

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085556.D
 Acq On : 19 Mar 2016 6:07
 Operator : UM/SJ
 Sample : H1788-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Mar 19 05:31:46 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

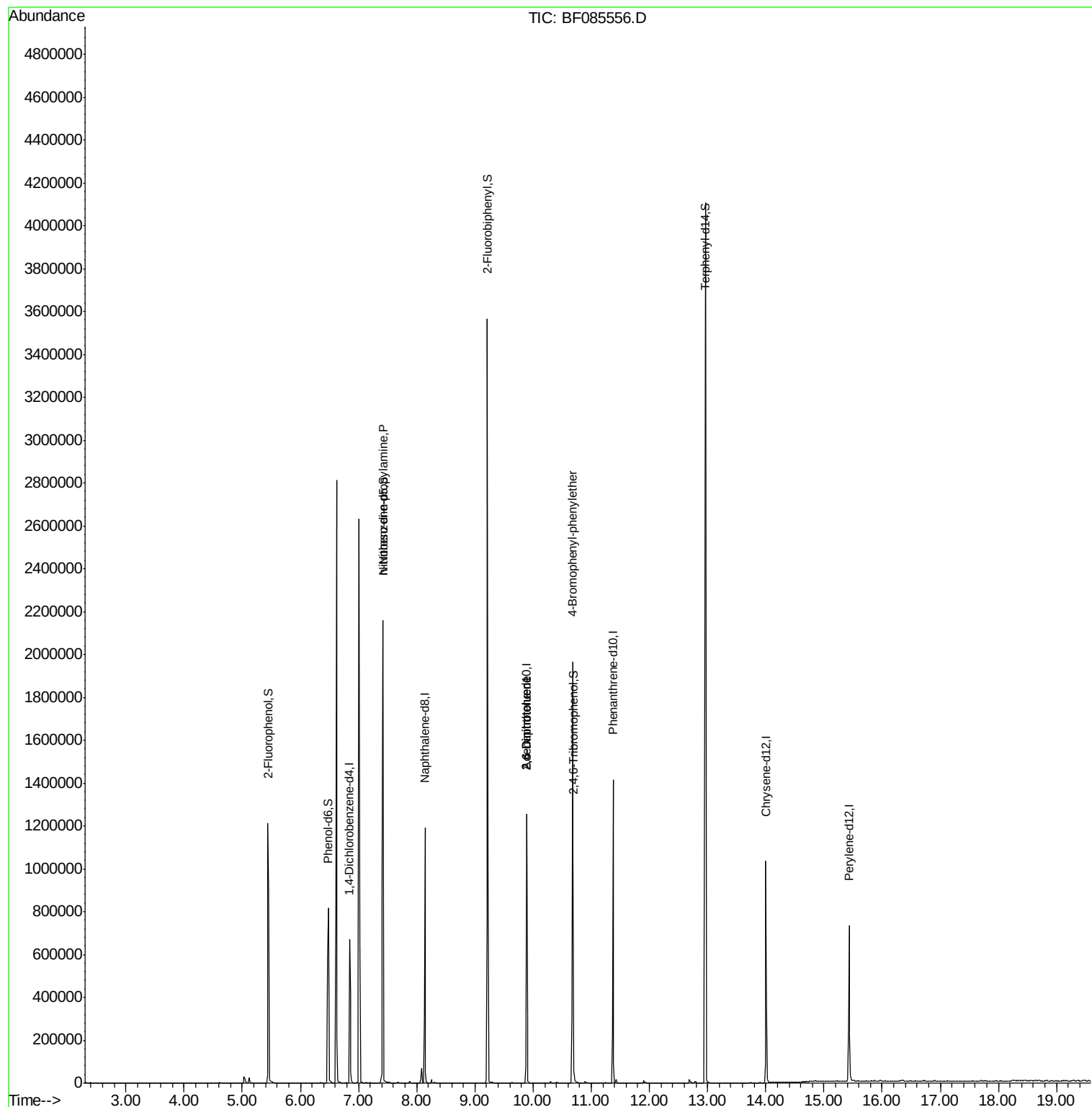
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	127874	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	543172	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	242359	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	478247	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	371689	20.00	ng	-0.01
86) Perylene-d12	15.43	264	309266	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	494941	65.01	ng	-0.01
7) Phenol-d6	6.48	99	408106	41.80	ng	-0.01
23) Nitrobenzene-d5	7.42	82	791299	84.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	348979	147.00	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1261786	90.19	ng	-0.01
78) Terphenyl-d14	12.96	244	1387305	89.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	105468	18.08	ng	# 77
50) 2,6-Dinitrotoluene	9.89	165	30805	7.98	ng	# 19
56) 2,4-Dinitrotoluene	9.89	165	30806	6.09	ng	# 37
66) 4-Bromophenyl-phenylether	10.68	248	21324	4.46	ng	# 1

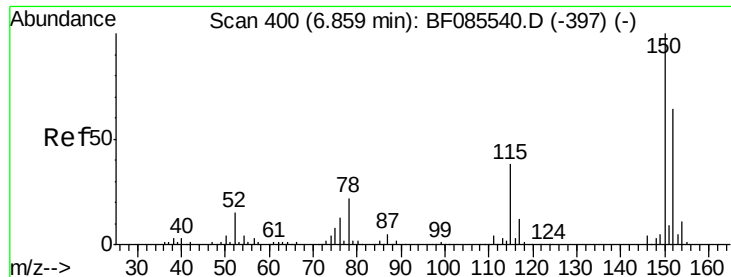
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 18 23:31:39 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

Instrument :

BNA_F

ClientSampleId :

TW-2

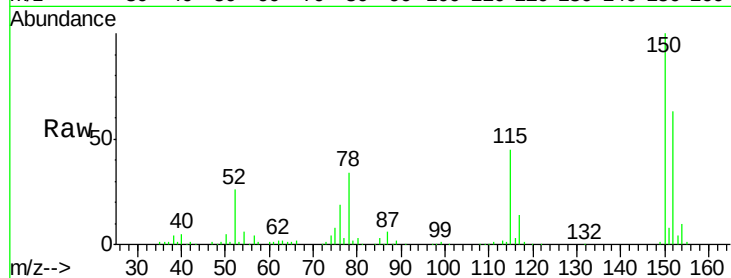
Tgt Ion:152 Resp: 127874

Ion Ratio Lower Upper

152 100

150 159.9 124.2 186.2

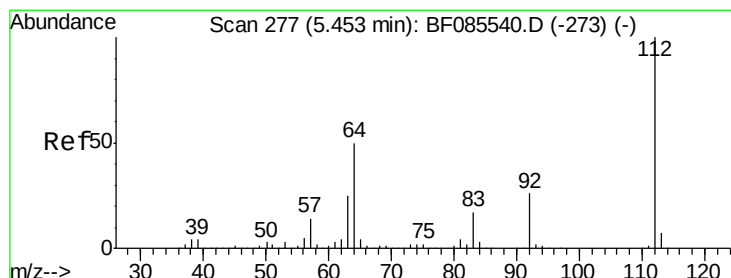
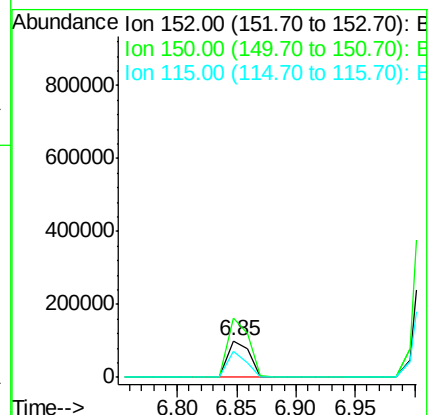
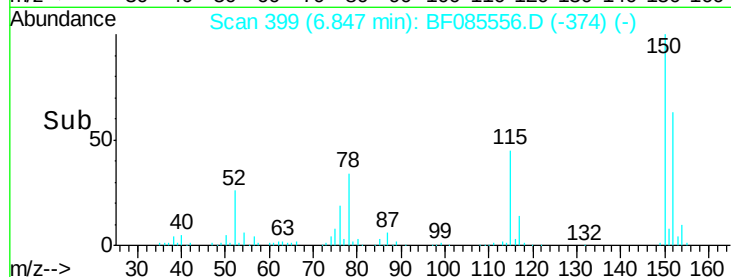
115 72.3 47.0 70.6#



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: 65.01 ng

RT: 5.44 min Scan# 276

Delta R.T. -0.01 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

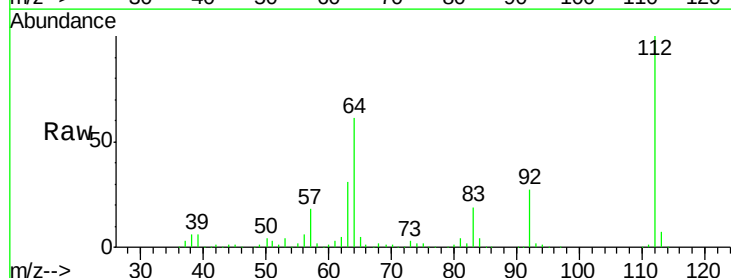
Tgt Ion:112 Resp: 494941

Ion Ratio Lower Upper

112 100

64 60.8 39.9 59.9#

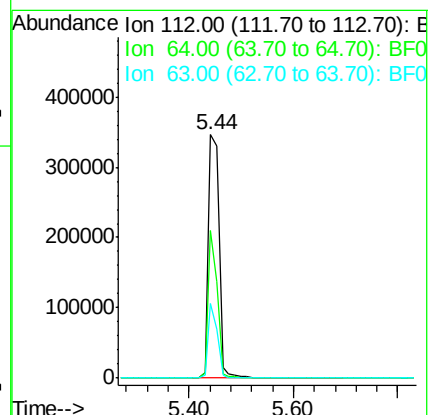
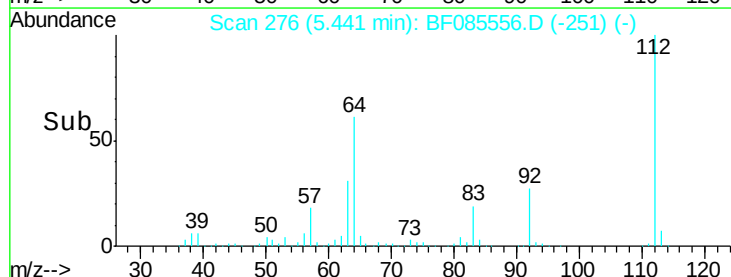
63 30.9 20.2 30.2#

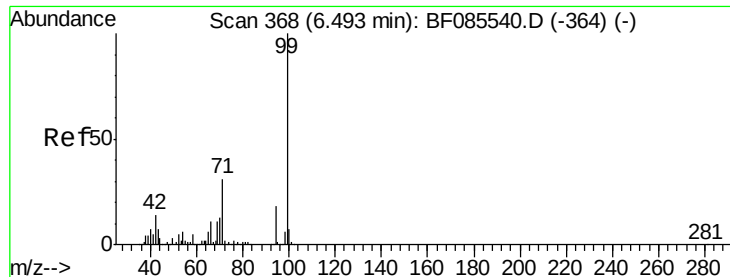


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.80 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

Instrument :

BNA_F

ClientSampleId :

TW-2

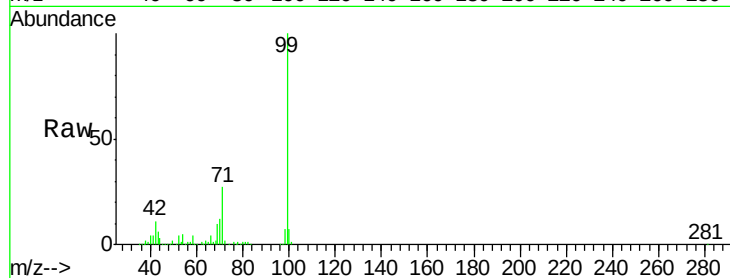
Tgt Ion: 99 Resp: 408106

Ion Ratio Lower Upper

99 100

42 11.5 11.1 16.7

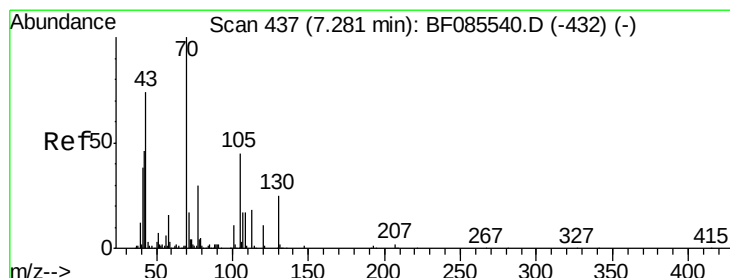
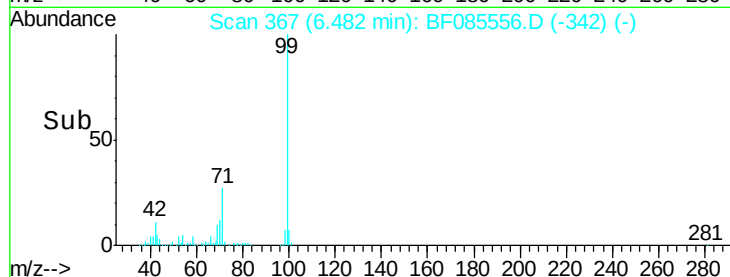
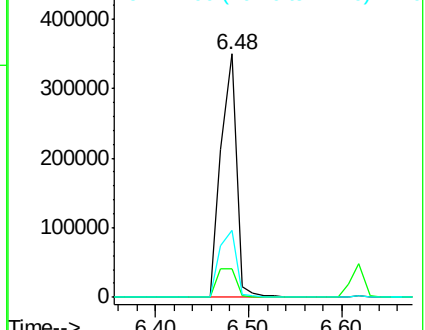
71 27.4 24.9 37.3



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: 18.08 ng

RT: 7.42 min Scan# 449

Delta R.T. 0.14 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

Tgt Ion: 70 Resp: 105468

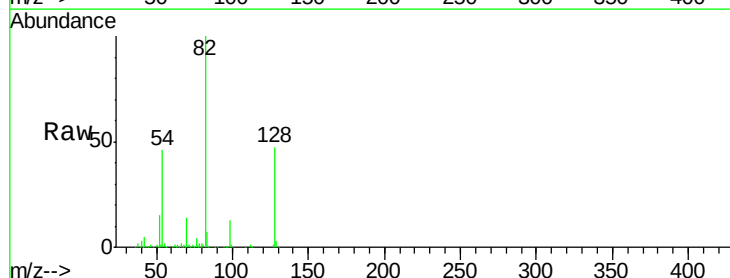
Ion Ratio Lower Upper

70 100

42 39.1 37.1 55.7

101 0.0 8.6 12.8#

130 2.3 19.6 29.4#

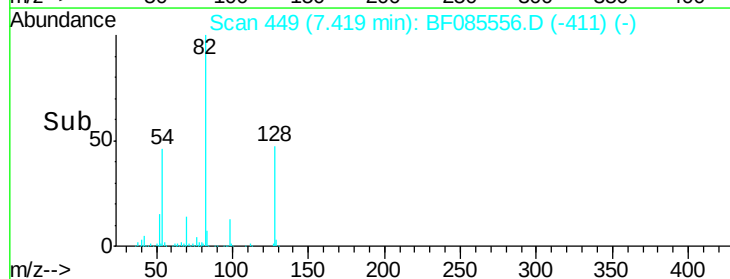
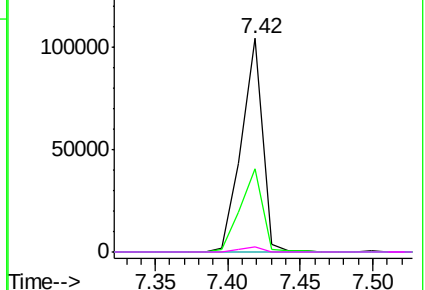


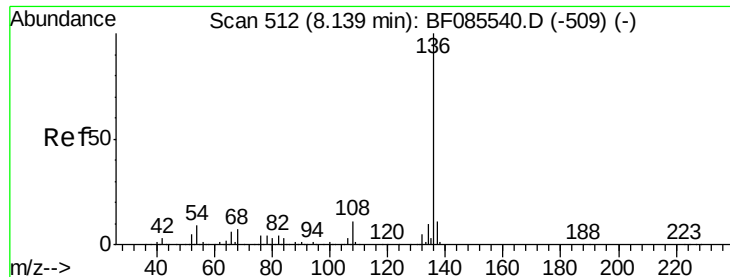
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

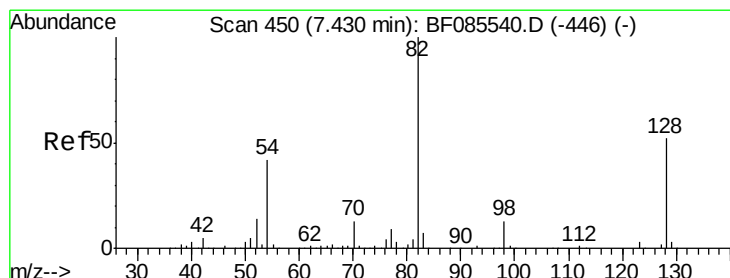
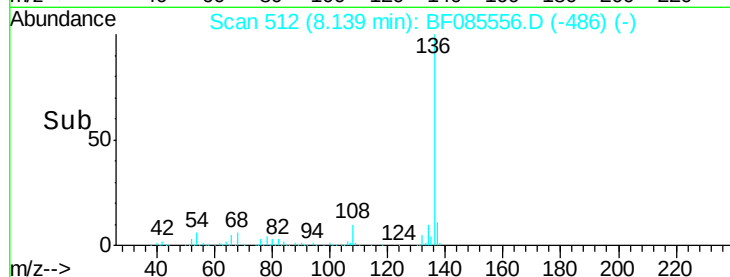
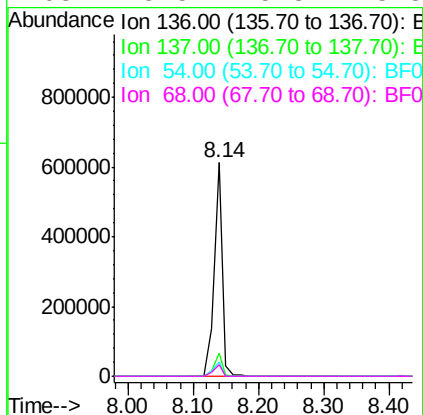
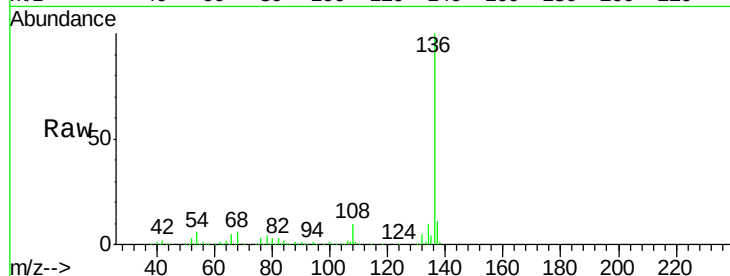




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF085556.D
Acq: 19 Mar 2016 6:07

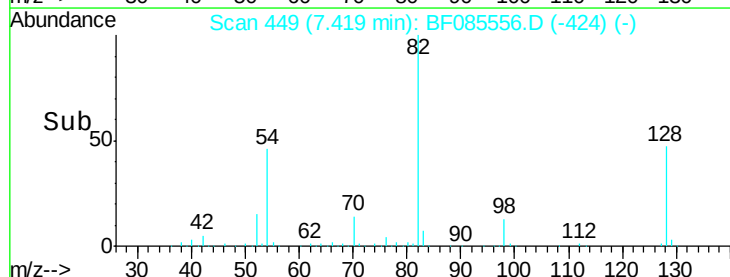
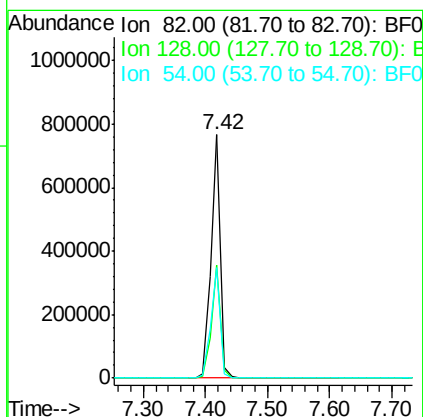
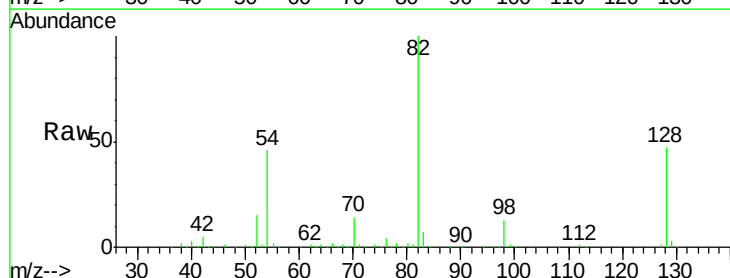
Instrument :
BNA_F
ClientSampleId :
TW-2

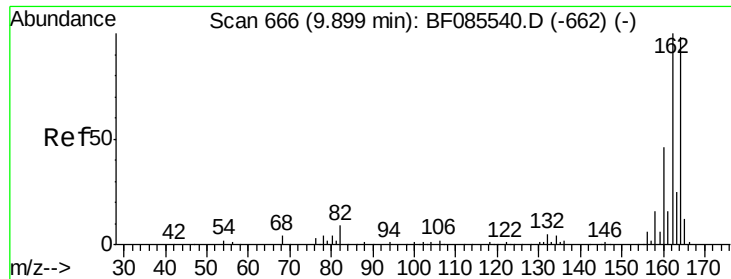
Tgt Ion:	136	Resp:	543172
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.3	7.4	11.0#
68	5.5	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 84.56 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF085556.D
Acq: 19 Mar 2016 6:07

Tgt Ion:	82	Resp:	791299
Ion	Ratio	Lower	Upper
82	100		
128	46.6	41.8	62.8
54	45.6	33.4	50.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

Instrument :

BNA_F

ClientSampleId :

TW-2

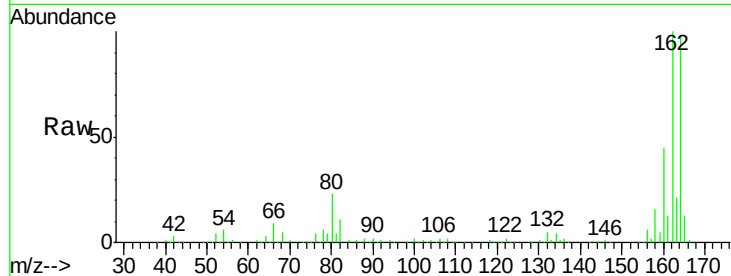
Tgt Ion:164 Resp: 242359

Ion Ratio Lower Upper

164 100

162 101.9 82.1 123.1

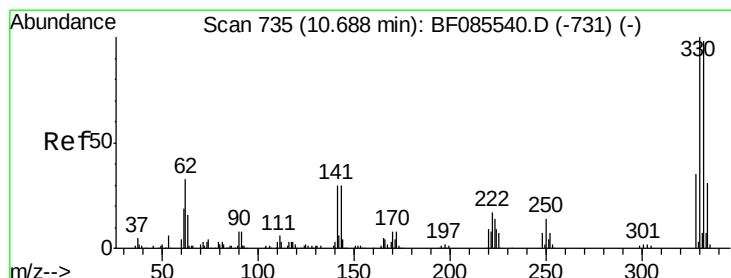
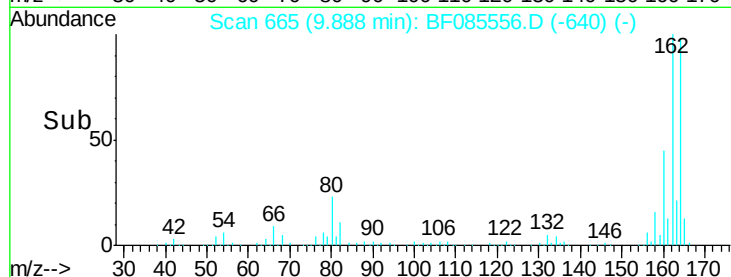
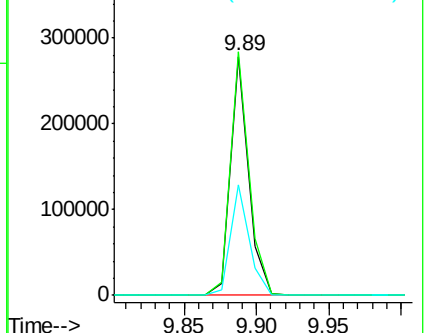
160 46.3 37.4 56.2



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: 147.00 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

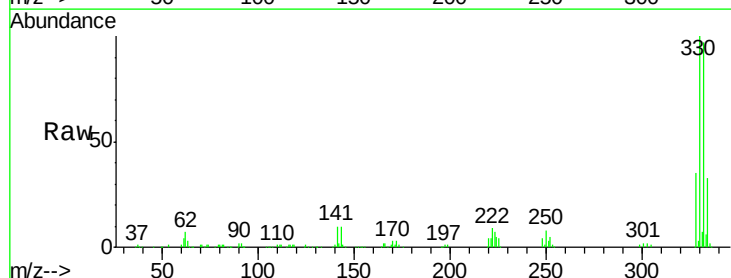
Tgt Ion:330 Resp: 348979

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

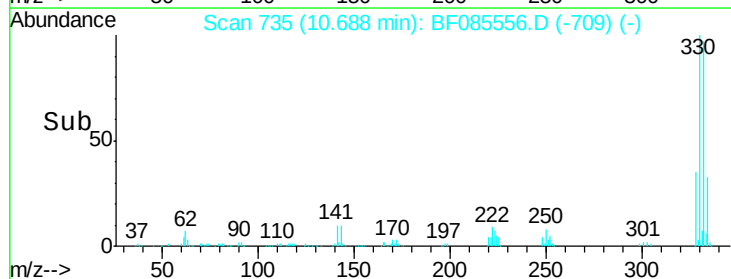
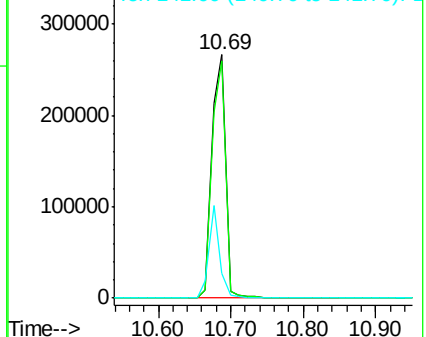
141 30.1 31.5 47.3#

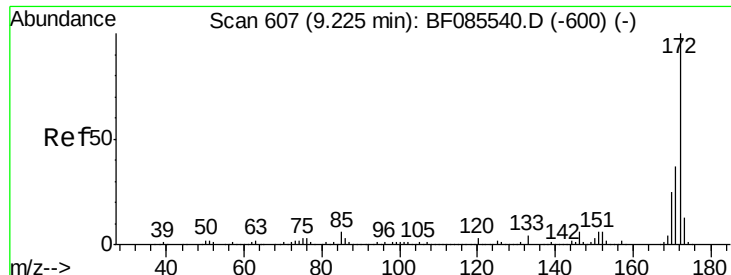


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

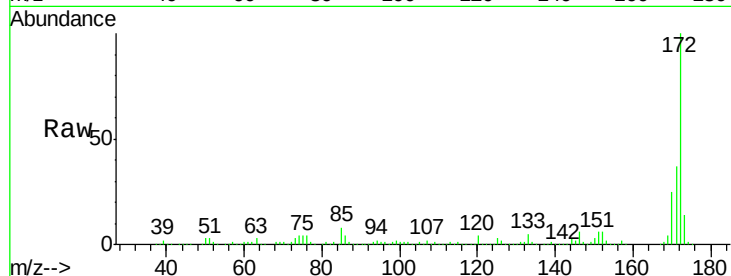




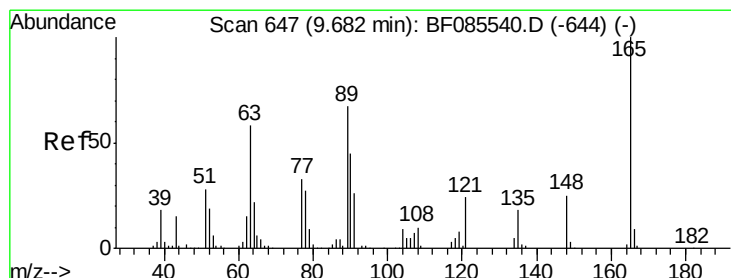
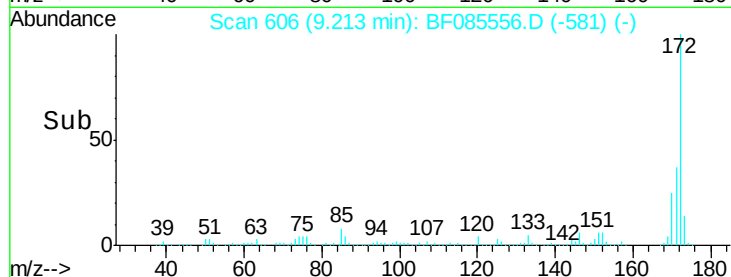
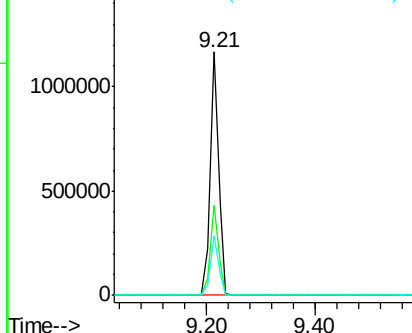
#44
 2-Fluorobiphenyl
 Concen: 90.19 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085556.D
 Acq: 19 Mar 2016 6:07

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:172 Resp: 1261786
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.4 44.2
 170 24.6 19.8 29.6

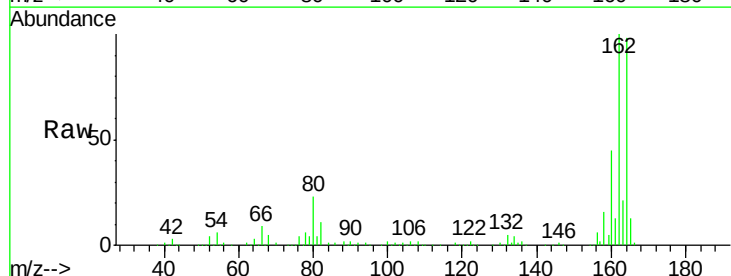


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

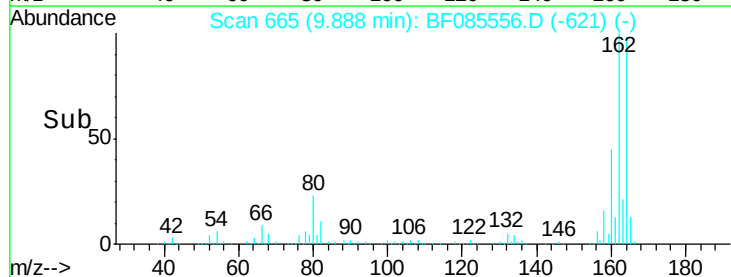
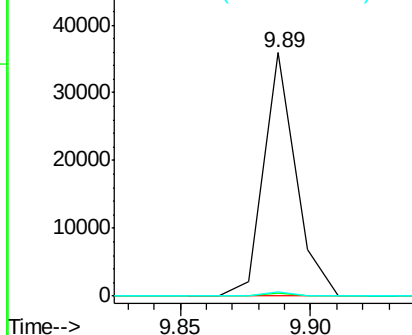


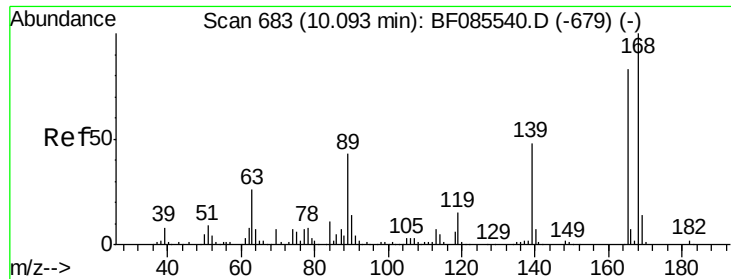
#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.89 min Scan# 665
 Delta R.T. 0.21 min
 Lab File: BF085556.D
 Acq: 19 Mar 2016 6:07

Tgt Ion:165 Resp: 30805
 Ion Ratio Lower Upper
 165 100
 63 1.3 51.8 77.8#
 89 1.9 53.7 80.5#



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





#56

2,4-Dinitrotoluene

Concen: 6.09 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.21 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

Instrument :

BNA_F

ClientSampleId :

TW-2

Tgt Ion:165 Resp: 30806

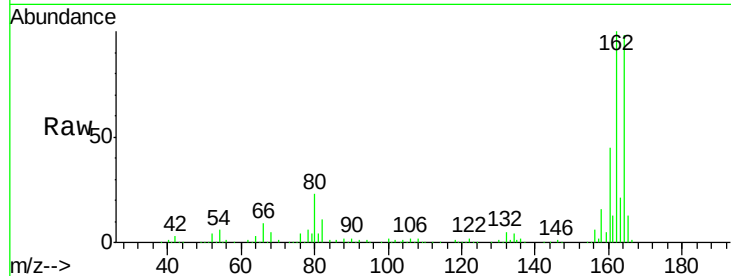
Ion Ratio Lower Upper

165 100

63 1.3 24.9 37.3#

89 1.9 41.0 61.6#

182 0.0 2.1 3.1#

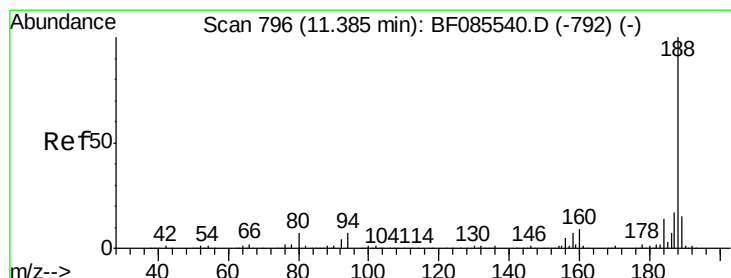
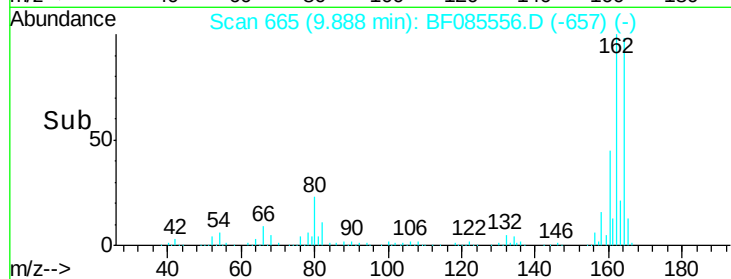
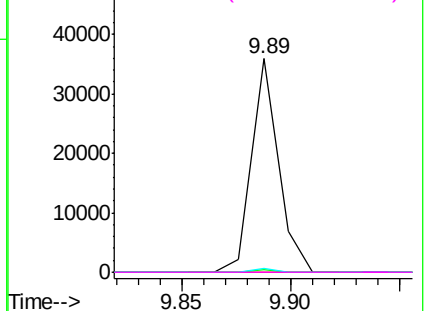


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

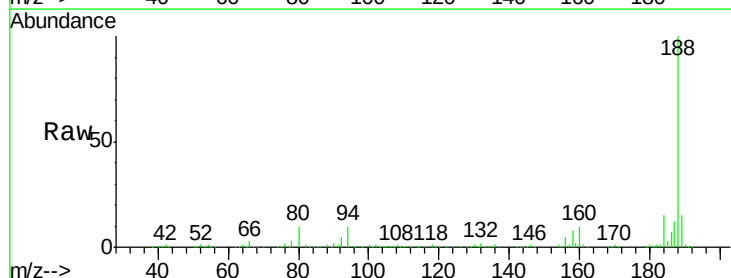
Tgt Ion:188 Resp: 478247

Ion Ratio Lower Upper

188 100

94 9.8 5.4 8.0#

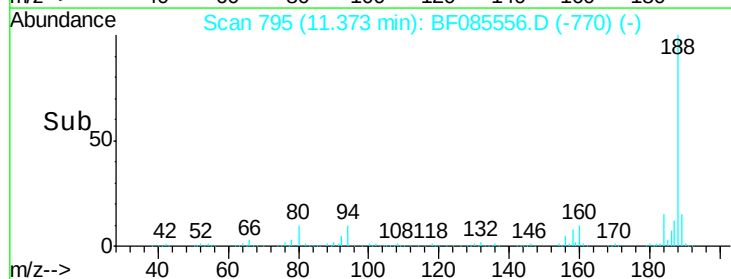
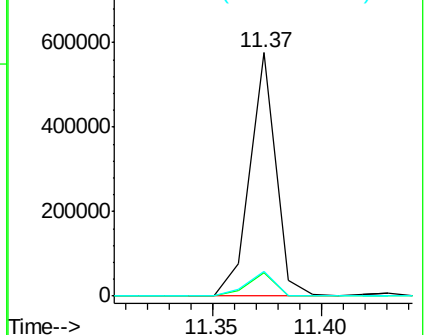
80 10.1 5.5 8.3#

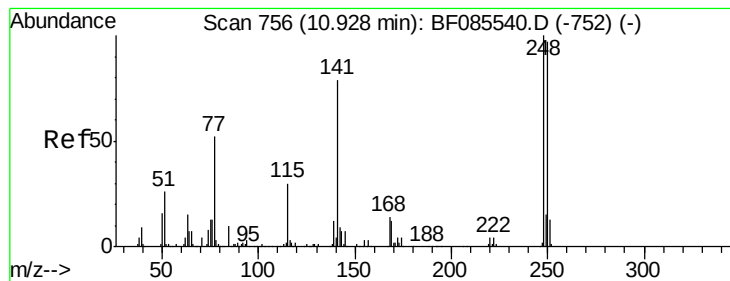


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.46 ng

RT: 10.68 min Scan# 734

Delta R.T. -0.25 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

Instrument :

BNA_F

ClientSampled :

TW-2

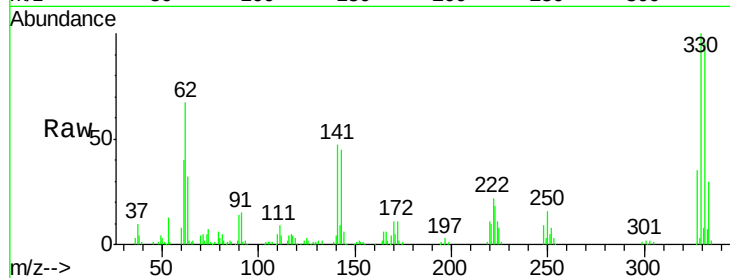
Tgt Ion:248 Resp: 21324

Ion Ratio Lower Upper

248 100

250 189.6 77.4 116.0#

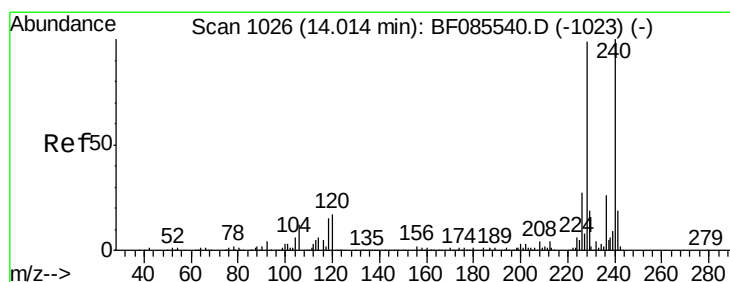
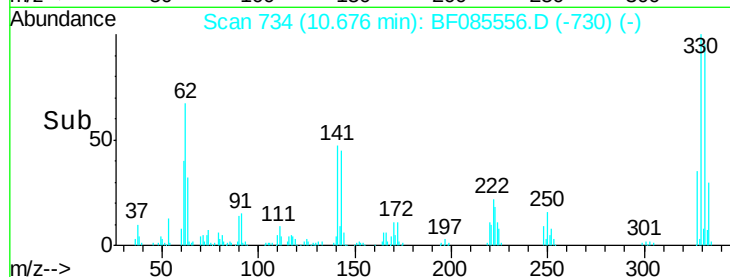
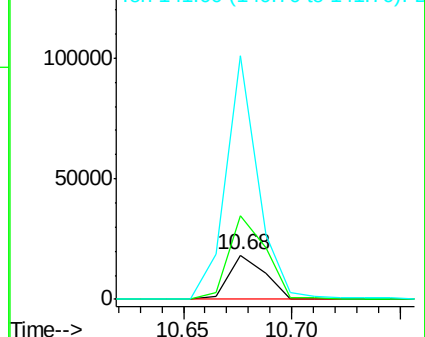
141 549.6 63.6 95.4#



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: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085556.D

Acq: 19 Mar 2016 6:07

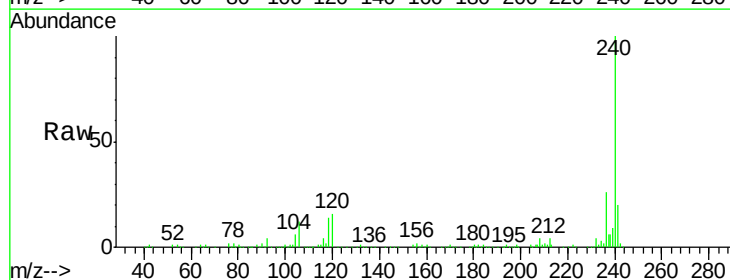
Tgt Ion:240 Resp: 371689

Ion Ratio Lower Upper

240 100

120 16.3 13.8 20.8

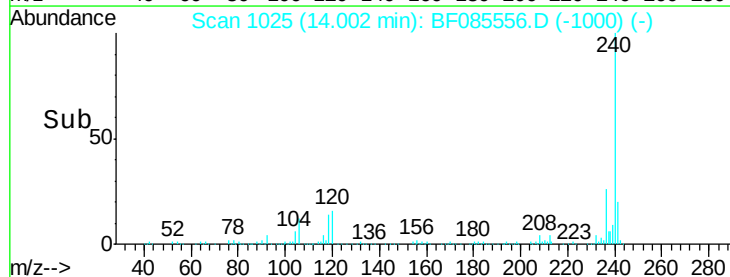
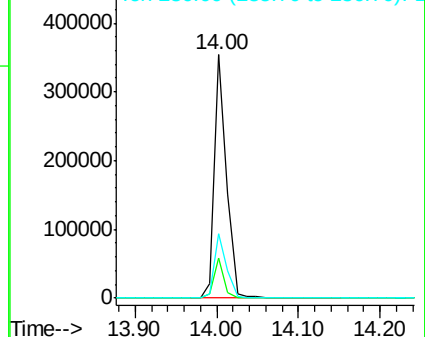
236 26.3 20.6 30.8

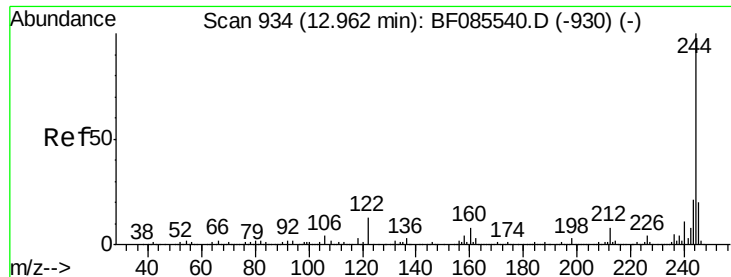


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

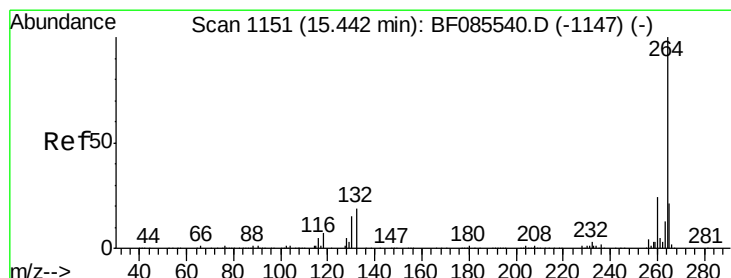
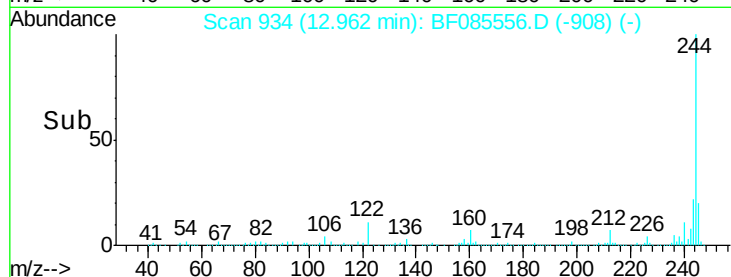
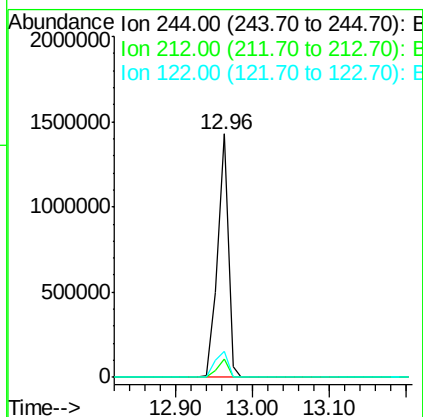
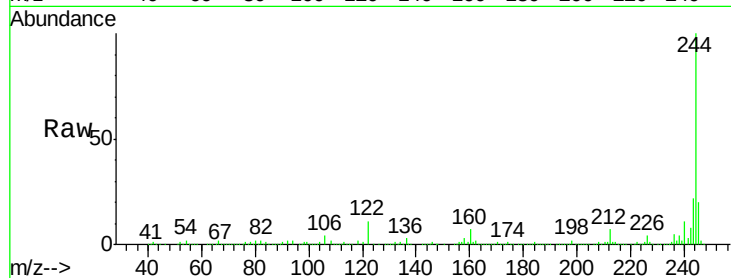




#78
 Terphenyl-d14
 Concen: 89.82 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085556.D
 Acq: 19 Mar 2016 6:07

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Tgt Ion:244 Resp: 1387305
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.5 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085556.D
 Acq: 19 Mar 2016 6:07

Tgt Ion:264 Resp: 309266
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.4 29.2
 265 21.5 17.2 25.8

