

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
 Data File : BF085287.D
 Acq On : 9 Mar 2016 6:02
 Operator : UM/SJ
 Sample : H1712-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP-0.5-5.0

Quant Time: Mar 09 06:27:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

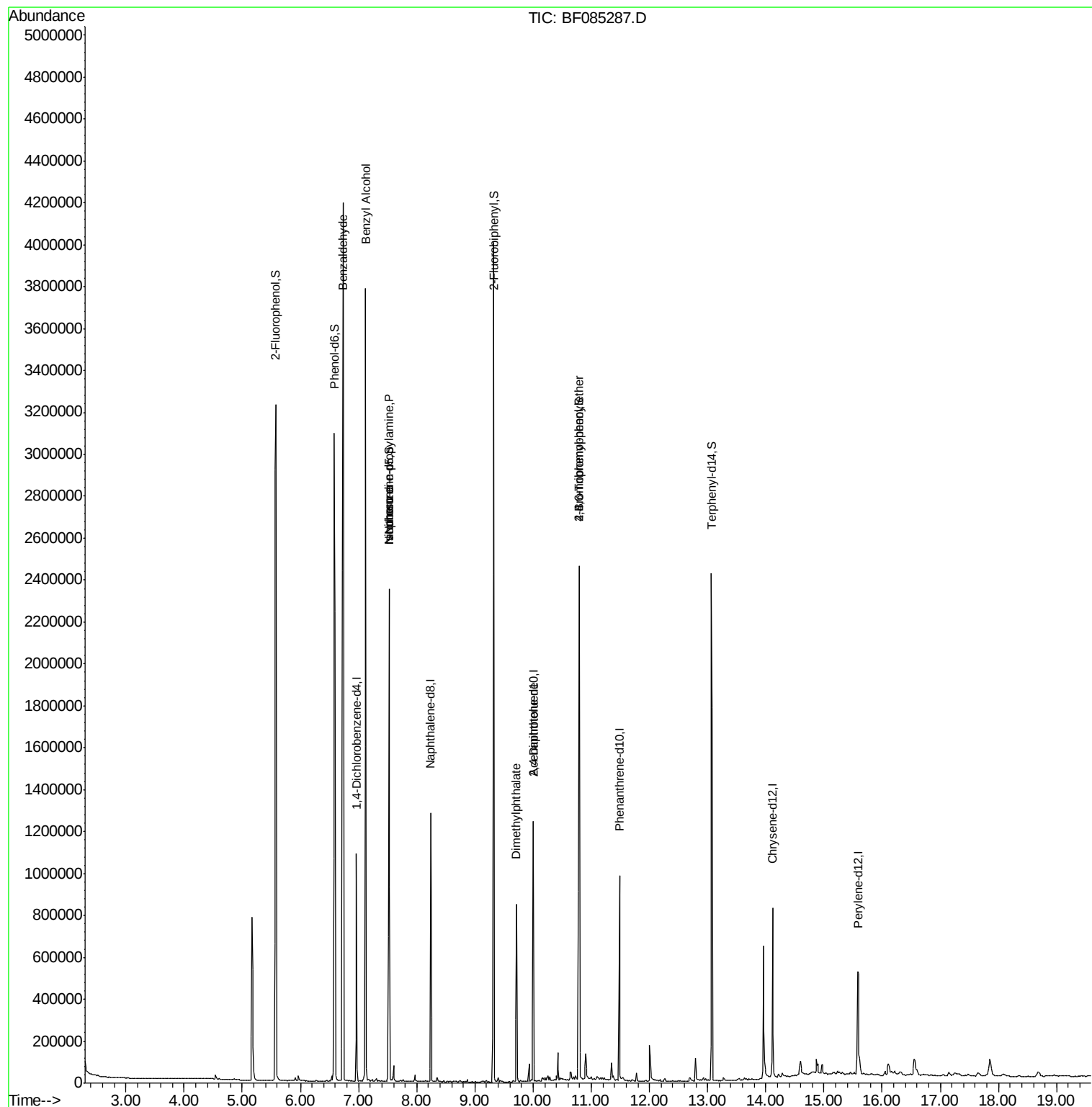
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	154345	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	566384	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	231547	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	387414	20.00	ng	-0.02
75) Chrysene-d12	14.12	240	258215	20.00	ng	-0.03
86) Perylene-d12	15.59	264	273214	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1450614	157.65	ng	0.00
7) Phenol-d6	6.58	99	1758700	145.89	ng	-0.02
23) Nitrobenzene-d5	7.52	82	972585	91.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	296687	149.75	ng	-0.02
44) 2-Fluorobiphenyl	9.33	172	1562601	102.63	ng	-0.02
78) Terphenyl-d14	13.06	244	1014474	91.20	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	31228	2.62	ng	Qvalue 90
15) Benzyl Alcohol	7.12	79	18664	2.11	ng	# 43
19) n-Nitroso-di-n-propylamine	7.52	70	126494	16.10	ng	# 79
25) Isophorone	7.52	82	799264	40.75	ng	# 67
49) Dimethylphthalate	9.72	163	377814	21.26	ng	99
56) 2,4-Dinitrotoluene	10.00	165	29750	6.11	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	21439	5.70	ng	# 1

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

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QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP-0.5-5.0

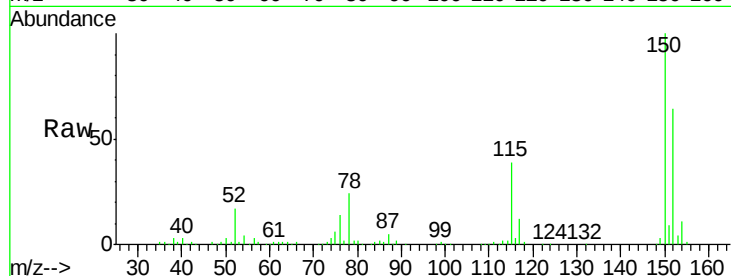
Tgt Ion:152 Resp: 154345

Ion Ratio Lower Upper

152 100

150 156.4 124.6 186.8

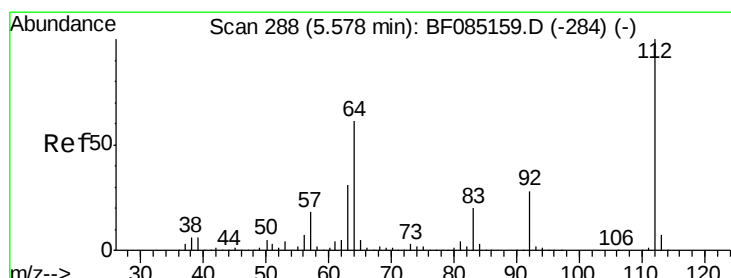
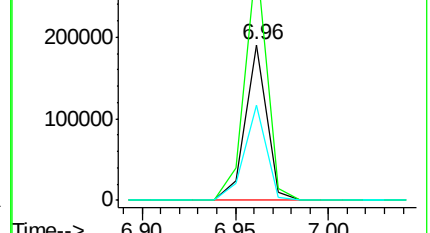
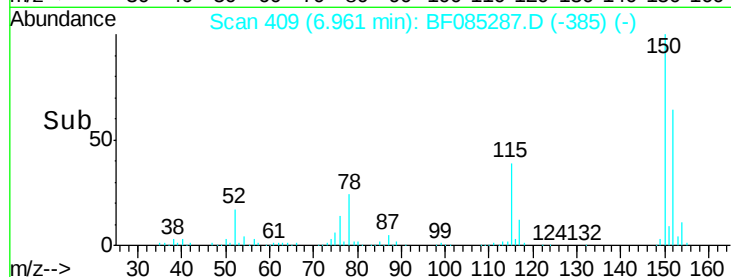
115 61.1 46.6 70.0



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: 157.65 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

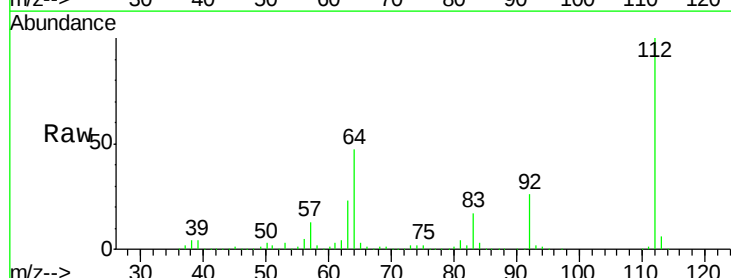
Tgt Ion:112 Resp: 1450614

Ion Ratio Lower Upper

112 100

64 47.2 49.0 73.4#

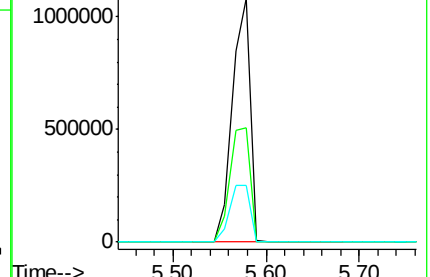
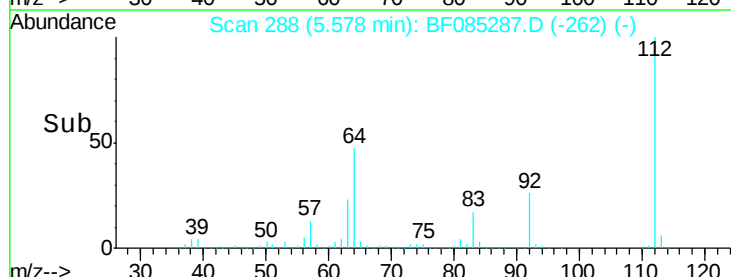
63 23.4 24.8 37.2#



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: 145.89 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP-0.5-5.0

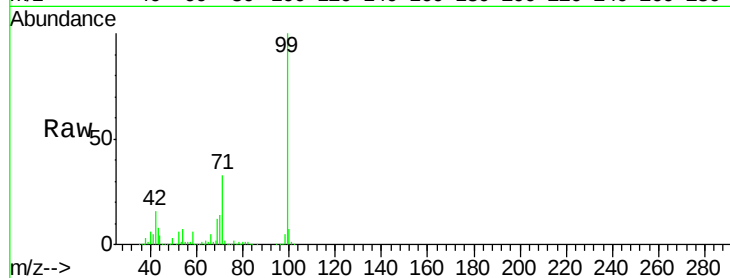
Tgt Ion: 99 Resp: 1758700

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

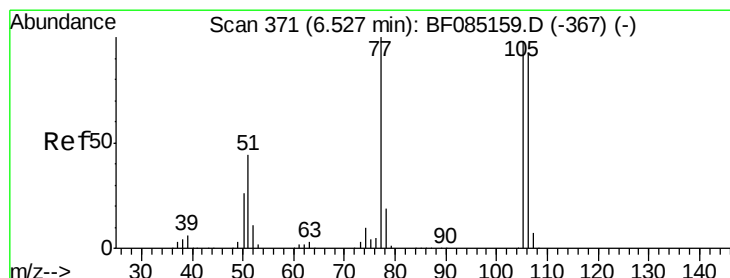
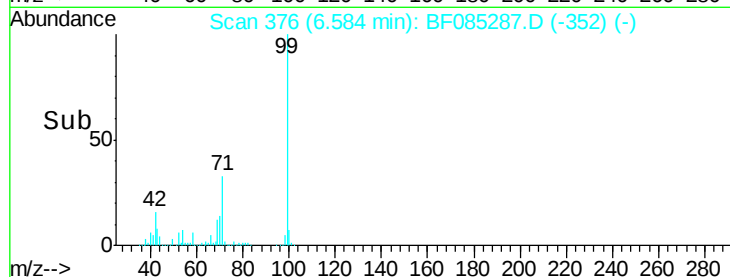
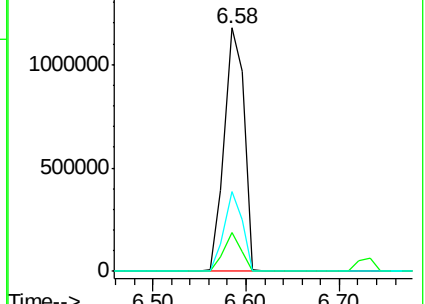
71 33.0 26.7 40.1



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: 2.62 ng

RT: 6.73 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

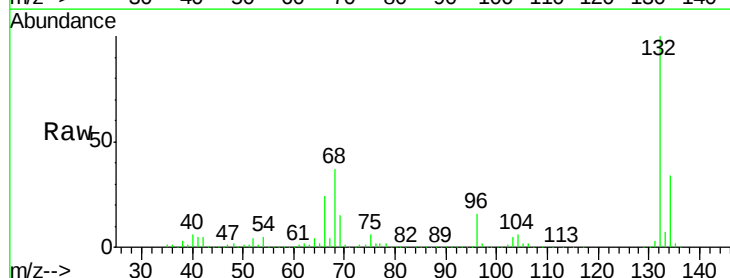
Tgt Ion: 77 Resp: 31228

Ion Ratio Lower Upper

77 100

105 87.2 78.2 118.2

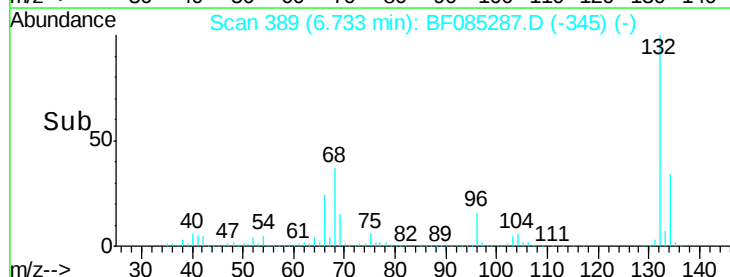
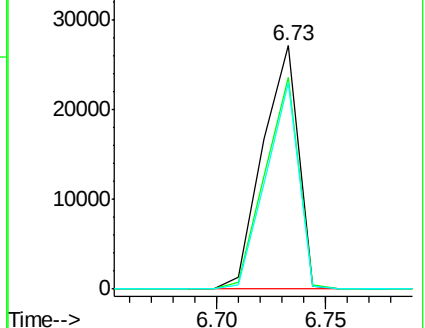
106 85.1 72.9 112.9

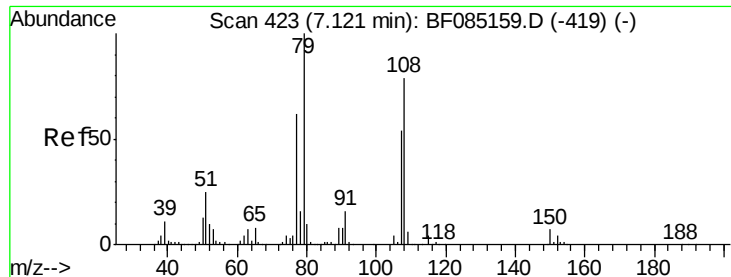


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.11 ng

RT: 7.12 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP-0.5-5.0

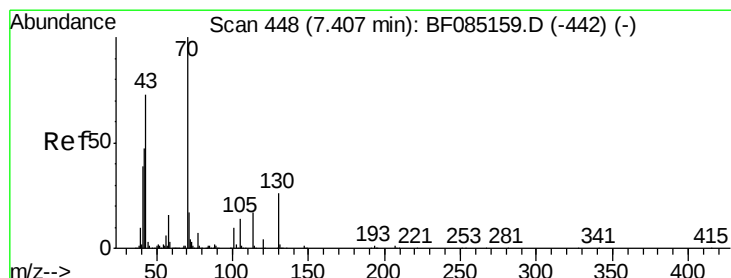
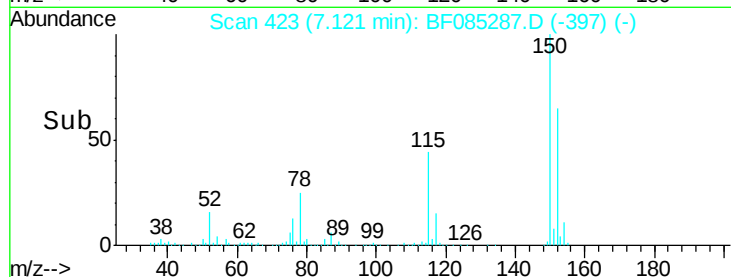
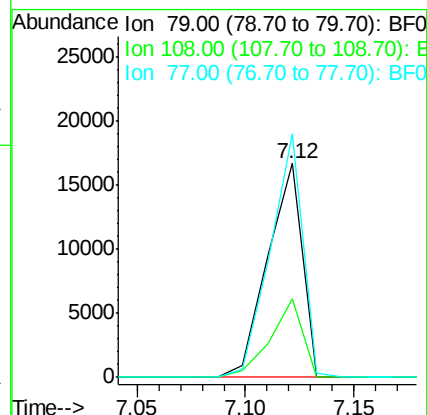
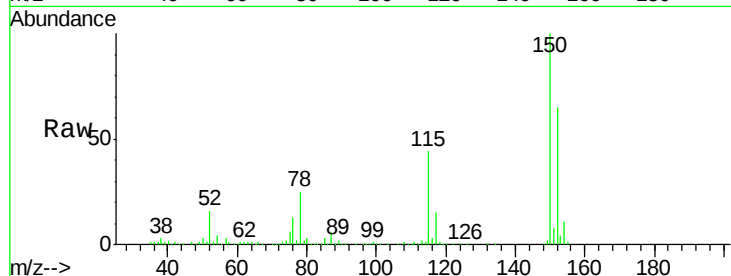
Tgt Ion: 79 Resp: 18664

Ion Ratio Lower Upper

79 100

108 36.4 62.9 94.3#

77 113.7 49.5 74.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.10 ng

RT: 7.52 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Tgt Ion: 70 Resp: 126494

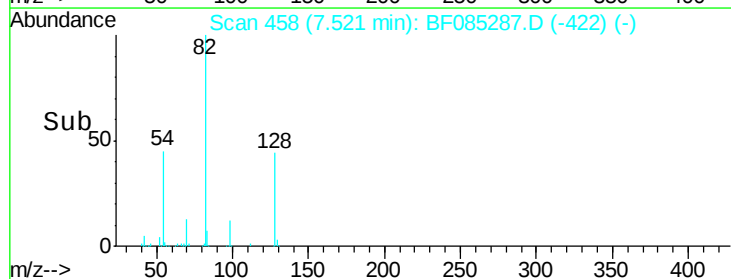
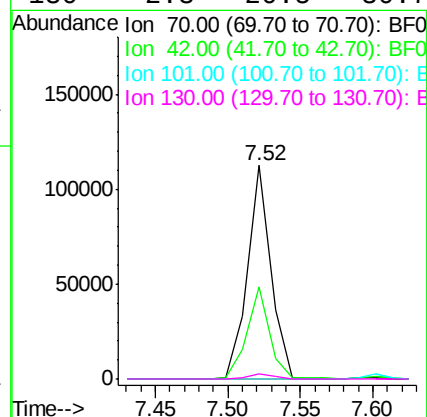
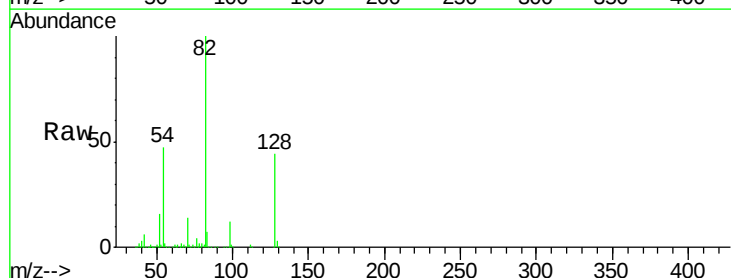
Ion Ratio Lower Upper

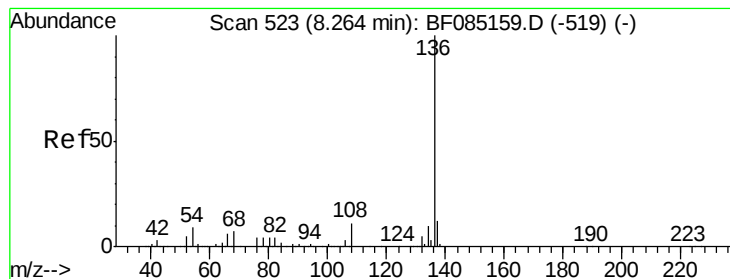
70 100

42 43.4 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP-0.5-5.0

Tgt Ion:136 Resp: 566384

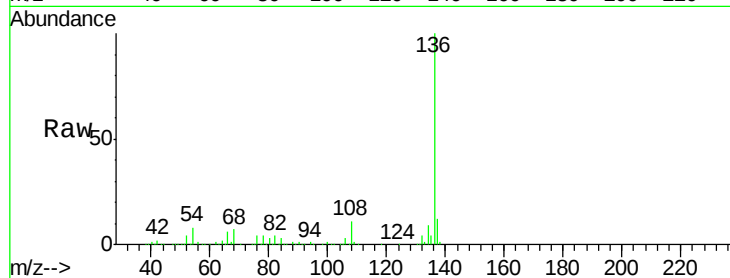
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 8.3 7.4 11.2

68 7.1 6.0 9.0

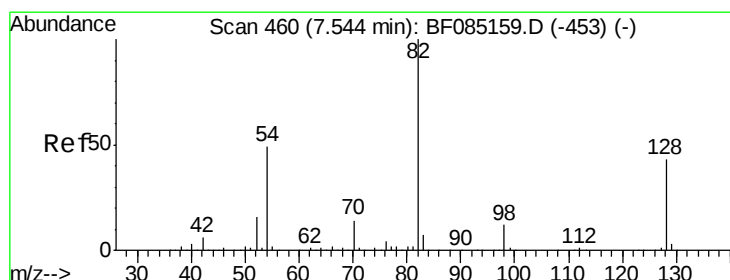
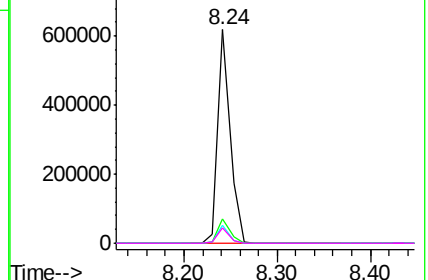
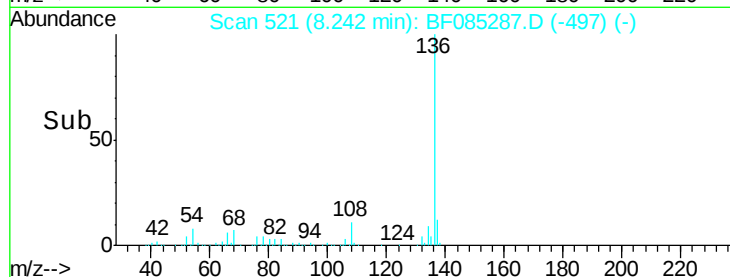


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.89 ng

RT: 7.52 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

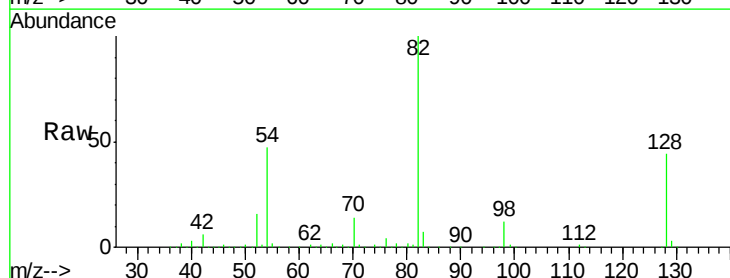
Tgt Ion: 82 Resp: 972585

Ion Ratio Lower Upper

82 100

128 44.0 34.5 51.7

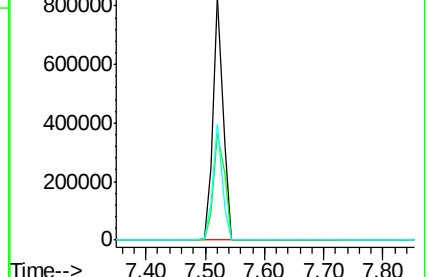
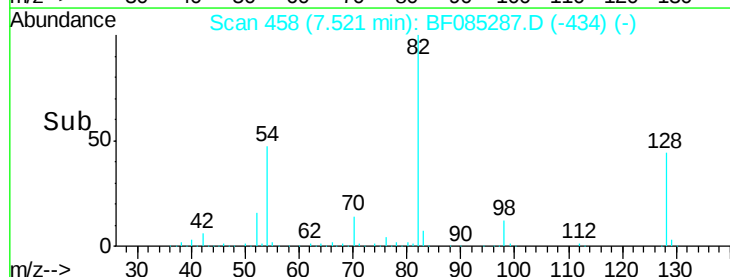
54 47.4 39.3 58.9

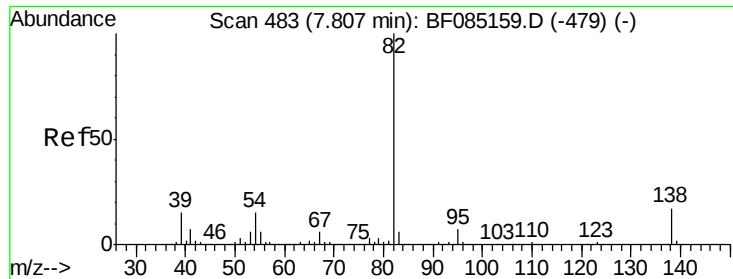


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

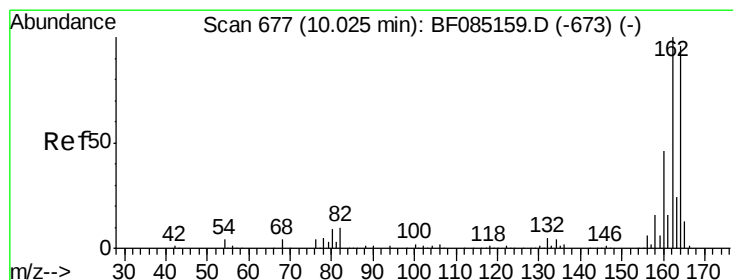
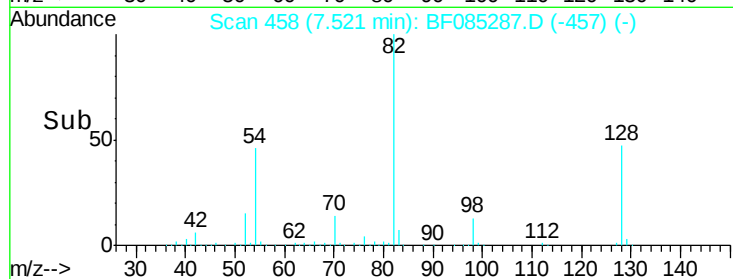
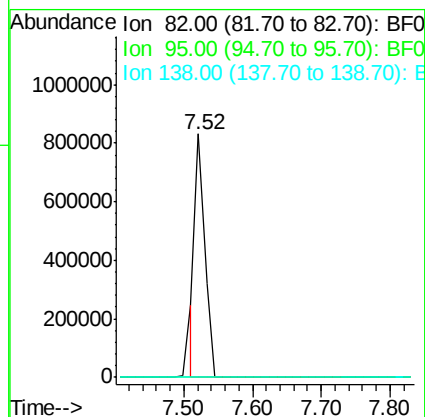
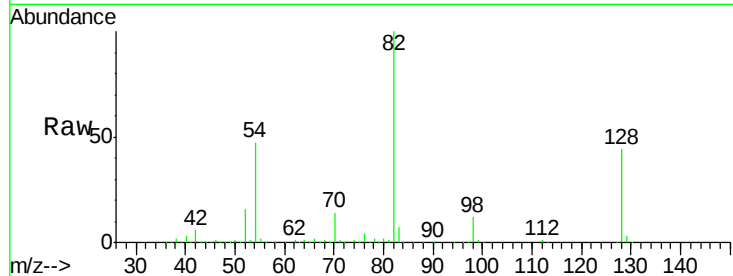




#25
Isophorone
Concen: 40.75 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF085287.D
Acq: 9 Mar 2016 6:02

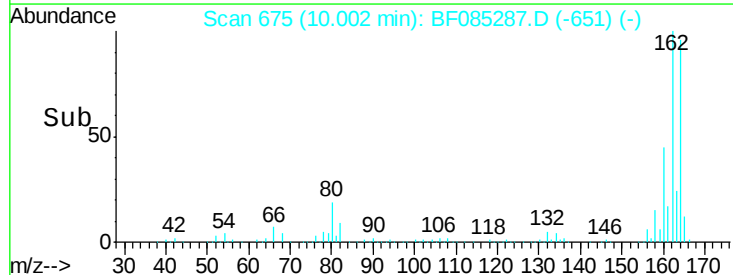
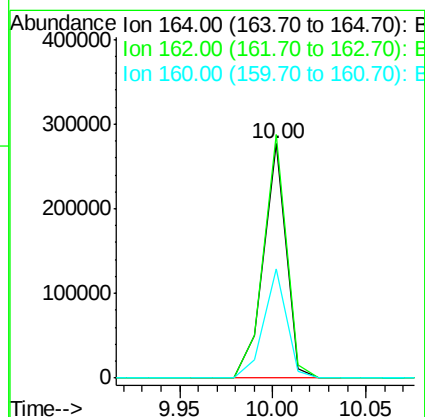
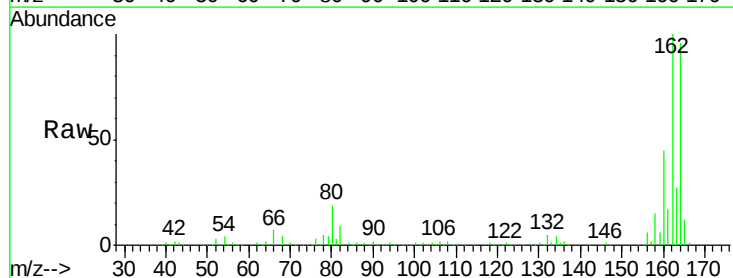
Instrument :
BNA_F
ClientSampleId :
SB-50-COMP-0.5-5.0

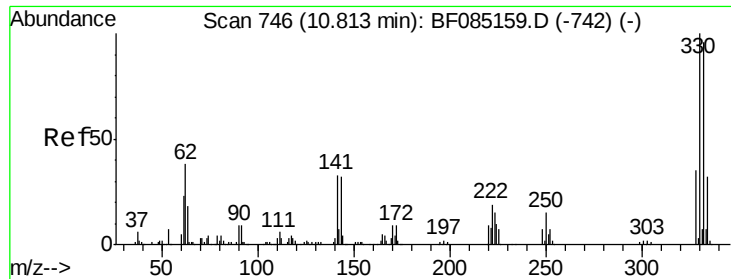
Tgt Ion: 82 Resp: 799264
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.3 19.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085287.D
Acq: 9 Mar 2016 6:02

Tgt Ion: 164 Resp: 231547
Ion Ratio Lower Upper
164 100
162 104.0 83.3 124.9
160 46.9 37.9 56.9

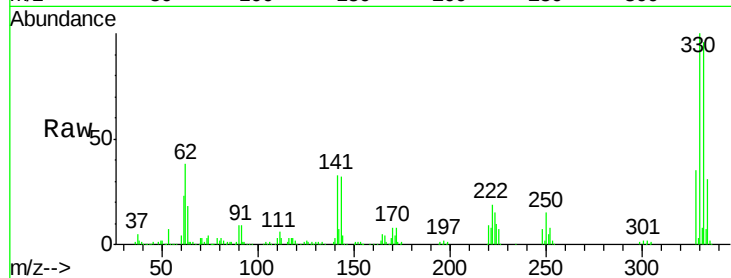




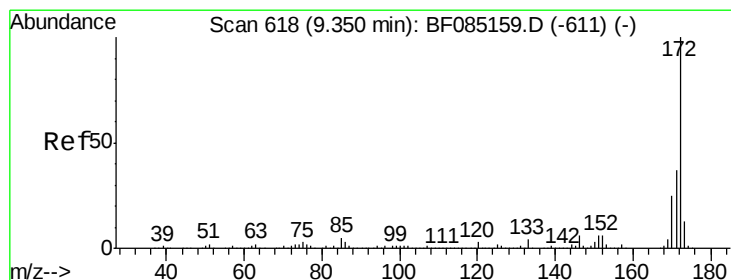
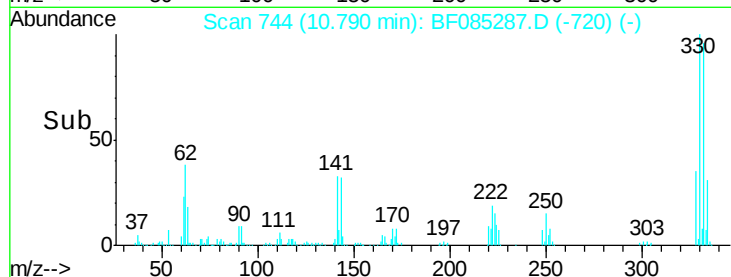
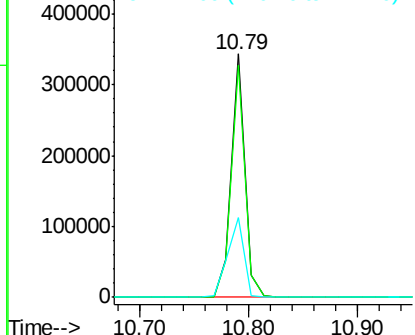
#41
 2,4,6-Tribromophenol
 Concen: 149.75 ng
 RT: 10.79 min Scan# 744
 Delta R.T. -0.02 min
 Lab File: BF085287.D
 Acq: 9 Mar 2016 6:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-50-COMP-0.5-5.0

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	39.6	35.0	52.6

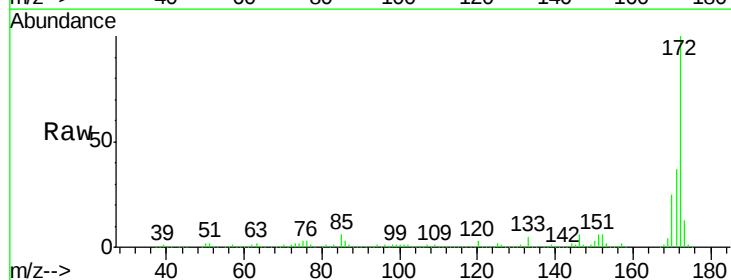


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

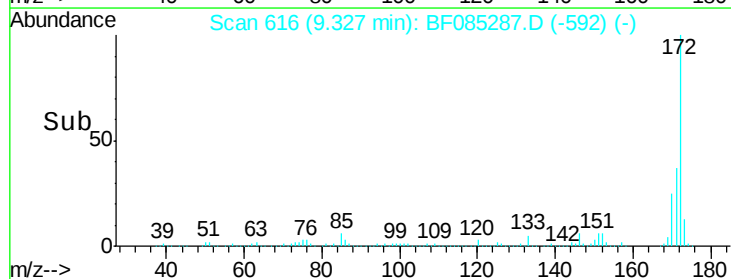
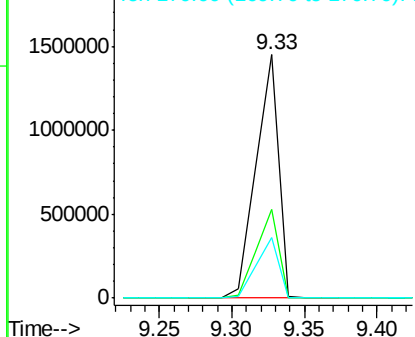


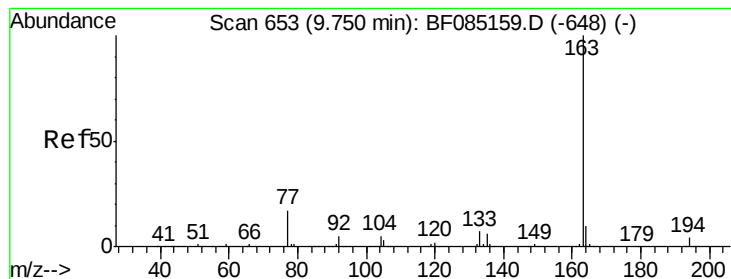
#44
 2-Fluorobiphenyl
 Concen: 102.63 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085287.D
 Acq: 9 Mar 2016 6:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	25.1	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: 21.26 ng

RT: 9.72 min Scan# 650

Delta R.T. -0.03 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP-0.5-5.0

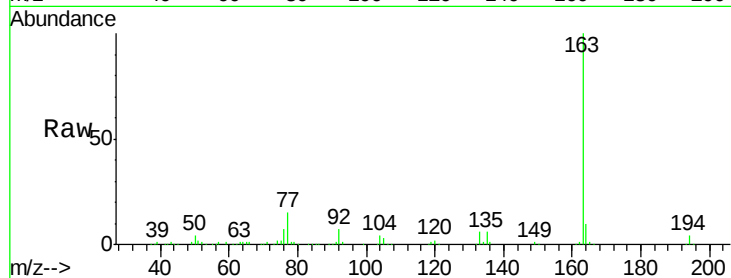
Tgt Ion:163 Resp: 377814

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

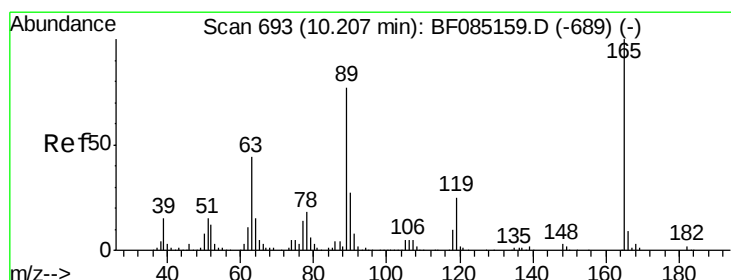
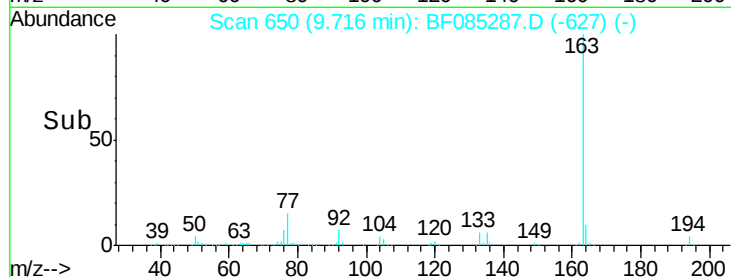
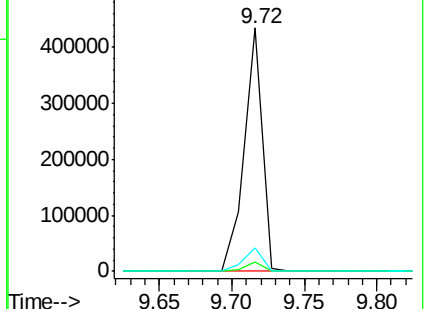
164 9.9 8.2 12.4



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: 6.11 ng

RT: 10.00 min Scan# 675

Delta R.T. -0.21 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Tgt Ion:165 Resp: 29750

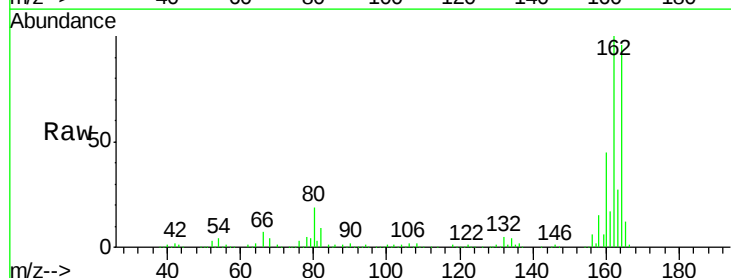
Ion Ratio Lower Upper

165 100

63 1.4 35.4 53.0#

89 1.4 61.9 92.9#

182 0.0 1.9 2.9#

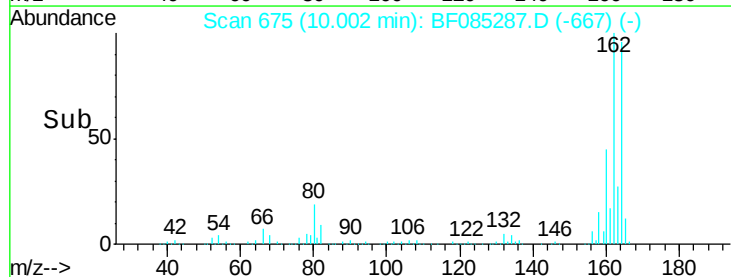
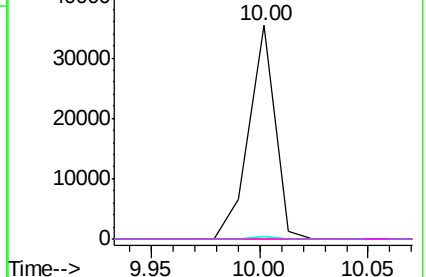


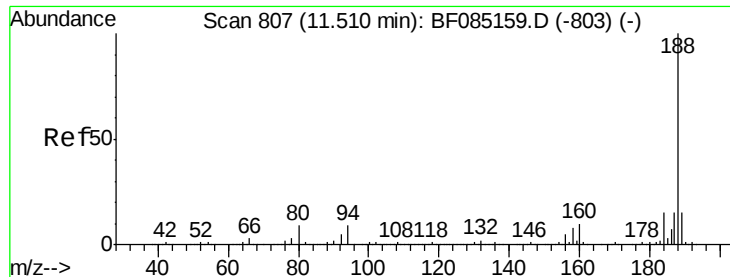
Abundance Ion 165.00 (164.70 to 165.70): E

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

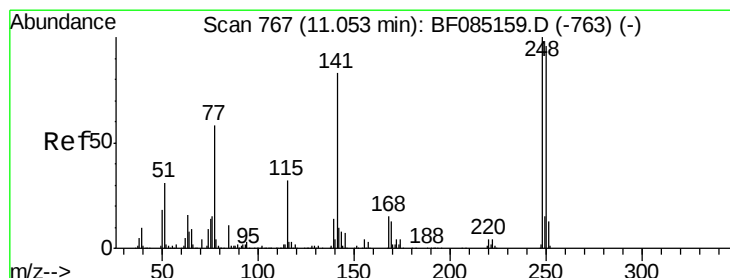
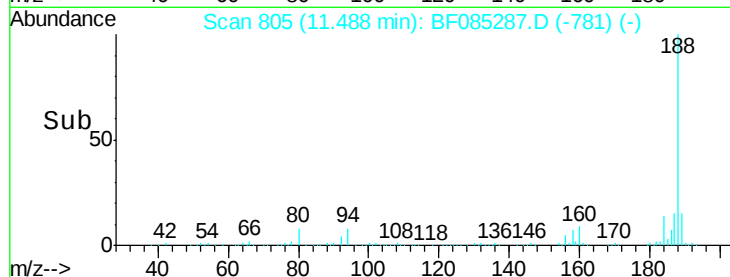
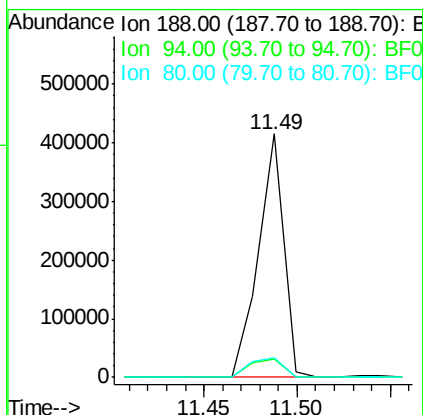
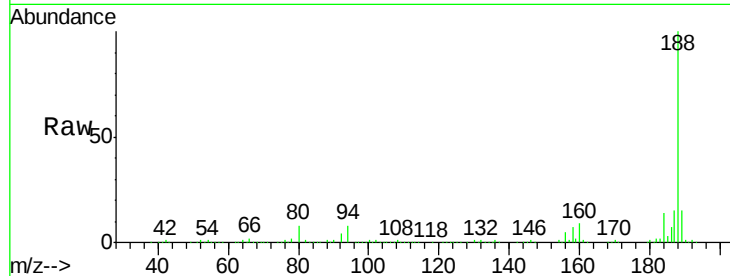




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085287.D
Acq: 9 Mar 2016 6:02

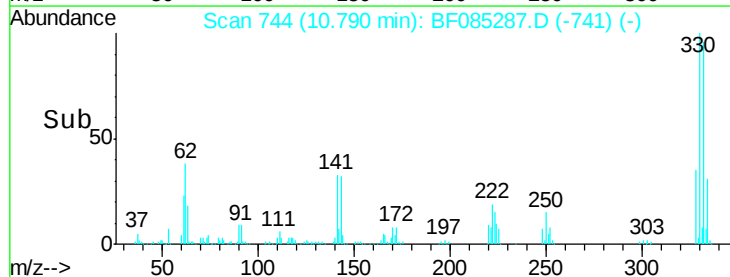
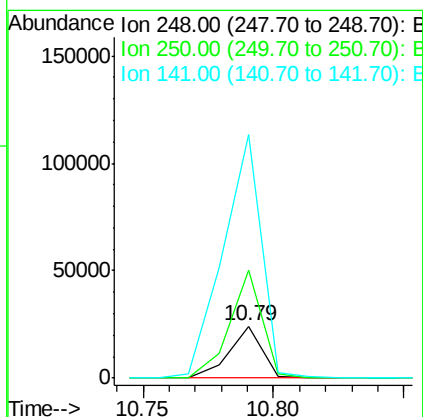
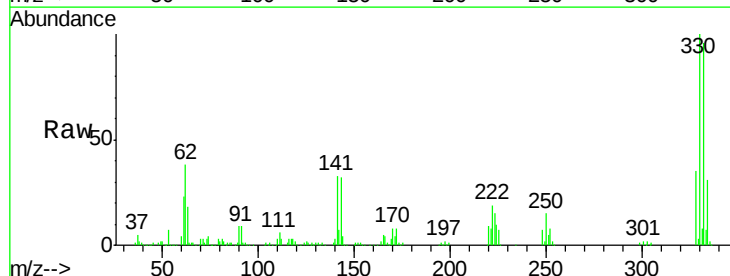
Instrument :
BNA_F
ClientSampleId :
SB-50-COMP-0.5-5.0

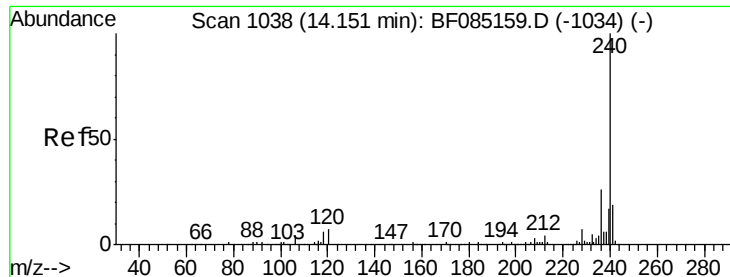
Tgt Ion:188 Resp: 387414
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.1 7.4 11.0



#66
4-Bromophenyl-phenylether
Concen: 5.70 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF085287.D
Acq: 9 Mar 2016 6:02

Tgt Ion:248 Resp: 21439
Ion Ratio Lower Upper
248 100
250 207.3 77.1 115.7#
141 466.2 66.2 99.2#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

Instrument :

BNA_F

ClientSampleId :

SB-50-COMP-0.5-5.0

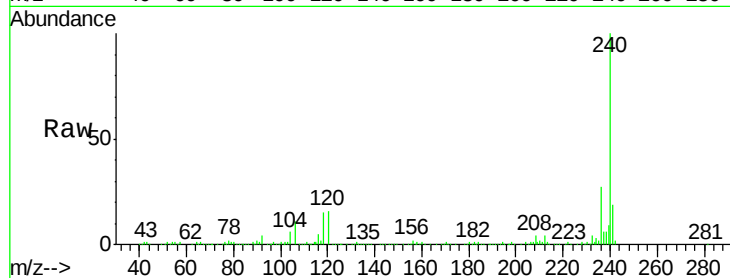
Tgt Ion:240 Resp: 258215

Ion Ratio Lower Upper

240 100

120 16.1 5.3 7.9#

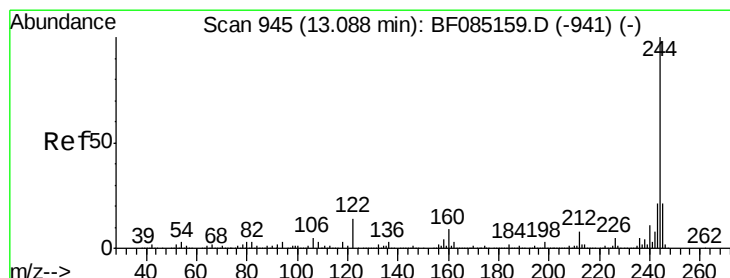
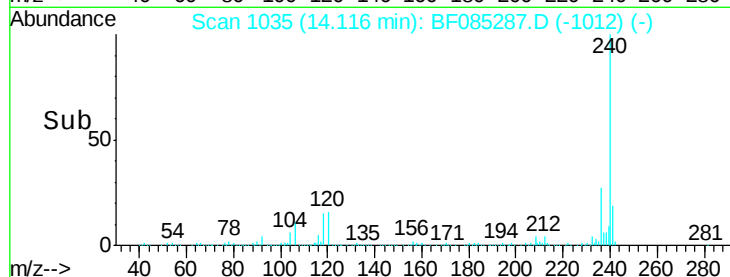
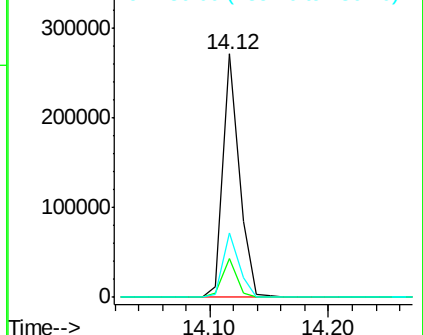
236 26.7 20.7 31.1



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: 91.20 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085287.D

Acq: 9 Mar 2016 6:02

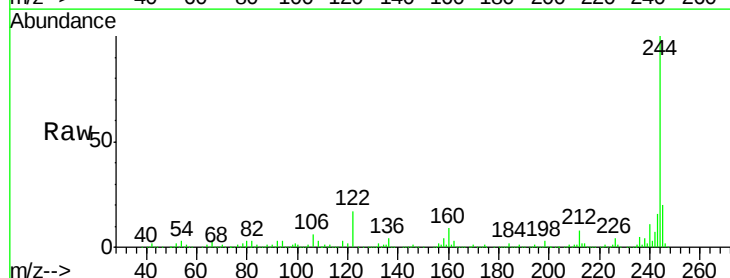
Tgt Ion:244 Resp: 1014474

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

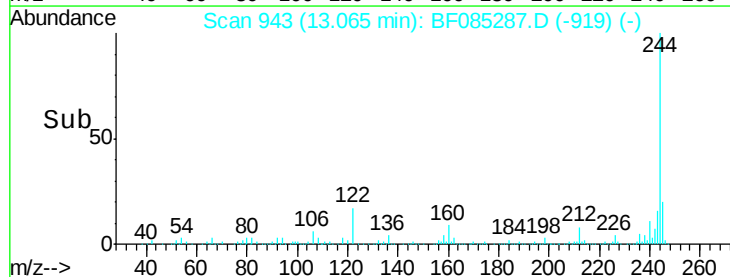
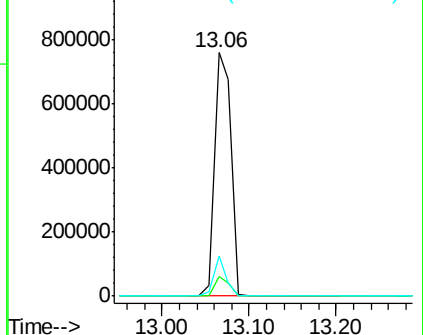
122 16.5 11.4 17.2

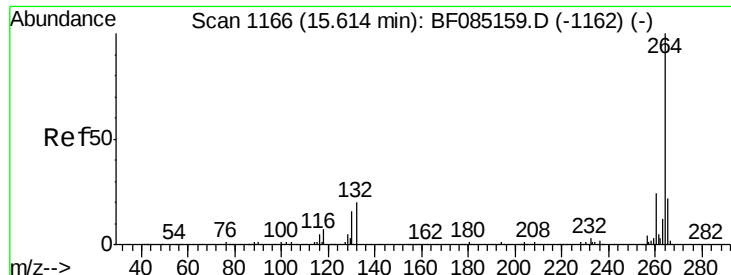


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085287.D
Acq: 9 Mar 2016 6:02

Instrument :
BNA_F
ClientSampleId :
SB-50-COMP-0.5-5.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.3	17.3	25.9

