

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085690.D
 Acq On : 23 Mar 2016 6:56
 Operator : UM/SJ
 Sample : H1857-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(13-15)

Quant Time: Mar 23 06:18:53 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

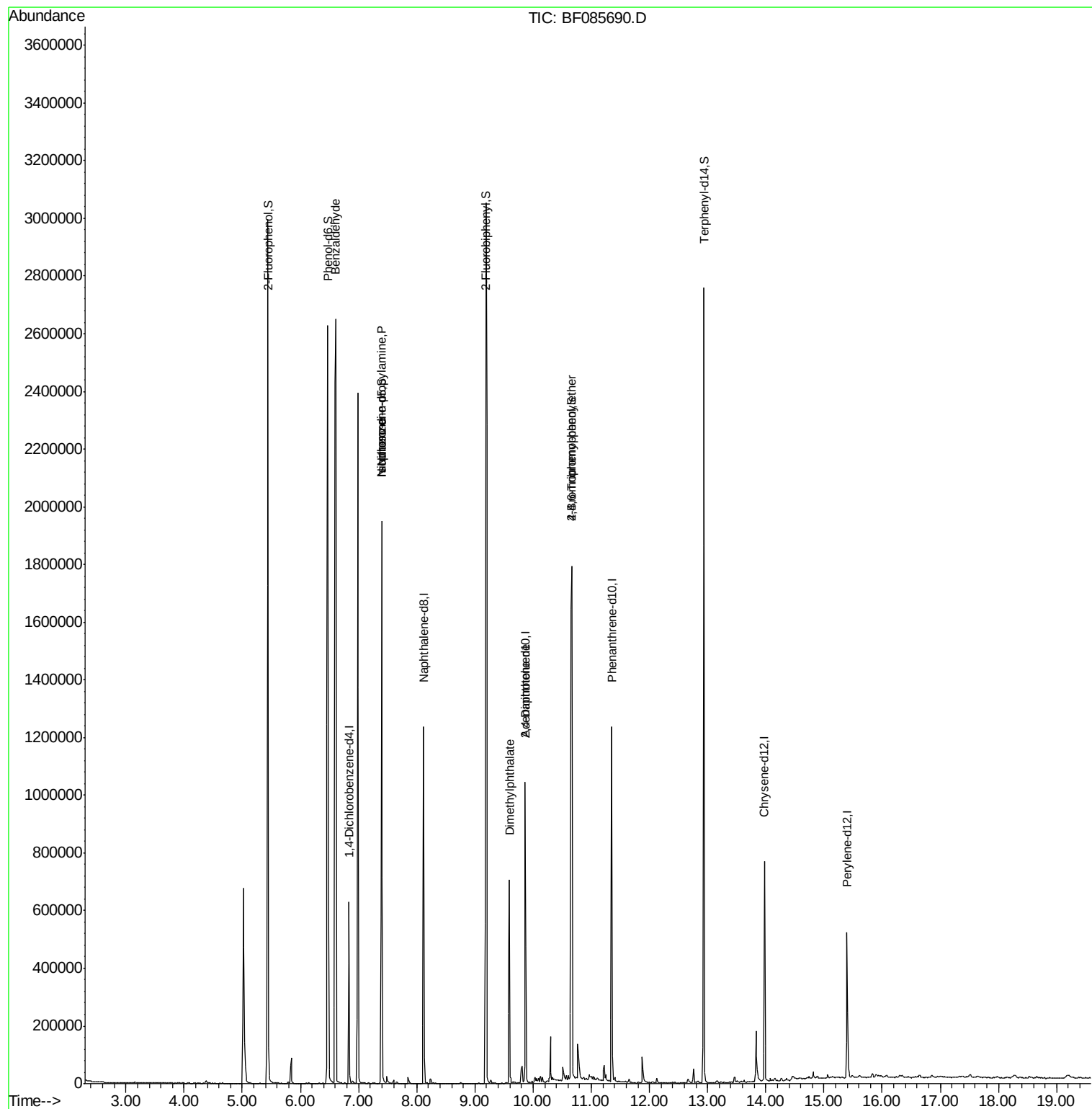
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126071	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	532230	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	229407	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	421014	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	243282	20.00	ng	-0.03
86) Perylene-d12	15.40	264	224170	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1049471	139.82	ng	-0.01
7) Phenol-d6	6.47	99	1244884	129.32	ng	-0.02
23) Nitrobenzene-d5	7.40	82	807457	88.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	379912	169.06	ng	-0.02
44) 2-Fluorobiphenyl	9.19	172	1426361	116.89	ng	-0.03
78) Terphenyl-d14	12.94	244	1110633	109.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.61	77	24043	3.01	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.40	70	105144	18.28	ng	# 78
25) Isophorone	7.40	82	660438	35.98	ng	# 68
49) Dimethylphthalate	9.59	163	310987	17.96	ng	99
56) 2,4-Dinitrotoluene	9.86	165	29085	6.08	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	23419	5.57	ng	# 1

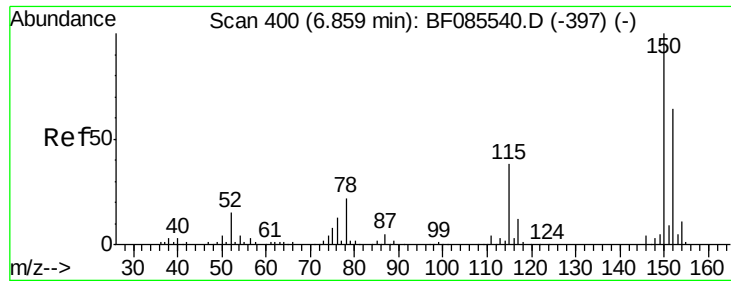
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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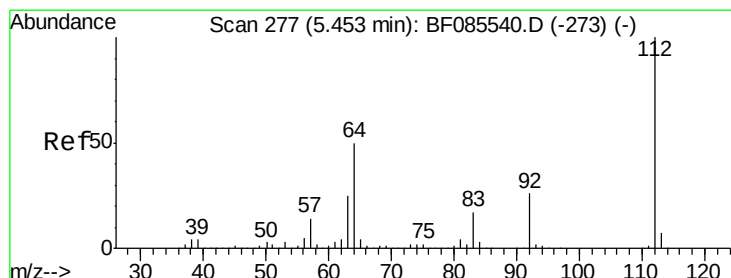
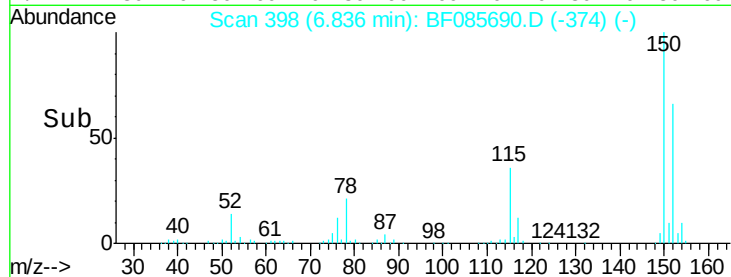
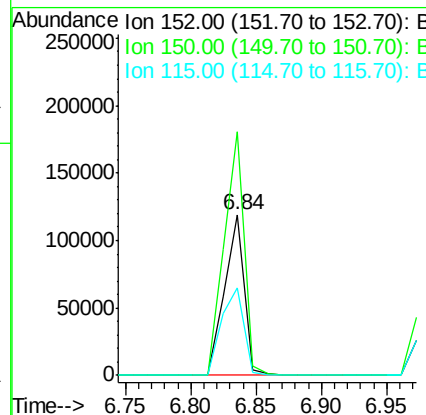
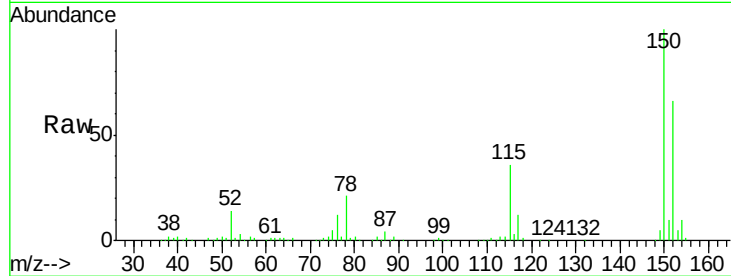


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(13-15)

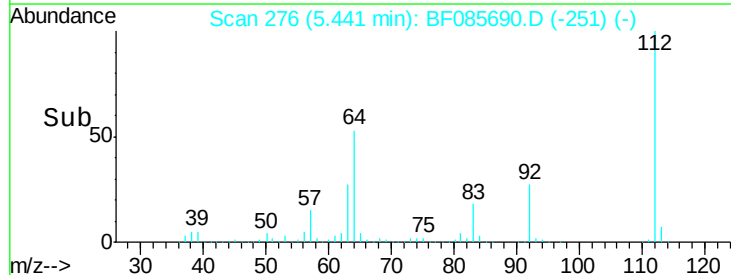
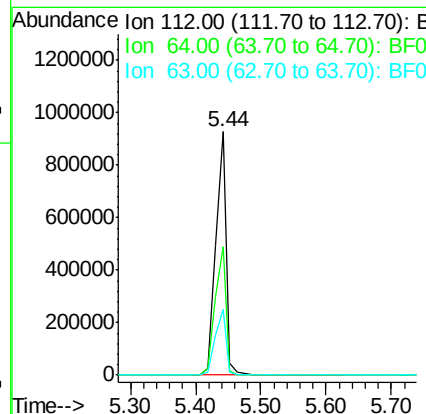
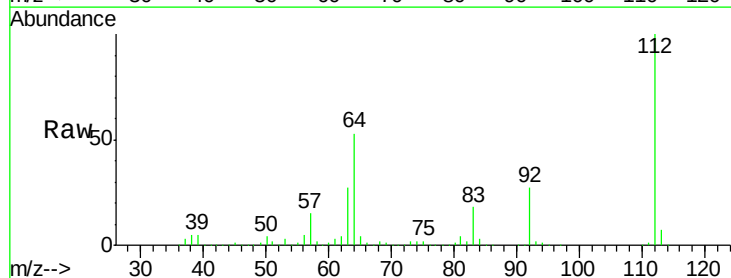
Tgt Ion:152 Resp: 126071
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.2 186.2
 115 54.2 47.0 70.6

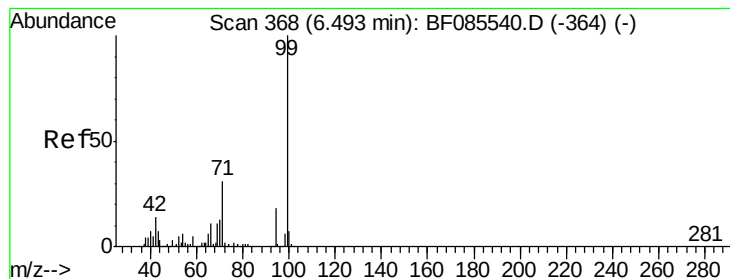


#5

2-Fluorophenol
 Concen: 139.82 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.01 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Tgt Ion:112 Resp: 1049471
 Ion Ratio Lower Upper
 112 100
 64 52.8 39.9 59.9
 63 26.8 20.2 30.2





#7

Phenol-d6

Concen: 129.32 ng

RT: 6.47 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF085690.D

Acq: 23 Mar 2016 6:56

Instrument :

BNA_F

ClientSampleId :

SB-01(13-15)

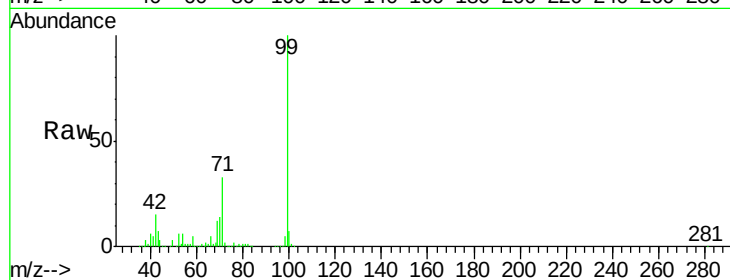
Tgt Ion: 99 Resp: 1244884

Ion Ratio Lower Upper

99 100

42 15.1 11.1 16.7

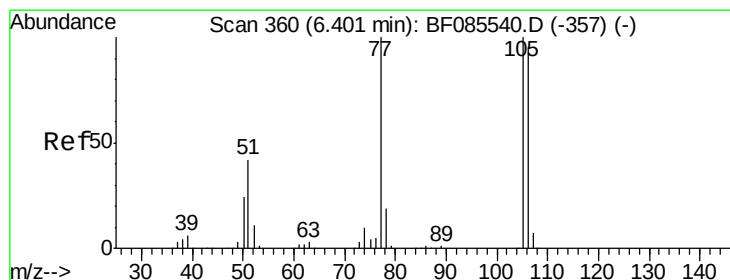
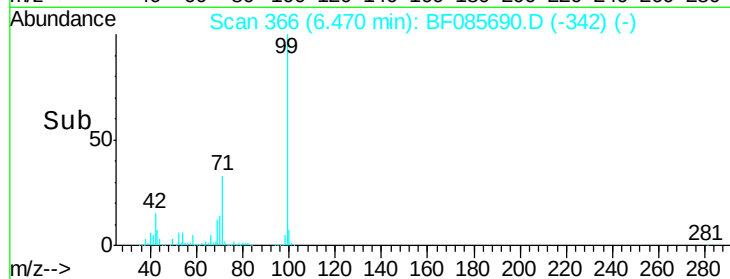
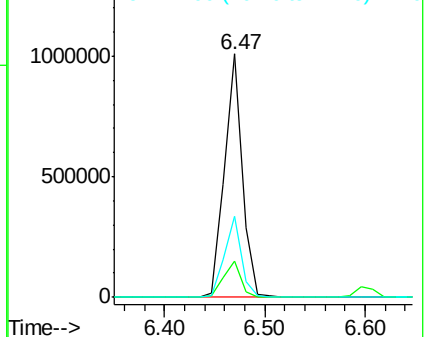
71 33.5 24.9 37.3



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: 3.01 ng

RT: 6.61 min Scan# 378

Delta R.T. 0.21 min

Lab File: BF085690.D

Acq: 23 Mar 2016 6:56

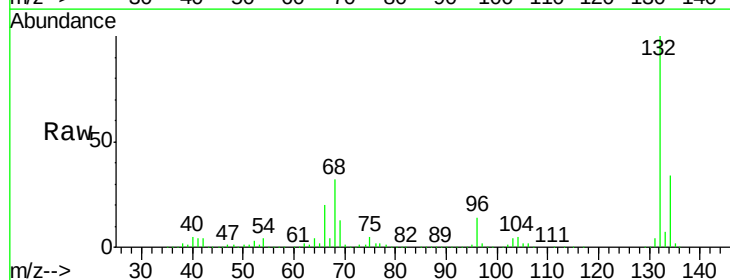
Tgt Ion: 77 Resp: 24043

Ion Ratio Lower Upper

77 100

105 91.1 80.1 120.1

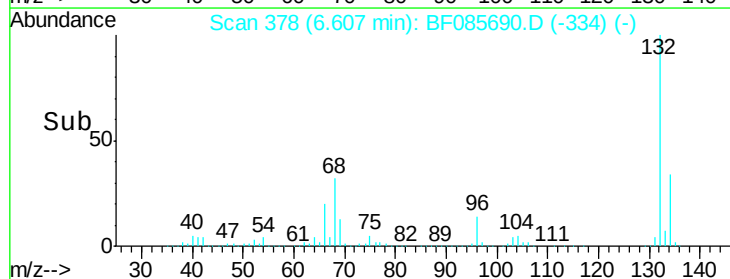
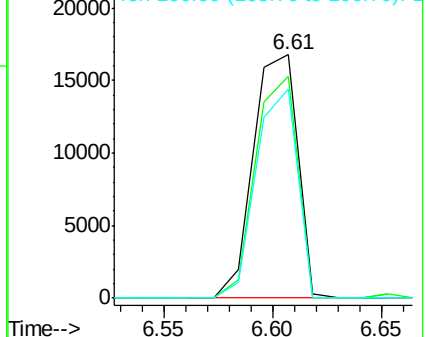
106 85.9 75.0 115.0

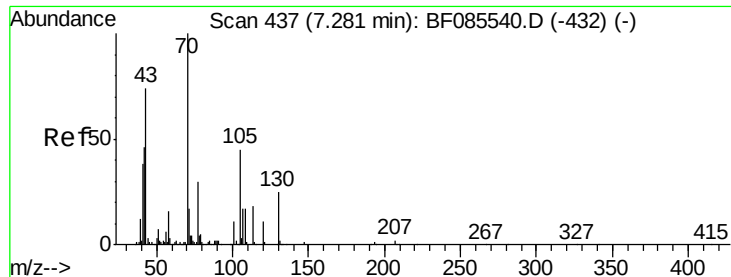


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

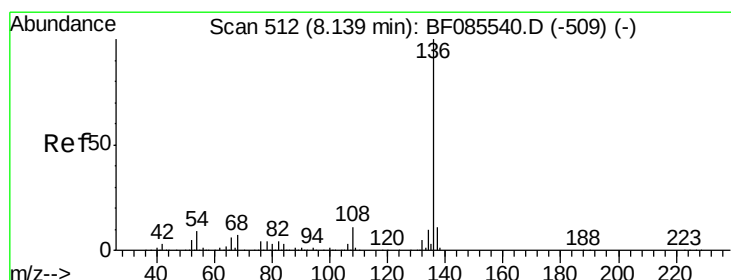
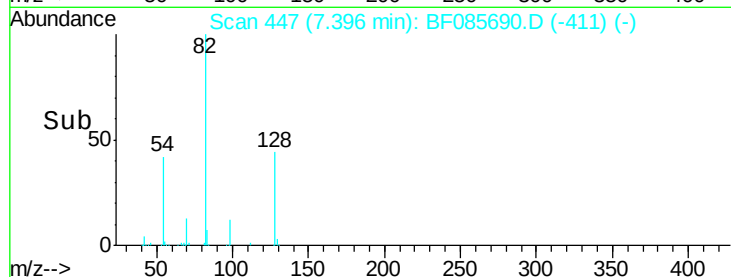
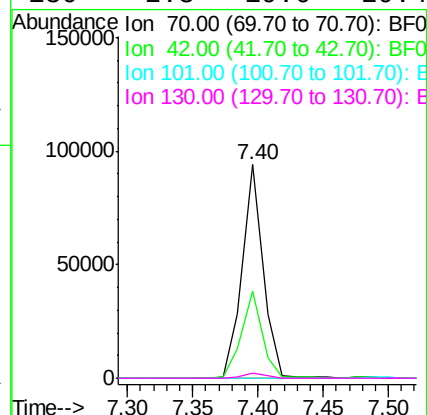
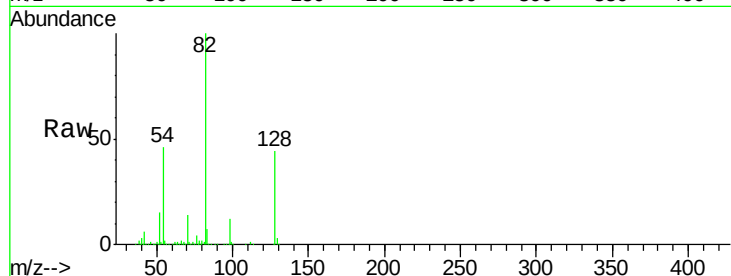




#19
n-Nitroso-di-n-propylamine
Concen: 18.28 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.11 min
Lab File: BF085690.D
Acq: 23 Mar 2016 6:56

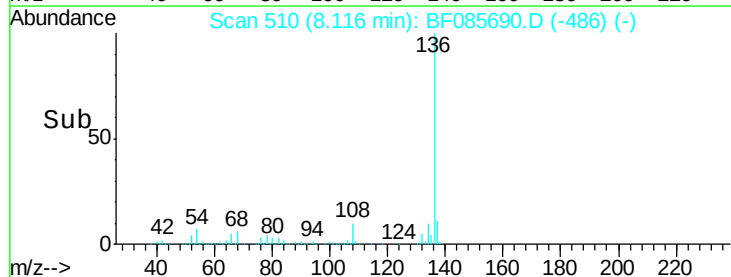
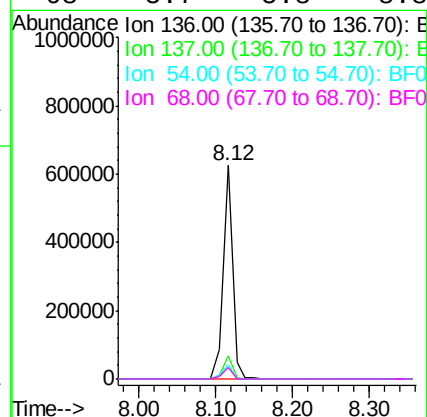
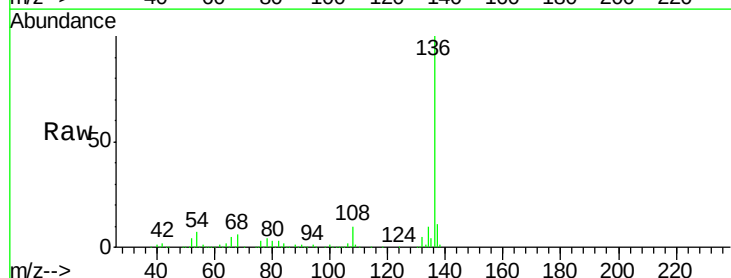
Instrument :
BNA_F
ClientSampleId :
SB-01(13-15)

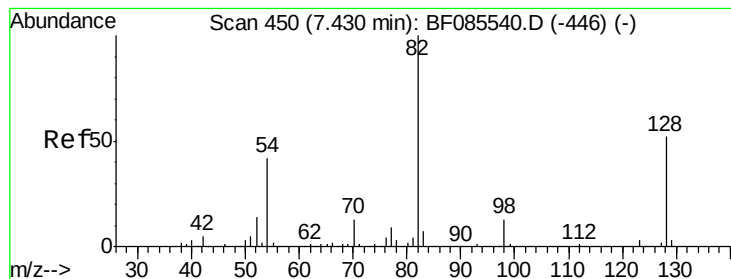
Tgt Ion: 70 Resp: 105144
Ion Ratio Lower Upper
70 100
42 41.0 37.1 55.7
101 0.0 8.6 12.8#
130 2.3 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085690.D
Acq: 23 Mar 2016 6:56

Tgt Ion: 136 Resp: 532230
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.7 7.4 11.0#
68 5.7 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 88.06 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF085690.D

Acq: 23 Mar 2016 6:56

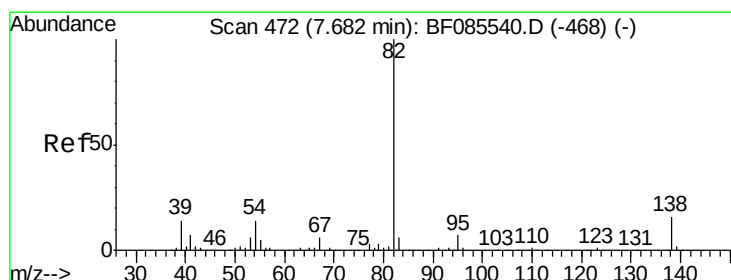
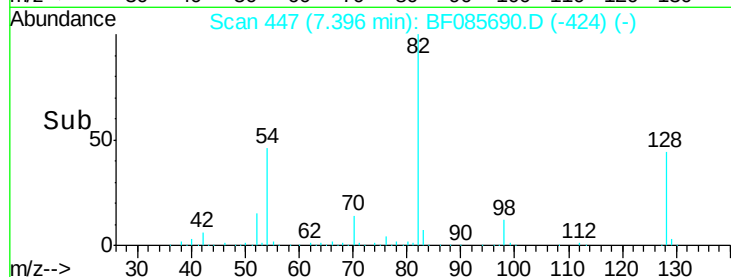
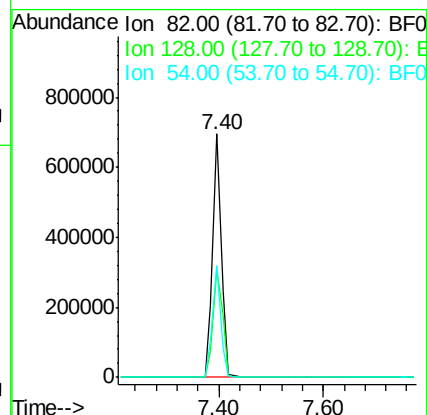
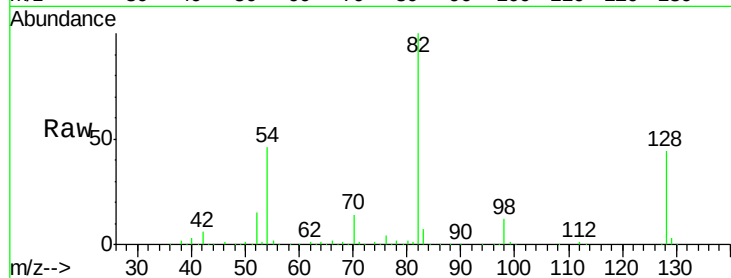
Instrument :

BNA_F

ClientSampleId :

SB-01(13-15)

Tgt Ion:	82	Resp:	807457
Ion Ratio	Lower	Upper	
82	100		
128	44.4	41.8	62.8
54	46.1	33.4	50.0



#25

Isophorone

Concen: 35.98 ng

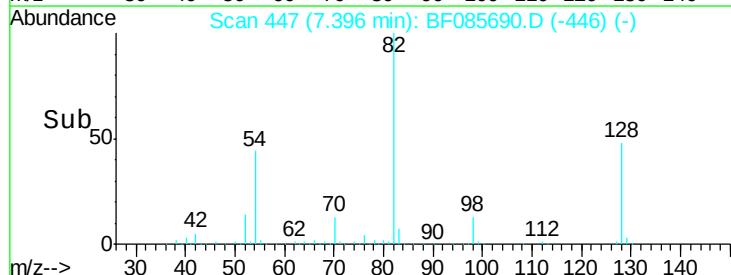
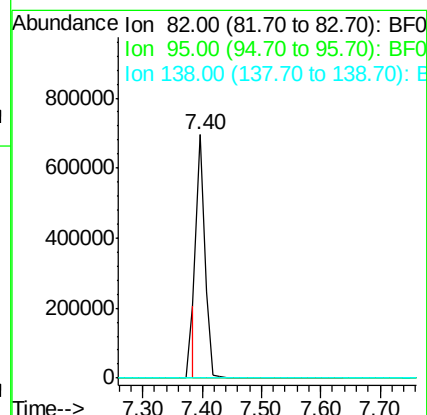
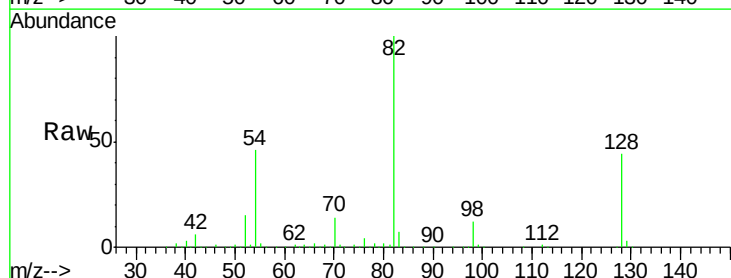
RT: 7.40 min Scan# 447

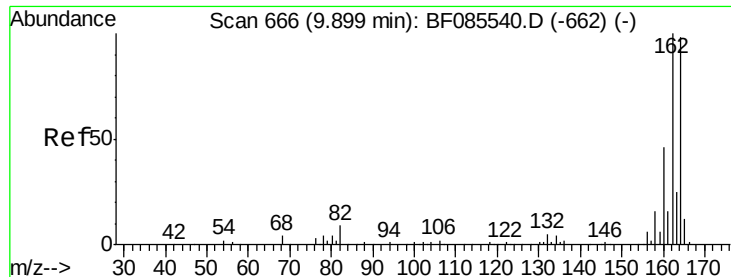
Delta R.T. -0.29 min

Lab File: BF085690.D

Acq: 23 Mar 2016 6:56

Tgt Ion:	82	Resp:	660438
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085690.D

Acq: 23 Mar 2016 6:56

Instrument :

BNA_F

ClientSampleId :

SB-01(13-15)

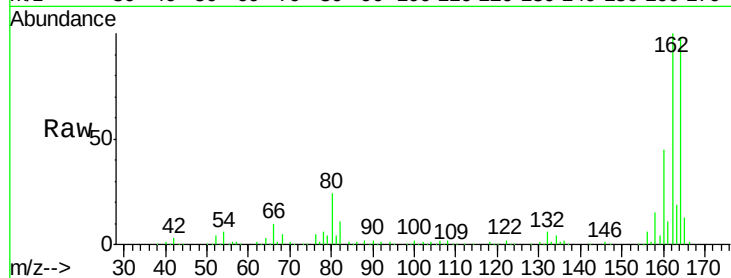
Tgt Ion:164 Resp: 229407

Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

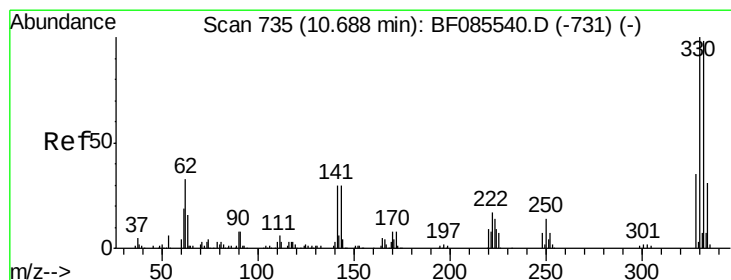
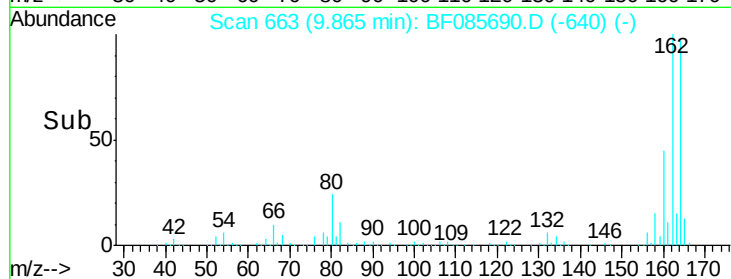
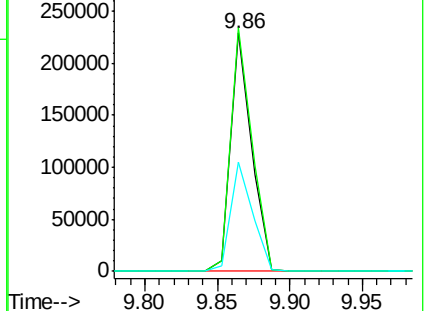
160 46.1 37.4 56.2



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: 169.06 ng

RT: 10.66 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF085690.D

Acq: 23 Mar 2016 6:56

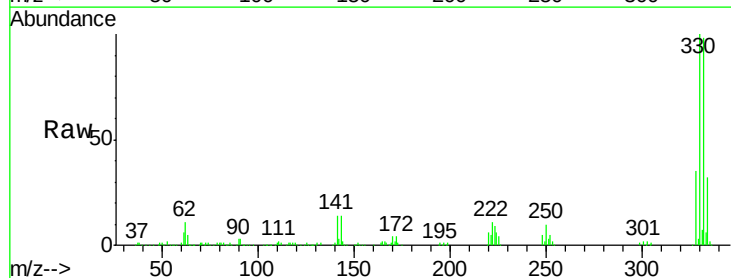
Tgt Ion:330 Resp: 379912

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.2

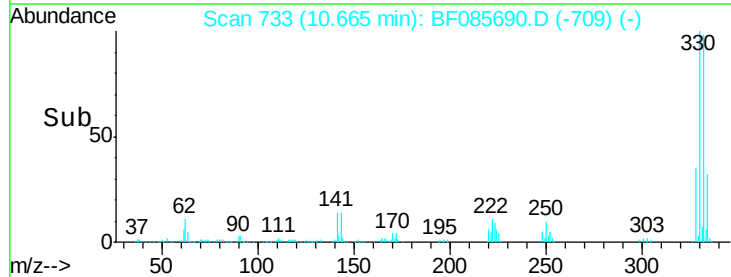
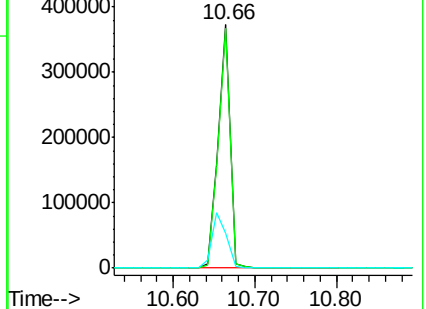
141 28.2 31.5 47.3#

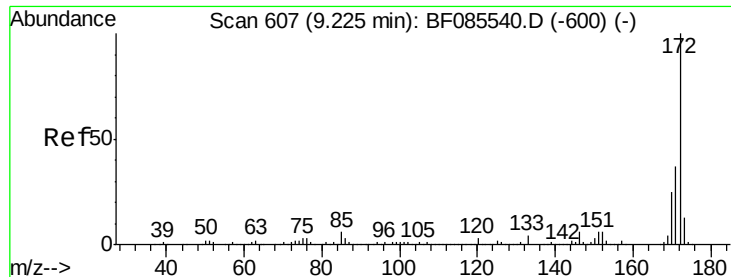


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

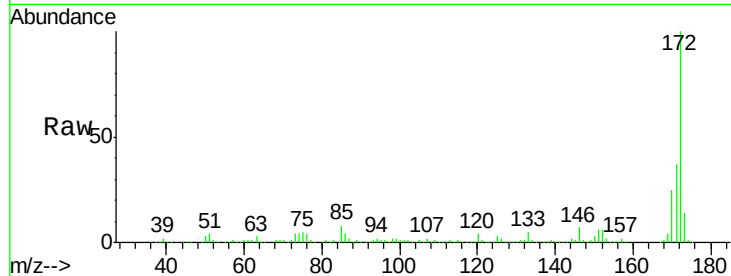




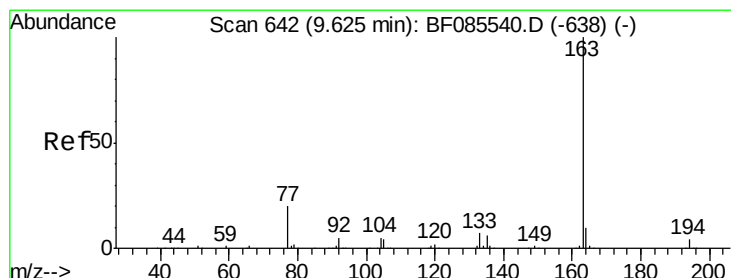
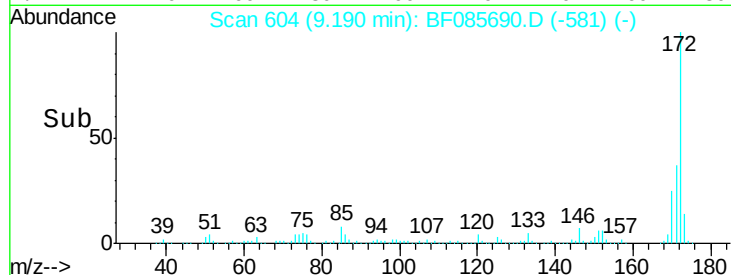
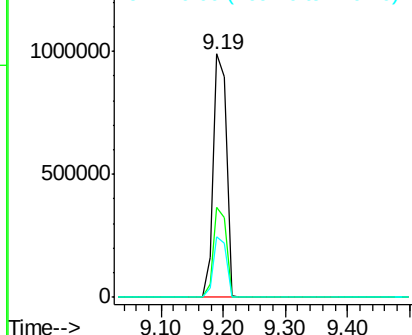
#44
 2-Fluorobiphenyl
 Concen: 116.89 ng
 RT: 9.19 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(13-15)

Tgt Ion:172 Resp: 1426361
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.7 19.8 29.6

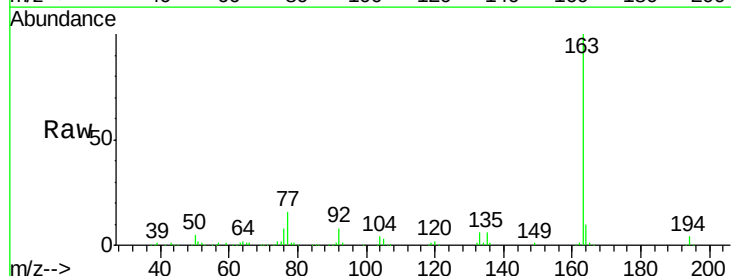


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

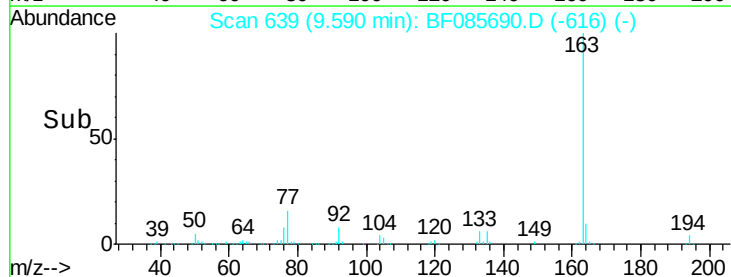
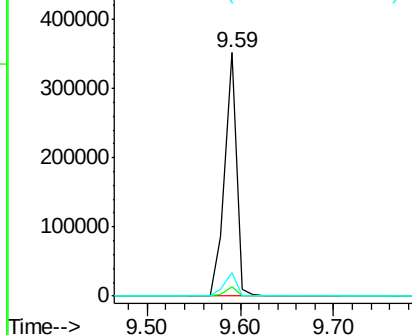


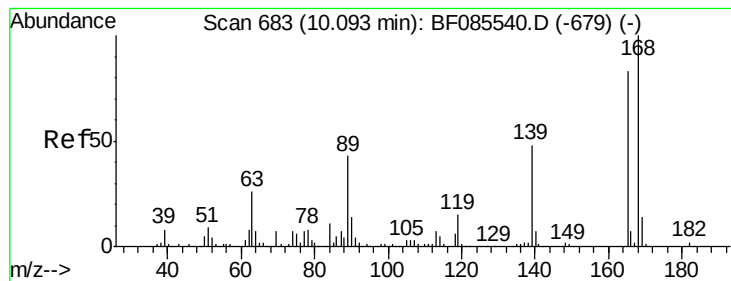
#49
 Dimethylphthalate
 Concen: 17.96 ng
 RT: 9.59 min Scan# 639
 Delta R.T. -0.03 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Tgt Ion:163 Resp: 310987
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.9 4.3
 164 9.9 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

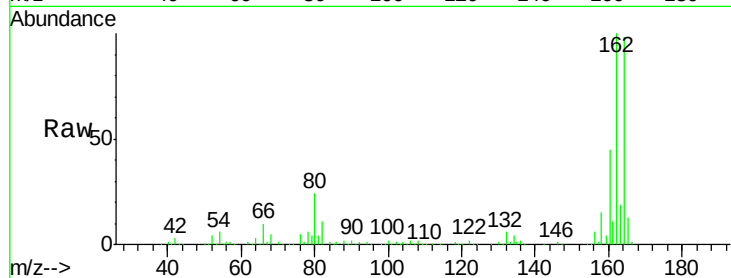




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.86 min Scan# 663
 Delta R.T. -0.23 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(13-15)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.9	37.3#
89	1.6	41.0	61.6#
182	0.0	2.1	3.1#

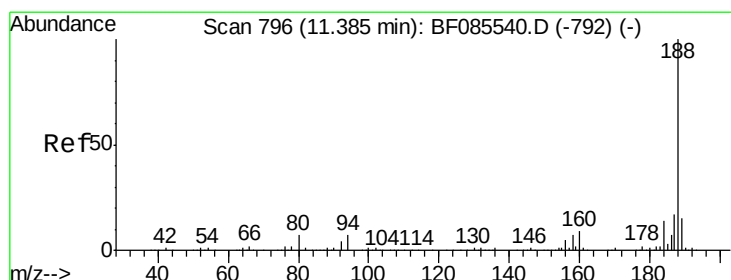
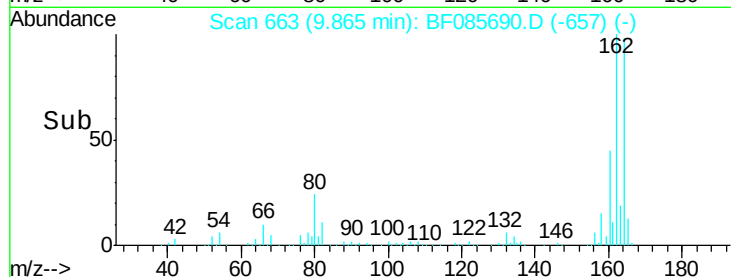
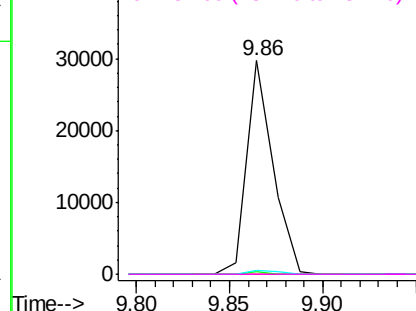


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

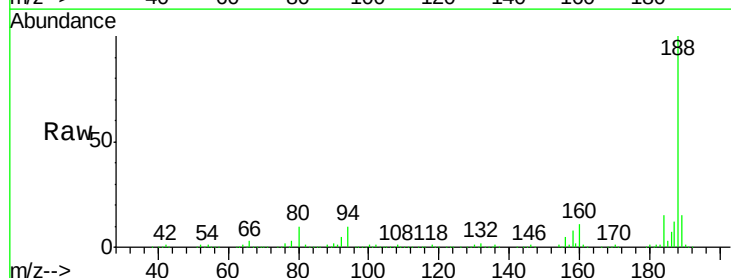
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

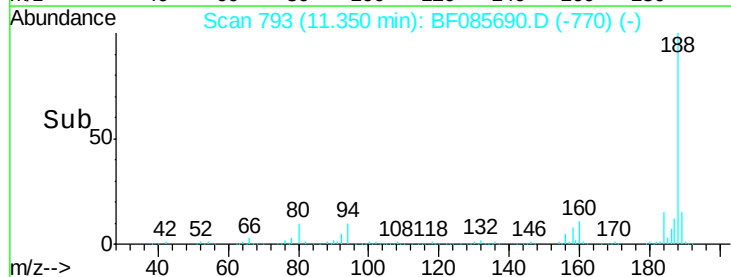
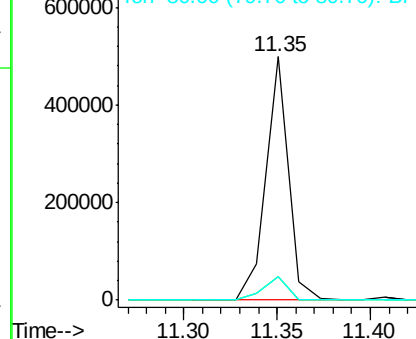
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	5.4	8.0#
80	9.8	5.5	8.3#

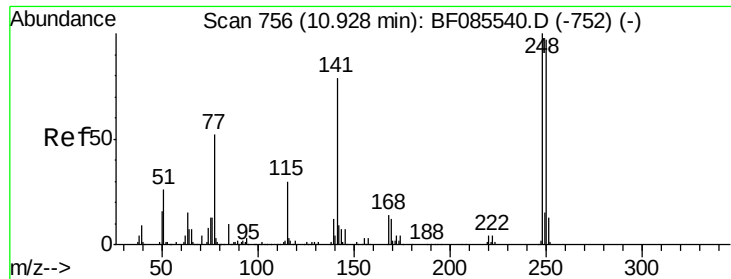


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

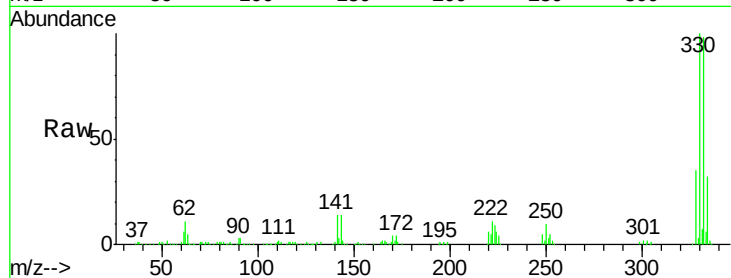




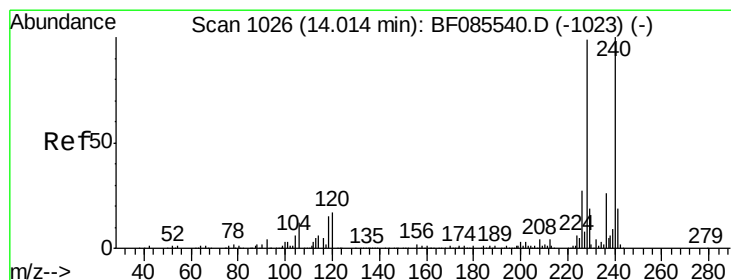
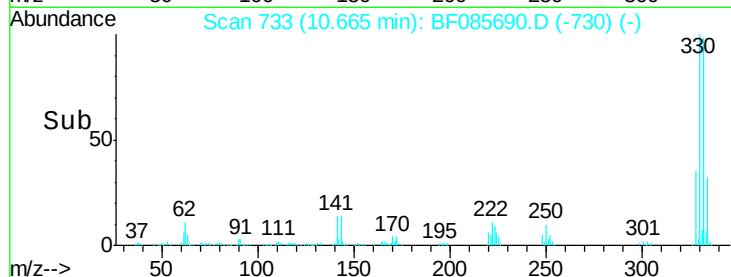
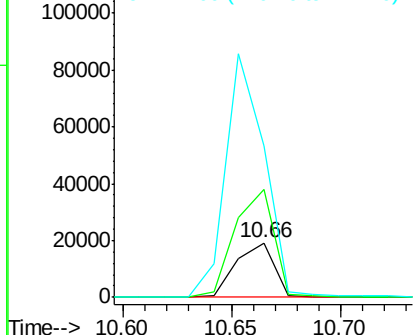
#66
4-Bromophenyl-phenylether
Concen: 5.57 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085690.D
Acq: 23 Mar 2016 6:56

Instrument :
BNA_F
ClientSampleId :
SB-01(13-15)

Tgt Ion:248 Resp: 23419
Ion Ratio Lower Upper
248 100
250 199.7 77.4 116.0#
141 278.6 63.6 95.4#

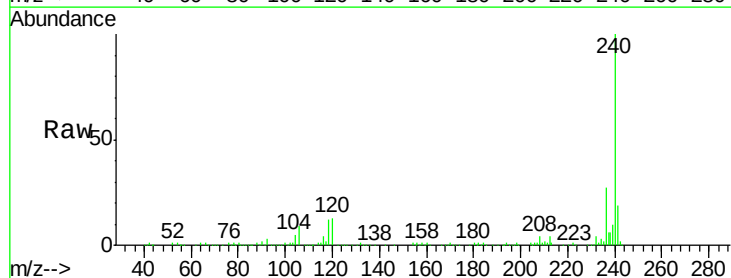


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

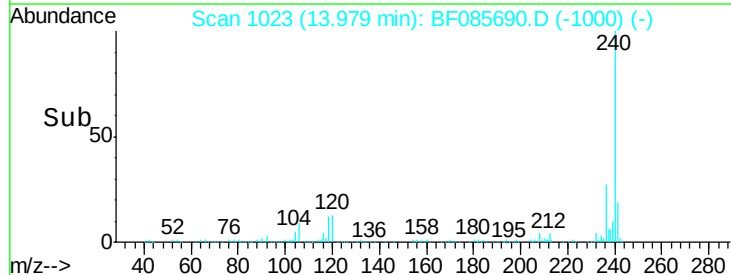
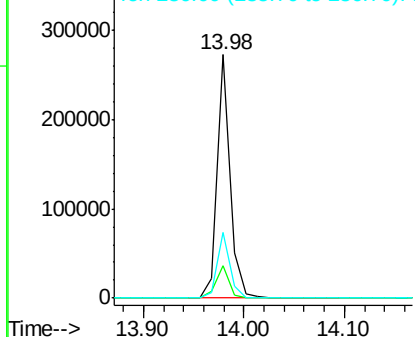


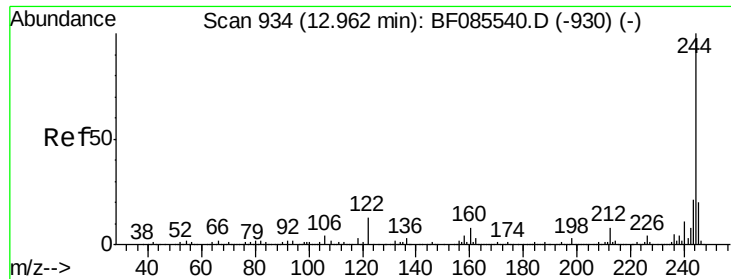
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.98 min Scan# 1023
Delta R.T. -0.03 min
Lab File: BF085690.D
Acq: 23 Mar 2016 6:56

Tgt Ion:240 Resp: 243282
Ion Ratio Lower Upper
240 100
120 13.3 13.8 20.8#
236 26.8 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

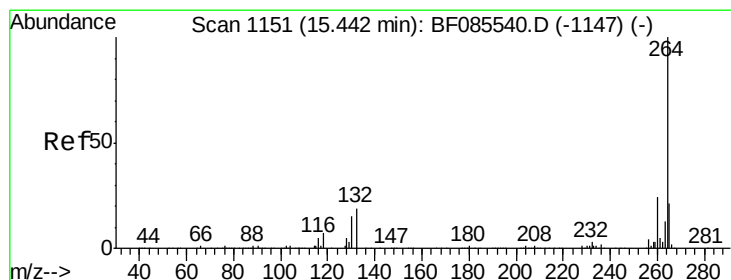
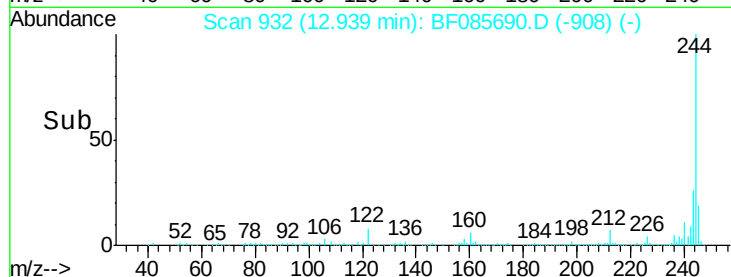
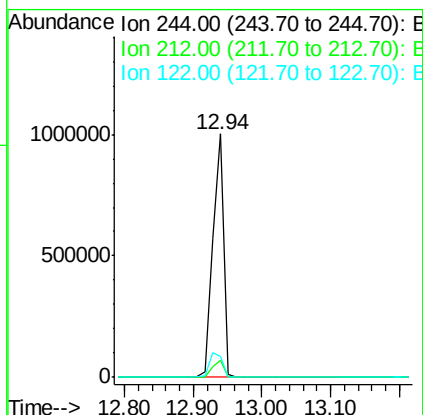
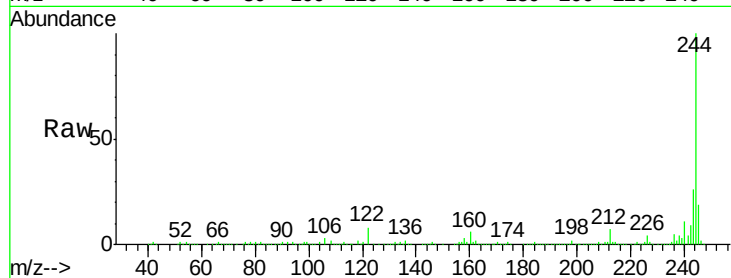




#78
 Terphenyl-d14
 Concen: 109.86 ng
 RT: 12.94 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(13-15)

Tgt Ion:244 Resp: 1110633
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 8.4 10.2 15.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.40 min Scan# 1147
 Delta R.T. -0.05 min
 Lab File: BF085690.D
 Acq: 23 Mar 2016 6:56

Tgt Ion:264 Resp: 224170
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.9 17.2 25.8

