

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083767.D
 Acq On : 14 Dec 2015 9:17
 Operator : UM/IZ
 Sample : G4648-15
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 14 10:01:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

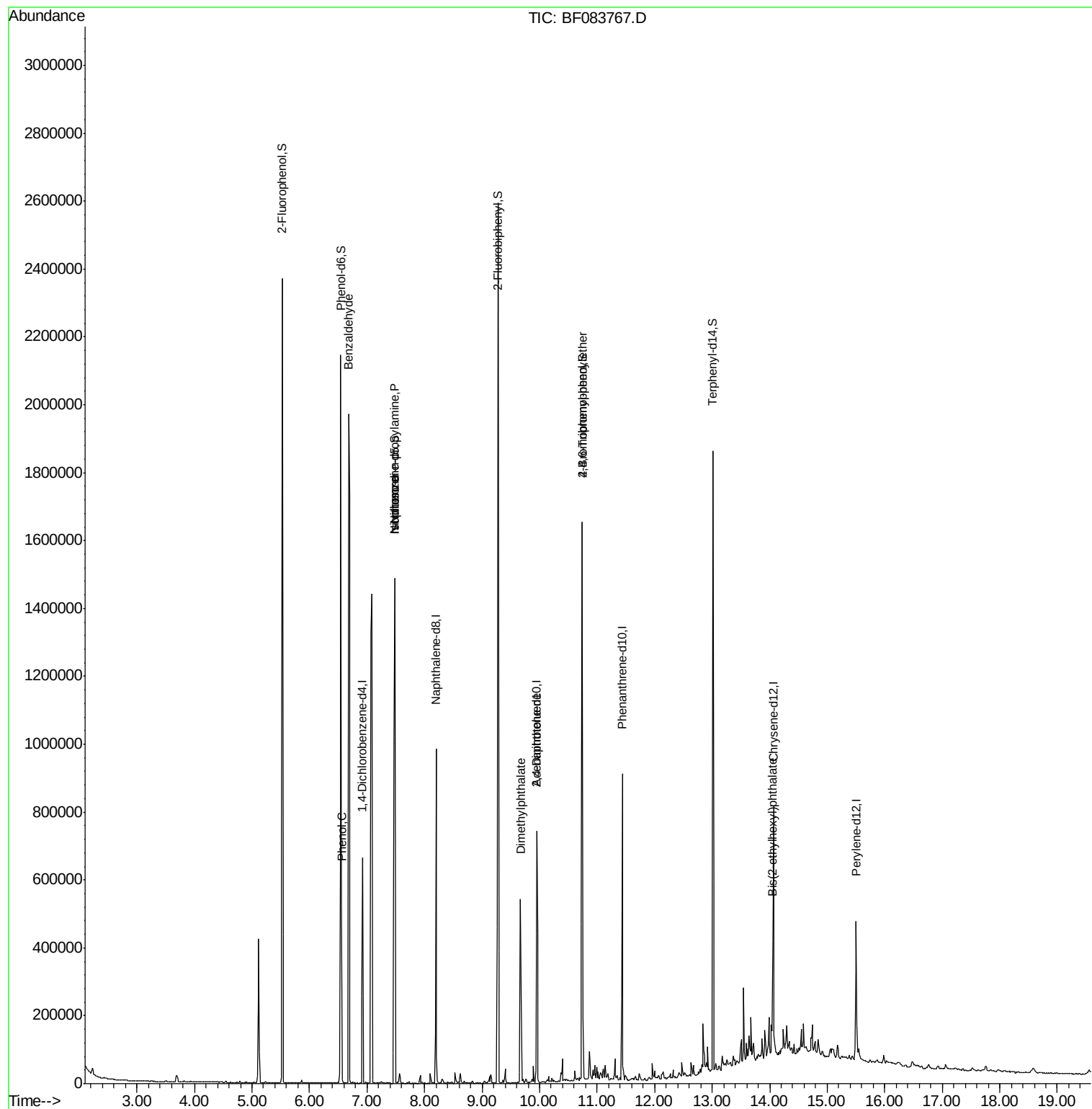
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	110695	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	411783	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	177049	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	319202	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	261089	20.00	ng	-0.01
86) Perylene-d12	15.51	264	206770	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	722795	105.34	ng	0.00
7) Phenol-d6	6.54	99	864294	99.47	ng	0.00
23) Nitrobenzene-d5	7.48	82	623952	84.77	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	189222	104.88	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	785807	59.66	ng	-0.01
78) Terphenyl-d14	13.01	244	571479	47.08	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.68	77	17763	3.81	ng	88
10) Phenol	6.56	94	22626	2.26	ng	92
19) n-Nitroso-di-n-propylamine	7.48	70	83384	15.67	ng	# 68
25) Isophorone	7.48	82	603691	41.81	ng	# 69
49) Dimethylphthalate	9.66	163	264239	19.14	ng	99
56) 2,4-Dinitrotoluene	9.95	165	22604	5.91	ng	# 13
66) 4-Bromophenyl-phenylether	10.74	248	13788	3.86	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.05	149	28483	2.83	ng	98

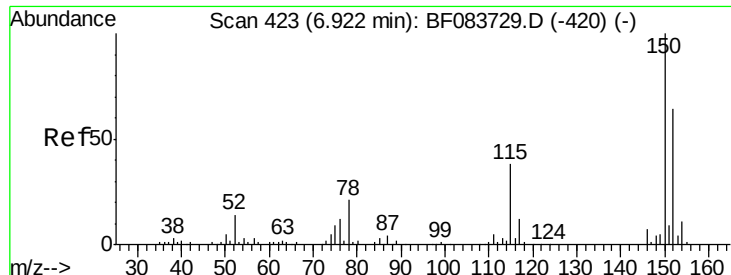
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083767.D
Acq On : 14 Dec 2015 9:17
Operator : UM/IZ
Sample : G4648-15
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 14 10:01:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



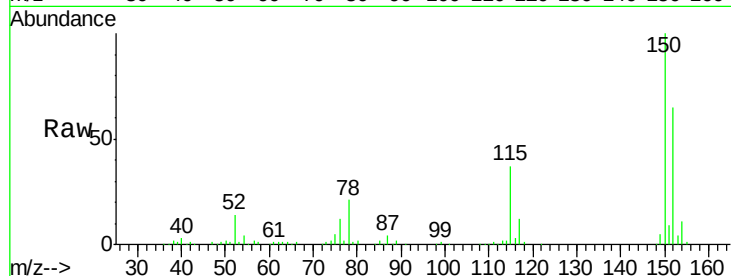


#1

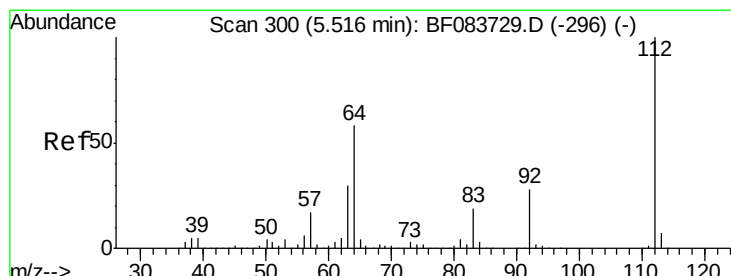
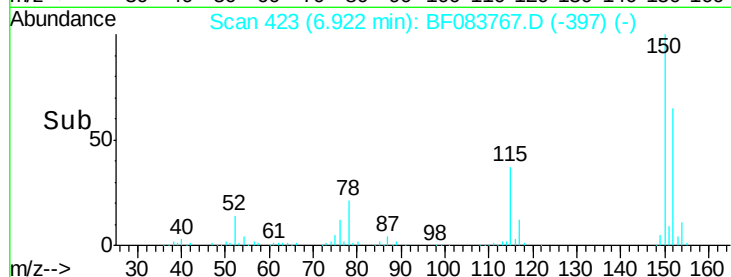
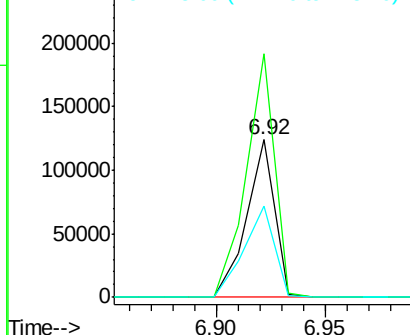
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083767.D
Acq: 14 Dec 2015 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110695
Ion Ratio Lower Upper
152 100
150 154.4 126.5 189.7
115 57.8 52.3 78.5



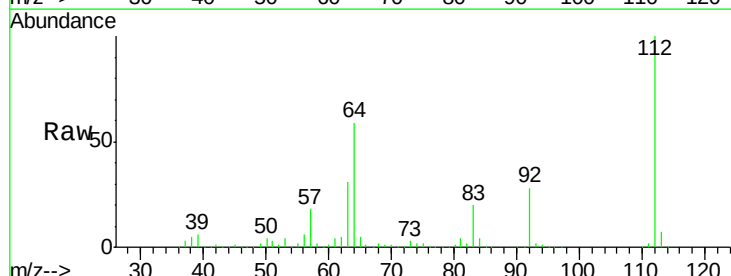
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



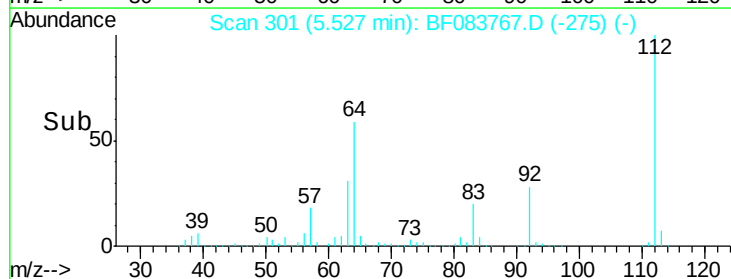
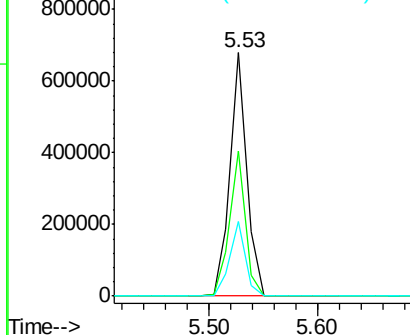
#5

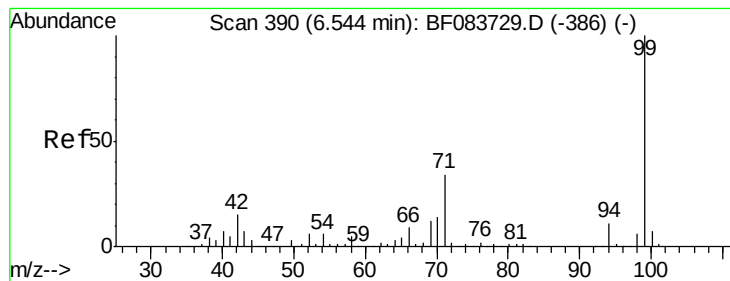
2-Fluorophenol
Concen: 105.34 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083767.D
Acq: 14 Dec 2015 9:17

Tgt Ion:112 Resp: 722795
Ion Ratio Lower Upper
112 100
64 59.5 50.5 75.7
63 30.8 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: 99.47 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Instrument :

BNA_F

ClientSampled :

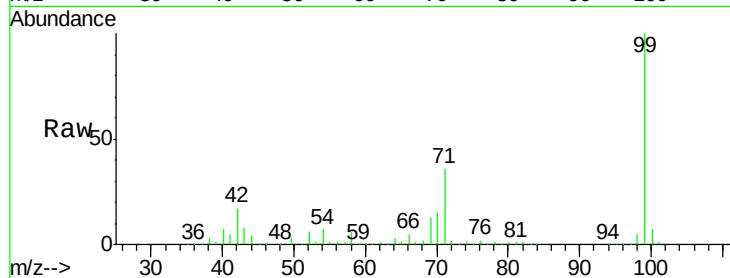
Tot Ion: 99 Resp: 864294

Ion Ratio Lower Upper

99 100

42 17.0 17.3 25.9#

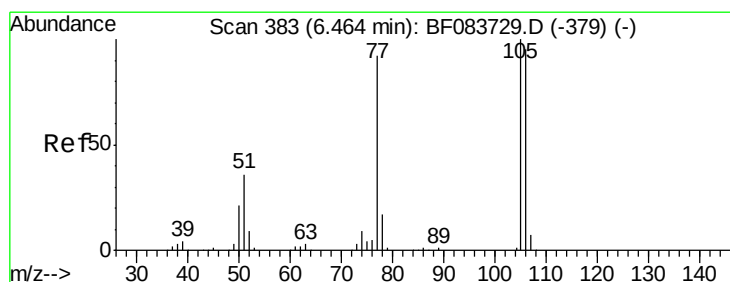
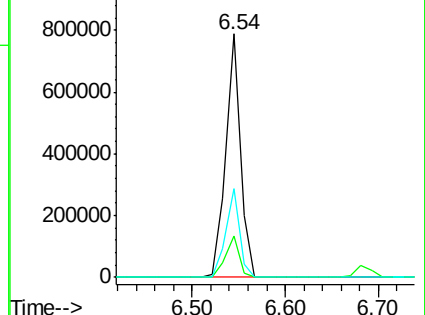
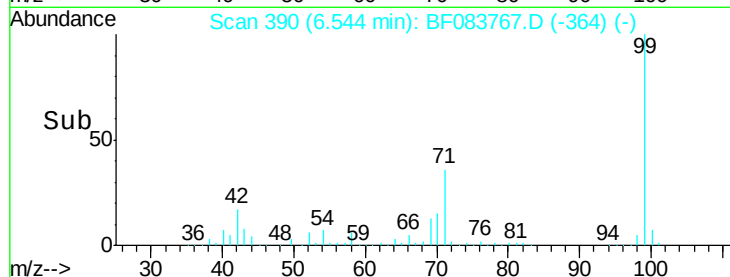
71 36.4 26.6 40.0



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: 3.81 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.22 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

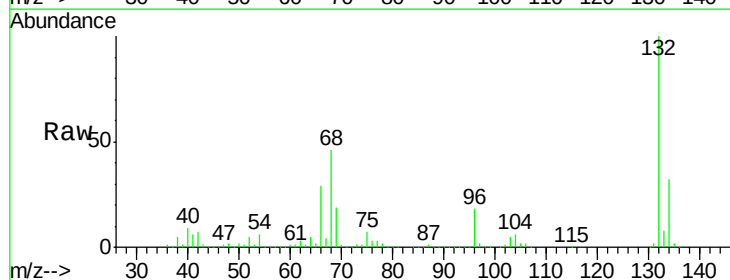
Tgt Ion: 77 Resp: 17763

Ion Ratio Lower Upper

77 100

105 78.8 71.8 111.8

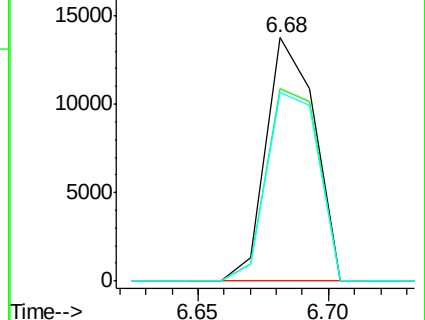
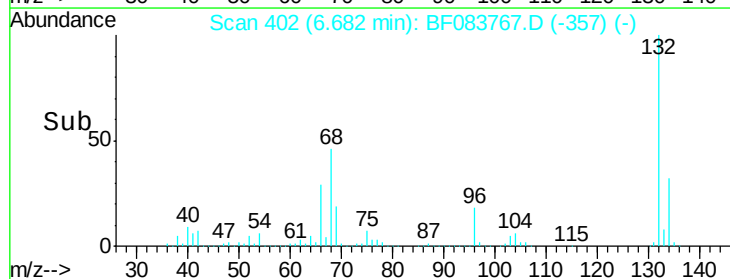
106 77.5 66.8 106.8

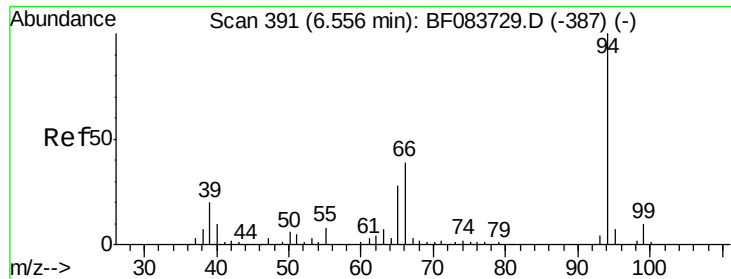


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.26 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Instrument :

BNA_F

ClientSampled :

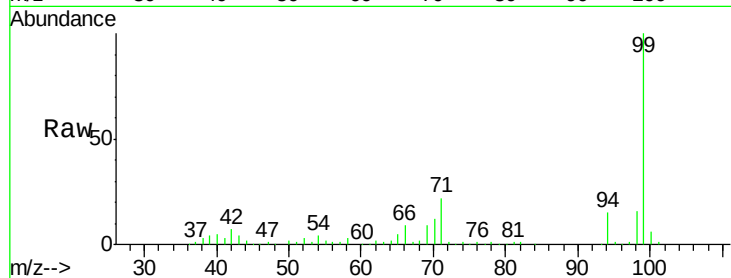
Tot Ion: 94 Resp: 22626

Ion Ratio Lower Upper

94 100

65 32.4 20.9 60.9

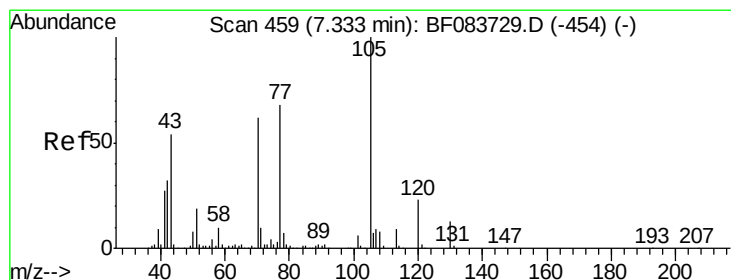
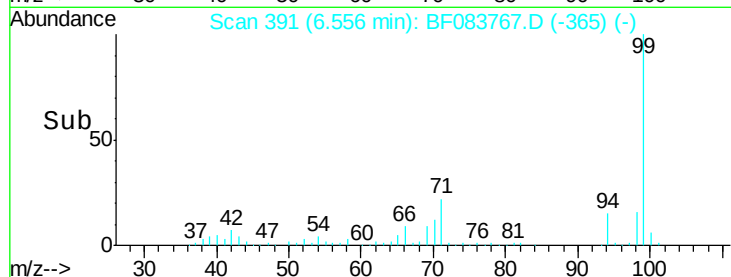
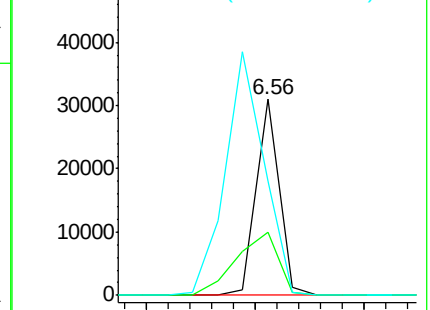
66 58.6 41.6 81.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.67 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Tgt Ion: 70 Resp: 83384

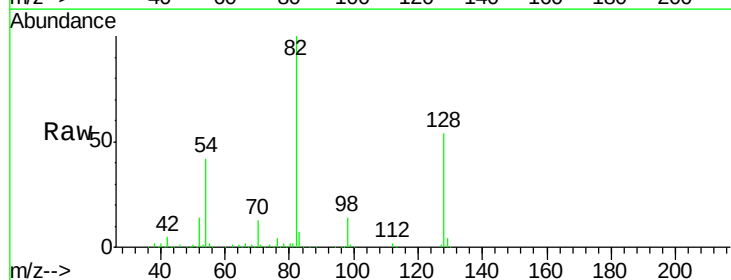
Ion Ratio Lower Upper

70 100

42 37.0 49.2 73.8#

101 0.0 7.1 10.7#

130 2.4 15.4 23.0#

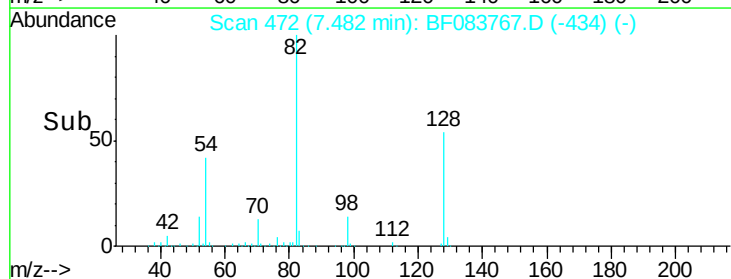
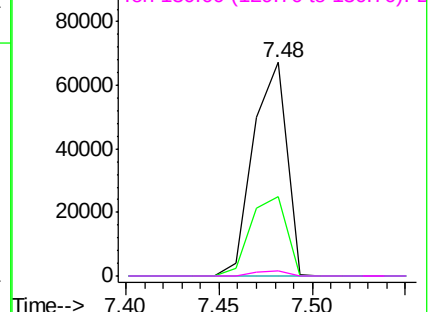


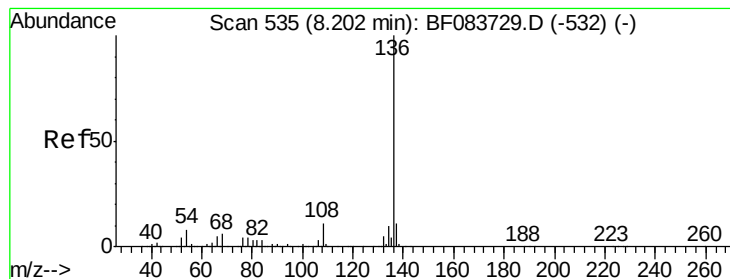
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 411783

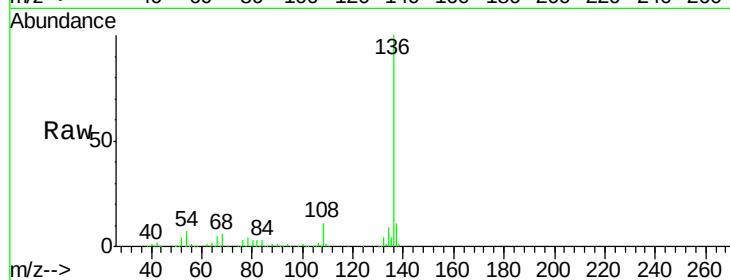
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 7.2 7.8 11.6#

68 5.8 5.7 8.5

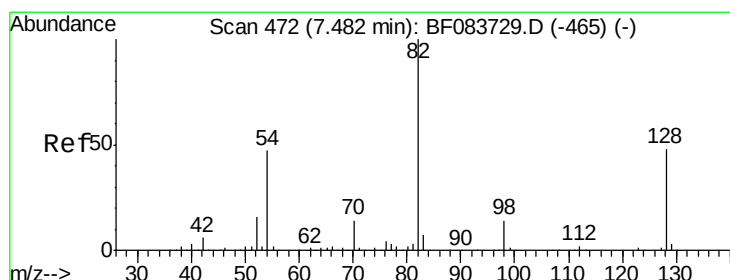
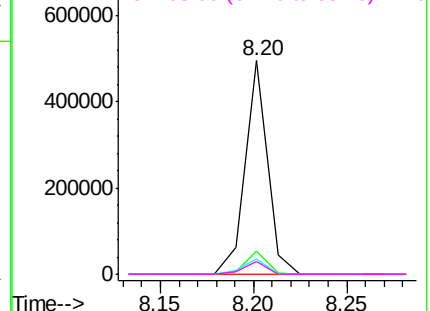
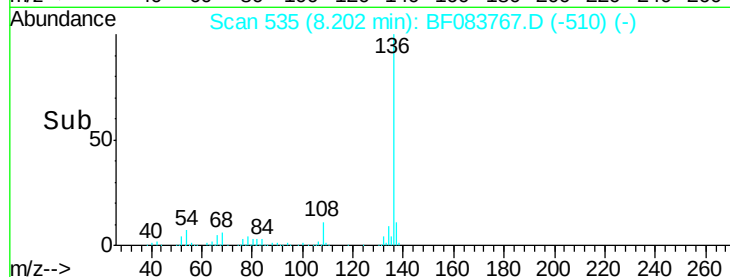


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.77 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

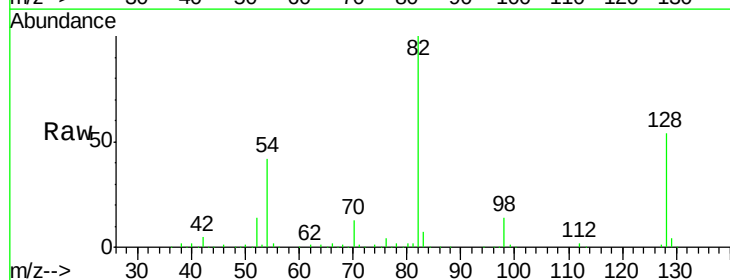
Tgt Ion: 82 Resp: 623952

Ion Ratio Lower Upper

82 100

128 53.8 30.7 46.1#

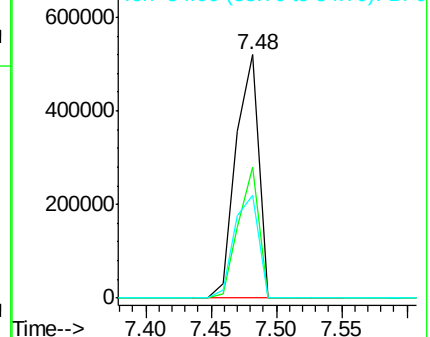
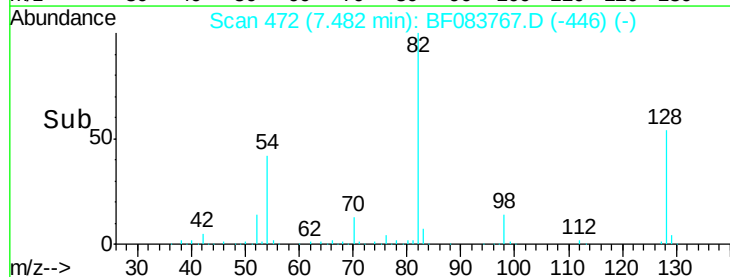
54 42.1 42.5 63.7#

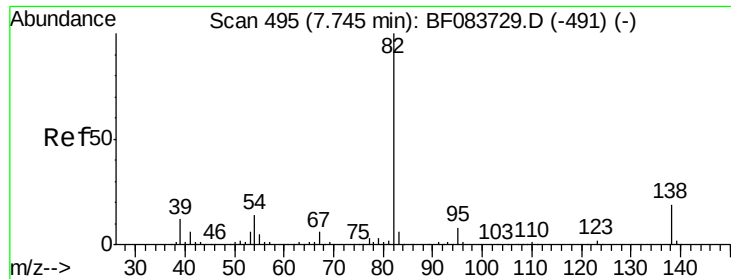


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

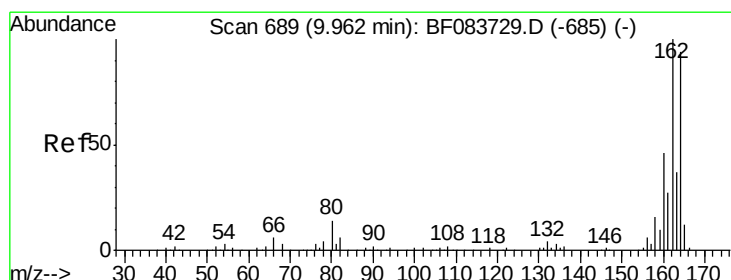
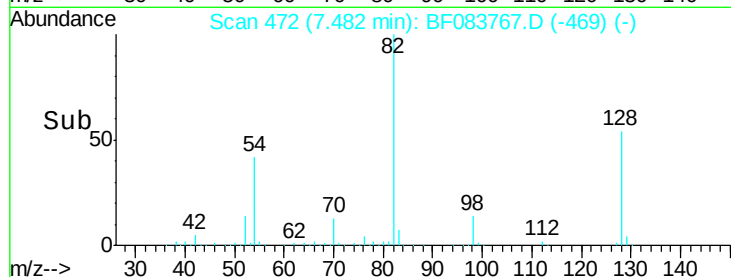
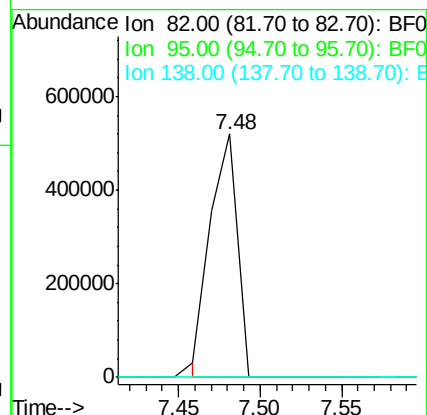
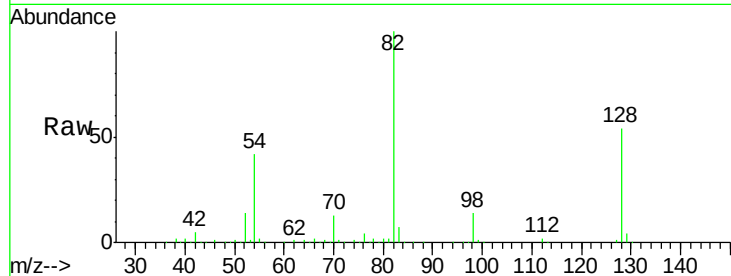




#25
Isophorone
Concen: 41.81 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.26 min
Lab File: BF083767.D
Acq: 14 Dec 2015 9:17

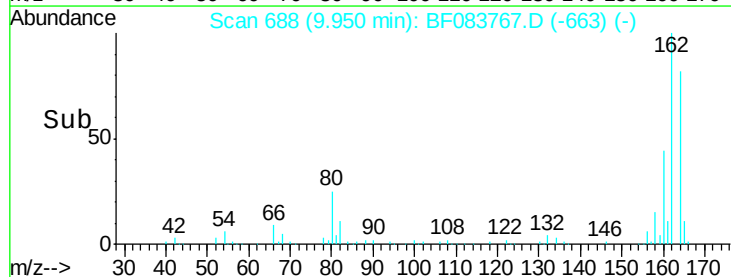
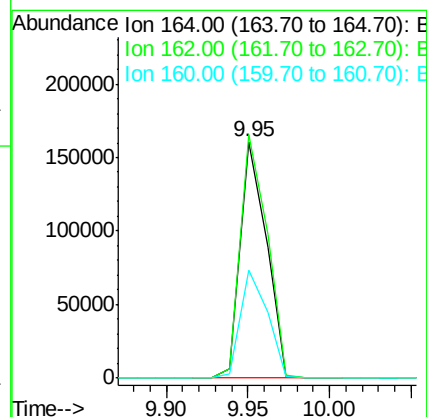
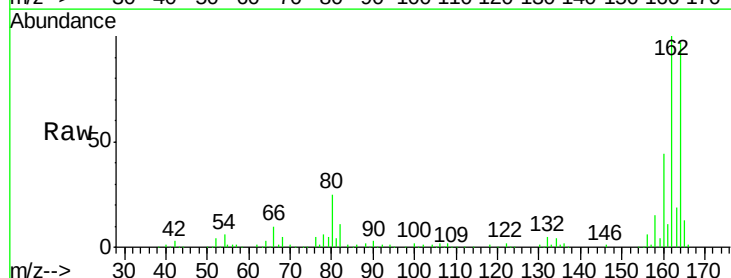
Instrument :
BNA_F
ClientSampleId :

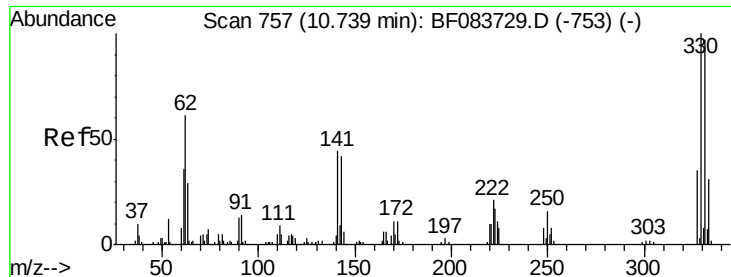
Tot Ion: 82 Resp: 603691
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.1 18.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083767.D
Acq: 14 Dec 2015 9:17

Tgt Ion:164 Resp: 177049
Ion Ratio Lower Upper
164 100
162 102.9 78.8 118.2
160 45.6 33.4 50.2

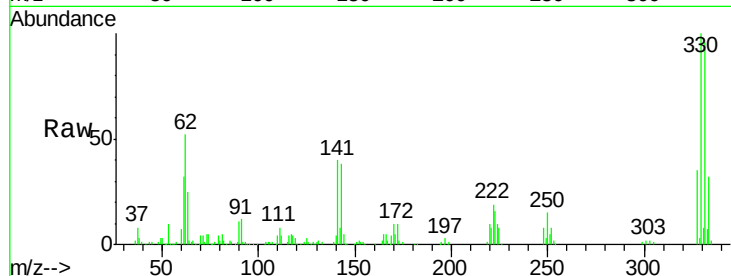




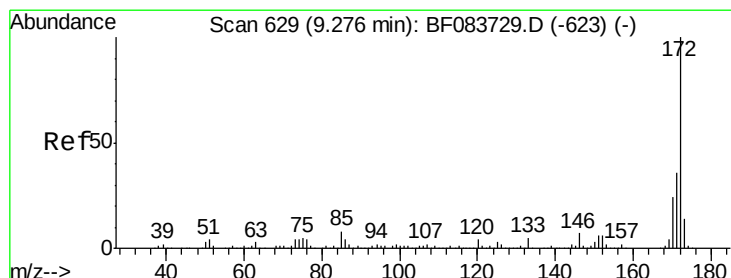
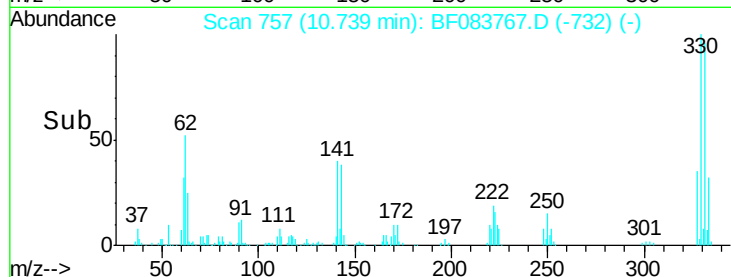
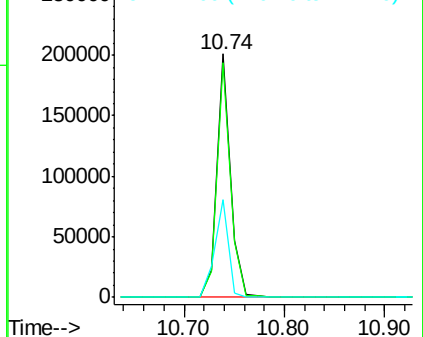
#41
 2,4,6-Tribromophenol
 Concen: 104.88 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083767.D
 Acq: 14 Dec 2015 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	40.7	0.0	0.0#

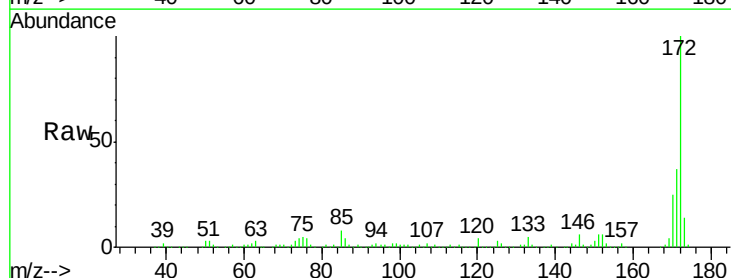


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

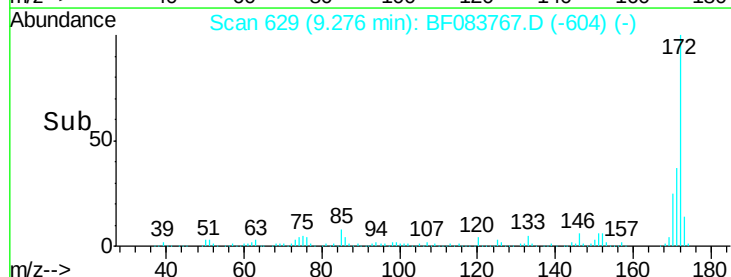
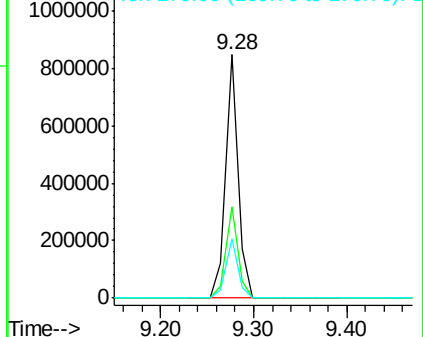


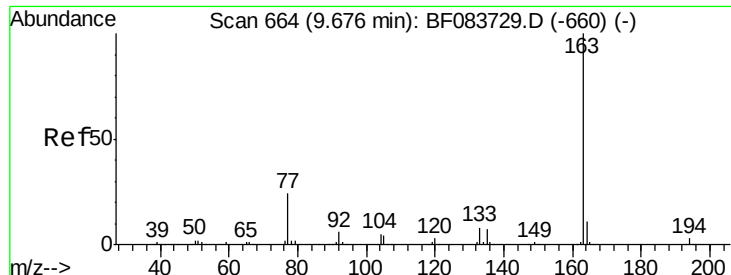
#44
 2-Fluorobiphenyl
 Concen: 59.66 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083767.D
 Acq: 14 Dec 2015 9:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	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: 19.14 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Instrument :

BNA_F

ClientSampleId :

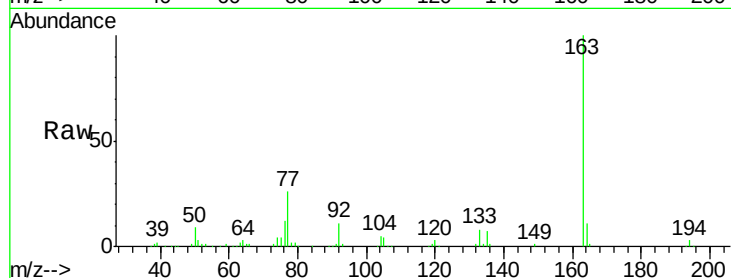
Tot Ion:163 Resp: 264239

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

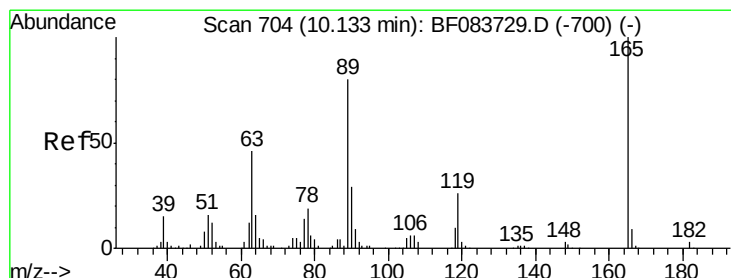
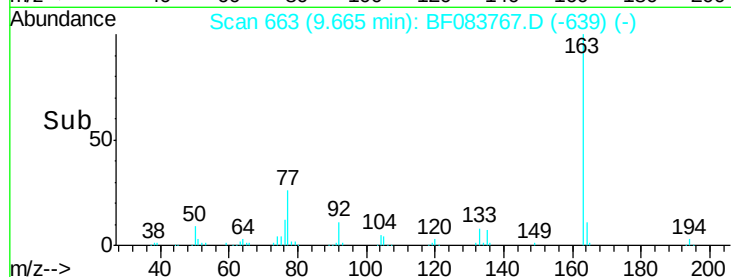
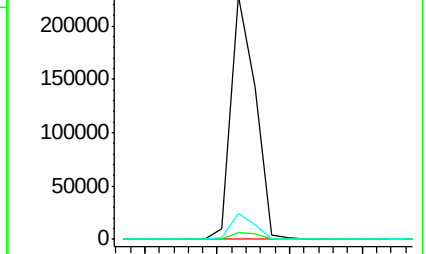
164 10.7 8.6 13.0



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: 5.91 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.19 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Tgt Ion:165 Resp: 22604

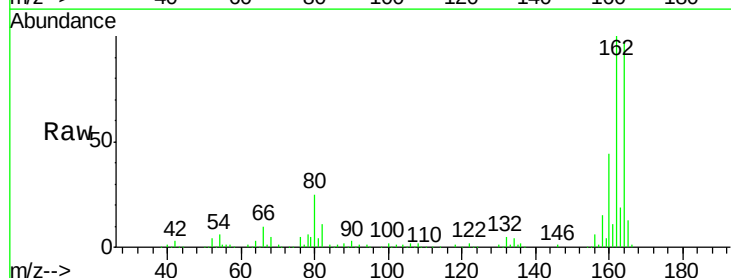
Ion Ratio Lower Upper

165 100

63 1.6 51.4 77.2#

89 2.1 72.6 108.8#

182 0.0 1.4 2.0#

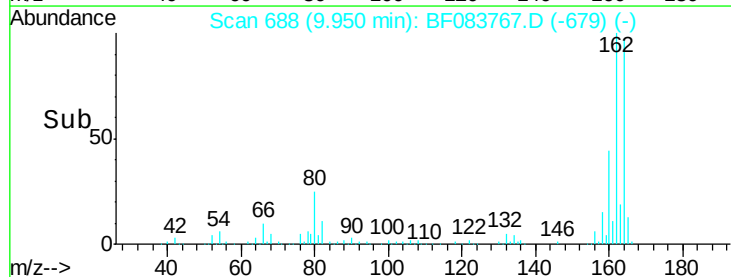
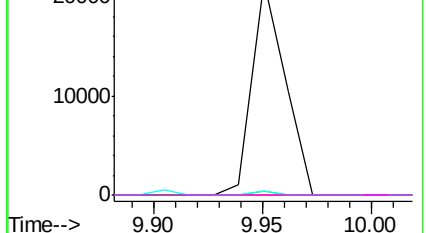


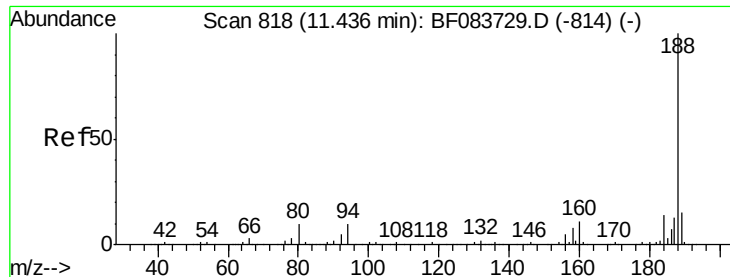
Abundance Ion 165.00 (164.70 to 165.70): E

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

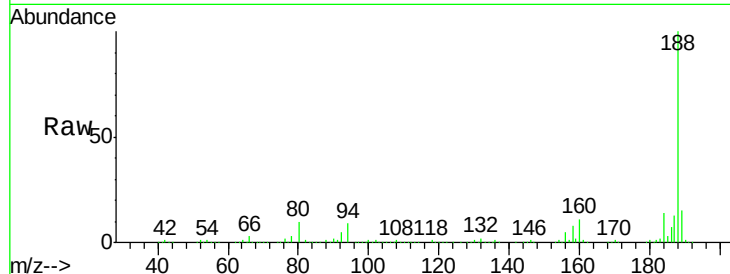




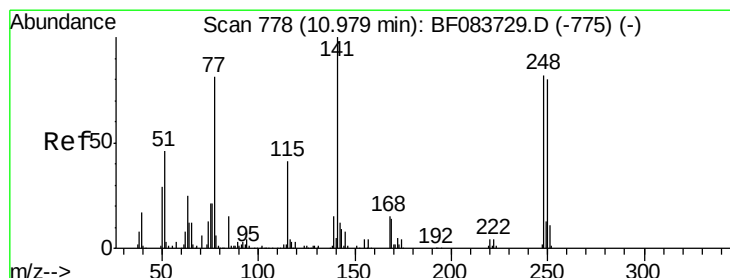
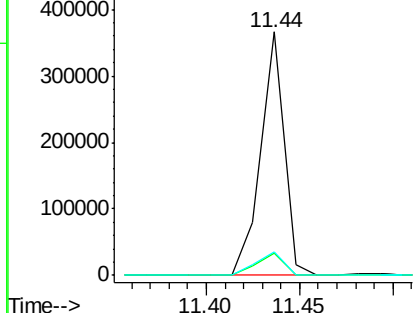
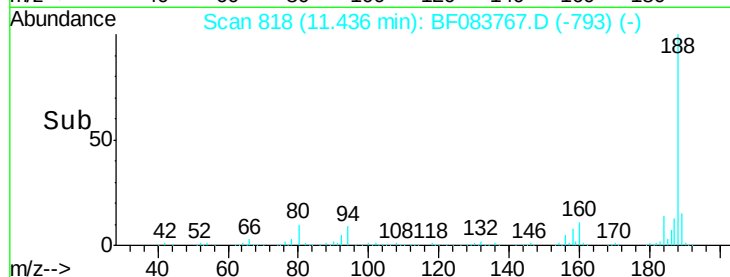
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083767.D
 Acq: 14 Dec 2015 9:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.4	14.2#
80	9.5	10.6	16.0#

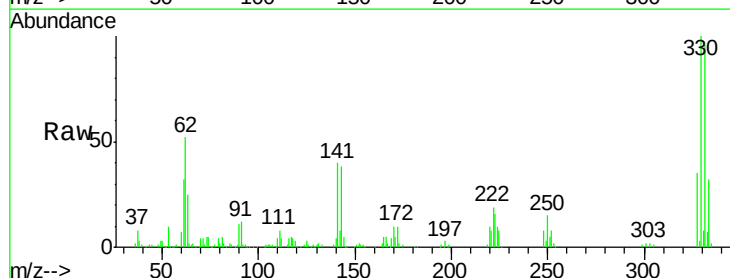


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

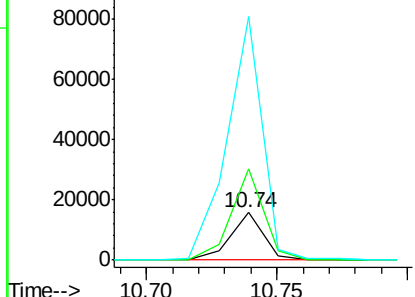
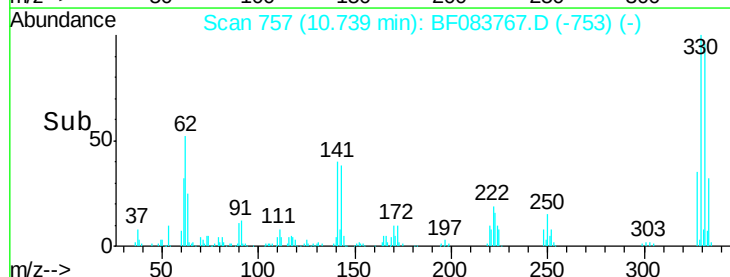


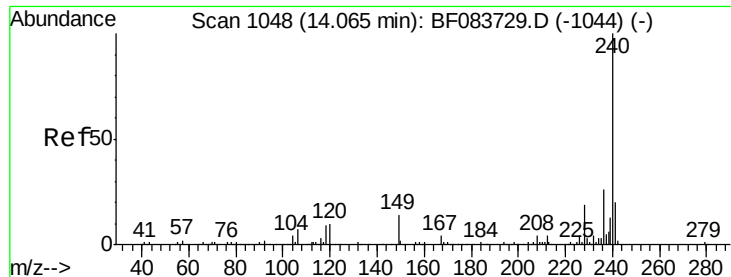
#66
 4-Bromophenyl-phenylether
 Concen: 3.86 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.25 min
 Lab File: BF083767.D
 Acq: 14 Dec 2015 9:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.9	79.2	118.8#
141	512.4	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

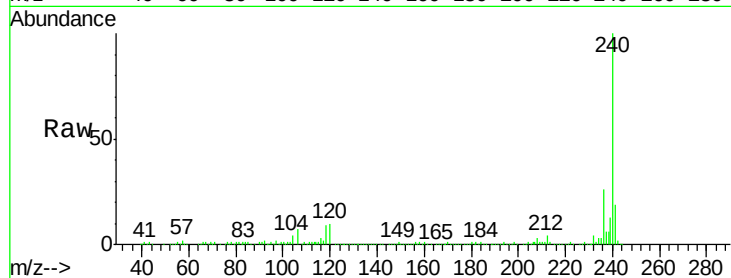
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 261089

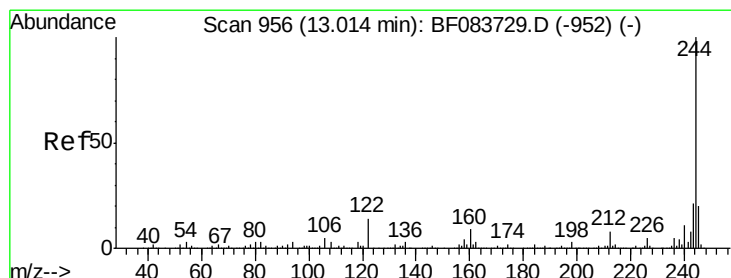
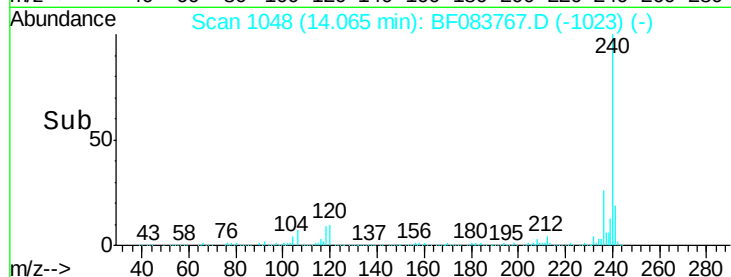
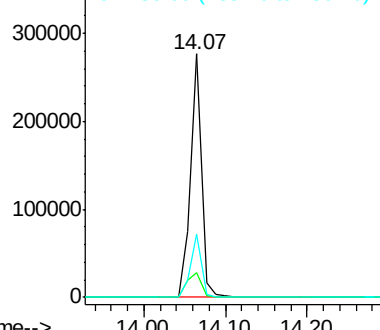
Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.1	12.1
236	25.8	20.8	31.2



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



#78

Terphenyl-d14

Concen: 47.08 ng

RT: 13.01 min Scan# 956

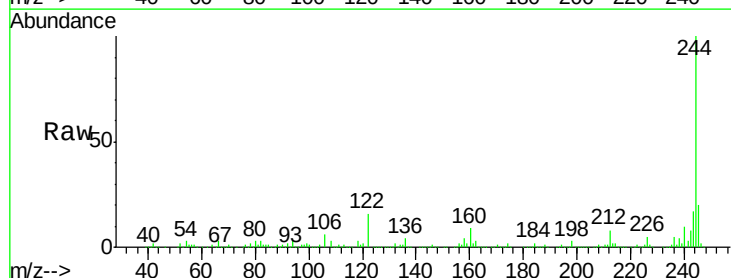
Delta R.T. -0.01 min

Lab File: BF083767.D

Acq: 14 Dec 2015 9:17

Tgt Ion:244 Resp: 571479

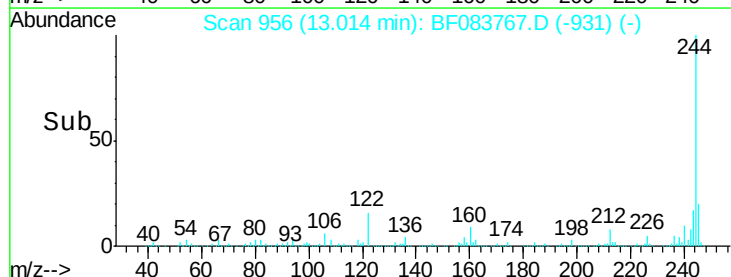
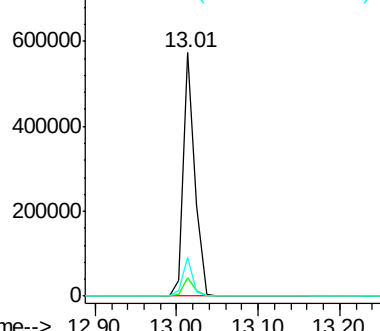
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	15.8	11.0	16.6

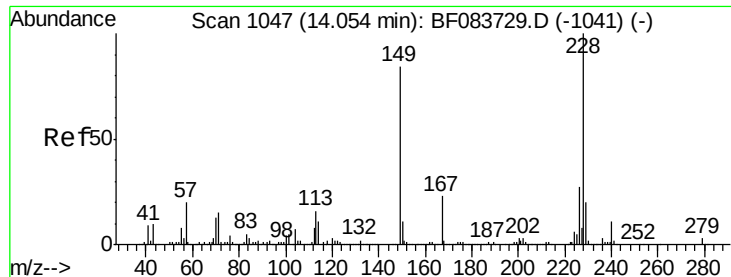


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

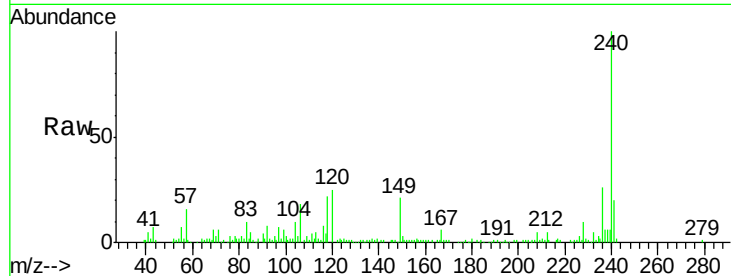




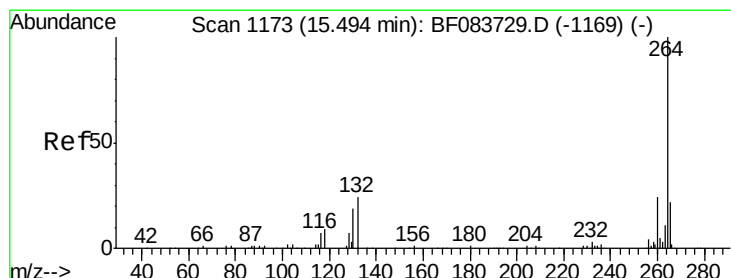
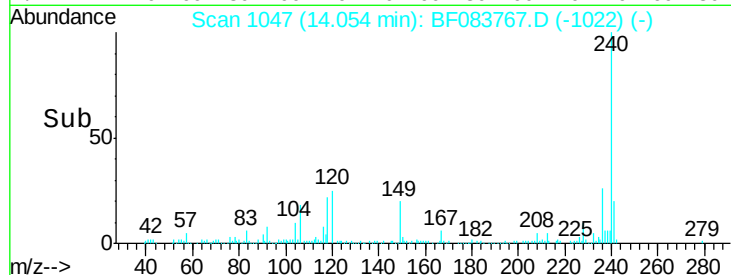
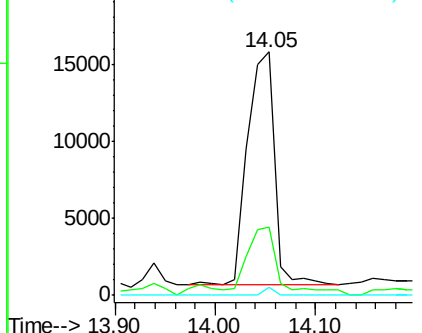
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.83 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083767.D
Acq: 14 Dec 2015 9:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 28483
Ion Ratio Lower Upper
149 100
167 28.3 21.8 32.8
279 3.4 3.0 4.4

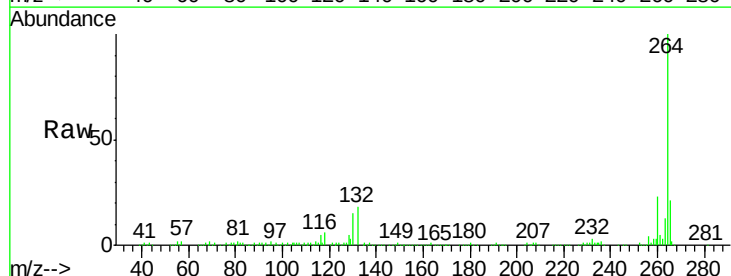


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083767.D
Acq: 14 Dec 2015 9:17

Tgt Ion:264 Resp: 206770
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.0
265 21.0 17.8 26.6



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

