

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121115\
 Data File : BF083714.D
 Acq On : 12 Dec 2015 00:15
 Operator : UM/IZ
 Sample : G4701-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1511243912

Quant Time: Dec 12 02:37:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

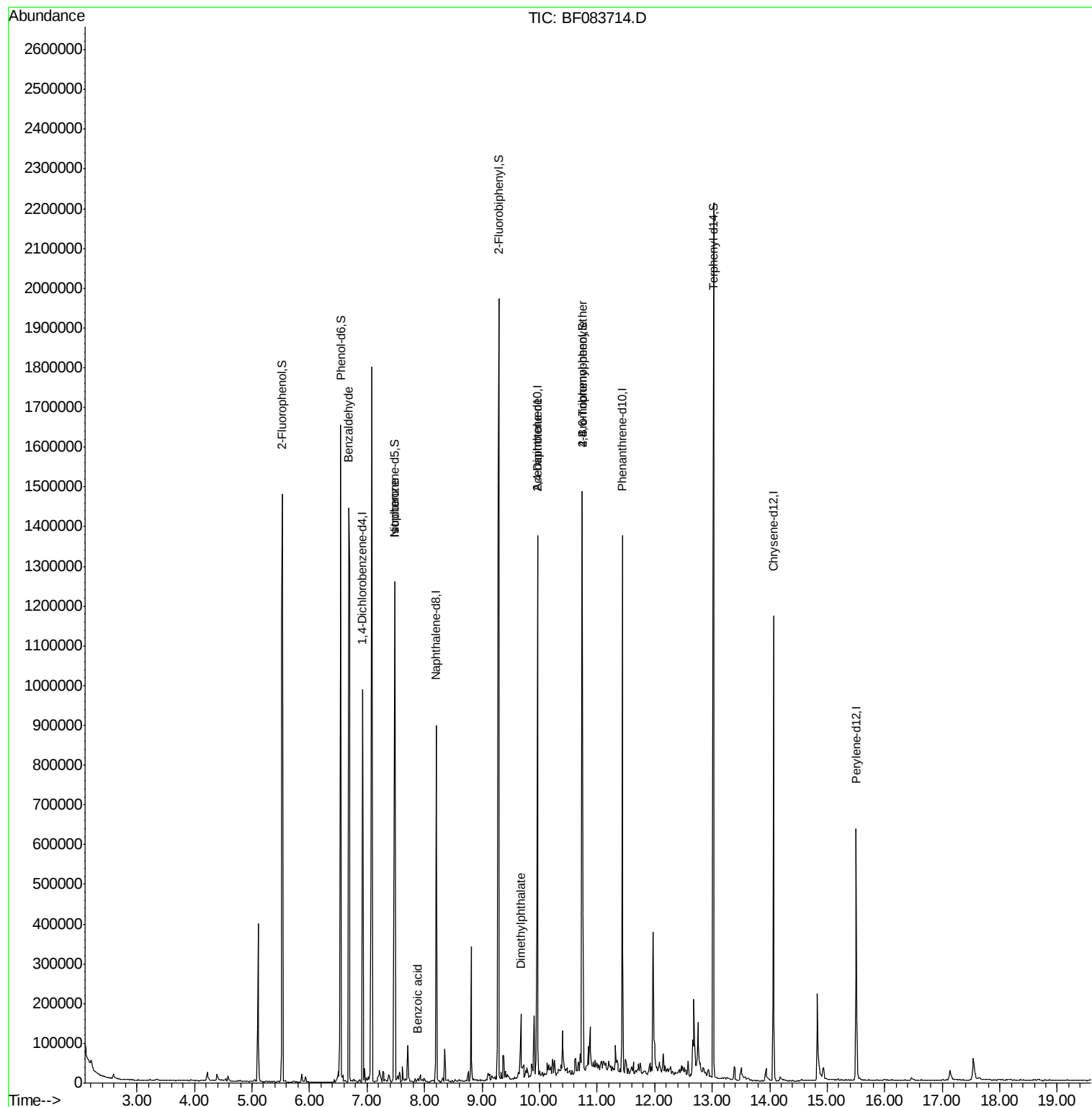
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139815	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	528655	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	264455	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	468719	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	376348	20.00	ng	-0.01
86) Perylene-d12	15.51	264	274659	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	567733	62.54	ng	0.00
7) Phenol-d6	6.54	99	759270	67.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	437853	56.17	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	168646	65.88	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	843841	47.00	ng	0.00
78) Terphenyl-d14	13.02	244	814721	48.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	12512	2.03	ng	Qvalue 85
25) Isophorone	7.48	82	433571	24.88	ng	# 69
32) Benzoic acid	7.88	122	2853	3.86	ng	90
49) Dimethylphthalate	9.68	163	64183	3.15	ng	96
56) 2,4-Dinitrotoluene	9.96	165	35754	7.12	ng	# 13
64) 4,6-Dinitro-2-methylphenol	10.74	198	293	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.74	248	11166	2.23	ng	# 1

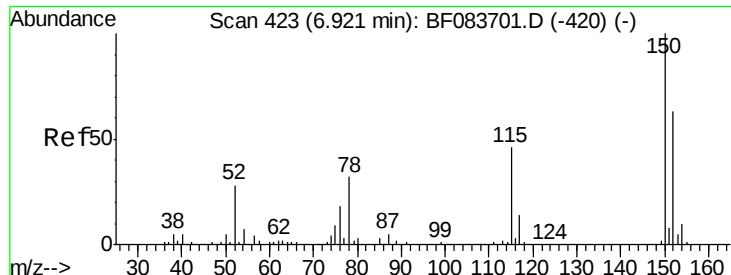
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

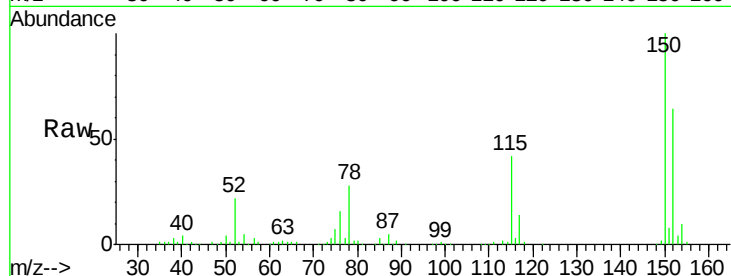
Tgt Ion:152 Resp: 139815

Ion Ratio Lower Upper

152 100

150 157.0 126.5 189.7

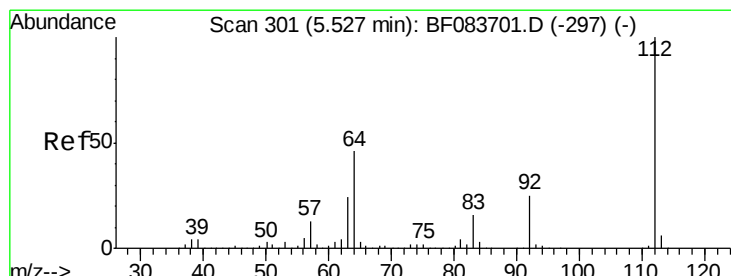
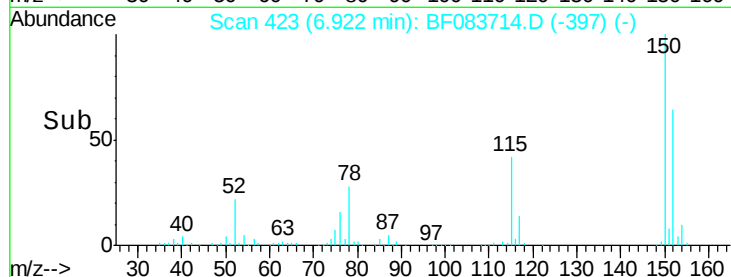
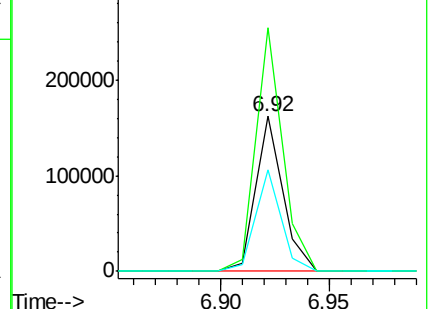
115 65.6 52.3 78.5



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: 62.54 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

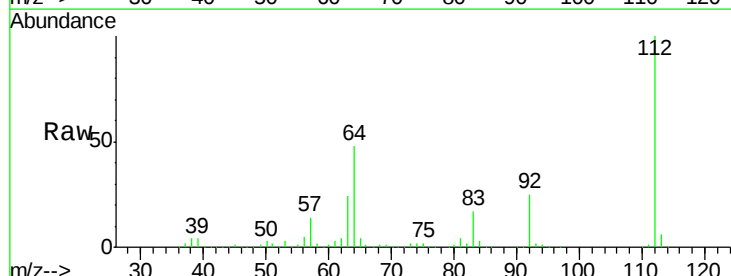
Tgt Ion:112 Resp: 567733

Ion Ratio Lower Upper

112 100

64 48.0 50.5 75.7#

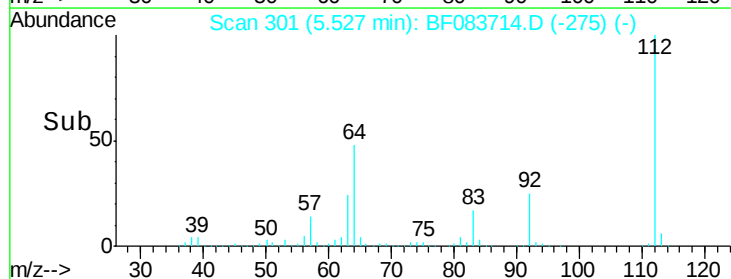
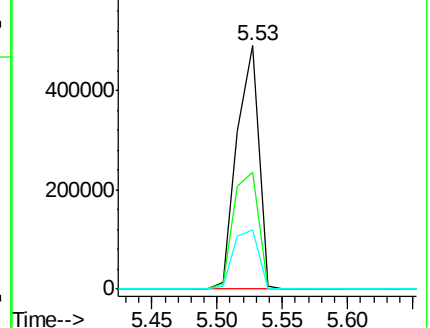
63 24.3 25.8 38.6#

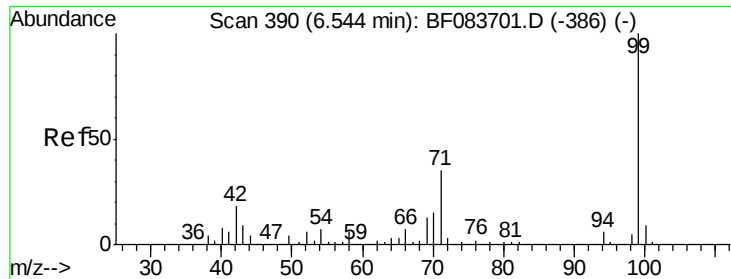


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 67.72 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

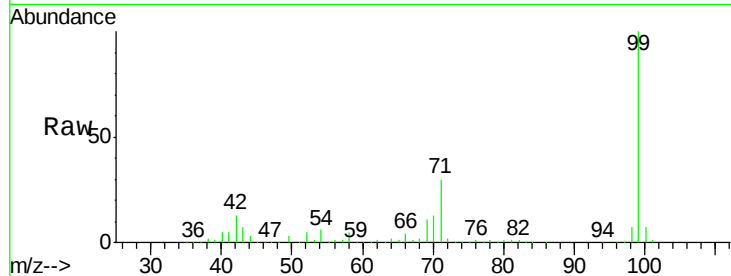
Tgt Ion: 99 Resp: 759270

Ion Ratio Lower Upper

99 100

42 13.1 17.3 25.9#

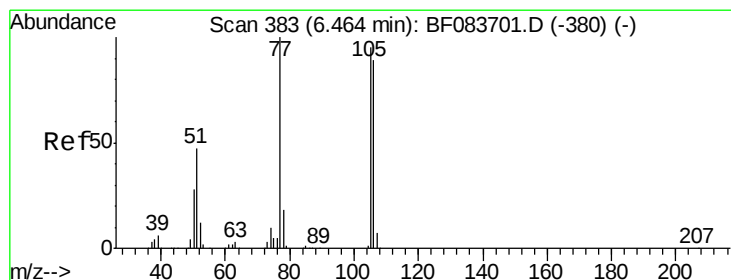
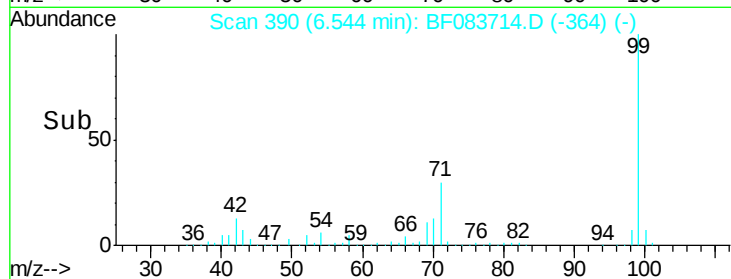
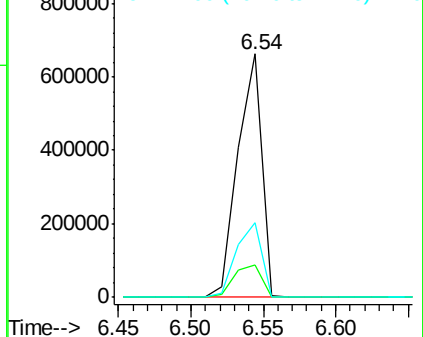
71 30.5 26.6 40.0



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



#9

Benzaldehyde

Concen: 2.03 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

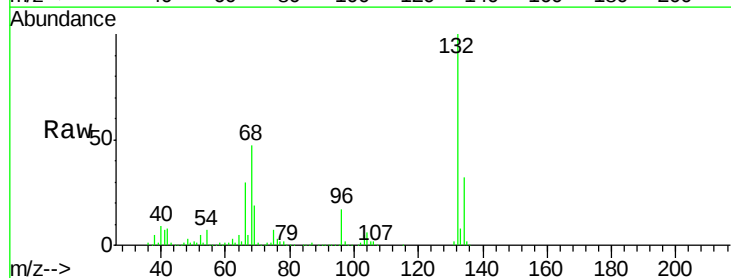
Tgt Ion: 77 Resp: 12512

Ion Ratio Lower Upper

77 100

105 77.7 71.8 111.8

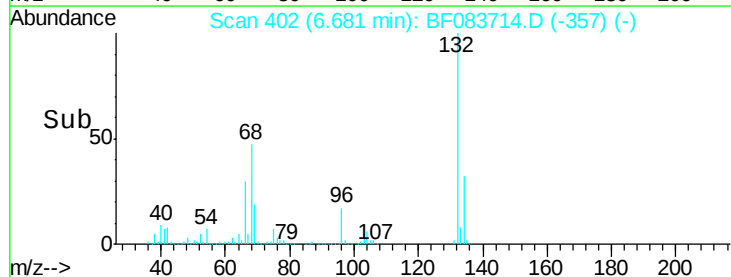
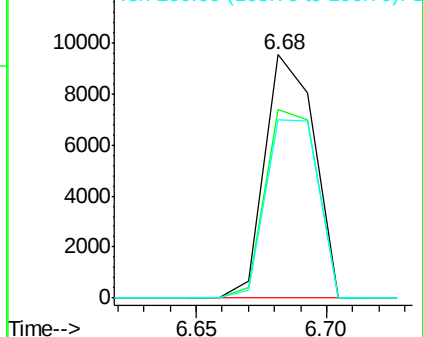
106 73.5 66.8 106.8

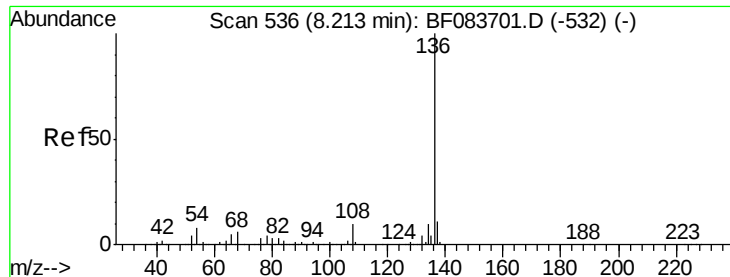


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

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ClientSampleId :

1511243912

Tgt Ion:136 Resp: 528655

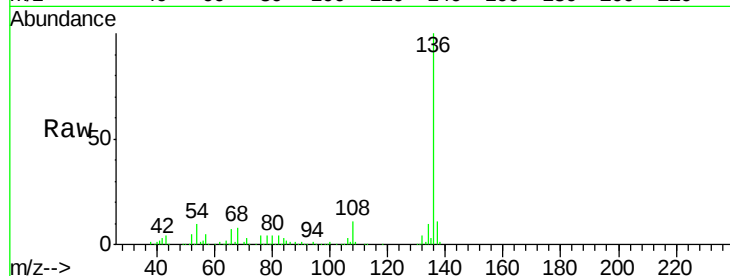
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.2 7.8 11.6

68 7.7 5.7 8.5

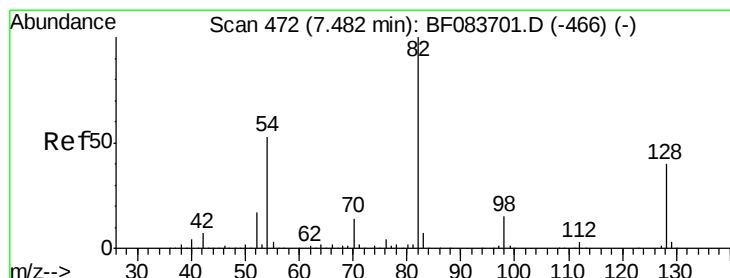
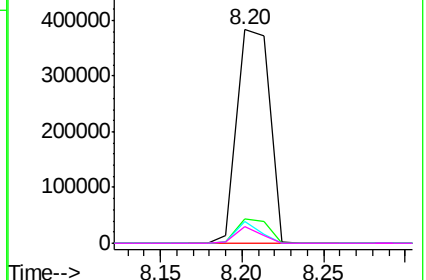
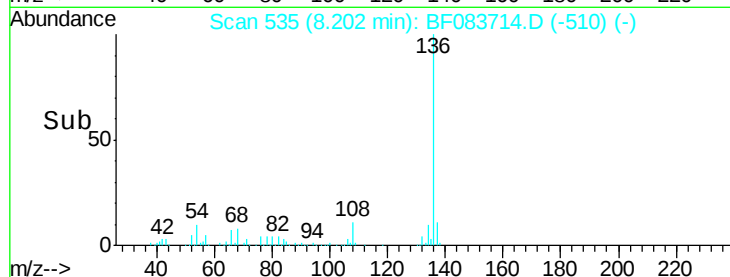


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.17 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

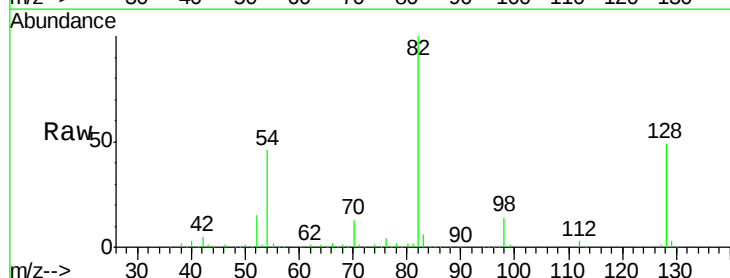
Tgt Ion: 82 Resp: 437853

Ion Ratio Lower Upper

82 100

128 48.8 30.7 46.1#

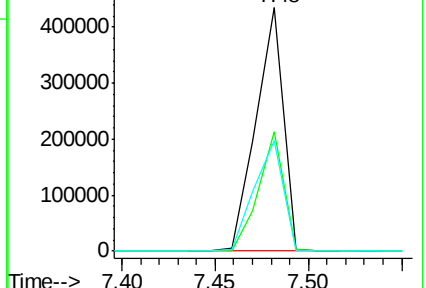
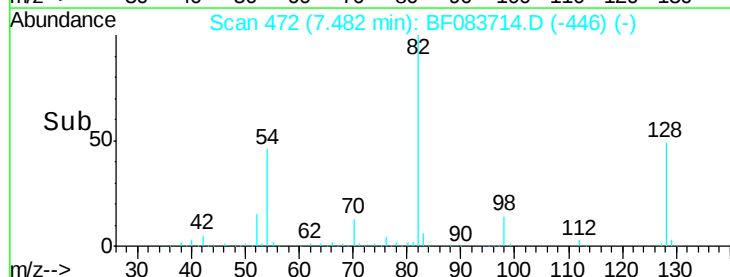
54 45.6 42.5 63.7

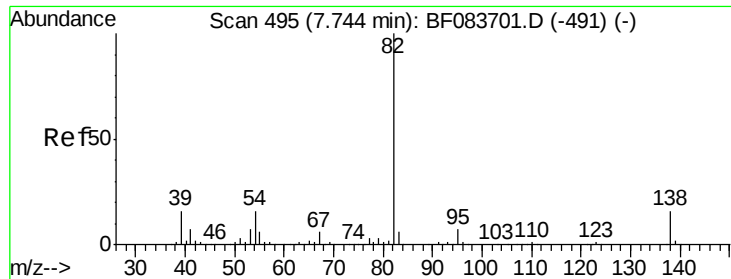


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 24.88 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.26 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

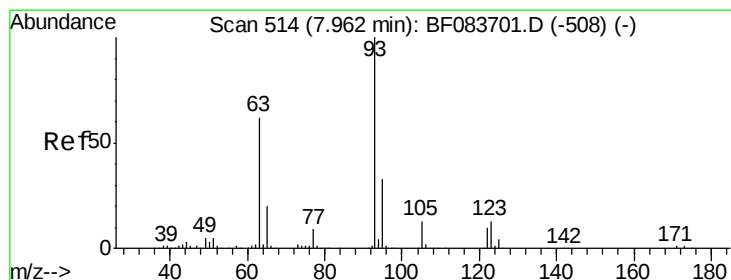
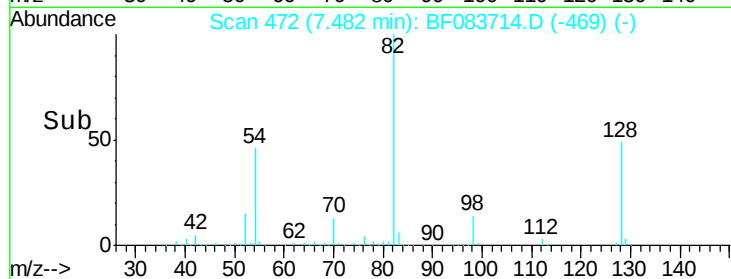
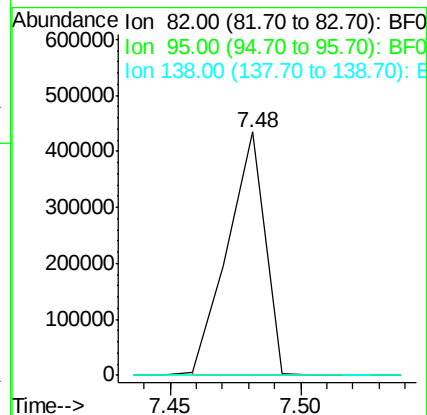
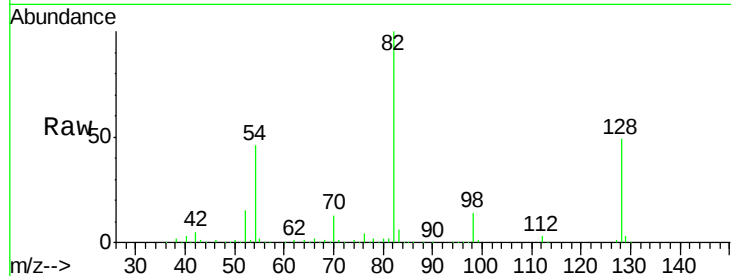
Tgt Ion: 82 Resp: 433571

Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.1 18.1#



#32

Benzoic acid

Concen: 3.86 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.08 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

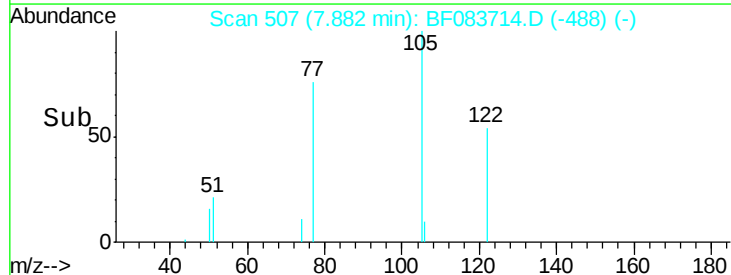
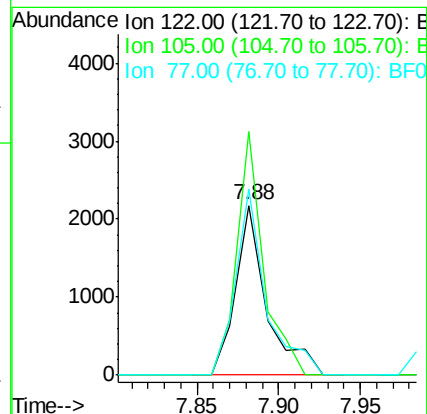
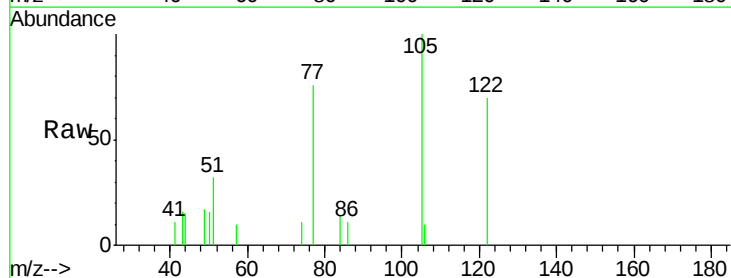
Tgt Ion: 122 Resp: 2853

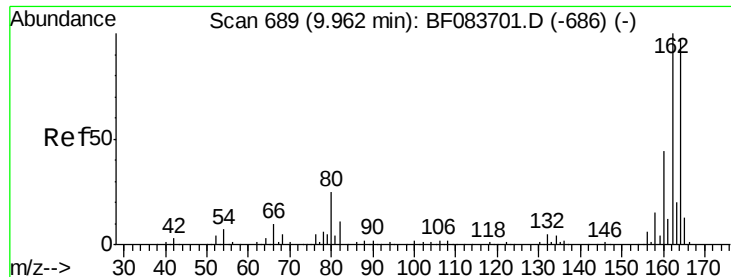
Ion Ratio Lower Upper

122 100

105 143.6 105.6 145.6

77 109.5 86.8 126.8

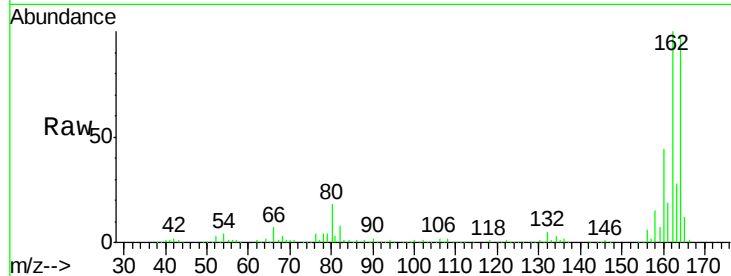




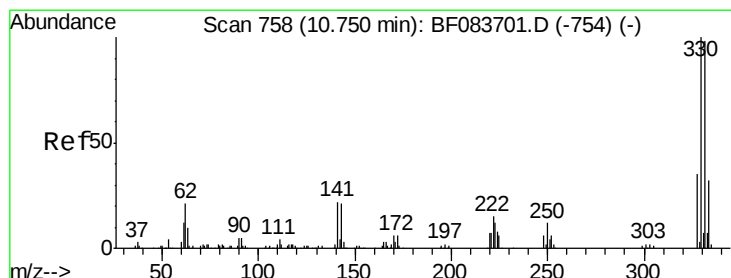
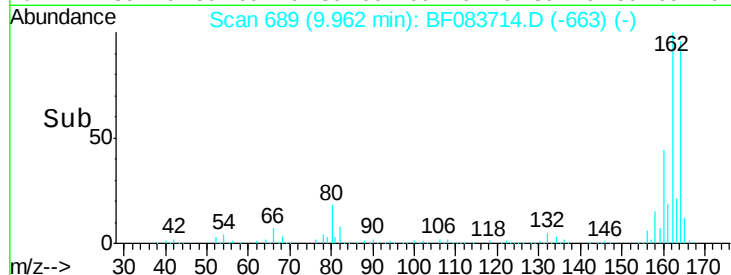
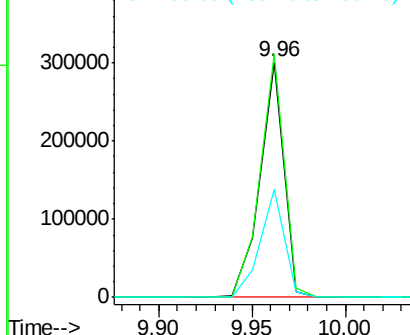
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083714.D
Acq: 12 Dec 2015 00:15

Instrument :
BNA_F
ClientSampleId :
1511243912

Tgt Ion:164 Resp: 264455
Ion Ratio Lower Upper
164 100
162 103.6 78.8 118.2
160 46.0 33.4 50.2

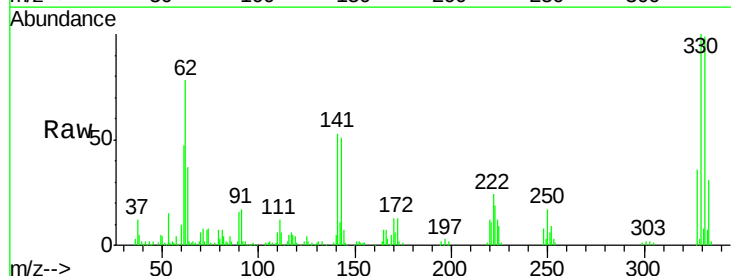


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

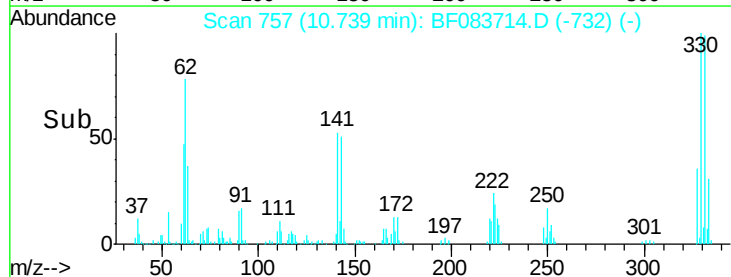
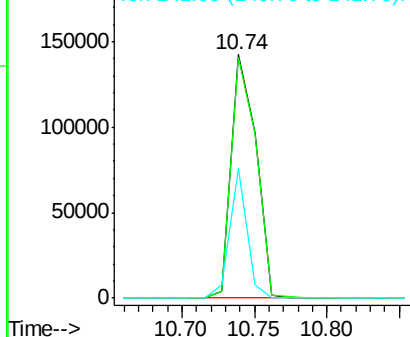


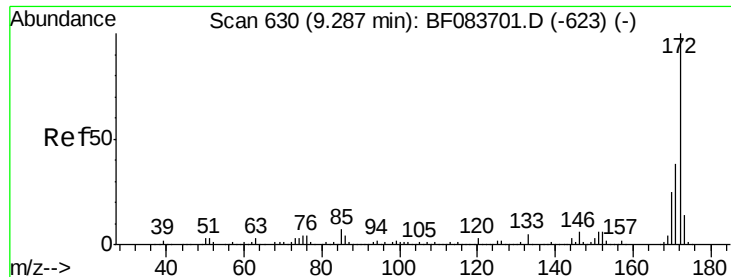
#41
2,4,6-Tribromophenol
Concen: 65.88 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF083714.D
Acq: 12 Dec 2015 00:15

Tgt Ion:330 Resp: 168646
Ion Ratio Lower Upper
330 100
332 99.2 0.0 0.0#
141 37.9 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

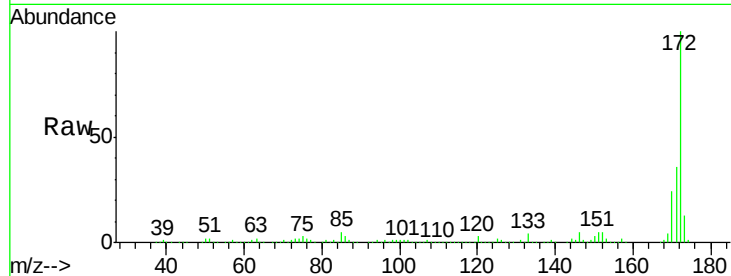




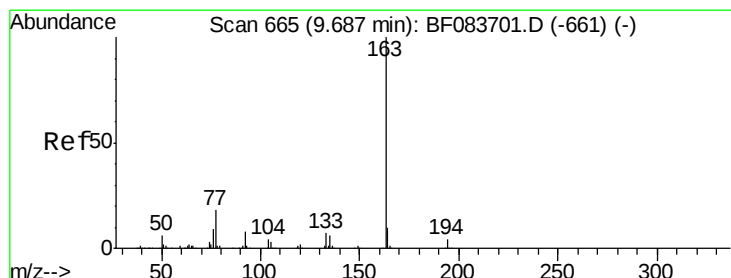
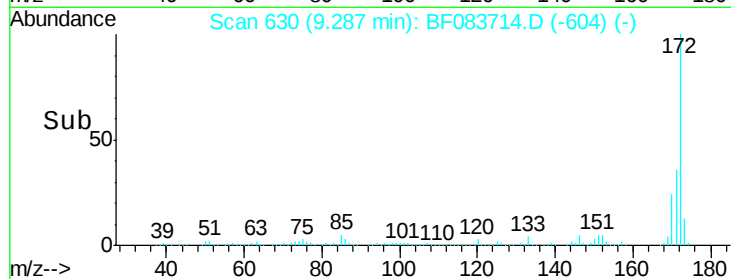
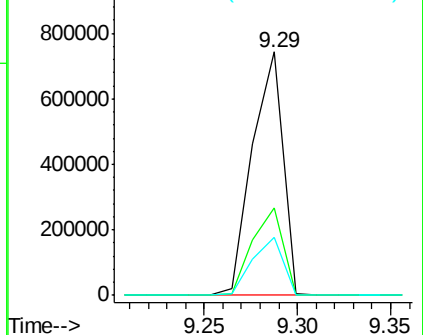
#44
 2-Fluorobiphenyl
 Concen: 47.00 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Instrument :
 BNA_F
 ClientSampleId :
 1511243912

Tgt Ion:172 Resp: 843841
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 42.8
 170 23.8 19.4 29.0

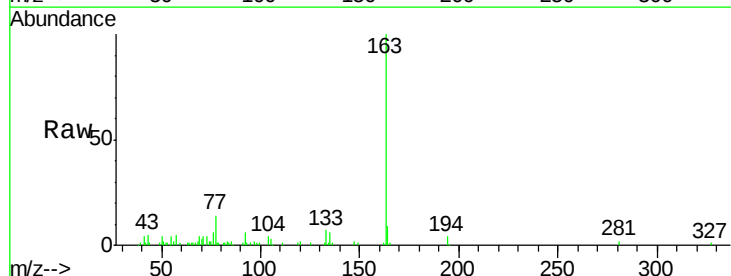


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

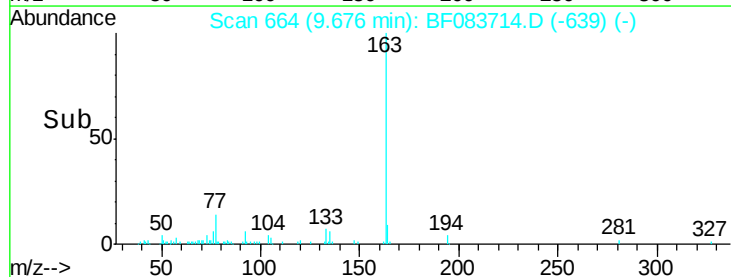
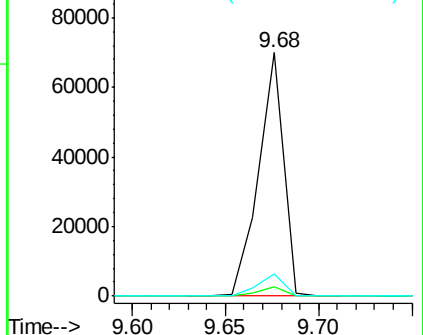


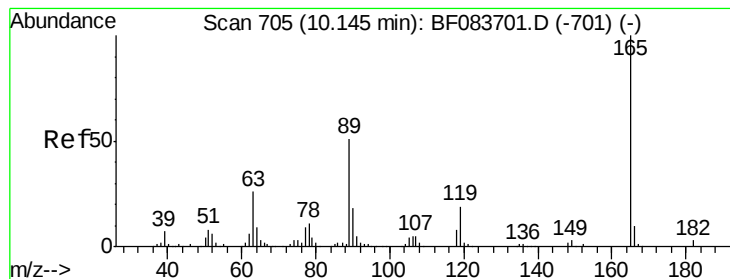
#49
 Dimethylphthalate
 Concen: 3.15 ng
 RT: 9.68 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Tgt Ion:163 Resp: 64183
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.1 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

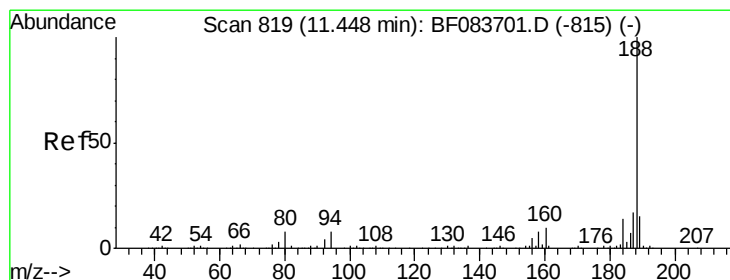
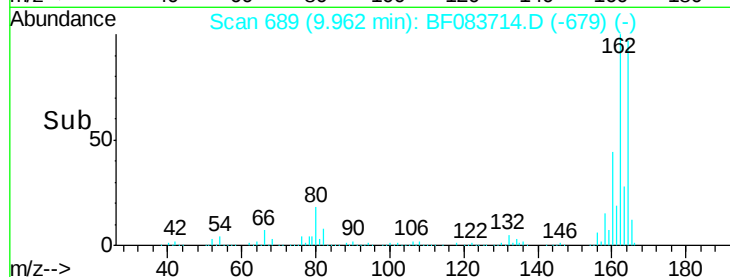
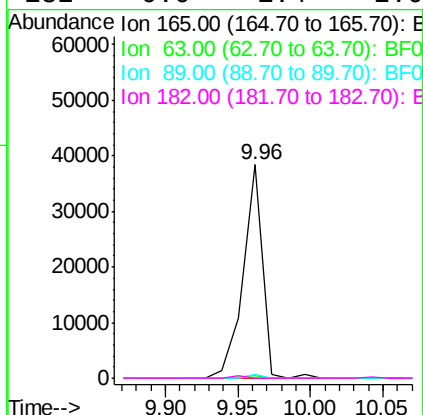
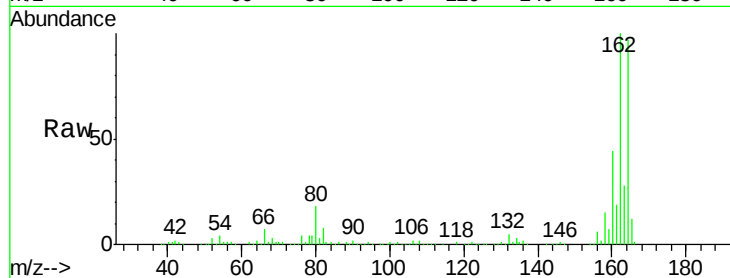




#56
 2,4-Dinitrotoluene
 Concen: 7.12 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.18 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

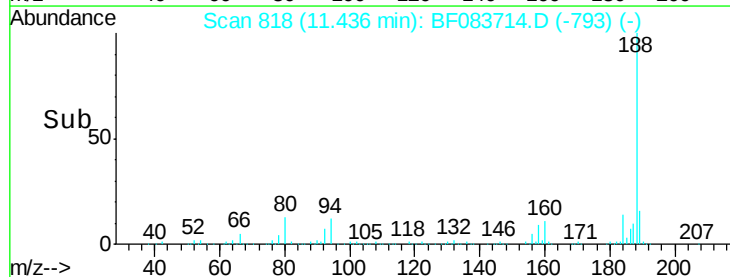
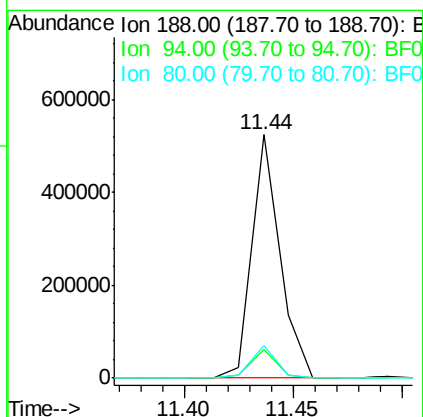
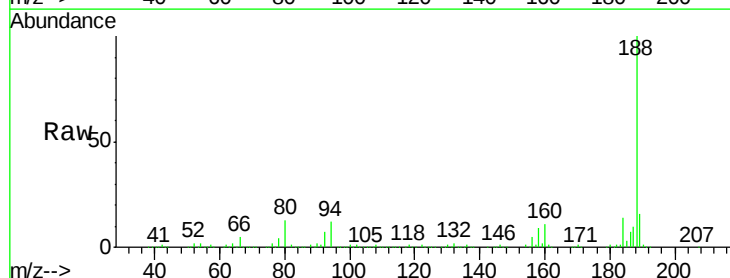
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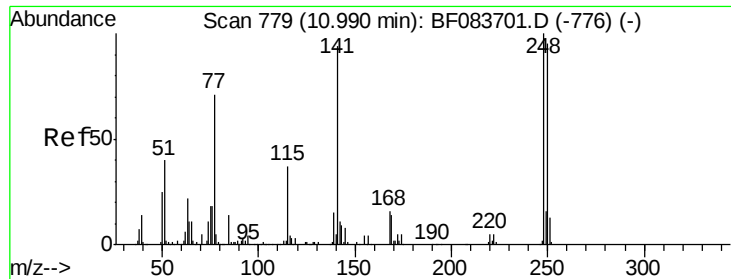
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	51.4	77.2#
89	1.7	72.6	108.8#
182	0.0	1.4	2.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	13.1	10.6	16.0





#66

4-Bromophenyl-phenylether

Concen: 2.23 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.25 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

Instrument :

BNA_F

ClientSampleId :

1511243912

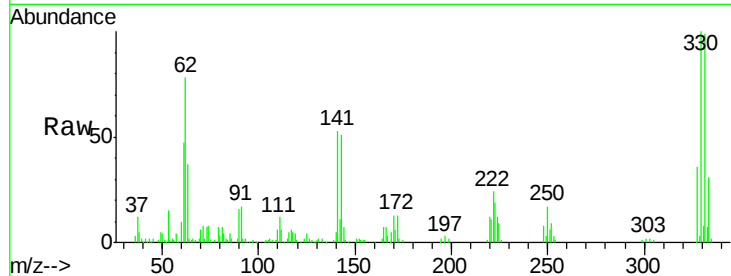
Tgt Ion:248 Resp: 11166

Ion Ratio Lower Upper

248 100

250 207.6 79.2 118.8#

141 637.7 58.2 87.4#

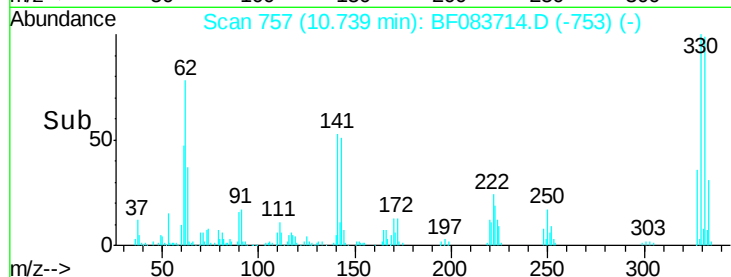


Abundance Ion 248.00 (247.70 to 248.70): E

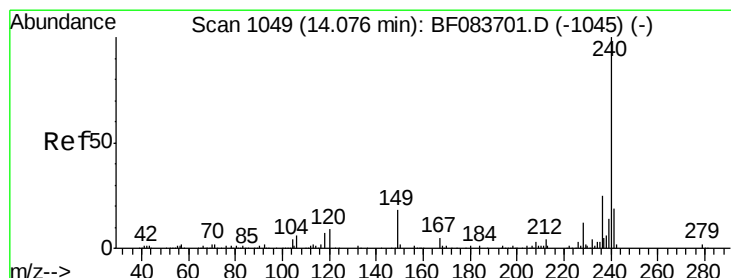
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083714.D

Acq: 12 Dec 2015 00:15

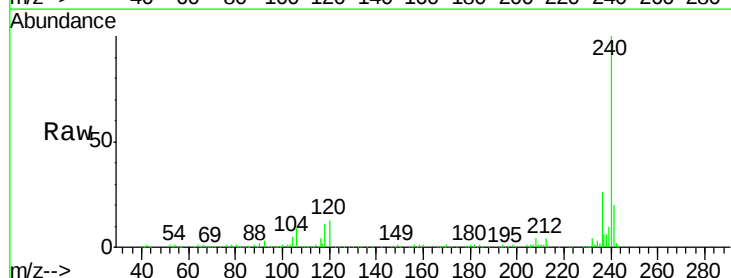
Tgt Ion:240 Resp: 376348

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

236 25.8 20.8 31.2

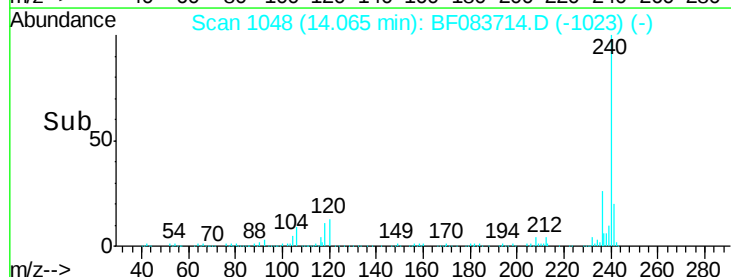


Abundance Ion 240.00 (239.70 to 240.70): E

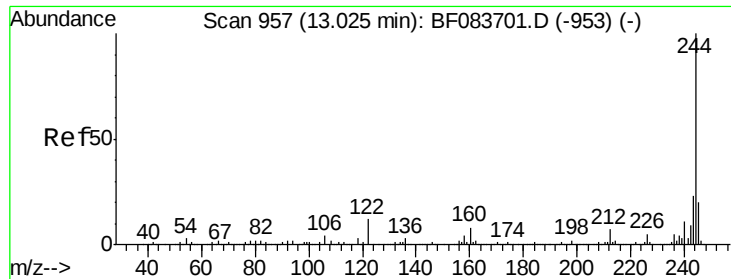
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



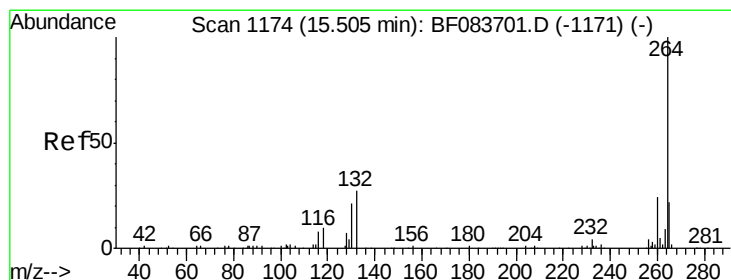
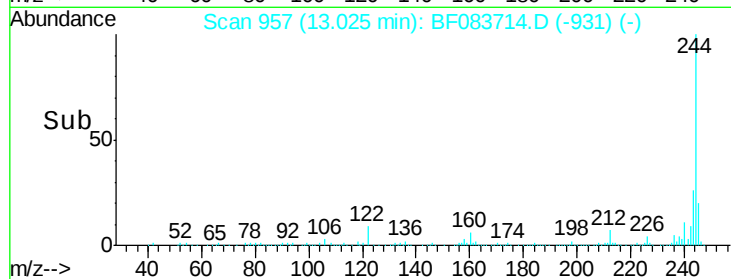
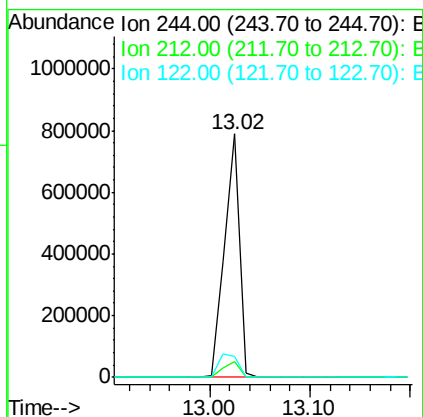
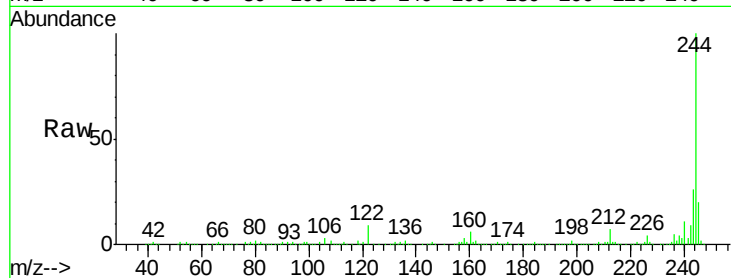
Time-->



#78
 Terphenyl-d14
 Concen: 48.61 ng
 RT: 13.02 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Instrument :
 BNA_F
 ClientSampleId :
 1511243912

Tgt Ion:244 Resp: 814721
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 8.8 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083714.D
 Acq: 12 Dec 2015 00:15

Tgt Ion:264 Resp: 274659
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.0
 265 21.7 17.8 26.6

