

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085576.D
 Acq On : 19 Mar 2016 16:46
 Operator : UM/SJ
 Sample : H1788-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Quant Time: Mar 20 23:59:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

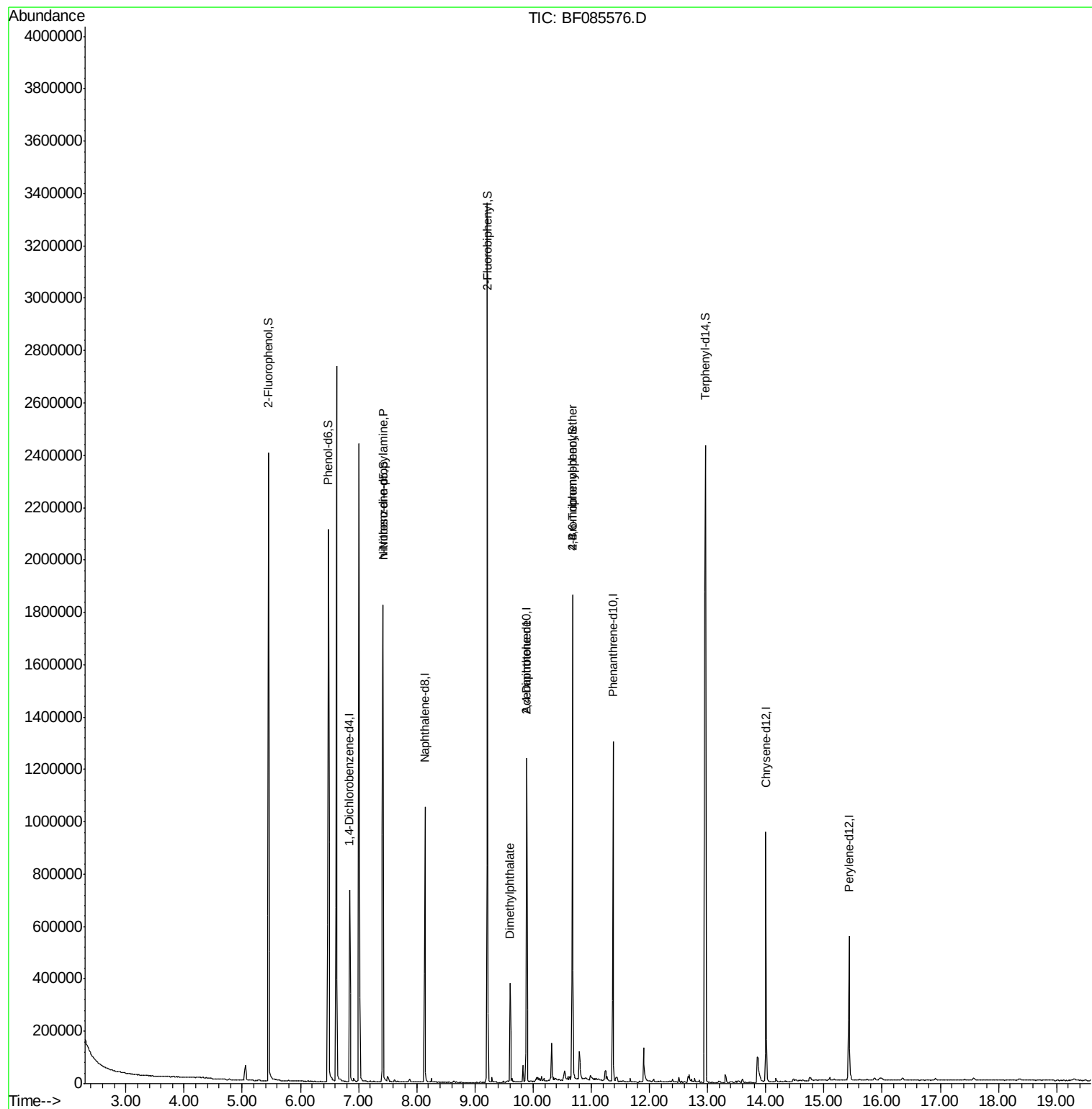
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127674	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532413	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	236415	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	459884	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	308596	20.00	ng	-0.01
86) Perylene-d12	15.43	264	236207	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	767640	100.99	ng	0.00
7) Phenol-d6	6.48	99	1012726	103.88	ng	-0.01
23) Nitrobenzene-d5	7.42	82	717372	78.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	231624	100.02	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1033908	71.73	ng	-0.01
78) Terphenyl-d14	12.96	244	1047590	81.69	ng	0.00
Target Compounds						
9) Benzaldehyde	6.48	77	1316	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.42	70	94253	16.19 ng	#	75
49) Dimethylphthalate	9.60	163	178060	9.98 ng		99
56) 2,4-Dinitrotoluene	9.89	165	30830	6.25 ng	#	37
66) 4-Bromophenyl-phenylether	10.68	248	15047	3.28 ng	#	1

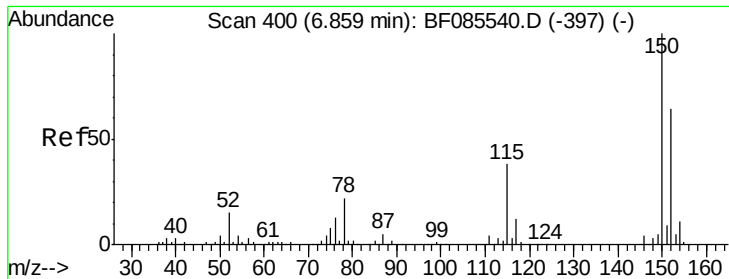
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

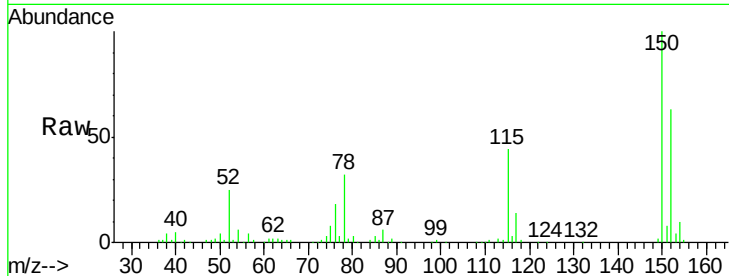
Tgt Ion:152 Resp: 127674

Ion Ratio Lower Upper

152 100

150 159.8 124.2 186.2

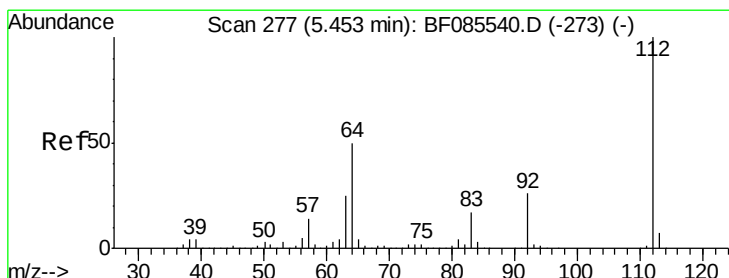
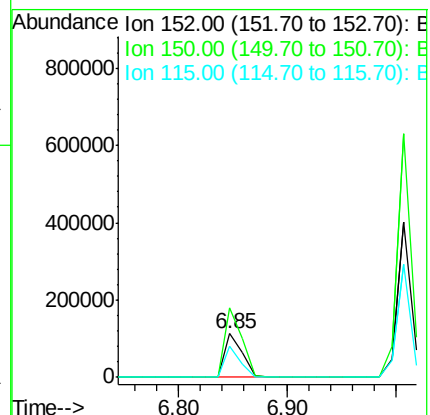
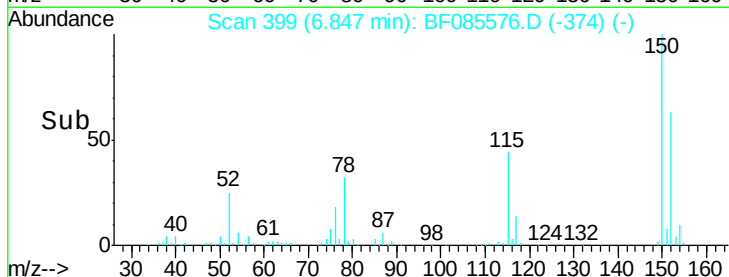
115 70.9 47.0 70.6#



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: 100.99 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

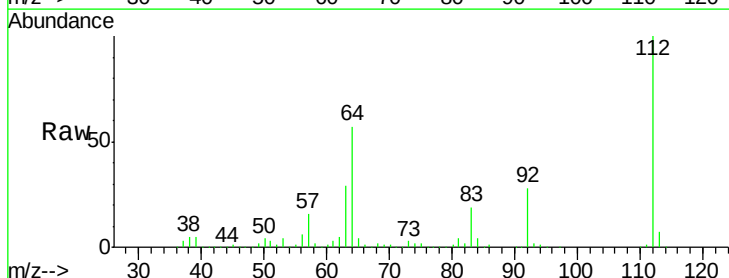
Tgt Ion:112 Resp: 767640

Ion Ratio Lower Upper

112 100

64 57.1 39.9 59.9

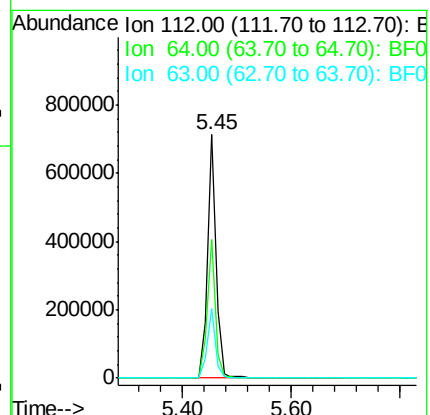
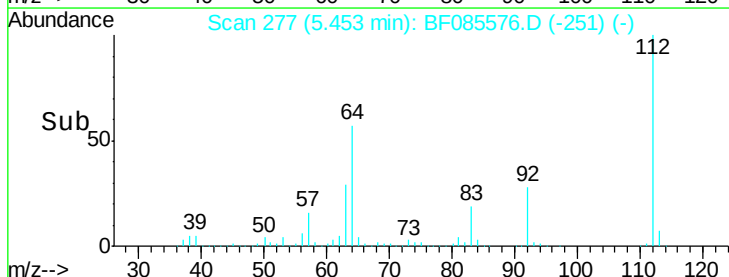
63 28.6 20.2 30.2

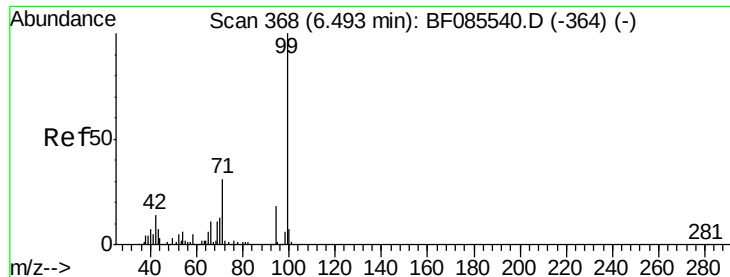


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.88 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Instrument :

BNA_F

ClientSampleId :

SB-1(8-9)

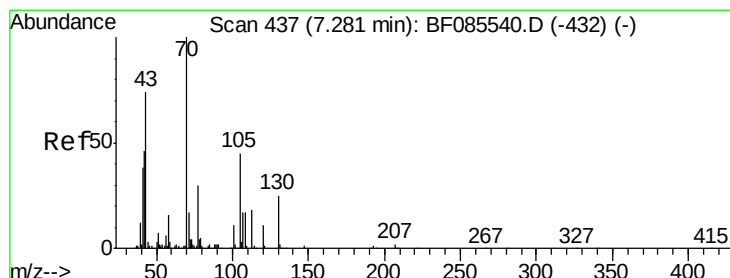
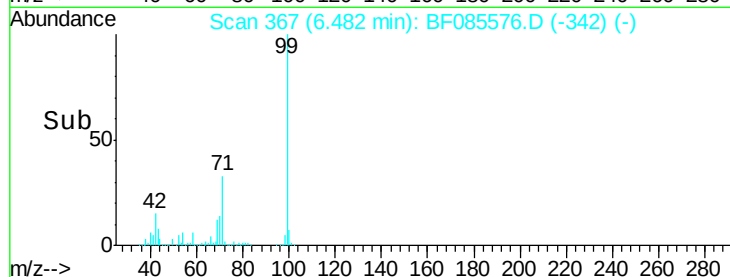
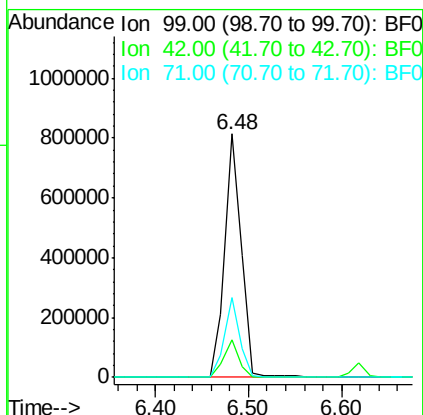
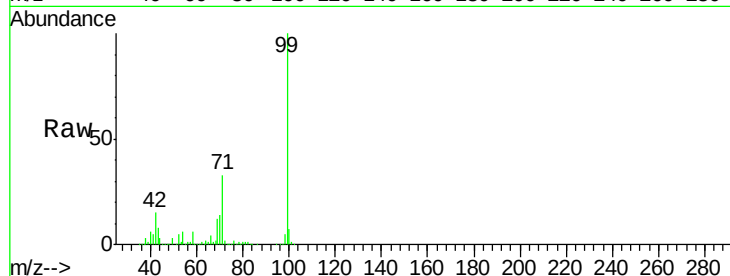
Tgt Ion: 99 Resp: 1012726

Ion Ratio Lower Upper

99 100

42 15.5 11.1 16.7

71 32.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.19 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085576.D

Acq: 19 Mar 2016 16:46

Tgt Ion: 70 Resp: 94253

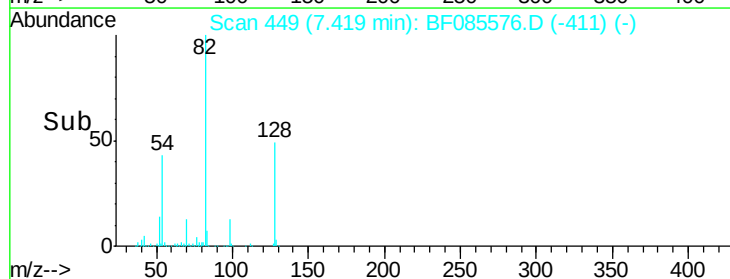
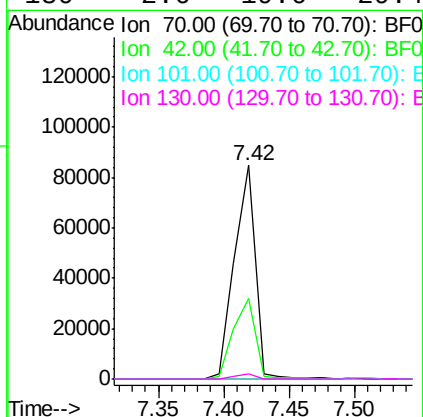
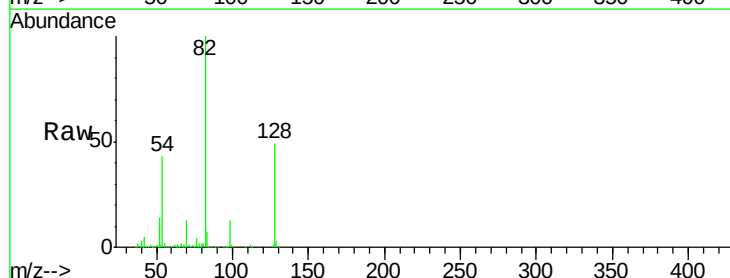
Ion Ratio Lower Upper

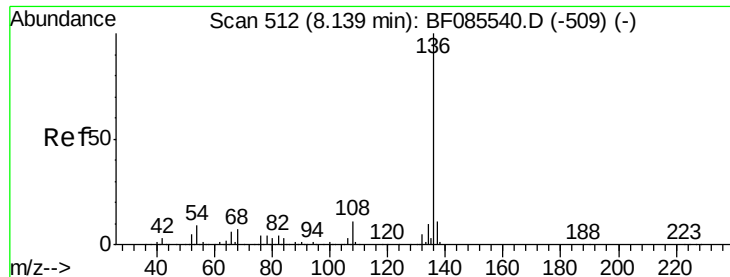
70 100

42 37.5 37.1 55.7

101 0.0 8.6 12.8#

130 2.6 19.6 29.4#

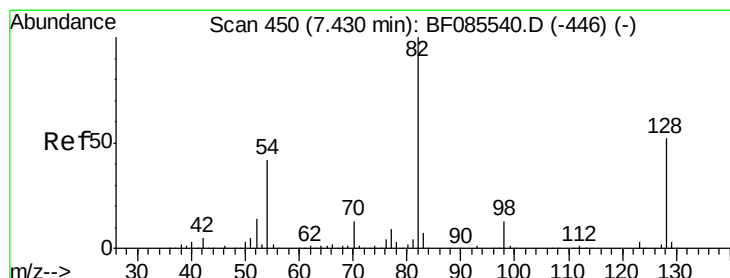
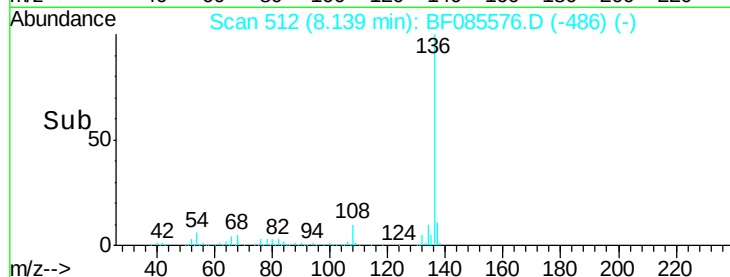
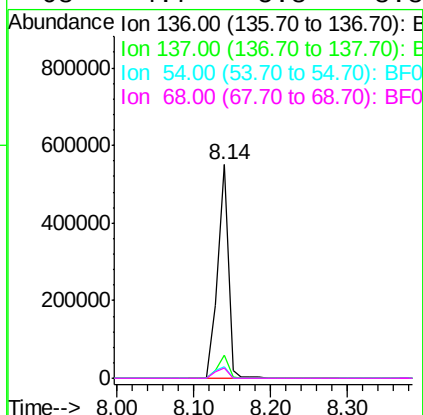
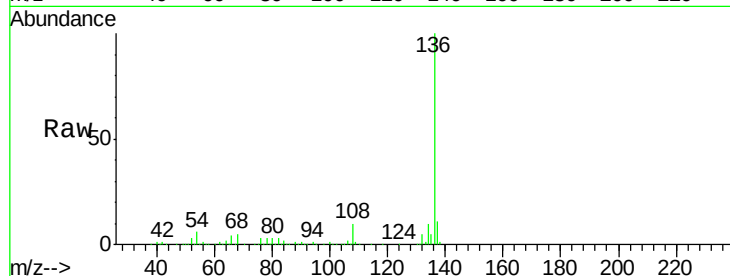




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

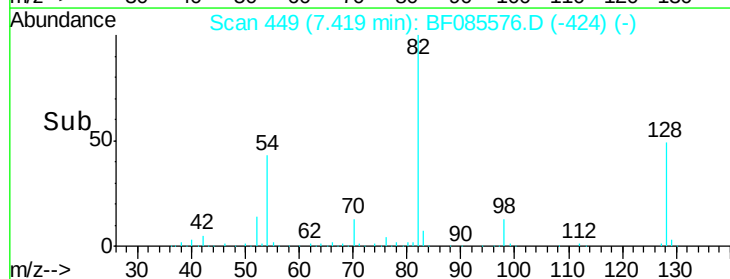
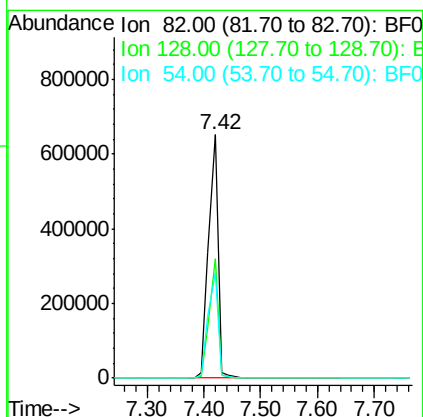
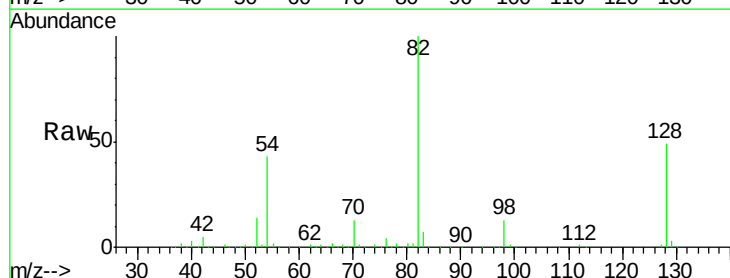
Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

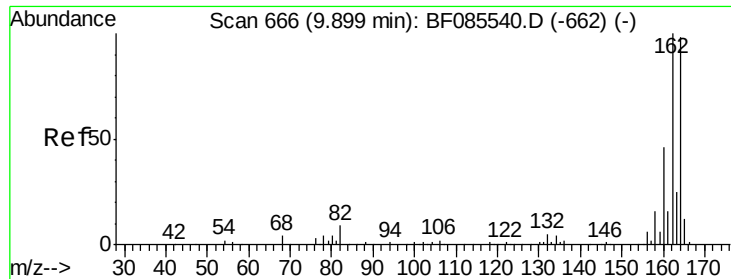
Tgt Ion:	136	Resp:	532413
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	5.5	7.4	11.0#
68	4.7	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 78.21 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

Tgt Ion:	82	Resp:	717372
Ion	Ratio	Lower	Upper
82	100		
128	49.0	41.8	62.8
54	43.2	33.4	50.0

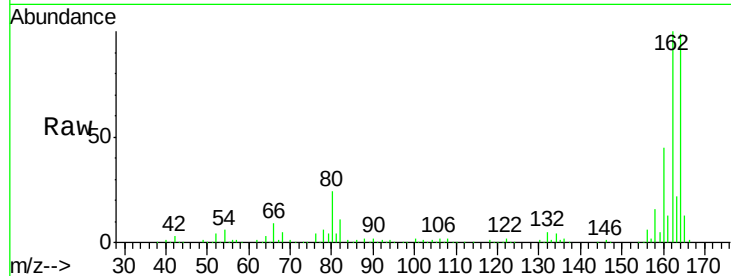




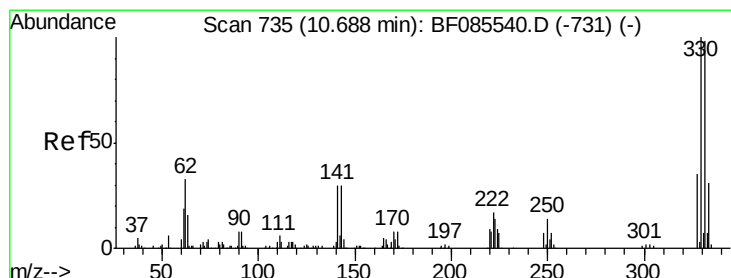
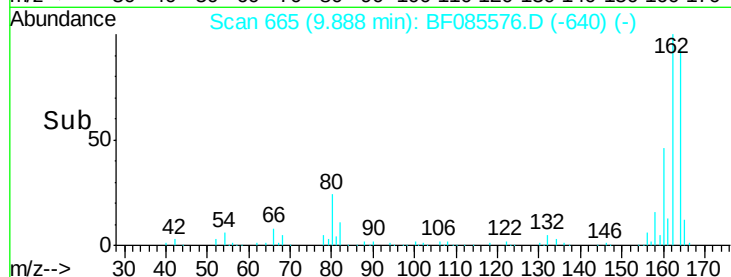
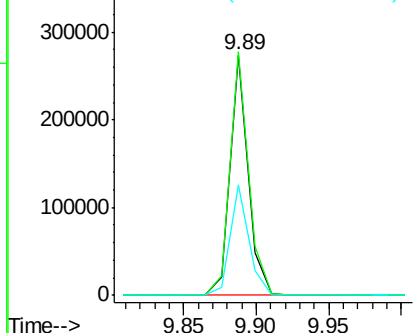
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Tgt Ion:164 Resp: 236415
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.1 123.1
 160 46.0 37.4 56.2

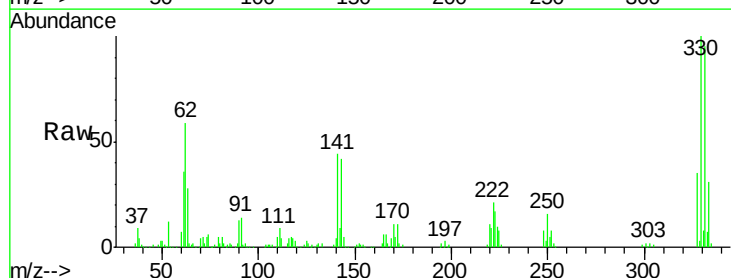


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

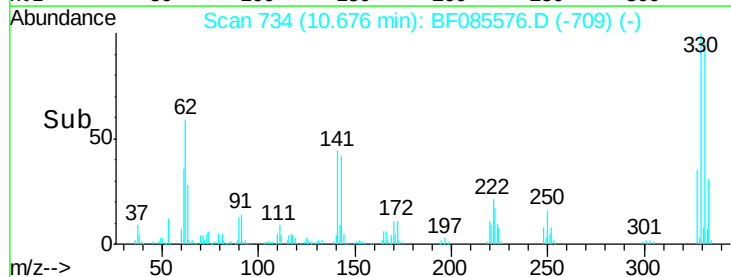
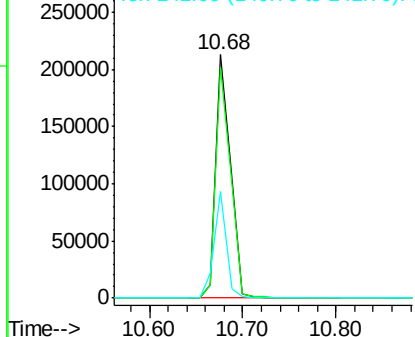


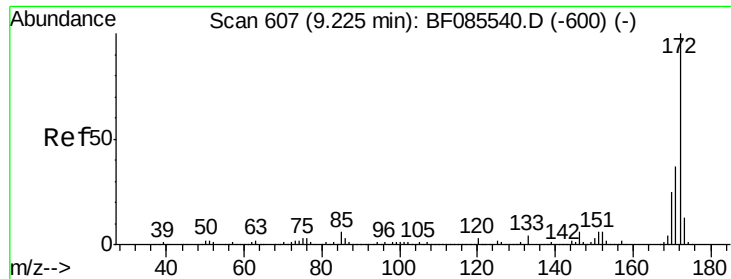
#41
 2,4,6-Tribromophenol
 Concen: 100.02 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Tgt Ion:330 Resp: 231624
 Ion Ratio Lower Upper
 330 100
 332 95.4 78.2 117.2
 141 37.4 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

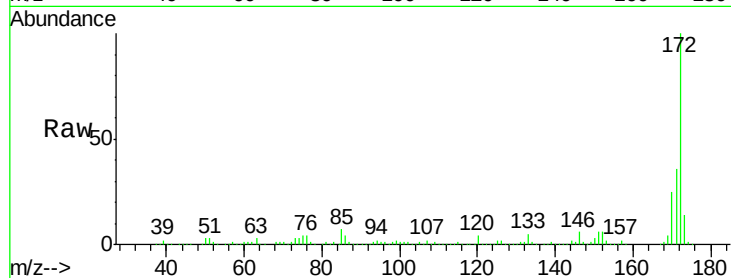




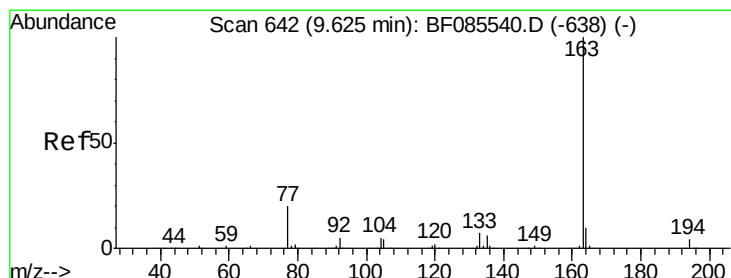
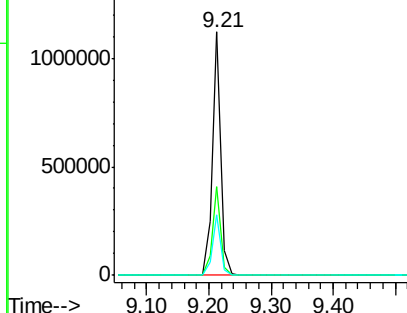
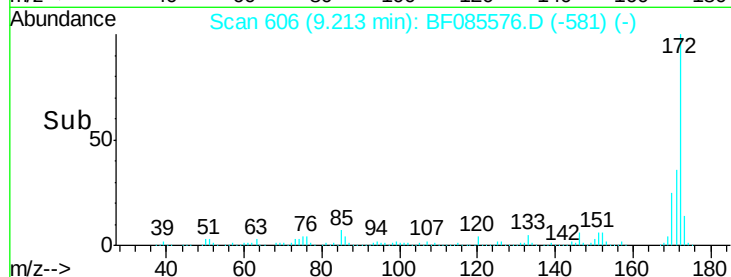
#44
2-Fluorobiphenyl
Concen: 71.73 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

Instrument :
BNA_F
ClientSampled :
SB-1(8-9)

Tgt Ion:172 Resp: 1033908
Ion Ratio Lower Upper
172 100
171 36.5 29.4 44.2
170 24.8 19.8 29.6

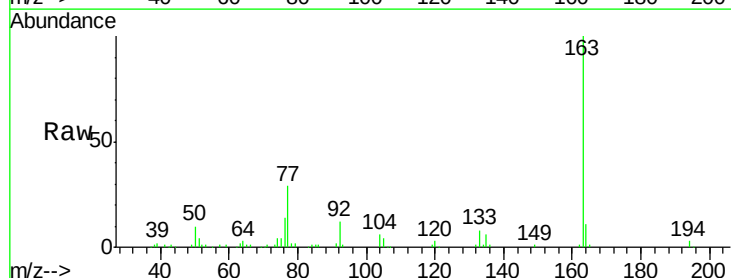


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

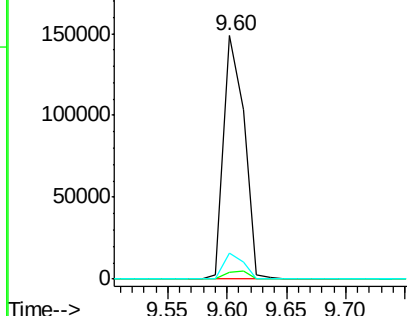
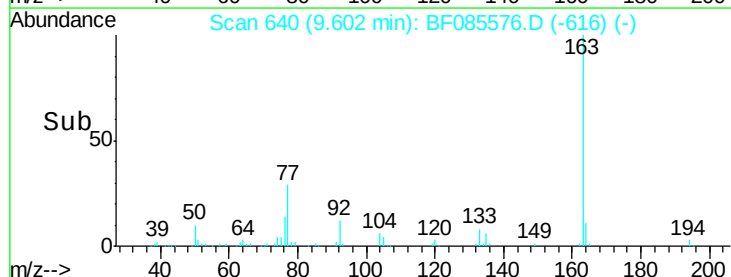


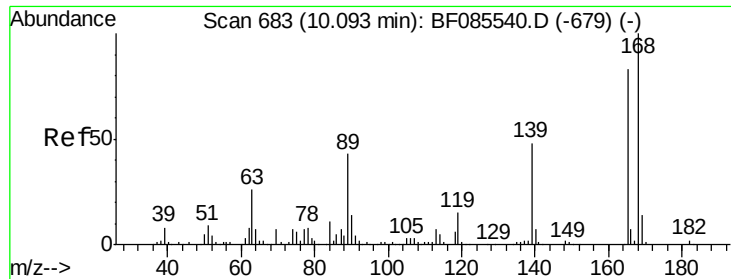
#49
Dimethylphthalate
Concen: 9.98 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

Tgt Ion:163 Resp: 178060
Ion Ratio Lower Upper
163 100
194 3.0 2.9 4.3
164 10.9 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

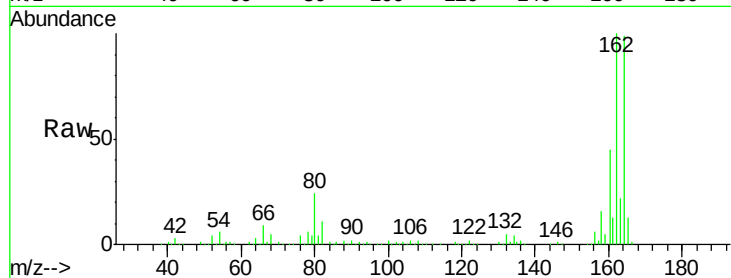




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.21 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Tgt Ion:	165	Resp:	30830
Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.9	37.3#
89	1.5	41.0	61.6#
182	0.0	2.1	3.1#

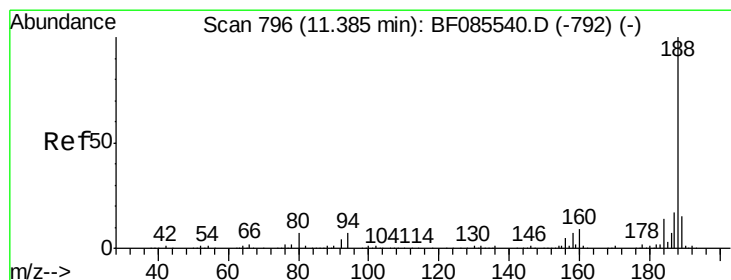
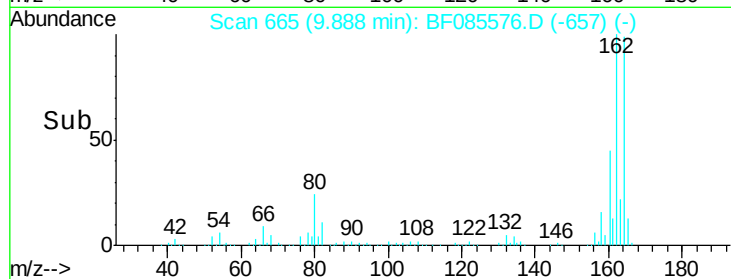
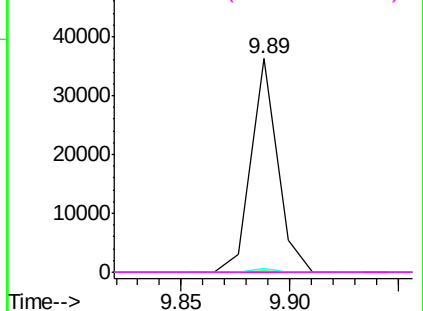


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

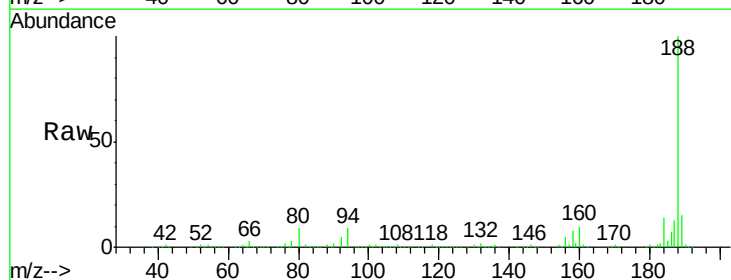
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

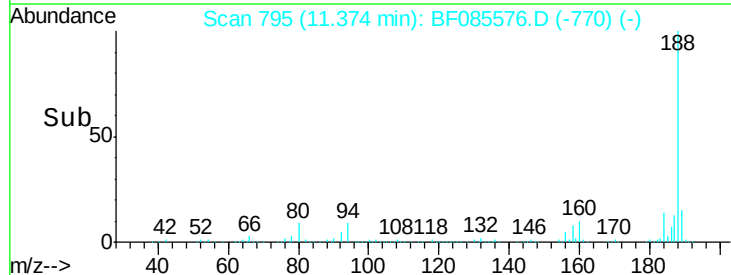
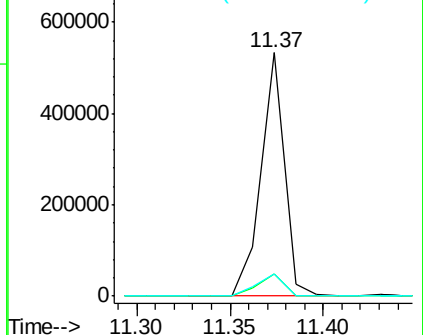
Tgt Ion:	188	Resp:	459884
Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.4	8.0#
80	9.3	5.5	8.3#

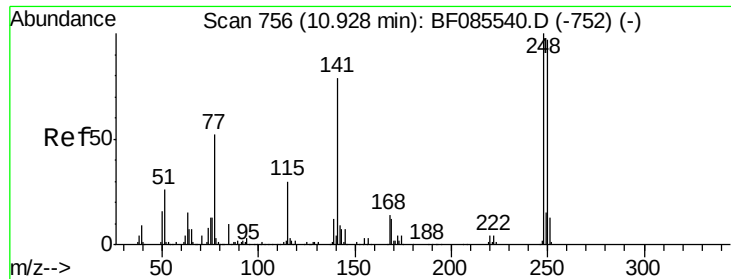


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

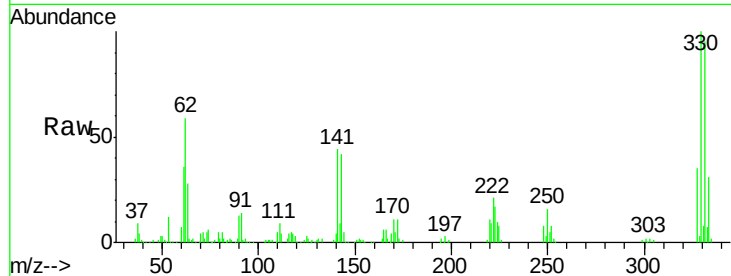




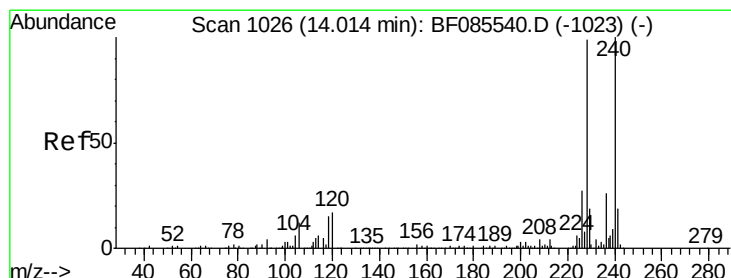
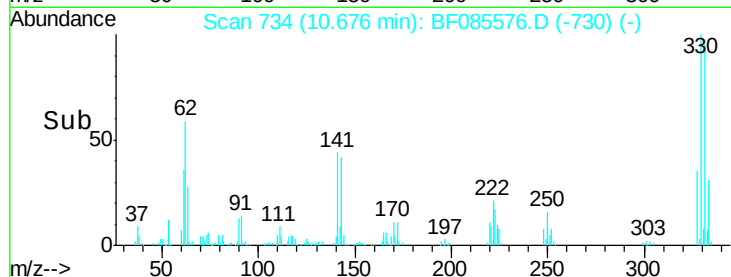
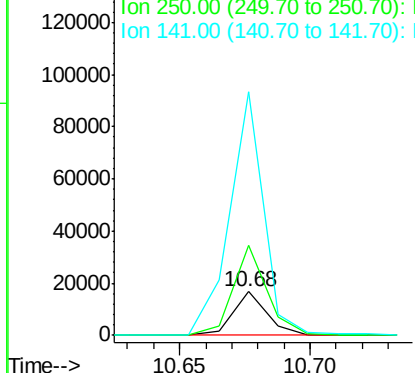
#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.25 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

Instrument :
BNA_F
ClientSampleId :
SB-1(8-9)

Tgt Ion:248 Resp: 15047
Ion Ratio Lower Upper
248 100
250 206.1 77.4 116.0#
141 561.1 63.6 95.4#

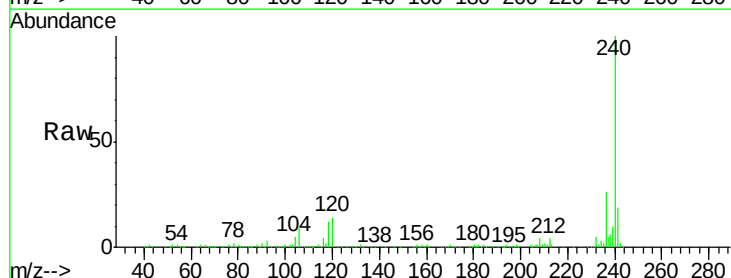


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

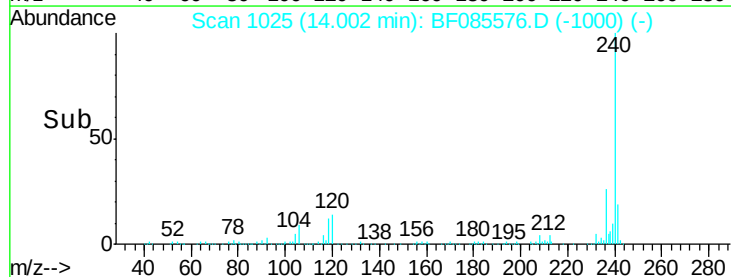
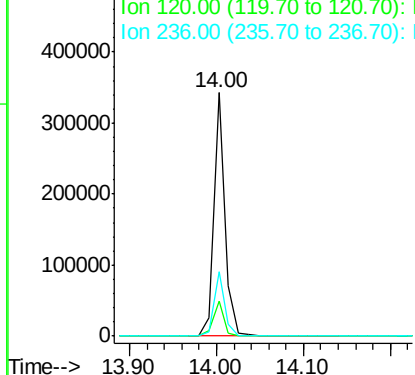


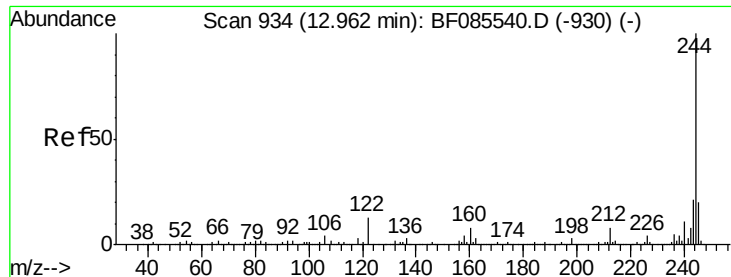
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085576.D
Acq: 19 Mar 2016 16:46

Tgt Ion:240 Resp: 308596
Ion Ratio Lower Upper
240 100
120 14.5 13.8 20.8
236 26.2 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

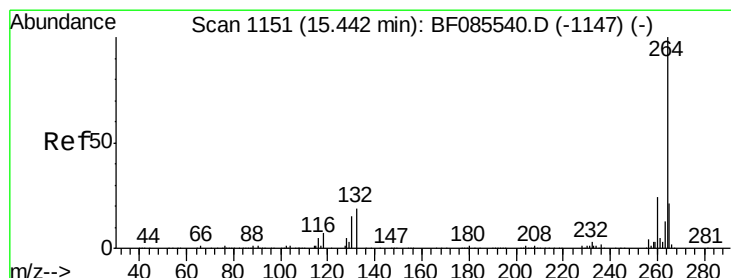
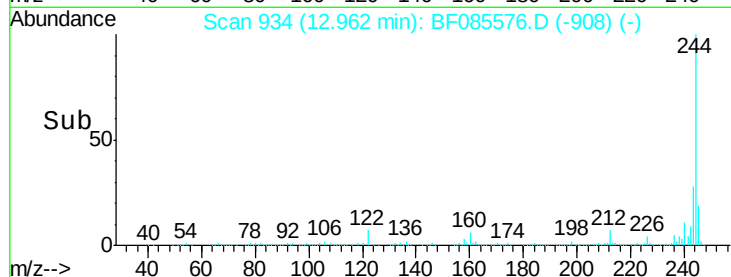
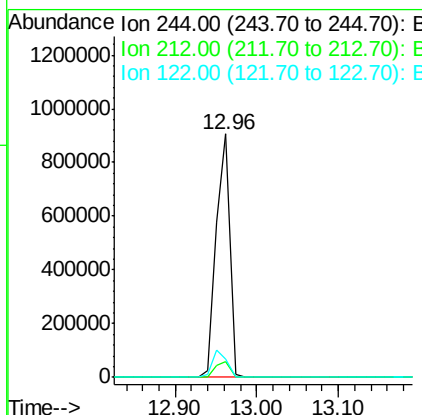
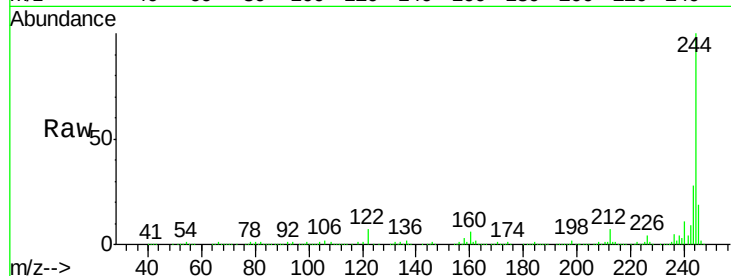




#78
 Terphenyl-d14
 Concen: 81.69 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(8-9)

Tgt Ion:244 Resp: 1047590
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 7.4 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085576.D
 Acq: 19 Mar 2016 16:46

Tgt Ion:264 Resp: 236207
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.8 17.2 25.8

