

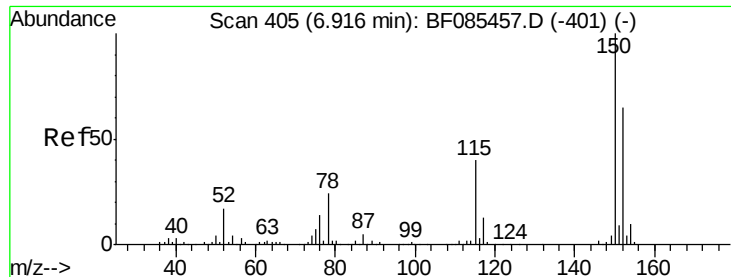
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031616\
 Data File : BF085477.D
 Acq On : 16 Mar 2016 22:30
 Operator : UM/SJ
 Sample : H1788-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Quant Time: Mar 17 00:52:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 18:57:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116818	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	474468	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	225305	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	401652	20.00	ng	-0.02
75) Chrysene-d12	14.06	240	274395	20.00	ng	-0.02
86) Perylene-d12	15.50	264	181739	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	757447	111.46	ng	-0.01
7) Phenol-d6	6.53	99	958032	108.68	ng	-0.02
23) Nitrobenzene-d5	7.46	82	674206	84.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	263323	126.89	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	1119872	86.23	ng	-0.02
78) Terphenyl-d14	13.01	244	990603	81.67	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	17506	3.56	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.46	70	90255	17.10	ng	# 76
25) Isophorone	7.46	82	508394	31.07	ng	# 67
49) Dimethylphthalate	9.66	163	183492	11.16	ng	98
56) 2,4-Dinitrotoluene	9.94	165	27714	6.08	ng	# 22
66) 4-Bromophenyl-phenylether	10.73	248	17266	4.25	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

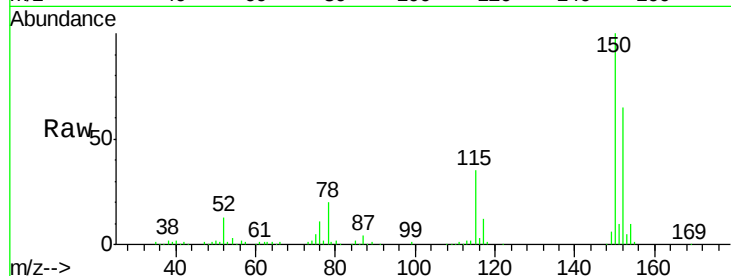
Tgt Ion:152 Resp: 116818

Ion Ratio Lower Upper

152 100

150 153.8 124.6 186.8

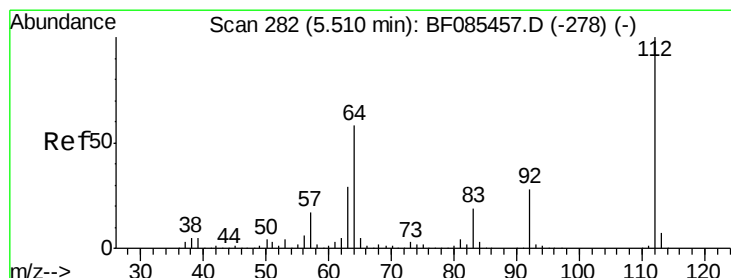
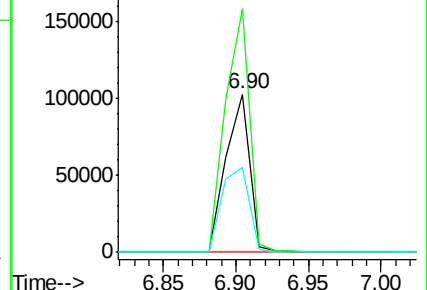
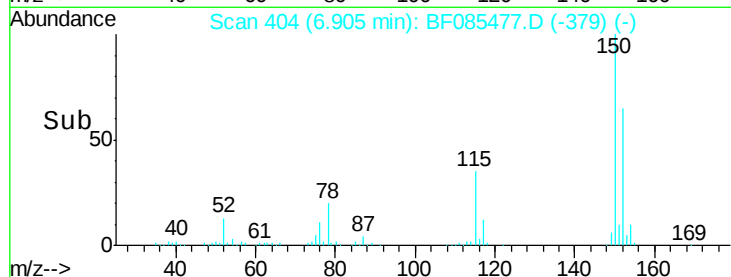
115 53.4 46.6 70.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 111.46 ng

RT: 5.50 min Scan# 281

Delta R.T. -0.01 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

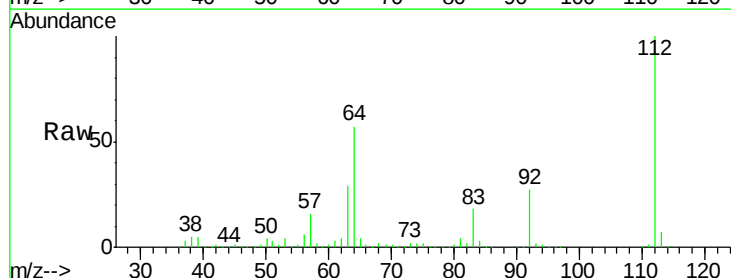
Tgt Ion:112 Resp: 757447

Ion Ratio Lower Upper

112 100

64 56.6 49.0 73.4

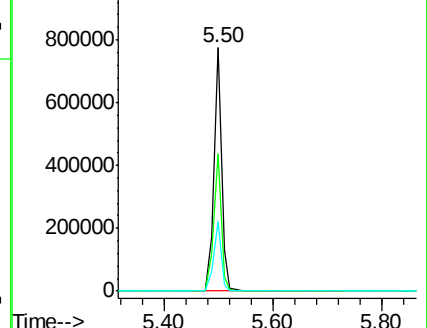
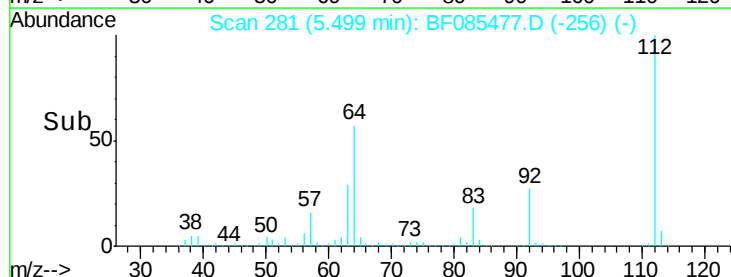
63 28.5 24.8 37.2

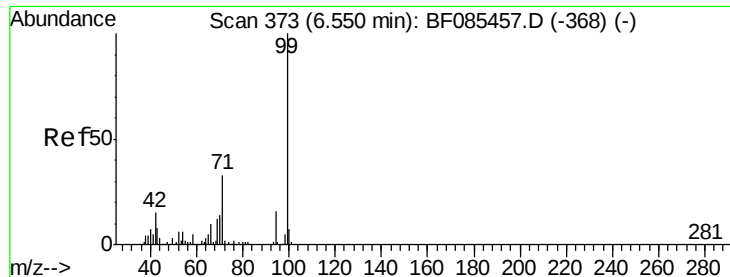


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.68 ng

RT: 6.53 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

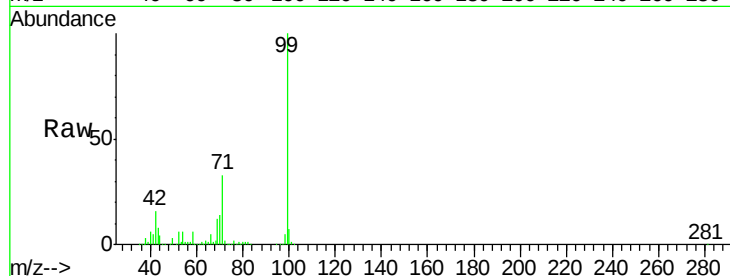
Tgt Ion: 99 Resp: 958032

Ion Ratio Lower Upper

99 100

42 15.7 13.6 20.4

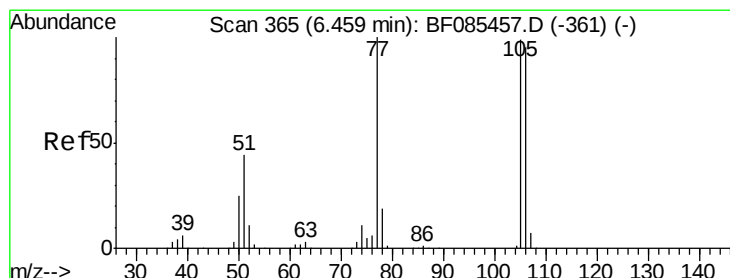
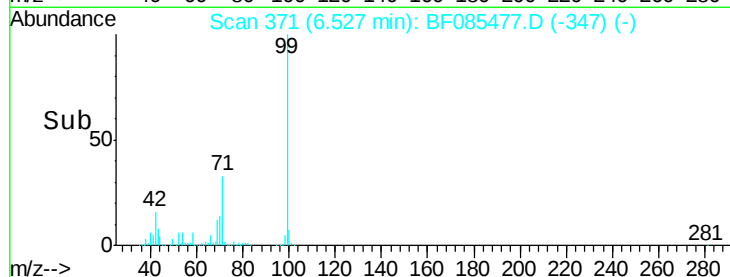
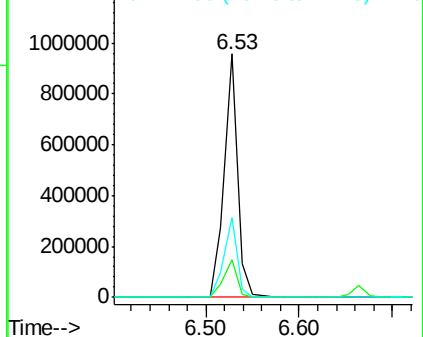
71 32.7 26.7 40.1



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: 3.56 ng

RT: 6.66 min Scan# 383

Delta R.T. 0.21 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

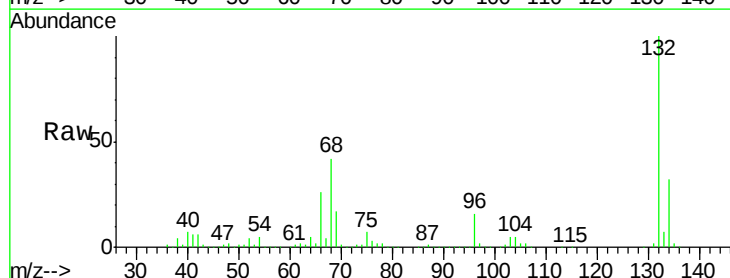
Tgt Ion: 77 Resp: 17506

Ion Ratio Lower Upper

77 100

105 82.8 78.2 118.2

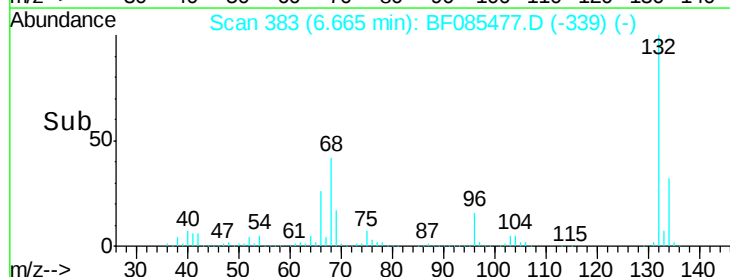
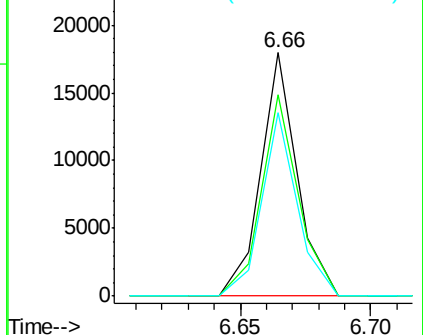
106 75.1 72.9 112.9

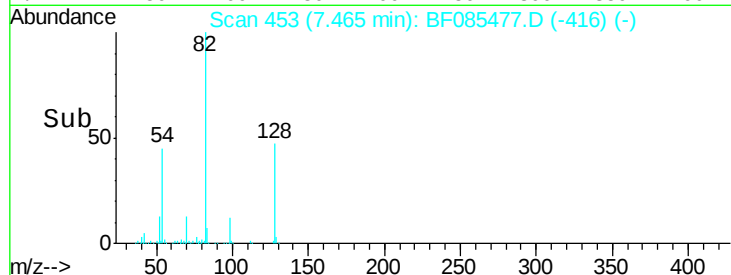
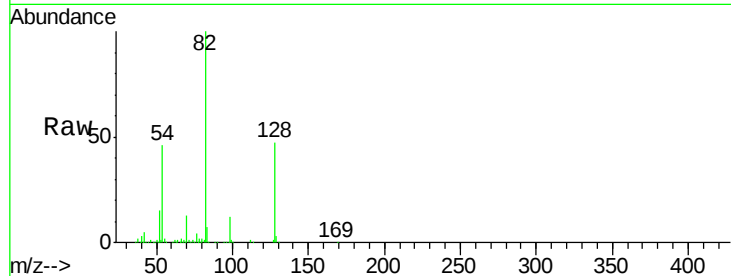
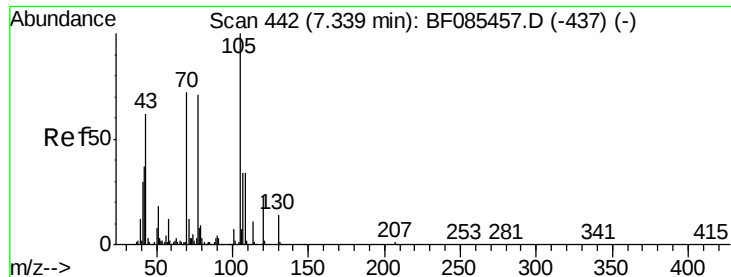


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

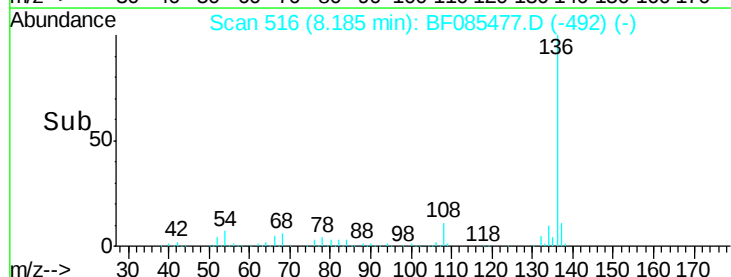
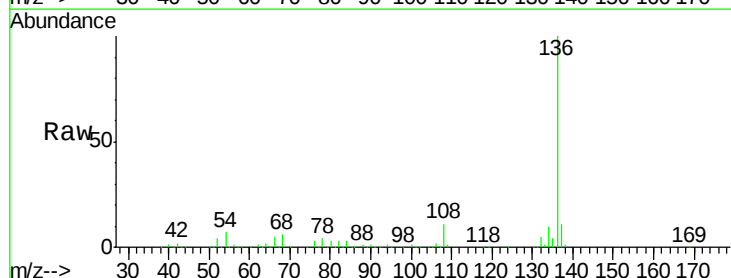
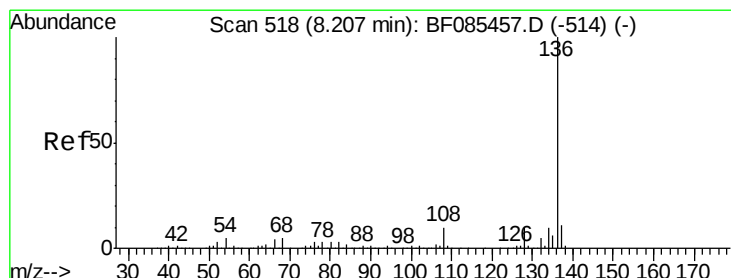
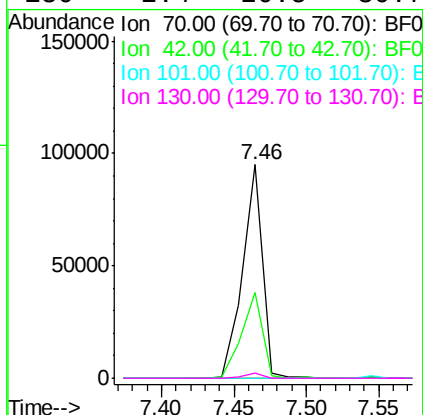




#19
n-Nitroso-di-n-propylamine
Concen: 17.10 ng
RT: 7.46 min Scan# 453
Delta R.T. 0.13 min
Lab File: BF085477.D
Acq: 16 Mar 2016 22:30

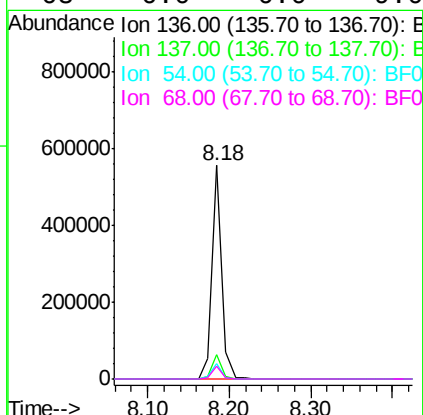
Instrument :
BNA_F
ClientSampleId :
SB-4(7-8)

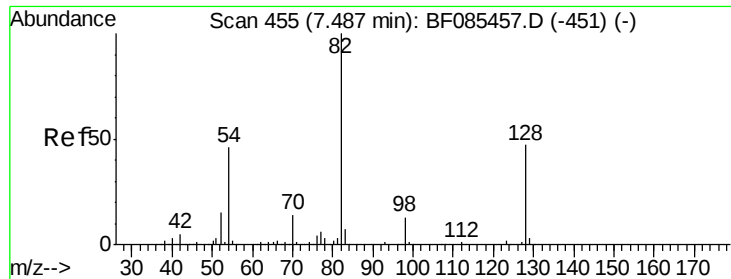
Tgt Ion:	70	Resp:	90255
Ion	Ratio	Lower	Upper
70	100		
42	39.9	37.7	56.5
101	0.0	8.2	12.4#
130	2.4	20.5	30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085477.D
Acq: 16 Mar 2016 22:30

Tgt Ion:	136	Resp:	474468
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.1	7.4	11.2#
68	6.0	6.0	9.0#





#23

Nitrobenzene-d5

Concen: 84.02 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

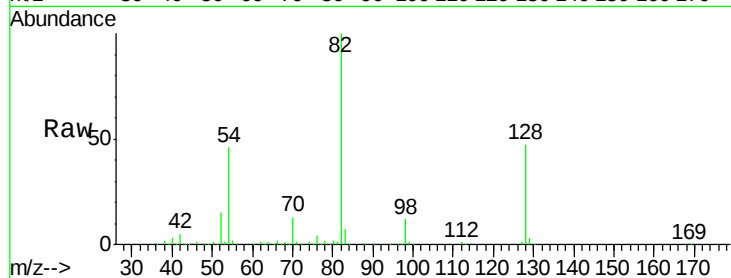
Tgt Ion: 82 Resp: 674206

Ion Ratio Lower Upper

82 100

128 46.7 34.5 51.7

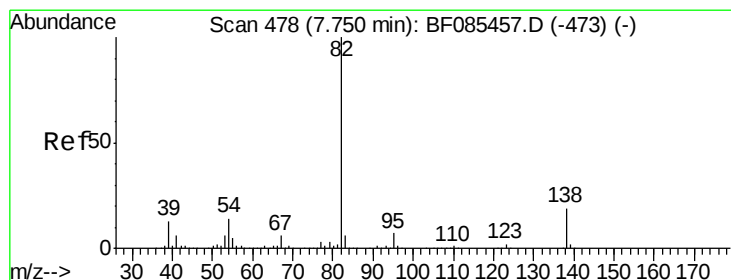
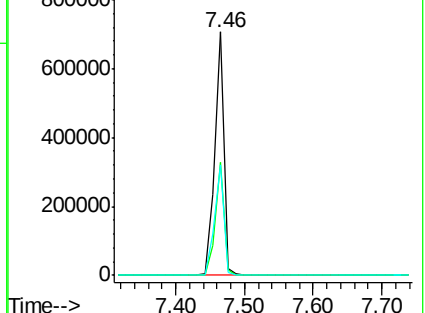
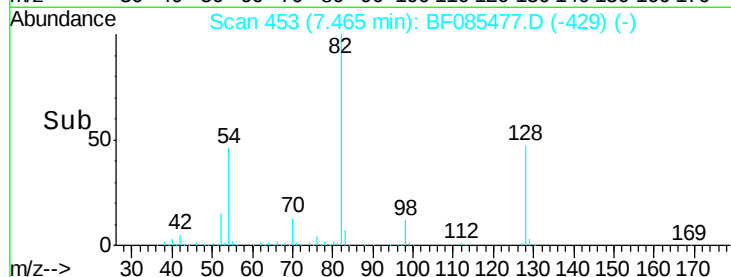
54 45.5 39.3 58.9



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: 31.07 ng

RT: 7.46 min Scan# 453

Delta R.T. -0.29 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

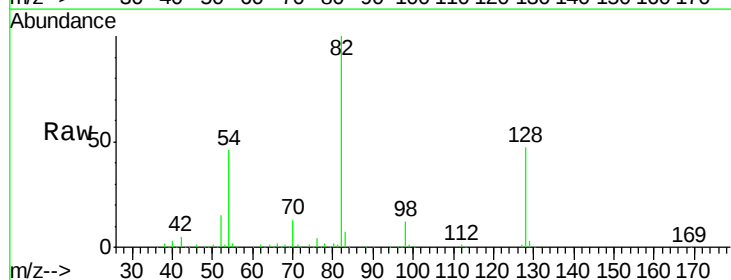
Tgt Ion: 82 Resp: 508394

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

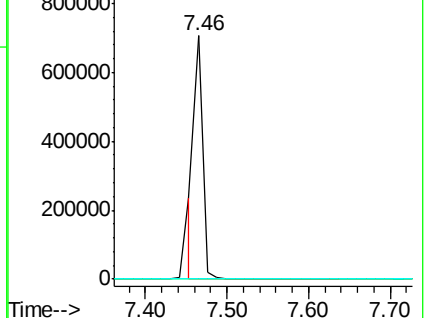
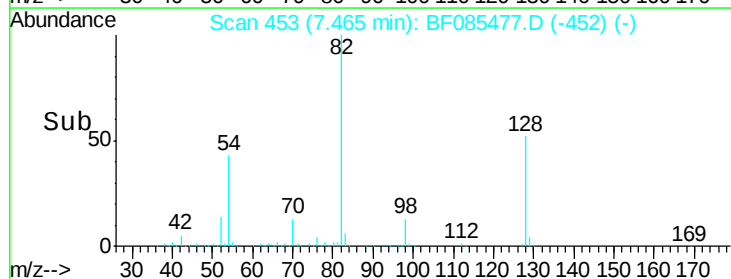
138 0.0 13.3 19.9#

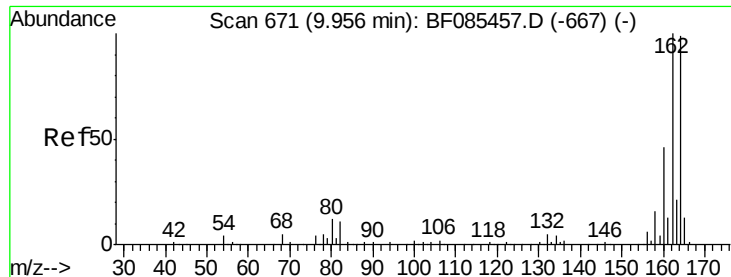


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SB-4(7-8)

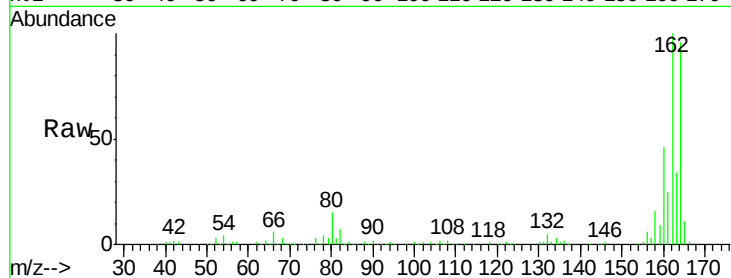
Tgt Ion:164 Resp: 225305

Ion Ratio Lower Upper

164 100

162 103.7 83.3 124.9

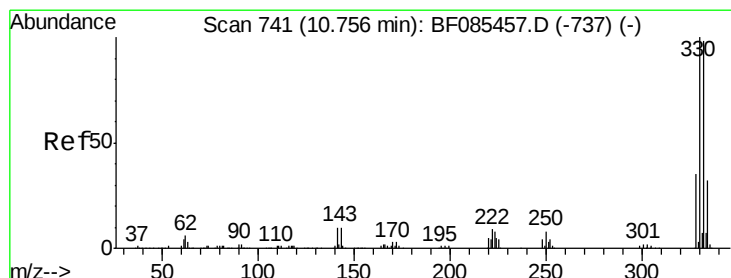
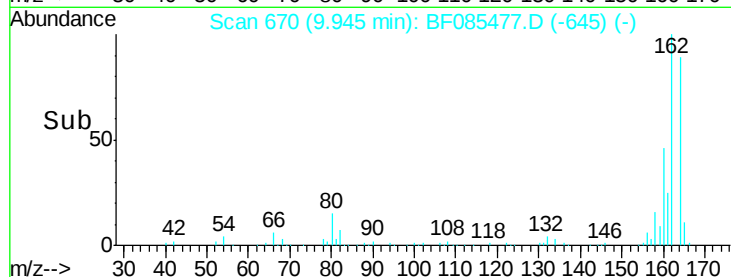
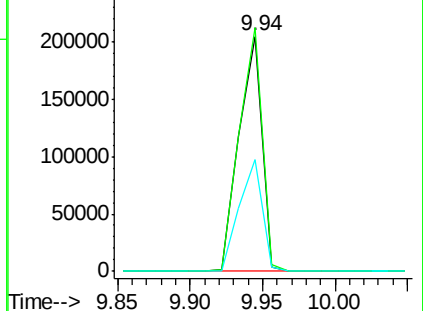
160 47.7 37.9 56.9



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: 126.89 ng

RT: 10.73 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF085477.D

Acq: 16 Mar 2016 22:30

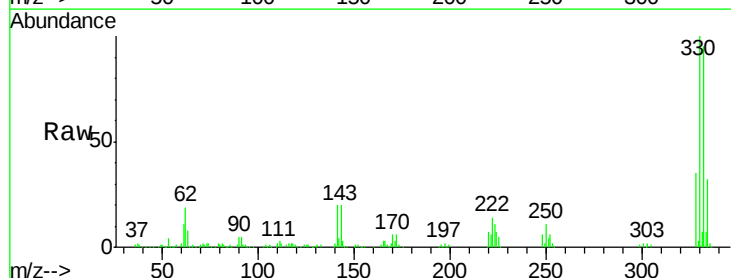
Tgt Ion:330 Resp: 263323

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

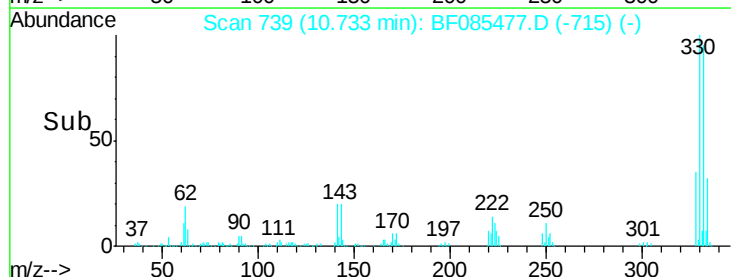
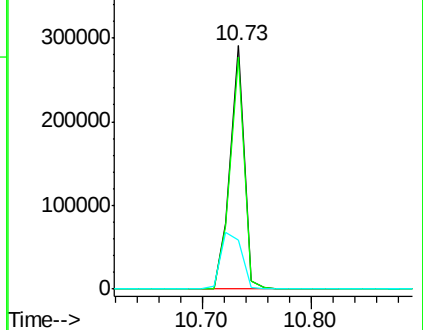
141 34.9 35.0 52.6#

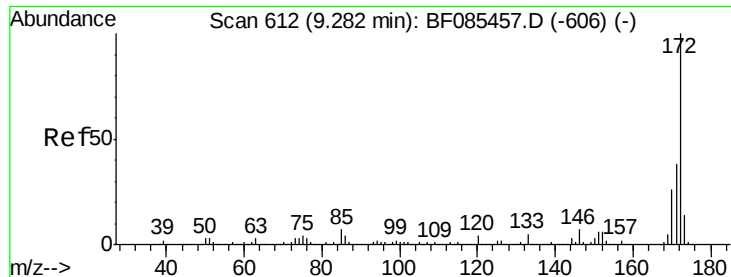


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

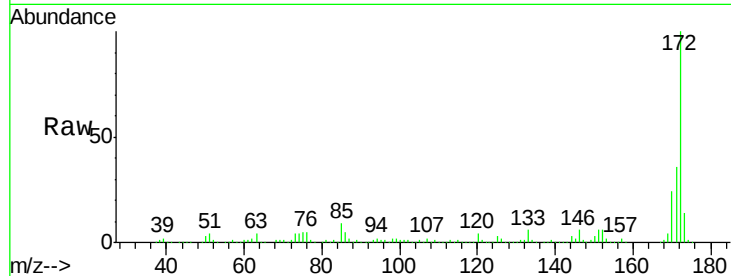




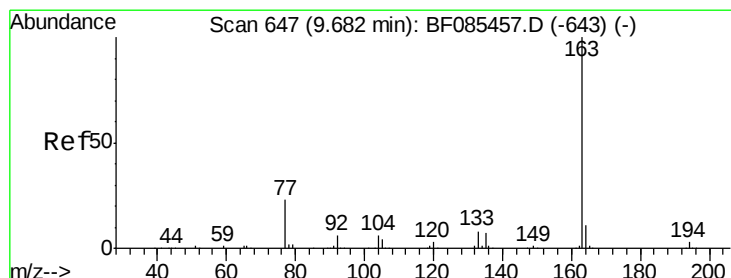
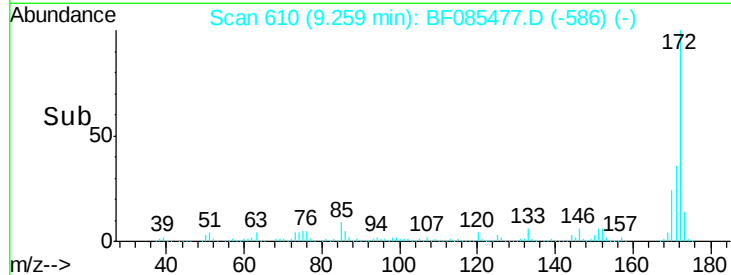
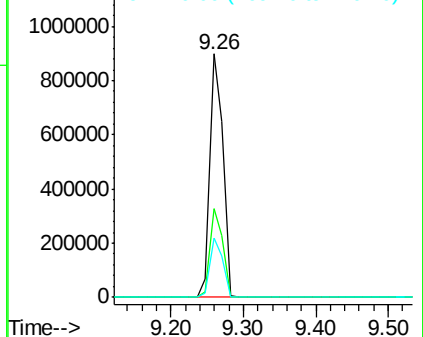
#44
 2-Fluorobiphenyl
 Concen: 86.23 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:172 Resp: 1119872
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 24.4 20.0 30.0

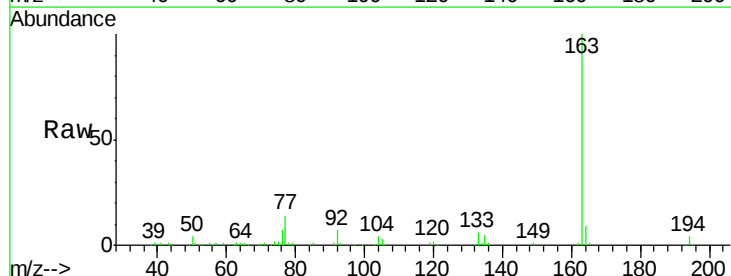


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

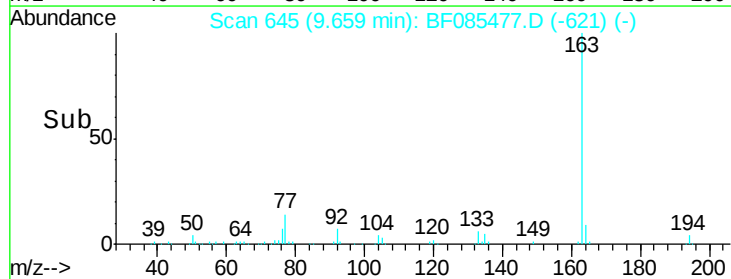
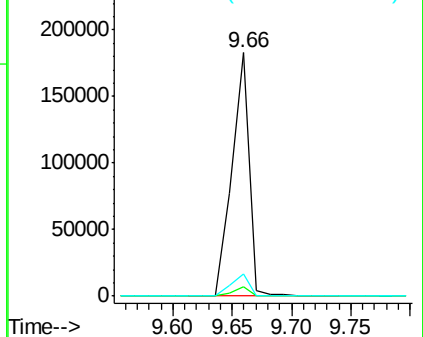


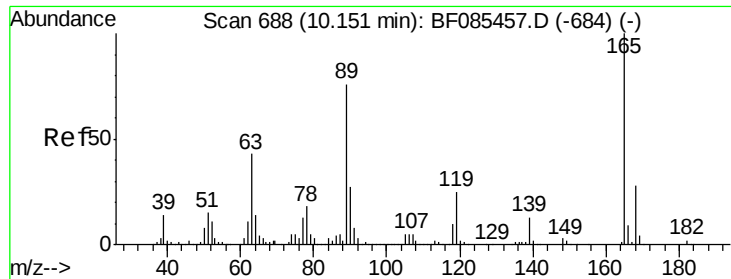
#49
 Dimethylphthalate
 Concen: 11.16 ng
 RT: 9.66 min Scan# 645
 Delta R.T. -0.02 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Tgt Ion:163 Resp: 183492
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.1 4.7
 164 9.4 8.2 12.4



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

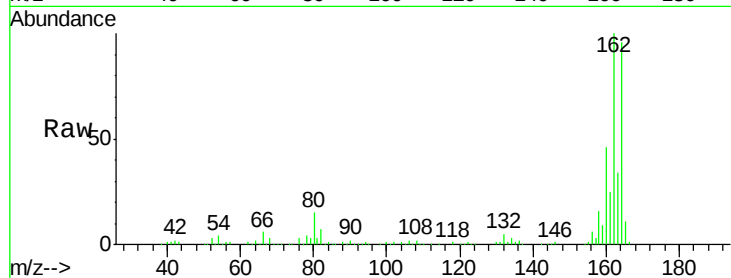




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.94 min Scan# 670
 Delta R.T. -0.21 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	35.4	53.0#
89	1.8	61.9	92.9#
182	0.0	1.9	2.9#

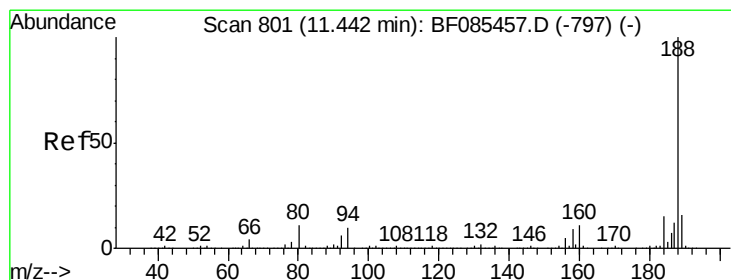
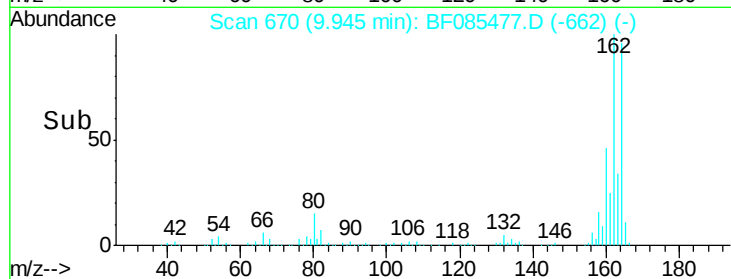
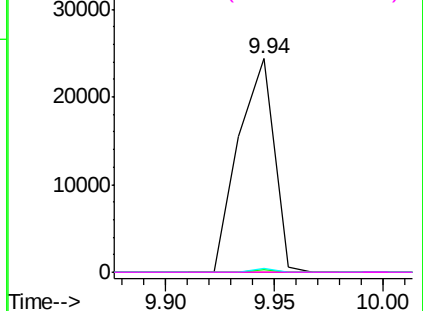


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

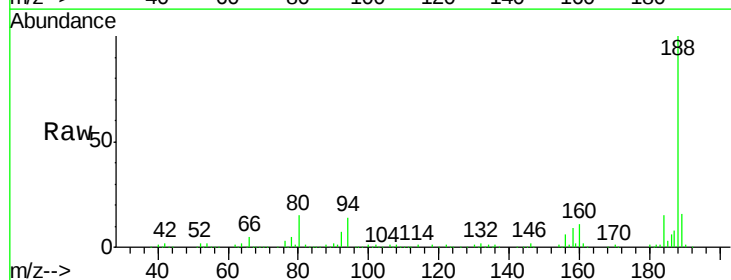
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

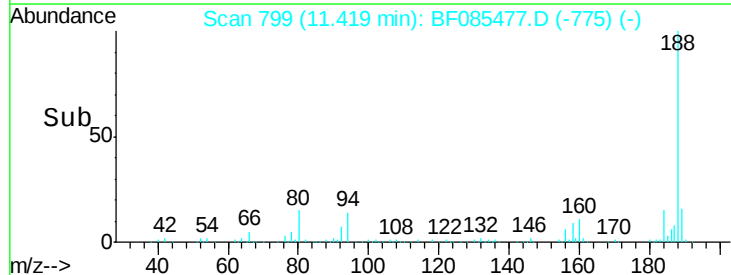
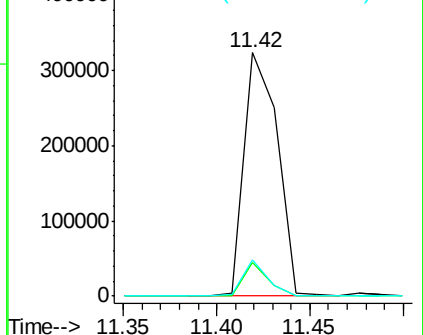
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.7	7.0	10.6#
80	15.1	7.4	11.0#

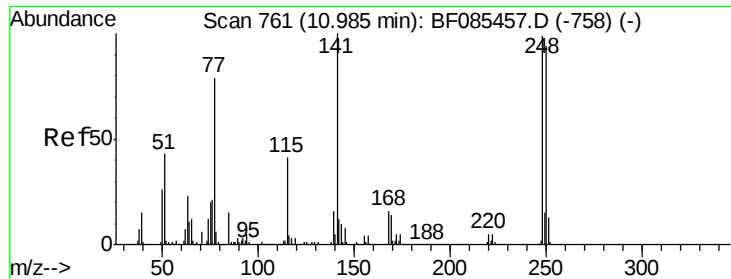


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

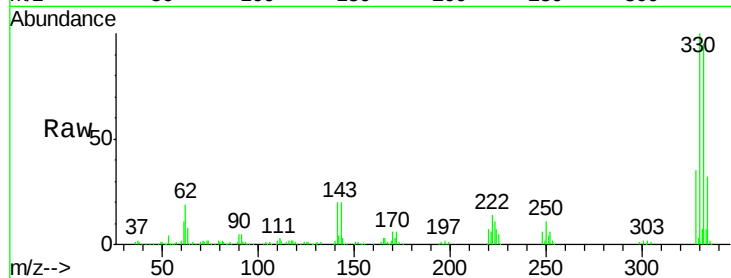




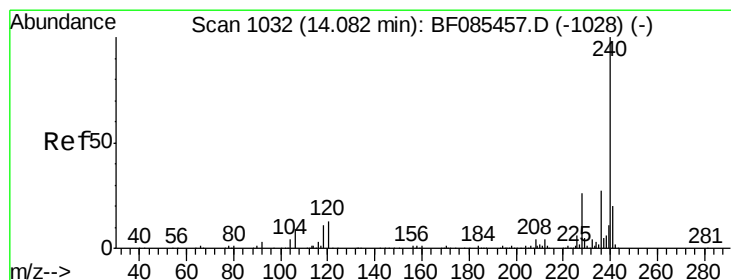
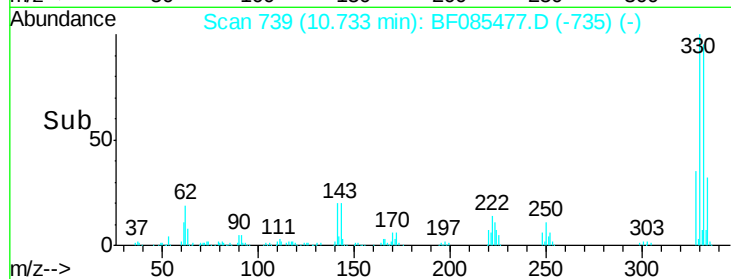
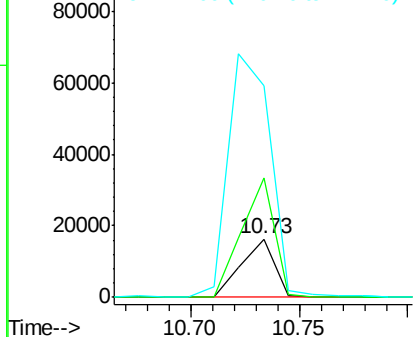
#66
 4-Bromophenyl-phenylether
 Concen: 4.25 ng
 RT: 10.73 min Scan# 739
 Delta R.T. -0.25 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:248 Resp: 17266
 Ion Ratio Lower Upper
 248 100
 250 203.4 77.1 115.7#
 141 362.3 66.2 99.2#

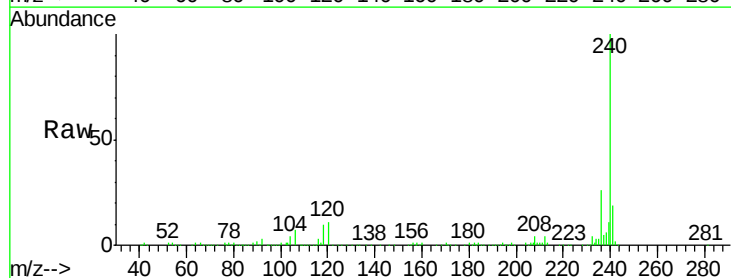


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

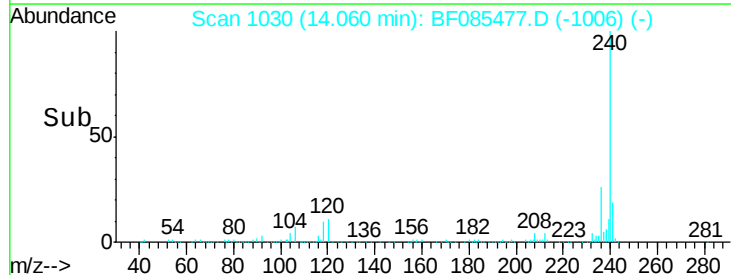
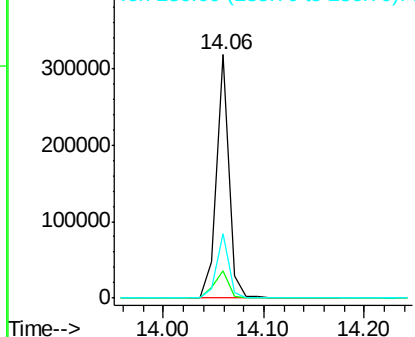


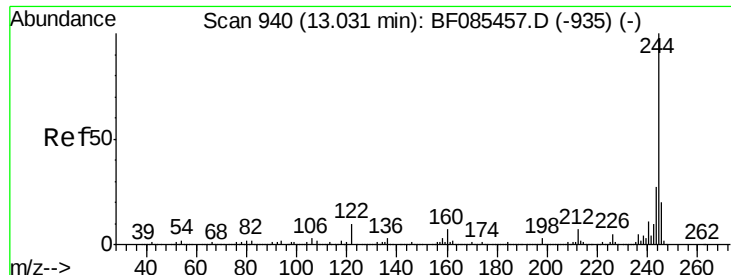
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Tgt Ion:240 Resp: 274395
 Ion Ratio Lower Upper
 240 100
 120 11.2 5.3 7.9#
 236 26.4 20.7 31.1



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

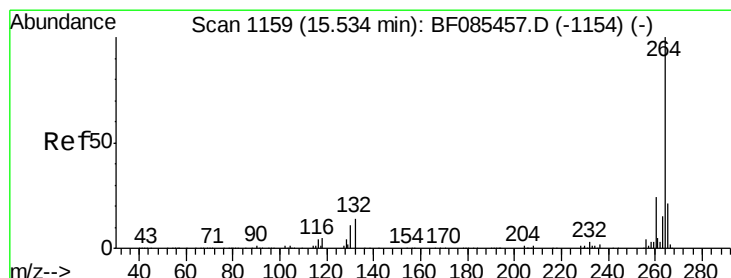
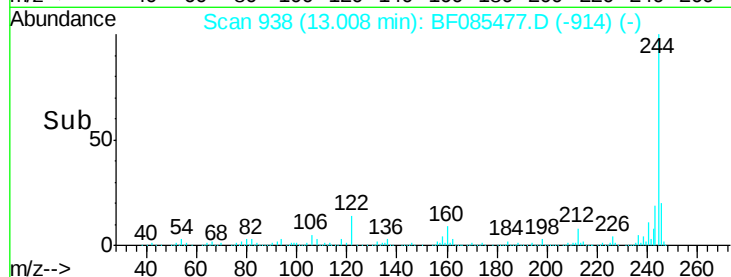
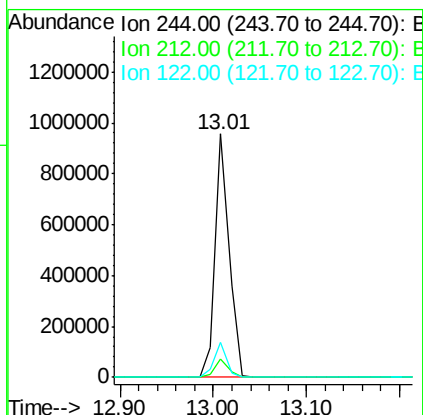
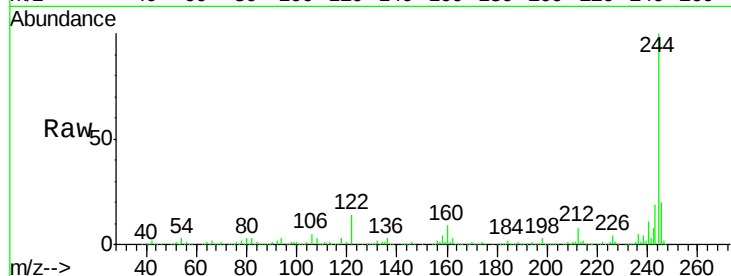




#78
 Terphenyl-d14
 Concen: 81.67 ng
 RT: 13.01 min Scan# 938
 Delta R.T. -0.02 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(7-8)

Tgt Ion:244 Resp: 990603
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 14.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF085477.D
 Acq: 16 Mar 2016 22:30

Tgt Ion:264 Resp: 181739
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.5 17.3 25.9

