

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085677.D
 Acq On : 22 Mar 2016 23:56
 Operator : UM/SJ
 Sample : H1864-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Quant Time: Mar 23 00:08:35 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

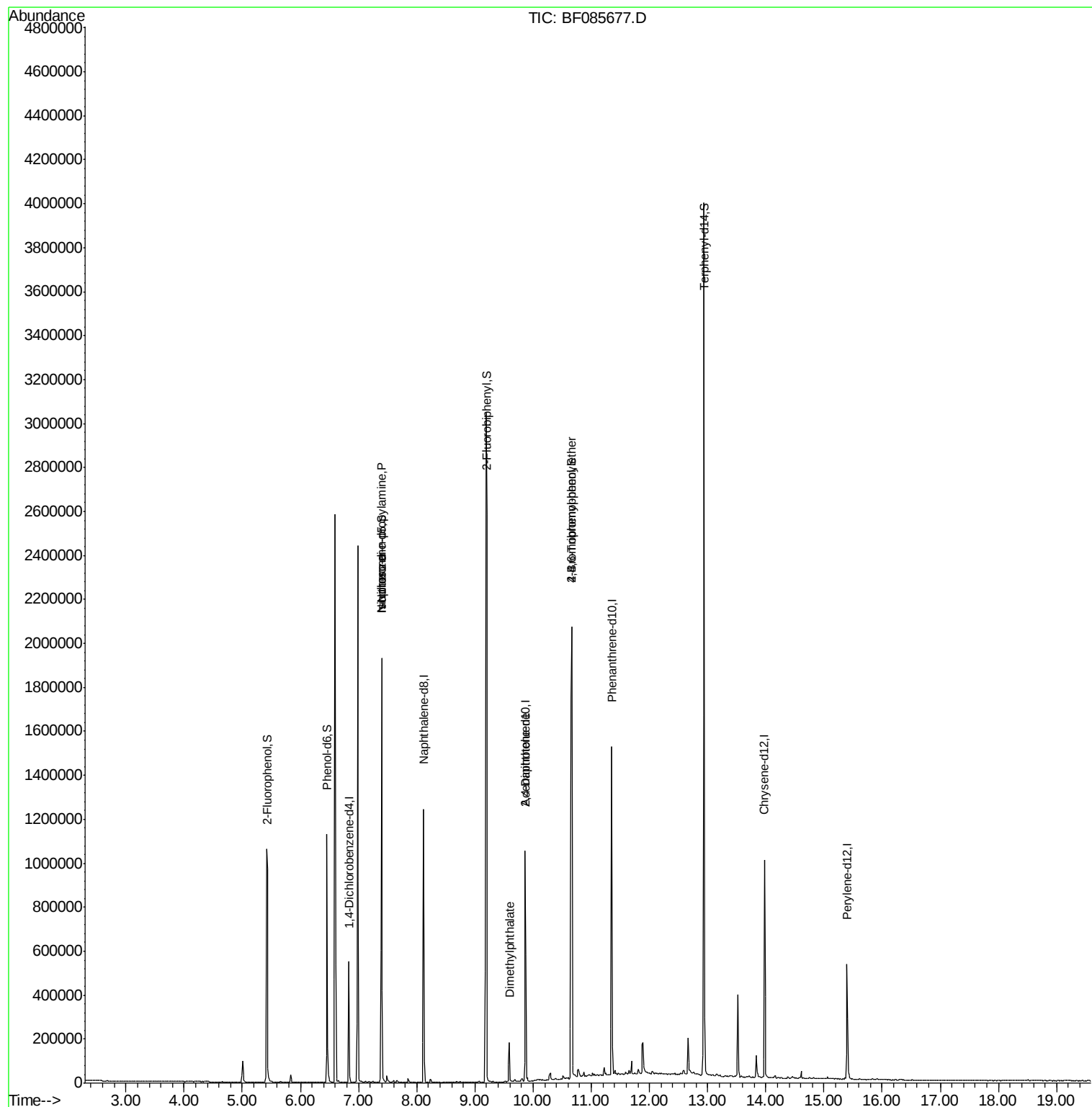
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123025	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	533883	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	237463	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	501482	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	358539	20.00	ng	-0.03
86) Perylene-d12	15.40	264	237893	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	471400	64.36	ng	-0.02
7) Phenol-d6	6.46	99	387311	41.23	ng	-0.03
23) Nitrobenzene-d5	7.40	82	730876	79.46	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	416223	178.94	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1477817	117.06	ng	-0.02
78) Terphenyl-d14	12.94	244	1370923	92.01	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	95498	17.02	ng	# 79
25) Isophorone	7.40	82	578777	31.43	ng	# 68
49) Dimethylphthalate	9.59	163	84561	4.72	ng	98
56) 2,4-Dinitrotoluene	9.86	165	29679	5.99	ng	# 38
66) 4-Bromophenyl-phenylether	10.66	248	25962	5.18	ng	# 1

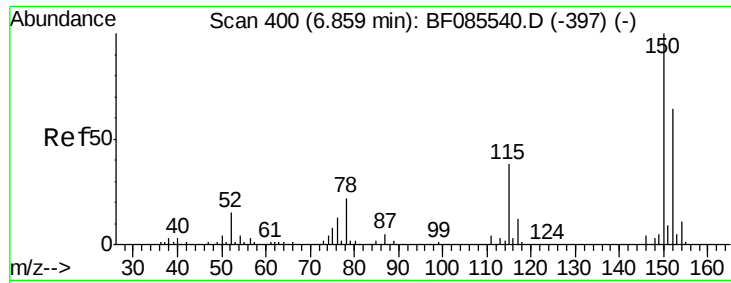
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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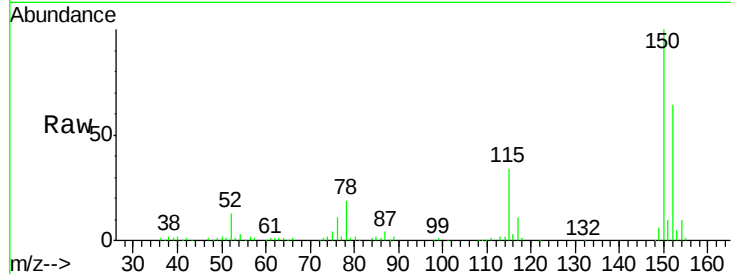


#1

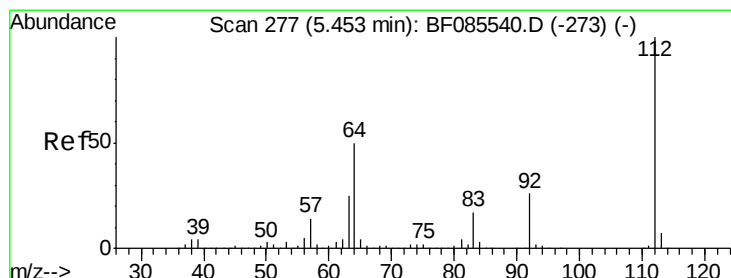
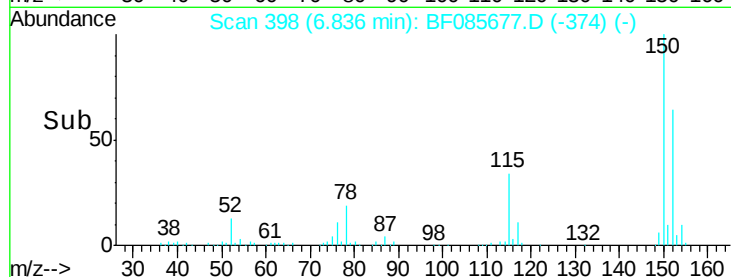
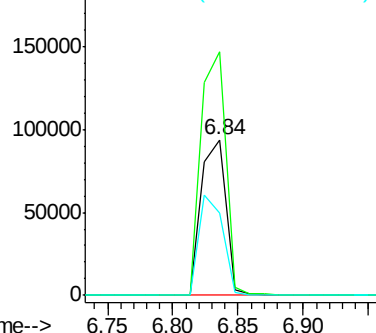
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tgt Ion:152 Resp: 123025
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 53.2 47.0 70.6



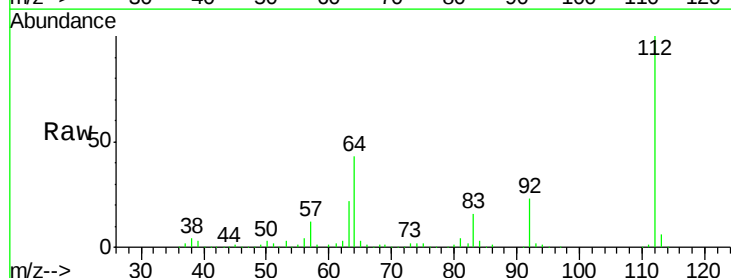
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



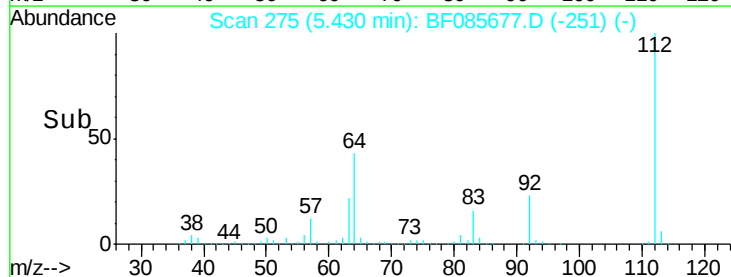
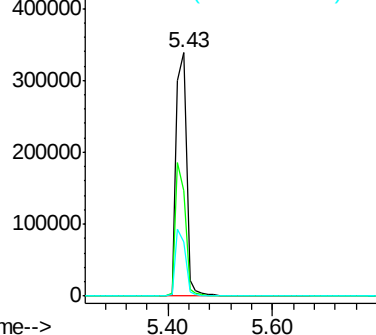
#5

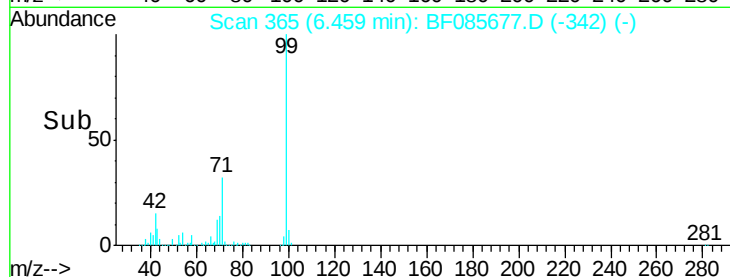
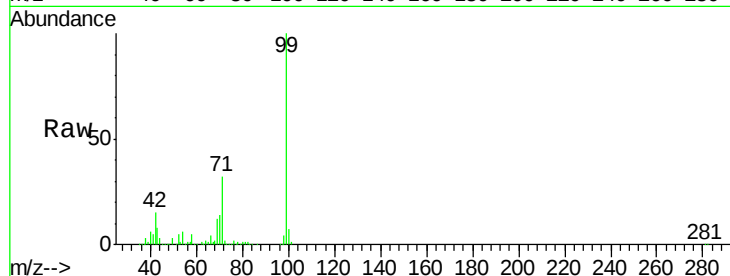
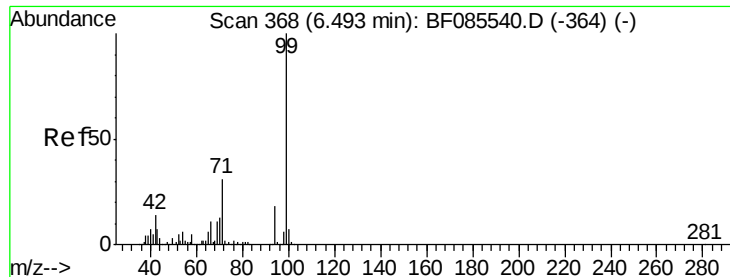
2-Fluorophenol
Concen: 64.36 ng
RT: 5.43 min Scan# 275
Delta R.T. -0.02 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

Tgt Ion:112 Resp: 471400
Ion Ratio Lower Upper
112 100
64 43.3 39.9 59.9
63 22.4 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: 41.23 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF085677.D

Acq: 22 Mar 2016 23:56

Instrument :

BNA_F

ClientSampleId :

PZ-4

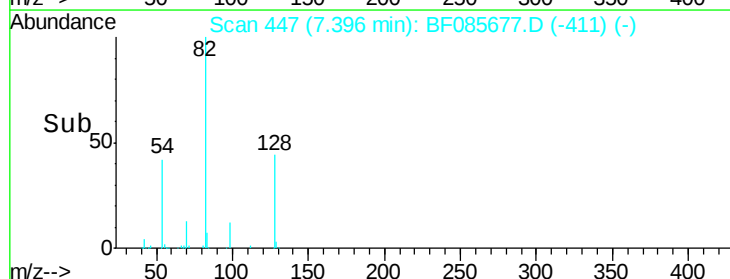
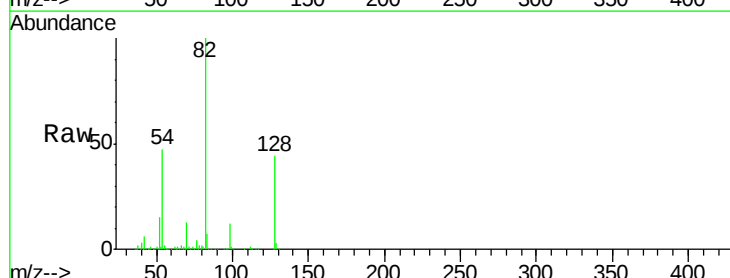
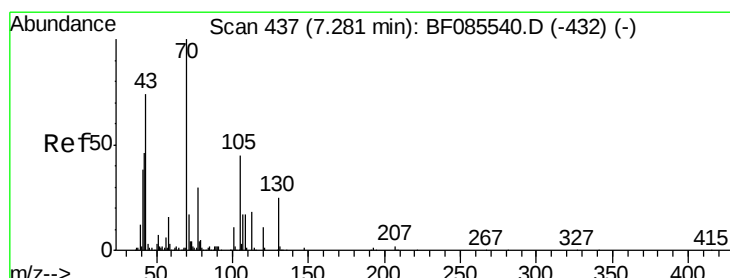
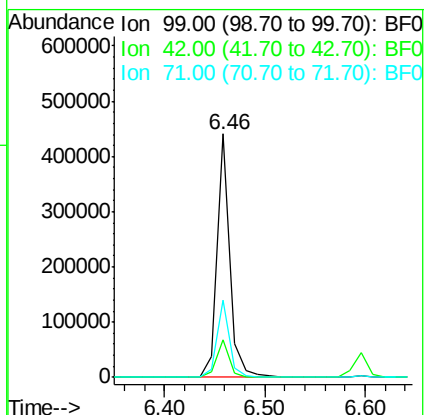
Tgt Ion: 99 Resp: 387311

Ion Ratio Lower Upper

99 100

42 15.3 11.1 16.7

71 31.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.02 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085677.D

Acq: 22 Mar 2016 23:56

Tgt Ion: 70 Resp: 95498

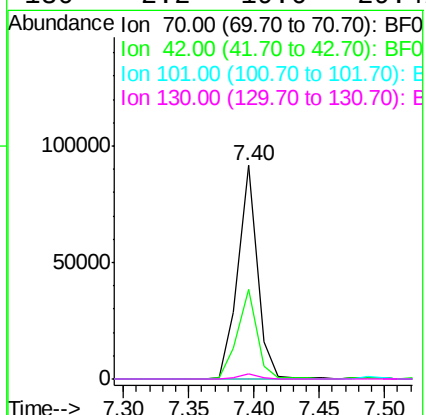
Ion Ratio Lower Upper

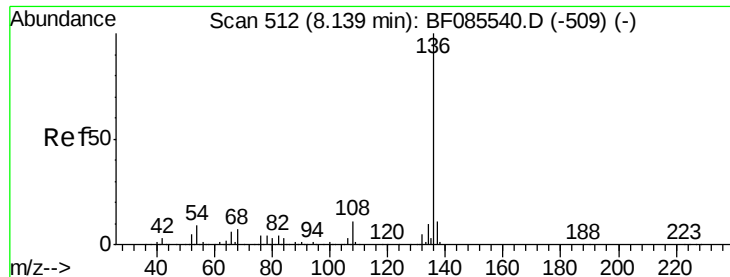
70 100

42 41.7 37.1 55.7

101 0.0 8.6 12.8#

130 2.2 19.6 29.4#

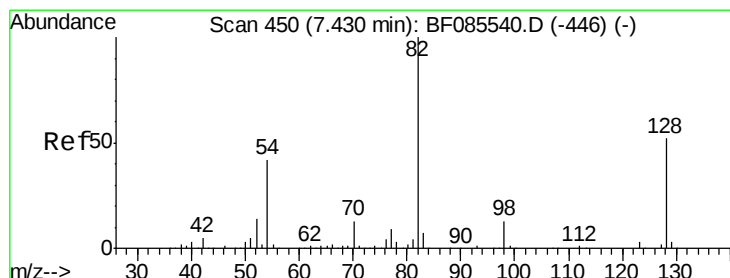
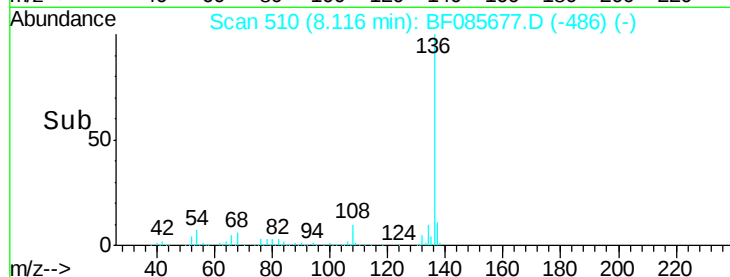
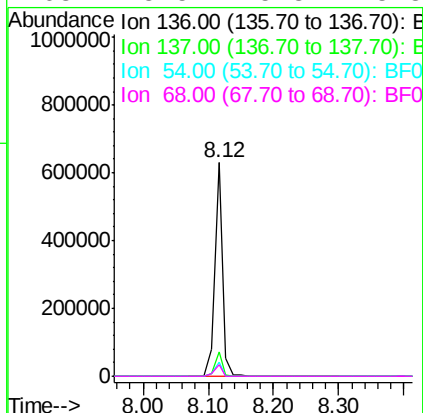
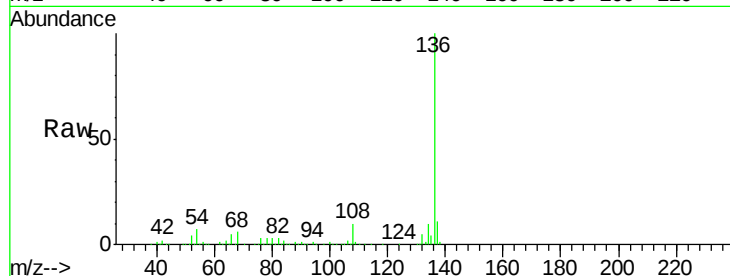




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

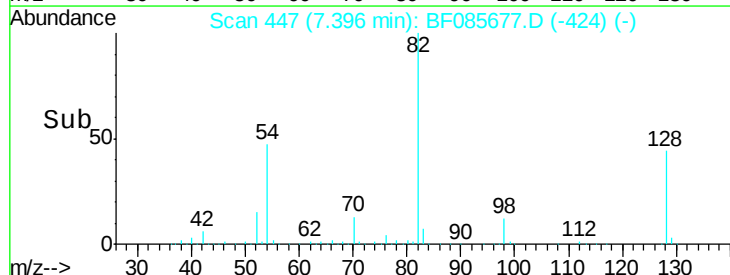
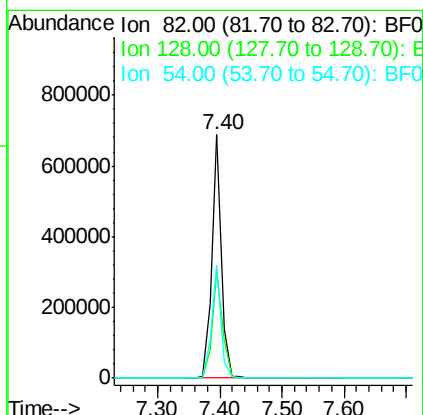
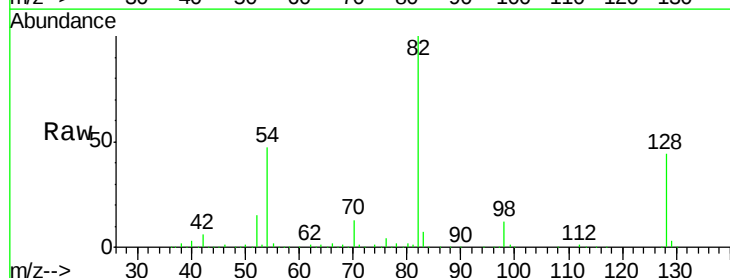
Instrument :
BNA_F
ClientSampleId :
PZ-4

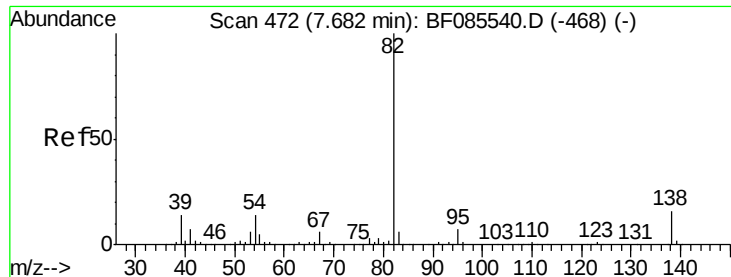
Tgt Ion:	136	Resp:	533883
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.7	7.4	11.0#
68	5.5	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 79.46 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

Tgt Ion:	82	Resp:	730876
Ion	Ratio	Lower	Upper
82	100		
128	44.0	41.8	62.8
54	46.7	33.4	50.0

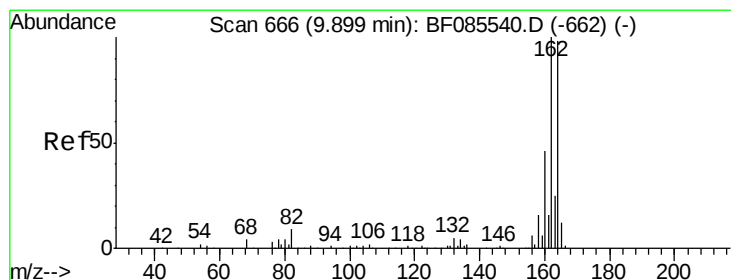
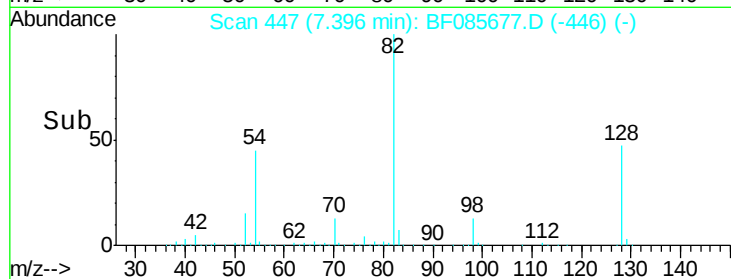
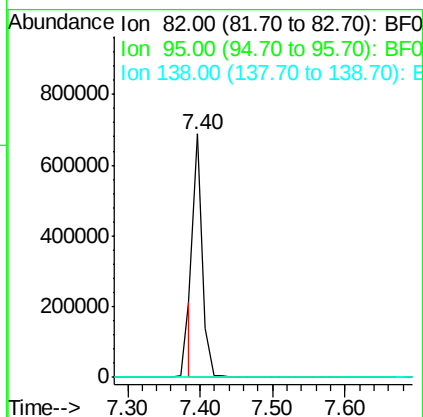
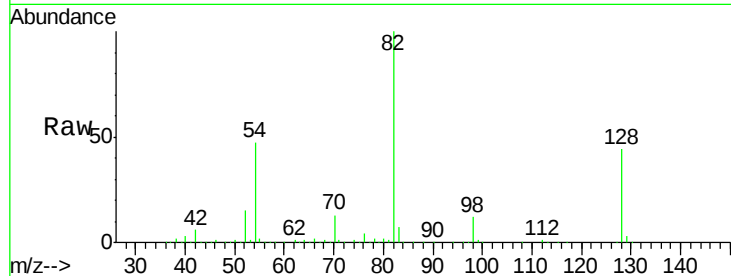




#25
Isophorone
Concen: 31.43 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.29 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

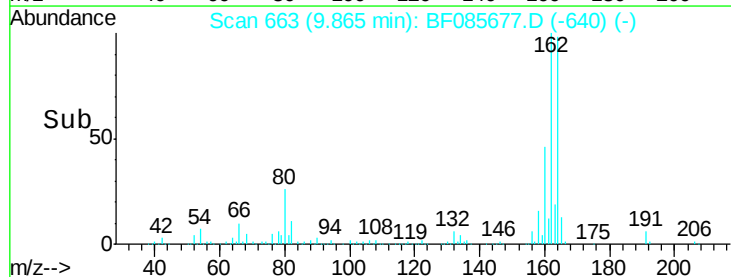
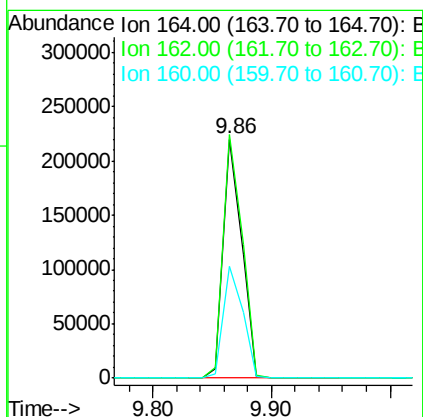
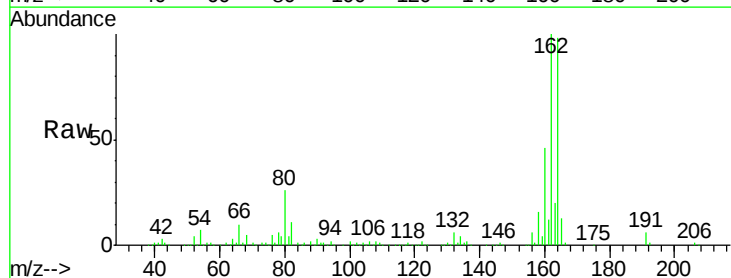
Instrument :
BNA_F
ClientSampled :
PZ-4

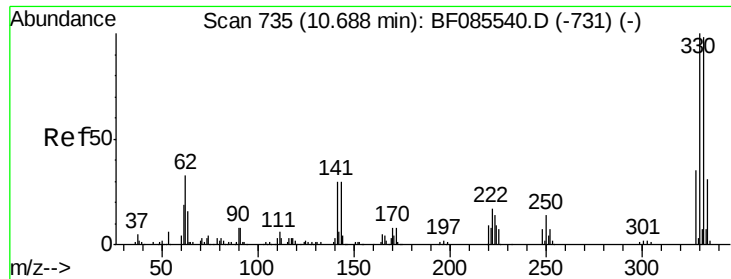
Tgt Ion: 82 Resp: 578777
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.03 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

Tgt Ion: 164 Resp: 237463
Ion Ratio Lower Upper
164 100
162 101.8 82.1 123.1
160 46.7 37.4 56.2

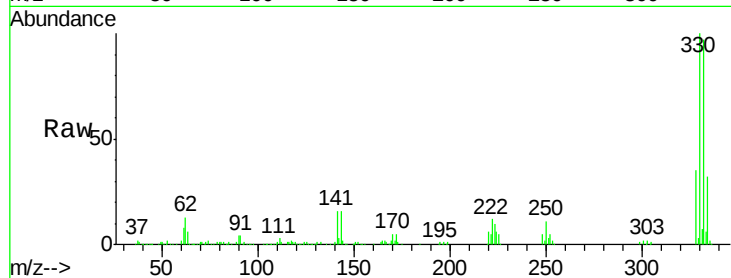




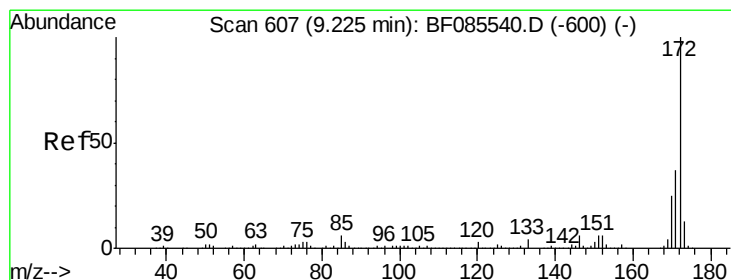
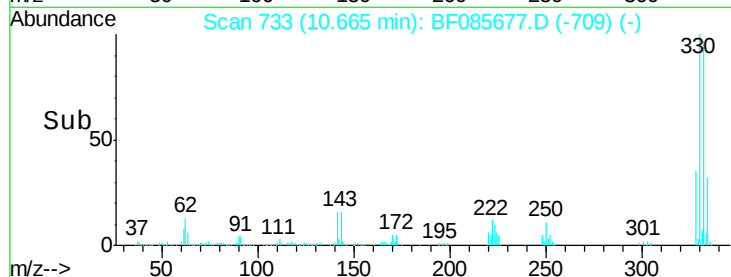
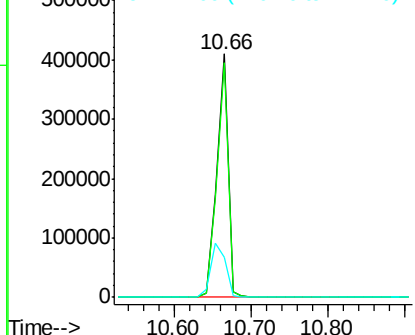
#41
 2,4,6-Tribromophenol
 Concen: 178.94 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085677.D
 Acq: 22 Mar 2016 23:56

Instrument :
 BNA_F
 ClientSampled :
 PZ-4

Tgt Ion:330 Resp: 416223
 Ion Ratio Lower Upper
 330 100
 332 96.7 78.2 117.2
 141 29.4 31.5 47.3#

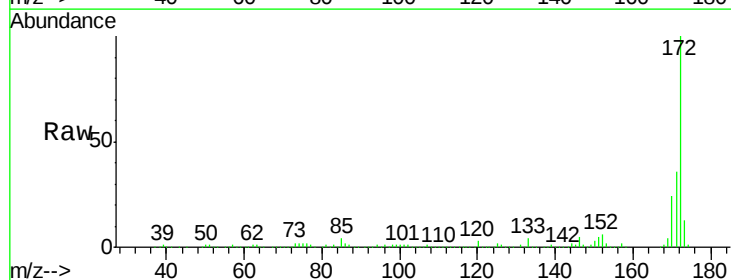


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

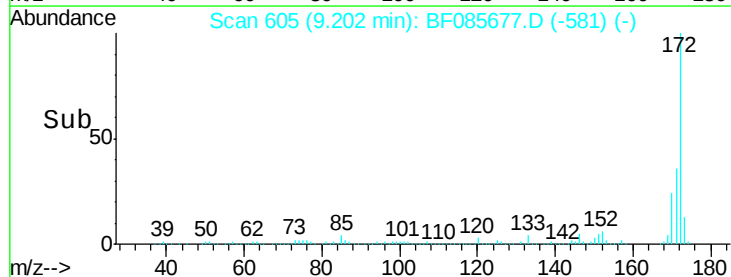
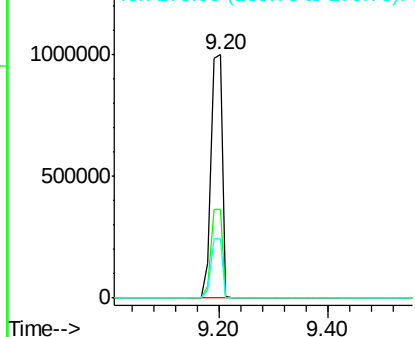


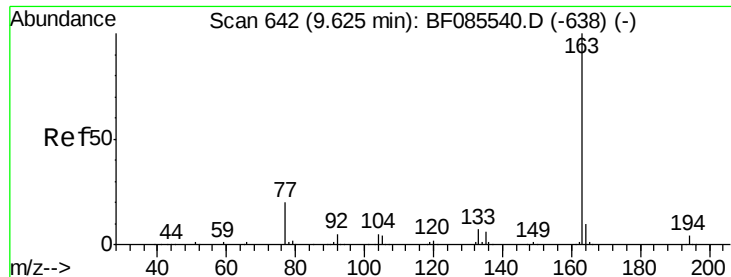
#44
 2-Fluorobiphenyl
 Concen: 117.06 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085677.D
 Acq: 22 Mar 2016 23:56

Tgt Ion:172 Resp: 1477817
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.4 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: 4.72 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085677.D

Acq: 22 Mar 2016 23:56

Instrument :

BNA_F

ClientSampleId :

PZ-4

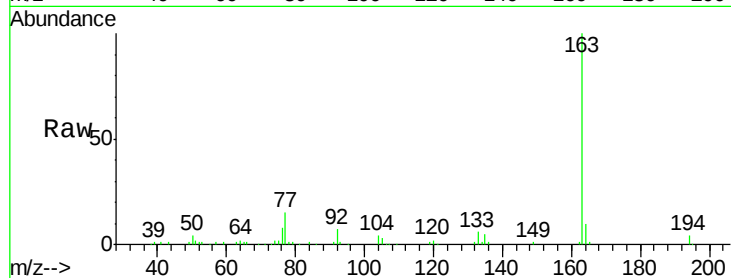
Tgt Ion:163 Resp: 84561

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

164 9.6 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

120000

100000

80000

60000

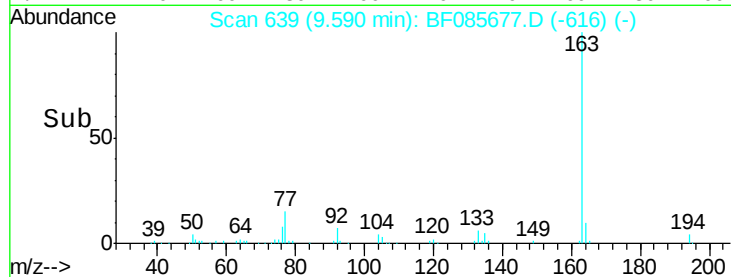
40000

20000

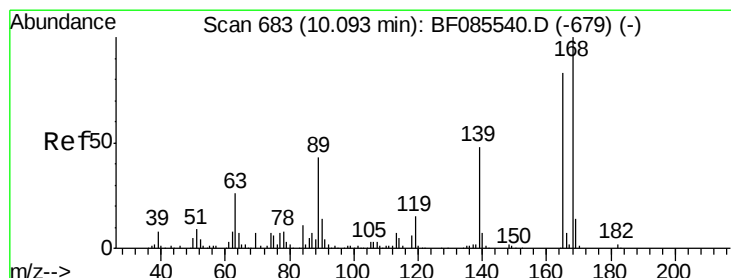
0

9.59

9.50 9.55 9.60 9.65



Time-->



#56

2,4-Dinitrotoluene

Concen: 5.99 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085677.D

Acq: 22 Mar 2016 23:56

Tgt Ion:165 Resp: 29679

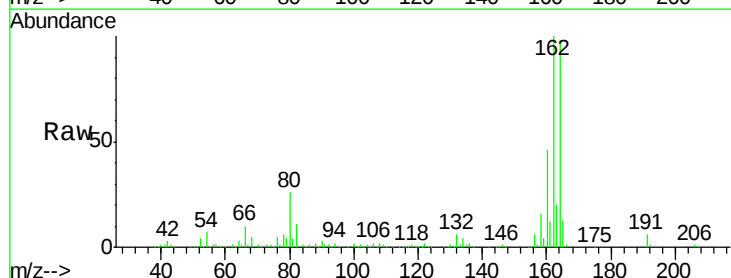
Ion Ratio Lower Upper

165 100

63 1.7 24.9 37.3#

89 2.3 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

40000

30000

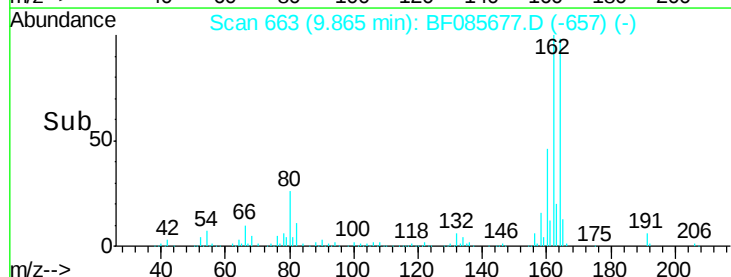
20000

10000

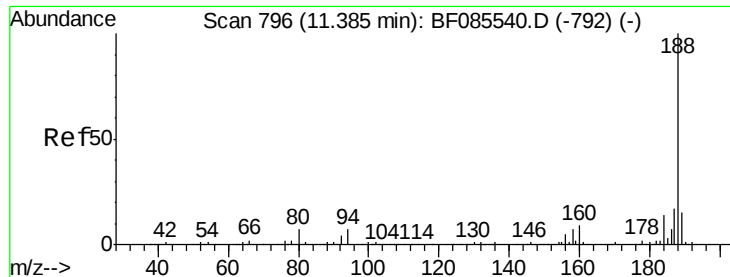
0

9.86

9.80 9.85 9.90



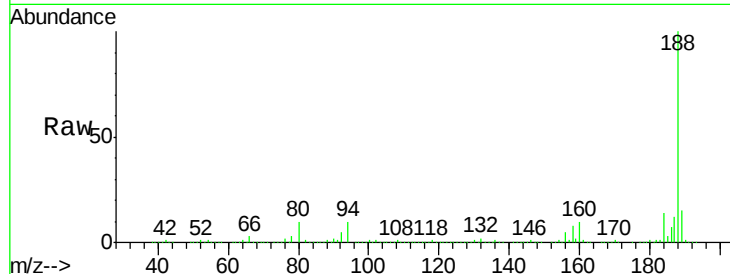
Time-->



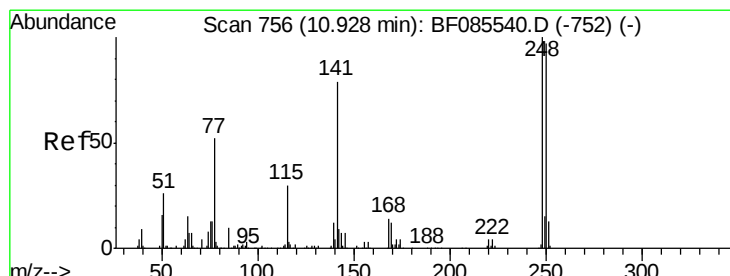
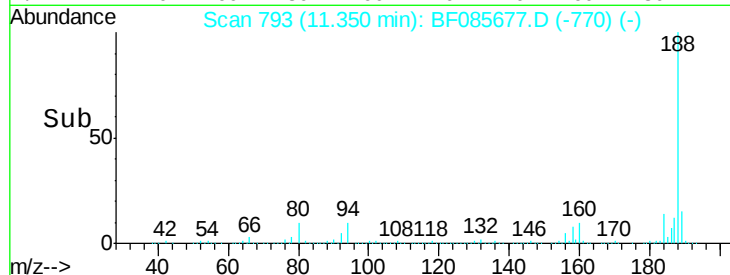
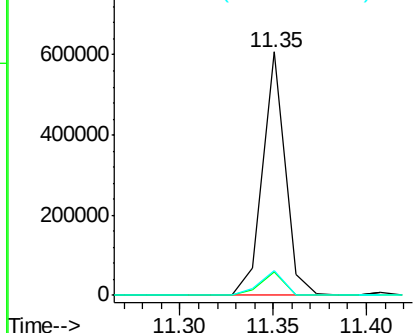
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF085677.D
 Acq: 22 Mar 2016 23:56

Instrument :
 BNA_F
 ClientSampleId :
 PZ-4

Tgt Ion:188 Resp: 501482
 Ion Ratio Lower Upper
 188 100
 94 9.8 5.4 8.0#
 80 10.1 5.5 8.3#

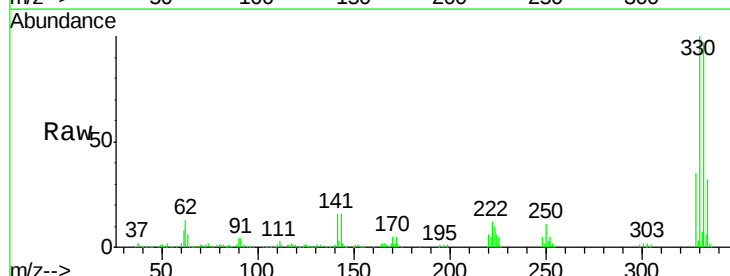


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

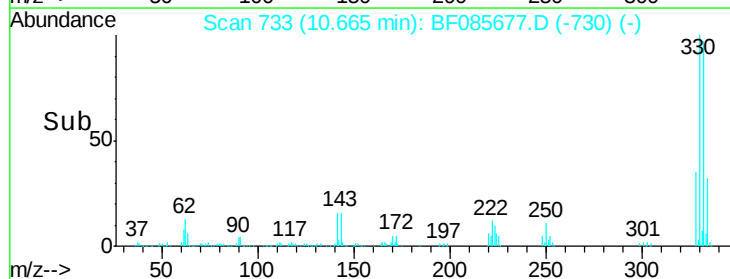
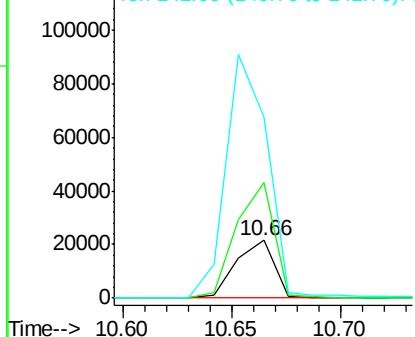


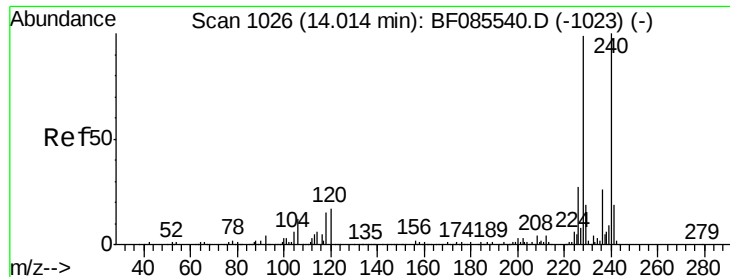
#66
 4-Bromophenyl-phenylether
 Concen: 5.18 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.26 min
 Lab File: BF085677.D
 Acq: 22 Mar 2016 23:56

Tgt Ion:248 Resp: 25962
 Ion Ratio Lower Upper
 248 100
 250 200.9 77.4 116.0#
 141 312.6 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: BF085677.D

Acq: 22 Mar 2016 23:56

Instrument :

BNA_F

ClientSampled :

PZ-4

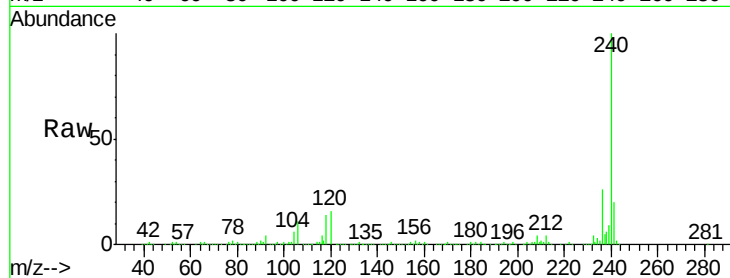
Tgt Ion:240 Resp: 358539

Ion Ratio Lower Upper

240 100

120 16.2 13.8 20.8

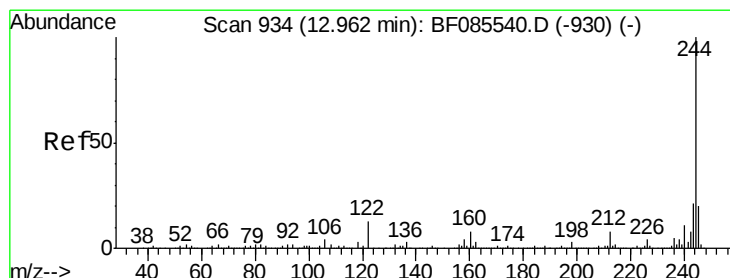
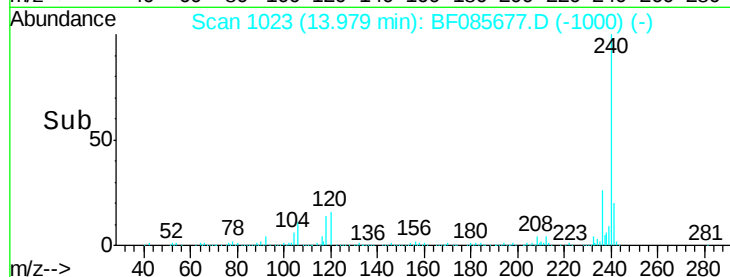
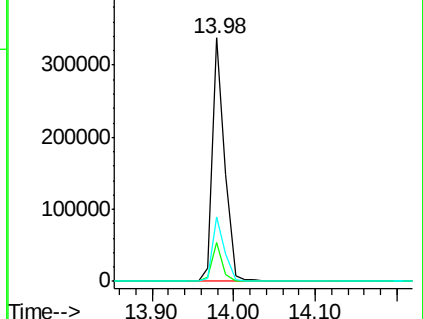
236 26.4 20.6 30.8



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: 92.01 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085677.D

Acq: 22 Mar 2016 23:56

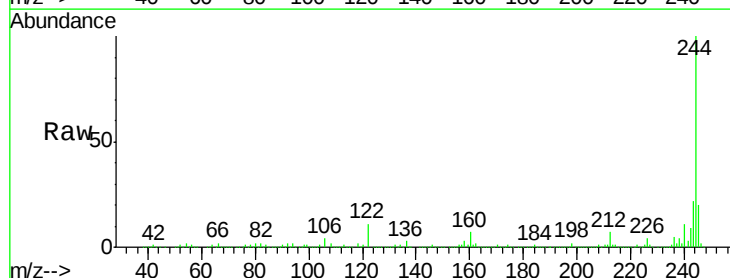
Tgt Ion:244 Resp: 1370923

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

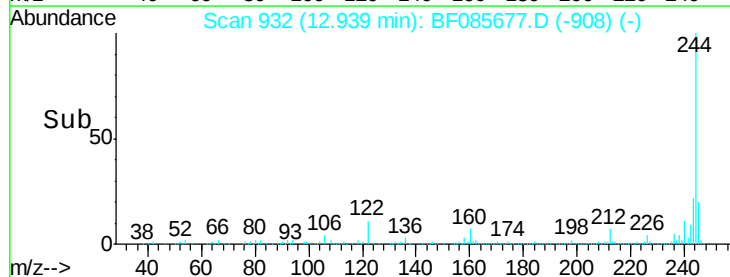
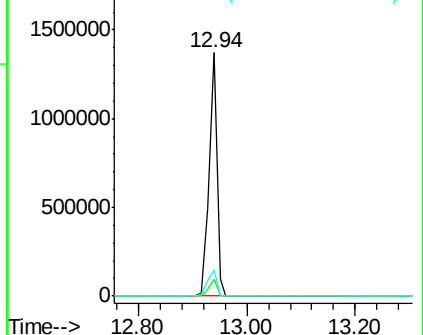
122 10.7 10.2 15.4

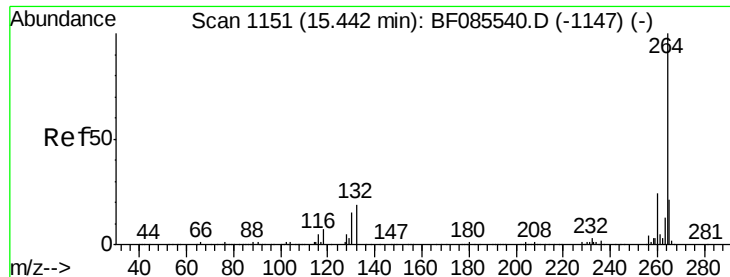


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



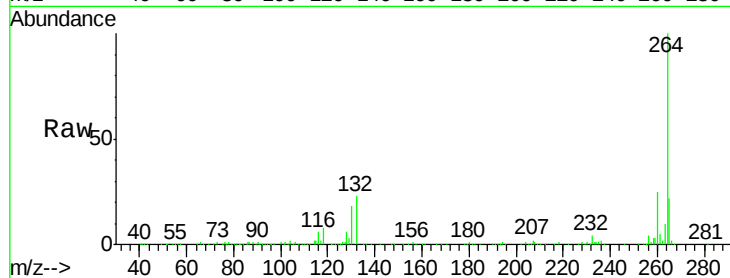


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085677.D
Acq: 22 Mar 2016 23:56

Instrument :
BNA_F
ClientSampleId :
PZ-4

Tgt Ion: 264 Resp: 237893

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

