

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032516\
 Data File : BF085778.D
 Acq On : 25 Mar 2016 23:10
 Operator : UM/SJ
 Sample : H1834-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 14

Quant Time: Mar 25 23:16:50 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

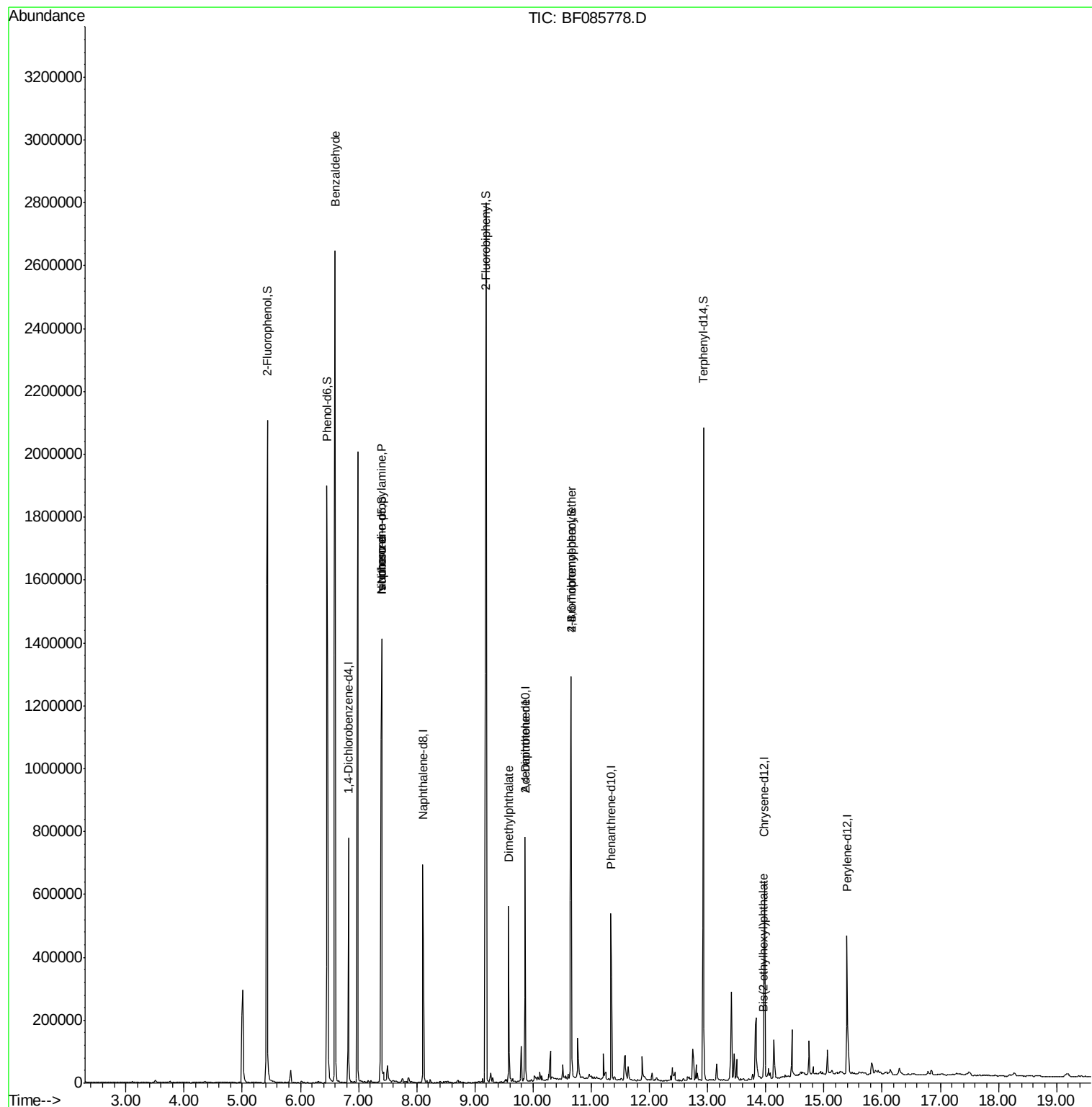
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	111862	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	387210	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	157912	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	238946	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	222596	20.00	ng	0.00
86) Perylene-d12	15.40	264	184254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	850658	126.65	ng	0.02
7) Phenol-d6	6.46	99	1003516	117.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	651814	94.80	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	170458	113.61	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	982038	103.90	ng	0.00
78) Terphenyl-d14	12.93	244	600539	55.48	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	18931	3.68	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.40	70	86158	16.85	ng	# 73
25) Isophorone	7.40	82	631541	47.68	ng	# 68
37) 2-Methylnaphthalene	8.82	142	299	Below Cal		# 80
49) Dimethylphthalate	9.58	163	197969	16.52	ng	99
56) 2,4-Dinitrotoluene	9.86	165	20118	6.14	ng	# 37
66) 4-Bromophenyl-phenylether	10.65	248	11315	4.63	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.96	149	22564	2.46	ng	99

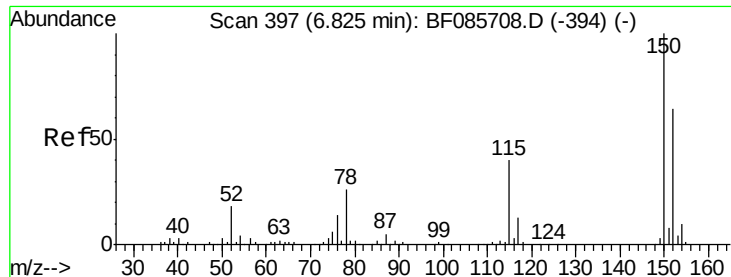
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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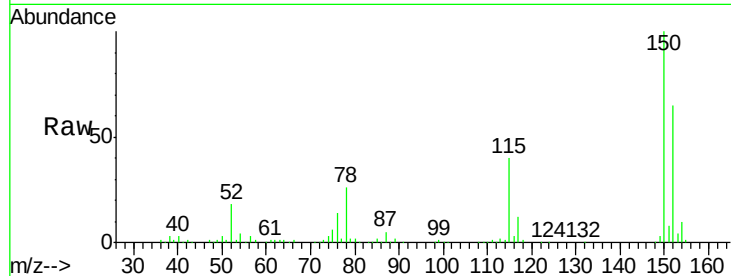


#1

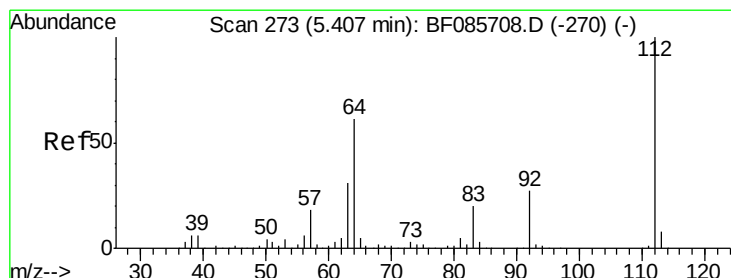
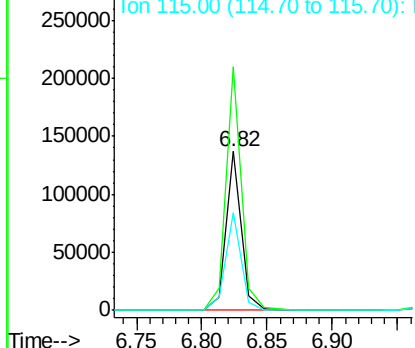
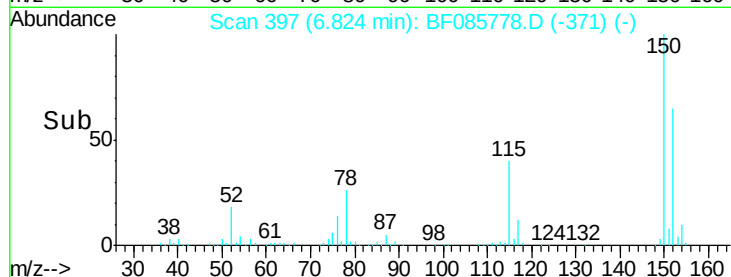
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF085778.D
Acq: 25 Mar 2016 23:10

Instrument :
BNA_F
ClientSampled :
14

Tgt Ion:152 Resp: 111862
Ion Ratio Lower Upper
152 100
150 153.5 124.2 186.2
115 61.6 47.0 70.6



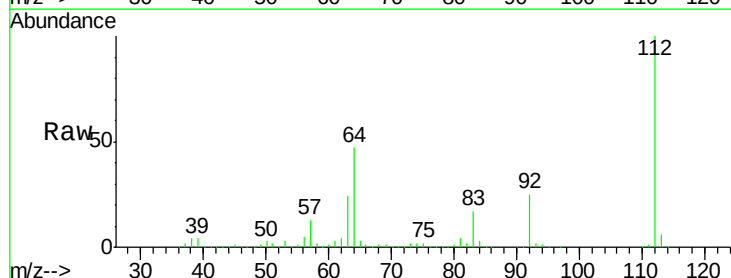
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



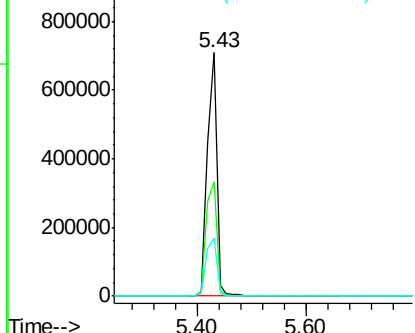
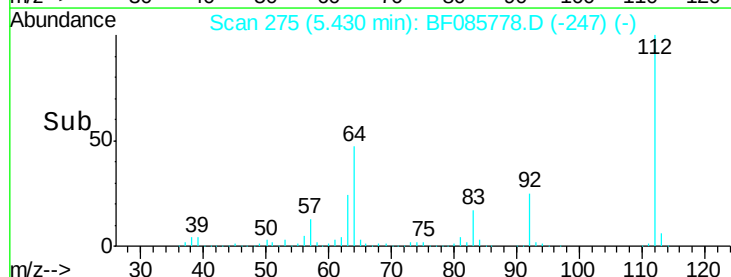
#5

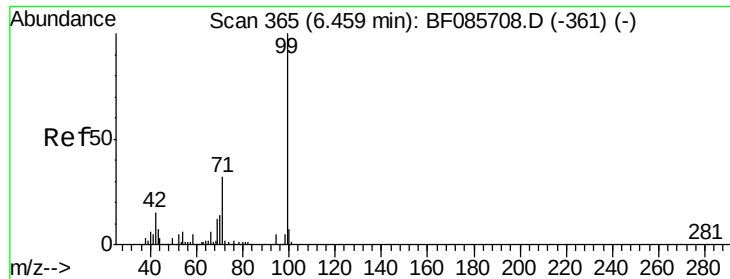
2-Fluorophenol
Concen: 126.65 ng
RT: 5.43 min Scan# 275
Delta R.T. 0.02 min
Lab File: BF085778.D
Acq: 25 Mar 2016 23:10

Tgt Ion:112 Resp: 850658
Ion Ratio Lower Upper
112 100
64 47.0 39.9 59.9
63 23.7 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





#7

Phenol-d6

Concen: 117.51 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF085778.D

Acq: 25 Mar 2016 23:10

Instrument :

BNA_F

ClientSampled :

14

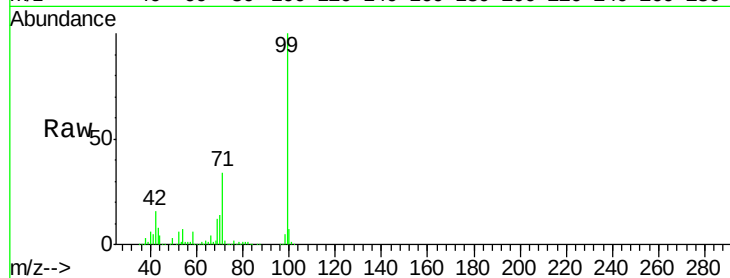
Tgt Ion: 99 Resp: 1003516

Ion Ratio Lower Upper

99 100

42 16.1 11.1 16.7

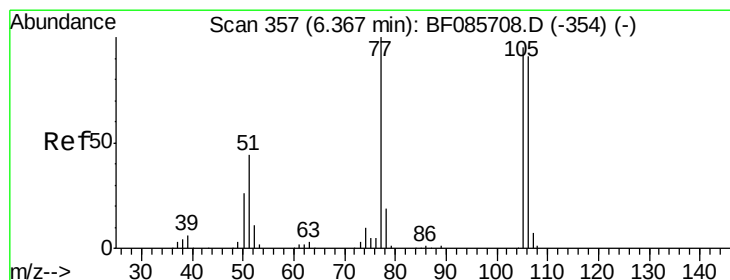
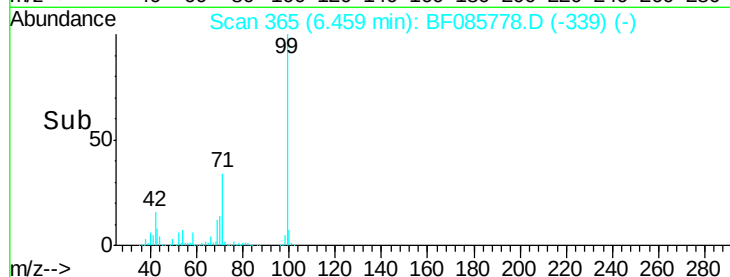
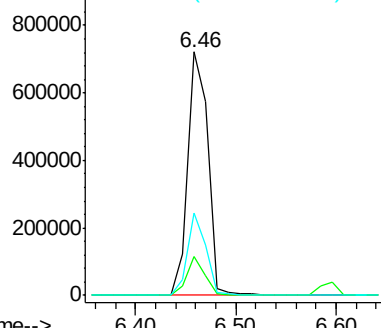
71 33.6 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.68 ng

RT: 6.60 min Scan# 377

Delta R.T. 0.23 min

Lab File: BF085778.D

Acq: 25 Mar 2016 23:10

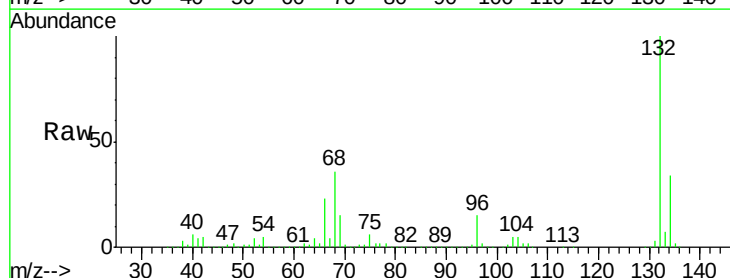
Tgt Ion: 77 Resp: 18931

Ion Ratio Lower Upper

77 100

105 88.4 80.1 120.1

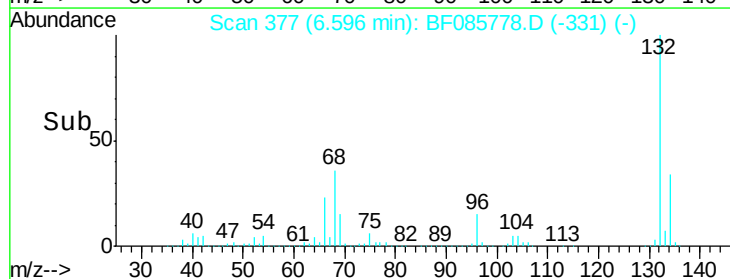
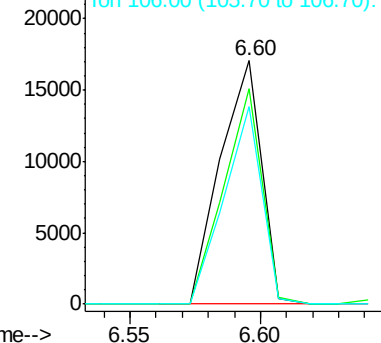
106 80.9 75.0 115.0

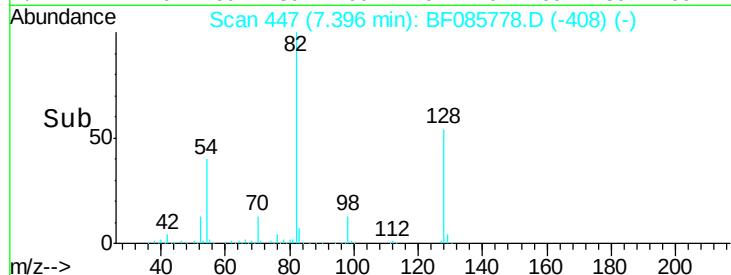
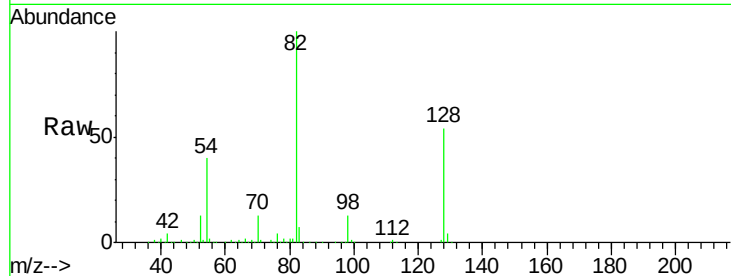
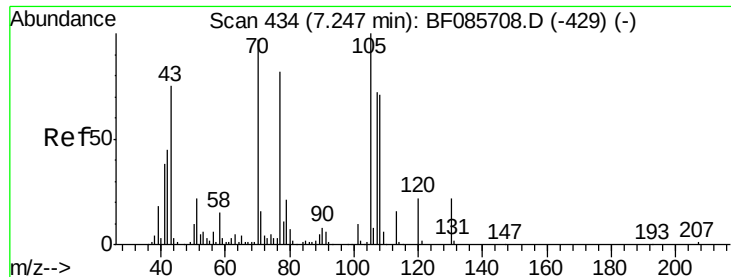


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

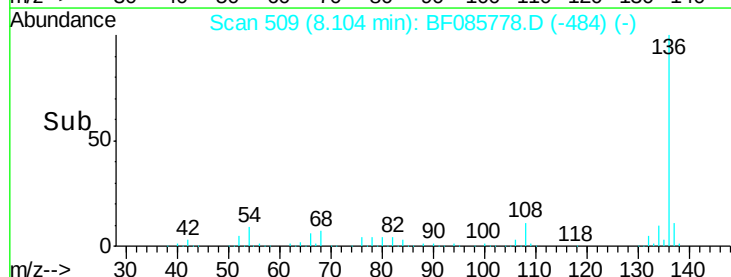
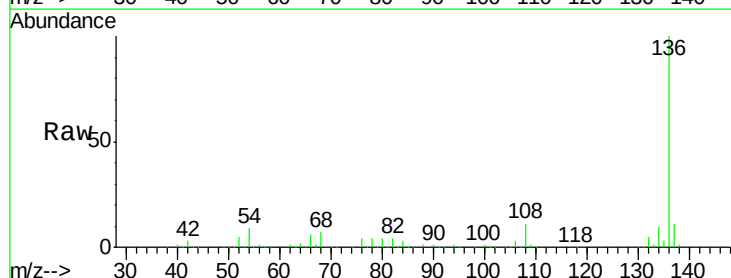
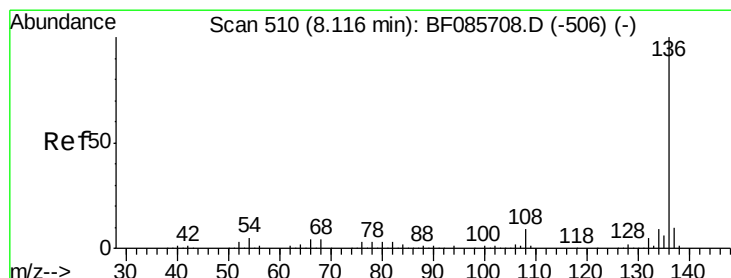
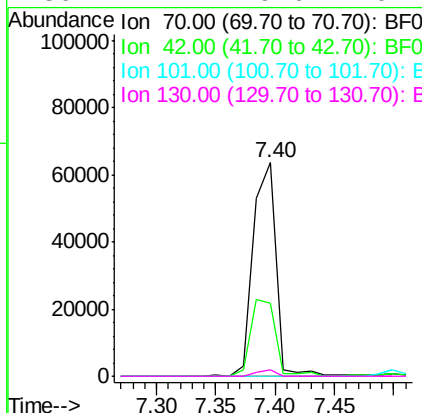




#19
n-Nitroso-di-n-propylamine
Concen: 16.85 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.15 min
Lab File: BF085778.D
Acq: 25 Mar 2016 23:10

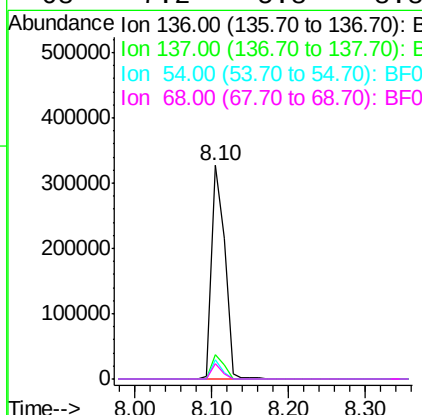
Instrument :
BNA_F
ClientSampleId :
14

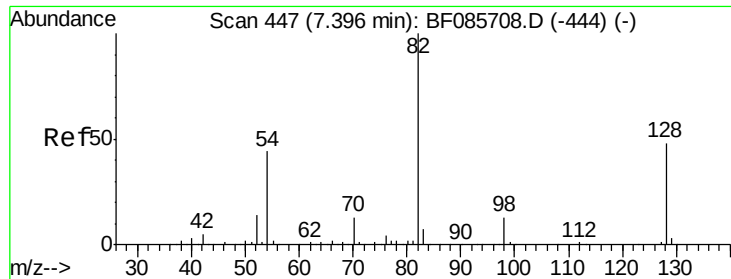
Tgt Ion:	70	Resp:	86158
Ion	Ratio	Lower	Upper
70	100		
42	34.5	37.1	55.7#
101	0.0	8.6	12.8#
130	2.7	19.6	29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF085778.D
Acq: 25 Mar 2016 23:10

Tgt Ion:	136	Resp:	387210
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.8	7.4	11.0
68	7.2	5.8	8.8

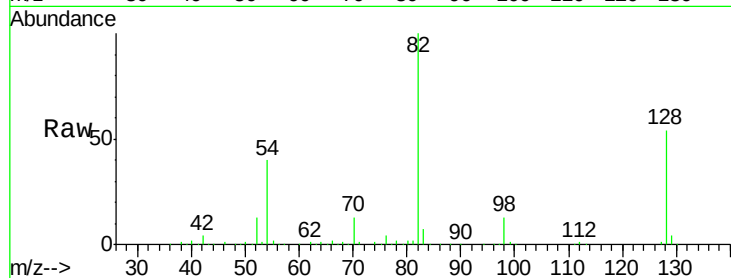




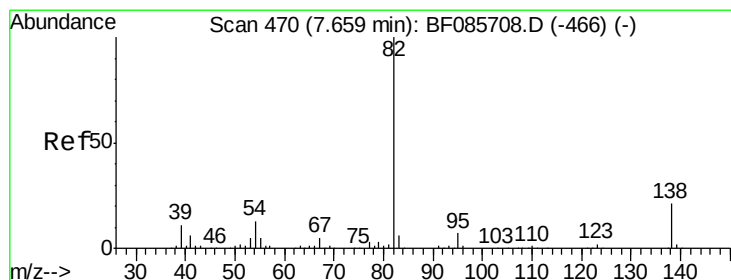
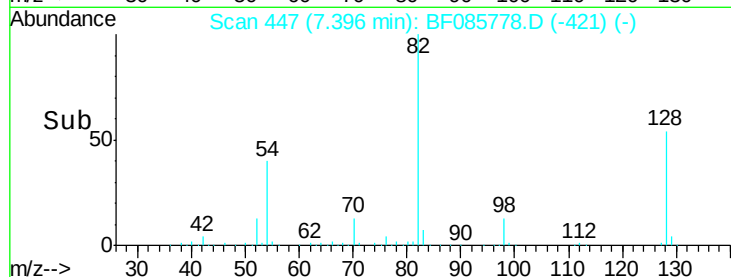
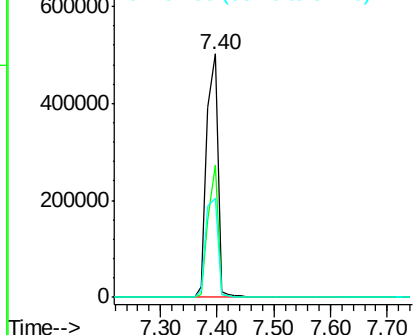
#23
 Nitrobenzene-d5
 Concen: 94.80 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 14

Tgt Ion: 82 Resp: 651814
 Ion Ratio Lower Upper
 82 100
 128 54.2 41.8 62.8
 54 40.5 33.4 50.0

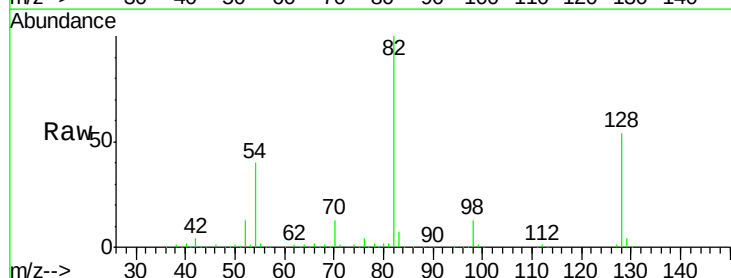


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

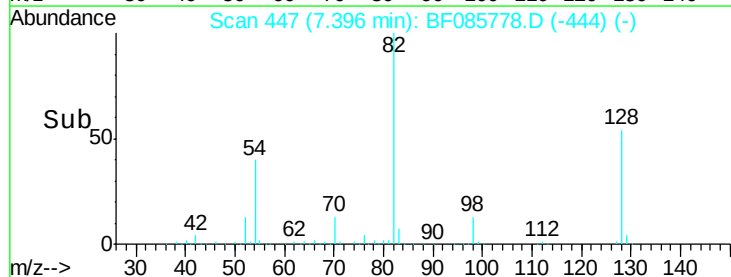
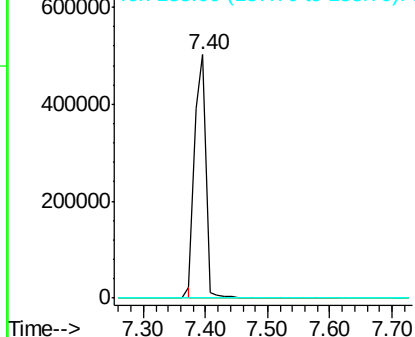


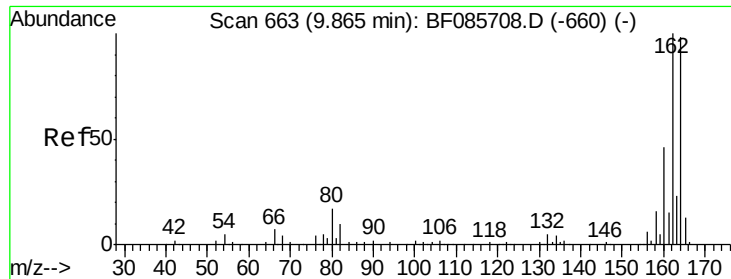
#25
 Isophorone
 Concen: 47.68 ng
 RT: 7.40 min Scan# 447
 Delta R.T. -0.26 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Tgt Ion: 82 Resp: 631541
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF085778.D

Acq: 25 Mar 2016 23:10

Instrument :

BNA_F

ClientSampleId :

14

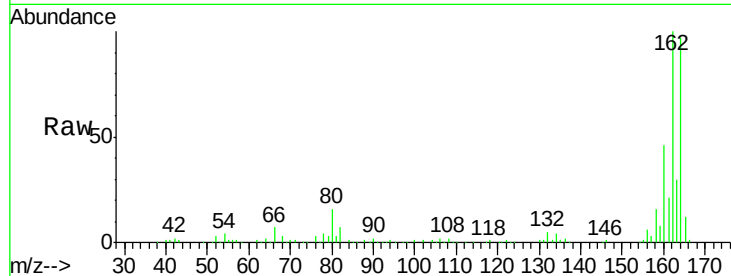
Tgt Ion:164 Resp: 157912

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

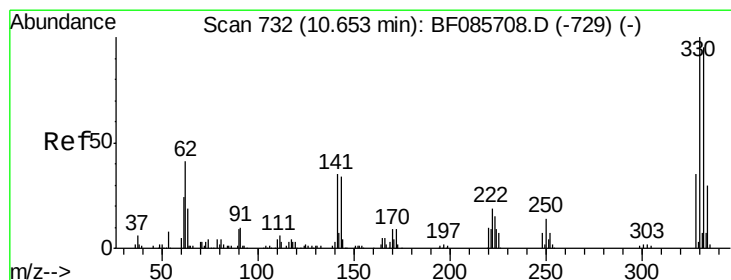
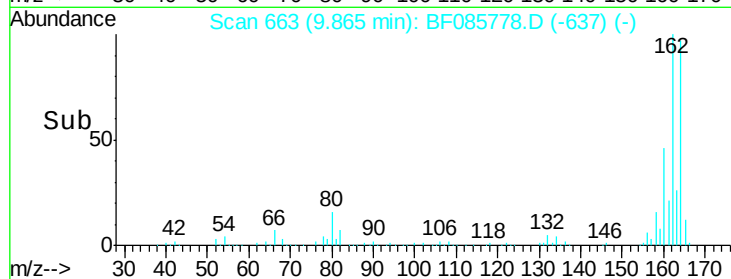
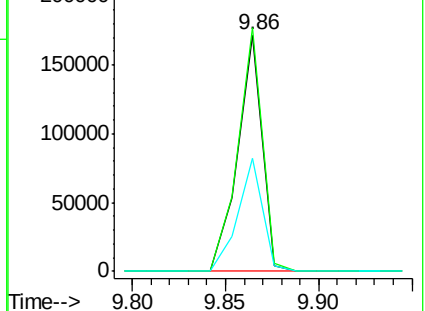
160 47.9 37.4 56.2



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: 113.61 ng

RT: 10.65 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF085778.D

Acq: 25 Mar 2016 23:10

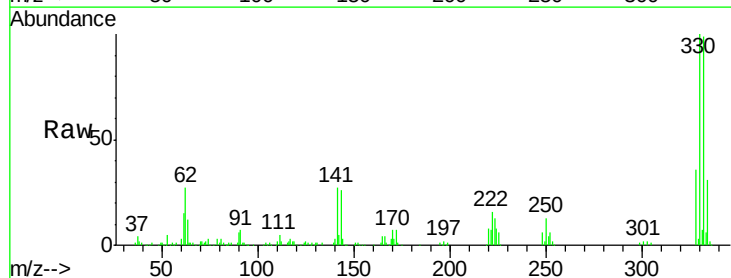
Tgt Ion:330 Resp: 170458

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.2

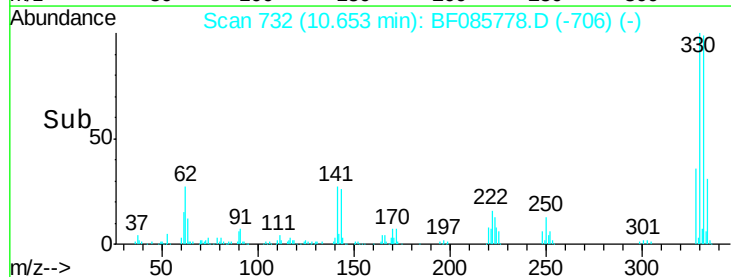
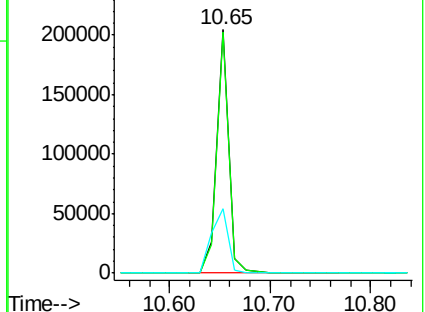
141 37.9 31.5 47.3

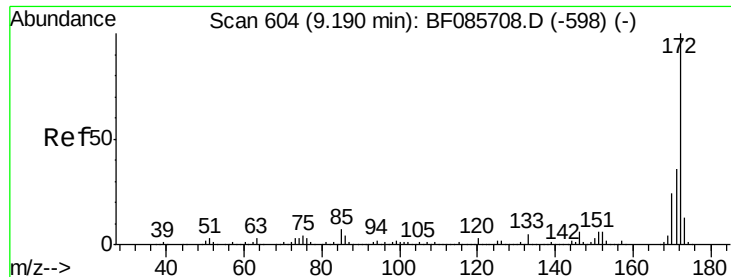


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

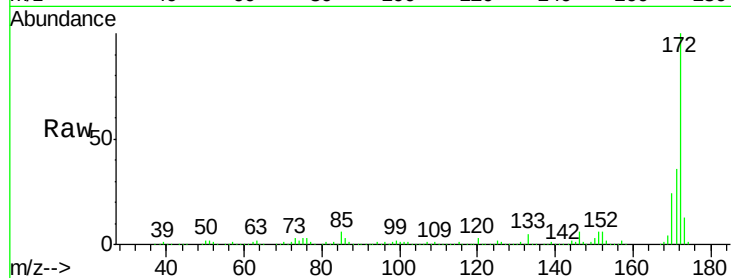




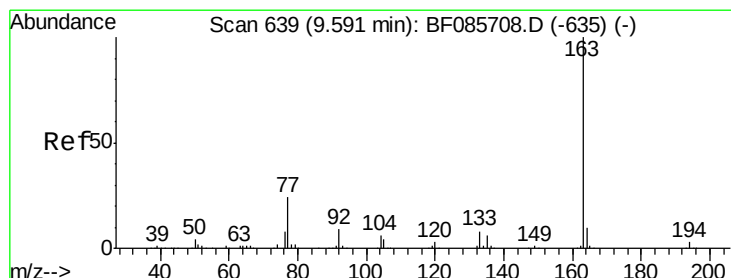
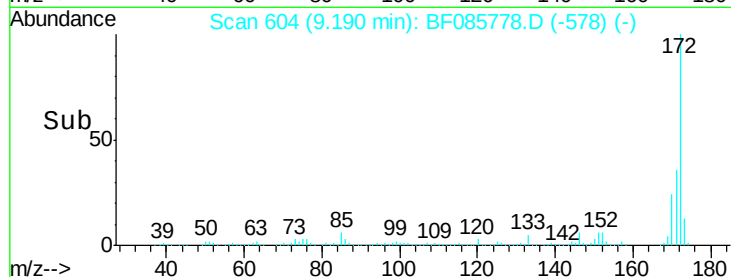
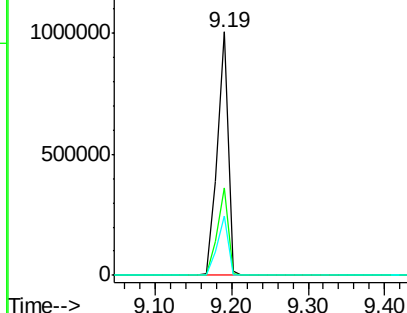
#44
 2-Fluorobiphenyl
 Concen: 103.90 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:172 Resp: 982038
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.3 19.8 29.6

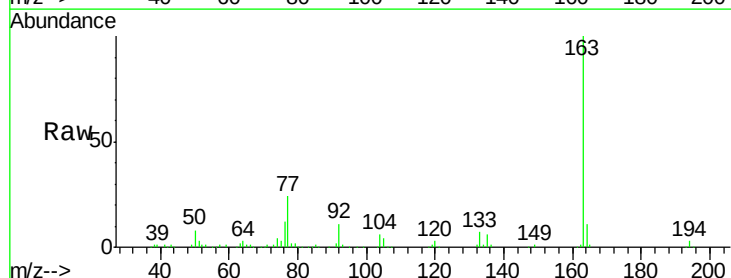


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

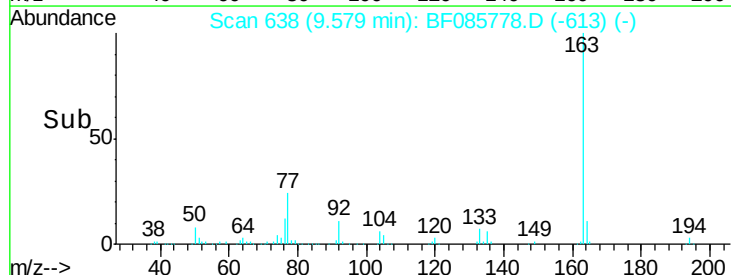
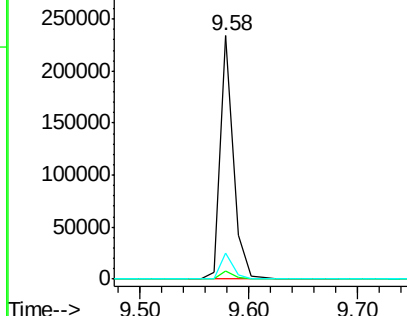


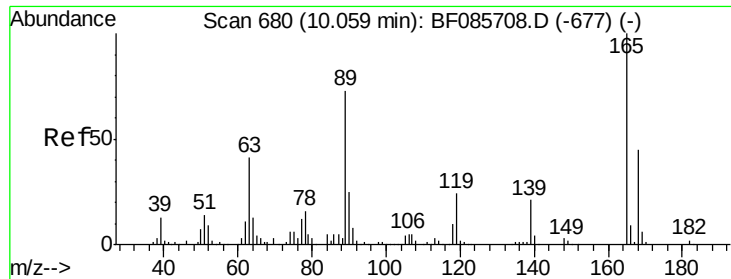
#49
 Dimethylphthalate
 Concen: 16.52 ng
 RT: 9.58 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Tgt Ion:163 Resp: 197969
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 10.5 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

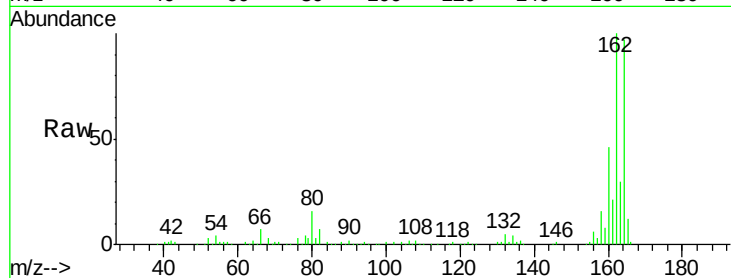




#56
 2,4-Dinitrotoluene
 Concen: 6.14 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.19 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	24.9	37.3#
89	2.0	41.0	61.6#
182	0.0	2.1	3.1#

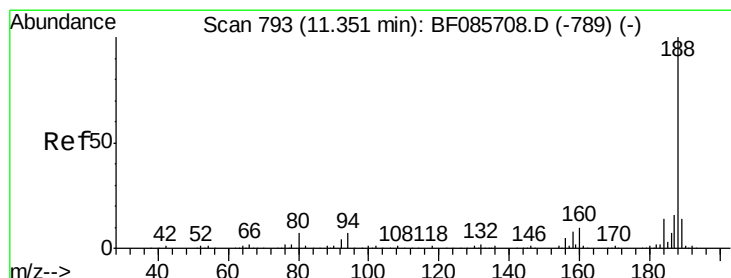
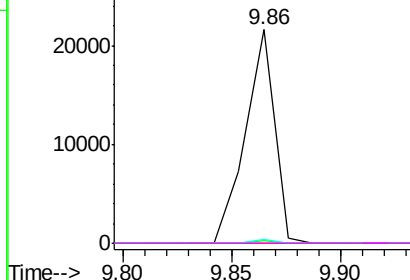
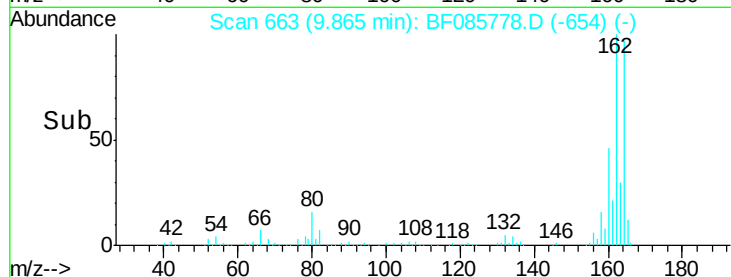


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

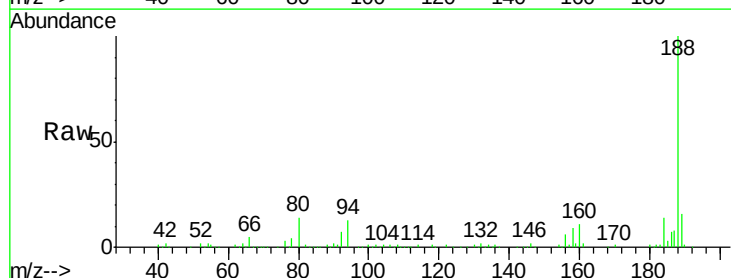
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

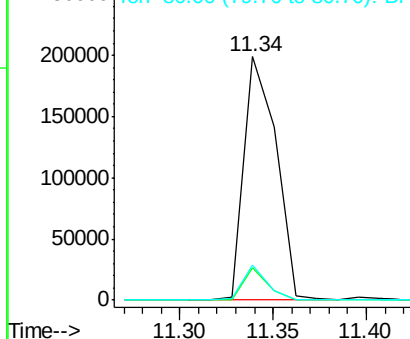
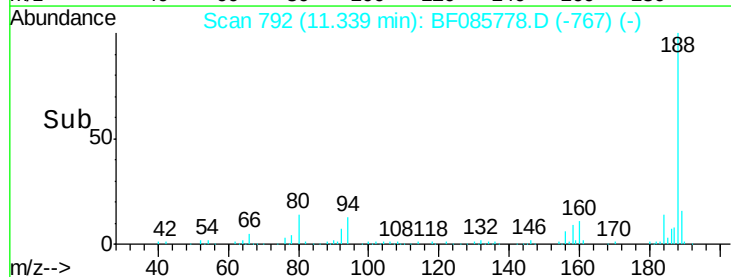
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.2	5.4	8.0#
80	14.5	5.5	8.3#

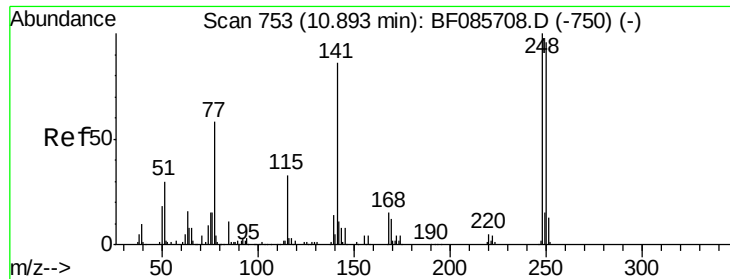


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

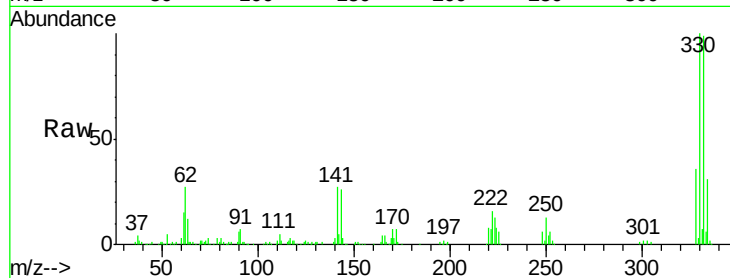




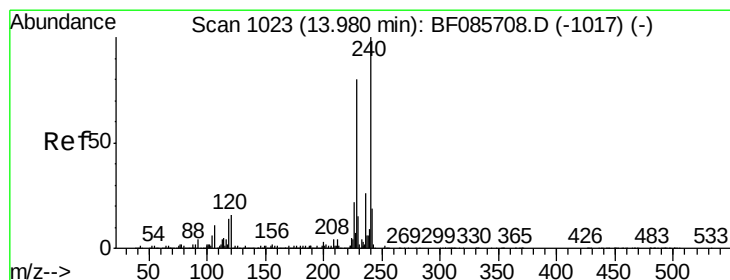
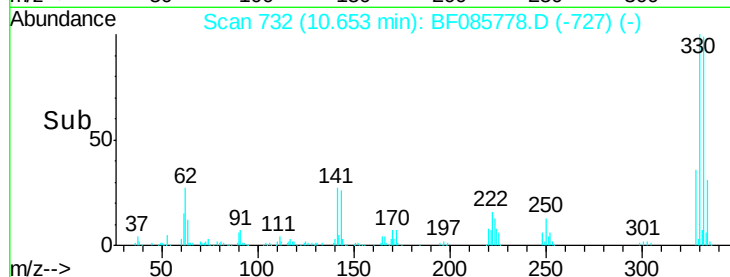
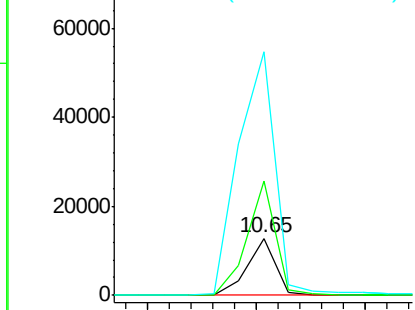
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.24 min
Lab File: BF085778.D
Acq: 25 Mar 2016 23:10

Instrument :
BNA_F
ClientSampleId :
14

Tgt Ion:248 Resp: 11315
Ion Ratio Lower Upper
248 100
250 201.4 77.4 116.0#
141 428.0 63.6 95.4#

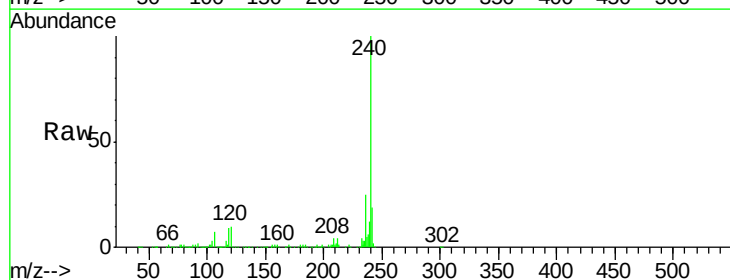


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

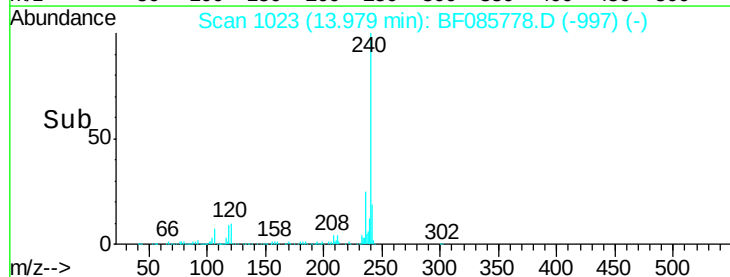
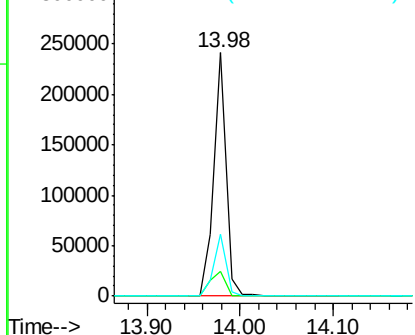


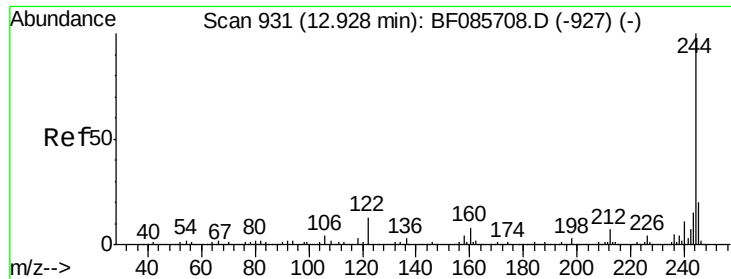
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF085778.D
Acq: 25 Mar 2016 23:10

Tgt Ion:240 Resp: 222596
Ion Ratio Lower Upper
240 100
120 10.0 13.8 20.8#
236 25.3 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

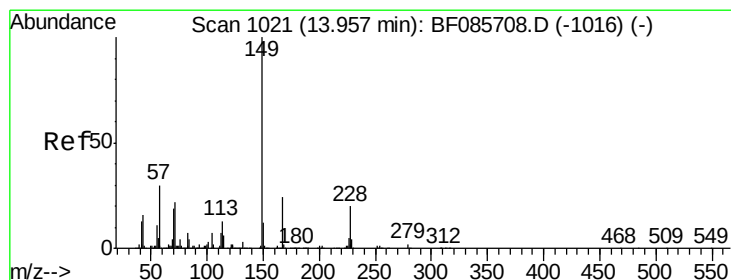
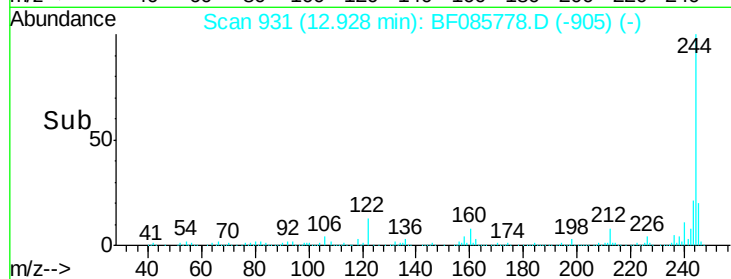
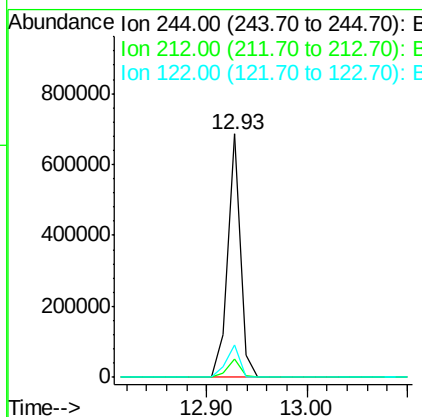
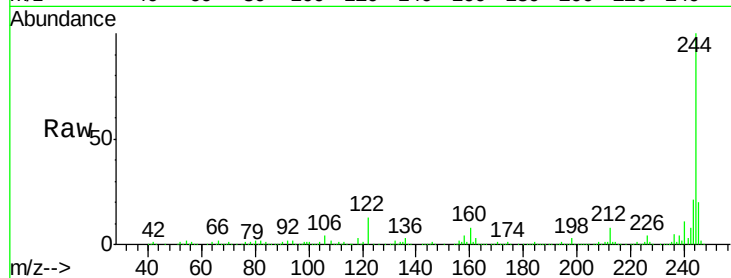




#78
 Terphenyl-d14
 Concen: 55.48 ng
 RT: 12.93 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

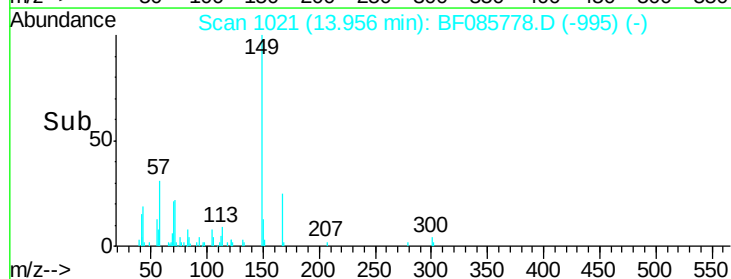
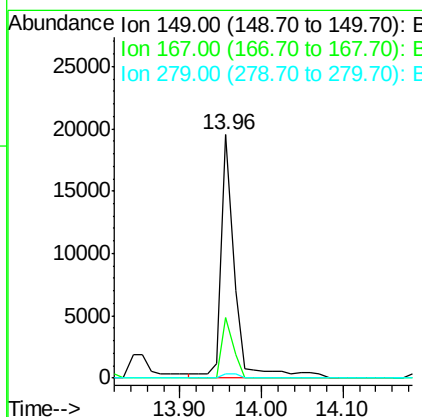
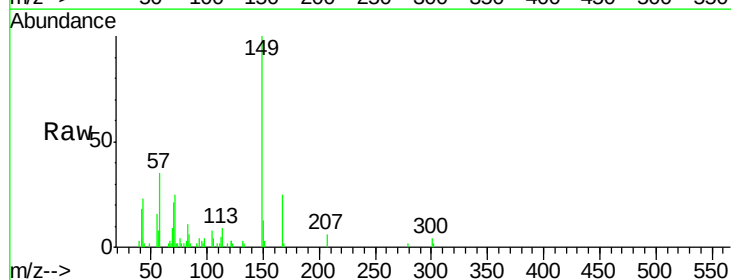
Instrument :
 BNA_F
 ClientSampleId :
 14

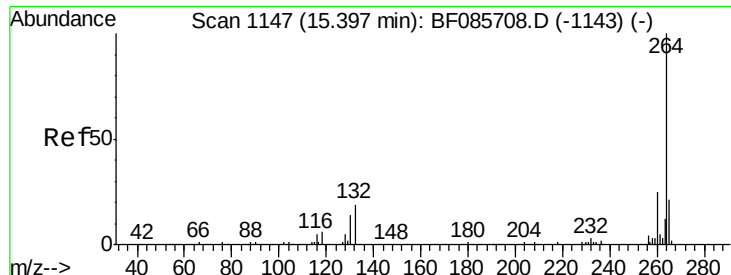
Tgt Ion:244 Resp: 600539
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.1 10.2 15.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.46 ng
 RT: 13.96 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Tgt Ion:149 Resp: 22564
 Ion Ratio Lower Upper
 149 100
 167 24.9 19.4 29.2
 279 2.0 1.5 2.3

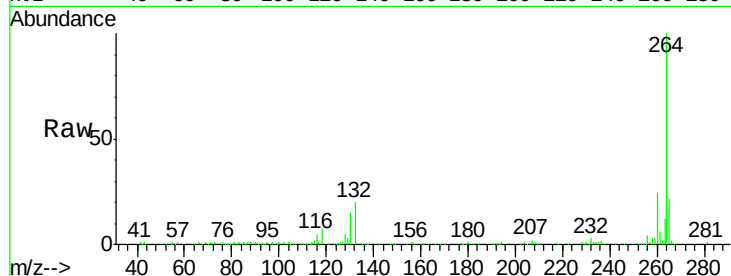




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.00 min
 Lab File: BF085778.D
 Acq: 25 Mar 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 14

Tgt Ion: 264 Resp: 184254
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.9 17.2 25.8



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

