta R.T. 0.04 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Tgt Ion:127 Resp: 278

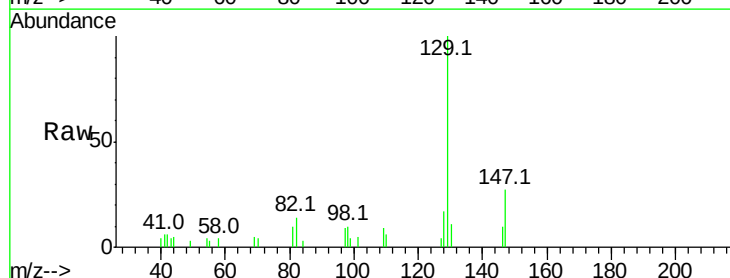
Ion Ratio Lower Upper

127 100

129 2248.1 26.3 39.5#

65 0.0 28.6 43.0#

92 0.0 17.8 26.8#

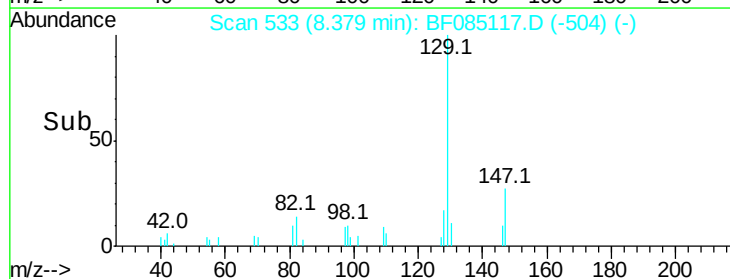
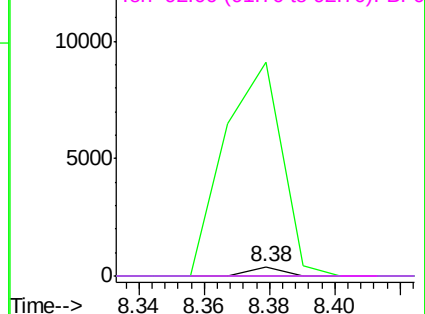


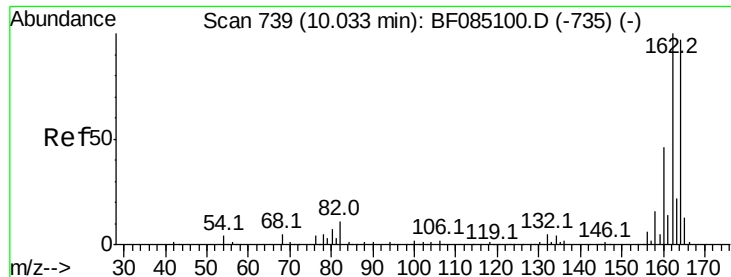
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

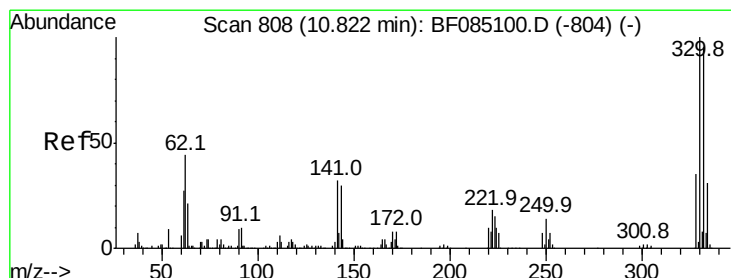
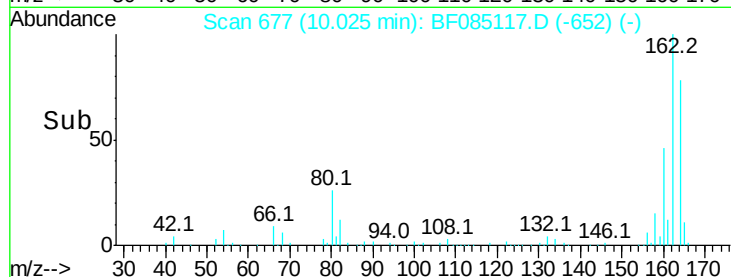
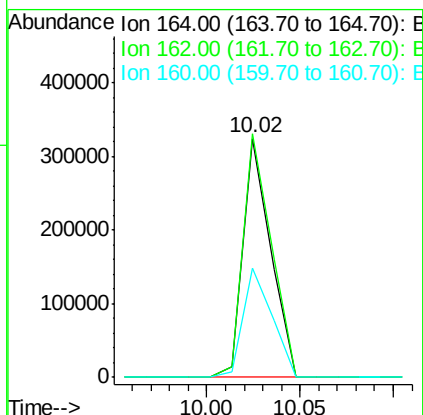
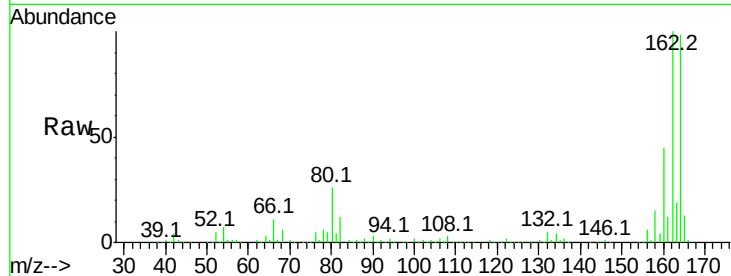




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

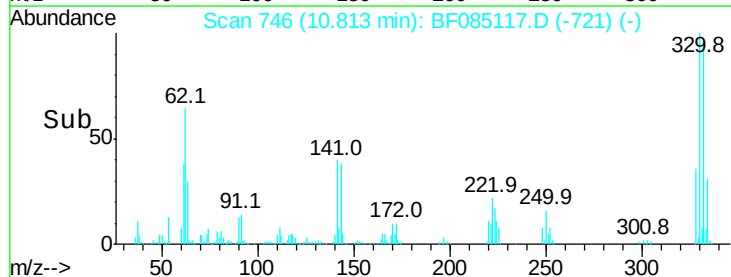
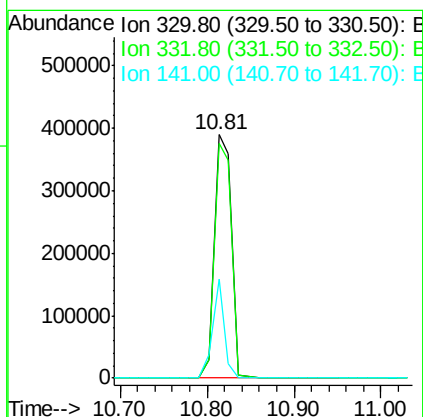
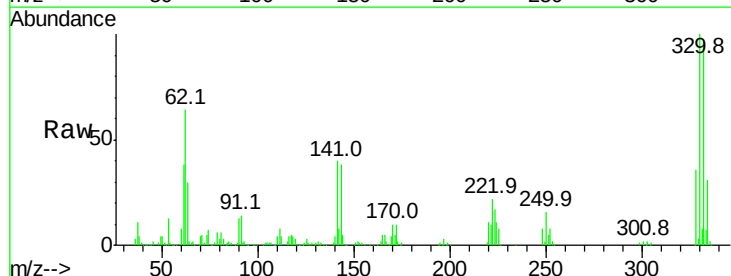
Instrument :
BNA_F
ClientSampleId :

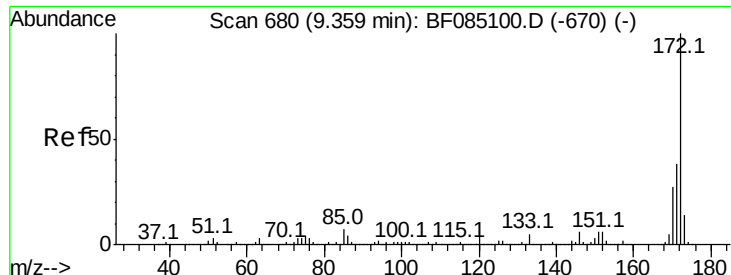
Tot Ion:164 Resp: 333752
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 45.8 38.2 57.2



#41
2,4,6-Tribromophenol
Concen: 161.33 ng
RT: 10.81 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:330 Resp: 541096
Ion Ratio Lower Upper
330 100
332 96.8 75.9 113.9
141 28.4 28.9 43.3#

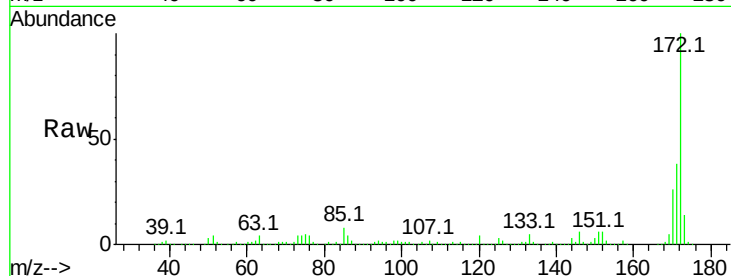




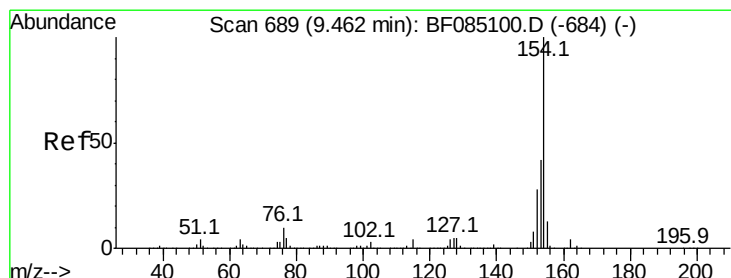
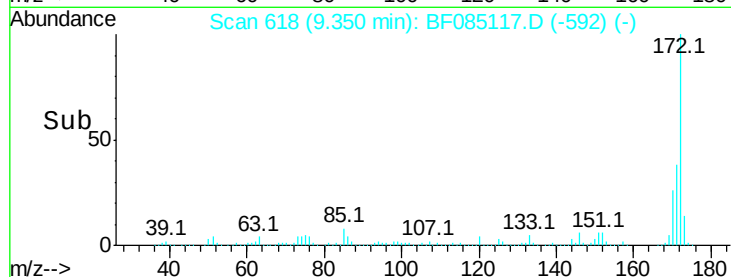
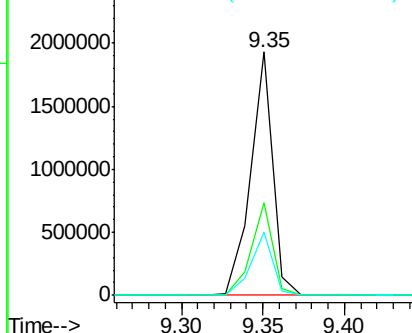
#44
2-Fluorobiphenyl
Concen: 80.16 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1816562
Ion Ratio Lower Upper
172 100
171 37.8 30.5 45.7
170 26.1 21.2 31.8

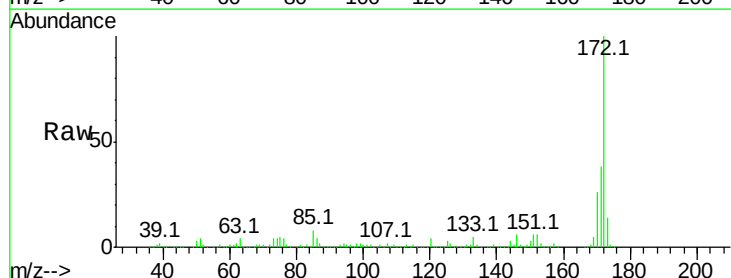


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

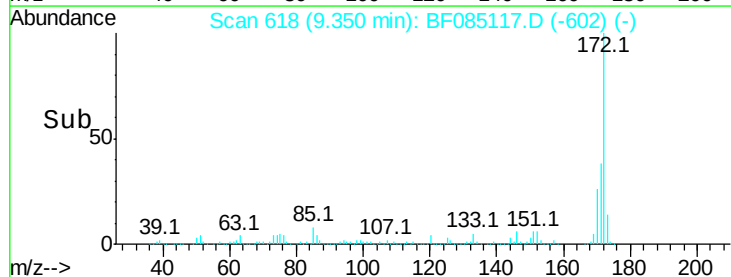
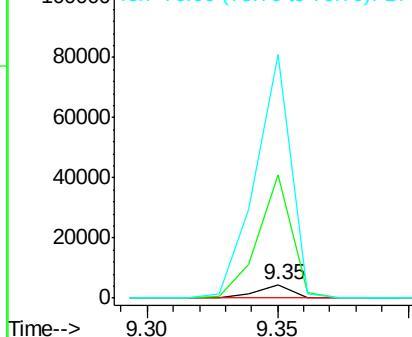


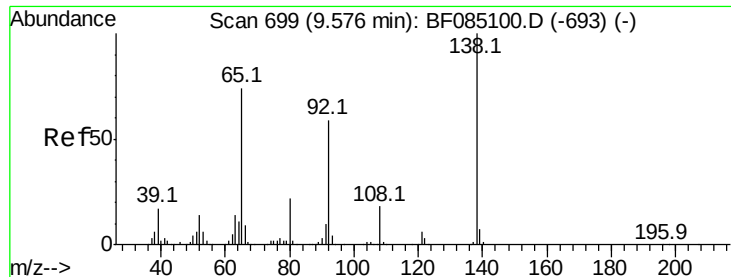
#45
1,1'-Biphenyl
Concen: 0.14 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.11 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:154 Resp: 4086
Ion Ratio Lower Upper
154 100
153 897.2 21.5 61.5#
76 1769.2 0.0 29.7#



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

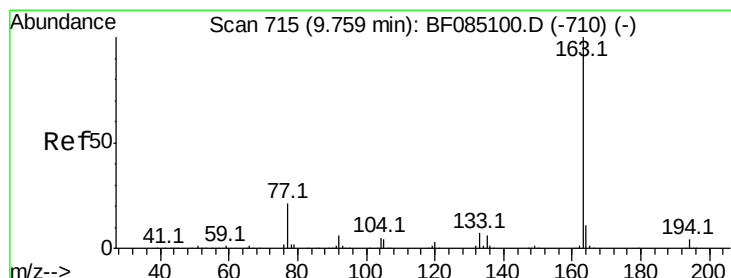
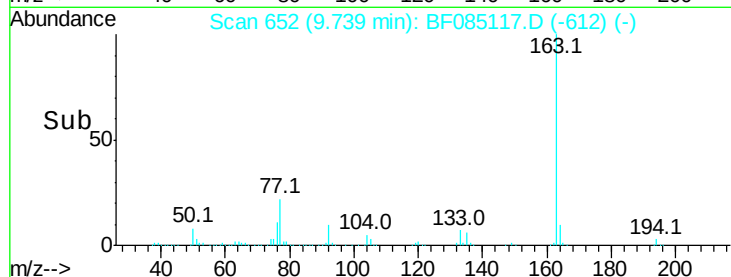
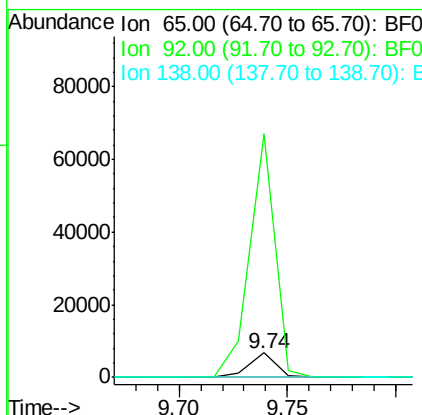
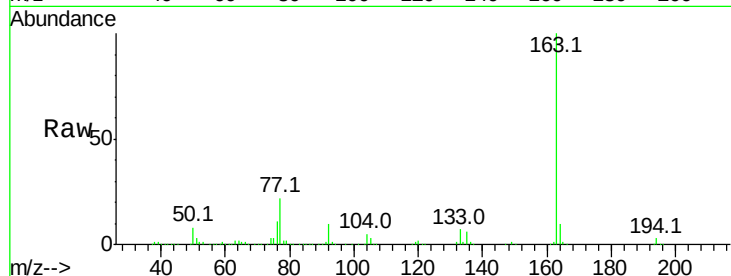




#47
2-Nitroaniline
Concen: 0.84 ng
RT: 9.74 min Scan# 652
Delta R.T. 0.16 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

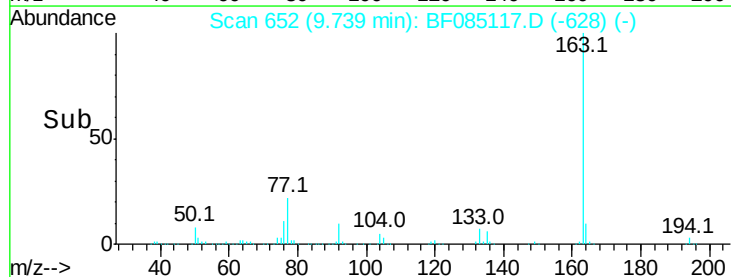
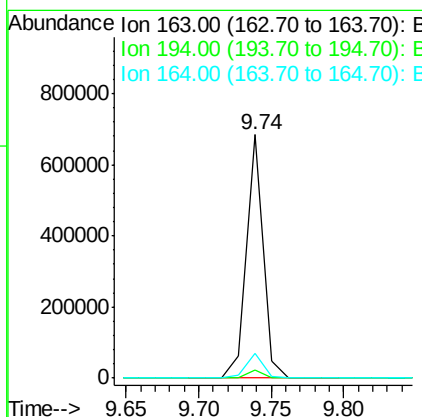
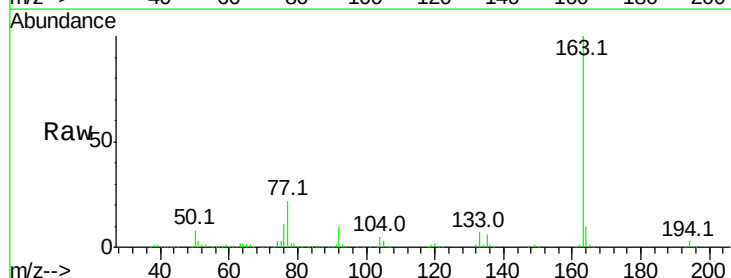
Instrument :
BNA_F
ClientSampleId :

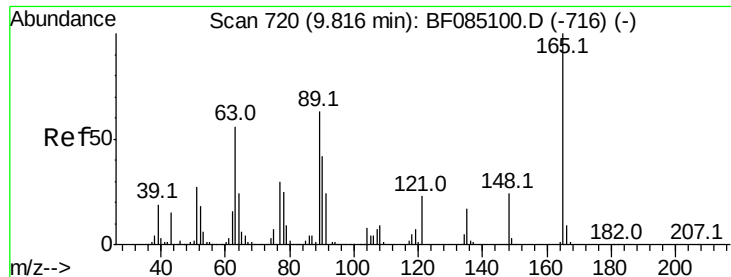
Tot Ion: 65 Resp: 5697
Ion Ratio Lower Upper
65 100
92 993.6 63.8 95.6#
138 0.0 108.5 162.7#



#49
Dimethylphthalate
Concen: 22.01 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:163 Resp: 544636
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 10.3 8.6 12.8

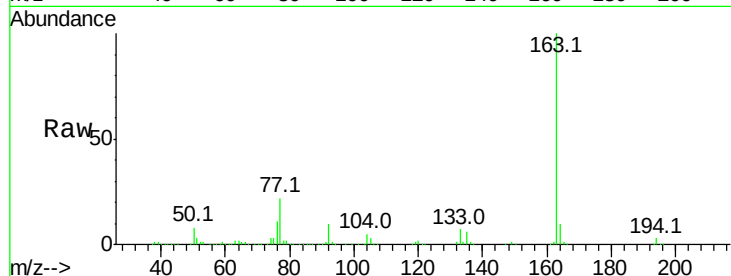




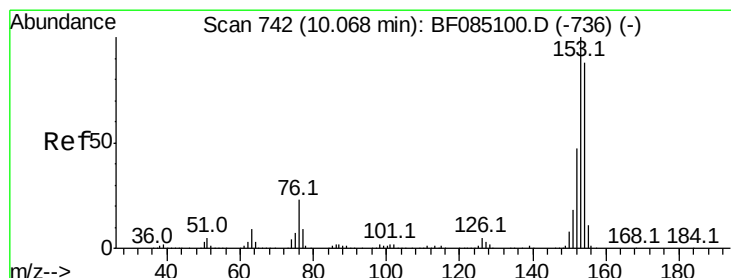
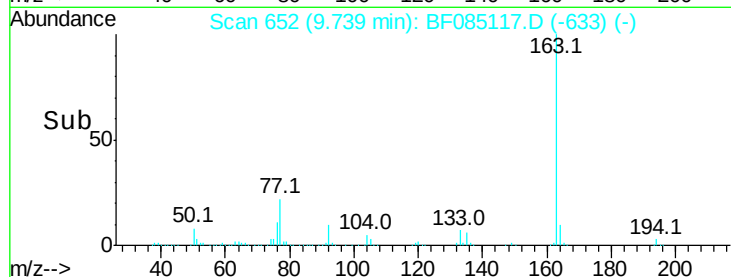
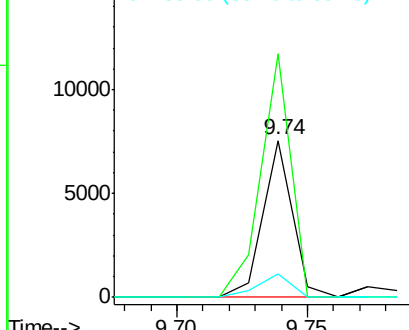
#50
2,6-Dinitrotoluene
Concen: 1.18 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 6032
Ion Ratio Lower Upper
165 100
63 155.0 47.4 71.2#
89 14.8 50.2 75.2#

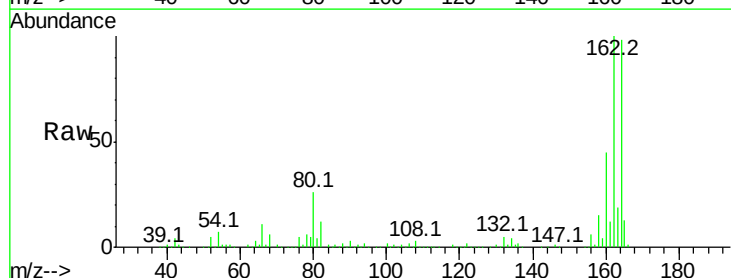


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

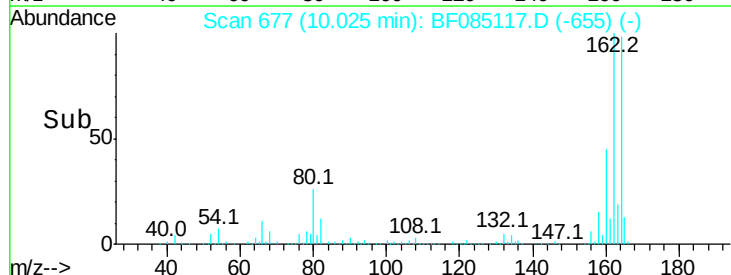
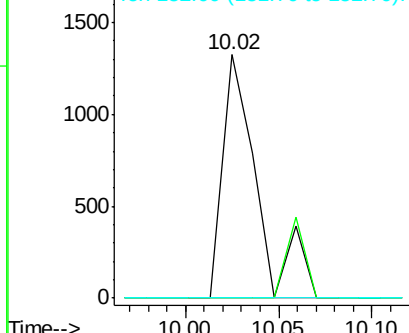


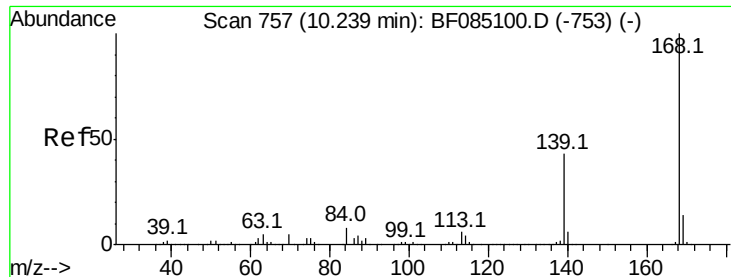
#51
Acenaphthene
Concen: 0.09 ng
RT: 10.02 min Scan# 677
Delta R.T. -0.04 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:154 Resp: 1720
Ion Ratio Lower Upper
154 100
153 0.0 91.0 136.6#
152 0.0 43.0 64.6#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.02 ng

RT: 10.23 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampled :

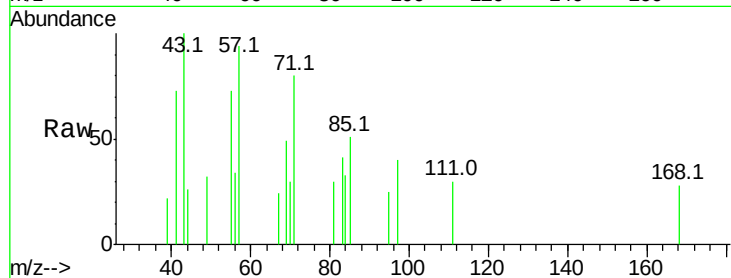
Tot Ion:168 Resp: 479

Ion Ratio Lower Upper

168 100

139 0.0 34.2 51.2#

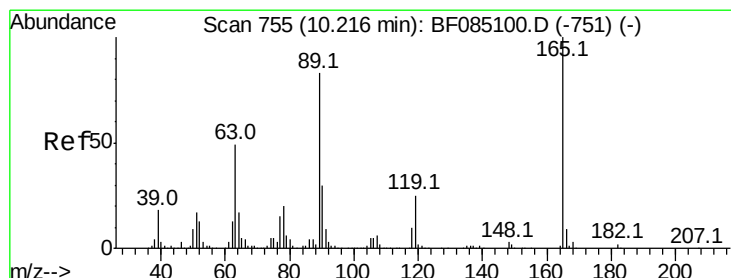
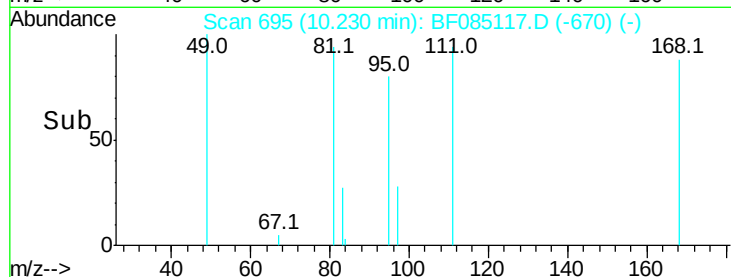
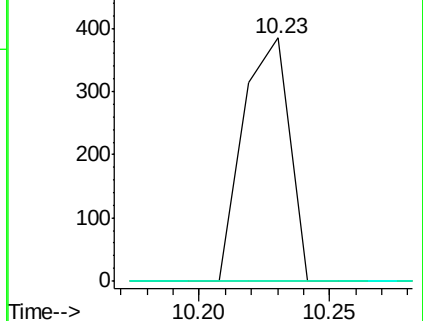
169 0.0 11.4 17.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

2,4-Dinitrotoluene

Concen: 6.19 ng

RT: 10.02 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Tgt Ion:165 Resp: 42790

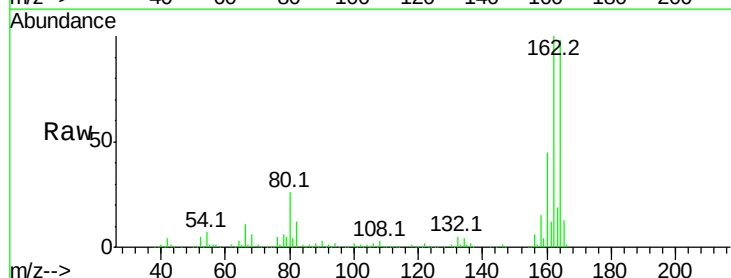
Ion Ratio Lower Upper

165 100

63 1.4 39.2 58.8#

89 1.7 66.2 99.4#

182 0.0 1.8 2.8#

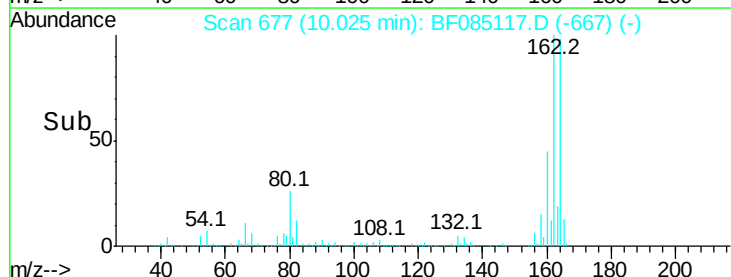
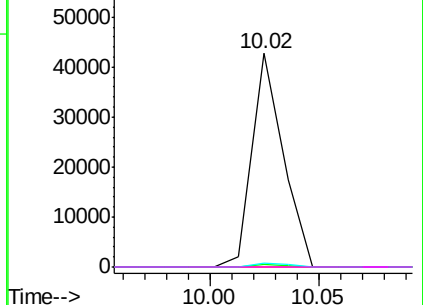


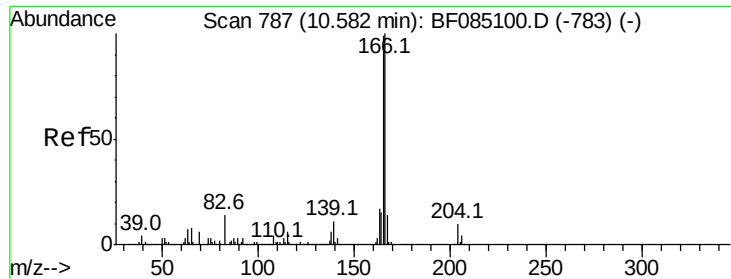
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

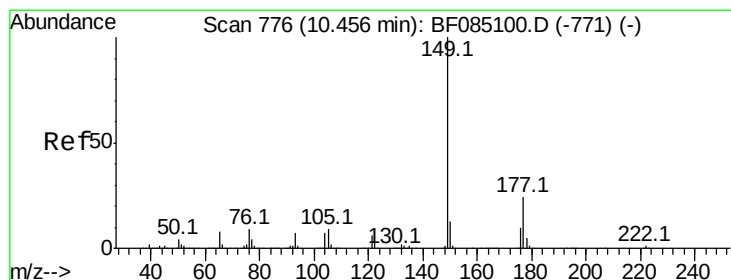
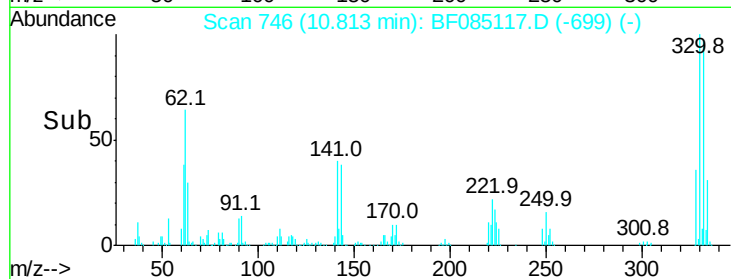
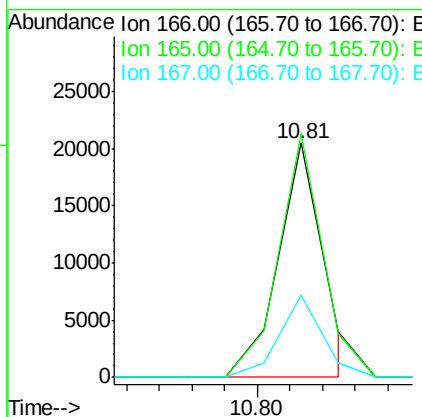
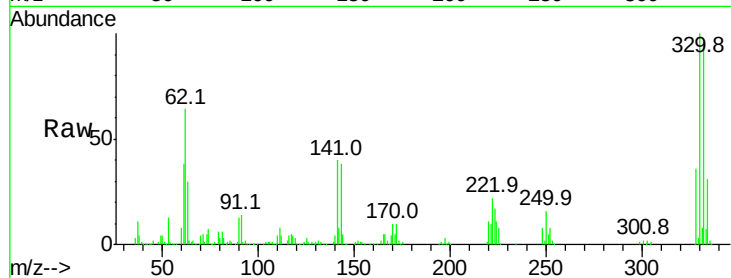




#57
 Fluorene
 Concen: 0.95 ng
 RT: 10.81 min Scan# 746
 Delta R.T. 0.23 min
 Lab File: BF085117.D
 Acq: 2 Mar 2016 14:12

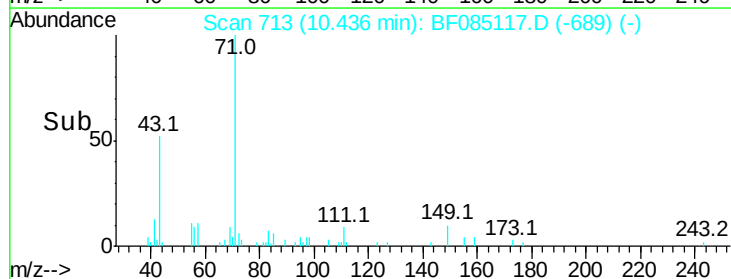
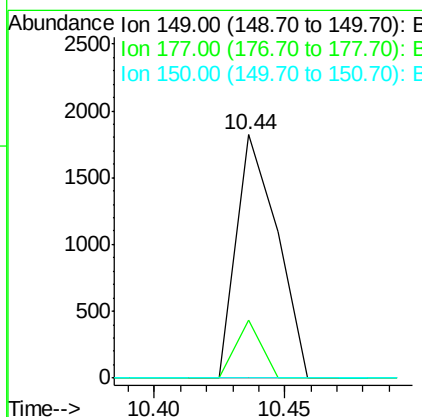
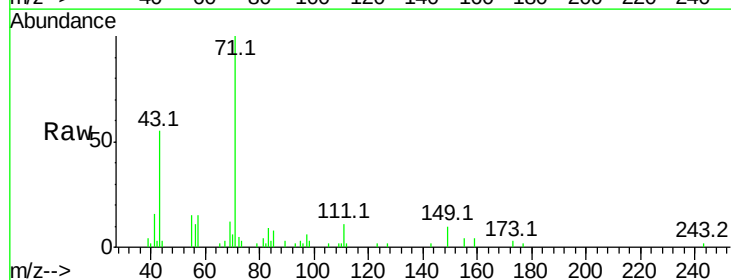
Instrument :
 BNA_F
 ClientSampleId :

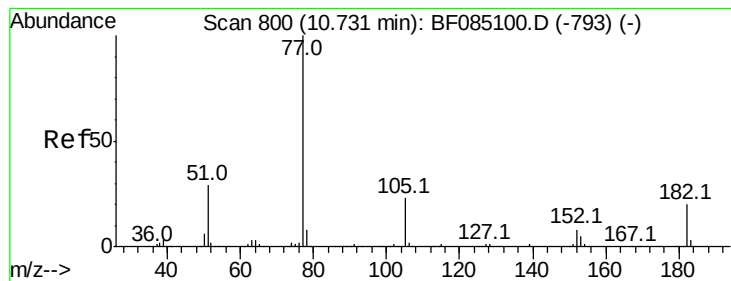
Tot Ion:166 Resp: 19555
 Ion Ratio Lower Upper
 166 100
 165 104.0 79.4 119.2
 167 35.1 11.2 16.8#



#59
 Diethylphthalate
 Concen: 0.08 ng
 RT: 10.44 min Scan# 713
 Delta R.T. -0.02 min
 Lab File: BF085117.D
 Acq: 2 Mar 2016 14:12

Tgt Ion:149 Resp: 2003
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.4 29.2
 150 0.0 10.1 15.1#





#62

Azobenzene

Concen: 0.02 ng

RT: 10.73 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 479

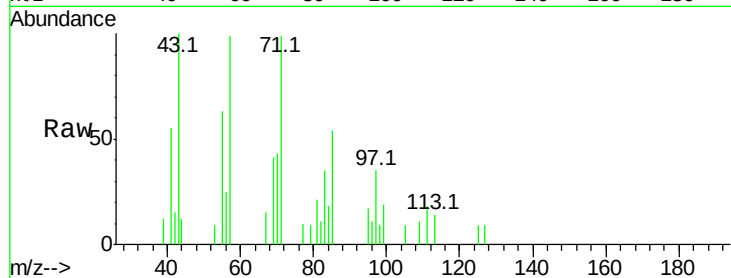
Ion Ratio Lower Upper

77 100

182 0.0 0.0 39.8

105 85.6 2.7 42.7#

51 0.0 9.4 49.4#

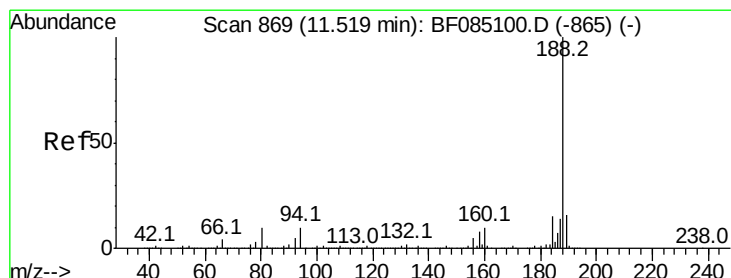
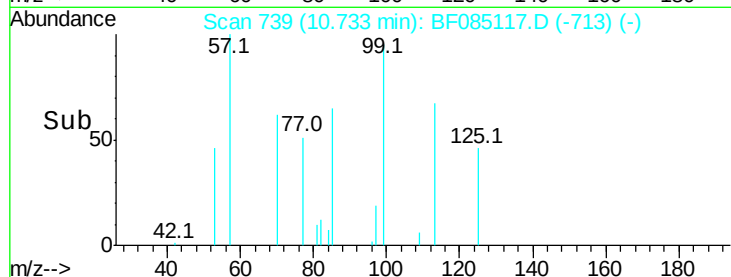
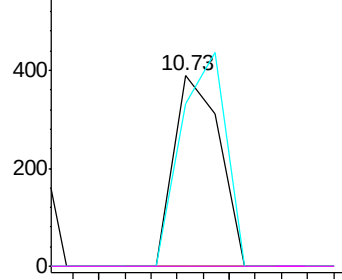


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

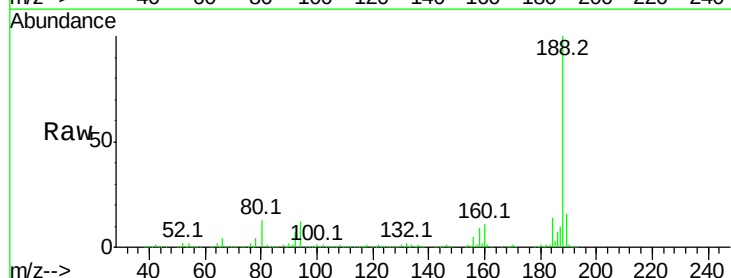
Tgt Ion: 188 Resp: 636044

Ion Ratio Lower Upper

188 100

94 12.0 7.8 11.6#

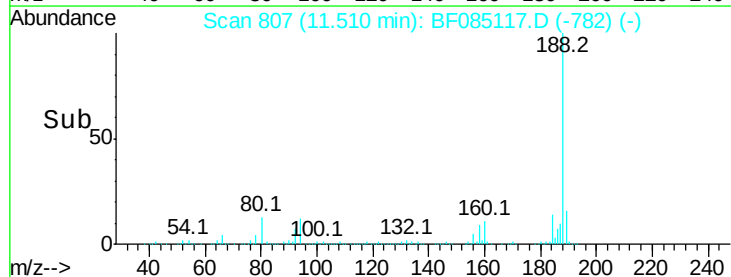
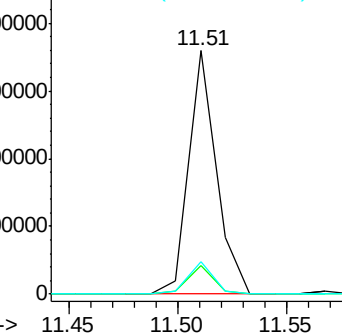
80 13.1 8.2 12.4#

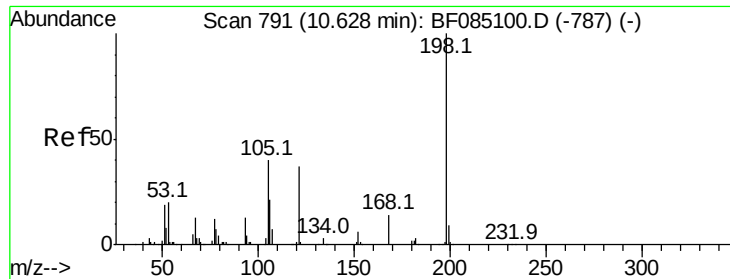


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 7.46 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.19 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampled :

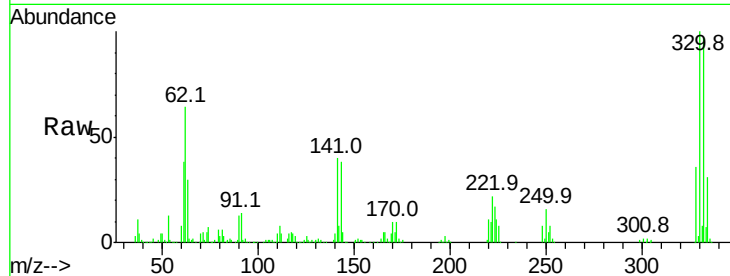
Tot Ion:198 Resp: 1169

Ion Ratio Lower Upper

198 100

51 170.2 12.5 52.5#

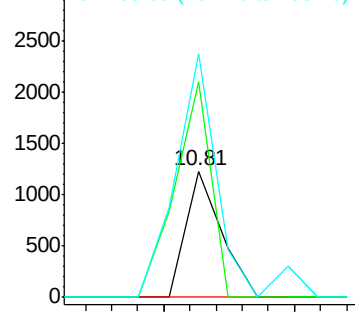
105 192.8 20.2 60.2#



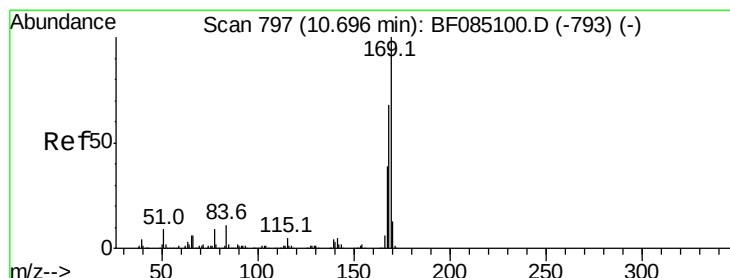
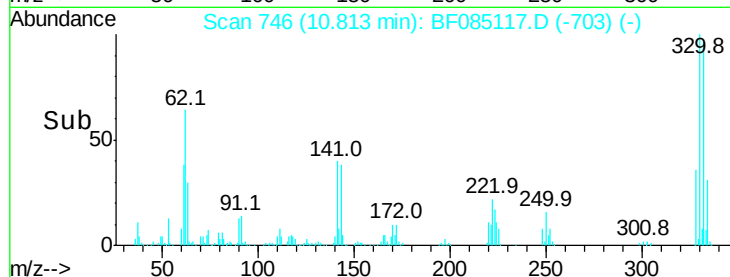
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->



#65

n-Nitrosodiphenylamine

Concen: 0.70 ng

RT: 10.81 min Scan# 746

Delta R.T. 0.12 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

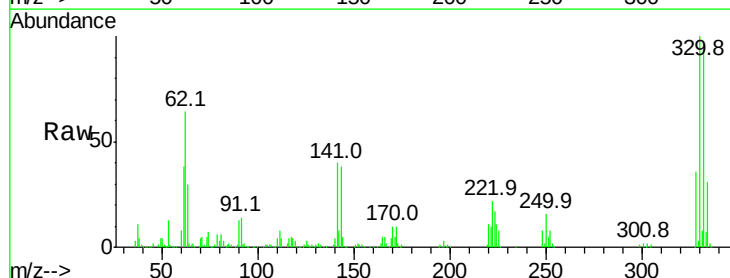
Tgt Ion:169 Resp: 14044

Ion Ratio Lower Upper

169 100

168 8.2 54.6 81.8#

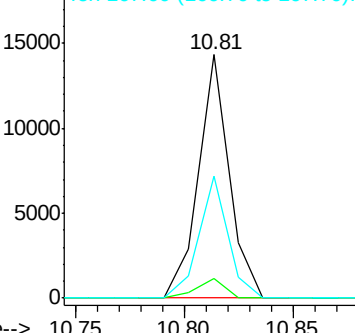
167 50.1 30.8 46.2#



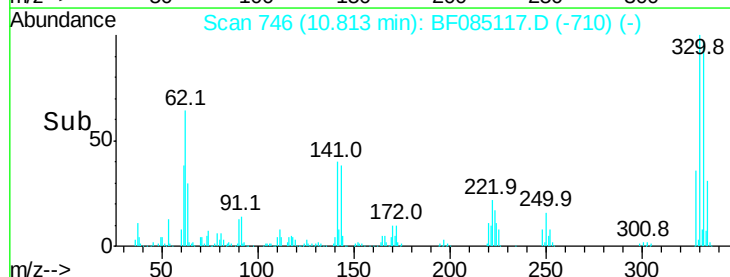
Abundance Ion 169.00 (168.70 to 169.70): E

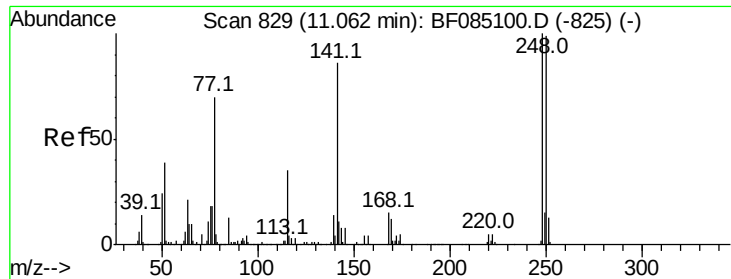
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->





#66

4-Bromophenyl-phenylether

Concen: 4.79 ng

RT: 10.81 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

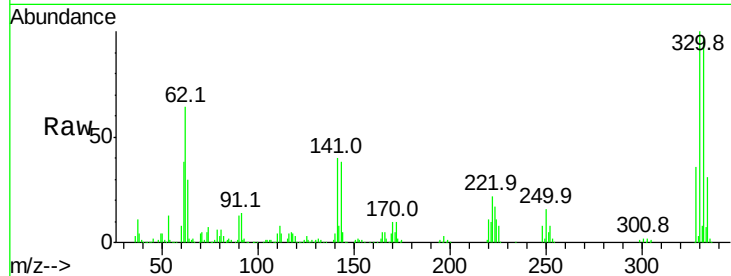
Tot Ion:248 Resp: 31971

Ion Ratio Lower Upper

248 100

250 206.4 79.0 118.4#

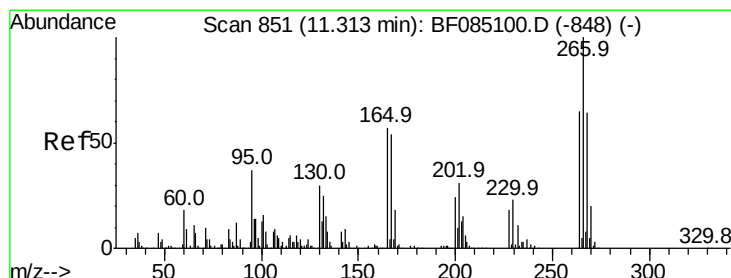
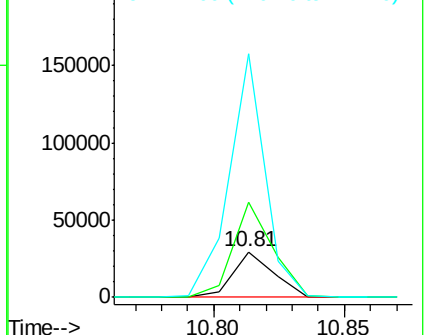
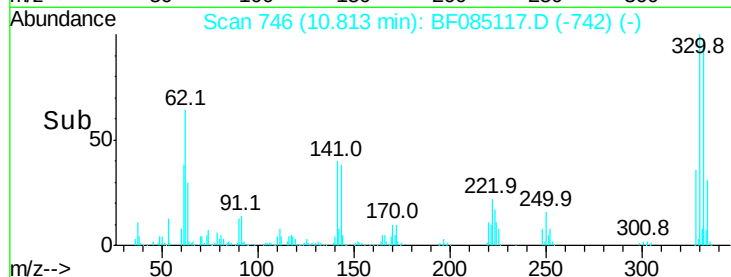
141 530.9 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#69

Pentachlorophenol

Concen: 0.05 ng

RT: 11.32 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

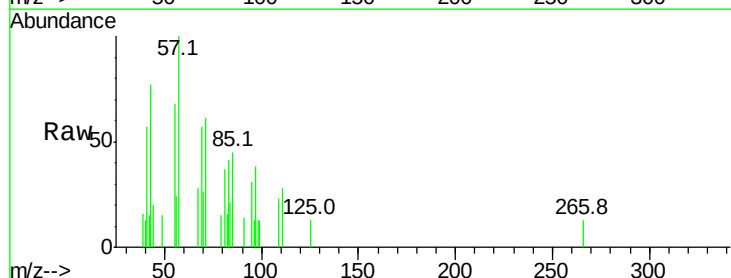
Tgt Ion:266 Resp: 212

Ion Ratio Lower Upper

266 100

268 0.0 51.0 76.6#

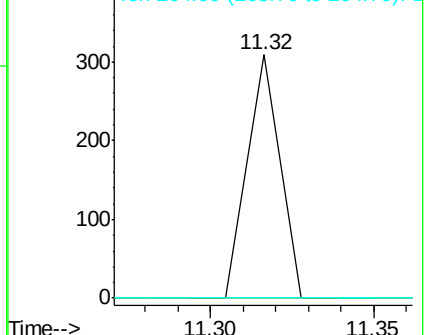
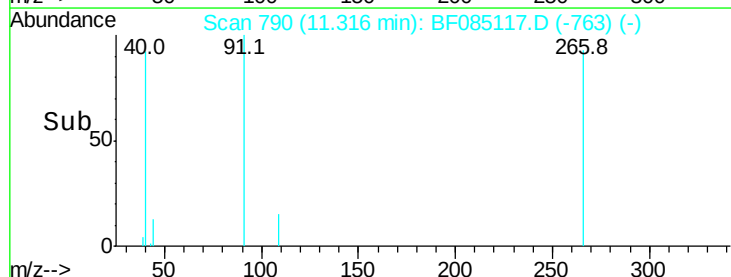
264 0.0 52.3 78.5#

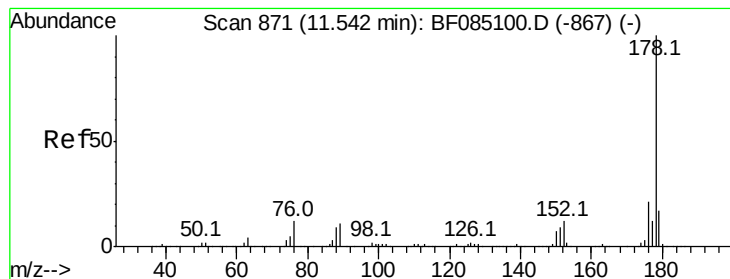


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.08 ng

RT: 11.53 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

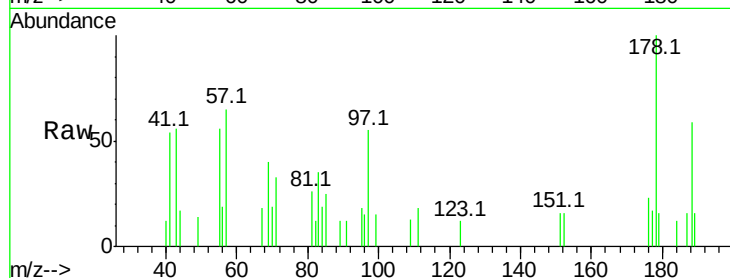
Tot Ion:178 Resp: 2483

Ion Ratio Lower Upper

178 100

176 22.9 17.0 25.6

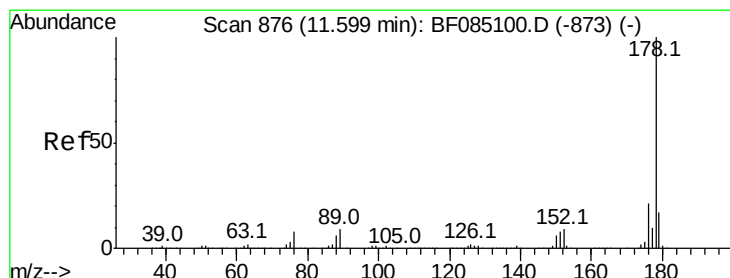
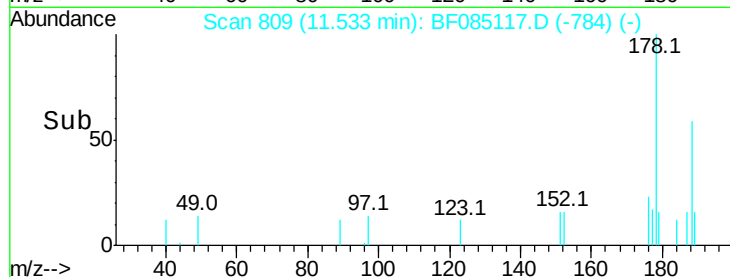
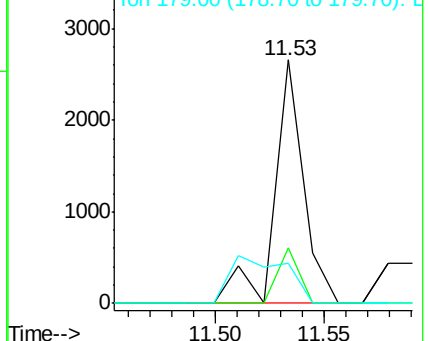
179 16.4 13.3 19.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.07 ng

RT: 11.53 min Scan# 809

Delta R.T. -0.07 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

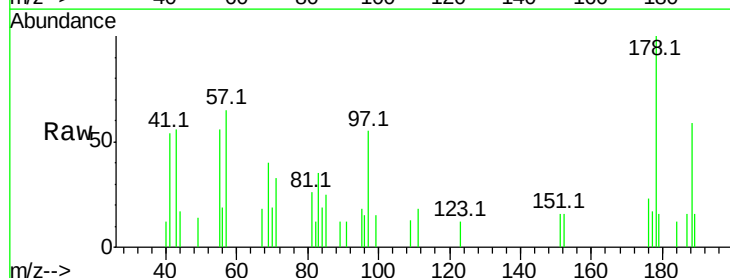
Tgt Ion:178 Resp: 2483

Ion Ratio Lower Upper

178 100

176 22.9 16.6 25.0

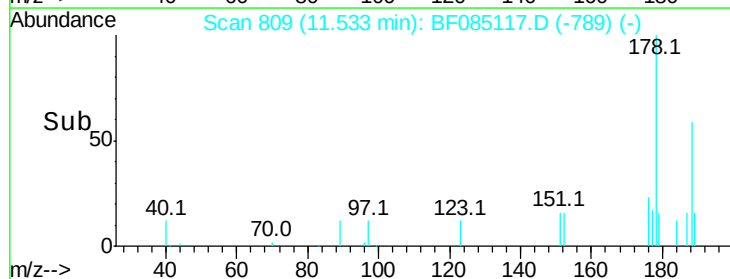
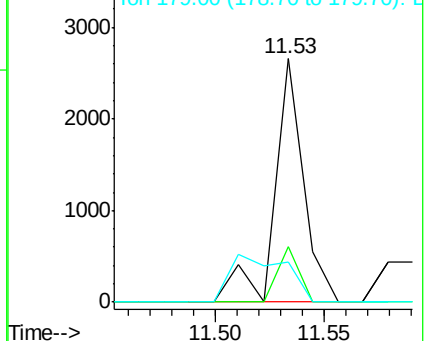
179 16.4 13.2 19.8

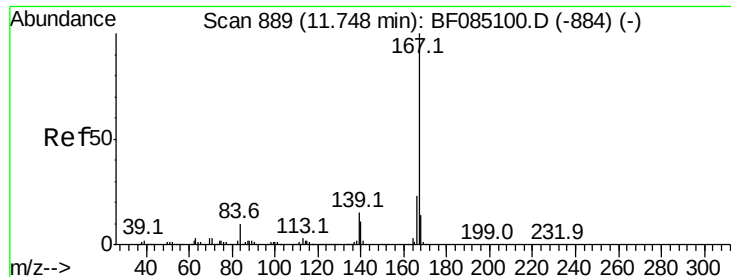


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.01 ng

RT: 11.74 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

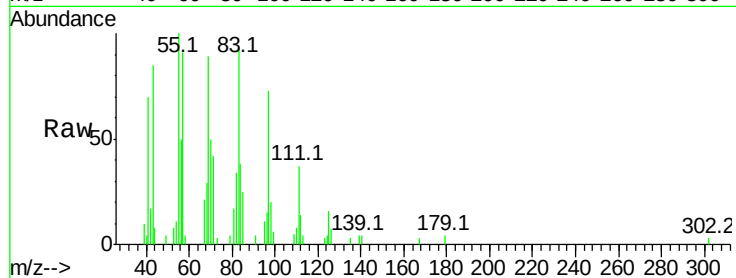
Tot Ion:167 Resp: 224

Ion Ratio Lower Upper

167 100

166 0.0 18.6 28.0#

139 129.1 11.8 17.8#



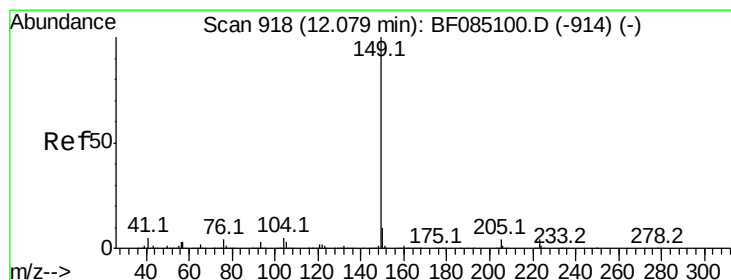
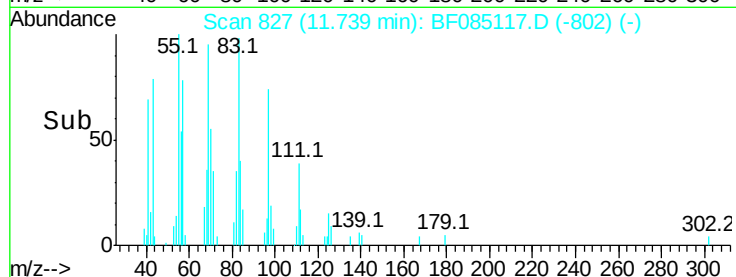
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

11.74

Time--> 11.70 11.75



#73

Di-n-butylphthalate

Concen: 0.08 ng

RT: 12.07 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

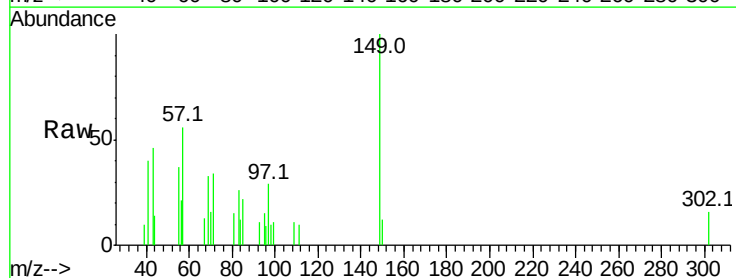
Tgt Ion:149 Resp: 2791

Ion Ratio Lower Upper

149 100

150 12.0 7.7 11.5#

104 0.0 3.7 5.5#



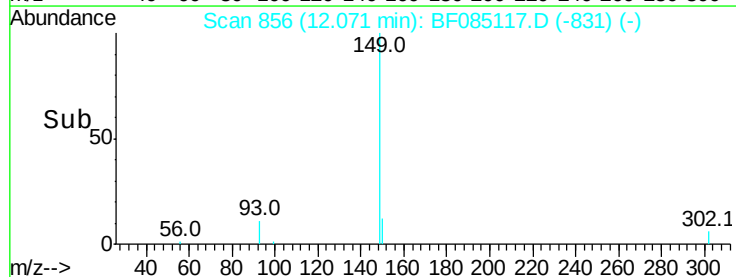
Abundance Ion 149.00 (148.70 to 149.70): E

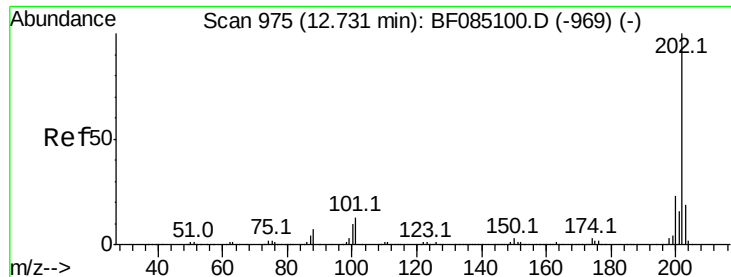
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

12.07

Time--> 12.05 12.10

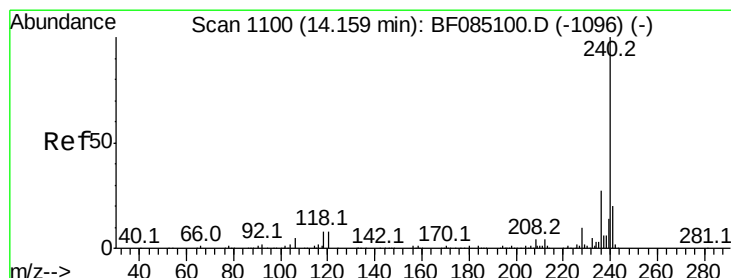
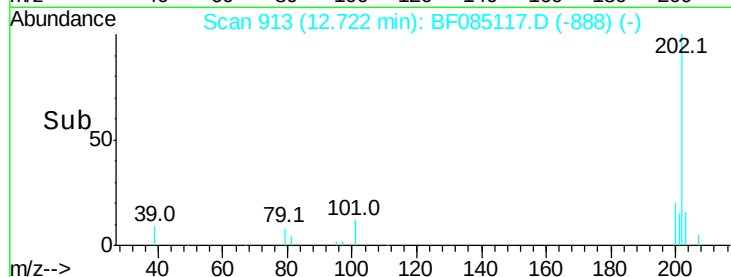
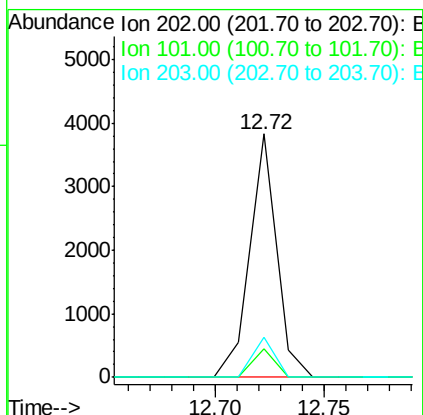
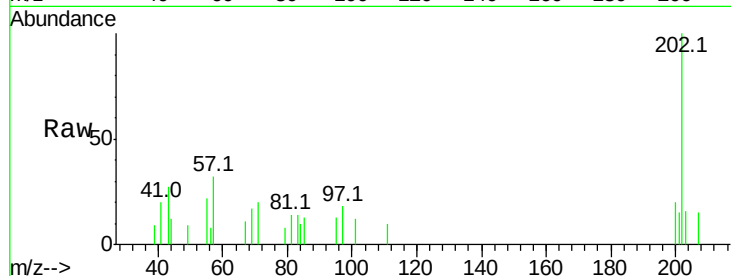




#74
 Fluoranthene
 Concen: 0.09 ng
 RT: 12.72 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF085117.D
 Acq: 2 Mar 2016 14:12

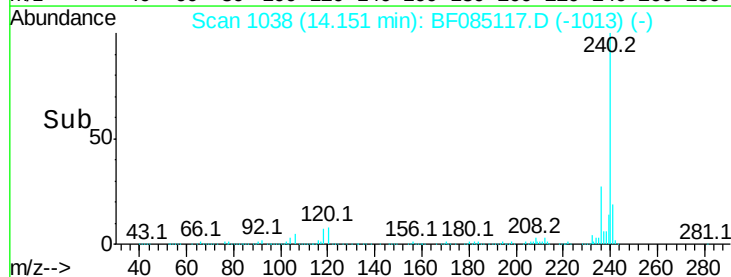
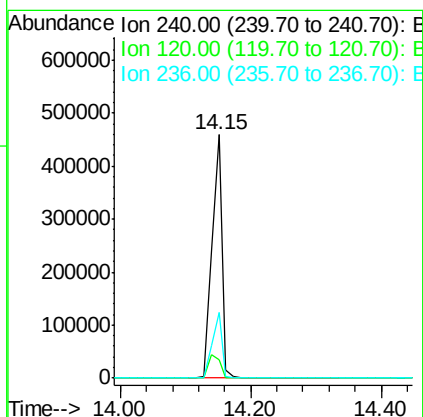
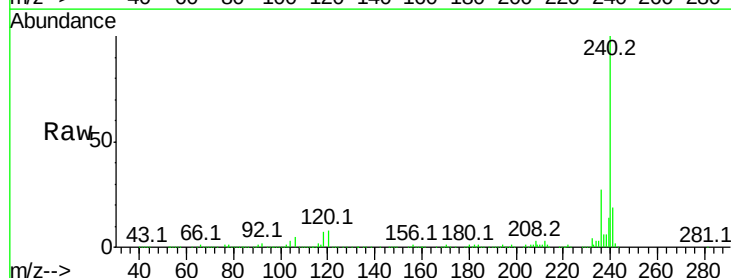
Instrument :
 BNA_F
 ClientSampled :

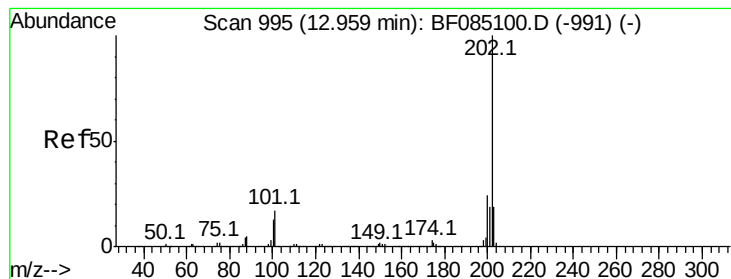
Tot Ion:202 Resp: 3295
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 33.2
 203 16.3 0.0 38.6



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF085117.D
 Acq: 2 Mar 2016 14:12

Tgt Ion:240 Resp: 500022
 Ion Ratio Lower Upper
 240 100
 120 7.5 6.7 10.1
 236 27.1 21.6 32.4





#77

Pvrene

Concen: 0.08 ng

RT: 12.95 min Scan# 933

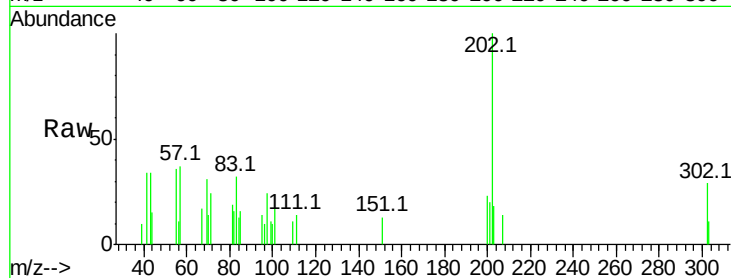
Delta R.T. -0.01 min

Lab File: BF085117.D

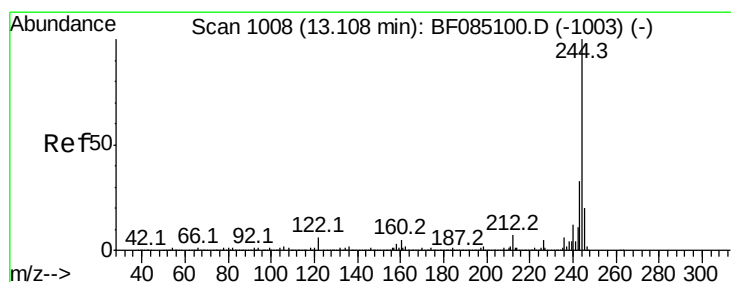
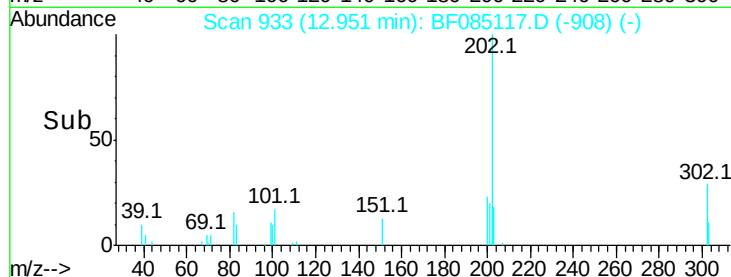
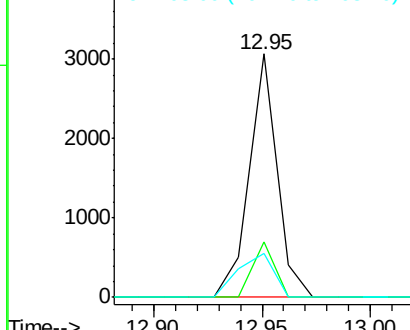
Acq: 2 Mar 2016 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	202	Resp:	2735
Ion	Ratio	Lower	Upper
202	100		
200	22.8	19.0	28.6
203	18.0	15.0	22.6



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



#78

Terphenyl-d14

Concen: 86.88 ng

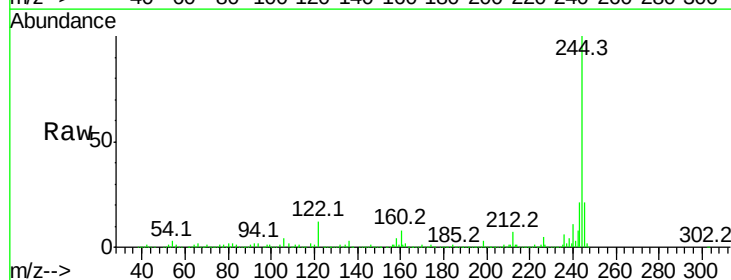
RT: 13.10 min Scan# 946

Delta R.T. -0.01 min

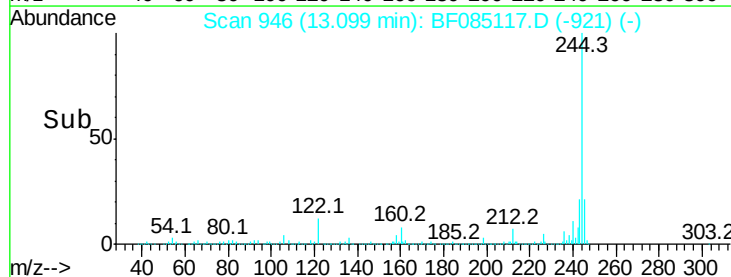
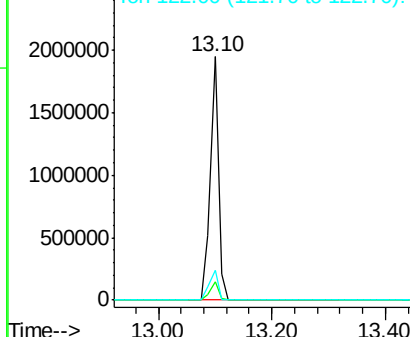
Lab File: BF085117.D

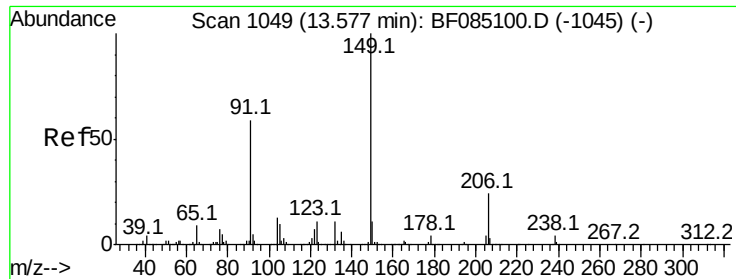
Acq: 2 Mar 2016 14:12

Tgt Ion:	244	Resp:	1851817
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	12.1	5.1	7.7#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

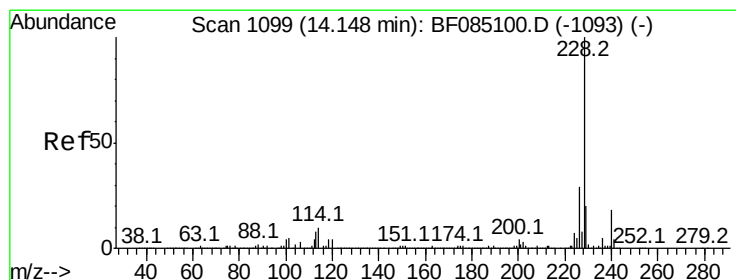
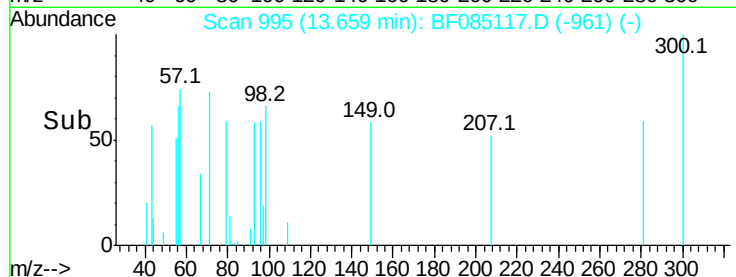
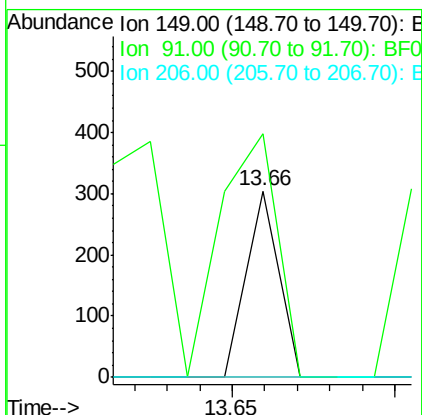
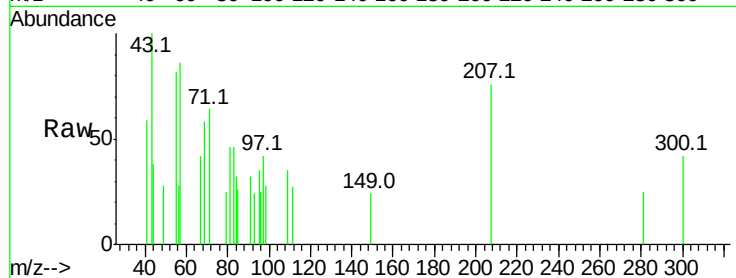




#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 13.66 min Scan# 995
Delta R.T. 0.08 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

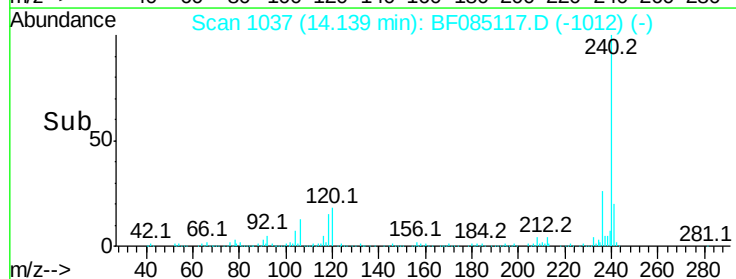
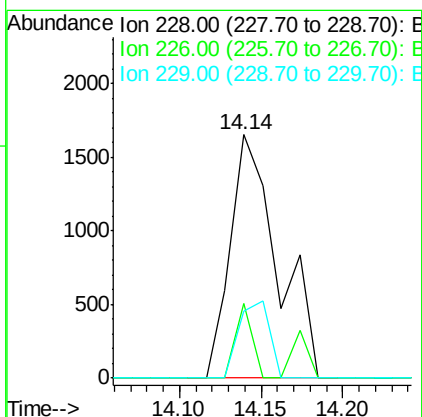
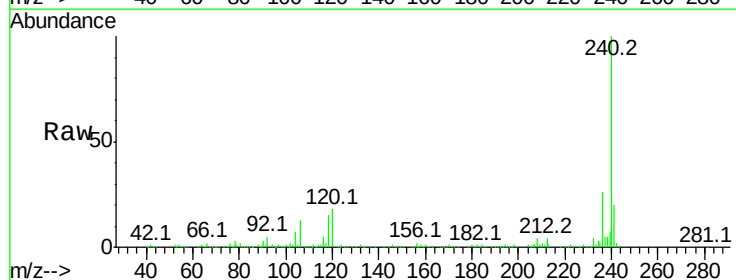
Instrument :
BNA_F
ClientSampled :

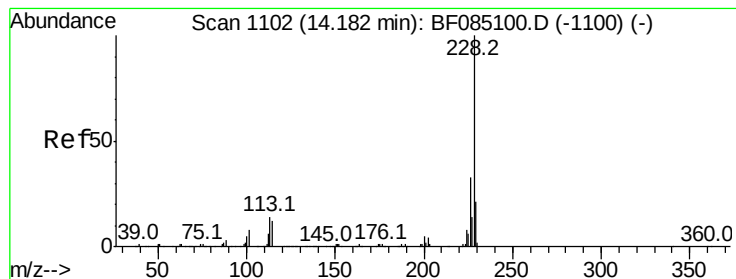
Tot Ion:149 Resp: 209
Ion Ratio Lower Upper
149 100
91 130.9 46.9 70.3#
206 0.0 19.0 28.6#



#80
Benzo(a)anthracene
Concen: 0.11 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085117.D
Acq: 2 Mar 2016 14:12

Tgt Ion:228 Resp: 3335
Ion Ratio Lower Upper
228 100
226 30.4 23.0 34.4
229 27.4 16.1 24.1#





#82

Chrysene

Concen: 0.13 ng

RT: 14.14 min Scan# 1037

Delta R.T. -0.04 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

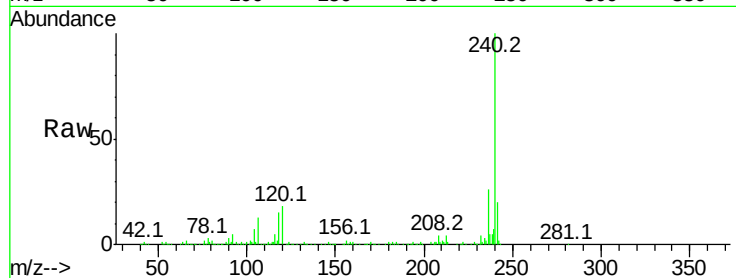
Tot Ion:228 Resp: 3335

Ion Ratio Lower Upper

228 100

226 30.4 26.2 39.4

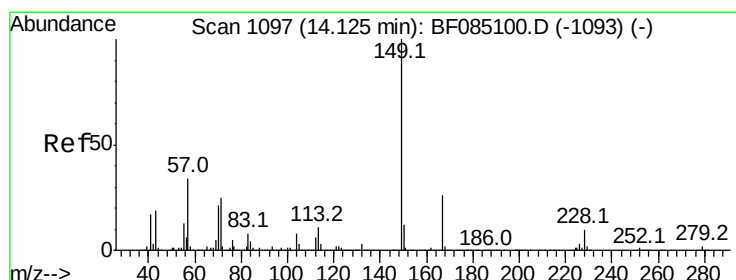
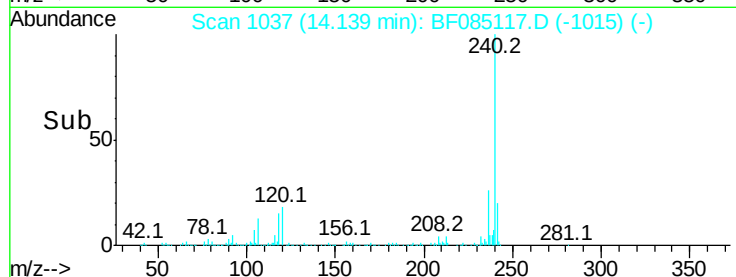
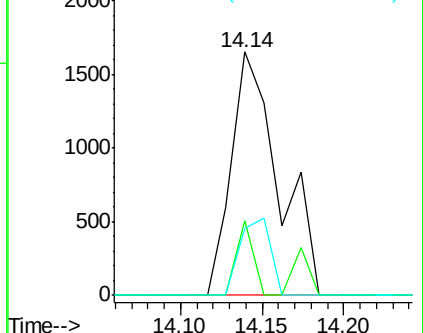
229 27.4 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.49 ng

RT: 14.13 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

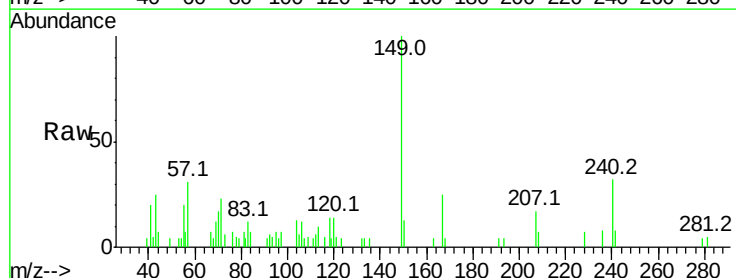
Tgt Ion:149 Resp: 8130

Ion Ratio Lower Upper

149 100

167 25.2 20.6 31.0

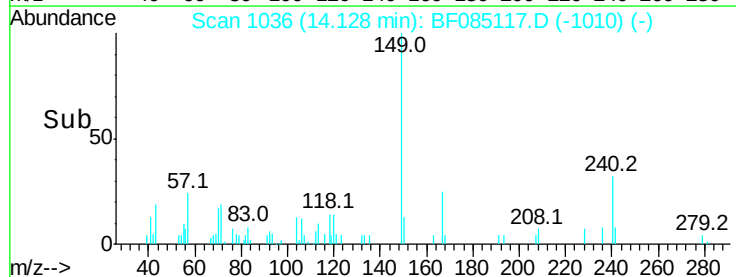
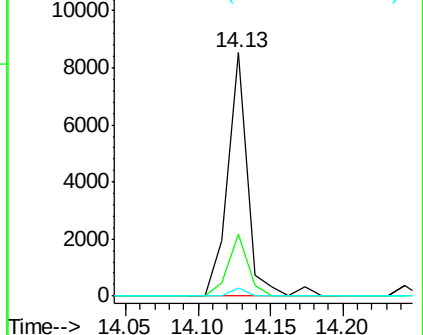
279 3.6 2.0 3.0#

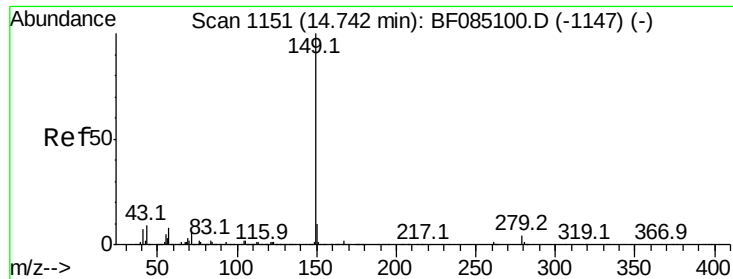


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.36 ng

RT: 14.64 min Scan# 1081

Delta R.T. -0.10 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

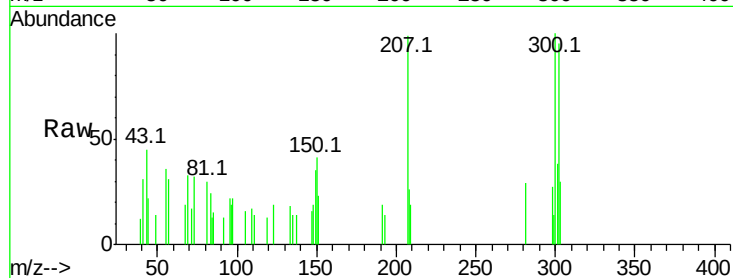
Tot Ion:149 Resp: 8952

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

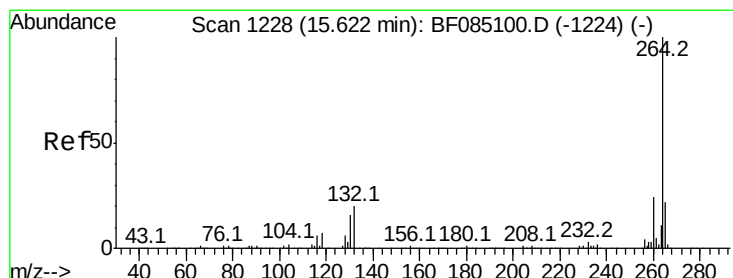
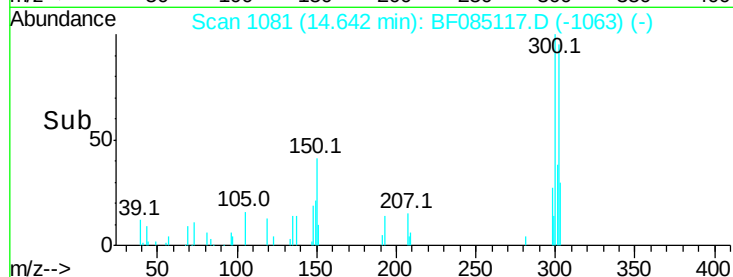
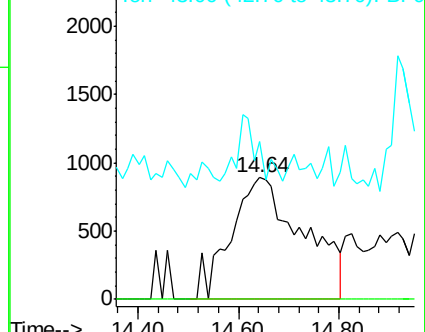
43 0.0 8.8 13.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

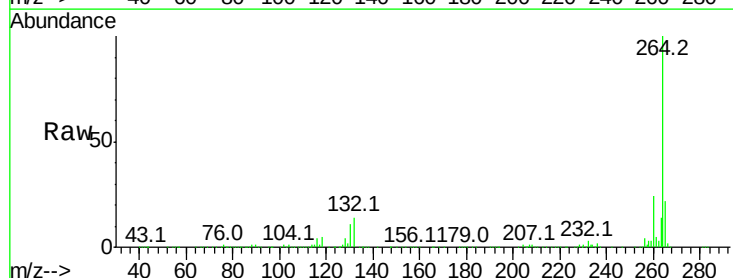
Tgt Ion:264 Resp: 389003

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

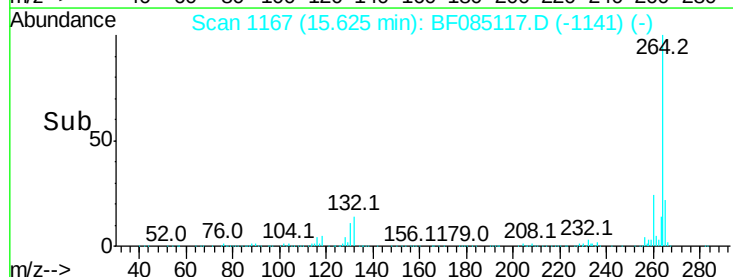
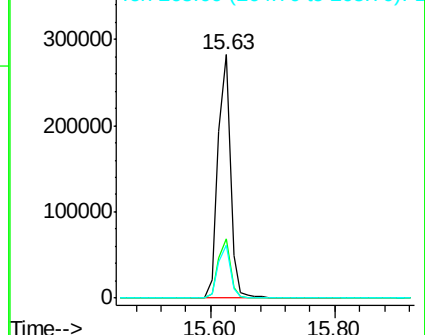
265 21.6 17.4 26.2

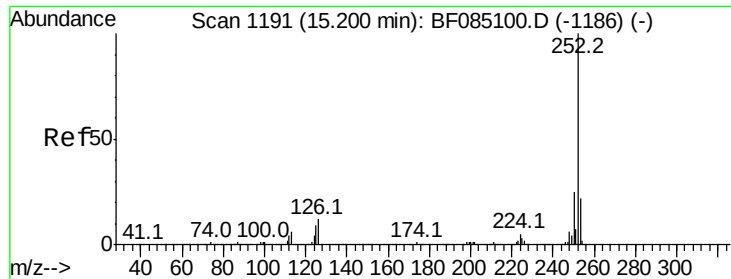


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.06 ng

RT: 15.19 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

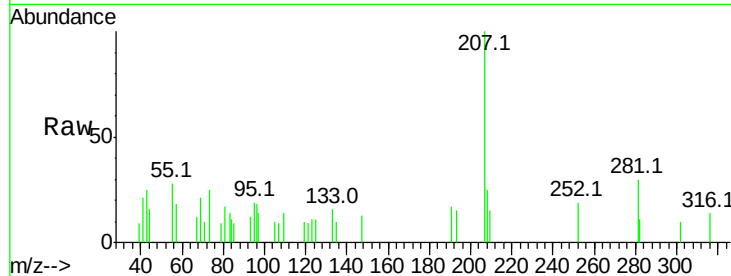
Tot Ion:252 Resp: 1431

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

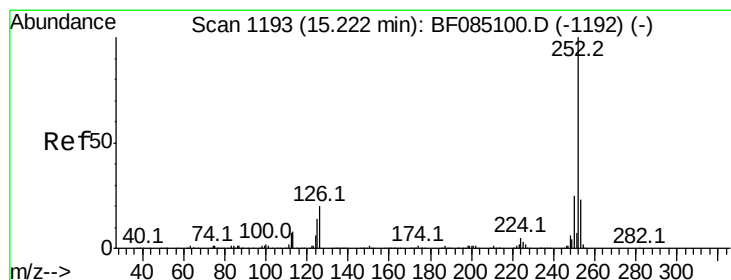
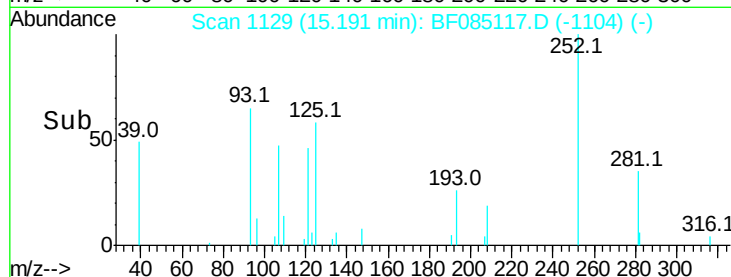
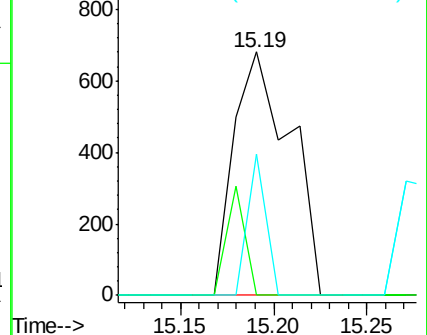
125 58.1 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.07 ng

RT: 15.19 min Scan# 1129

Delta R.T. -0.03 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

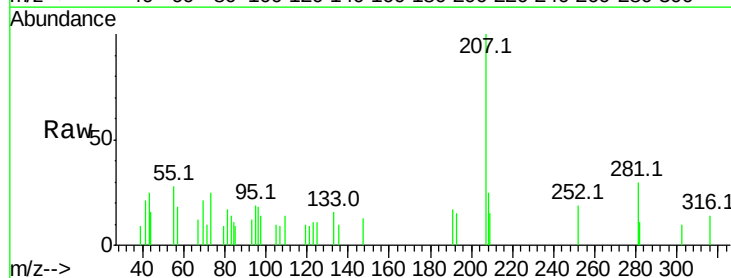
Tgt Ion:252 Resp: 1431

Ion Ratio Lower Upper

252 100

253 0.0 18.2 27.4#

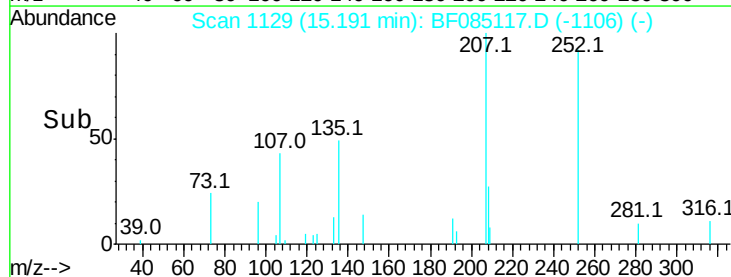
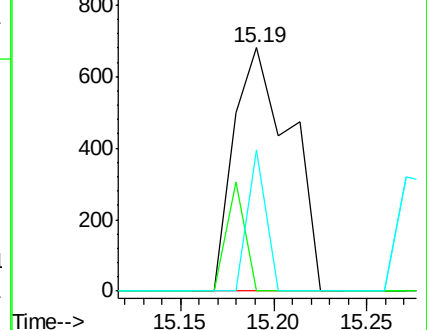
125 58.1 11.1 16.7#

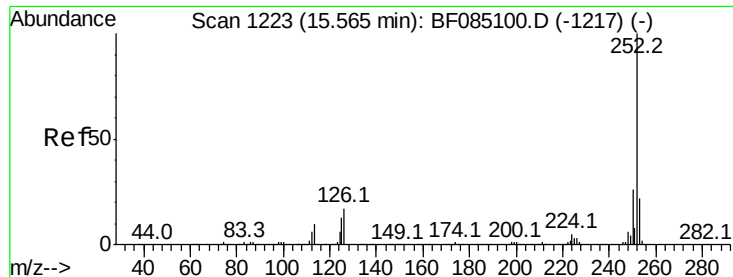


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.03 ng

RT: 15.56 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF085117.D

Acq: 2 Mar 2016 14:12

Instrument :

BNA_F

ClientSampleId :

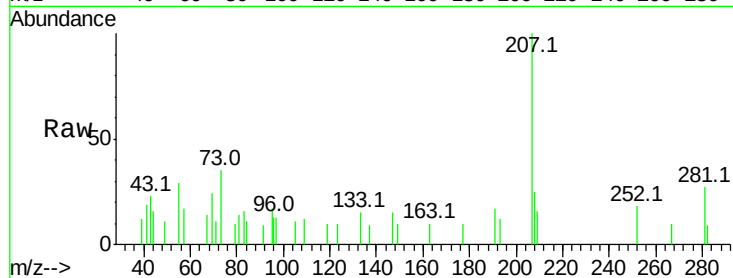
Tot Ion:252 Resp: 693

Ion Ratio Lower Upper

252 100

253 0.0 18.0 27.0#

125 0.0 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

