

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083572.D
 Acq On : 7 Dec 2015 22:57
 Operator : UM/IZ
 Sample : G4579-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5(8-14)

Quant Time: Dec 08 01:19:26 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

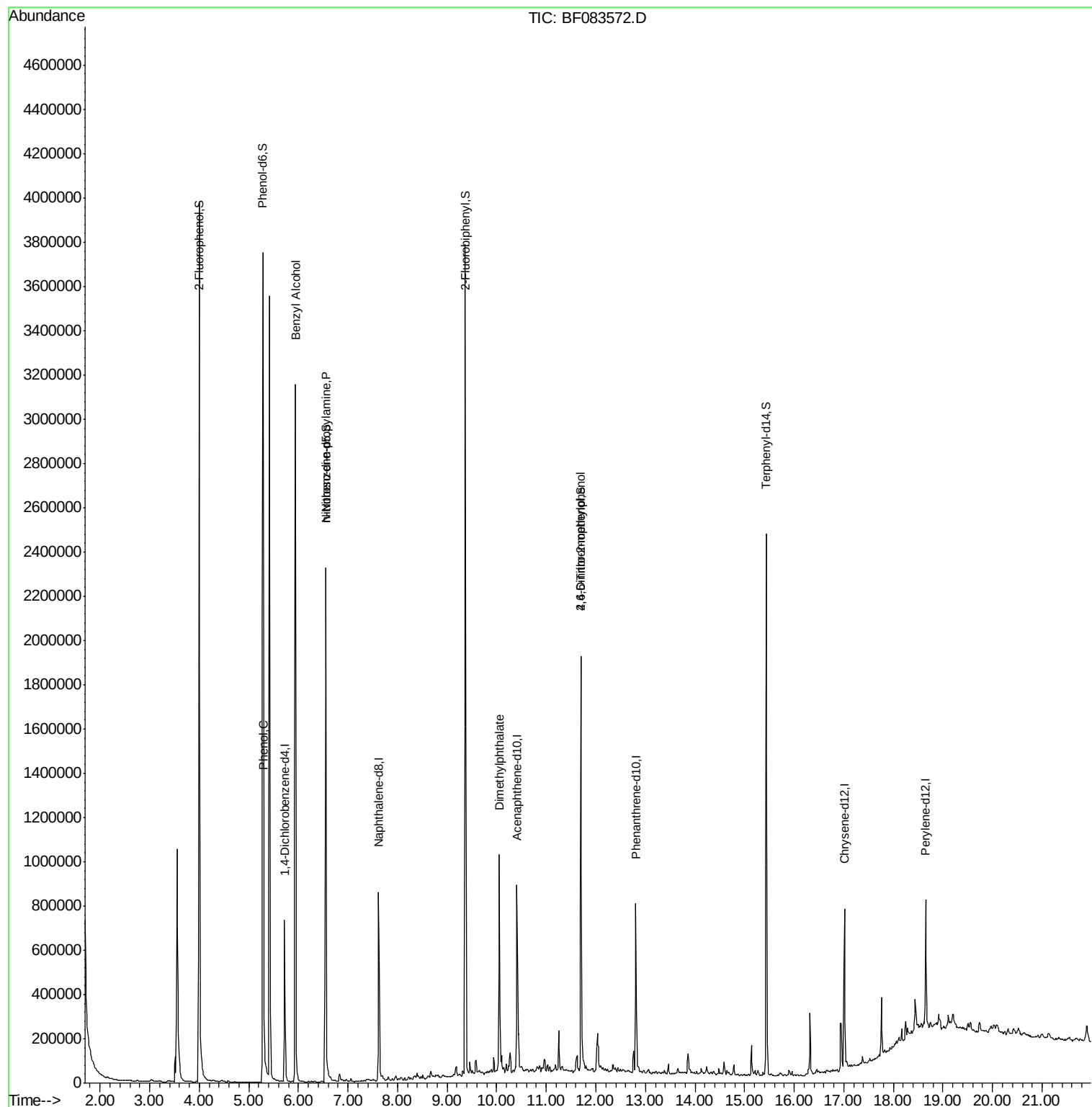
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	145608	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	546222	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	242530	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	374073	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	347279	20.00	ng	-0.03
86) Perylene-d12	18.65	264	283962	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	1392809	145.12	ng	-0.03
7) Phenol-d6	5.29	99	1876763	141.92	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1263024	108.09	ng	-0.05
41) 2,4,6-Tribromophenol	11.70	330	294856	131.79	ng	-0.06
44) 2-Fluorobiphenyl	9.37	172	1630137	91.17	ng	-0.06
78) Terphenyl-d14	15.44	244	1146303	73.45	ng	-0.05
Target Compounds						
10) Phenol	5.30	94	36527	2.36	ng	# 35
15) Benzyl Alcohol	5.94	79	20134	2.19	ng	# 52
19) n-Nitroso-di-n-propylamine	6.56	70	165082	18.71	ng	# 79
49) Dimethylphthalate	10.05	163	533497	27.95	ng	98
64) 4,6-Dinitro-2-methylphenol	11.70	198	577	3.70	ng	# 1

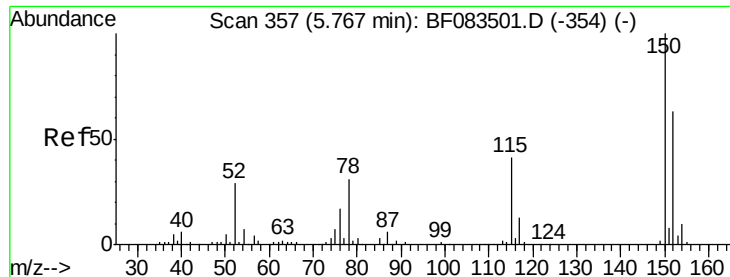
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
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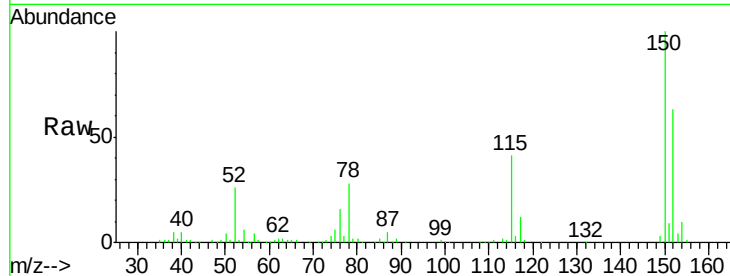


#1

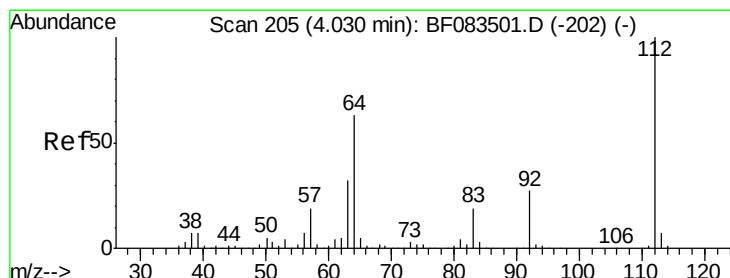
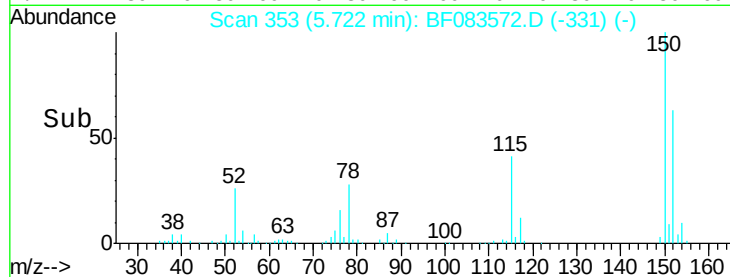
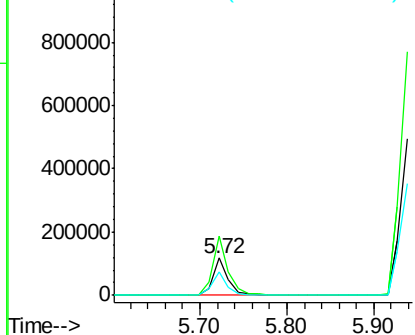
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Instrument :
BNA_F
ClientSampleId :
TP5(8-14)

Tgt Ion:152 Resp: 145608
Ion Ratio Lower Upper
152 100
150 159.0 126.5 189.7
115 64.7 52.3 78.5



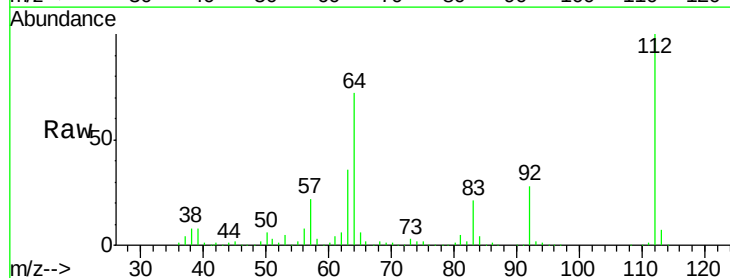
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



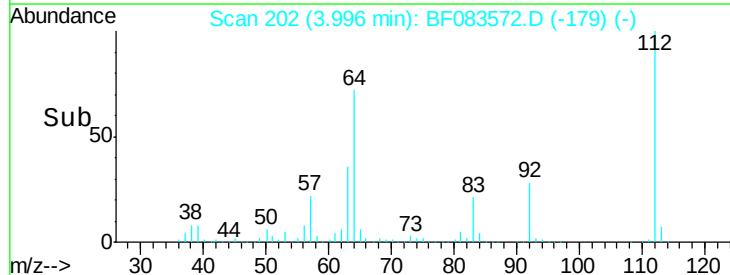
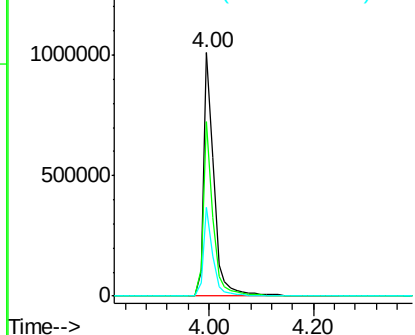
#5

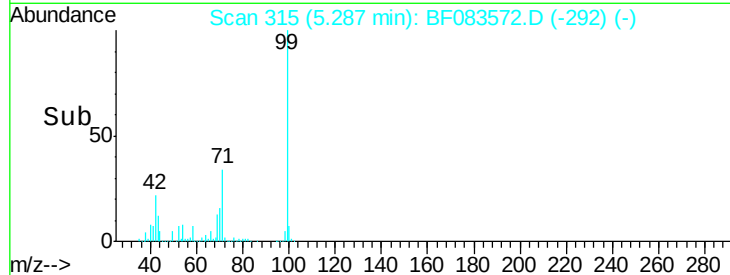
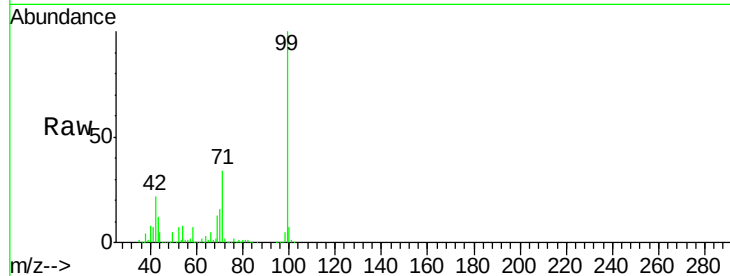
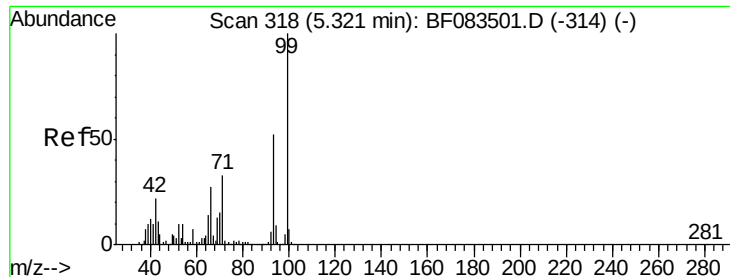
2-Fluorophenol
Concen: 145.12 ng
RT: 4.00 min Scan# 202
Delta R.T. -0.03 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Tgt Ion:112 Resp: 1392809
Ion Ratio Lower Upper
112 100
64 71.9 50.5 75.7
63 36.4 25.8 38.6



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

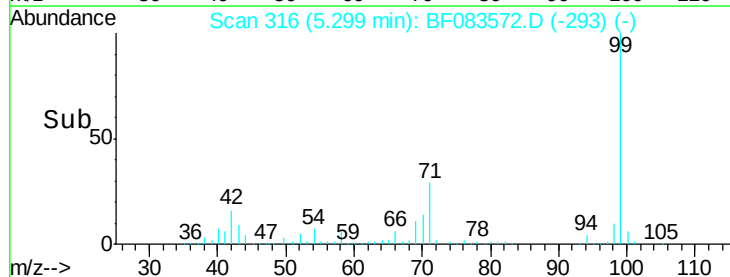
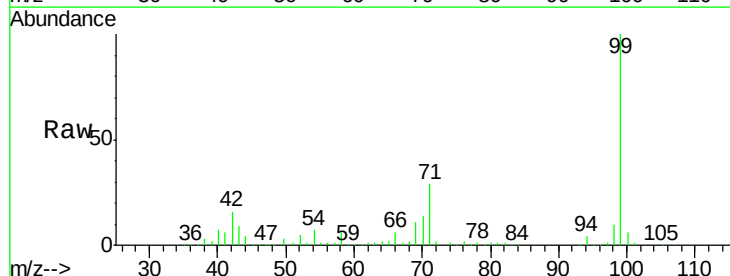
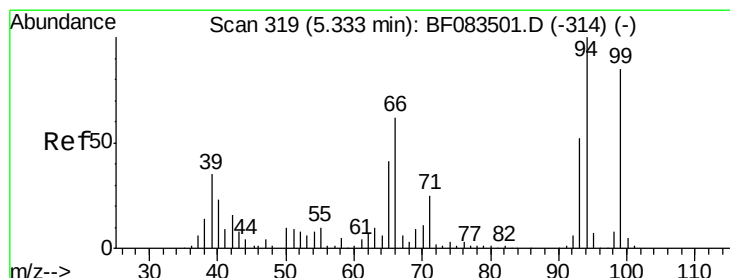
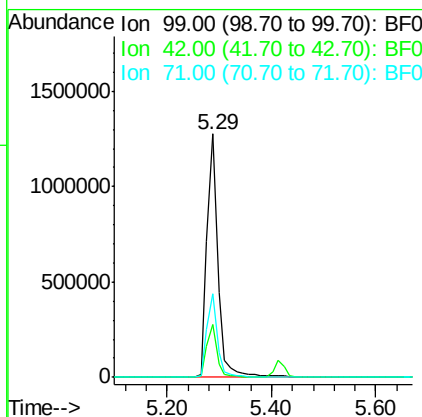




#7
Phenol-d6
Concen: 141.92 ng
RT: 5.29 min Scan# 315
Delta R.T. -0.03 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

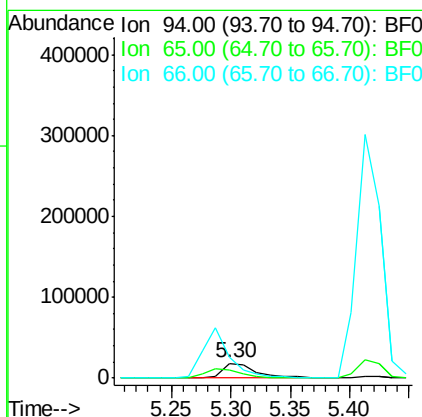
Instrument :
BNA_F
ClientSampleId :
TP5(8-14)

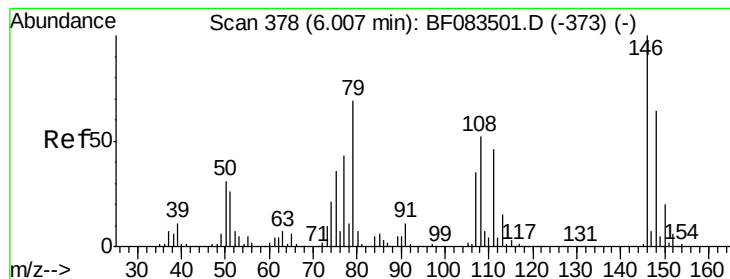
Tgt Ion: 99 Resp: 1876763
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 34.4 26.6 40.0



#10
Phenol
Concen: 2.36 ng
RT: 5.30 min Scan# 316
Delta R.T. -0.03 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Tgt Ion: 94 Resp: 36527
Ion Ratio Lower Upper
94 100
65 50.2 20.9 60.9
66 137.1 41.6 81.6#





#15

Benzyl Alcohol

Concen: 2.19 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

Instrument :

BNA_F

ClientSampleId :

TP5(8-14)

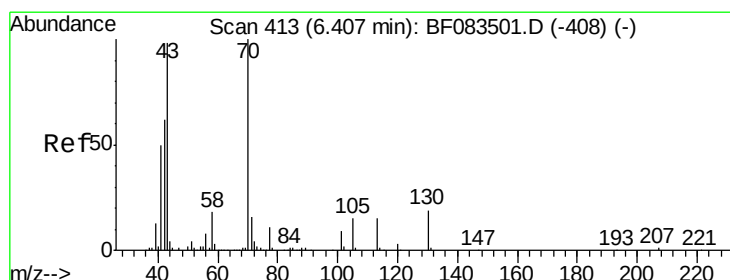
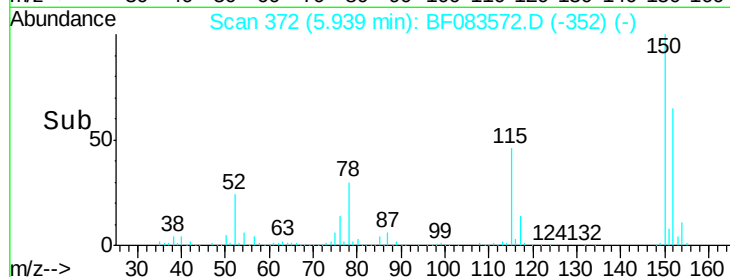
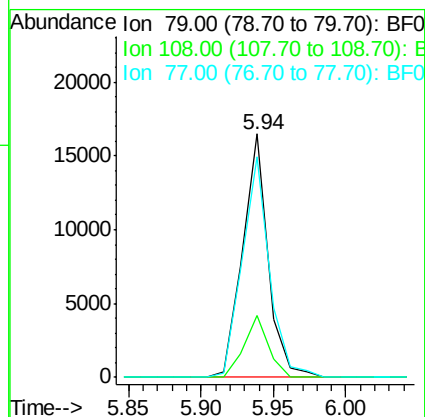
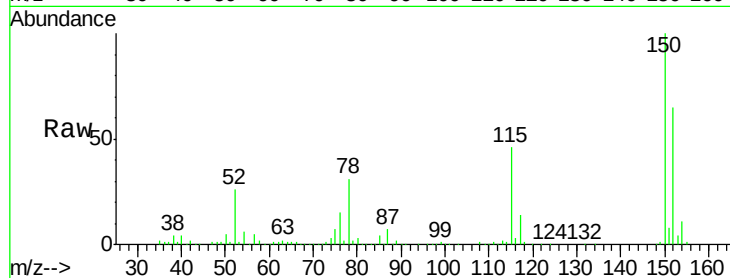
Tgt Ion: 79 Resp: 20134

Ion Ratio Lower Upper

79 100

108 25.3 59.6 89.4#

77 90.6 49.8 74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 18.71 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

Tgt Ion: 70 Resp: 165082

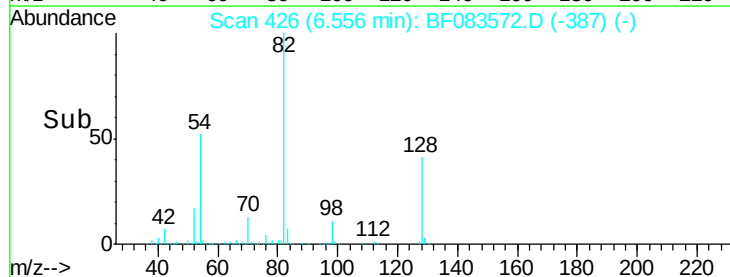
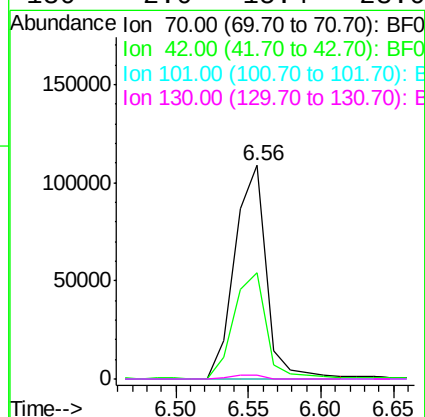
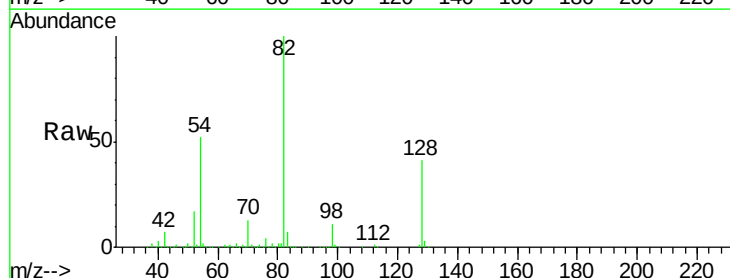
Ion Ratio Lower Upper

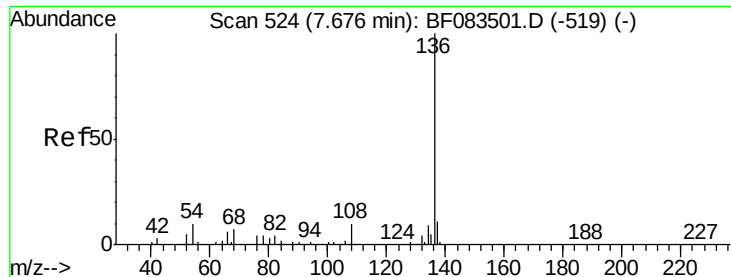
70 100

42 50.0 49.2 73.8

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#

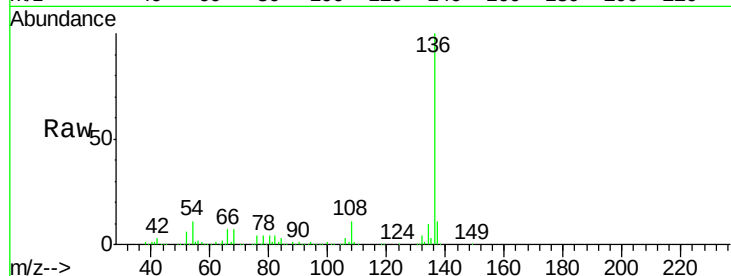




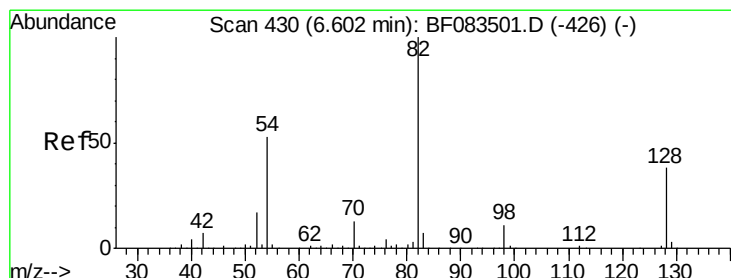
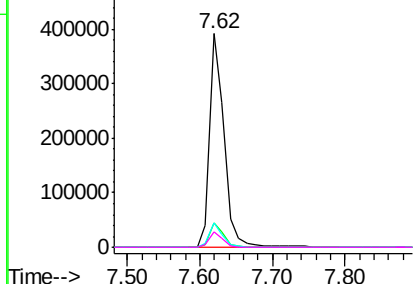
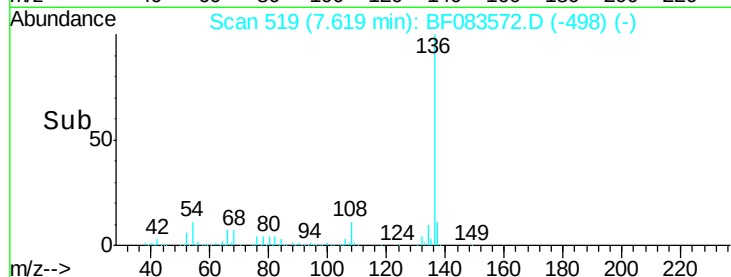
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Instrument :
BNA_F
ClientSampleId :
TP5(8-14)

Tgt Ion:	136	Resp:	546222
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	11.4	7.8	11.6
68	7.3	5.7	8.5

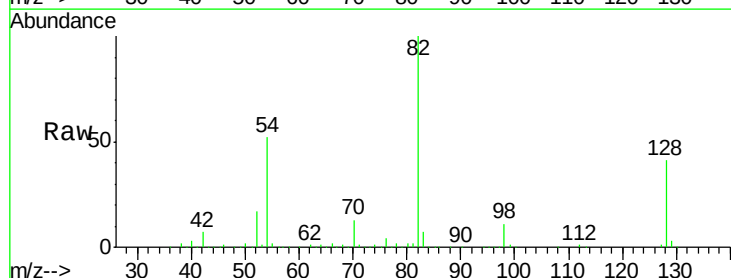


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

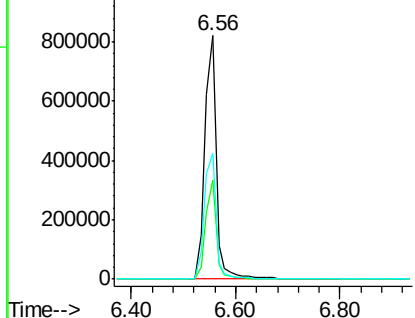
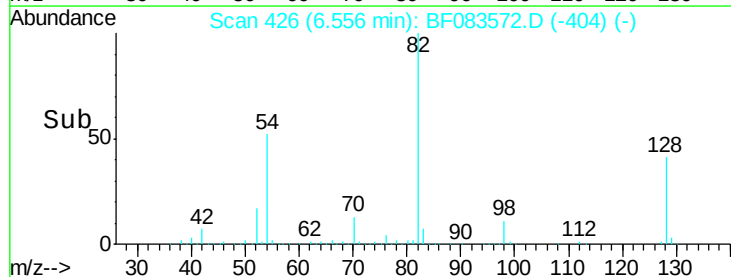


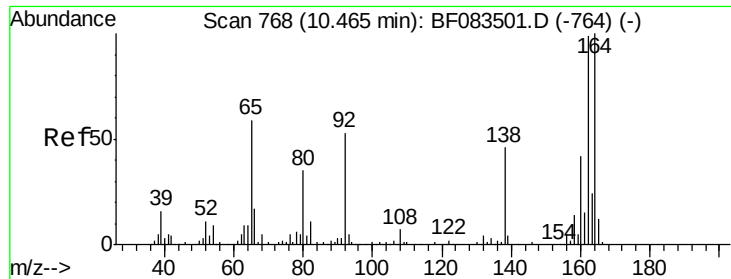
#23
Nitrobenzene-d5
Concen: 108.09 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Tgt Ion:	82	Resp:	1263024
Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.7	46.1
54	51.6	42.5	63.7



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

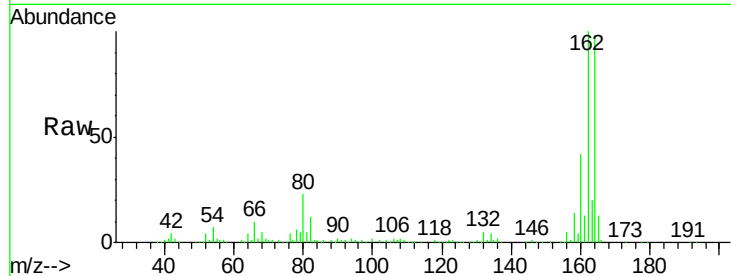




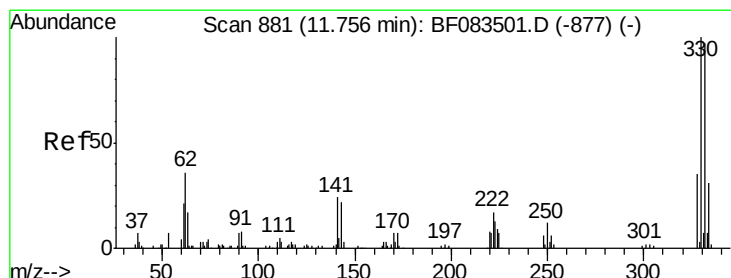
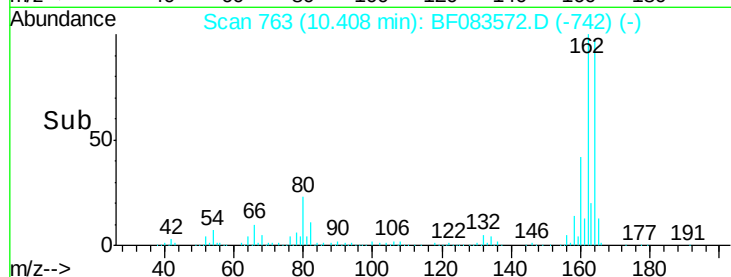
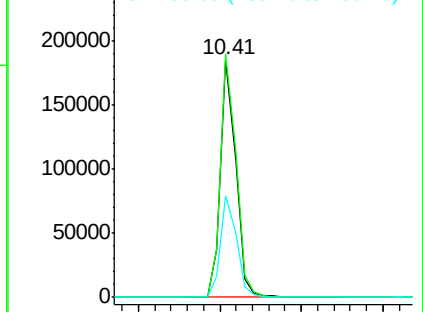
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Instrument :
BNA_F
ClientSampleId :
TP5(8-14)

Tgt Ion:164 Resp: 242530
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 42.7 33.4 50.2

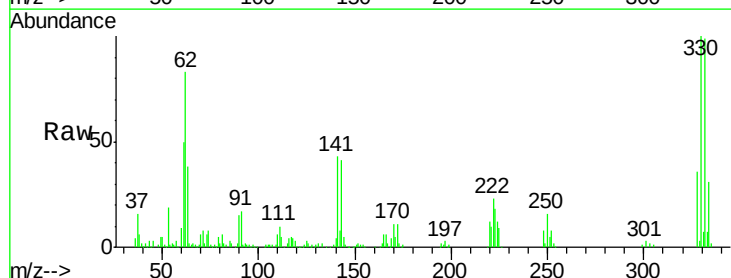


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

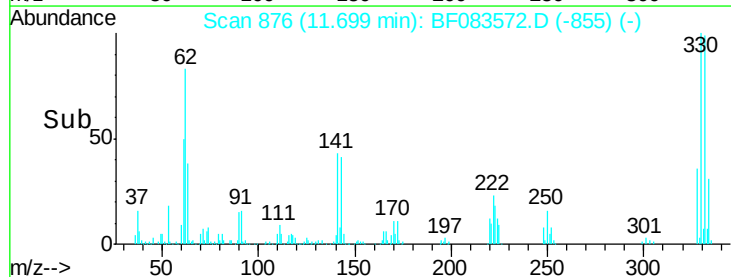
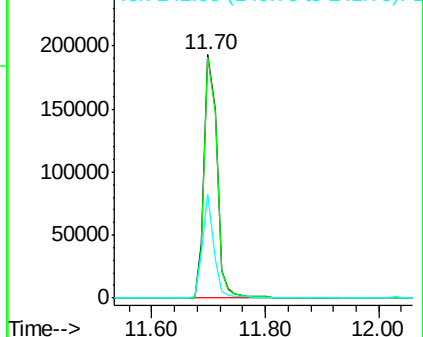


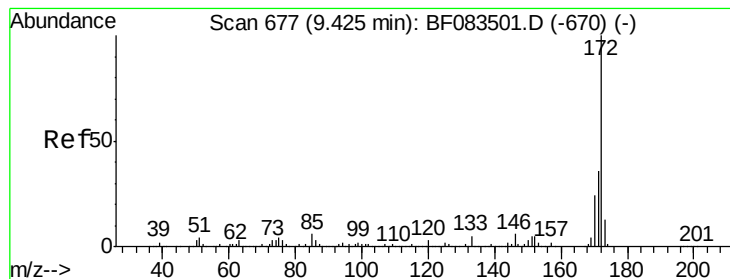
#41
2,4,6-Tribromophenol
Concen: 131.79 ng
RT: 11.70 min Scan# 876
Delta R.T. -0.06 min
Lab File: BF083572.D
Acq: 7 Dec 2015 22:57

Tgt Ion:330 Resp: 294856
Ion Ratio Lower Upper
330 100
332 98.0 0.0 0.0#
141 38.3 0.0 0.0#



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: 91.17 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

Instrument :

BNA_F

ClientSampleId :

TP5(8-14)

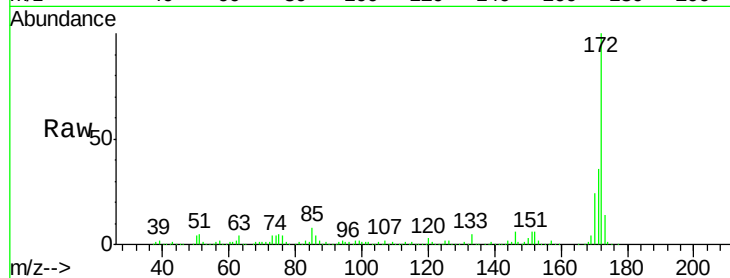
Tgt Ion:172 Resp: 1630137

Ion Ratio Lower Upper

172 100

171 36.1 28.6 42.8

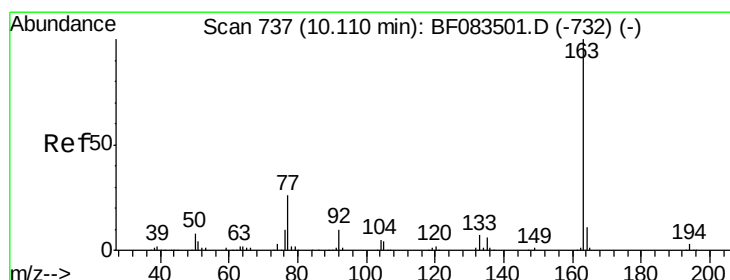
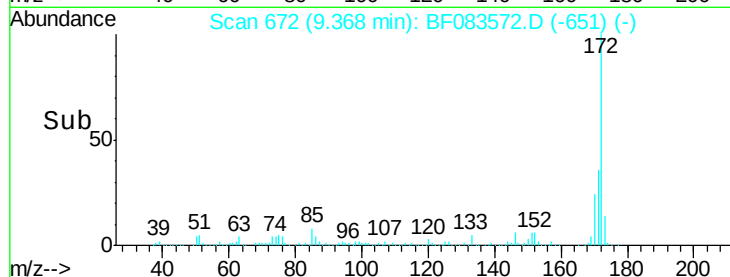
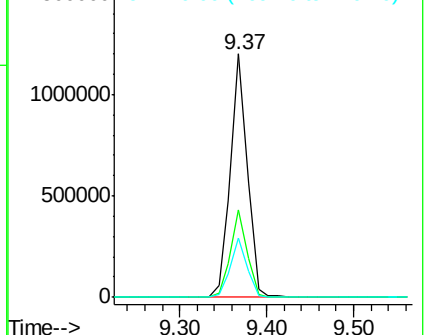
170 24.4 19.4 29.0



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: 27.95 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

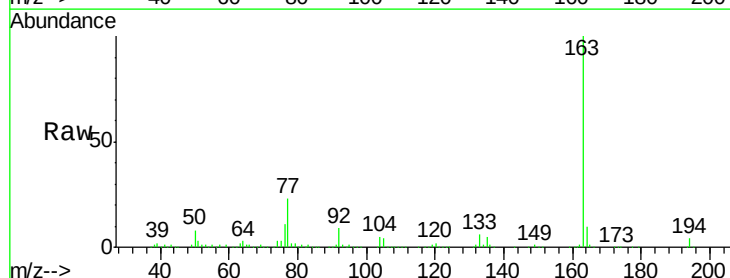
Tgt Ion:163 Resp: 533497

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

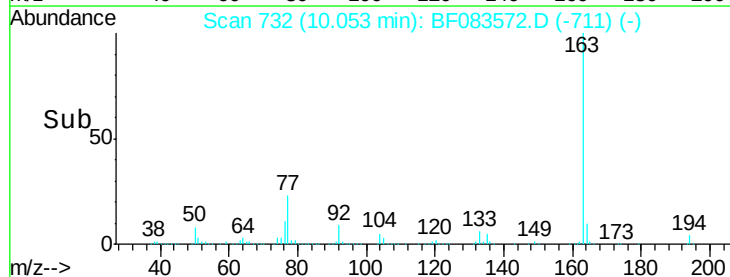
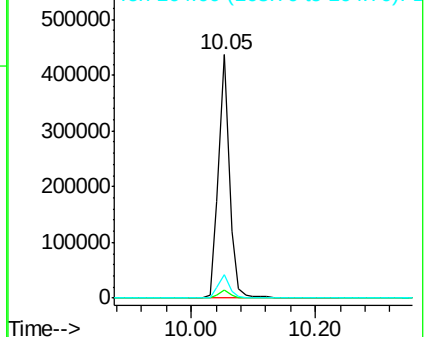
164 9.8 8.6 13.0

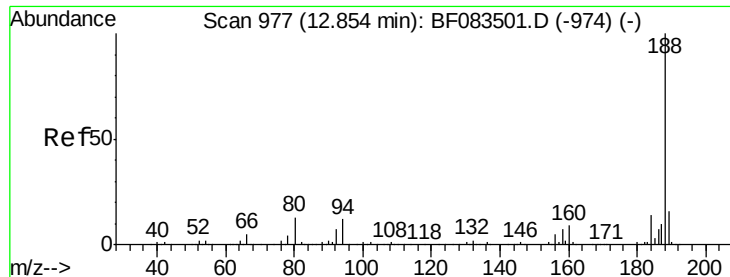


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

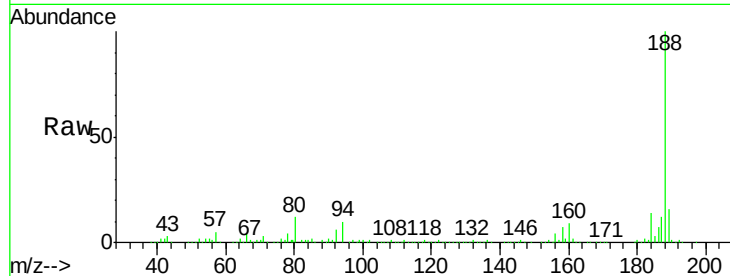




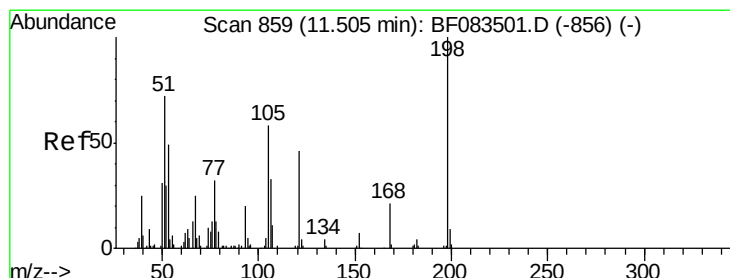
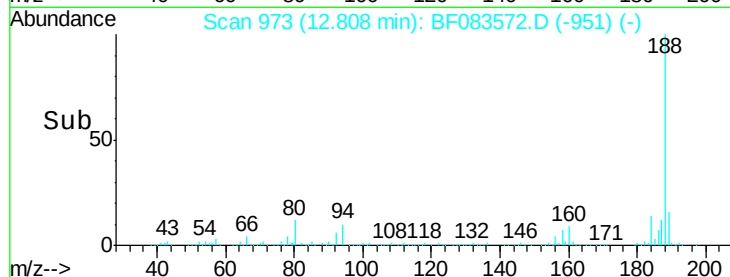
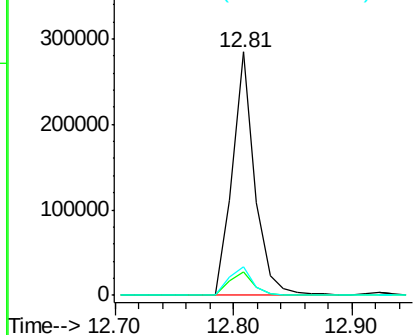
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.05 min
 Lab File: BF083572.D
 Acq: 7 Dec 2015 22:57

Instrument :
 BNA_F
 ClientSampleId :
 TP5(8-14)

Tgt Ion:188 Resp: 374073
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.4 14.2
 80 11.9 10.6 16.0

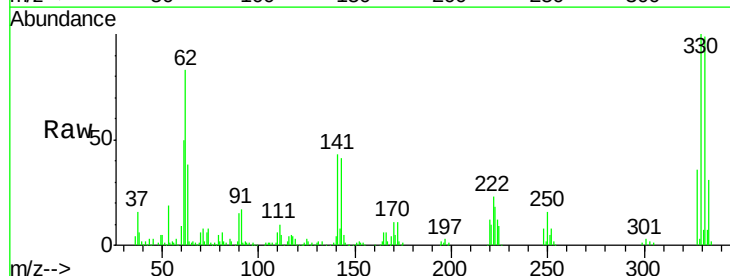


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

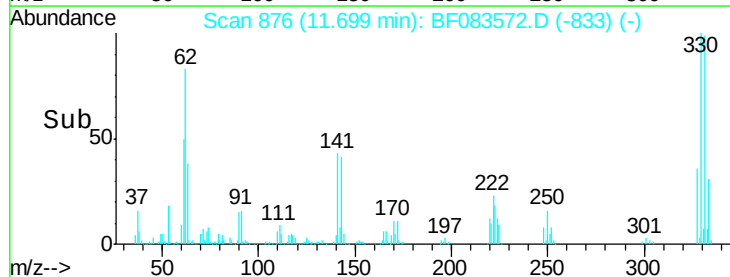
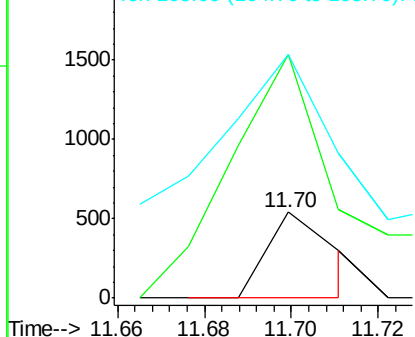


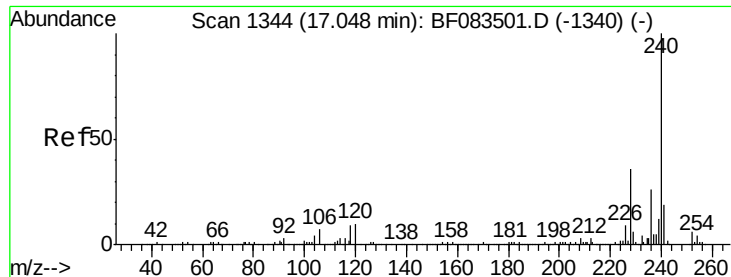
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.70 ng
 RT: 11.70 min Scan# 876
 Delta R.T. 0.20 min
 Lab File: BF083572.D
 Acq: 7 Dec 2015 22:57

Tgt Ion:198 Resp: 577
 Ion Ratio Lower Upper
 198 100
 51 283.5 53.8 93.8#
 105 283.5 38.6 78.6#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.01 min Scan# 1341

Delta R.T. -0.03 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

Instrument :

BNA_F

ClientSampleId :

TP5(8-14)

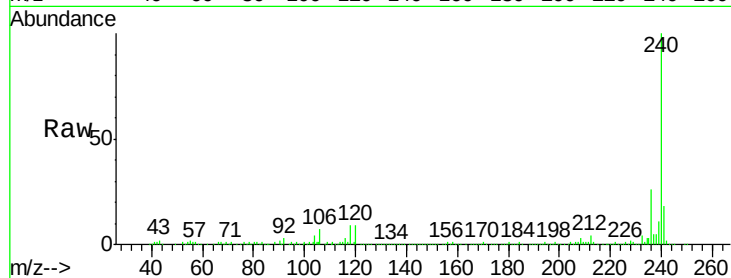
Tgt Ion:240 Resp: 347279

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

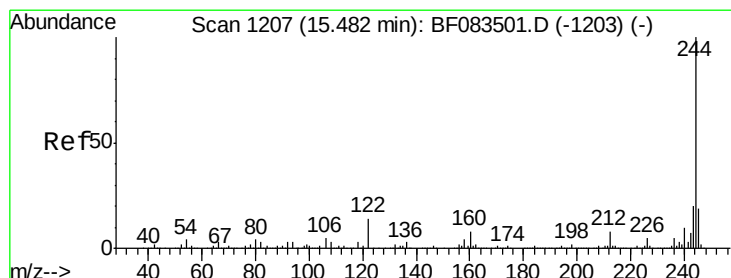
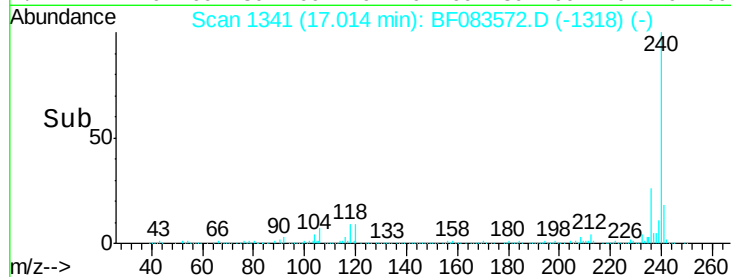
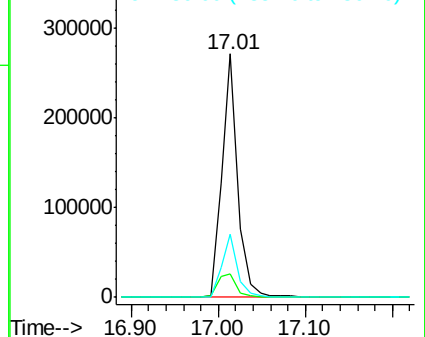
236 25.7 20.8 31.2



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: 73.45 ng

RT: 15.44 min Scan# 1203

Delta R.T. -0.05 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

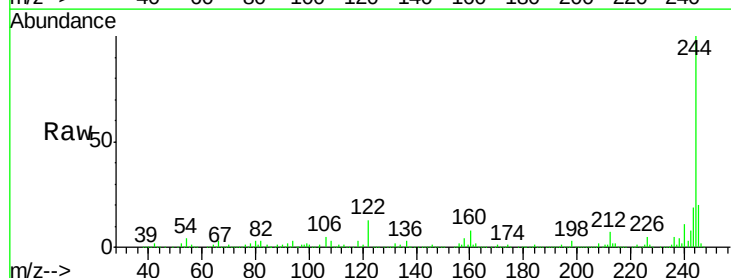
Tgt Ion:244 Resp: 1146303

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

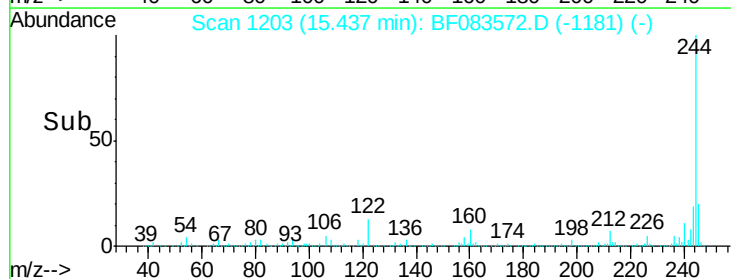
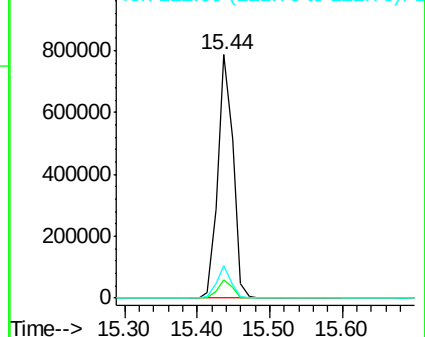
122 13.2 11.0 16.6

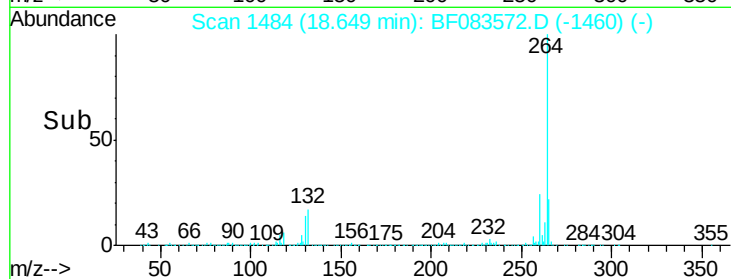
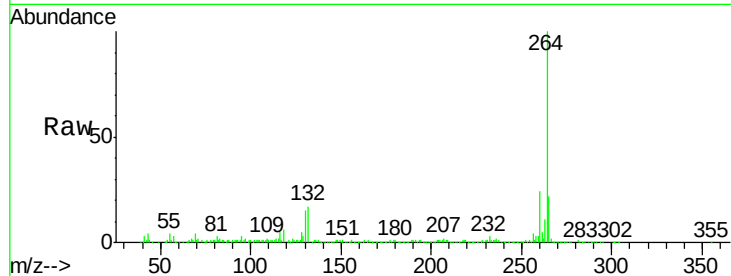
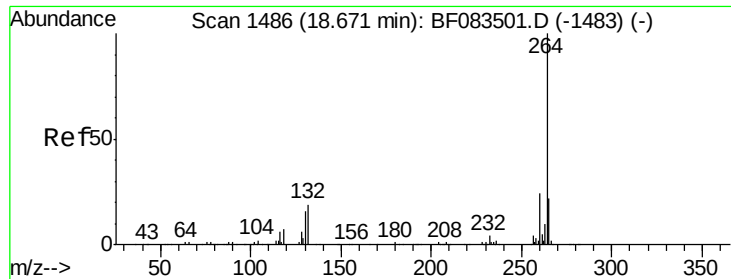


Abundance Ion 244.00 (243.70 to 244.70): E

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: 18.65 min Scan# 1484

Delta R.T. -0.02 min

Lab File: BF083572.D

Acq: 7 Dec 2015 22:57

Instrument :

BNA_F

ClientSampleId :

TP5(8-14)

Tgt Ion: 264 Resp: 283962

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 22.0 17.8 26.6

