

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
 Data File : BF085678.D
 Acq On : 23 Mar 2016 00:24
 Operator : UM/SJ
 Sample : H1864-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3

Quant Time: Mar 23 00:08:50 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

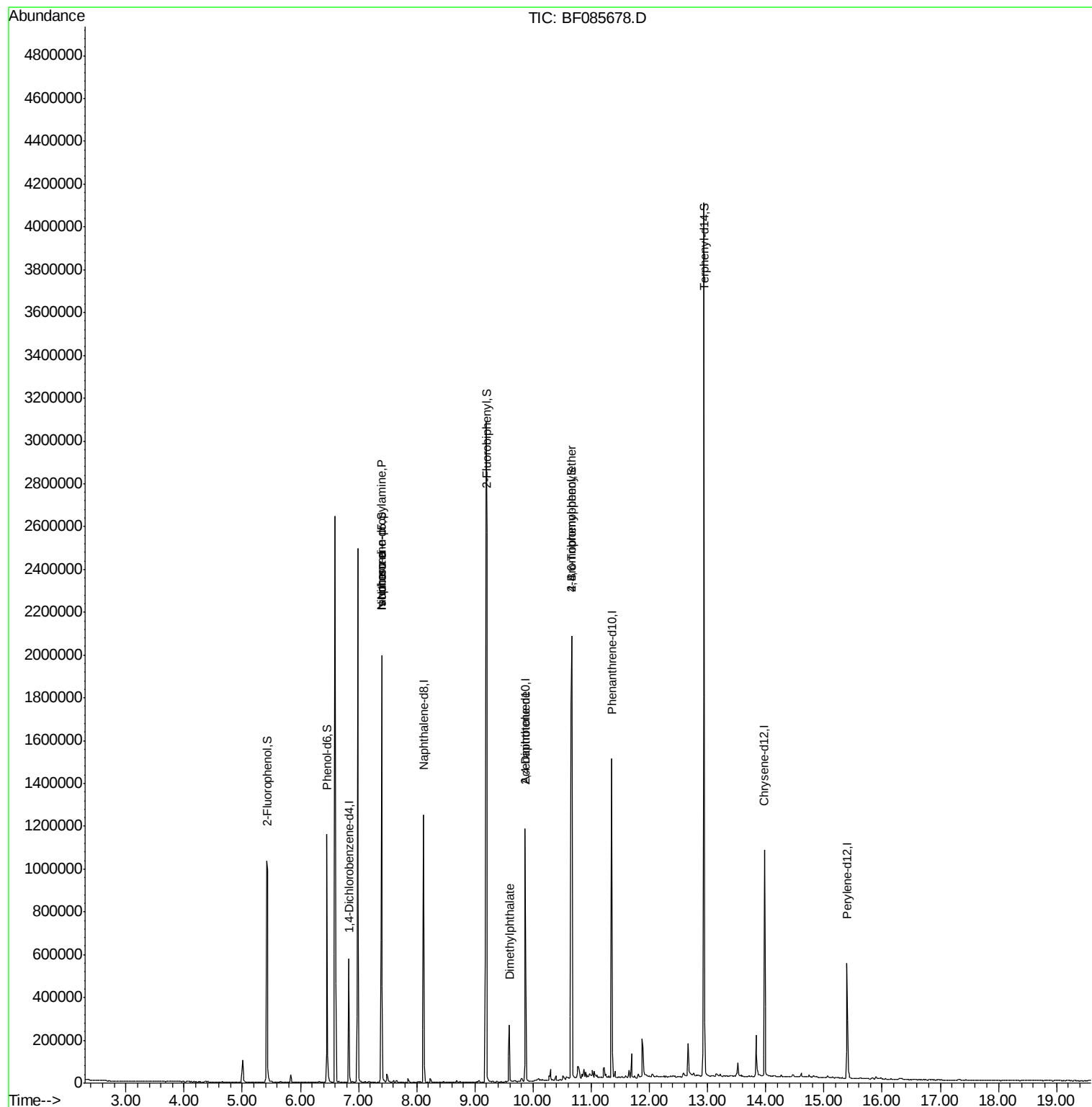
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126417	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	552463	20.00	ng	-0.02
38) Acenaphthene-d10	9.86	164	253535	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	508909	20.00	ng	-0.03
75) Chrysene-d12	13.98	240	366672	20.00	ng	-0.03
86) Perylene-d12	15.40	264	242794	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	467854	62.16	ng	-0.02
7) Phenol-d6	6.46	99	388303	40.23	ng	-0.03
23) Nitrobenzene-d5	7.40	82	771613	81.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.66	330	427149	171.99	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1500430	108.33	ng	-0.02
78) Terphenyl-d14	12.94	244	1431656	93.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	102337	17.75	ng	# 78
25) Isophorone	7.40	82	601762	31.58	ng	# 68
49) Dimethylphthalate	9.59	163	126401	6.61	ng	98
56) 2,4-Dinitrotoluene	9.86	165	32630	6.17	ng	# 37
66) 4-Bromophenyl-phenylether	10.66	248	26159	5.15	ng	# 1

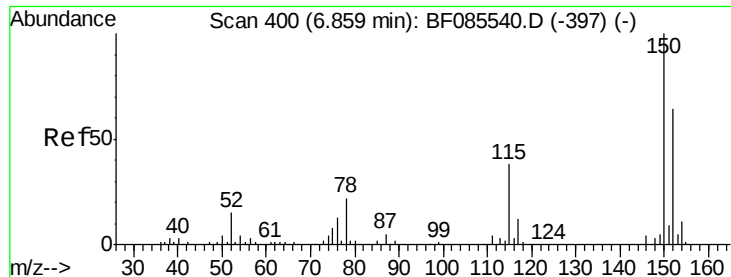
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085678.D

Acq: 23 Mar 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PZ-3

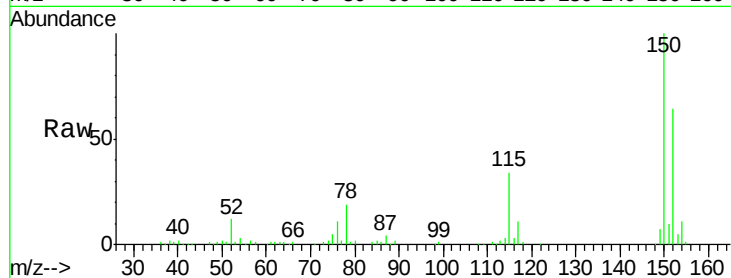
Tgt Ion:152 Resp: 126417

Ion Ratio Lower Upper

152 100

150 155.7 124.2 186.2

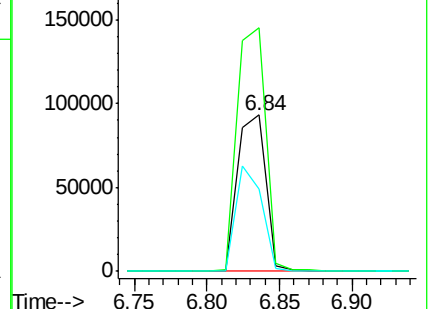
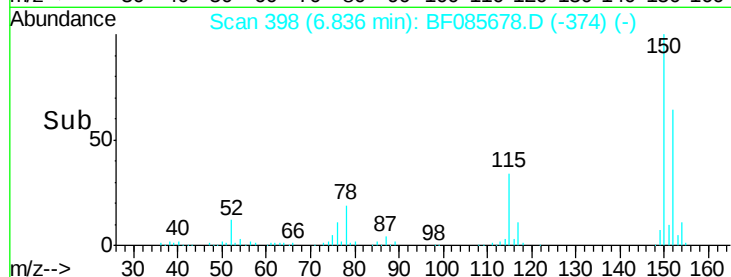
115 52.6 47.0 70.6



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: 62.16 ng

RT: 5.43 min Scan# 275

Delta R.T. -0.02 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

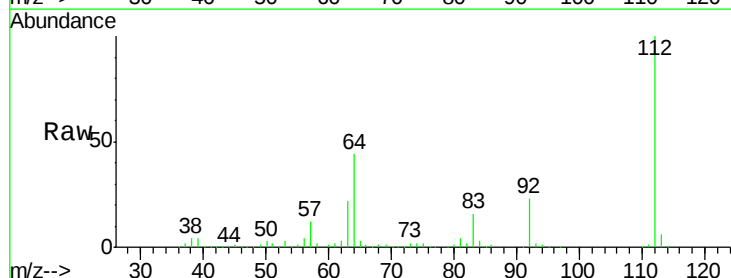
Tgt Ion:112 Resp: 467854

Ion Ratio Lower Upper

112 100

64 44.1 39.9 59.9

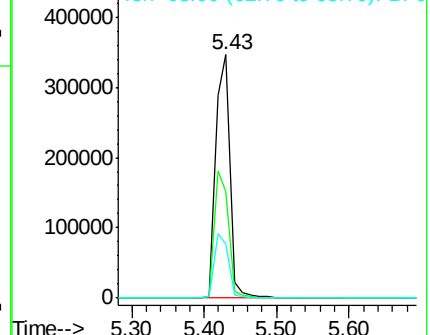
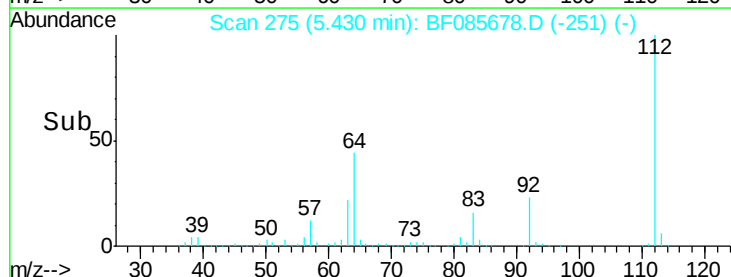
63 22.1 20.2 30.2

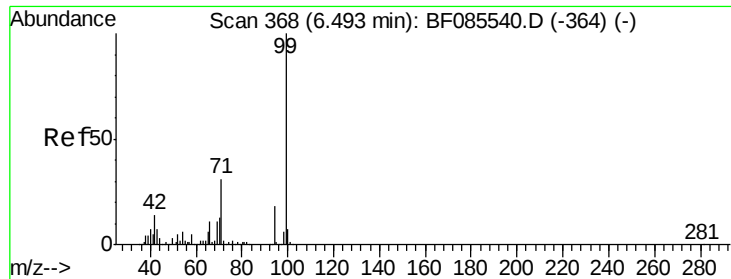


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 40.23 ng

RT: 6.46 min Scan# 365

Delta R.T. -0.03 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PZ-3

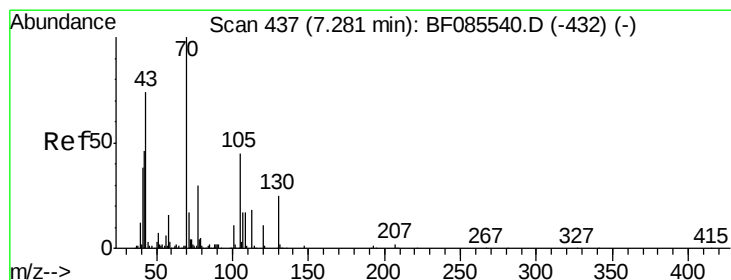
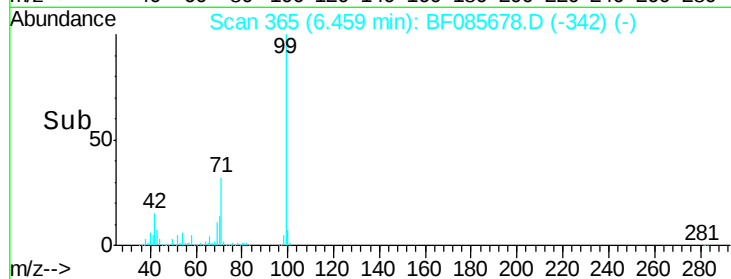
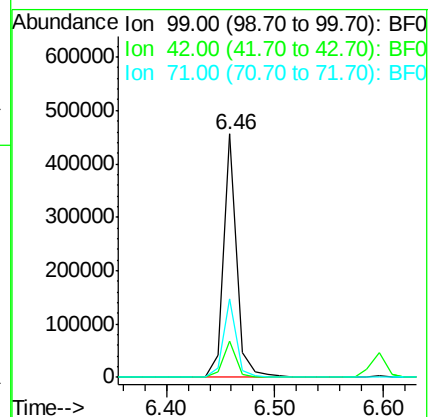
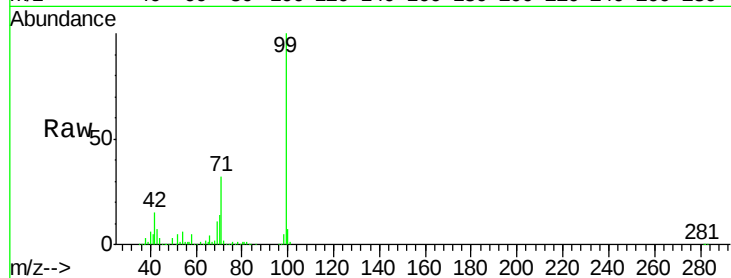
Tgt Ion: 99 Resp: 388303

Ion Ratio Lower Upper

99 100

42 14.7 11.1 16.7

71 32.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.75 ng

RT: 7.40 min Scan# 447

Delta R.T. 0.11 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

Tgt Ion: 70 Resp: 102337

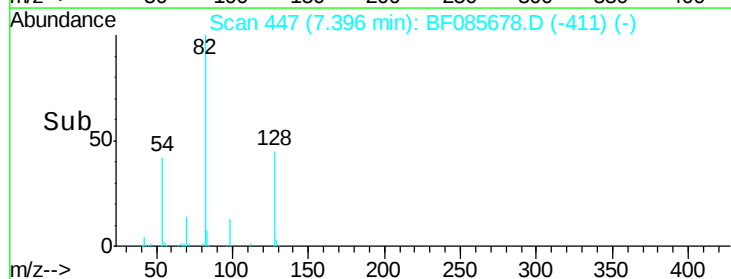
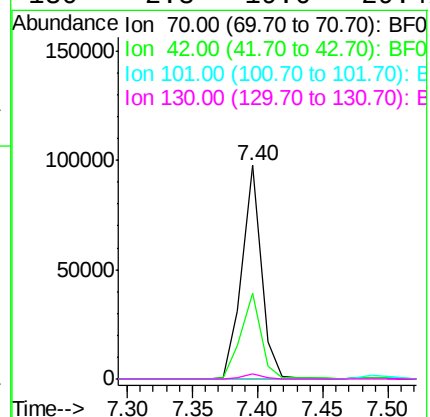
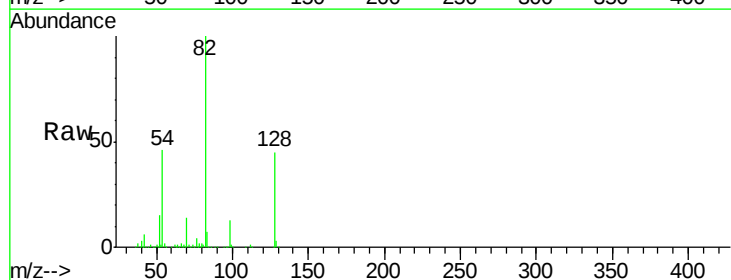
Ion Ratio Lower Upper

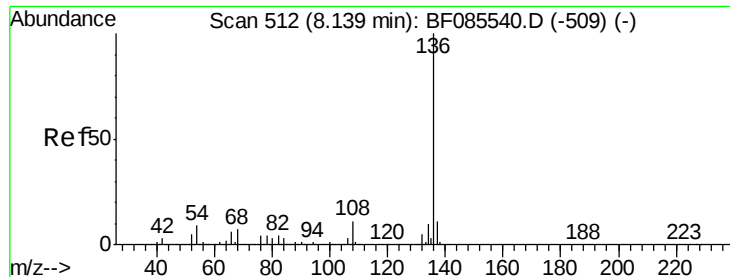
70 100

42 40.2 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

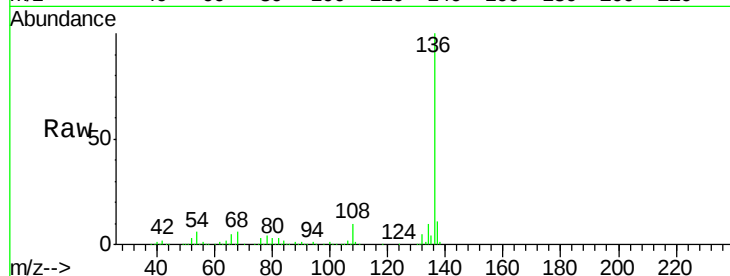




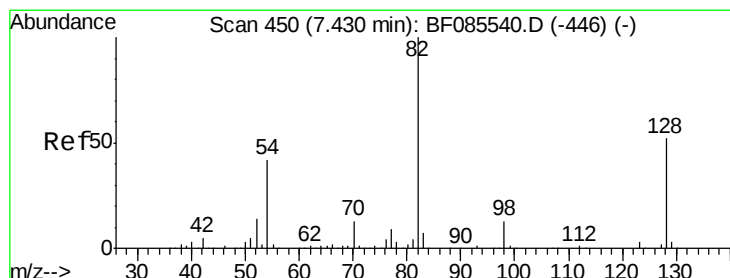
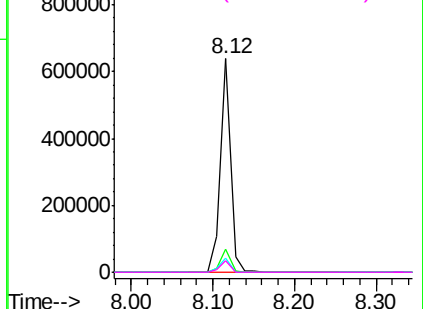
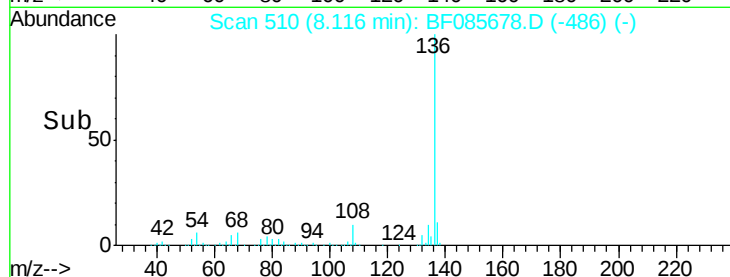
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF085678.D
Acq: 23 Mar 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PZ-3

Tgt Ion:	136	Resp:	552463
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	7.4	11.0#
68	5.6	5.8	8.8#

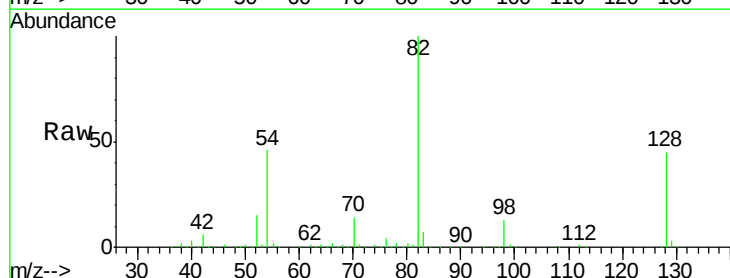


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

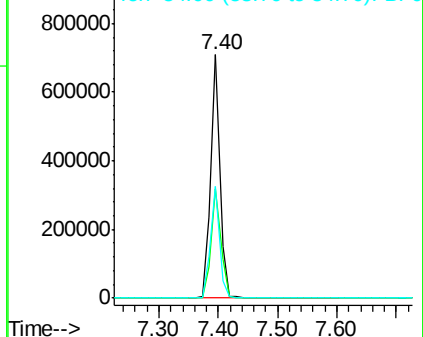
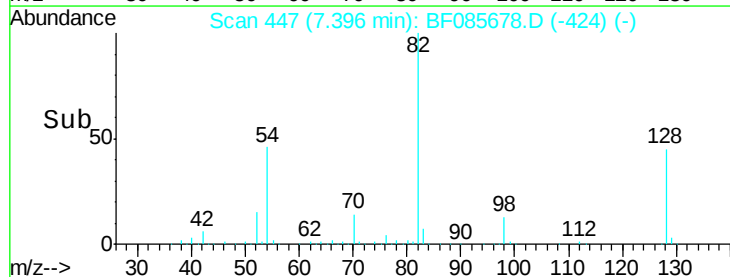


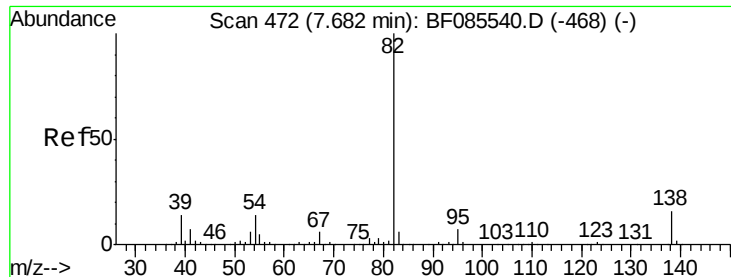
#23
Nitrobenzene-d5
Concen: 81.07 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF085678.D
Acq: 23 Mar 2016 00:24

Tgt Ion:	82	Resp:	771613
Ion	Ratio	Lower	Upper
82	100		
128	44.9	41.8	62.8
54	46.0	33.4	50.0



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: 31.58 ng

RT: 7.40 min Scan# 447

Delta R.T. -0.29 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PZ-3

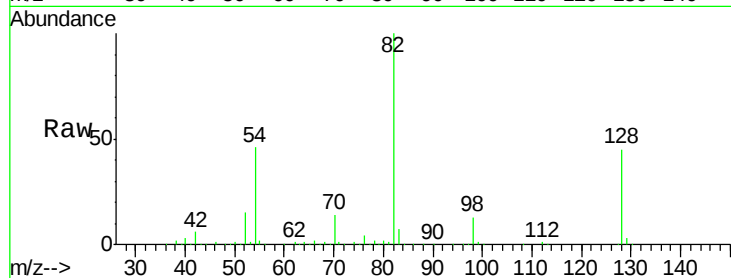
Tgt Ion: 82 Resp: 601762

Ion Ratio Lower Upper

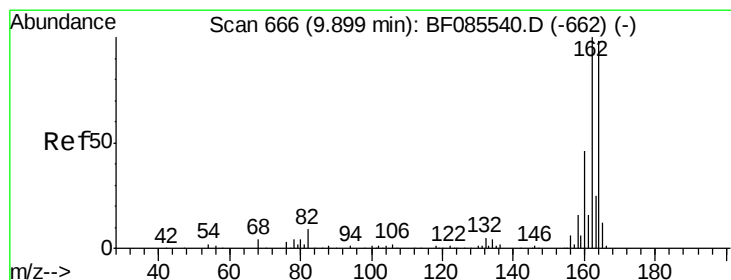
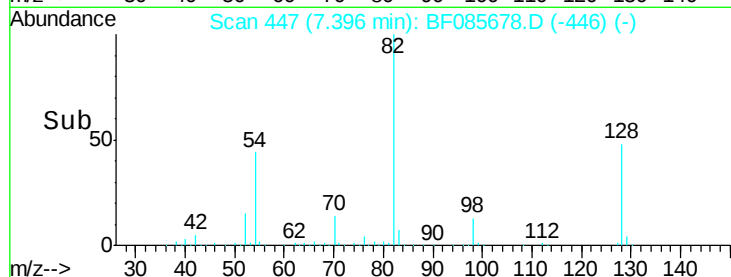
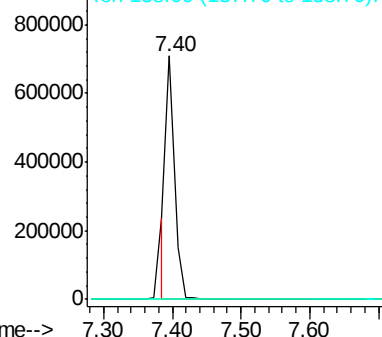
82 100

95 0.0 5.4 8.2#

138 0.0 12.9 19.3#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

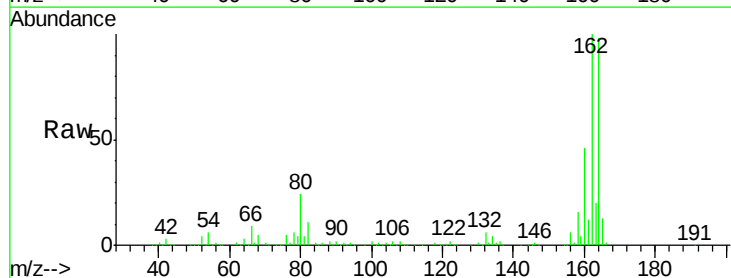
Tgt Ion: 164 Resp: 253535

Ion Ratio Lower Upper

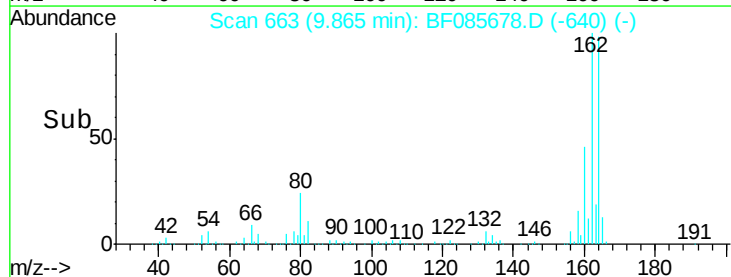
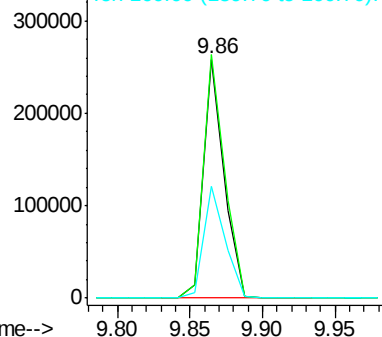
164 100

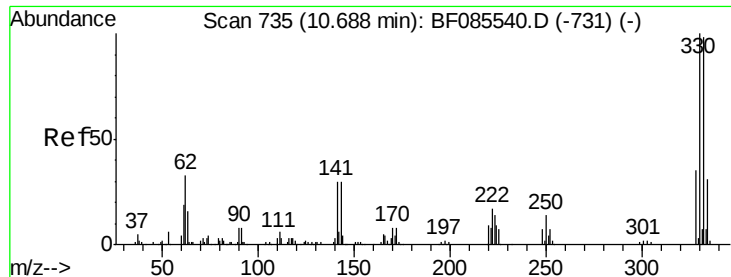
162 101.8 82.1 123.1

160 46.5 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

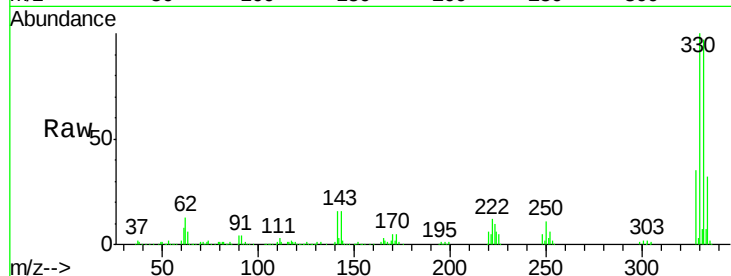




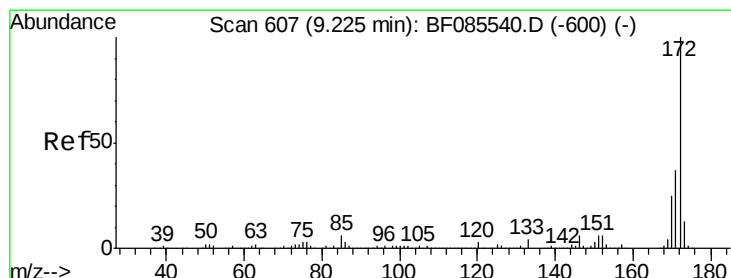
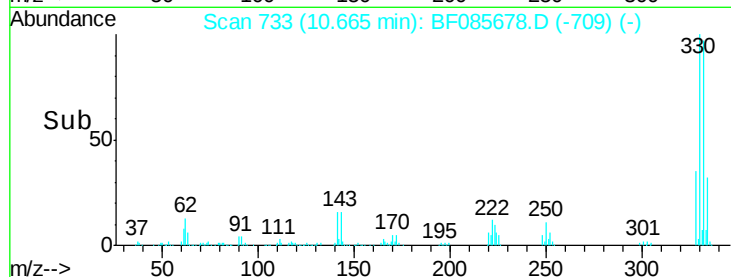
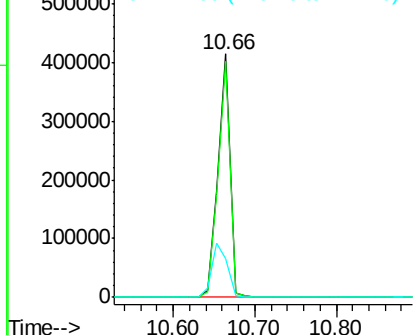
#41
 2,4,6-Tribromophenol
 Concen: 171.99 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085678.D
 Acq: 23 Mar 2016 00:24

Instrument :
 BNA_F
 ClientSampled :
 PZ-3

Tgt Ion:330 Resp: 427149
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 29.2 31.5 47.3#

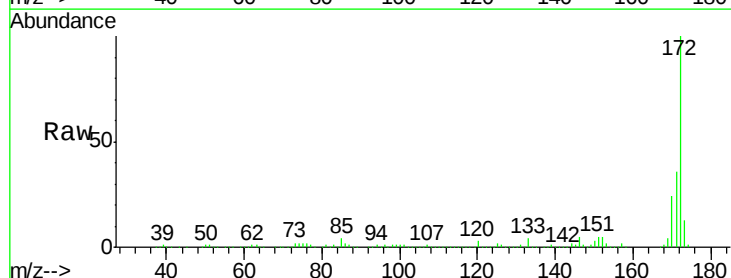


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

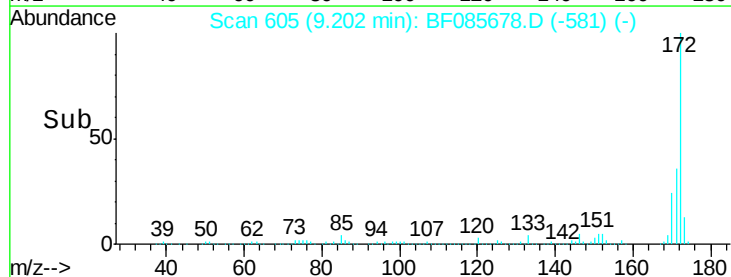
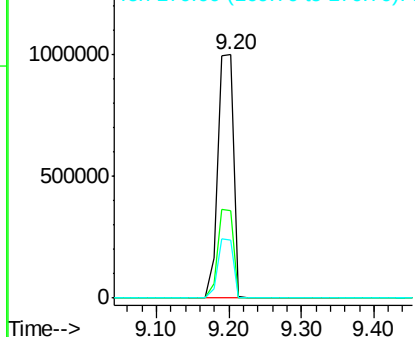


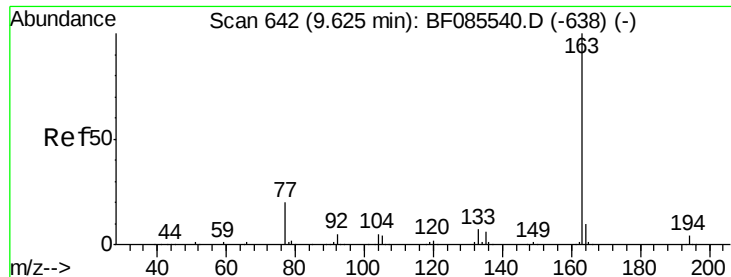
#44
 2-Fluorobiphenyl
 Concen: 108.33 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085678.D
 Acq: 23 Mar 2016 00:24

Tgt Ion:172 Resp: 1500430
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.0 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: 6.61 ng

RT: 9.59 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PZ-3

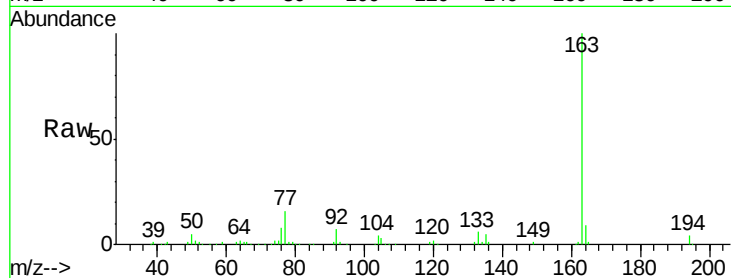
Tgt Ion:163 Resp: 126401

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

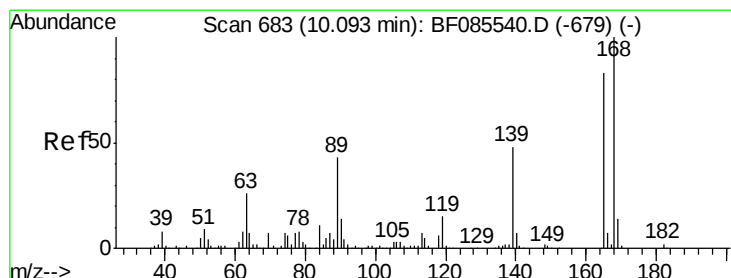
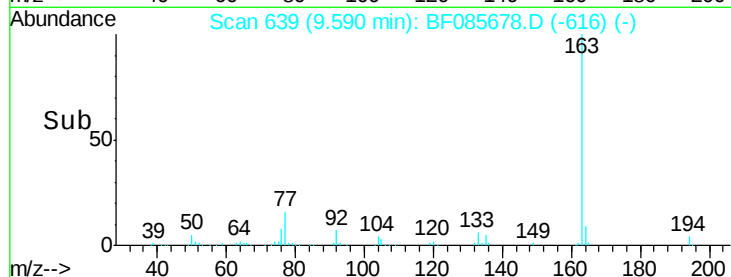
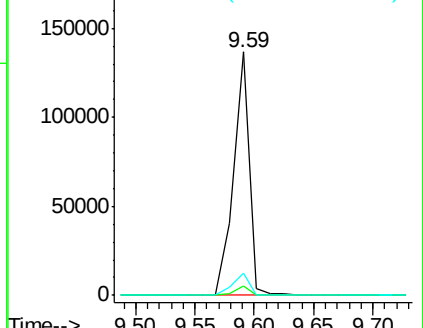
164 9.3 8.3 12.5



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: 6.17 ng

RT: 9.86 min Scan# 663

Delta R.T. -0.23 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

Tgt Ion:165 Resp: 32630

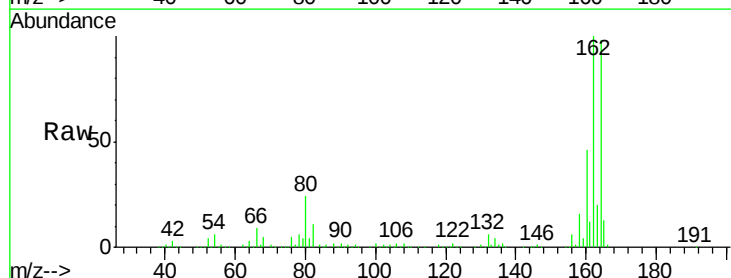
Ion Ratio Lower Upper

165 100

63 1.0 24.9 37.3#

89 1.8 41.0 61.6#

182 0.0 2.1 3.1#

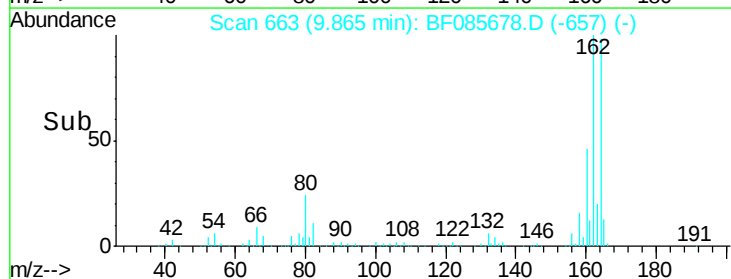
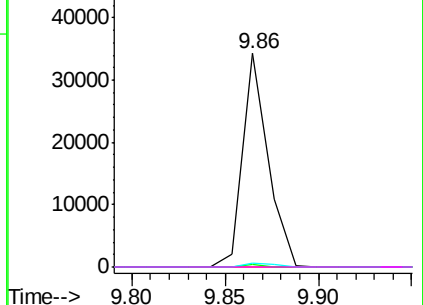


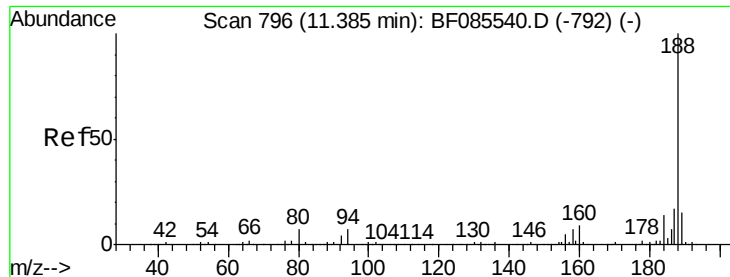
Abundance Ion 165.00 (164.70 to 165.70): E

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

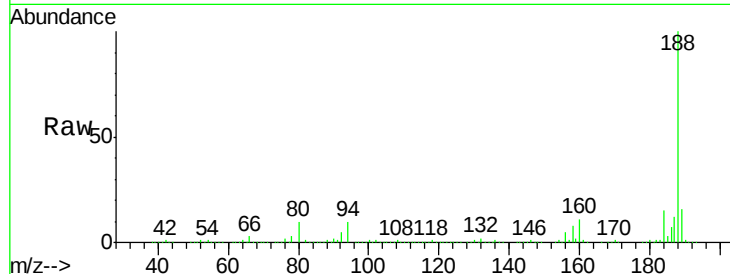




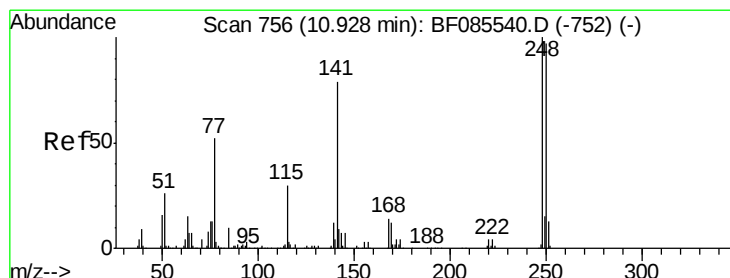
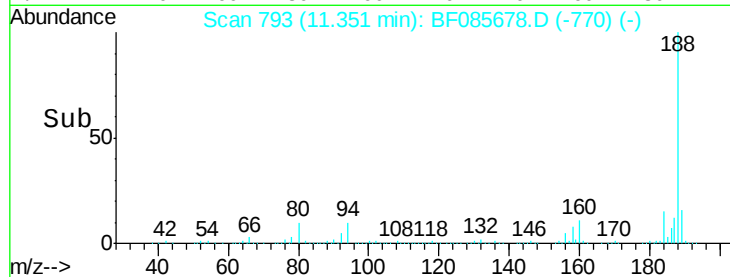
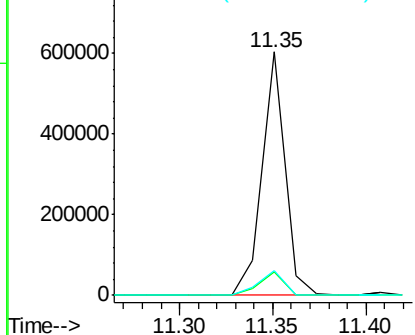
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF085678.D
Acq: 23 Mar 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PZ-3

Tgt Ion:188 Resp: 508909
Ion Ratio Lower Upper
188 100
94 9.8 5.4 8.0#
80 9.9 5.5 8.3#

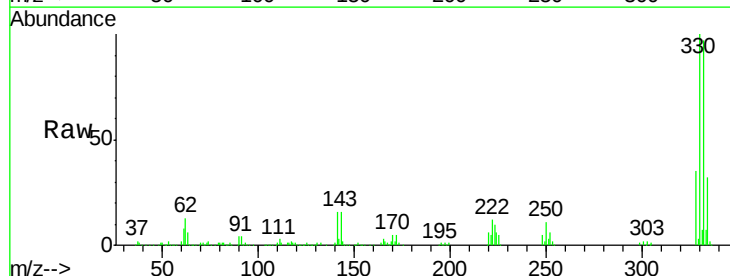


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

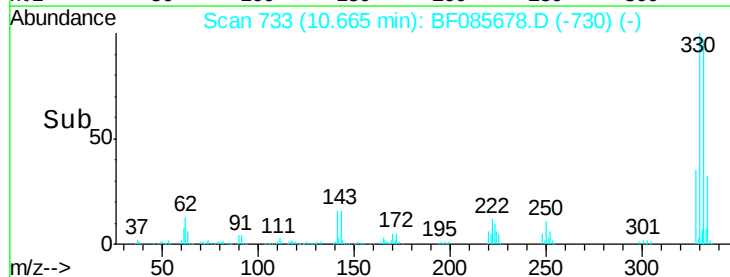
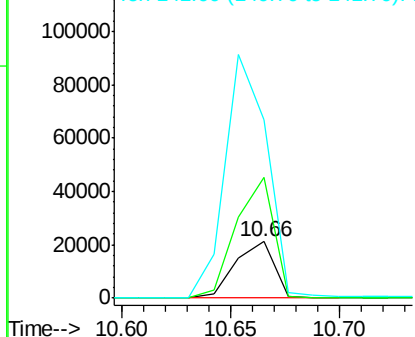


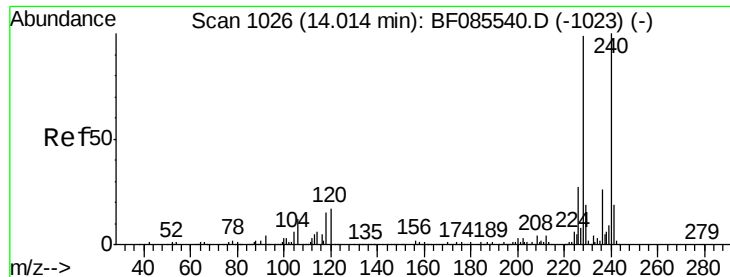
#66
4-Bromophenyl-phenylether
Concen: 5.15 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.26 min
Lab File: BF085678.D
Acq: 23 Mar 2016 00:24

Tgt Ion:248 Resp: 26159
Ion Ratio Lower Upper
248 100
250 213.5 77.4 116.0#
141 316.6 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: BF085678.D

Acq: 23 Mar 2016 00:24

Instrument :

BNA_F

ClientSampleId :

PZ-3

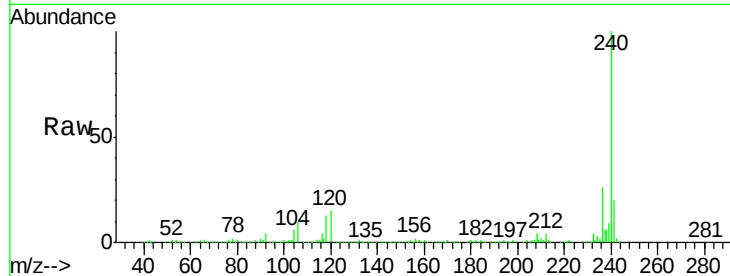
Tgt Ion:240 Resp: 366672

Ion Ratio Lower Upper

240 100

120 15.4 13.8 20.8

236 26.4 20.6 30.8

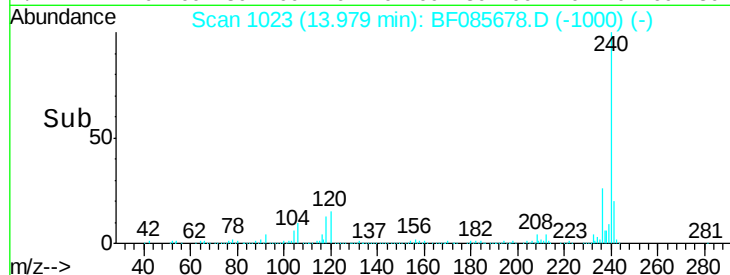


Abundance Ion 240.00 (239.70 to 240.70): E

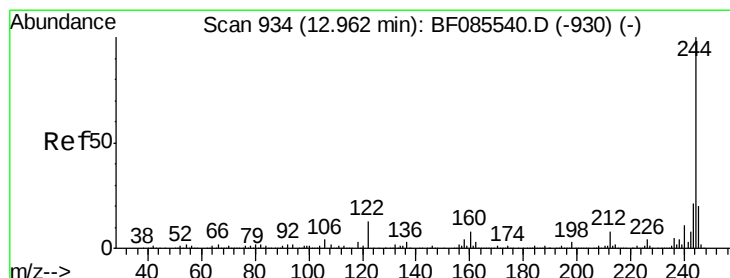
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.98



Time-->



#78

Terphenyl-d14

Concen: 93.96 ng

RT: 12.94 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF085678.D

Acq: 23 Mar 2016 00:24

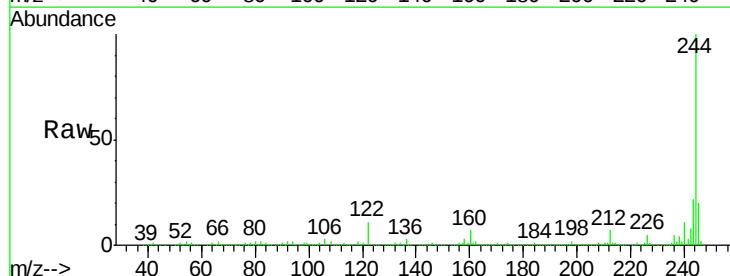
Tgt Ion:244 Resp: 1431656

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 10.6 10.2 15.4

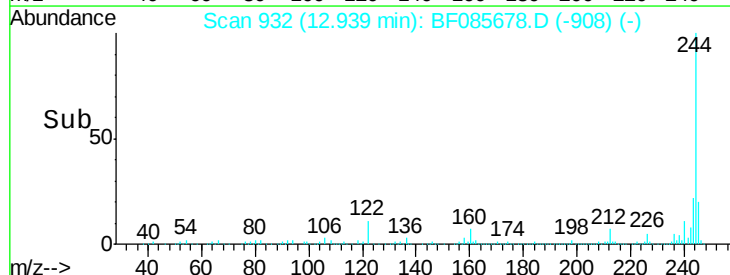


Abundance Ion 244.00 (243.70 to 244.70): E

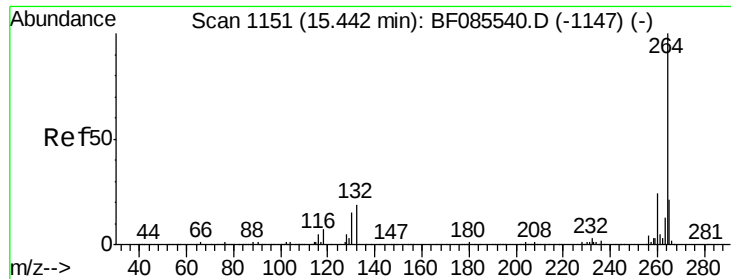
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.94



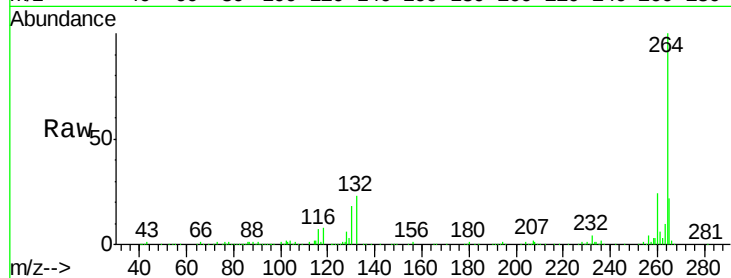
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF085678.D
Acq: 23 Mar 2016 00:24

Instrument :
BNA_F
ClientSampleId :
PZ-3

Tgt Ion: 264 Resp: 242794
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 22.4 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

