

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085421.D
 Acq On : 14 Mar 2016 11:37
 Operator : UM/SJ
 Sample : H1731-24RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Quant Time: Mar 15 00:55:41 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

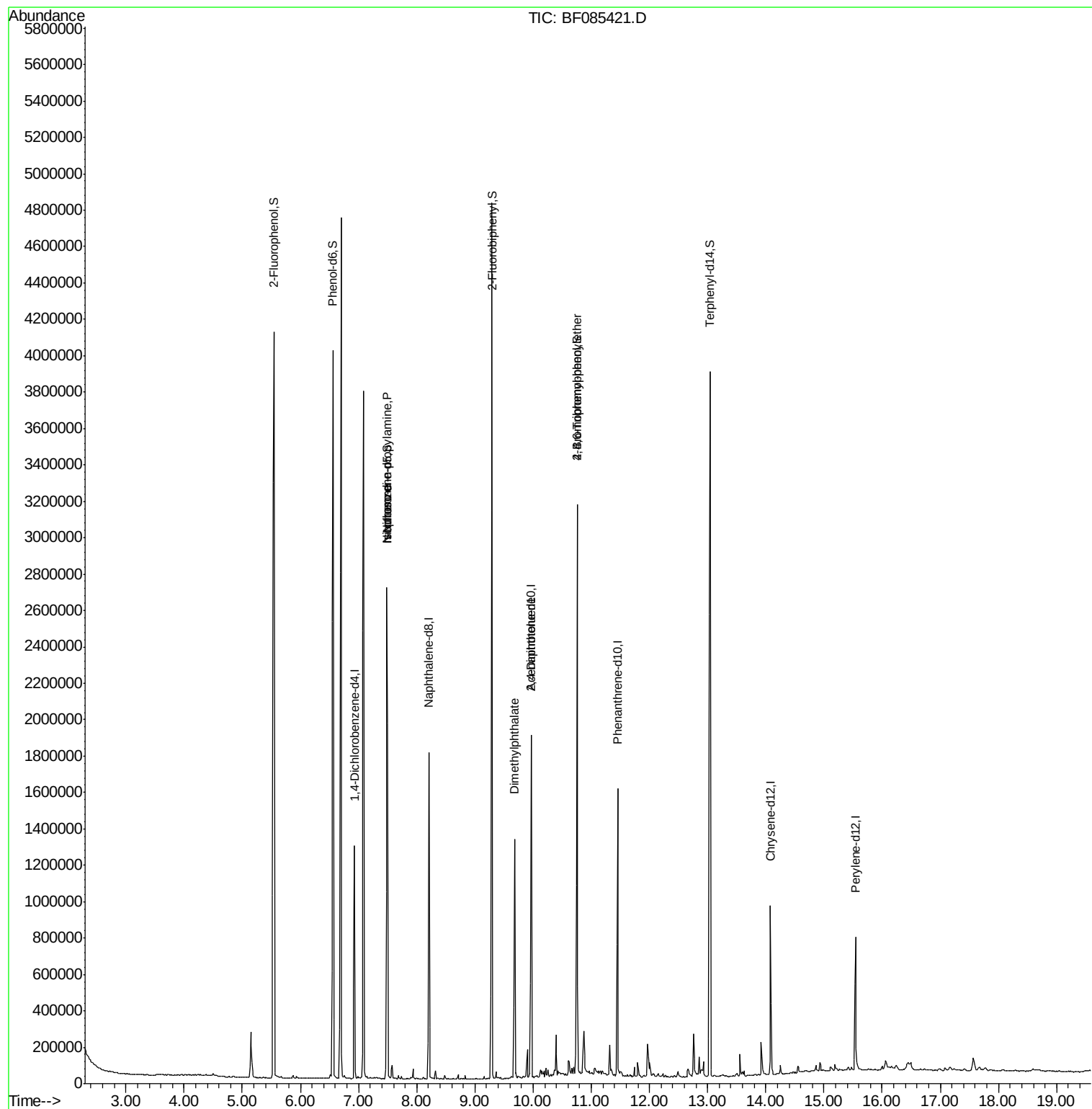
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	209517	20.00	ng	-0.06
21) Naphthalene-d8	8.21	136	768638	20.00	ng	-0.06
38) Acenaphthene-d10	9.97	164	364937	20.00	ng	-0.06
63) Phenanthrene-d10	11.45	188	639912	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	330824	20.00	ng	-0.07
86) Perylene-d12	15.55	264	341014	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1754897	140.50	ng	-0.03
7) Phenol-d6	6.56	99	1920122	117.33	ng	-0.05
23) Nitrobenzene-d5	7.49	82	1394487	97.08	ng	-0.06
41) 2,4,6-Tribromophenol	10.76	330	411431	131.76	ng	-0.06
44) 2-Fluorobiphenyl	9.29	172	1918865	79.97	ng	-0.06
78) Terphenyl-d14	13.04	244	1524636	106.98	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	184096	17.26	ng	# 77
25) Isophorone	7.49	82	1132173	42.53	ng	# 67
49) Dimethylphthalate	9.68	163	537727	19.20	ng	99
56) 2,4-Dinitrotoluene	9.97	165	47402	6.18	ng	# 21
66) 4-Bromophenyl-phenylether	10.76	248	27592	4.44	ng	# 1

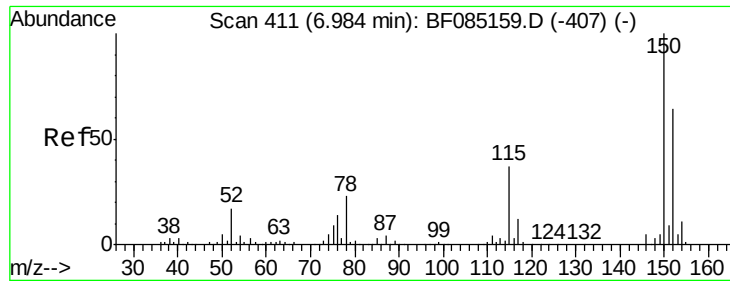
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085421.D
Acq On : 14 Mar 2016 11:37
Operator : UM/SJ
Sample : H1731-24RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Quant Time: Mar 15 00:55:41 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 406

Delta R.T. -0.06 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

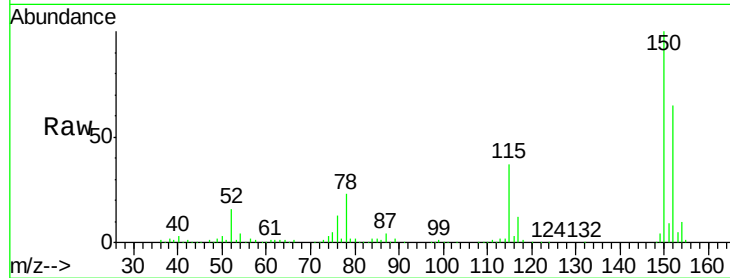
Tgt Ion:152 Resp: 209517

Ion Ratio Lower Upper

152 100

150 153.9 124.6 186.8

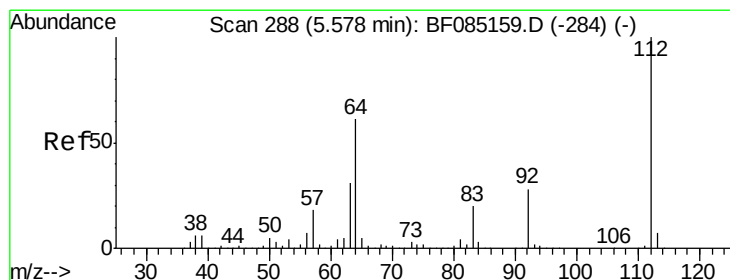
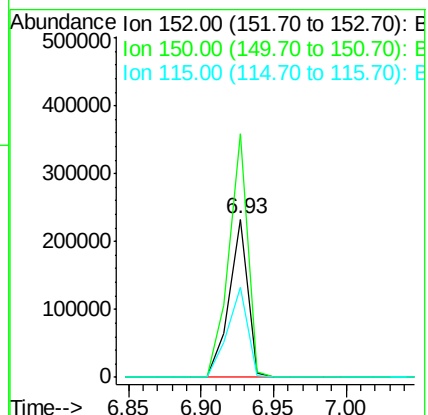
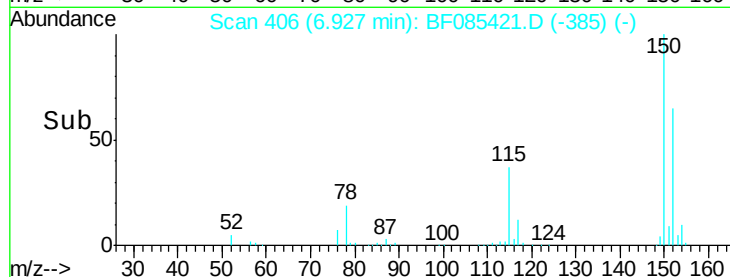
115 57.1 46.6 70.0



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: 140.50 ng

RT: 5.54 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

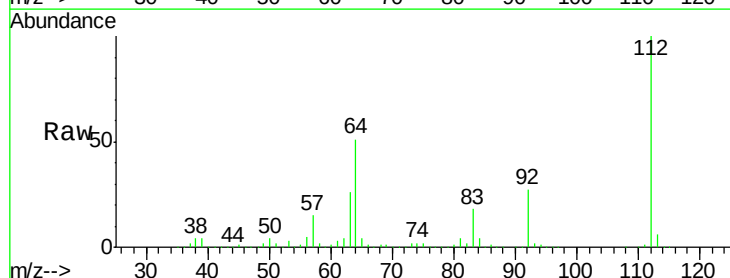
Tgt Ion:112 Resp: 1754897

Ion Ratio Lower Upper

112 100

64 50.8 49.0 73.4

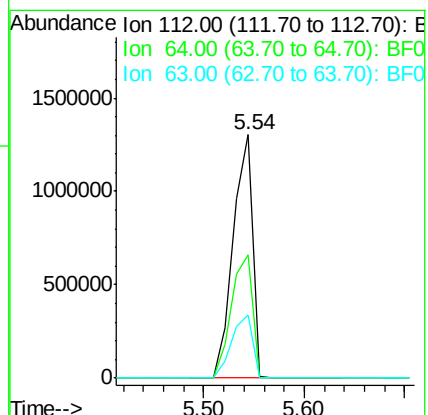
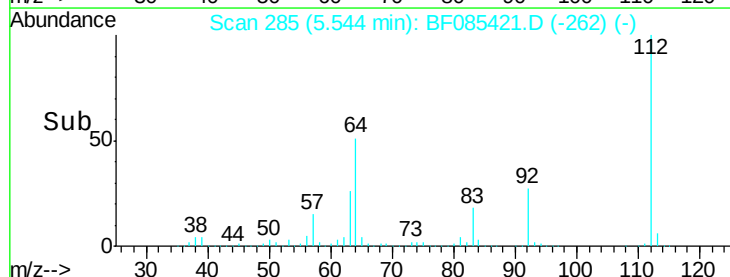
63 26.0 24.8 37.2

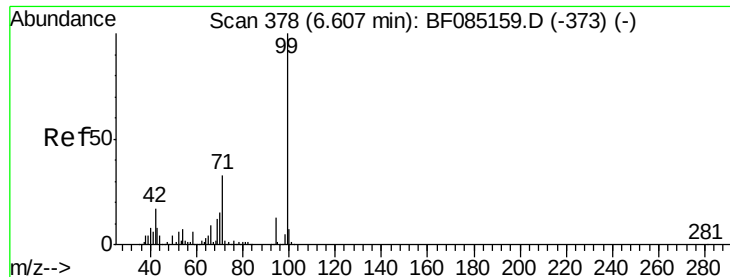


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.33 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

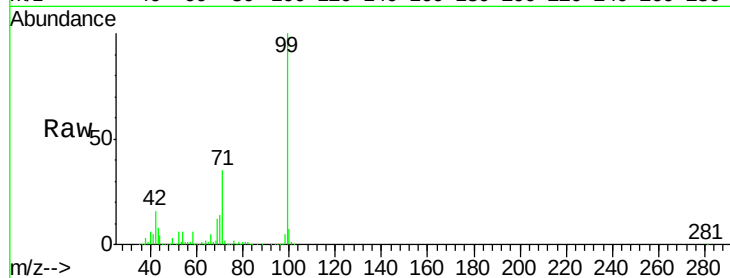
Tgt Ion: 99 Resp: 1920122

Ion Ratio Lower Upper

99 100

42 16.0 13.6 20.4

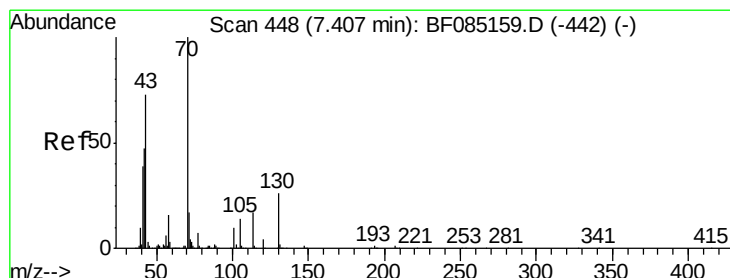
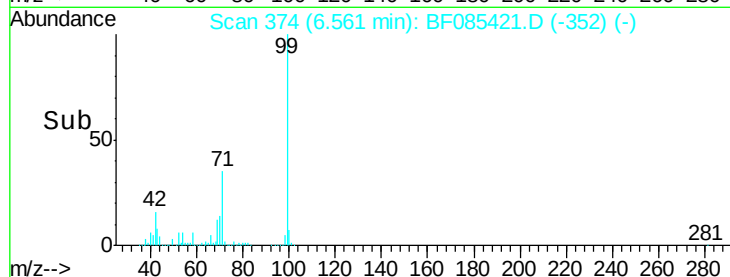
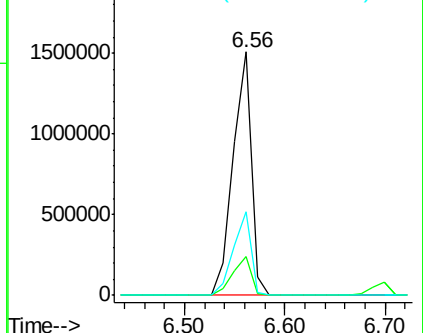
71 34.5 26.7 40.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.26 ng

RT: 7.49 min Scan# 455

Delta R.T. 0.08 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Tgt Ion: 70 Resp: 184096

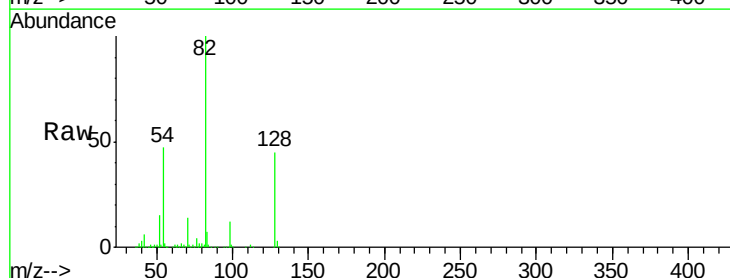
Ion Ratio Lower Upper

70 100

42 41.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.3 20.5 30.7#

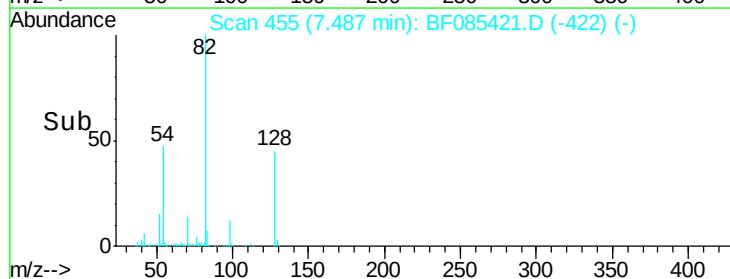
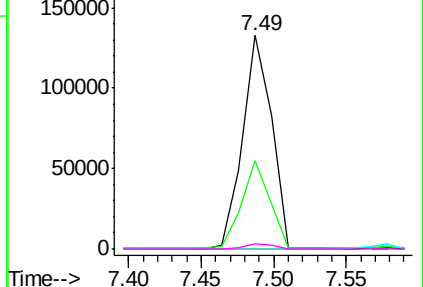


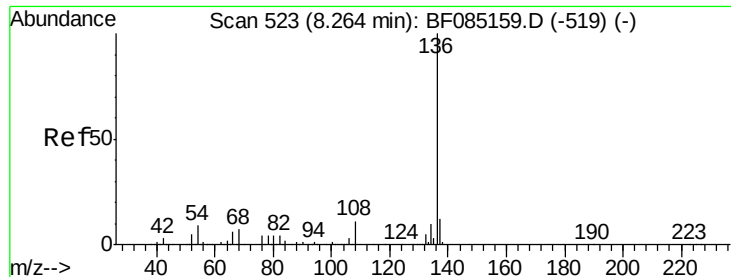
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

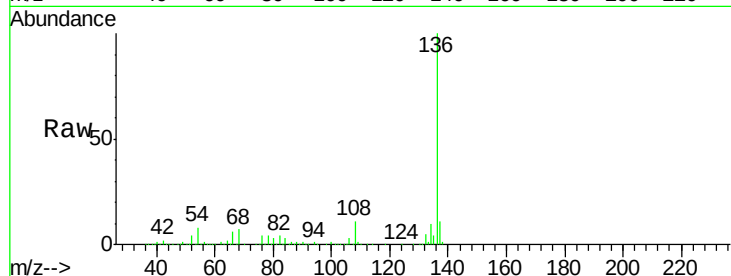




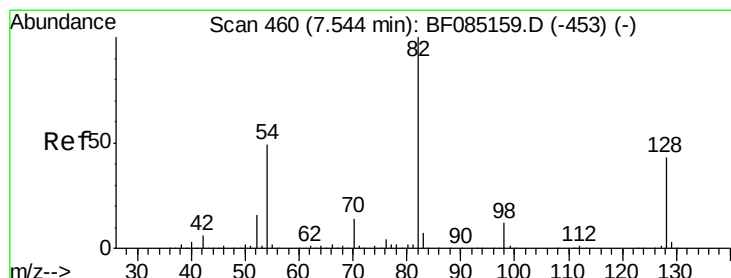
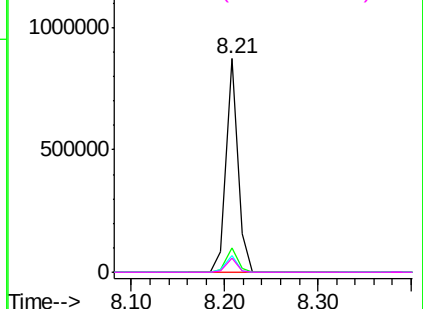
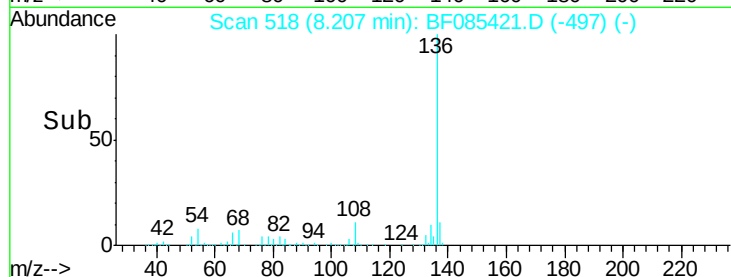
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF085421.D
Acq: 14 Mar 2016 11:37

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion:	136	Resp:	768638
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	7.9	7.4	11.2
68	6.6	6.0	9.0

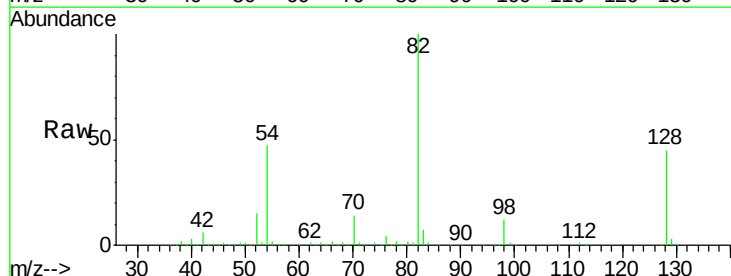


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

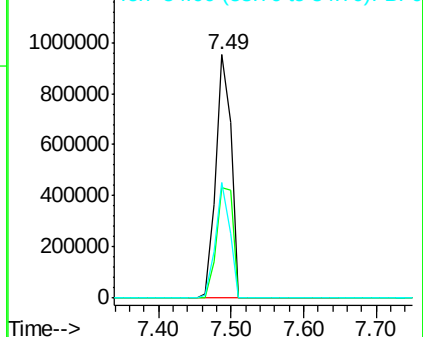
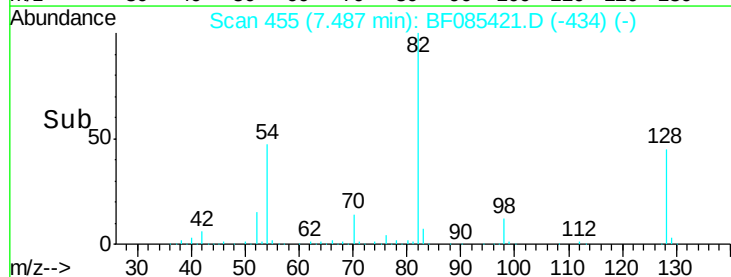


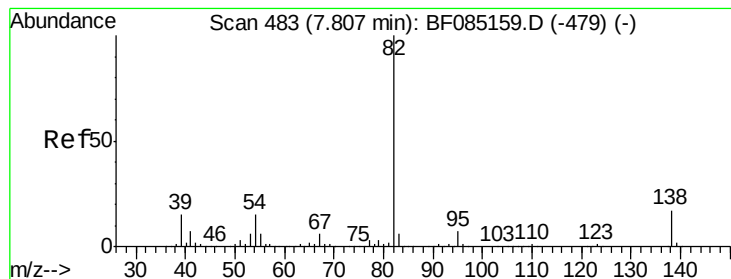
#23
Nitrobenzene-d5
Concen: 97.08 ng
RT: 7.49 min Scan# 455
Delta R.T. -0.06 min
Lab File: BF085421.D
Acq: 14 Mar 2016 11:37

Tgt Ion:	82	Resp:	1394487
Ion	Ratio	Lower	Upper
82	100		
128	45.2	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: 42.53 ng

RT: 7.49 min Scan# 455

Delta R.T. -0.32 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

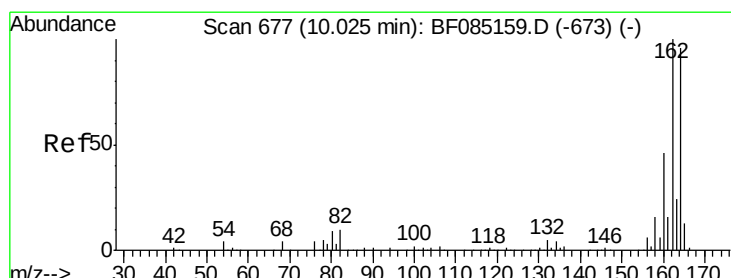
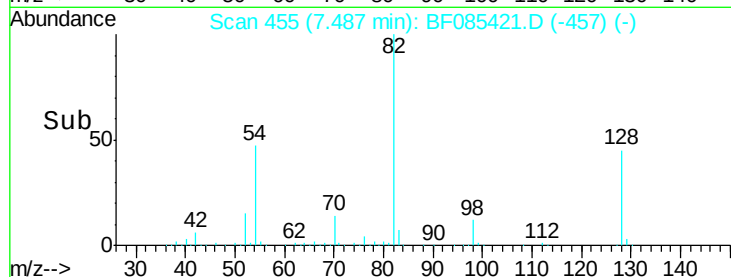
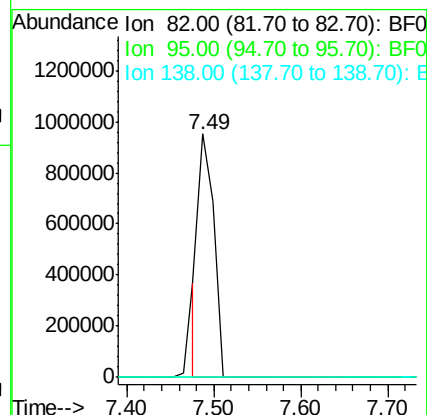
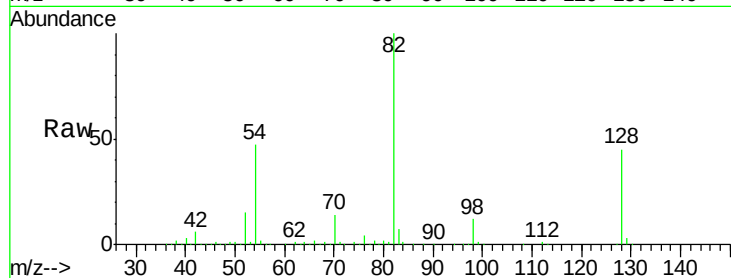
Tgt Ion: 82 Resp: 1132173

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: 9.97 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

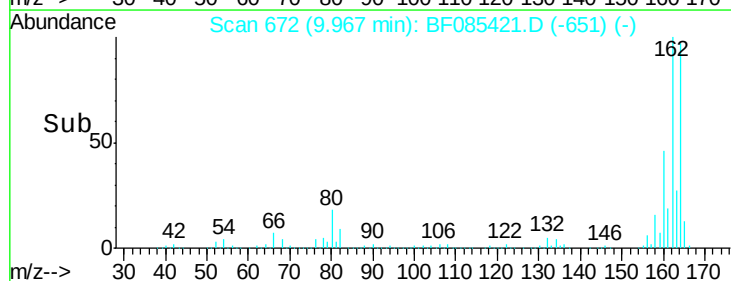
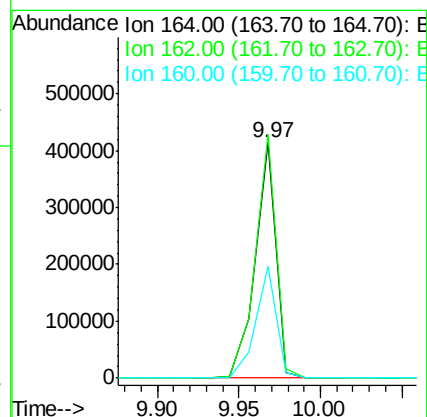
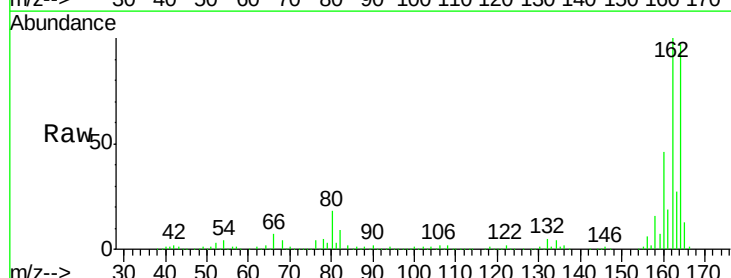
Tgt Ion: 164 Resp: 364937

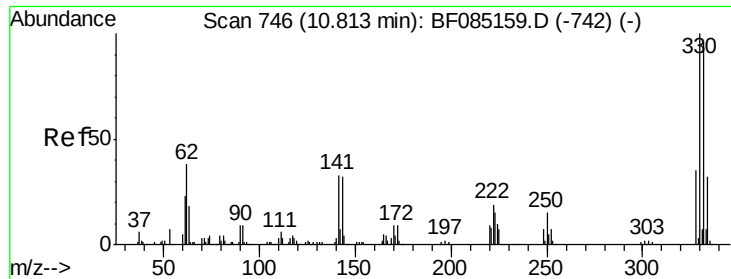
Ion Ratio Lower Upper

164 100

162 103.2 83.3 124.9

160 47.4 37.9 56.9

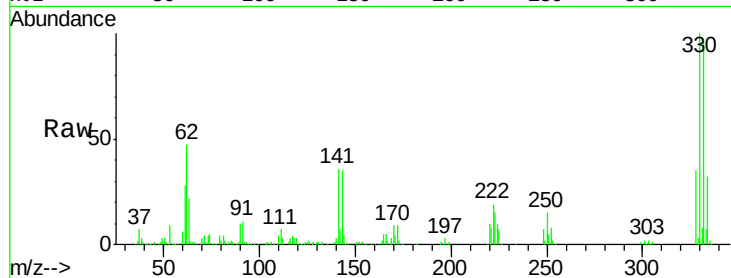




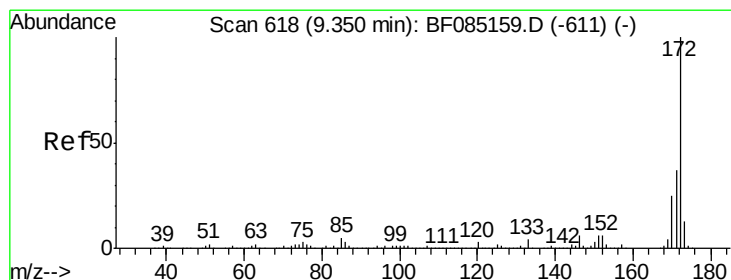
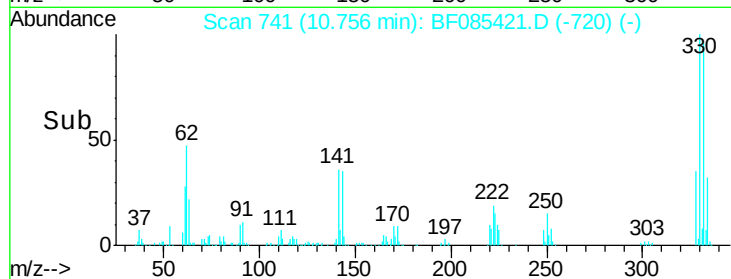
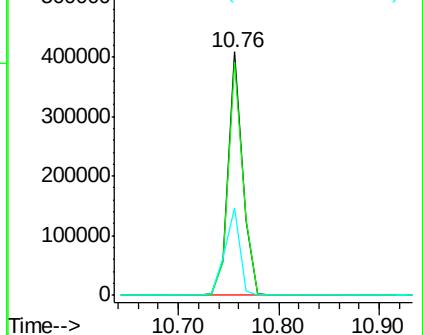
#41
 2,4,6-Tribromophenol
 Concen: 131.76 ng
 RT: 10.76 min Scan# 741
 Delta R.T. -0.06 min
 Lab File: BF085421.D
 Acq: 14 Mar 2016 11:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tgt Ion:330 Resp: 411431
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 37.2 35.0 52.6

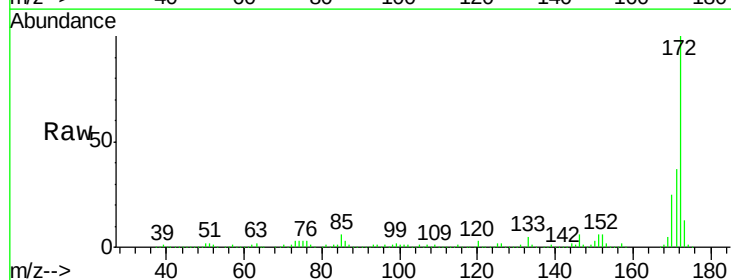


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

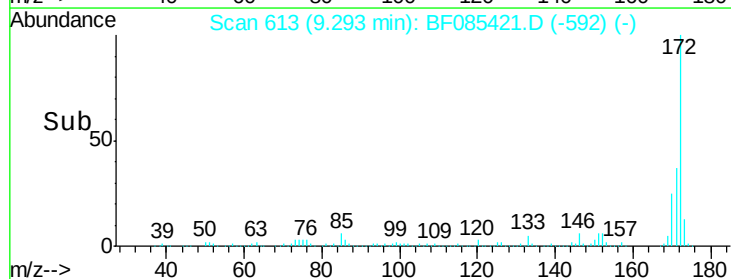
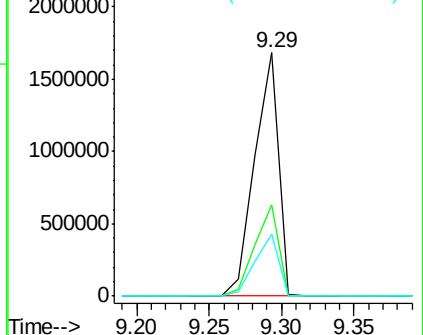


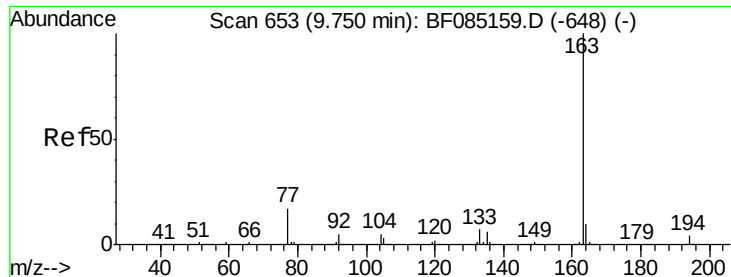
#44
 2-Fluorobiphenyl
 Concen: 79.97 ng
 RT: 9.29 min Scan# 613
 Delta R.T. -0.06 min
 Lab File: BF085421.D
 Acq: 14 Mar 2016 11:37

Tgt Ion:172 Resp: 1918865
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.3 43.9
 170 25.5 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: 19.20 ng

RT: 9.68 min Scan# 647

Delta R.T. -0.07 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

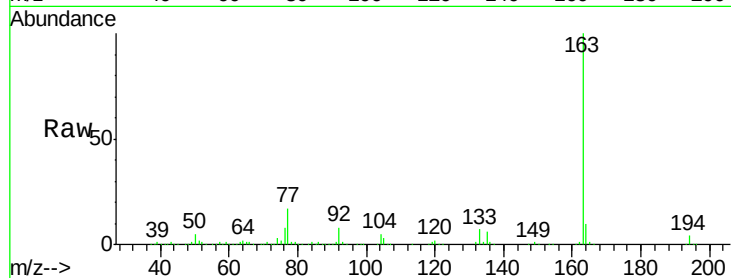
Tgt Ion:163 Resp: 537727

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

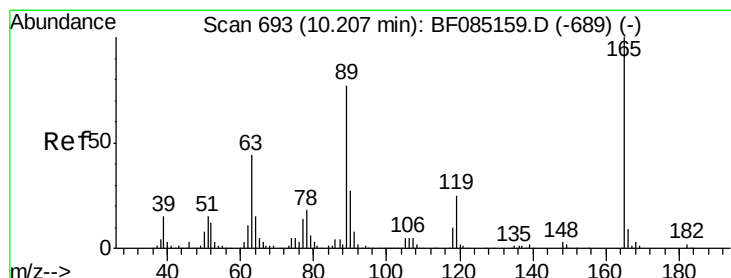
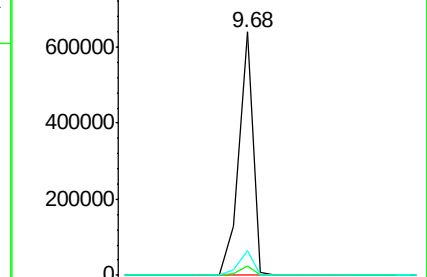
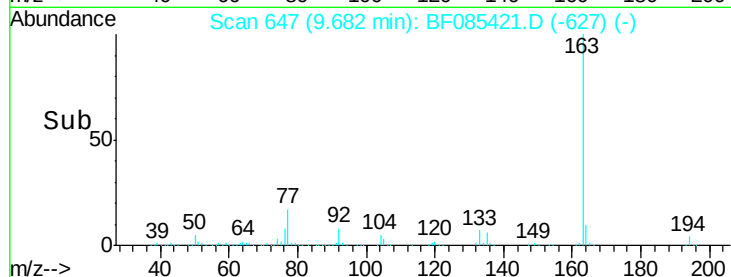
164 9.9 8.2 12.4



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: 6.18 ng

RT: 9.97 min Scan# 672

Delta R.T. -0.24 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Tgt Ion:165 Resp: 47402

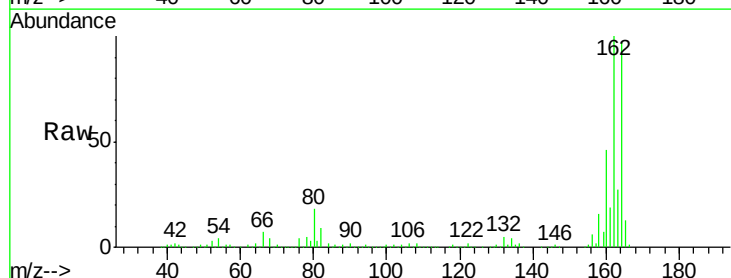
Ion Ratio Lower Upper

165 100

63 1.2 35.4 53.0#

89 1.4 61.9 92.9#

182 0.0 1.9 2.9#

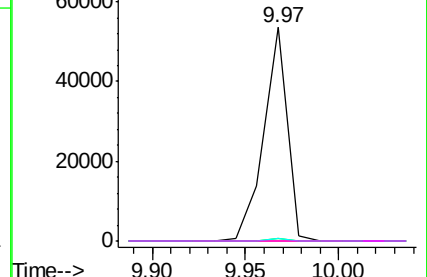
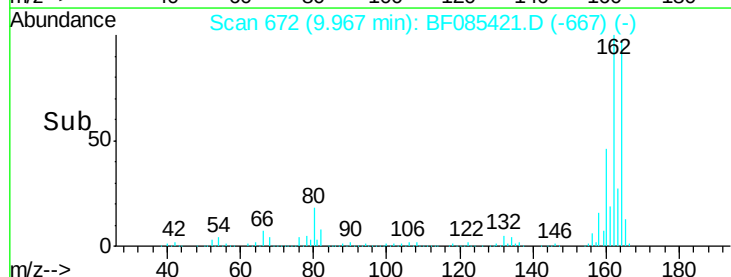


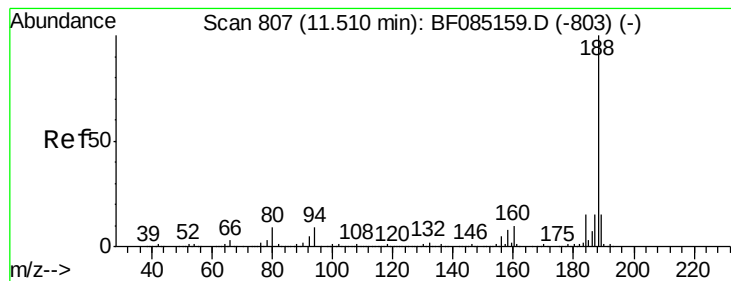
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.45 min Scan# 802

Delta R.T. -0.06 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

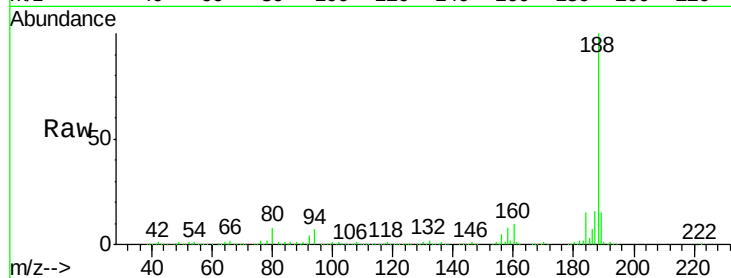
Tgt Ion:188 Resp: 639912

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

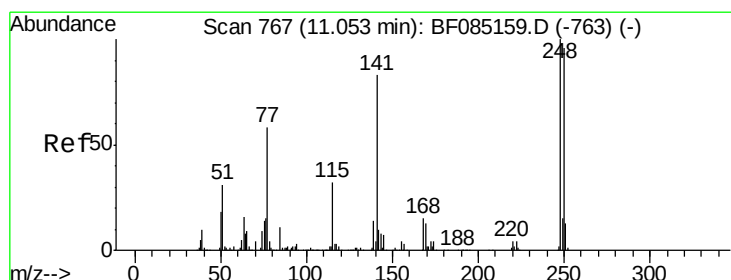
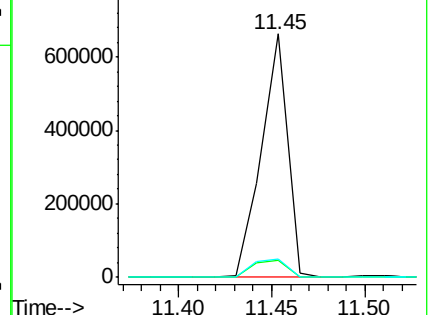
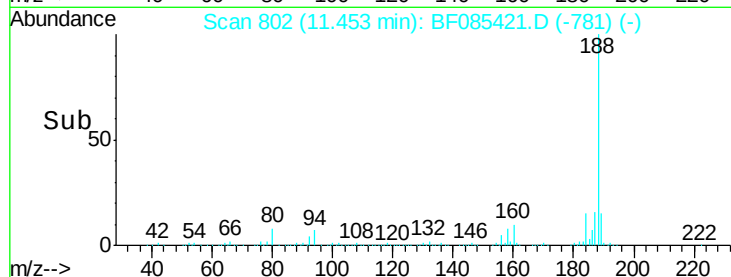
80 7.6 7.4 11.0



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: 4.44 ng

RT: 10.76 min Scan# 741

Delta R.T. -0.30 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

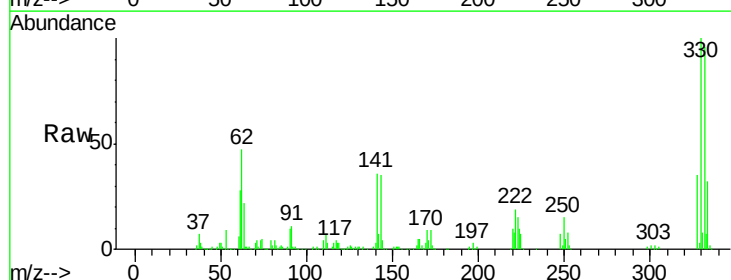
Tgt Ion:248 Resp: 27592

Ion Ratio Lower Upper

248 100

250 206.2 77.1 115.7#

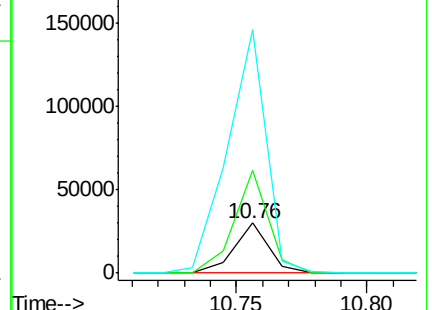
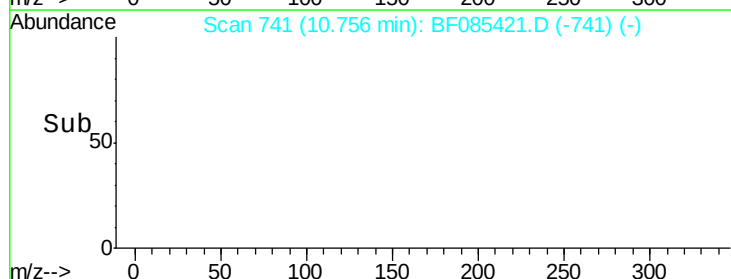
141 488.5 66.2 99.2#

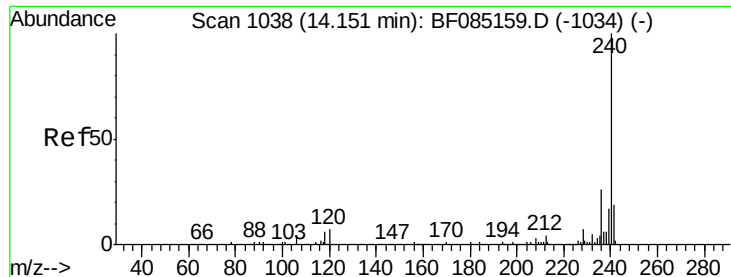


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.08 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

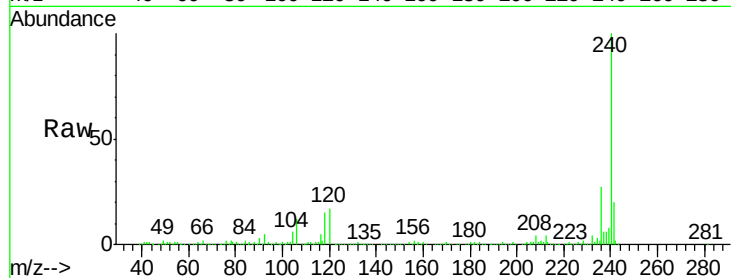
Tgt Ion:240 Resp: 330824

Ion Ratio Lower Upper

240 100

120 16.9 5.3 7.9#

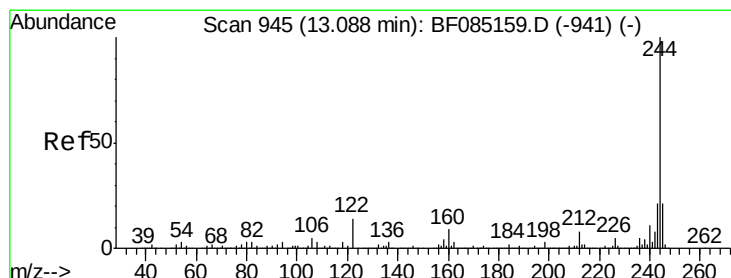
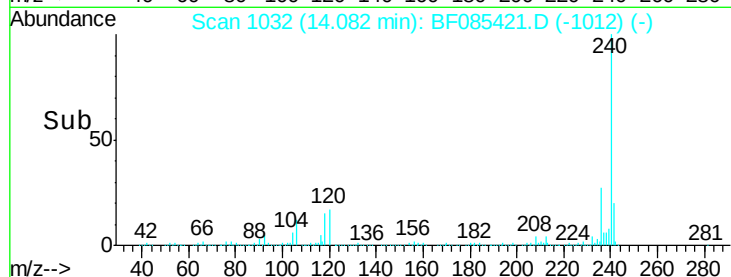
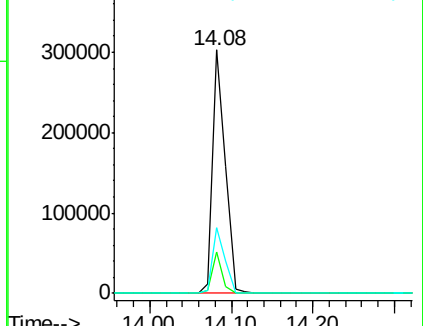
236 26.9 20.7 31.1



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: 106.98 ng

RT: 13.04 min Scan# 941

Delta R.T. -0.05 min

Lab File: BF085421.D

Acq: 14 Mar 2016 11:37

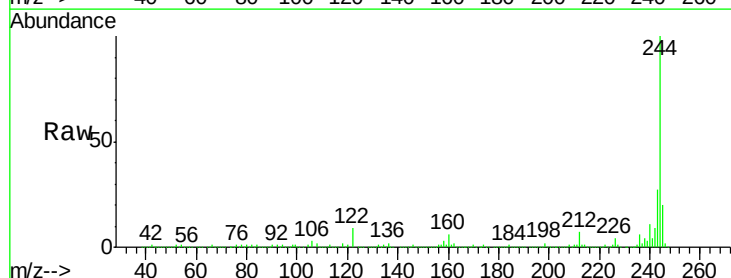
Tgt Ion:244 Resp: 1524636

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

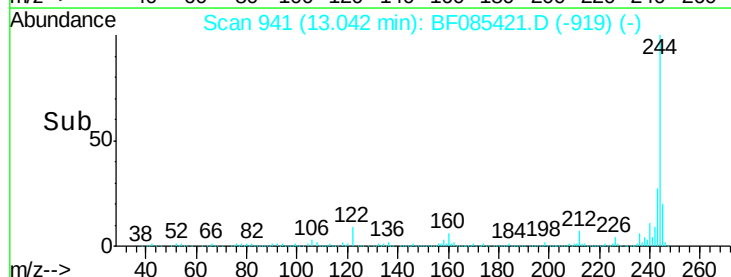
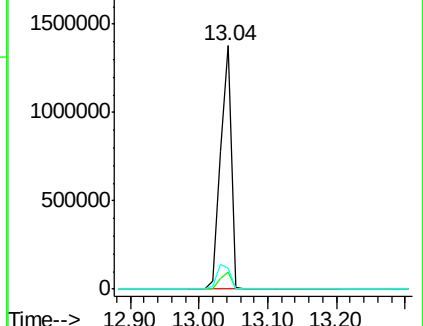
122 8.6 11.4 17.2#

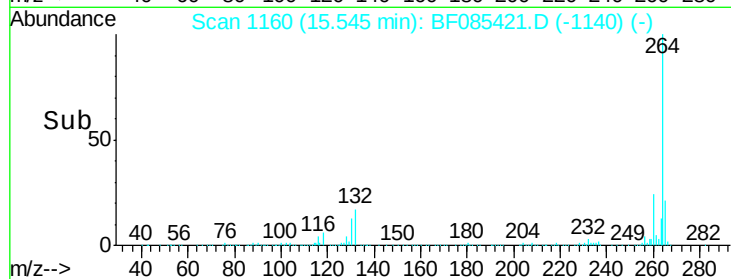
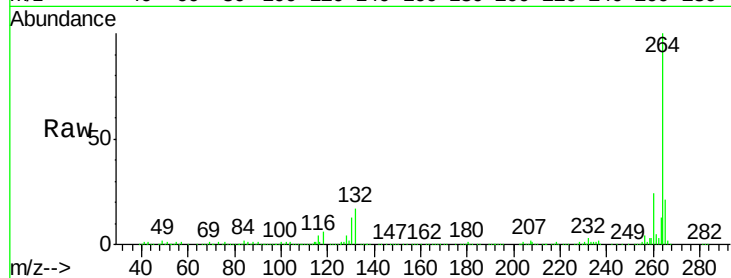
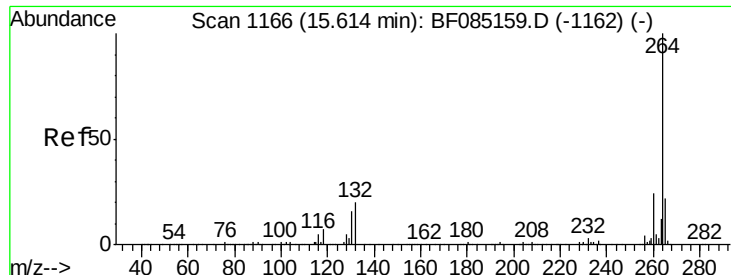


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.55 min Scan# 1160
Delta R.T. -0.07 min
Lab File: BF085421.D
Acq: 14 Mar 2016 11:37

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.4	17.3	25.9

