

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032416\
 Data File : BF085751.D
 Acq On : 25 Mar 2016 9:25
 Operator : UM/SJ
 Sample : H1739-03DL 5X
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 25 14:10:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 14:15:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131022	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	474438	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	216339	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	312089	20.00	ng	0.00
75) Chrysene-d12	13.98	240	252601	20.00	ng	0.00
86) Perylene-d12	15.40	264	251142	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	186760	23.74	ng	0.01
7) Phenol-d6	6.46	99	248360	24.83	ng	0.00
23) Nitrobenzene-d5	7.38	82	147628	17.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	34389	16.73	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	270535	20.89	ng	0.00
78) Terphenyl-d14	12.93	244	177139	14.42	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.05	42	75583	20.96	ng	94
6) Aniline	6.56	93	163985	12.18	ng	# 57
11) bis(2-Chloroethyl)ether	6.56	93	163985	18.80	ng	91
12) 1,3-Dichlorobenzene	6.77	146	262274	26.65	ng	98
13) 1,4-Dichlorobenzene	6.77	146	262274	26.27	ng	93
14) 1,2-Dichlorobenzene	6.77	146	262274	28.19	ng	97
18) Hexachloroethane	7.34	117	63337	17.33	ng	100
24) Nitrobenzene	7.41	77	132583	15.27	ng	94
25) Isophorone	7.65	82	459040	28.28	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	56560	7.98	ng	91
31) Naphthalene	8.13	128	110988	4.64	ng	99
37) 2-Methylnaphthalene	8.82	142	193978	11.12	ng	98
46) 2-Chloronaphthalene	9.32	162	399397	29.75	ng	97
48) Acenaphthylene	9.90	152	146324	6.69	ng	# 1
49) Dimethylphthalate	9.59	163	487140	29.68	ng	98
50) 2,6-Dinitrotoluene	9.65	165	66936	18.95	ng	86
51) Acenaphthene	9.90	154	266612	19.96	ng	99
56) 2,4-Dinitrotoluene	10.06	165	31314	6.97	ng	93
57) Fluorene	10.41	166	300986	20.94	ng	99
59) Diethylphthalate	10.28	149	255203	15.74	ng	95
60) 4-Chlorophenyl-phenylether	10.40	204	144754	20.60	ng	98
62) Azobenzene	10.40	77	74062	4.75	ng	# 46
66) 4-Bromophenyl-phenylether	10.89	248	13251	4.15	ng	95
67) Hexachlorobenzene	10.96	284	31969	9.57	ng	93
70) Phenanthrene	11.37	178	533789	33.31	ng	99
71) Anthracene	11.42	178	120637	7.17	ng	98
73) Di-n-butylphthalate	11.91	149	368670	19.02	ng	99
74) Fluoranthene	12.55	202	231772	13.61	ng	98
77) Pyrene	12.55	202	231772	11.16	ng	99
79) Butylbenzylphthalate	13.40	149	86155	9.91	ng	# 66
83) Bis(2-ethylhexyl)phthalate	13.96	149	348342	33.46	ng	99
84) Di-n-octyl phthalate	14.57	149	586362	37.87	ng	99
85) Indeno(1,2,3-cd)pyrene	16.78	276	90331	8.06	ng	# 91
87) Benzo(b)fluoranthene	15.00	252	353009	22.31	ng	# 95

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Misc :
ALS Vial : 99 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 25 14:10:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 14:15:39 2016
Response via : Initial Calibration

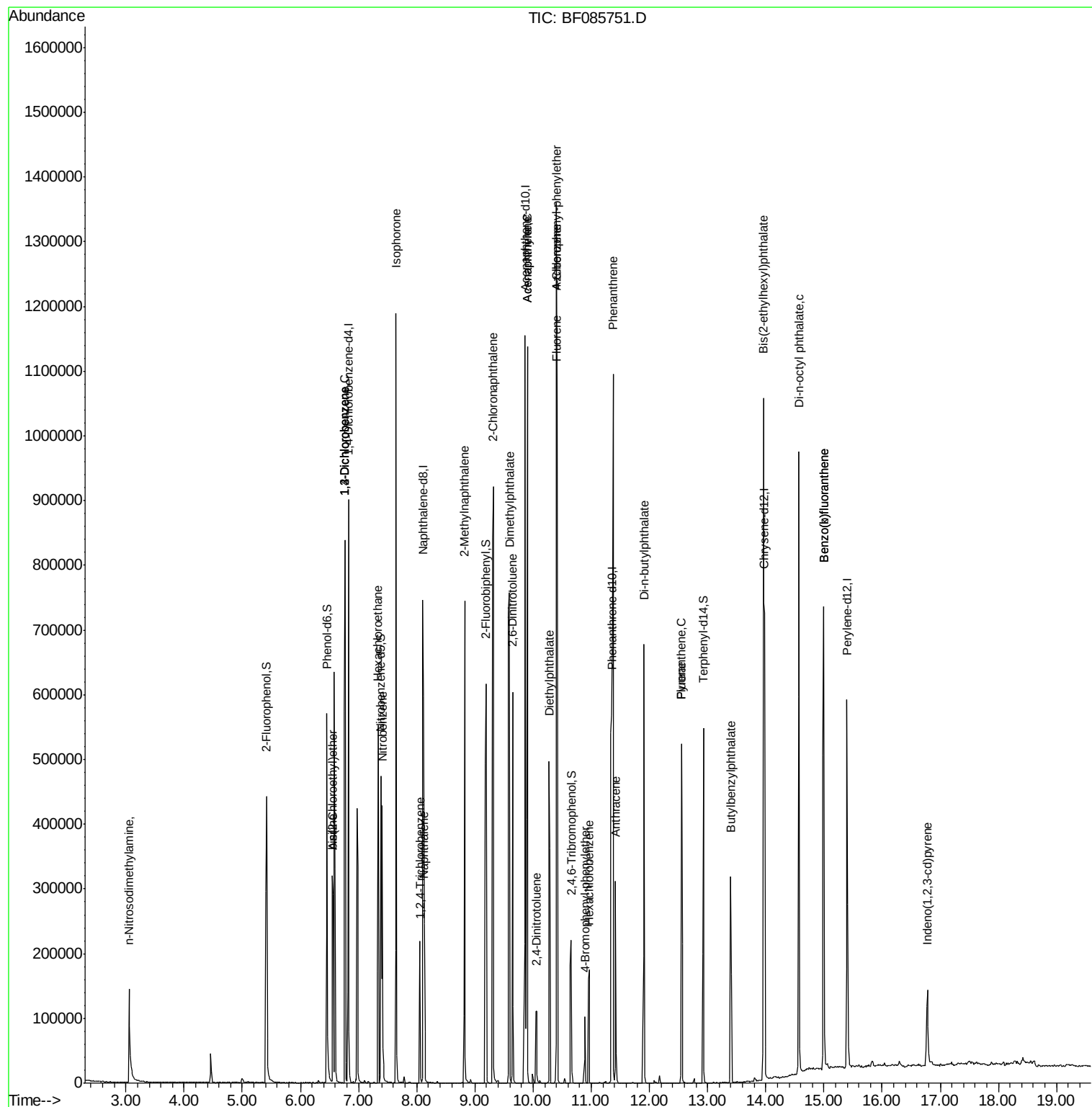
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) Benzo(k)fluoranthene	15.00	252	353009	24.75	nq	98

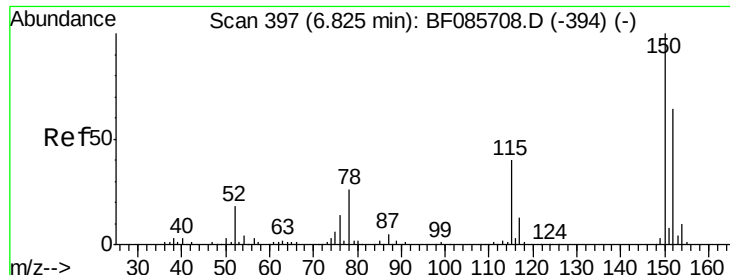
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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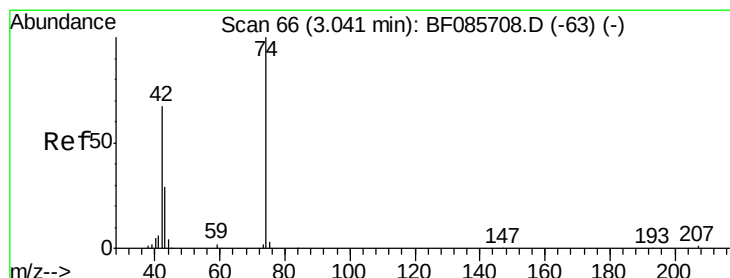
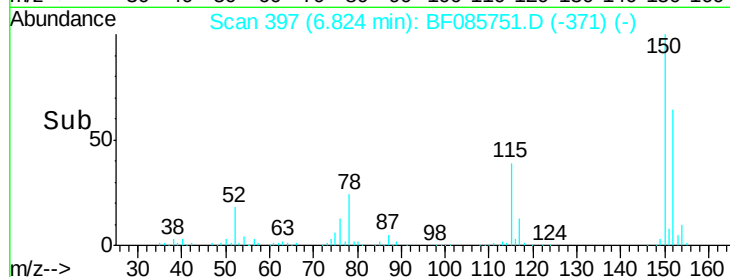
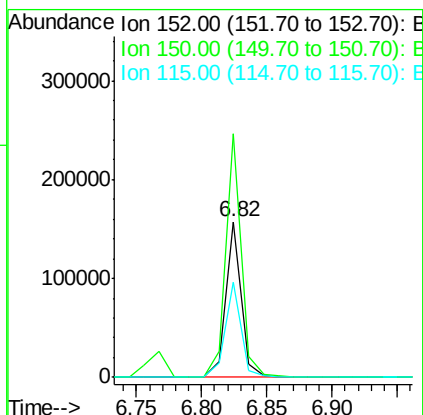
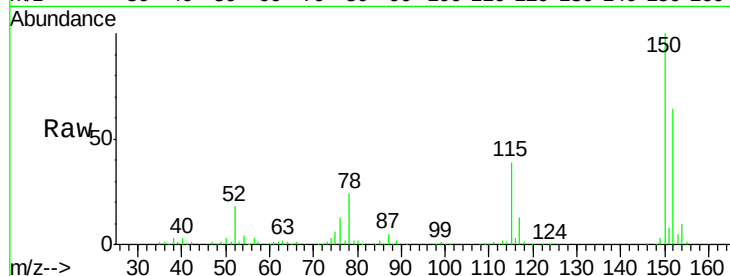


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :

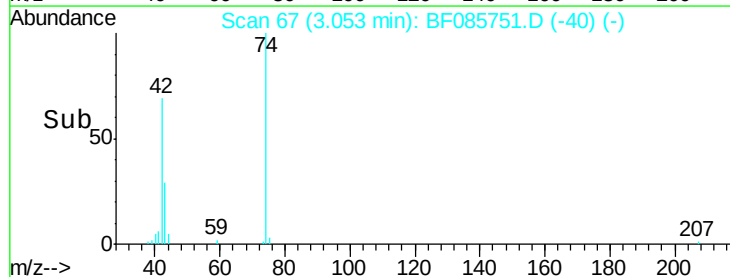
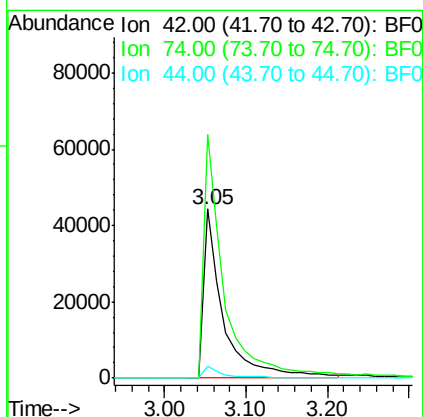
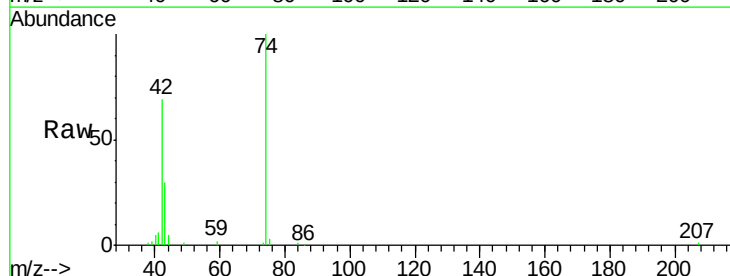
Tot Ion:152 Resp: 131022
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 61.3 47.0 70.6

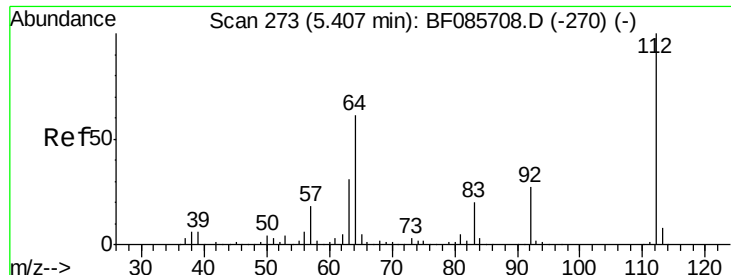


#4

n-Nitrosodimethylamine
Concen: 20.96 ng
RT: 3.05 min Scan# 67
Delta R.T. 0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion: 42 Resp: 75583
Ion Ratio Lower Upper
42 100
74 144.2 121.4 182.2
44 7.4 5.6 8.4





#5

2-Fluorophenol

Concen: 23.74 ng

RT: 5.42 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampled :

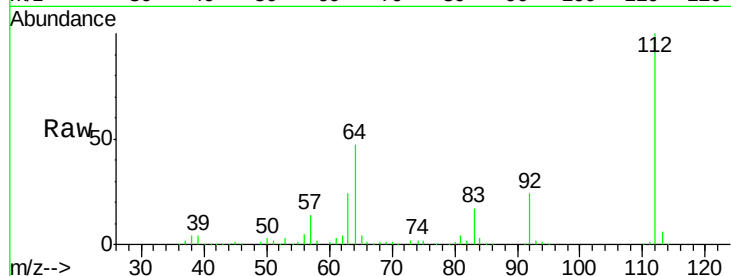
Tot Ion:112 Resp: 186760

Ion Ratio Lower Upper

112 100

64 47.1 39.9 59.9

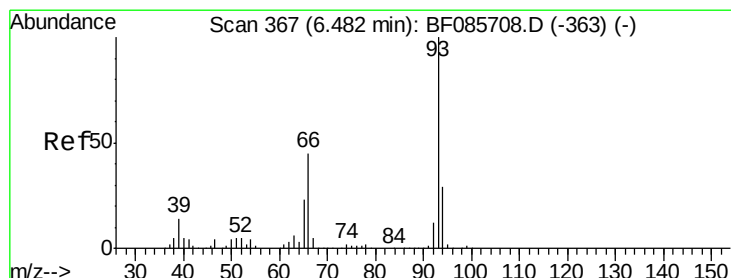
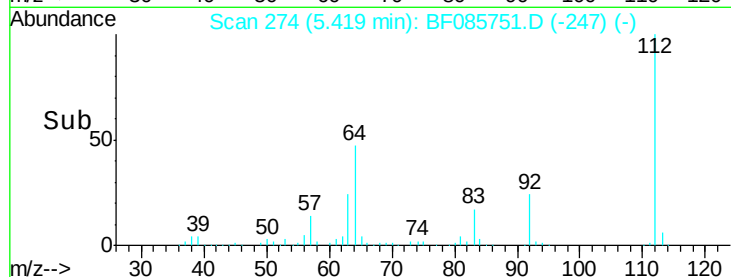
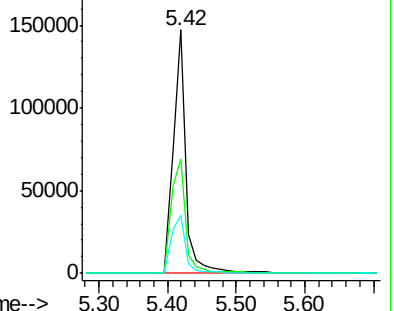
63 24.1 20.2 30.2



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: 12.18 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.08 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

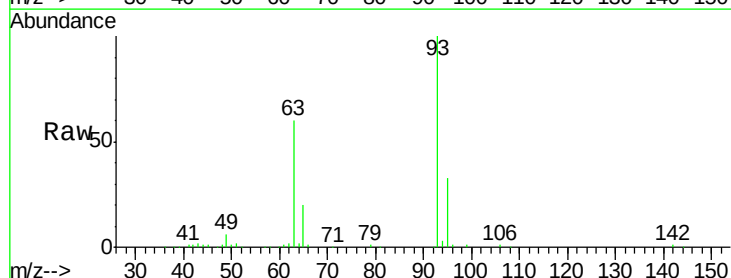
Tgt Ion: 93 Resp: 163985

Ion Ratio Lower Upper

93 100

66 0.5 31.4 47.2#

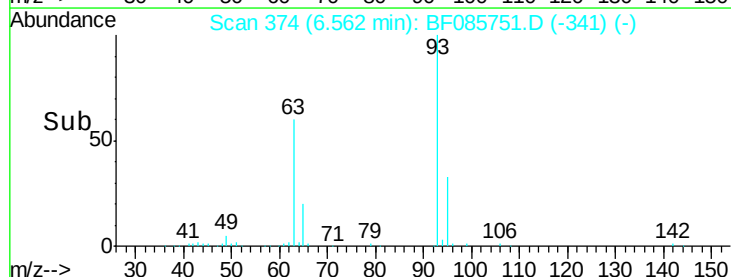
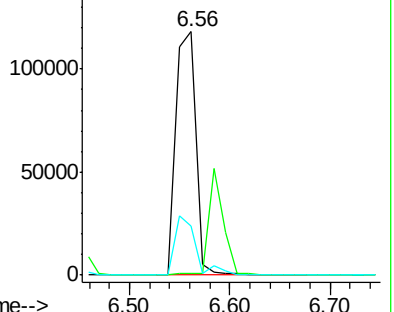
65 20.3 15.7 23.5

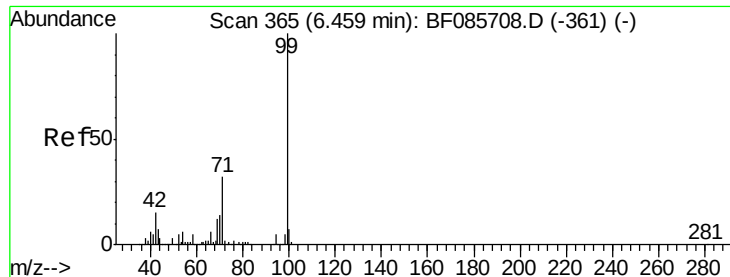


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 24.83 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

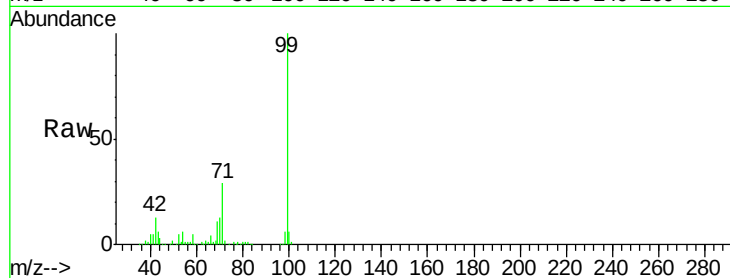
Tot Ion: 99 Resp: 248360

Ion Ratio Lower Upper

99 100

42 13.2 11.1 16.7

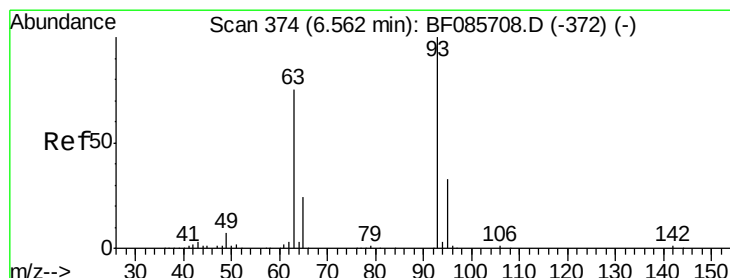
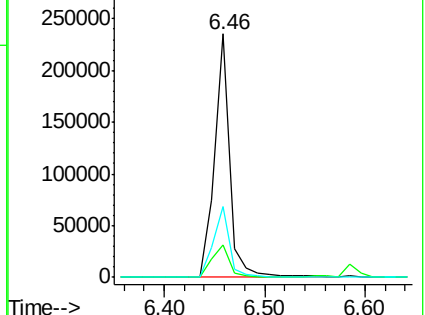
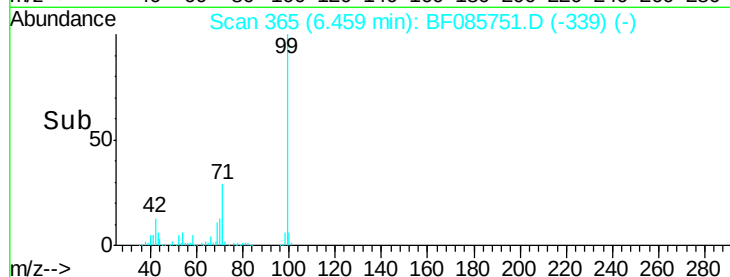
71 29.2 24.9 37.3



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



#11

bis(2-Chloroethyl)ether

Concen: 18.80 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

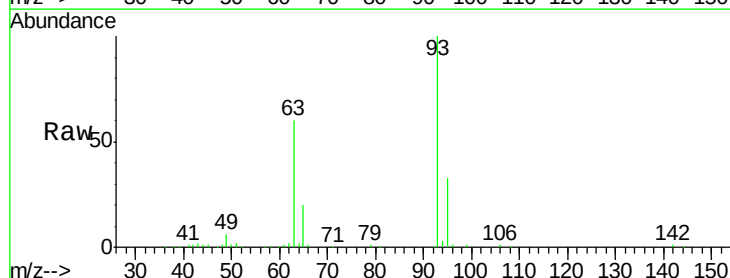
Tgt Ion: 93 Resp: 163985

Ion Ratio Lower Upper

93 100

63 60.3 50.9 90.9

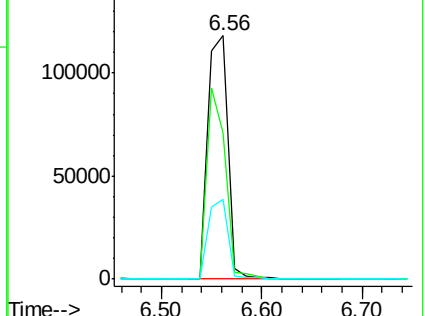
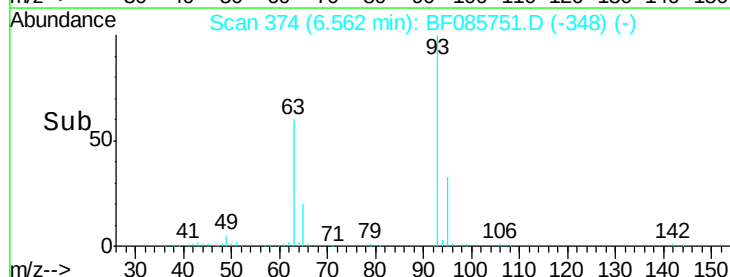
95 32.8 13.3 53.3

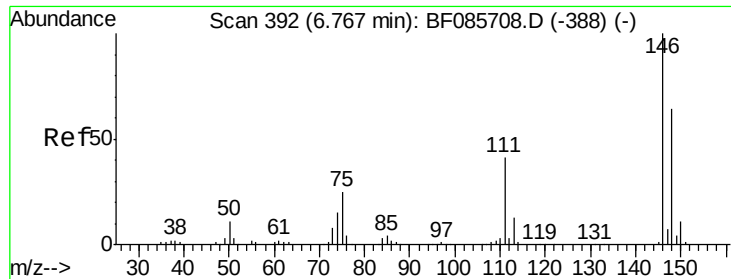


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

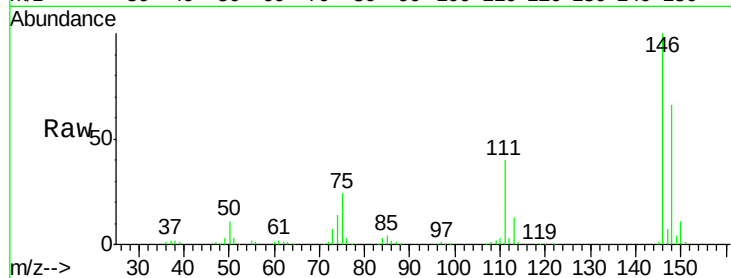




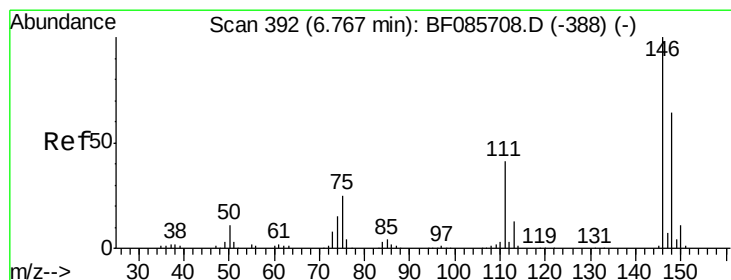
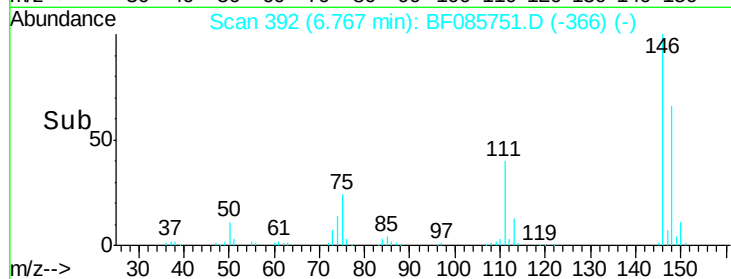
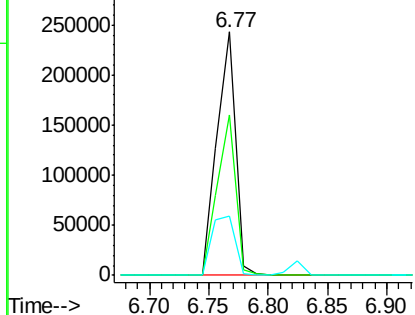
#12
 1,3-Dichlorobenzene
 Concen: 26.65 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.3	78.5
75	24.2	17.4	26.2

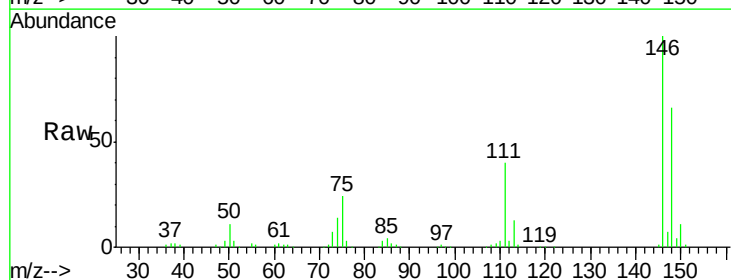


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

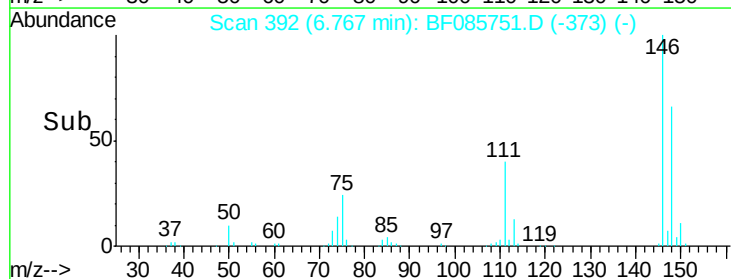
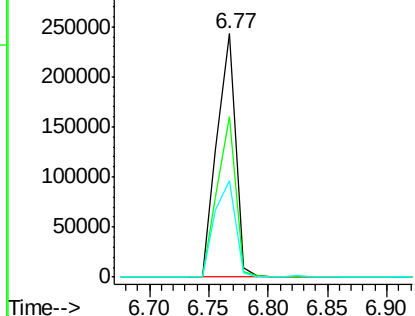


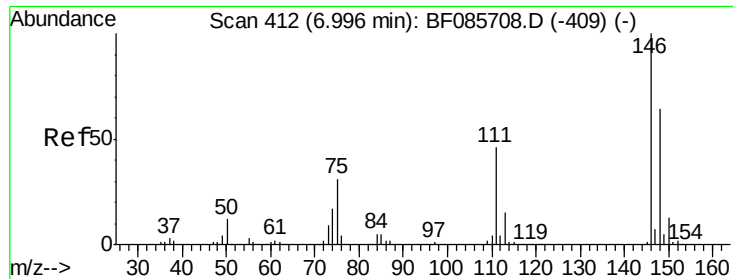
#13
 1,4-Dichlorobenzene
 Concen: 26.27 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.08 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.6	76.0
111	39.6	37.8	56.6



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

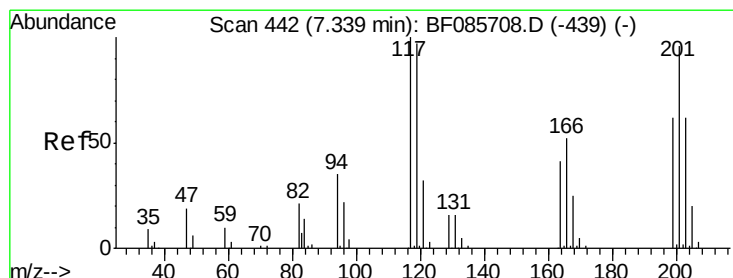
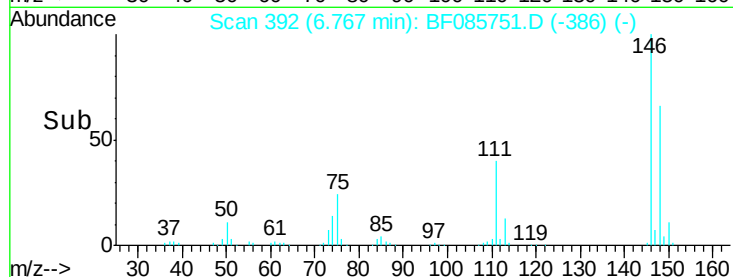
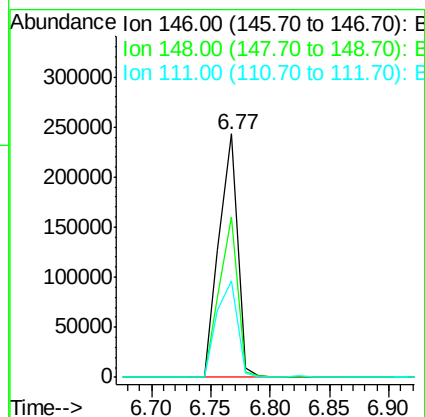
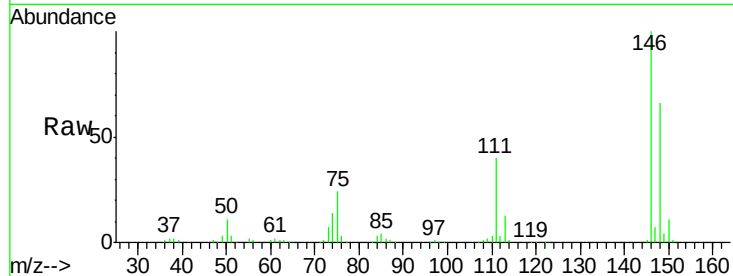




#14
 1,2-Dichlorobenzene
 Concen: 28.19 ng
 RT: 6.77 min Scan# 392
 Delta R.T. -0.23 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

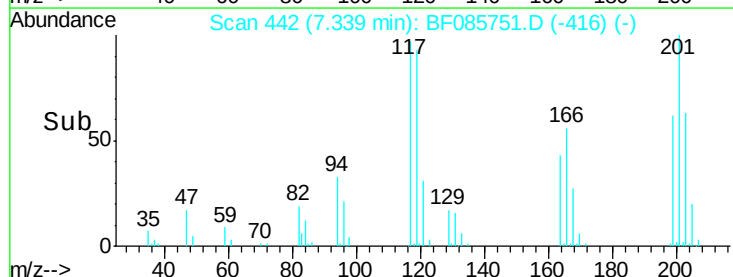
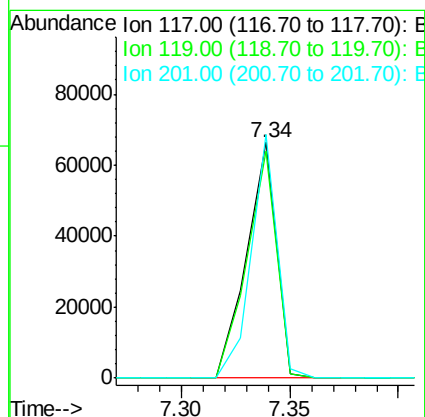
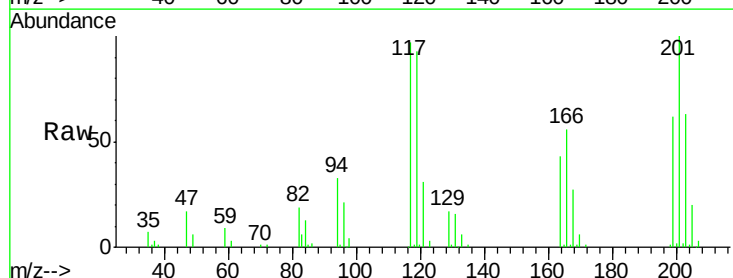
Instrument :
 BNA_F
 ClientSampled :

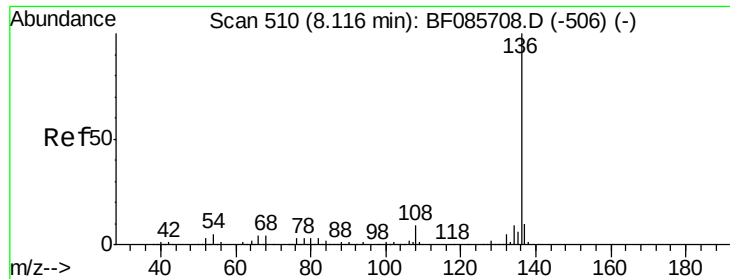
Tot Ion:146 Resp: 262274
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.4 77.2
 111 39.6 34.6 52.0



#18
 Hexachloroethane
 Concen: 17.33 ng
 RT: 7.34 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Tgt Ion:117 Resp: 63337
 Ion Ratio Lower Upper
 117 100
 119 96.1 76.7 115.1
 201 103.3 83.3 124.9

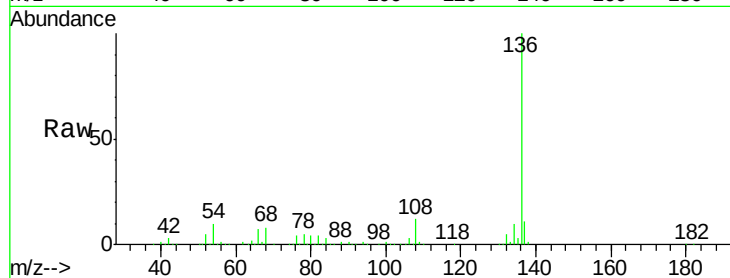




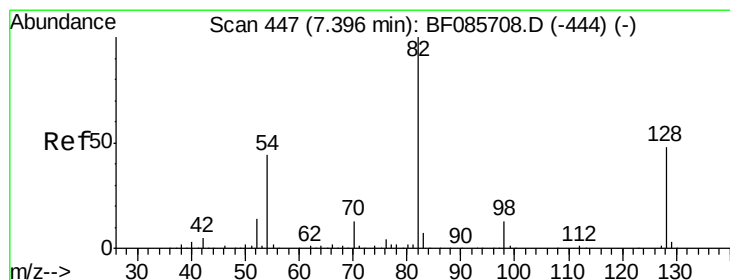
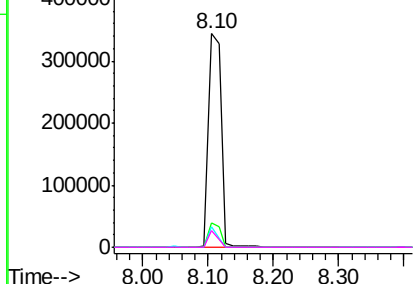
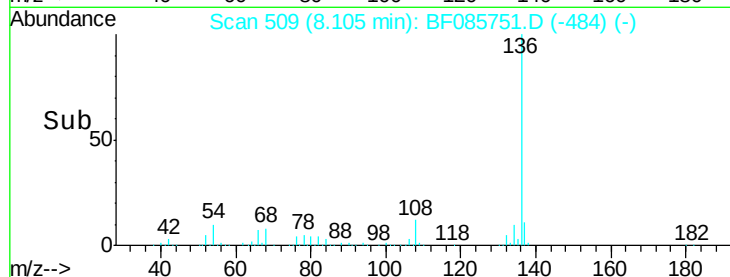
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	474438
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.1 13.7
54	9.7	7.4 11.0
68	7.6	5.8 8.8

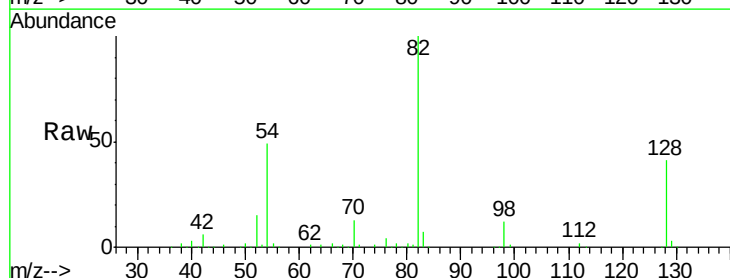


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

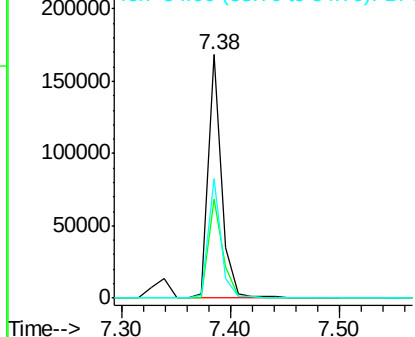
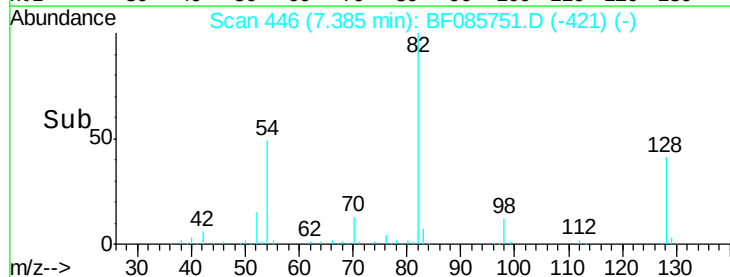


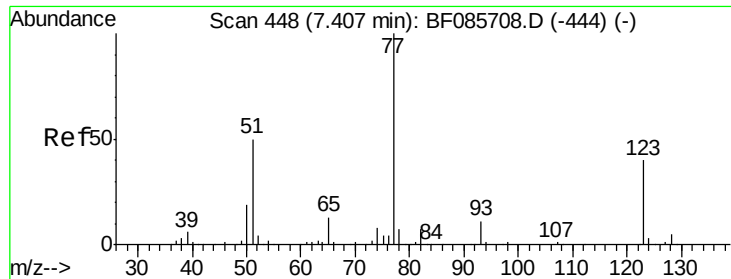
#23
Nitrobenzene-d5
Concen: 17.52 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion: 82	Resp:	147628
Ion Ratio	Lower	Upper
82	100	
128	40.8	41.8 62.8#
54	48.8	33.4 50.0



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





#24

Nitrobenzene

Concen: 15.27 ng

RT: 7.41 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

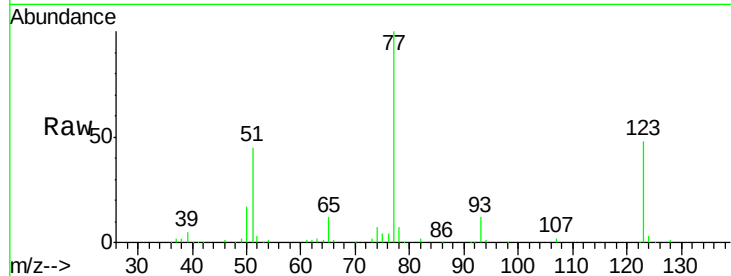
Tot Ion: 77 Resp: 132583

Ion Ratio Lower Upper

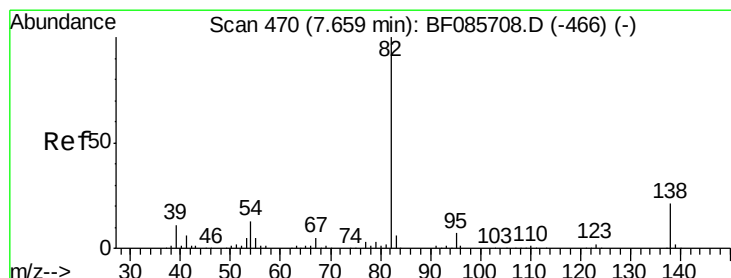
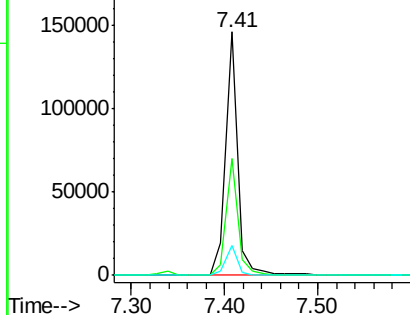
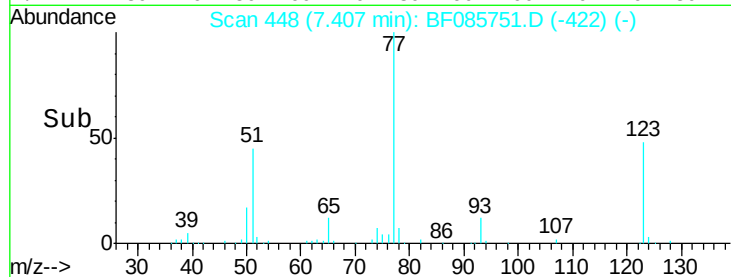
77 100

123 48.1 35.0 52.4

65 12.1 10.6 16.0



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



#25

Isophorone

Concen: 28.28 ng

RT: 7.65 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

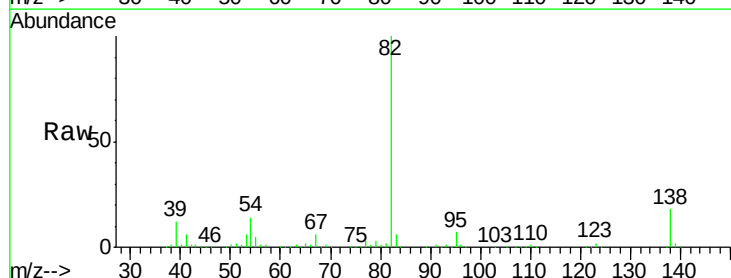
Tgt Ion: 82 Resp: 459040

Ion Ratio Lower Upper

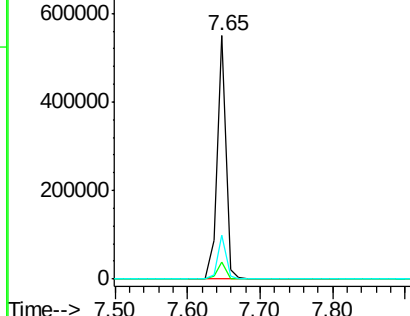
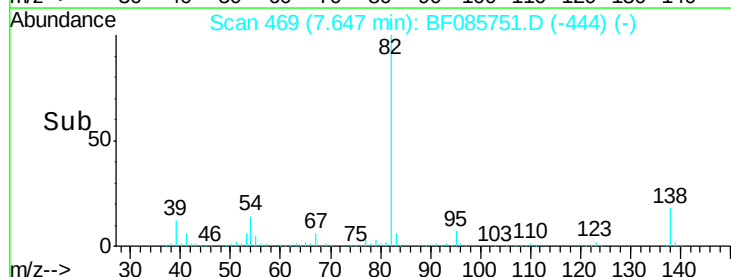
82 100

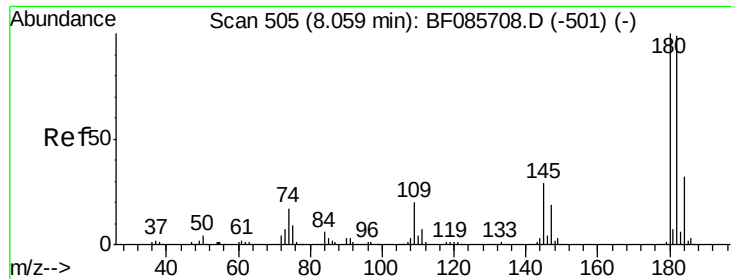
95 7.1 5.4 8.2

138 18.3 12.9 19.3



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

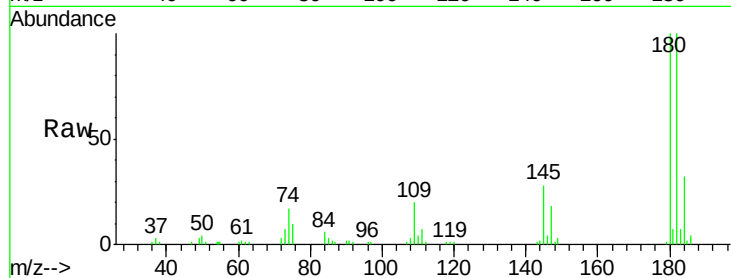




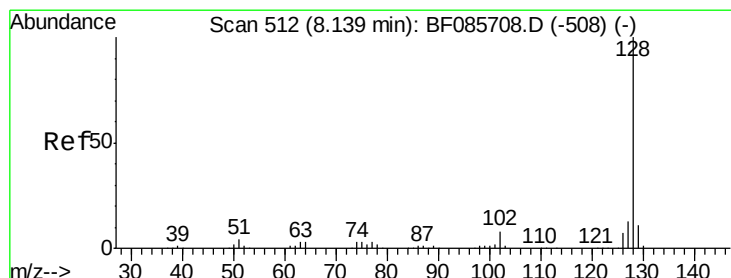
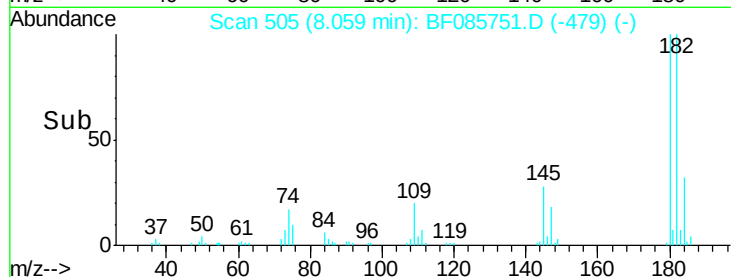
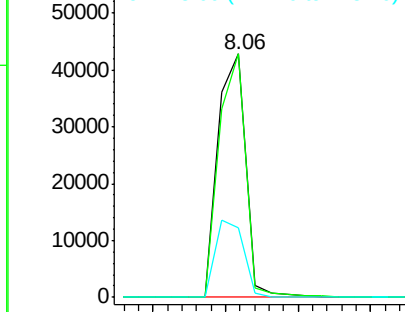
#30
 1,2,4-Trichlorobenzene
 Concen: 7.98 ng
 RT: 8.06 min Scan# 505
 Delta R.T. -0.00 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:180 Resp: 56560
 Ion Ratio Lower Upper
 180 100
 182 100.0 73.8 110.8
 145 28.5 28.4 42.6

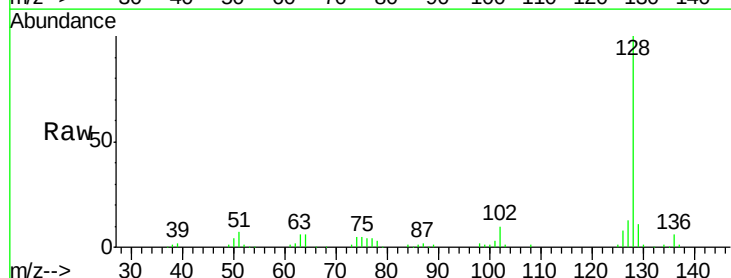


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

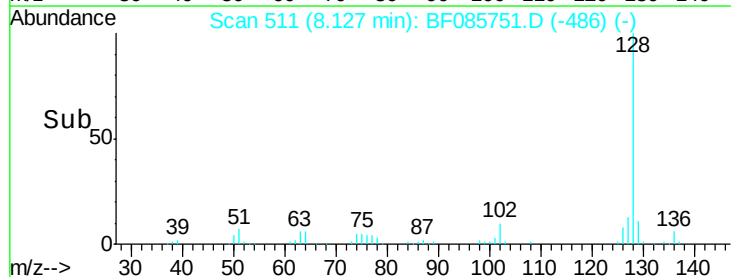
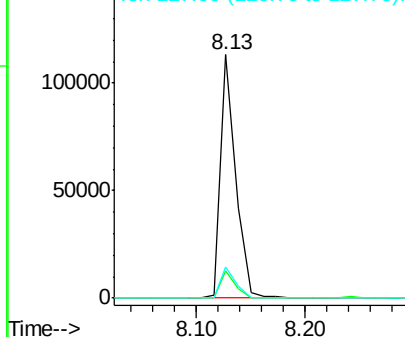


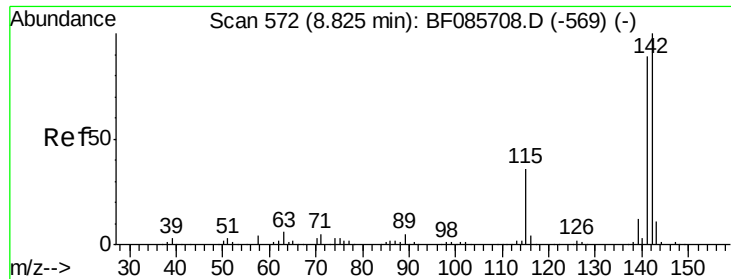
#31
 Naphthalene
 Concen: 4.64 ng
 RT: 8.13 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Tgt Ion:128 Resp: 110988
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.4 14.0
 127 13.0 11.0 16.6



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

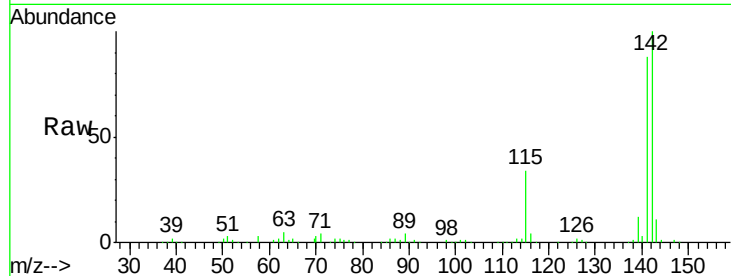




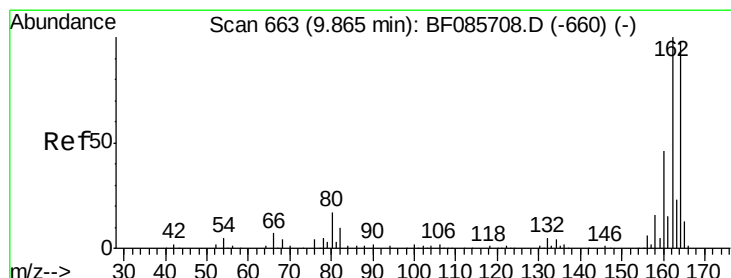
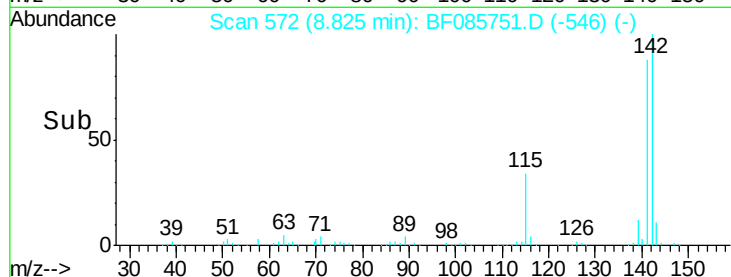
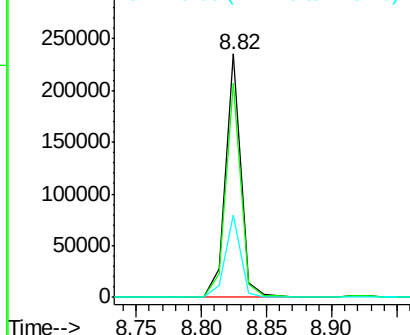
#37
2-Methylnaphthalene
Concen: 11.12 ng
RT: 8.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 193978
Ion Ratio Lower Upper
142 100
141 87.8 71.6 107.4
115 34.1 26.8 40.2

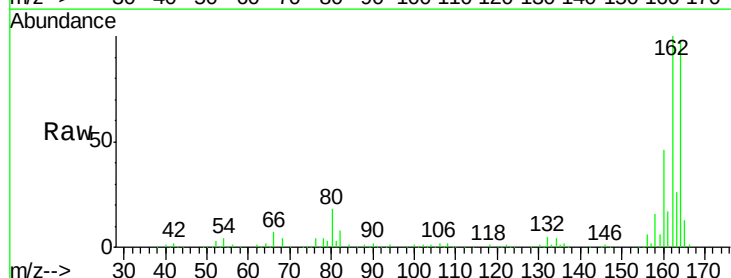


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

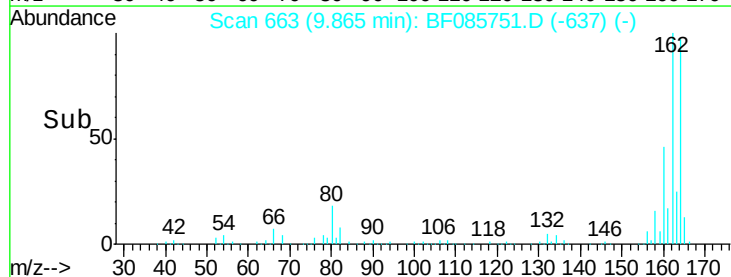
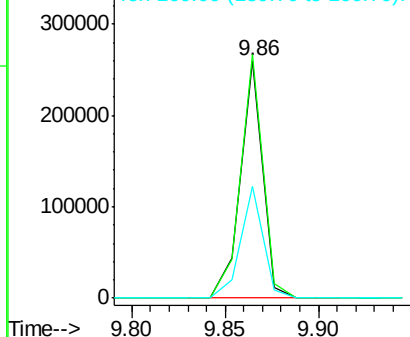


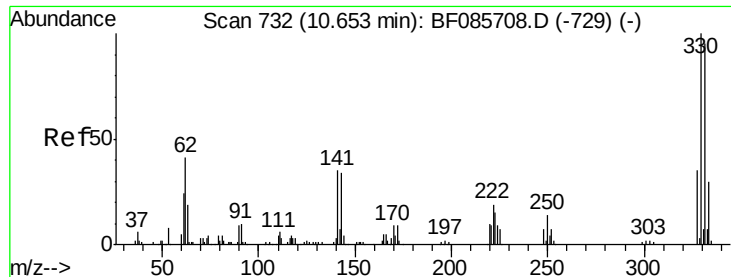
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:164 Resp: 216339
Ion Ratio Lower Upper
164 100
162 102.6 82.1 123.1
160 47.2 37.4 56.2



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

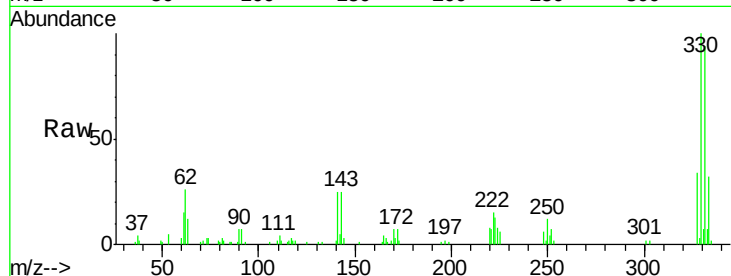




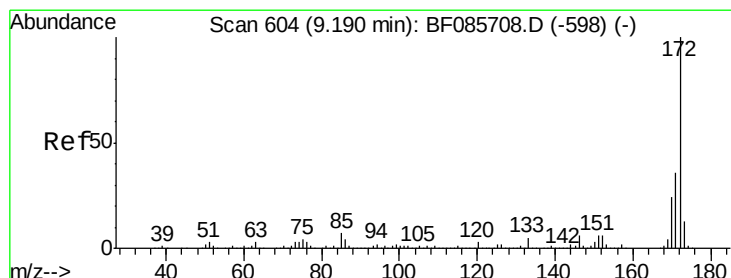
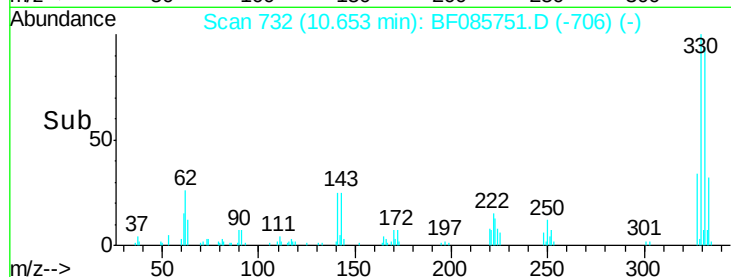
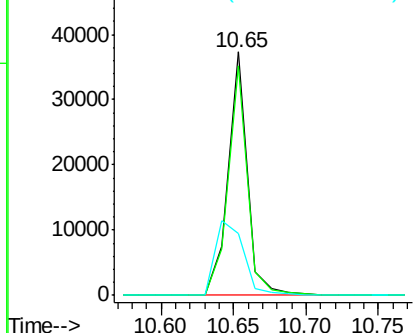
#41
 2,4,6-Tribromophenol
 Concen: 16.73 ng
 RT: 10.65 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.2	117.2
141	45.1	31.5	47.3

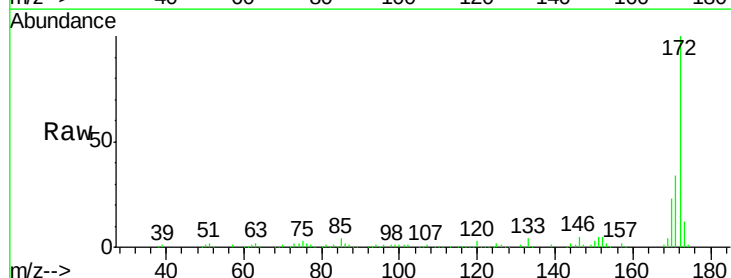


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

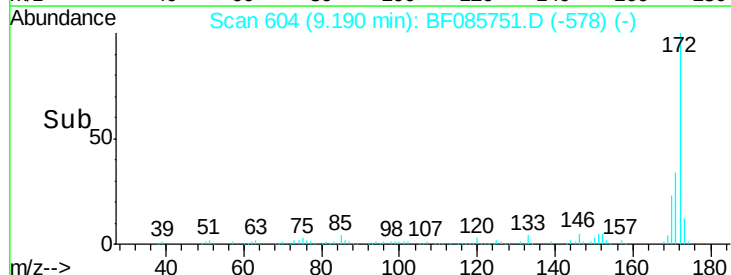
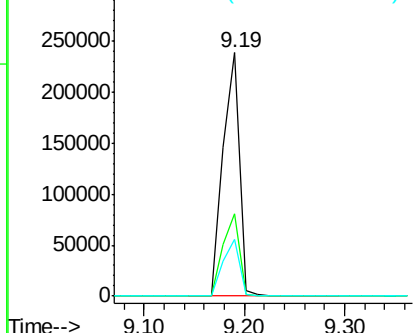


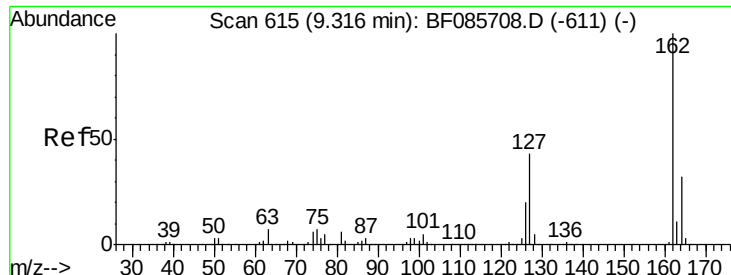
#44
 2-Fluorobiphenyl
 Concen: 20.89 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.2
170	23.3	19.8	29.6



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

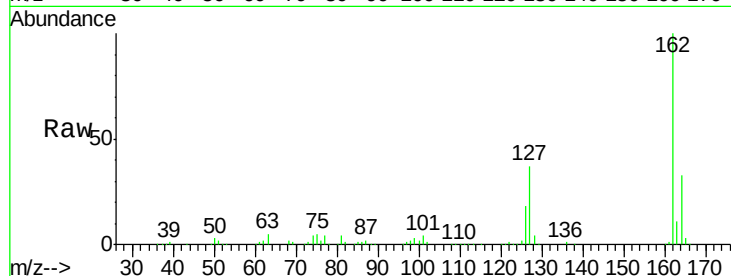




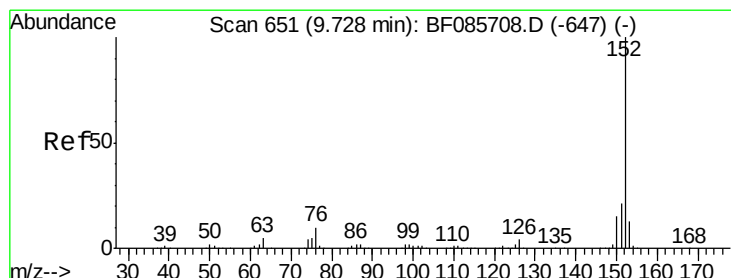
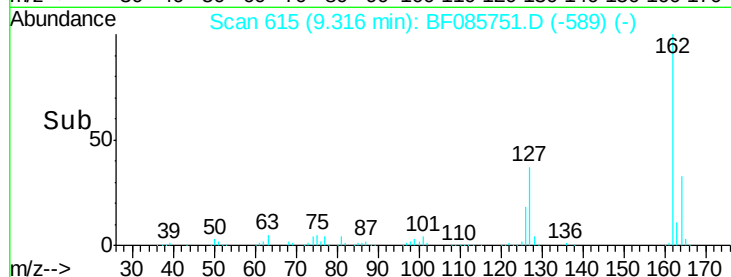
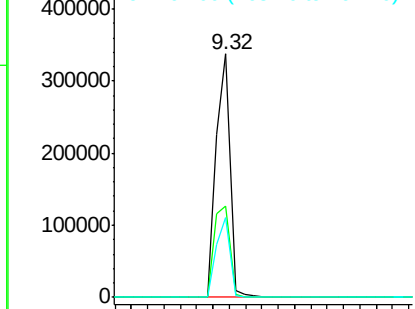
#46
2-Chloronaphthalene
Concen: 29.75 ng
RT: 9.32 min Scan# 615
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	31.7	47.5
164	32.9	27.3	40.9

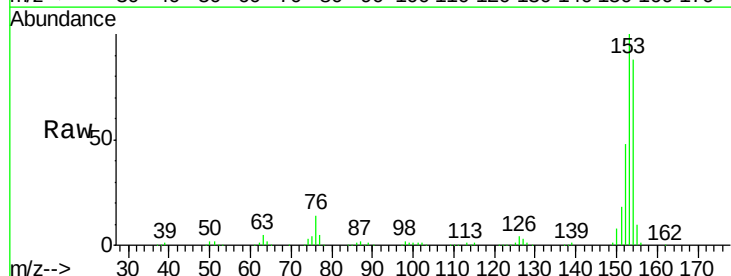


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

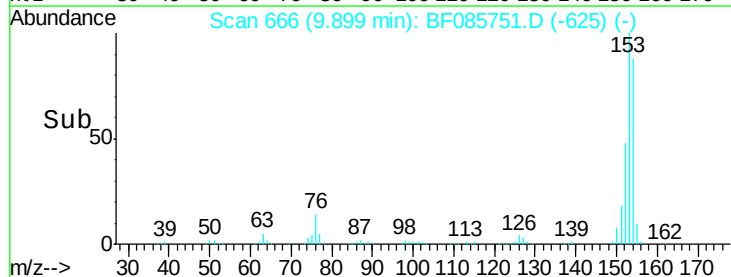
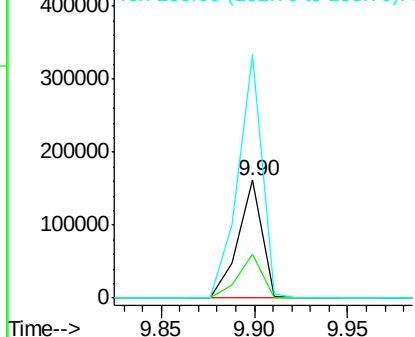


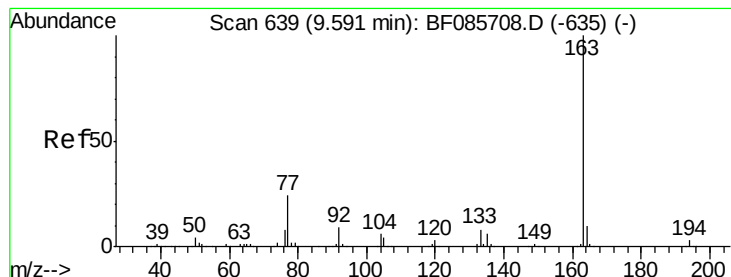
#48
Acenaphthylene
Concen: 6.69 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.17 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	37.1	16.8	25.2#
153	206.2	10.9	16.3#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 29.68 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

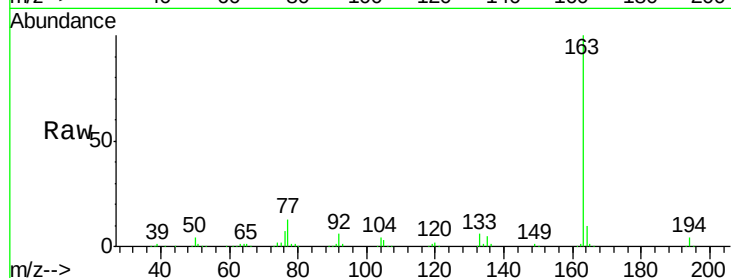
Tot Ion:163 Resp: 487140

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

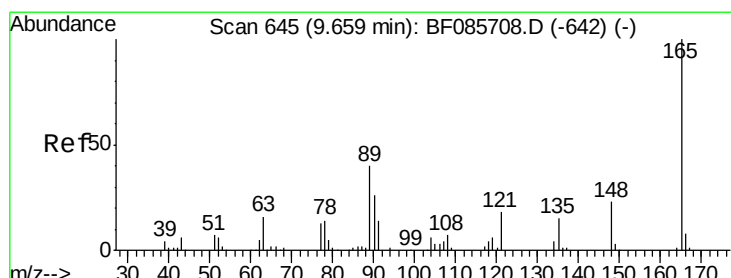
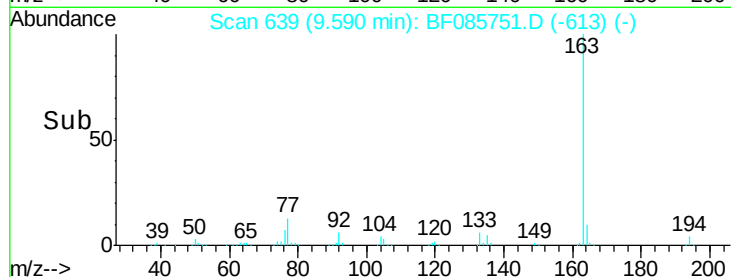
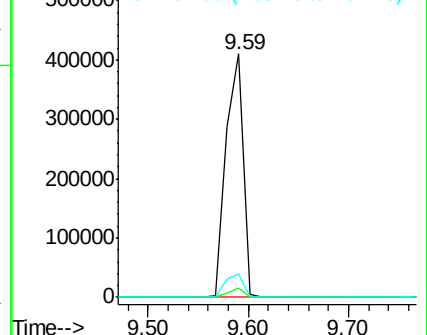
164 9.7 8.3 12.5



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: 18.95 ng

RT: 9.65 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

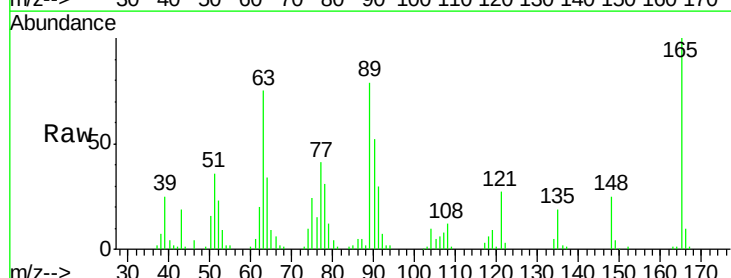
Tgt Ion:165 Resp: 66936

Ion Ratio Lower Upper

165 100

63 74.8 51.8 77.8

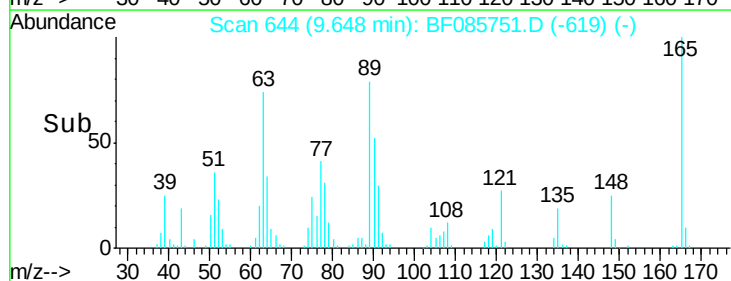
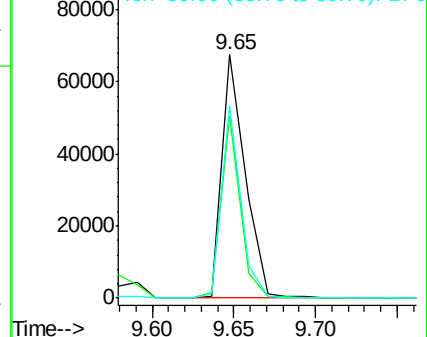
89 79.2 53.7 80.5

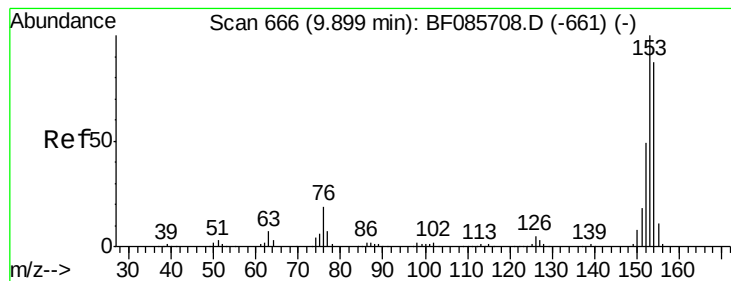


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 19.96 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

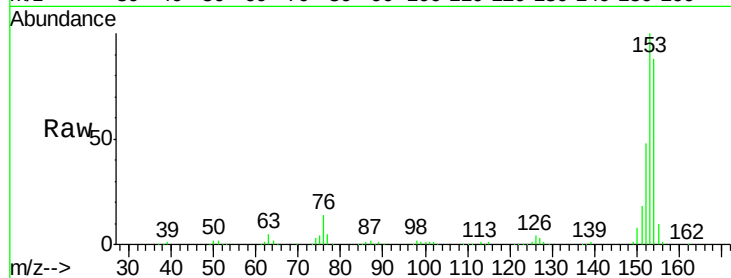
Tot Ion:154 Resp: 266612

Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

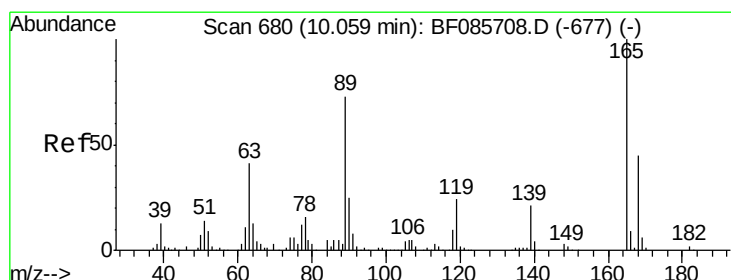
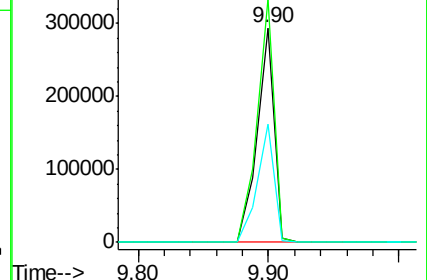
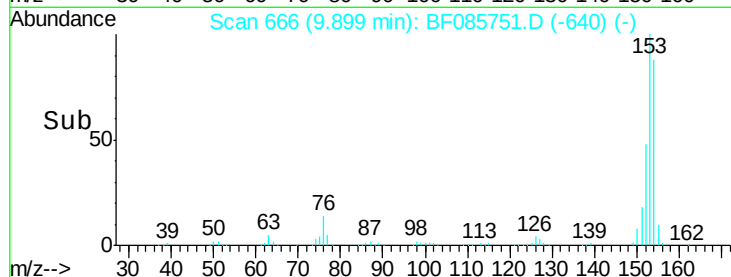
152 55.1 44.2 66.2



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



#56

2,4-Dinitrotoluene

Concen: 6.97 ng

RT: 10.06 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Tgt Ion:165 Resp: 31314

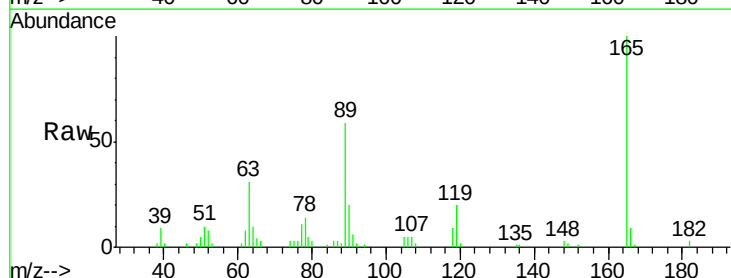
Ion Ratio Lower Upper

165 100

63 30.8 24.9 37.3

89 59.0 41.0 61.6

182 2.5 2.1 3.1

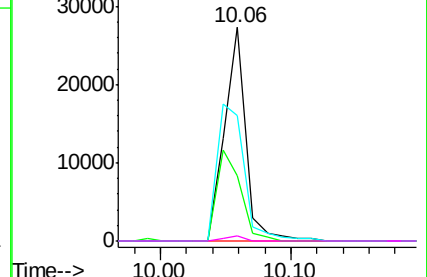
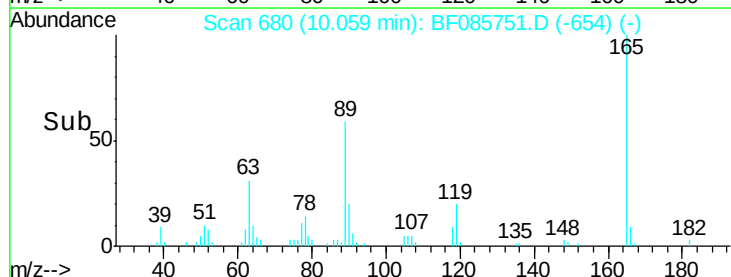


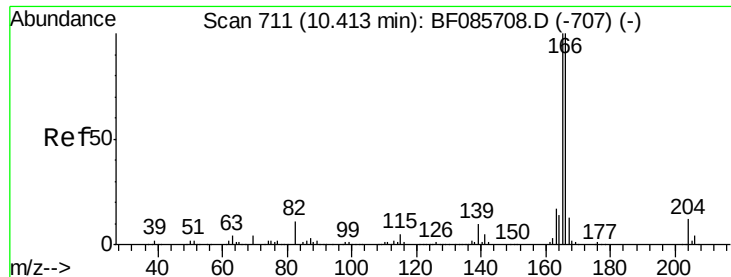
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 20.94 ng

RT: 10.41 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

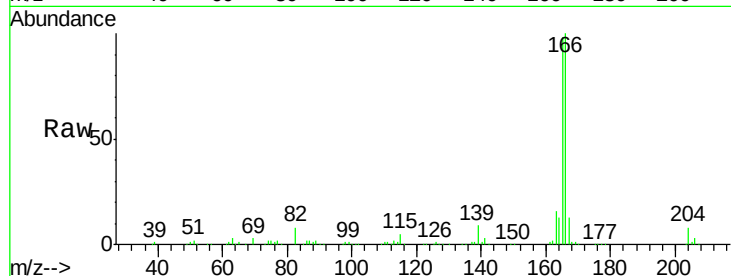
Tot Ion:166 Resp: 300986

Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.0

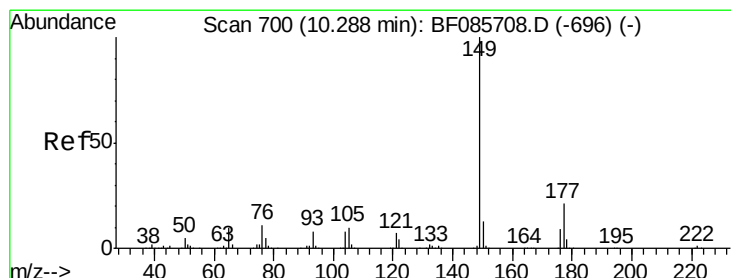
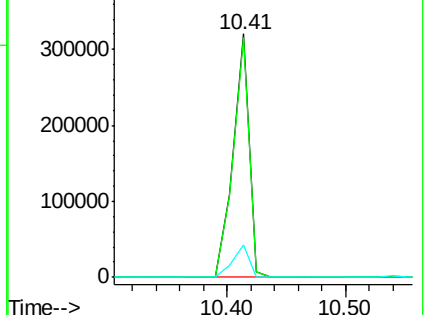
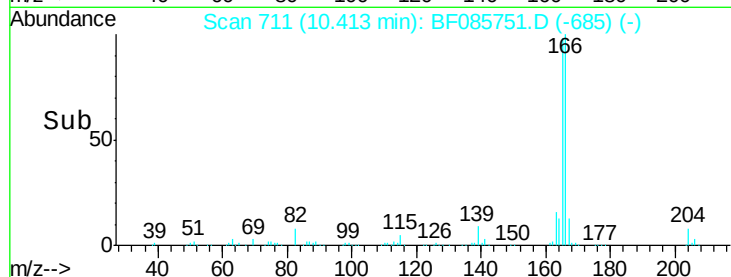
167 13.1 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 15.74 ng

RT: 10.28 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

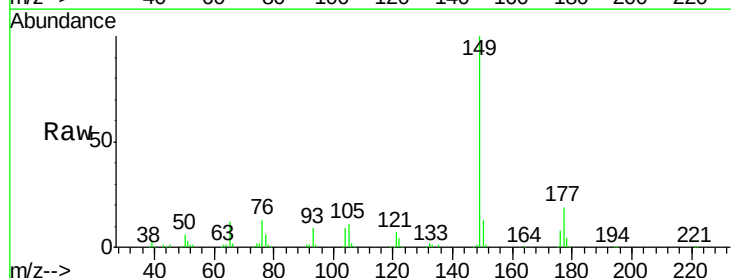
Tgt Ion:149 Resp: 255203

Ion Ratio Lower Upper

149 100

177 18.6 17.9 26.9

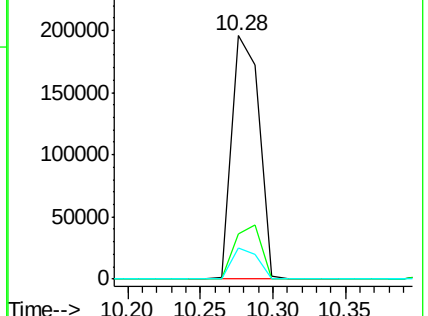
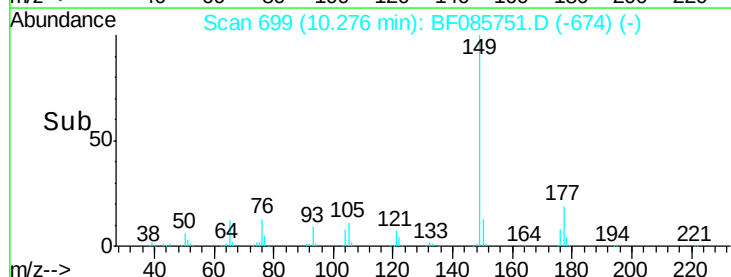
150 13.0 10.2 15.2

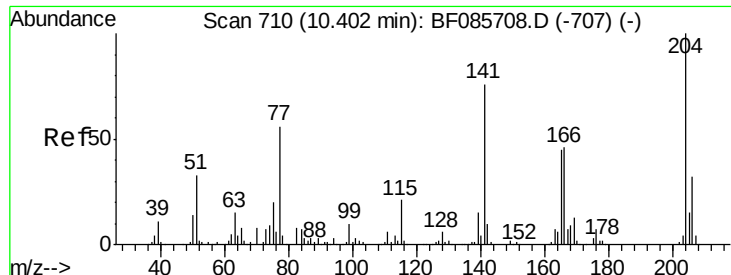


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

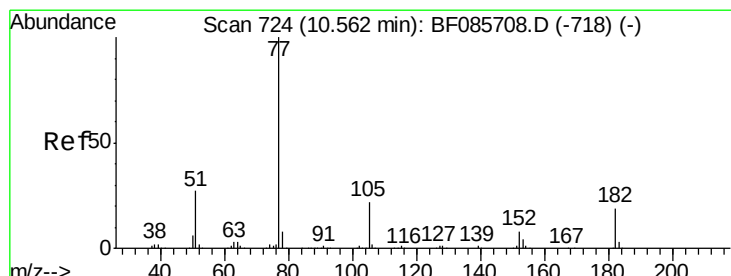
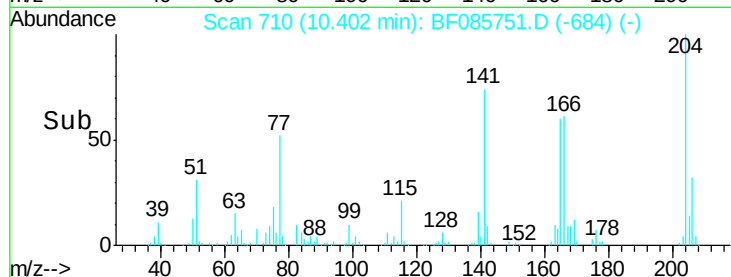
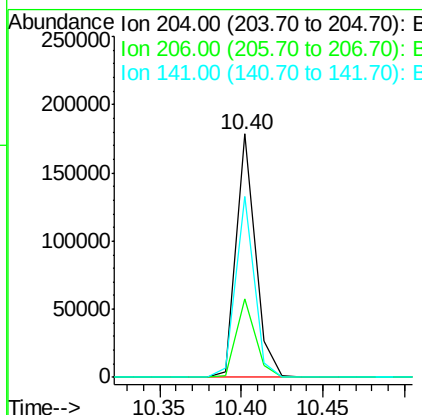
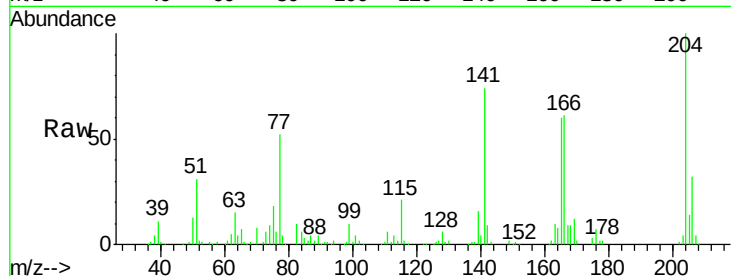




#60
4-Chlorophenyl-phenylether
Concen: 20.60 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

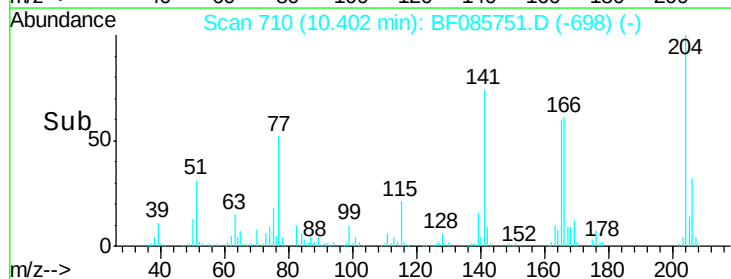
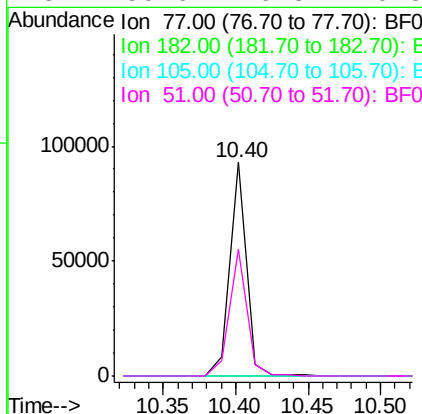
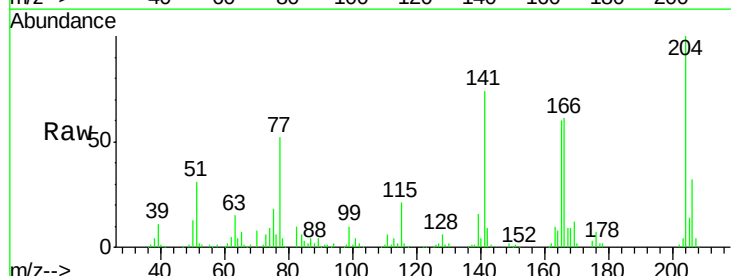
Instrument :
BNA_F
ClientSampled :

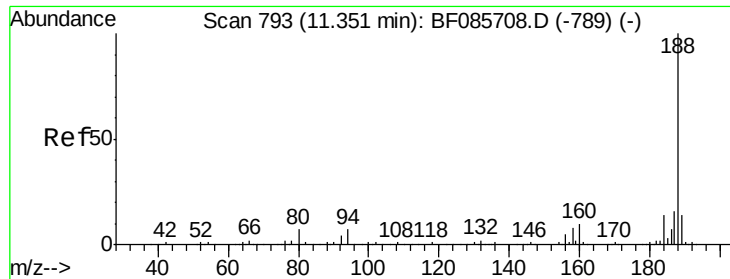
Tot Ion: 204 Resp: 144754
Ion Ratio Lower Upper
204 100
206 32.3 26.6 39.8
141 74.1 57.4 86.0



#62
Azobenzene
Concen: 4.75 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.16 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion: 77 Resp: 74062
Ion Ratio Lower Upper
77 100
182 0.0 1.9 41.9#
105 0.0 3.5 43.5#
51 59.6 6.3 46.3#

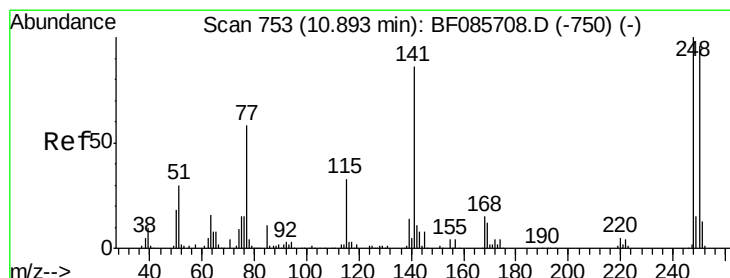
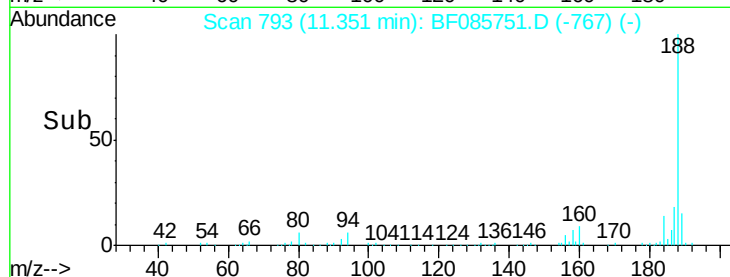
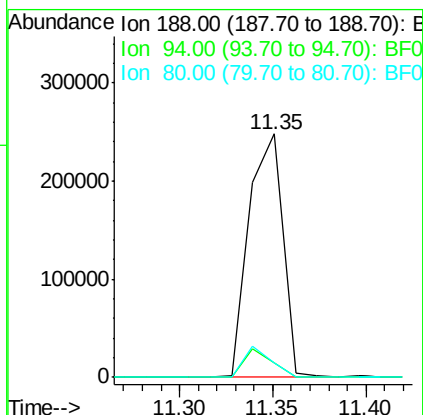
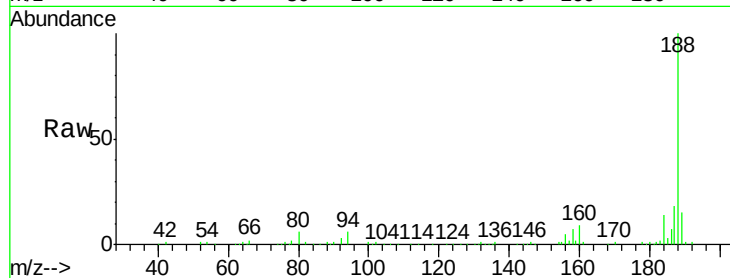




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

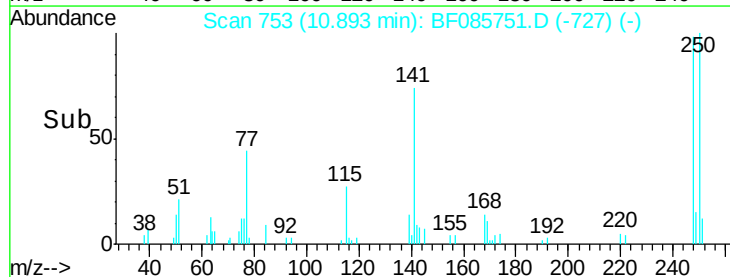
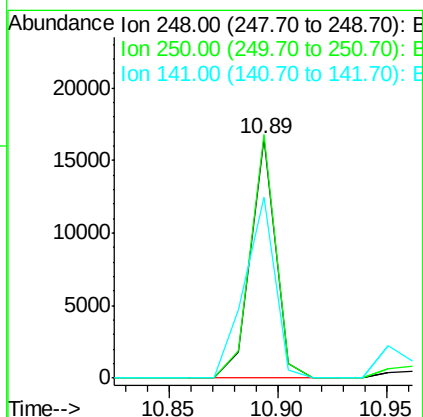
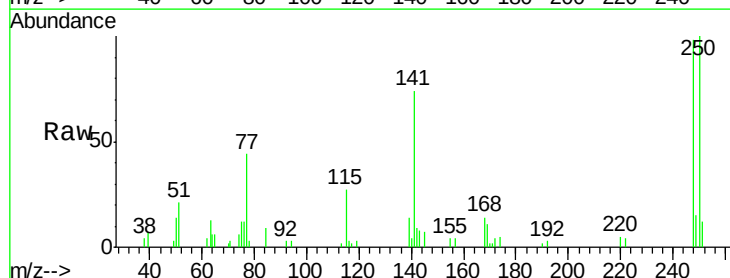
Instrument :
BNA_F
ClientSampleId :

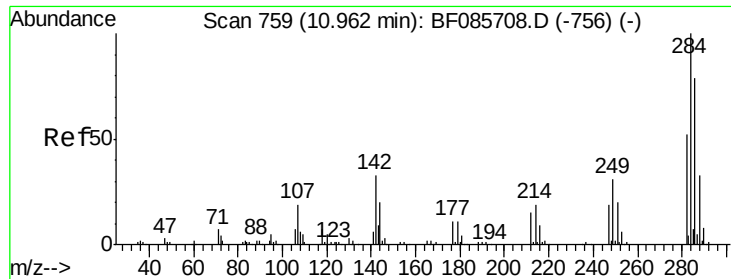
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.4	8.0
80	5.8	5.5	8.3



#66
4-Bromophenyl-phenylether
Concen: 4.15 ng
RT: 10.89 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.6	77.4	116.0
141	75.4	63.6	95.4

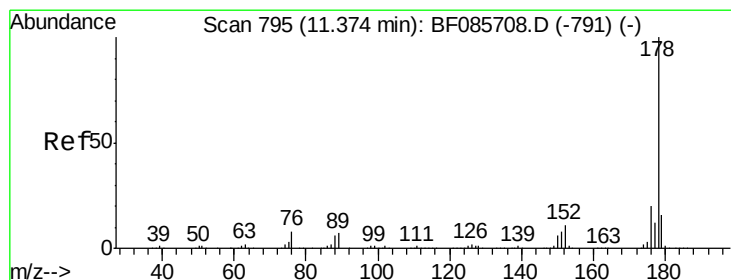
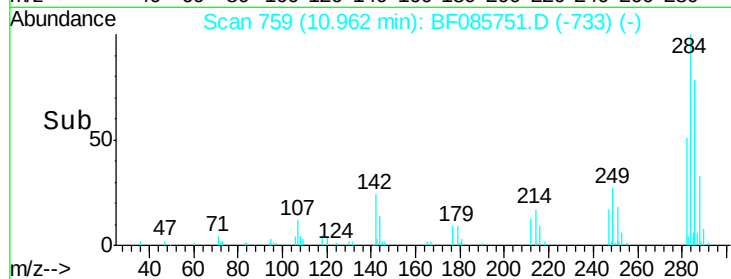
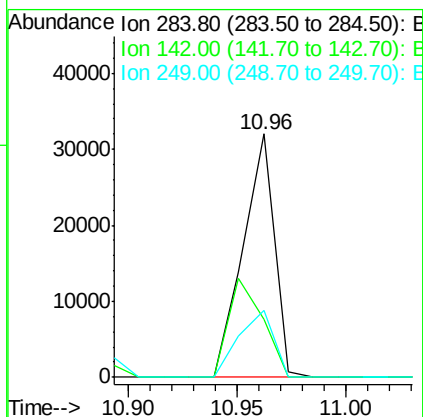
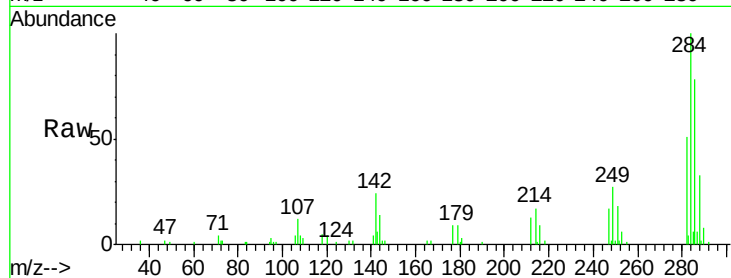




#67
Hexachlorobenzene
Concen: 9.57 ng
RT: 10.96 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

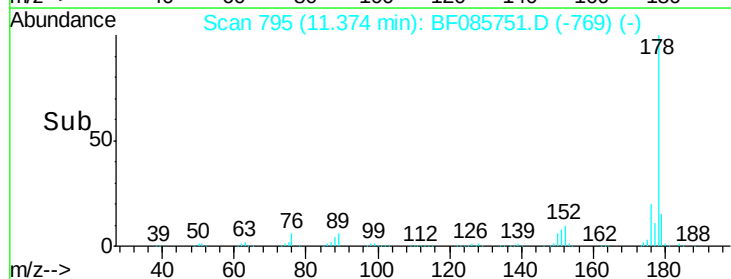
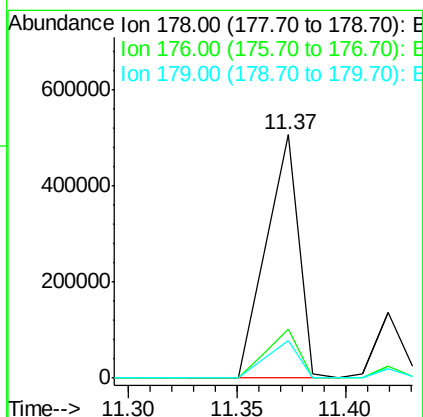
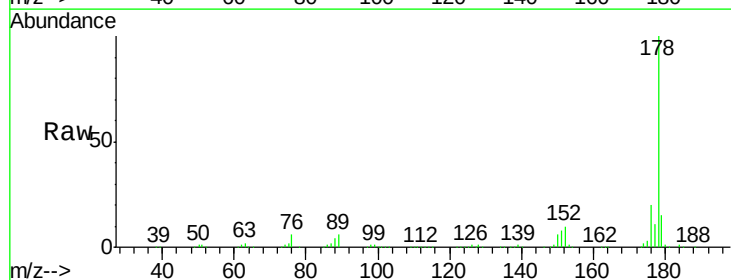
Instrument :
BNA_F
ClientSampleId :

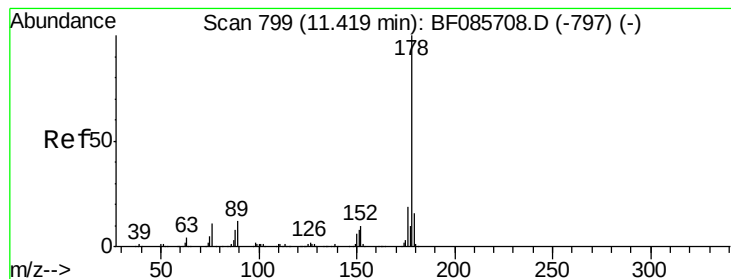
Tot Ion:284 Resp: 31969
Ion Ratio Lower Upper
284 100
142 24.0 23.1 34.7
249 27.4 24.2 36.2



#70
Phenanthrene
Concen: 33.31 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:178 Resp: 533789
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.2 12.6 18.8





#71

Anthracene

Concen: 7.17 ng

RT: 11.42 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

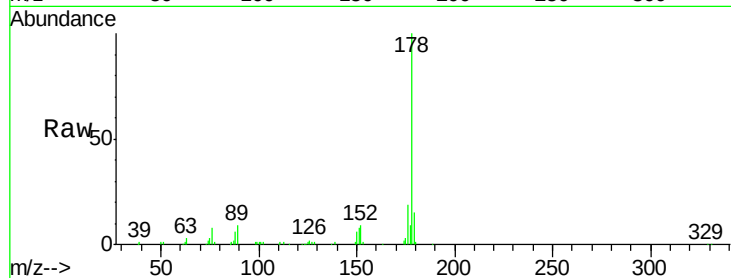
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 120637

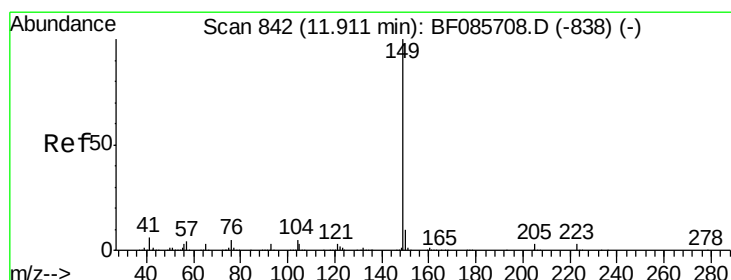
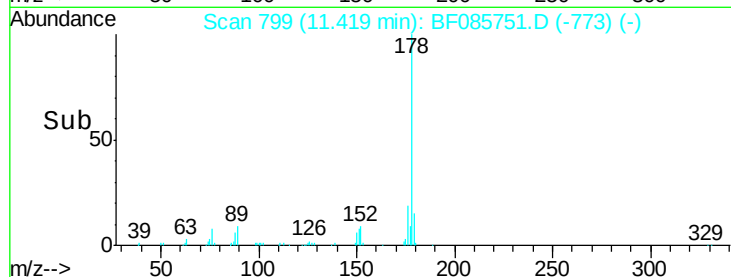
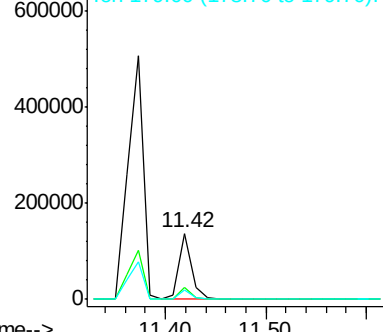
Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.2	13.0	19.4



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



#73

Di-n-butylphthalate

Concen: 19.02 ng

RT: 11.91 min Scan# 842

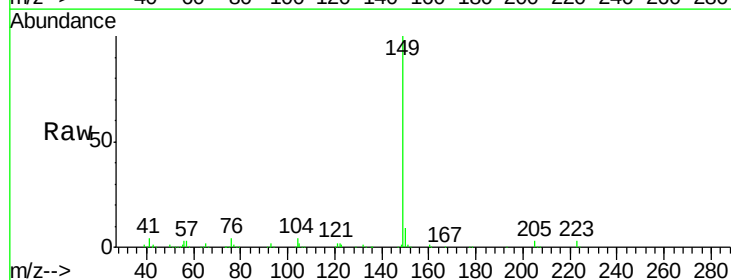
Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Tgt Ion:149 Resp: 368670

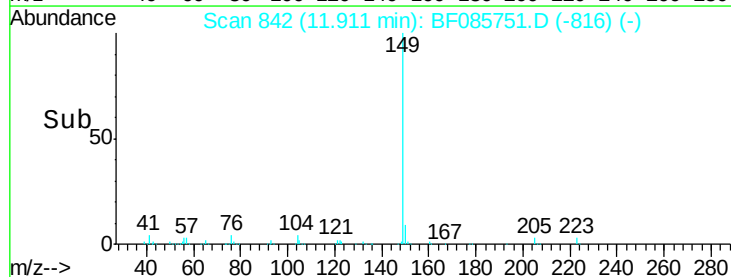
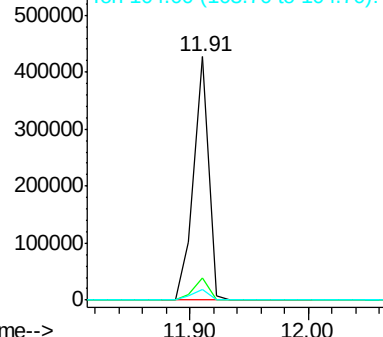
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.6	11.4
104	4.4	3.8	5.8

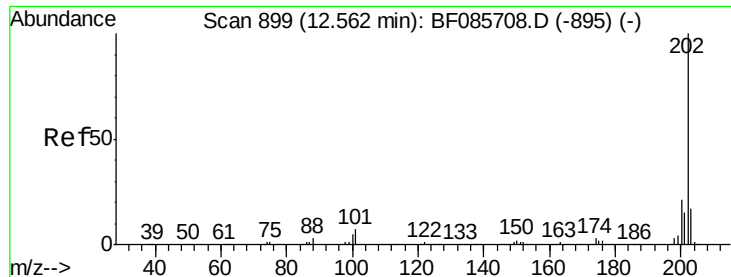


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 13.61 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampled :

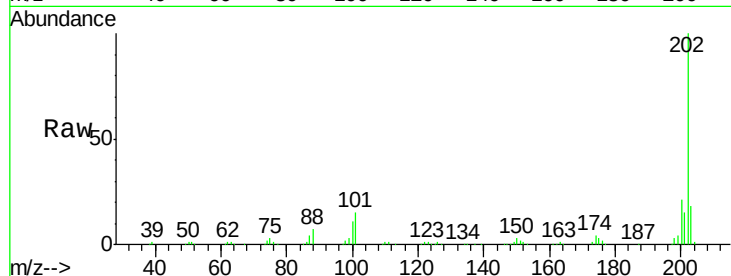
Tot Ion:202 Resp: 231772

Ion Ratio Lower Upper

202 100

101 15.2 0.0 36.6

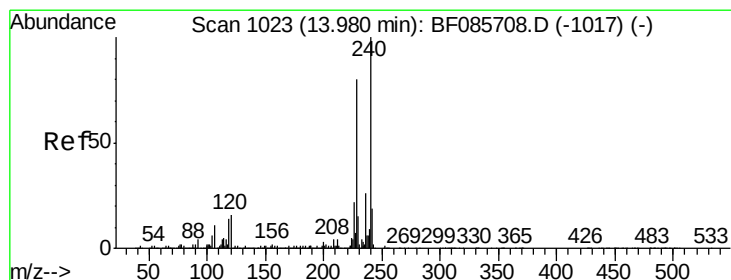
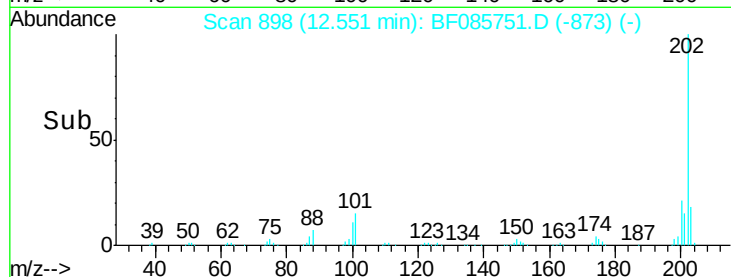
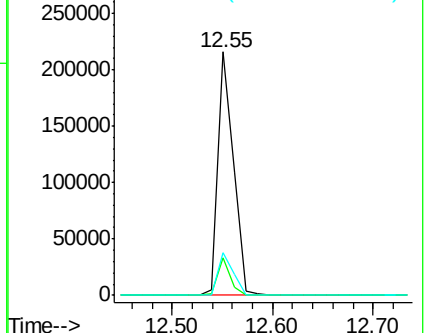
203 17.7 0.0 38.1



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: 13.98 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

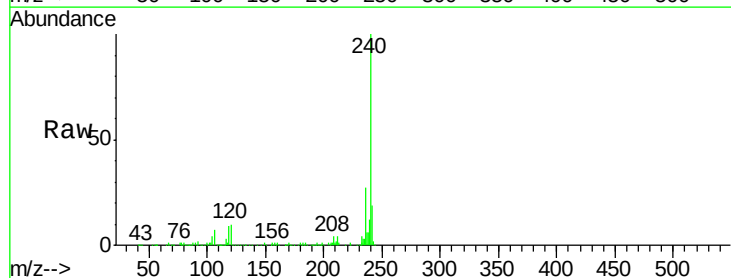
Tgt Ion:240 Resp: 252601

Ion Ratio Lower Upper

240 100

120 10.0 13.8 20.8#

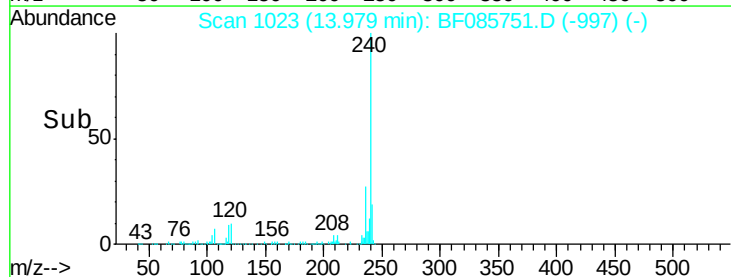
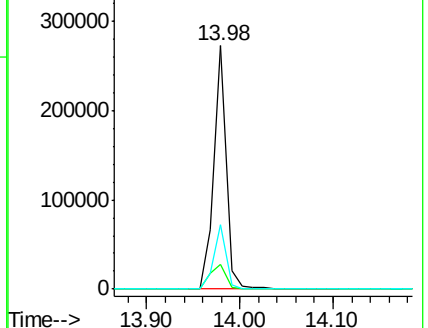
236 26.7 20.6 30.8

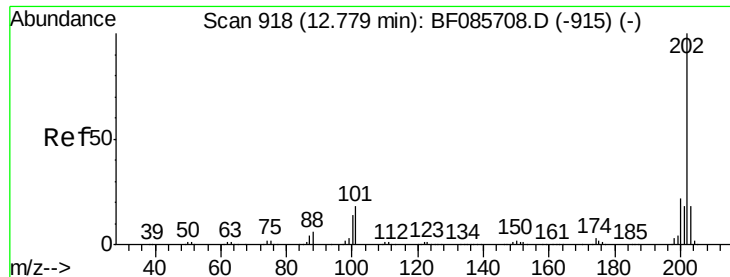


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 11.16 ng

RT: 12.55 min Scan# 898

Delta R.T. -0.23 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampled :

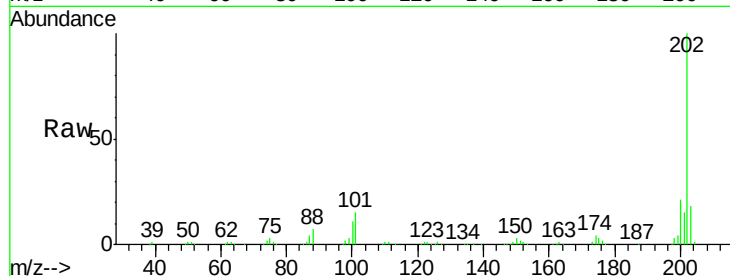
Tot Ion:202 Resp: 231772

Ion Ratio Lower Upper

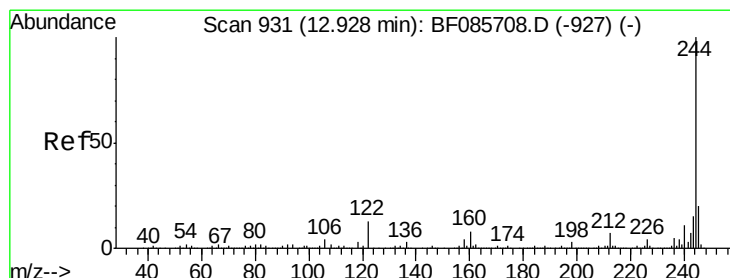
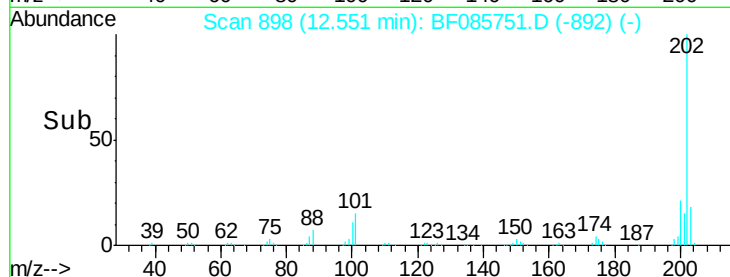
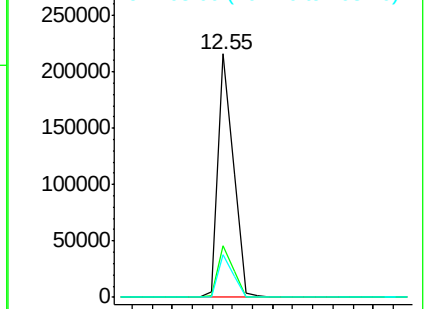
202 100

200 21.1 17.6 26.4

203 17.7 14.0 21.0



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: 14.42 ng

RT: 12.93 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

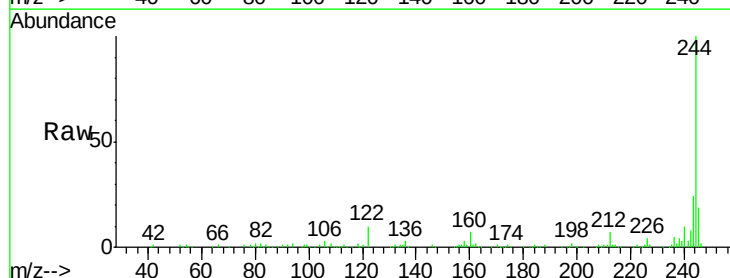
Tgt Ion:244 Resp: 177139

Ion Ratio Lower Upper

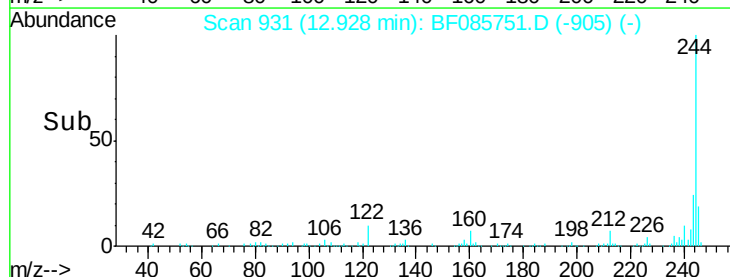
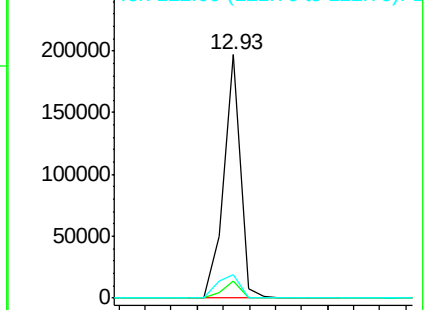
244 100

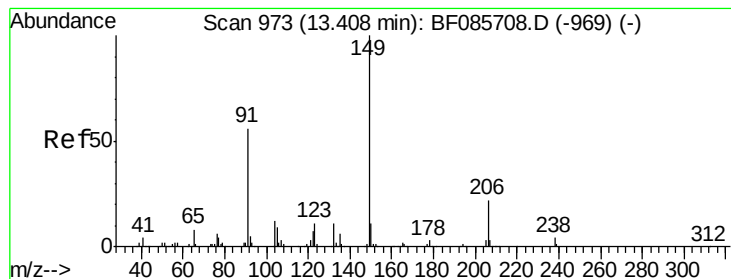
212 7.1 6.1 9.1

122 9.6 10.2 15.4#



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: 9.91 ng

RT: 13.40 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

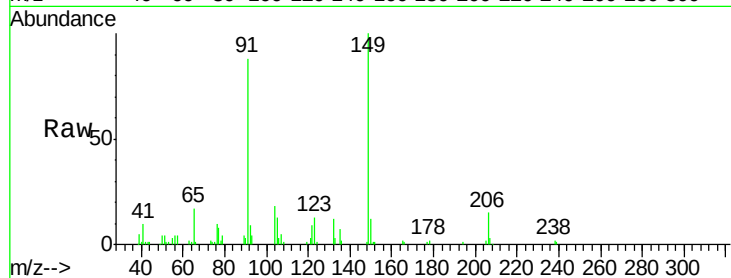
Tot Ion:149 Resp: 86155

Ion Ratio Lower Upper

149 100

91 88.1 45.8 68.8#

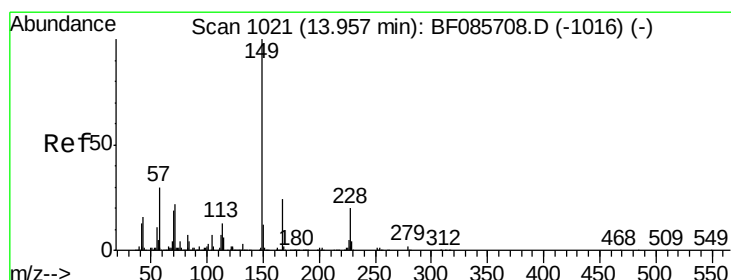
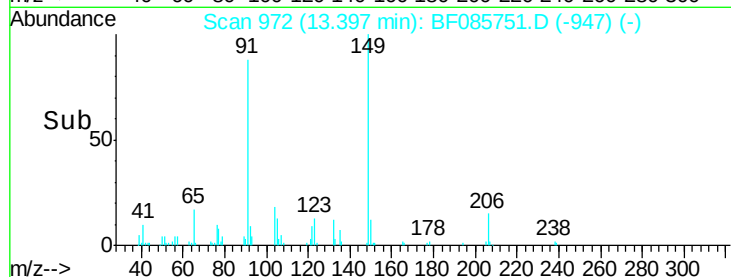
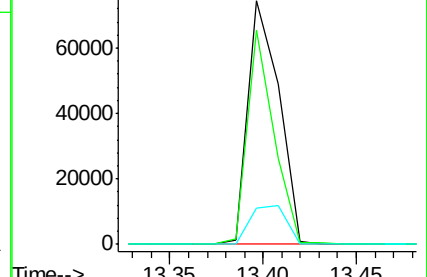
206 14.8 17.8 26.8#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 33.46 ng

RT: 13.96 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

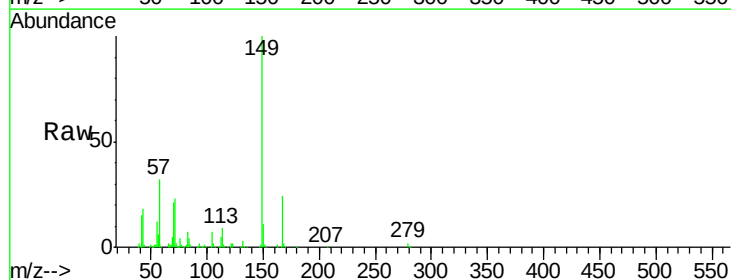
Tgt Ion:149 Resp: 348342

Ion Ratio Lower Upper

149 100

167 23.8 19.4 29.2

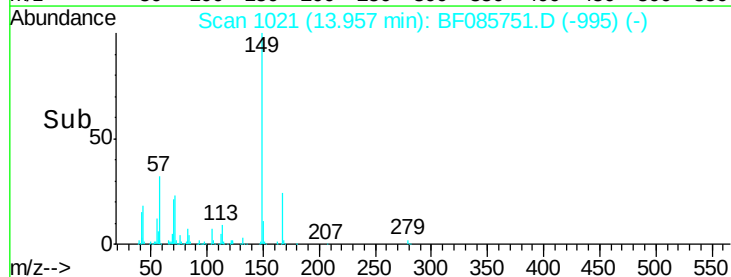
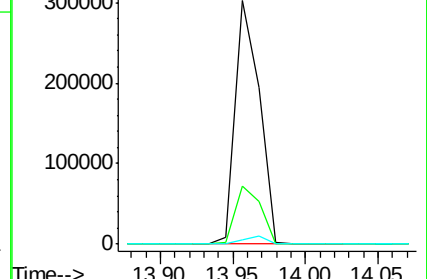
279 1.8 1.5 2.3

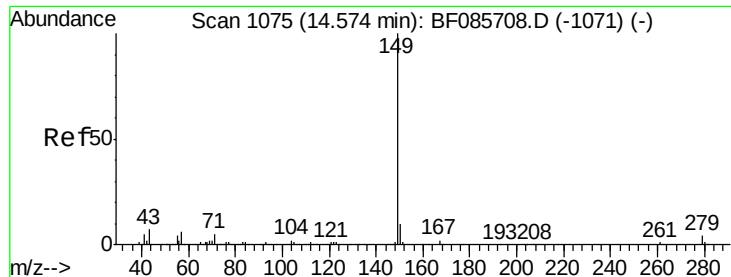


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 37.87 ng

RT: 14.57 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

Instrument :

BNA_F

ClientSampleId :

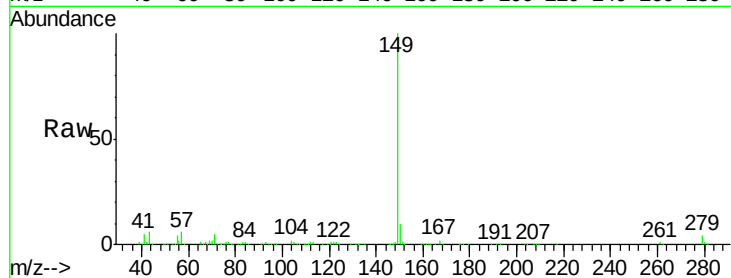
Tot Ion:149 Resp: 586362

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

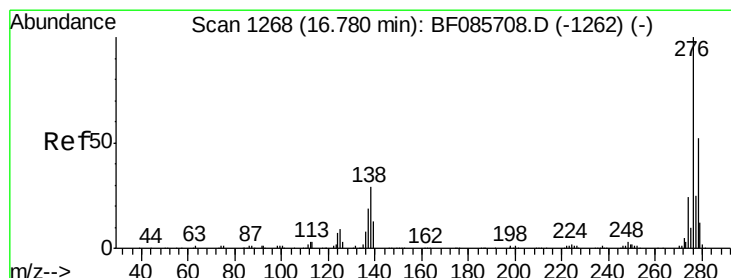
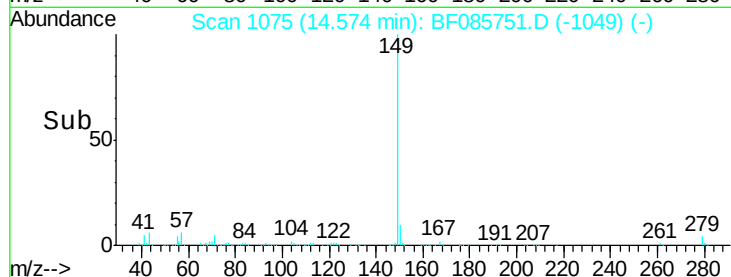
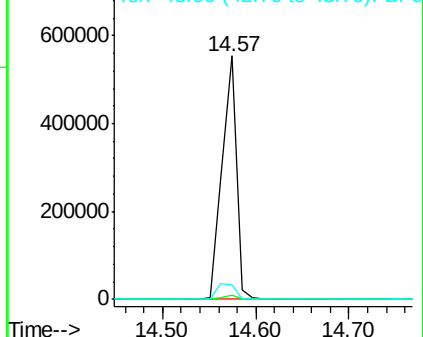
43 8.4 7.1 10.7



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: 8.06 ng

RT: 16.78 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BF085751.D

Acq: 25 Mar 2016 9:25

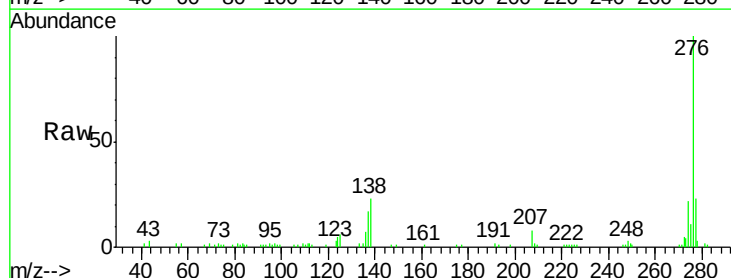
Tgt Ion:276 Resp: 90331

Ion Ratio Lower Upper

276 100

138 23.1 24.2 36.4#

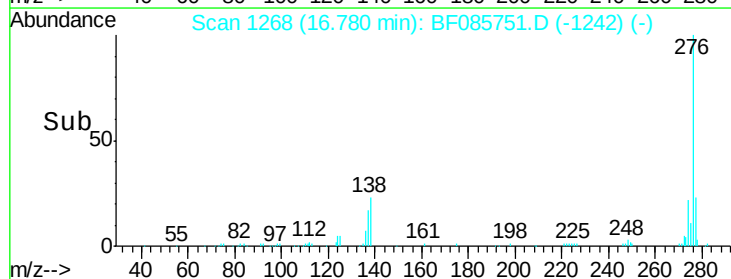
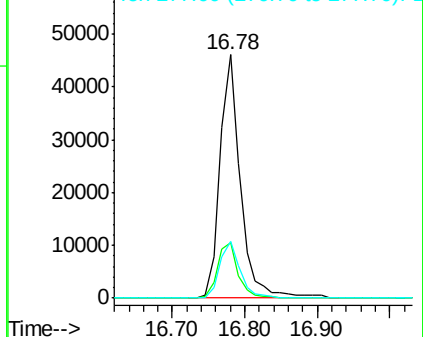
277 23.1 20.0 30.0

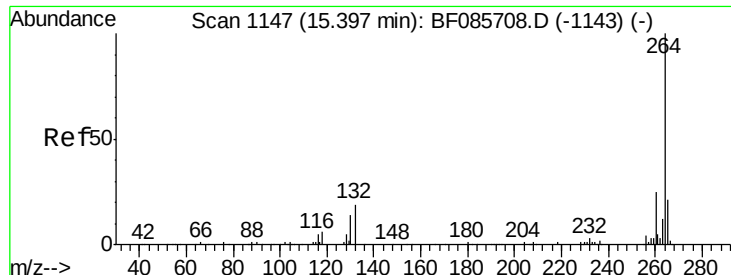


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

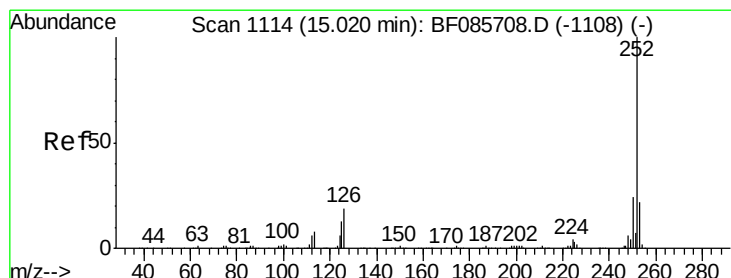
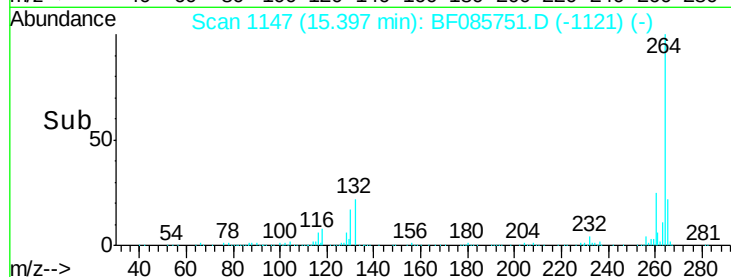
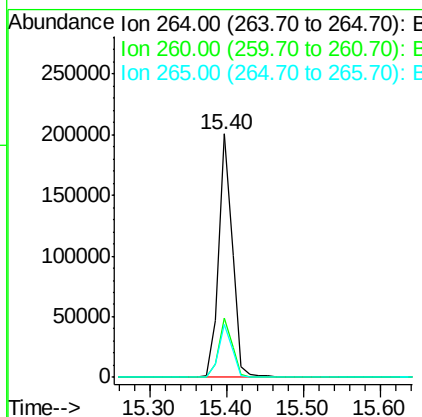
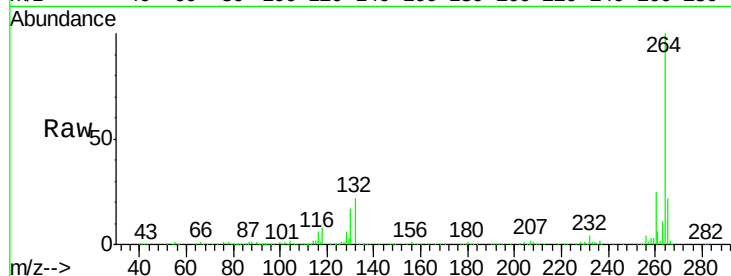




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

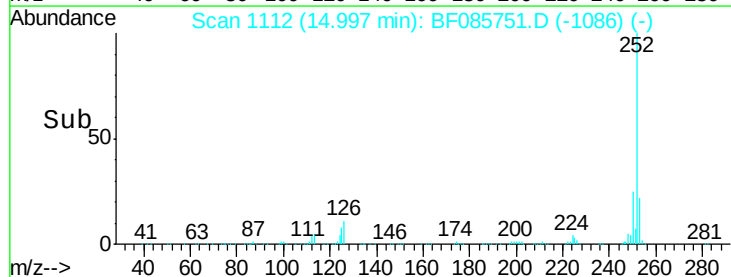
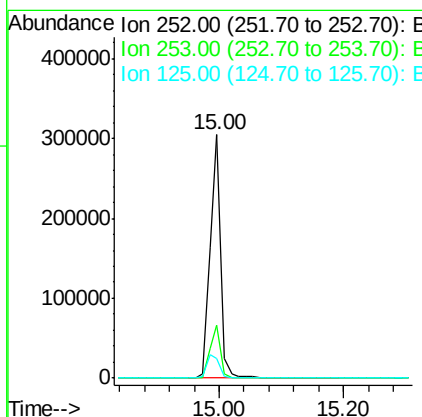
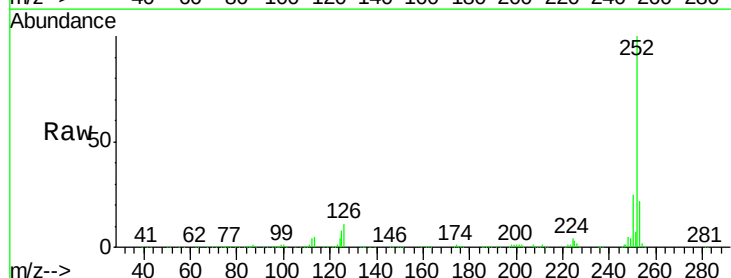
Instrument :
BNA_F
ClientSampled :

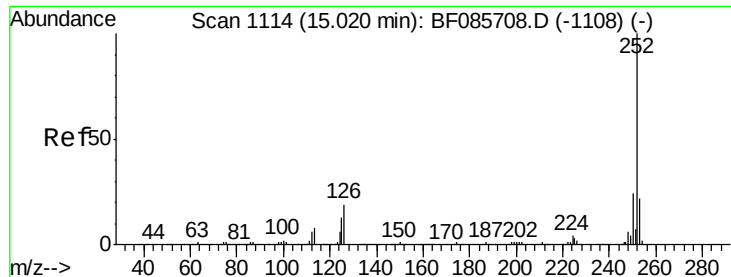
Tot Ion:264 Resp: 251142
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 22.31 ng
RT: 15.00 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF085751.D
Acq: 25 Mar 2016 9:25

Tgt Ion:252 Resp: 353009
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.1 10.3 15.5#





#88
 Benzo(k)fluoranthene
 Concen: 24.75 ng
 RT: 15.00 min Scan# 1112
 Delta R.T. -0.02 min
 Lab File: BF085751.D
 Acq: 25 Mar 2016 9:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 353009
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.8 26.6
 125 8.1 7.7 11.5

