

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
 Data File : BF083565.D
 Acq On : 7 Dec 2015 19:29
 Operator : UM/IZ
 Sample : G4579-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1(18-24)

Quant Time: Dec 08 01:17:23 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

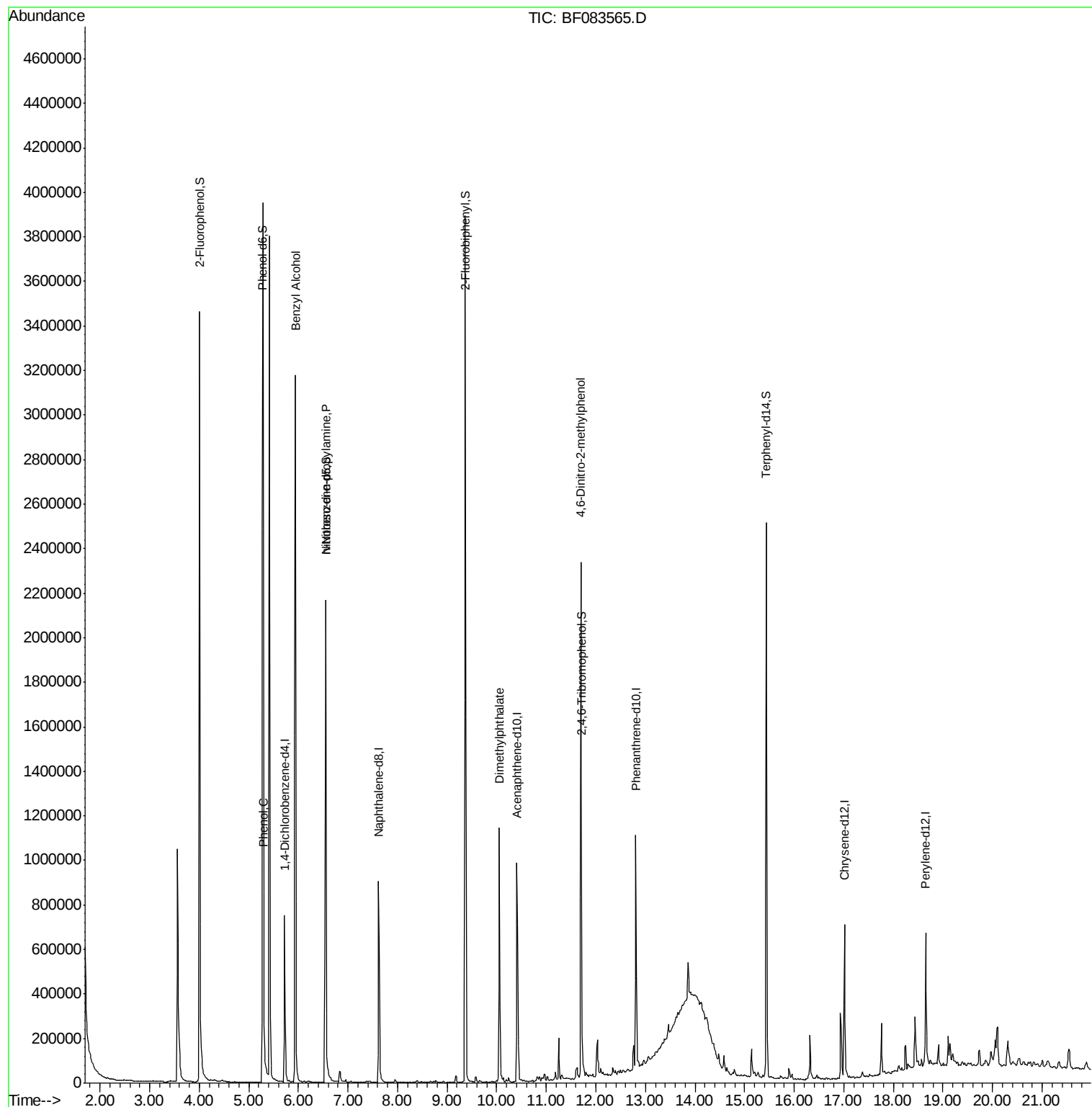
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	150276	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	604957	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	302668	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	520890	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	339306	20.00	ng	-0.03
86) Perylene-d12	18.65	264	314176	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.01	112	1473807	148.79	ng	-0.02
7) Phenol-d6	5.29	99	1945280	142.54	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1308331	101.09	ng	-0.05
41) 2,4,6-Tribromophenol	11.71	330	373888	133.91	ng	-0.05
44) 2-Fluorobiphenyl	9.37	172	1752080	78.52	ng	-0.06
78) Terphenyl-d14	15.44	244	1256469	82.40	ng	-0.05
Target Compounds						
10) Phenol	5.30	94	35636	2.23	ng	# 67
15) Benzyl Alcohol	5.94	79	20568	2.17	ng	# 47
19) n-Nitroso-di-n-propylamine	6.56	70	168889	18.55	ng	# 79
49) Dimethylphthalate	10.05	163	602313	25.28	ng	99
64) 4,6-Dinitro-2-methylphenol	11.70	198	670	3.66	ng	# 1

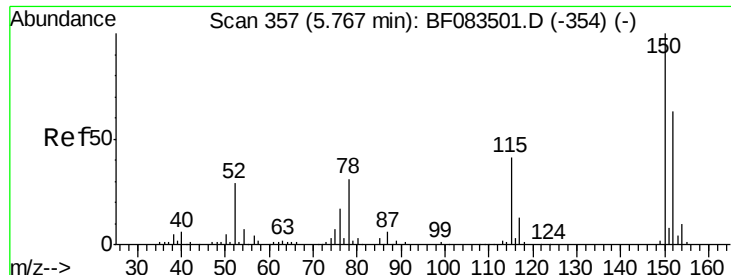
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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TP1(18-24)

Quant Time: Dec 08 01:17:23 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

Instrument :

BNA_F

ClientSampleId :

TP1(18-24)

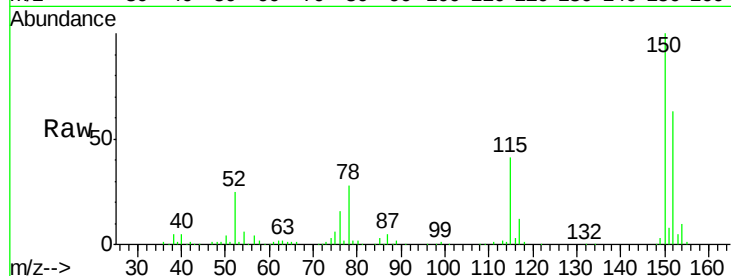
Tgt Ion:152 Resp: 150276

Ion Ratio Lower Upper

152 100

150 159.5 126.5 189.7

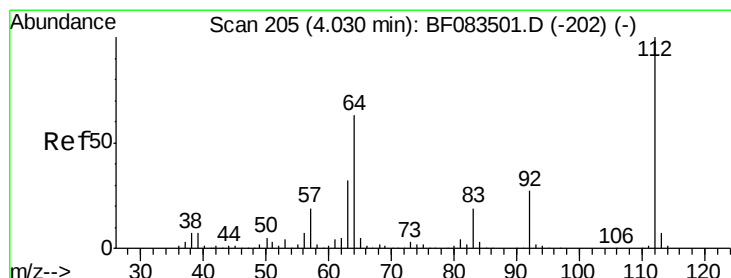
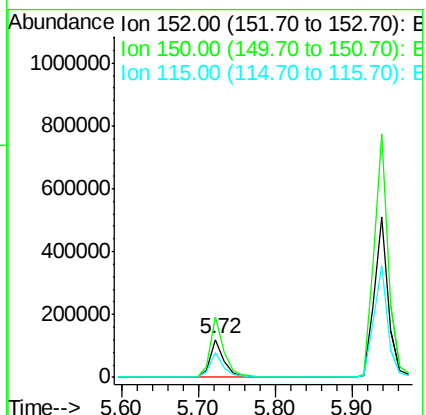
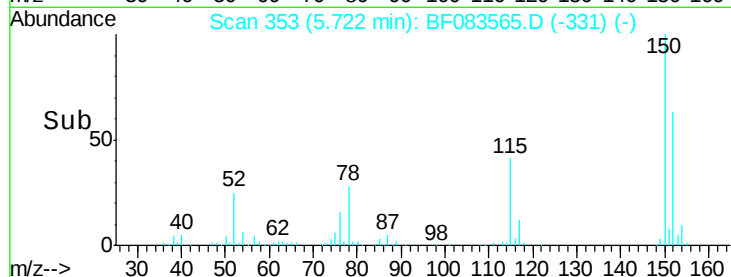
115 65.5 52.3 78.5



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: 148.79 ng

RT: 4.01 min Scan# 203

Delta R.T. -0.02 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

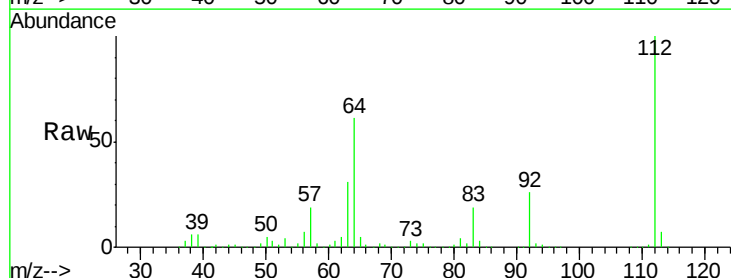
Tgt Ion:112 Resp: 1473807

Ion Ratio Lower Upper

112 100

64 61.0 50.5 75.7

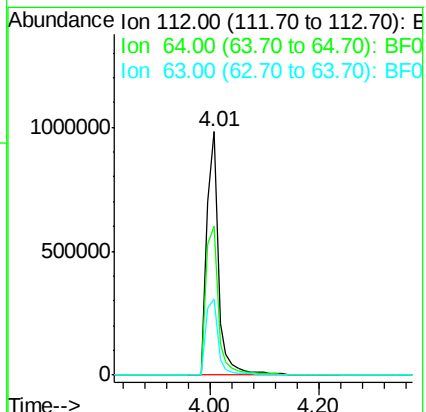
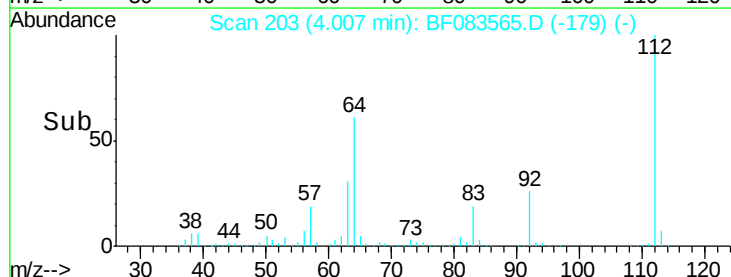
63 31.4 25.8 38.6

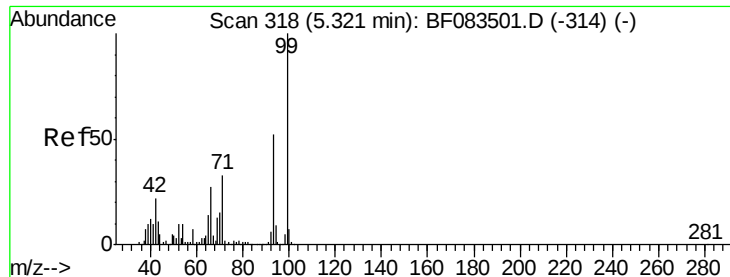


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.54 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

Instrument :

BNA_F

ClientSampleId :

TP1(18-24)

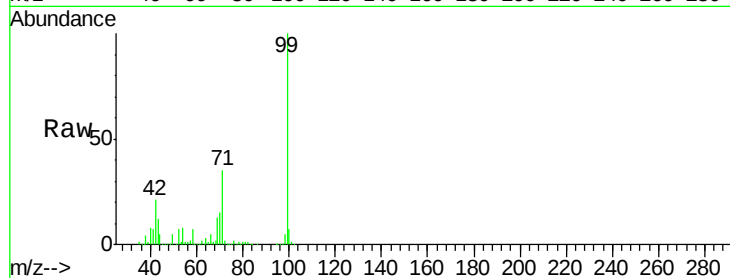
Tgt Ion: 99 Resp: 1945280

Ion Ratio Lower Upper

99 100

42 21.3 17.3 25.9

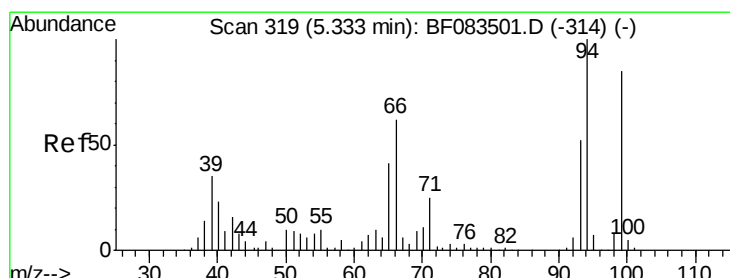
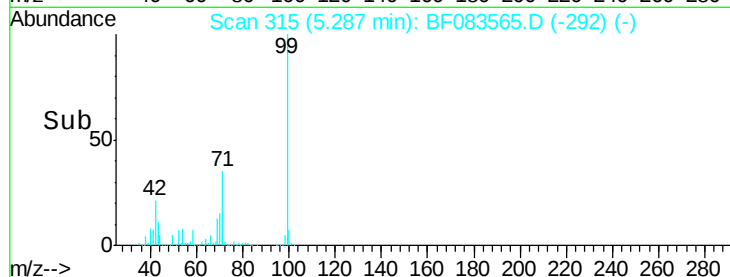
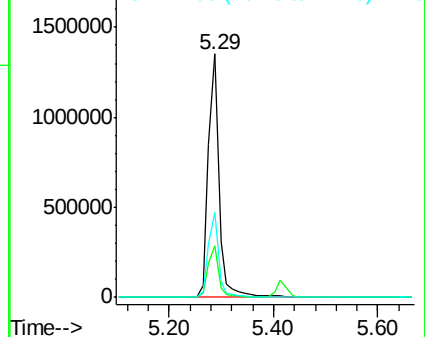
71 34.9 26.6 40.0



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



#10

Phenol

Concen: 2.23 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.03 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

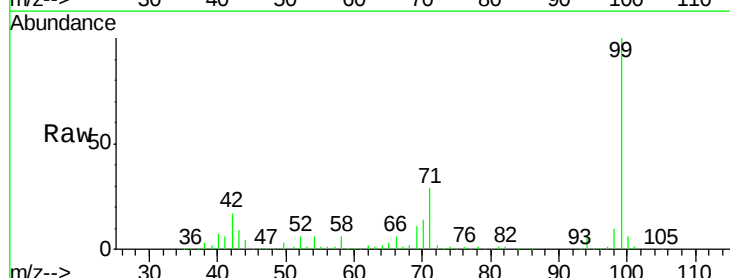
Tgt Ion: 94 Resp: 35636

Ion Ratio Lower Upper

94 100

65 43.3 20.9 60.9

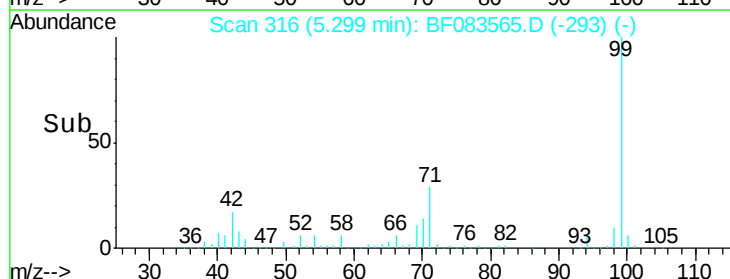
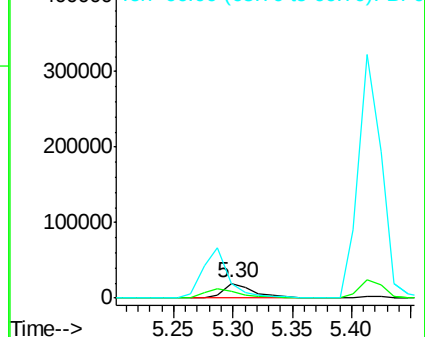
66 102.0 41.6 81.6#

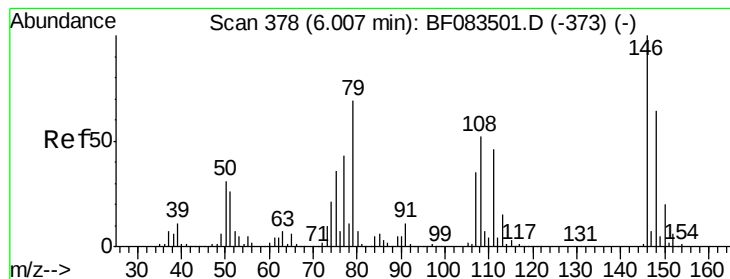


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 5.94 min Scan# 372

Delta R.T. -0.07 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

Instrument :

BNA_F

ClientSampleId :

TP1(18-24)

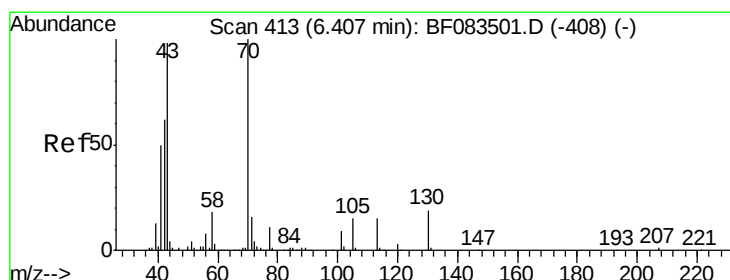
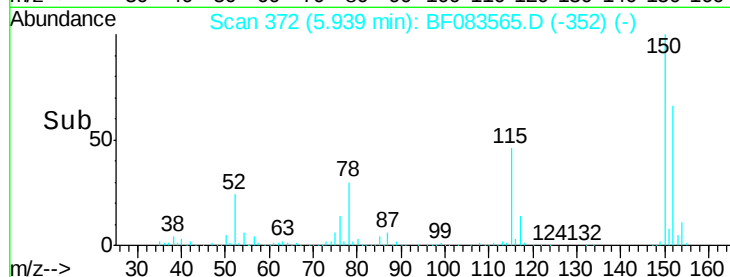
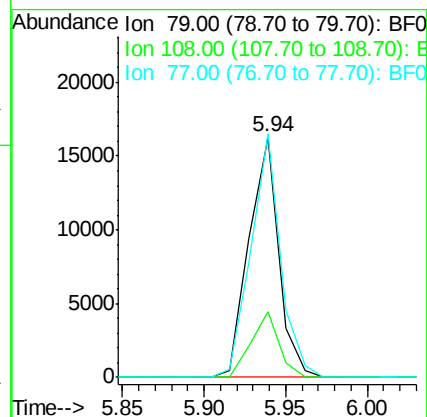
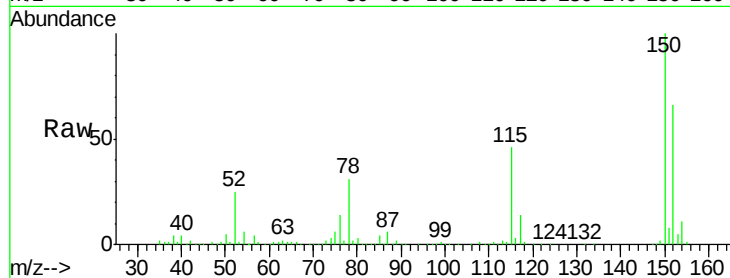
Tgt Ion: 79 Resp: 20568

Ion Ratio Lower Upper

79 100

108 27.6 59.6 89.4#

77 101.4 49.8 74.6#



#19

n-Nitroso-di-n-propylamine

Concen: 18.55 ng

RT: 6.56 min Scan# 426

Delta R.T. 0.15 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

Tgt Ion: 70 Resp: 168889

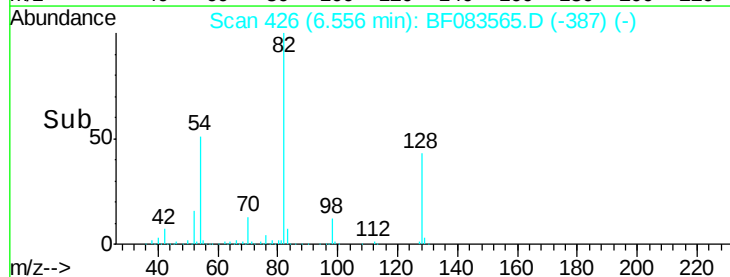
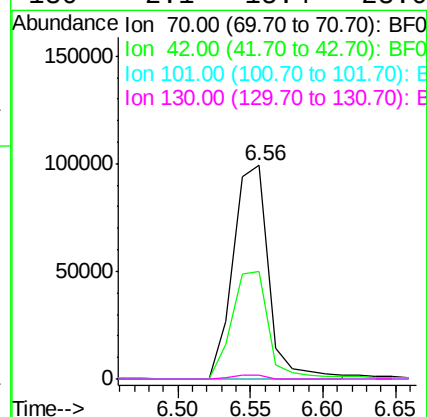
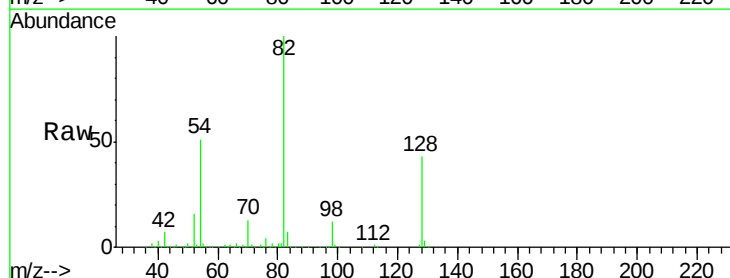
Ion Ratio Lower Upper

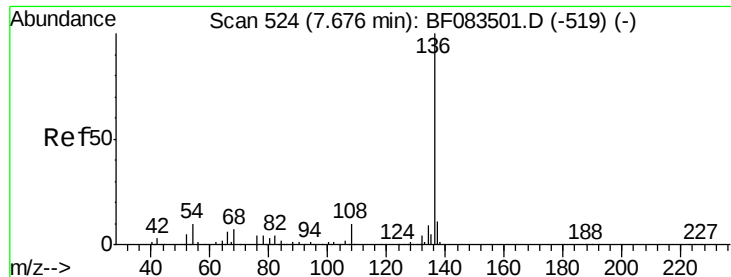
70 100

42 50.4 49.2 73.8

101 0.0 7.1 10.7#

130 2.1 15.4 23.0#

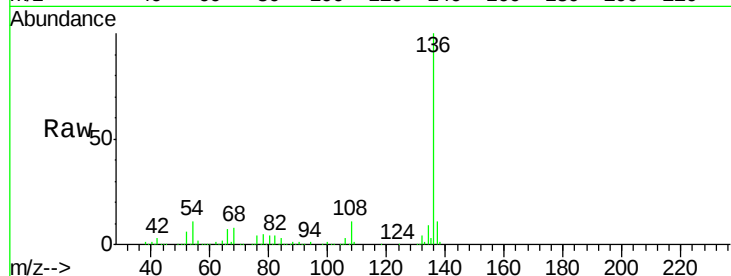




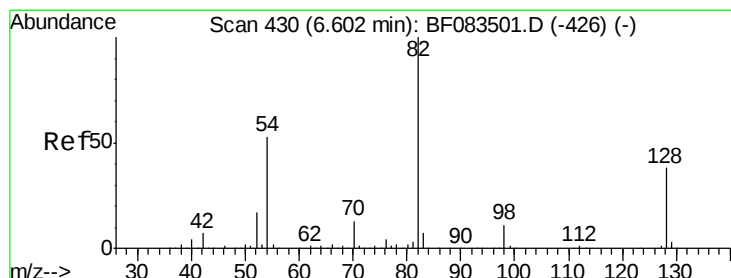
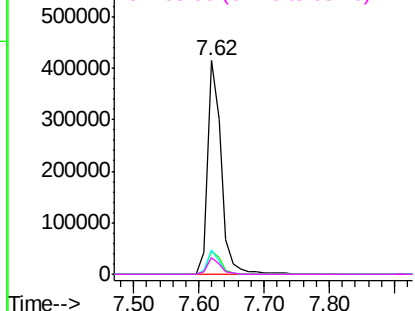
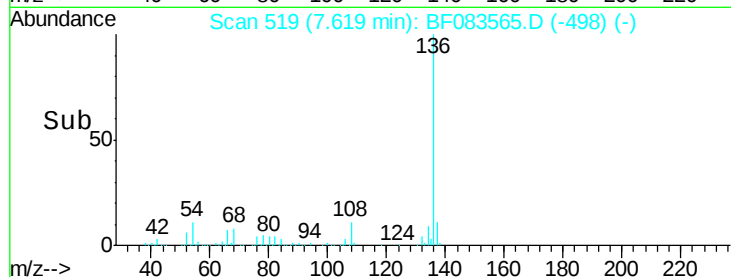
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

Instrument :
BNA_F
ClientSampleId :
TP1(18-24)

Tgt Ion:	136	Resp:	604957
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.2	7.8	11.6
68	7.9	5.7	8.5

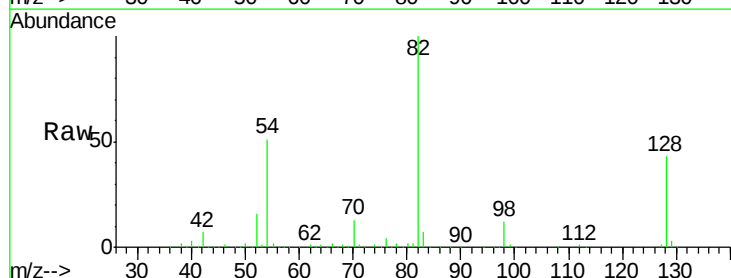


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

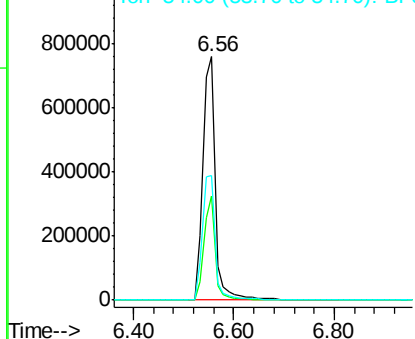
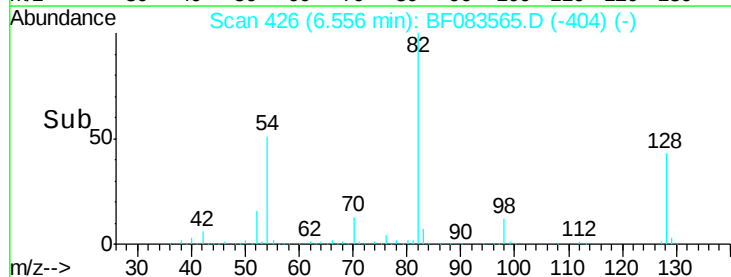


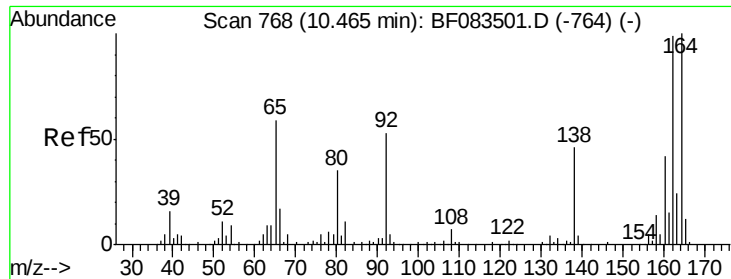
#23
Nitrobenzene-d5
Concen: 101.09 ng
RT: 6.56 min Scan# 426
Delta R.T. -0.05 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

Tgt Ion:	82	Resp:	1308331
Ion	Ratio	Lower	Upper
82	100		
128	42.6	30.7	46.1
54	51.4	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

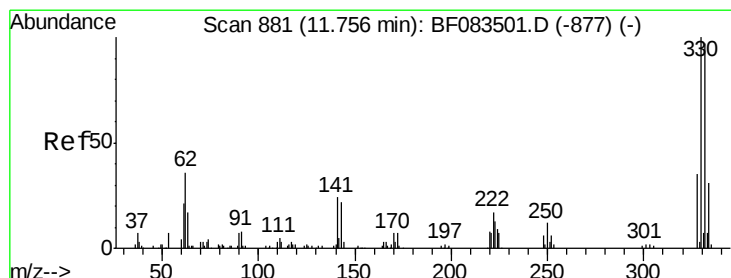
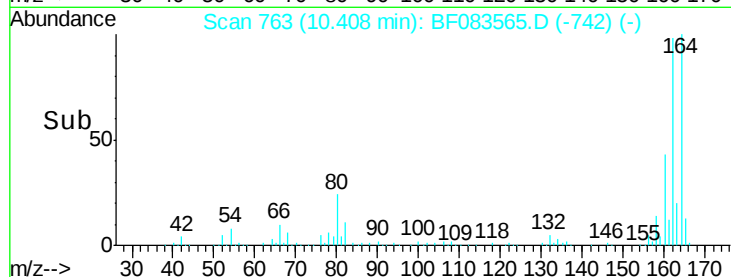
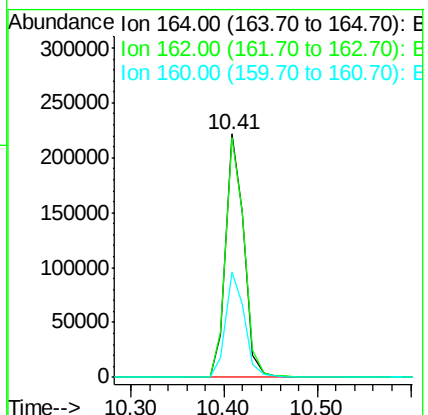
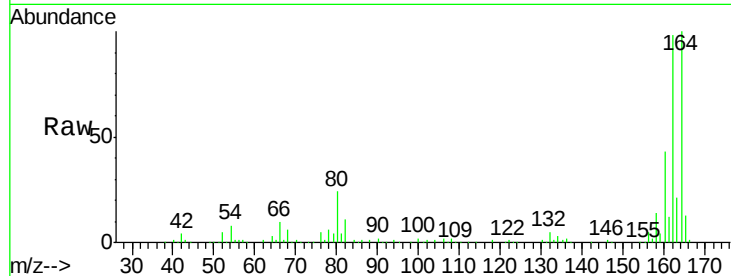




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

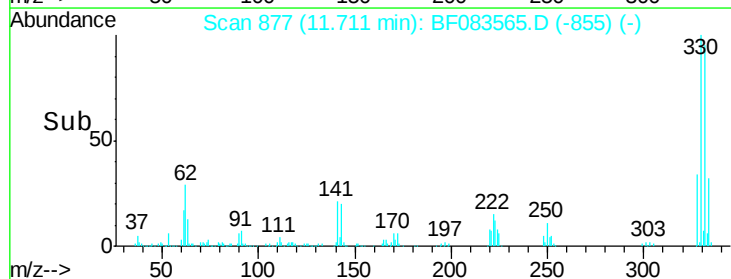
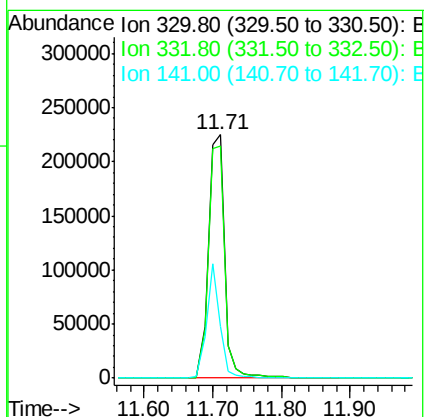
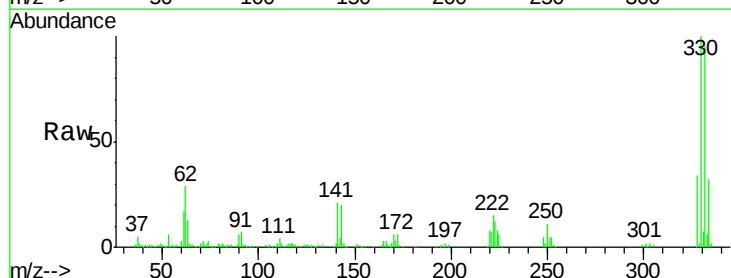
Instrument :
BNA_F
ClientSampleId :
TP1(18-24)

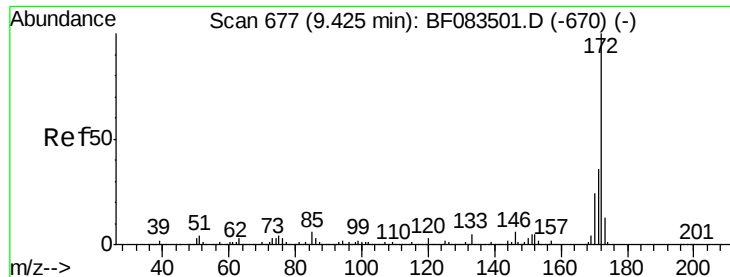
Tgt Ion:164 Resp: 302668
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 43.1 33.4 50.2



#41
2,4,6-Tribromophenol
Concen: 133.91 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

Tgt Ion:330 Resp: 373888
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 38.1 0.0 0.0#





#44

2-Fluorobiphenyl

Concen: 78.52 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.06 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

Instrument :

BNA_F

ClientSampleId :

TP1(18-24)

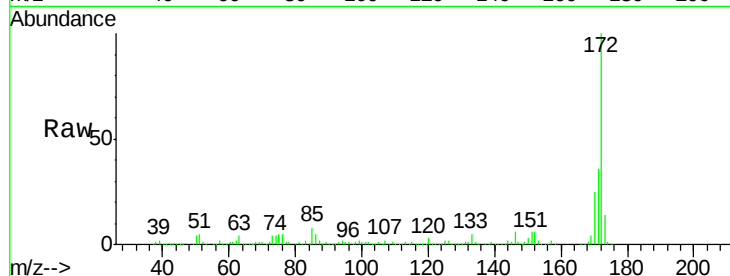
Tgt Ion:172 Resp: 1752080

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

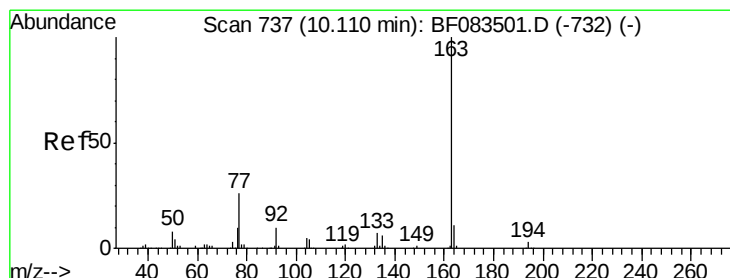
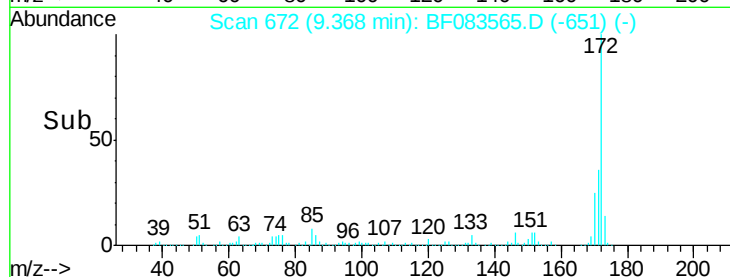
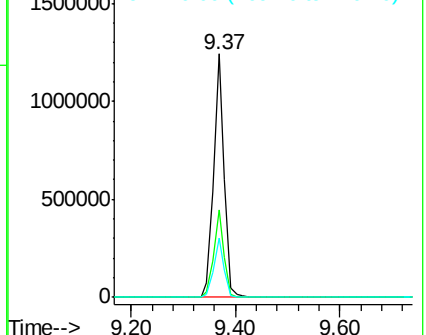
170 24.6 19.4 29.0



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: 25.28 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083565.D

Acq: 7 Dec 2015 19:29

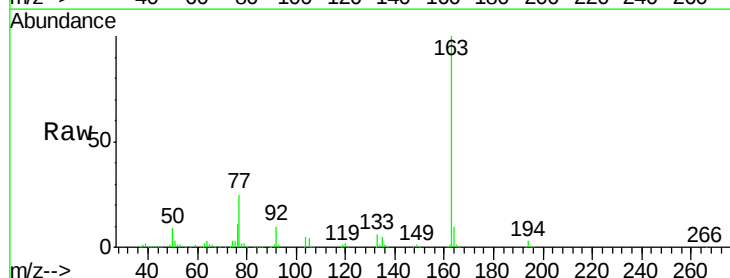
Tgt Ion:163 Resp: 602313

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

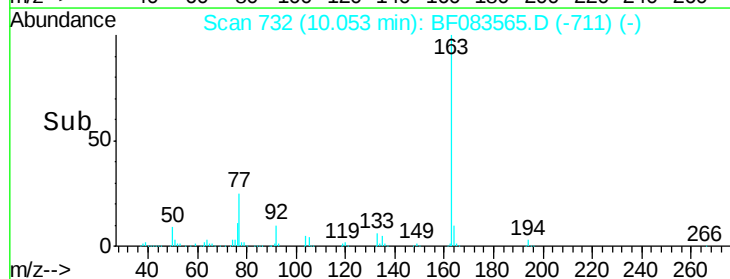
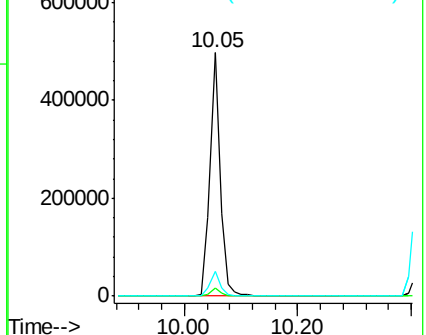
164 10.3 8.6 13.0

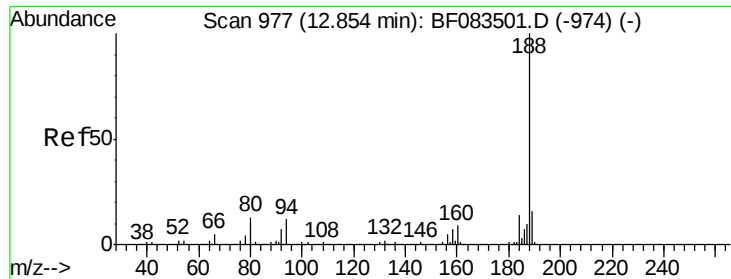


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

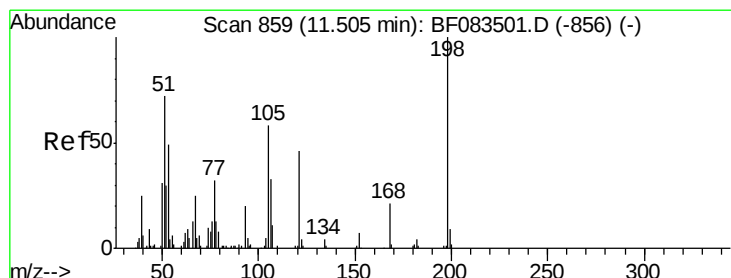
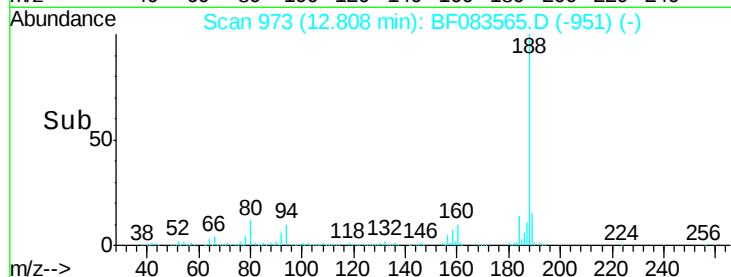
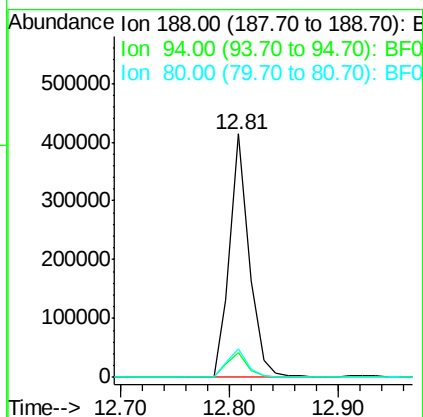
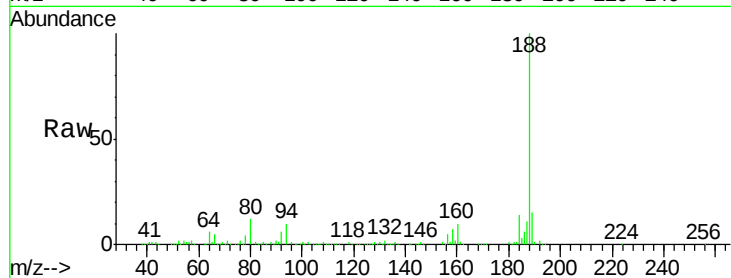




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

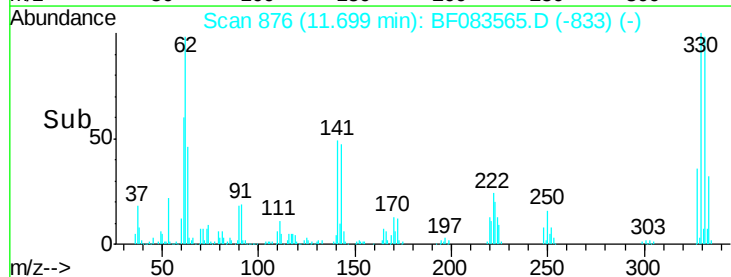
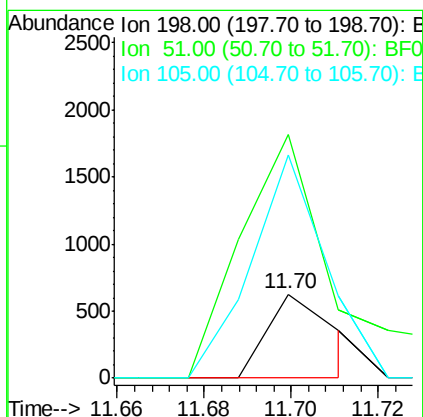
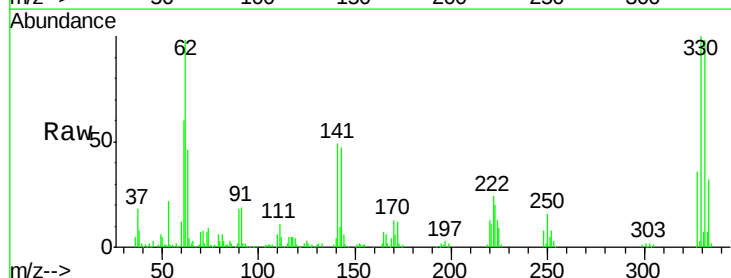
Instrument :
BNA_F
ClientSampleId :
TP1(18-24)

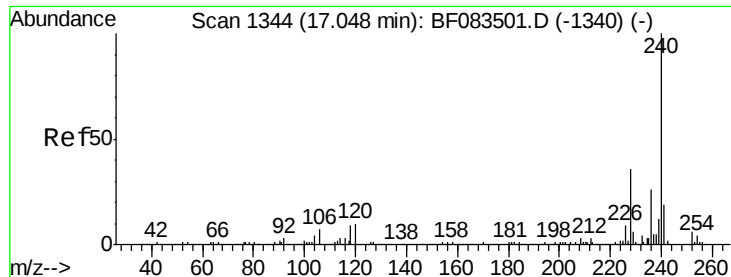
Tgt Ion:188 Resp: 520890
Ion Ratio Lower Upper
188 100
94 10.0 9.4 14.2
80 11.9 10.6 16.0



#64
4,6-Dinitro-2-methylphenol
Concen: 3.66 ng
RT: 11.70 min Scan# 876
Delta R.T. 0.20 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

Tgt Ion:198 Resp: 670
Ion Ratio Lower Upper
198 100
51 291.0 53.8 93.8#
105 266.0 38.6 78.6#

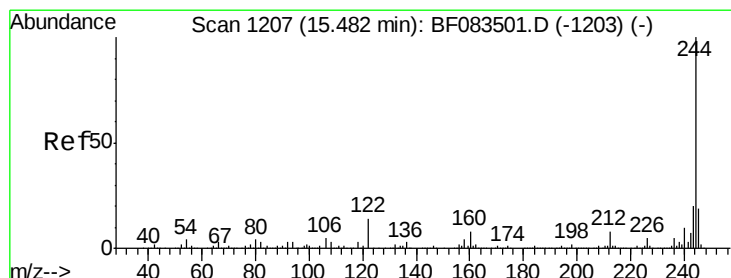
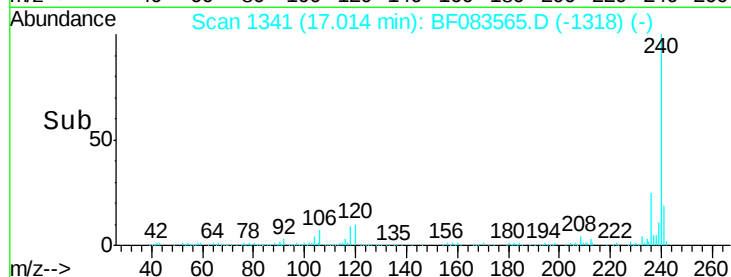
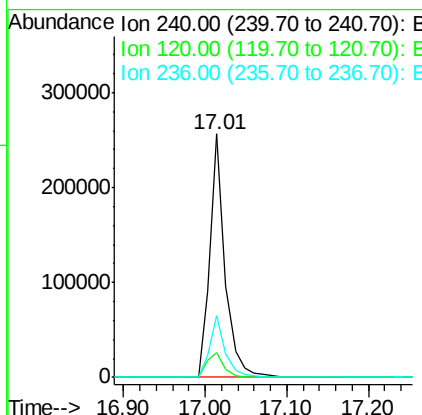
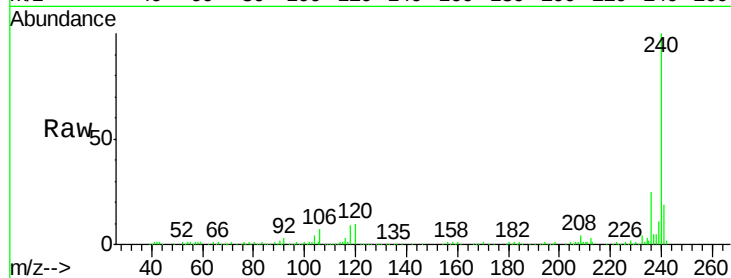




#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

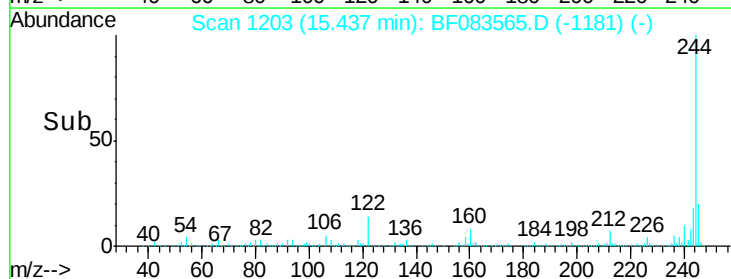
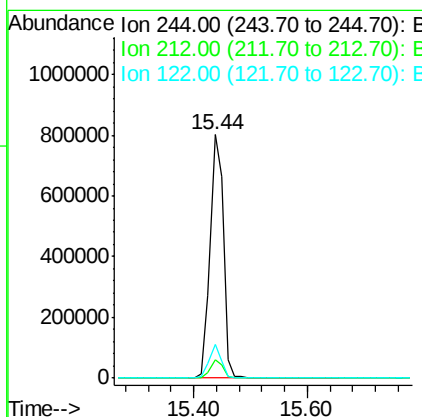
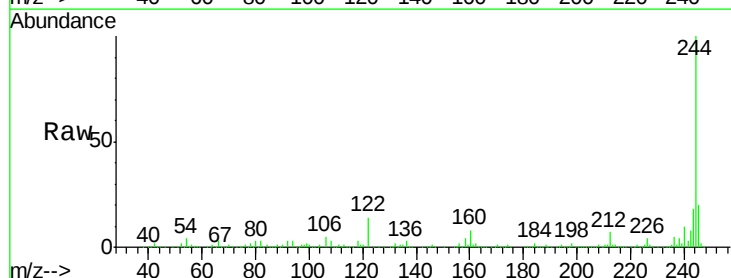
Instrument :
BNA_F
ClientSampleId :
TP1(18-24)

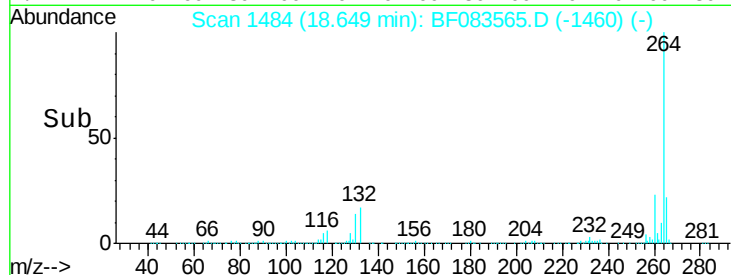
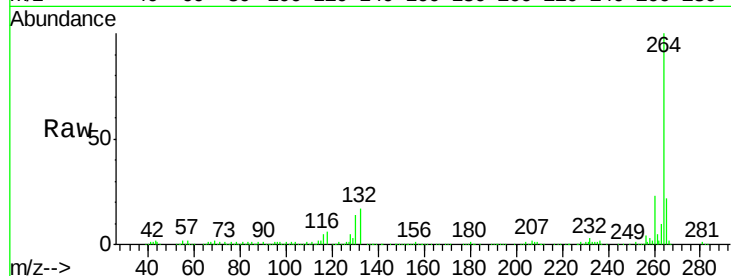
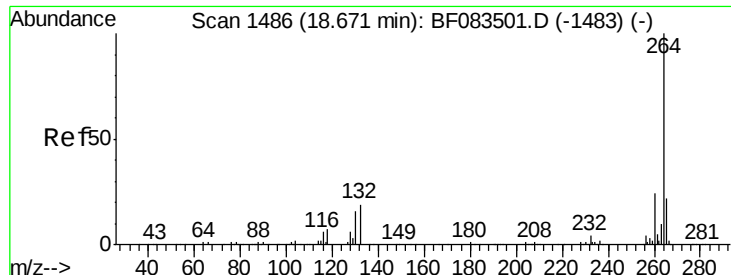
Tgt Ion:240 Resp: 339306
Ion Ratio Lower Upper
240 100
120 10.0 8.1 12.1
236 25.2 20.8 31.2



#78
Terphenyl-d14
Concen: 82.40 ng
RT: 15.44 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

Tgt Ion:244 Resp: 1256469
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 13.7 11.0 16.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083565.D
Acq: 7 Dec 2015 19:29

Instrument :
BNA_F
ClientSampleId :
TP1(18-24)

Tgt Ion:	264	Resp:	314176
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.0
265	22.2	17.8	26.6

