

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083055.D
 Acq On : 20 Nov 2015 1:04
 Operator : UM/IZ
 Sample : PB86743BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BL

Quant Time: Nov 20 06:57:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

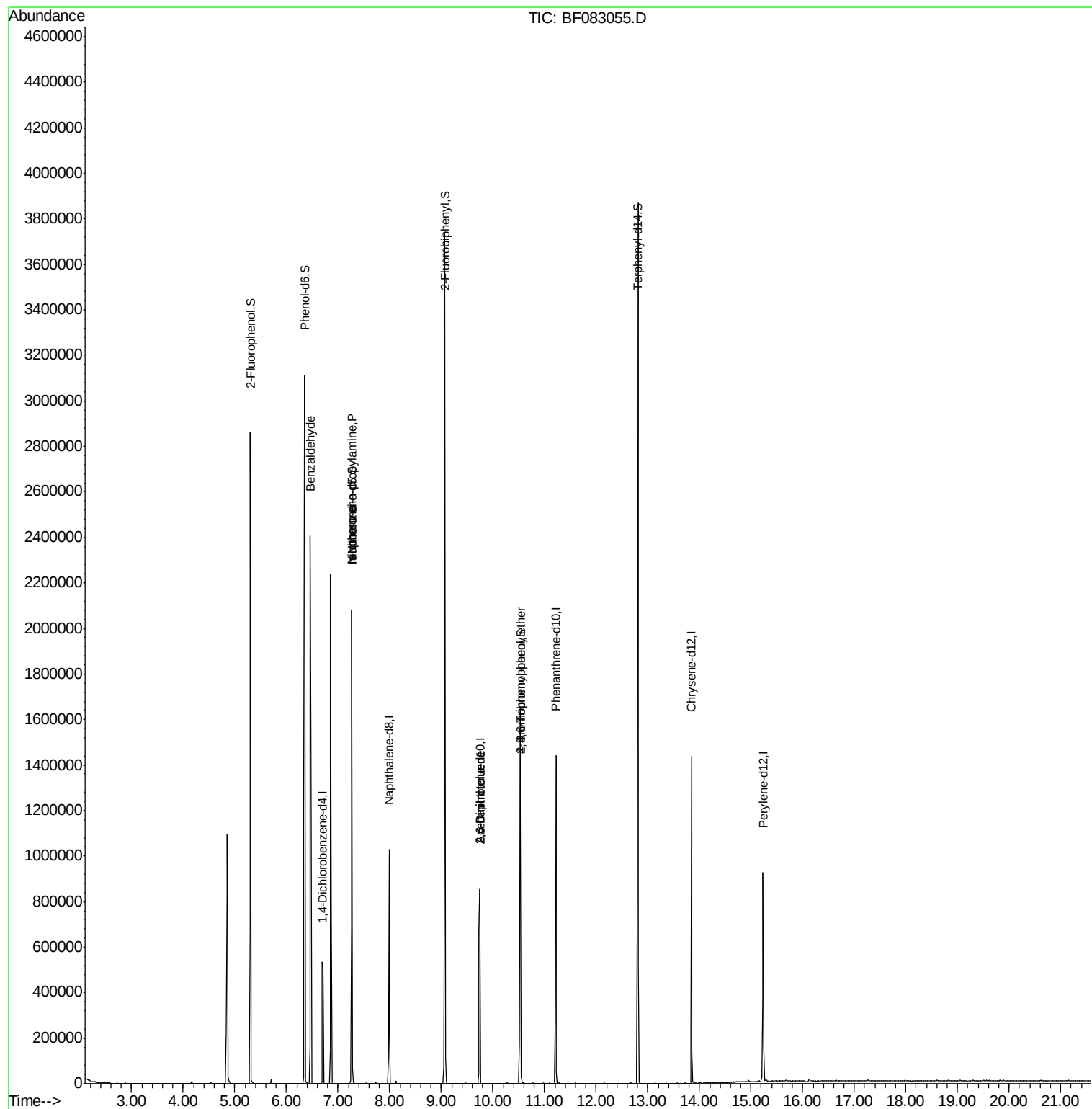
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	116290	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	457784	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	238613	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	506341	20.00	ng	0.00
75) Chrysene-d12	13.85	240	481614	20.00	ng	-0.01
86) Perylene-d12	15.23	264	402087	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	735395	98.22	ng	0.01
7) Phenol-d6	6.35	99	1050159	106.49	ng	0.00
23) Nitrobenzene-d5	7.26	82	703868	70.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	286824	113.22	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1162502	65.62	ng	-0.01
78) Terphenyl-d14	12.81	244	1157111	56.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	18828	2.29	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.26	70	94684	13.14	ng	# 76
25) Isophorone	7.26	82	531947	28.20	ng	# 69
50) 2,6-Dinitrotoluene	9.74	165	29491	6.97	ng	# 26
56) 2,4-Dinitrotoluene	9.74	165	29491	5.21	ng	# 18
66) 4-Bromophenyl-phenylether	10.53	248	17559	2.99	ng	# 1

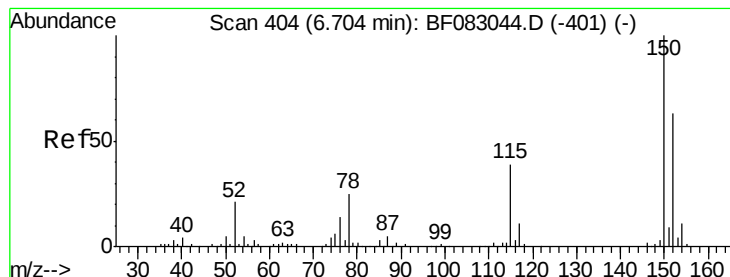
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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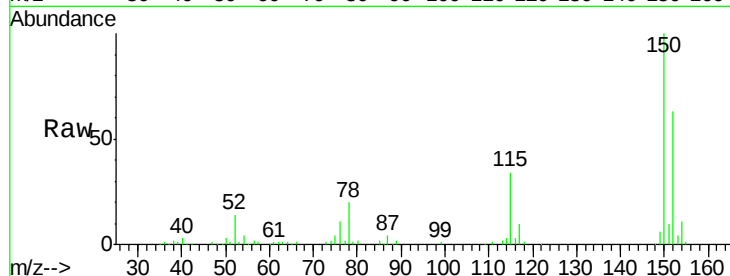


#1

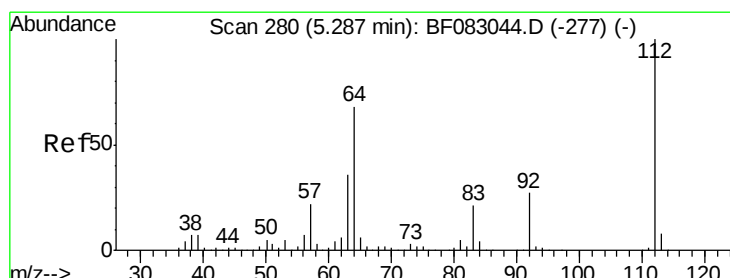
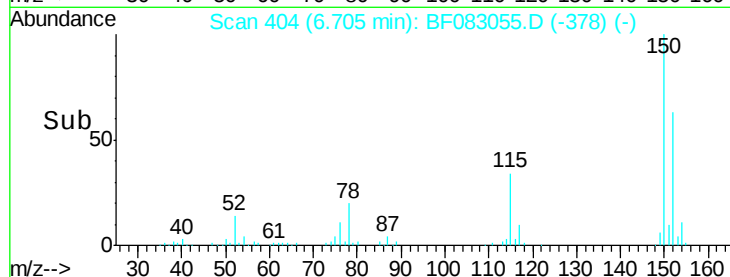
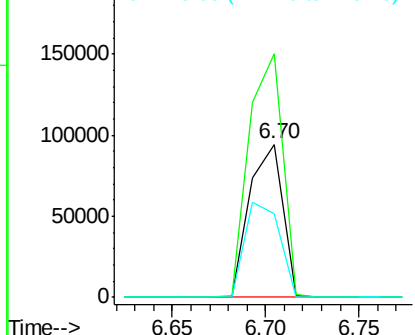
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

Instrument :
BNA_F
ClientSampleId :
PB86743BL

Tgt Ion:152 Resp: 116290
Ion Ratio Lower Upper
152 100
150 159.0 126.4 189.6
115 54.5 49.0 73.6



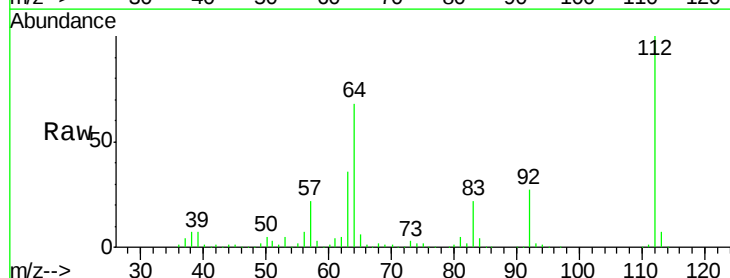
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



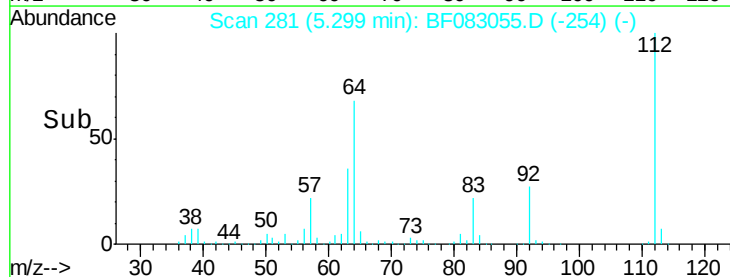
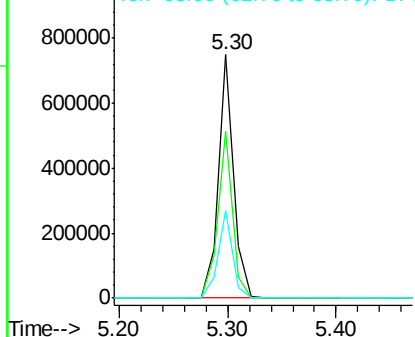
#5

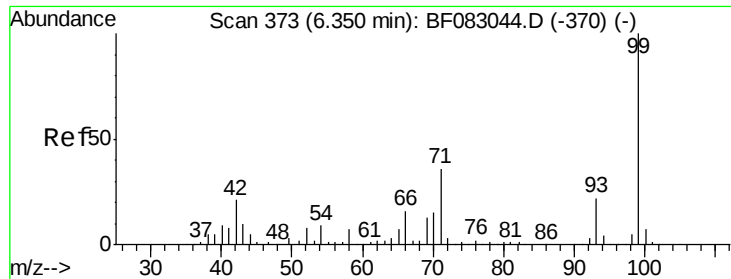
2-Fluorophenol
Concen: 98.22 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

Tgt Ion:112 Resp: 735395
Ion Ratio Lower Upper
112 100
64 68.3 54.8 82.2
63 36.0 29.0 43.4



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: 106.49 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083055.D

Acq: 20 Nov 2015 1:04

Instrument :

BNA_F

ClientSampleId :

PB86743BL

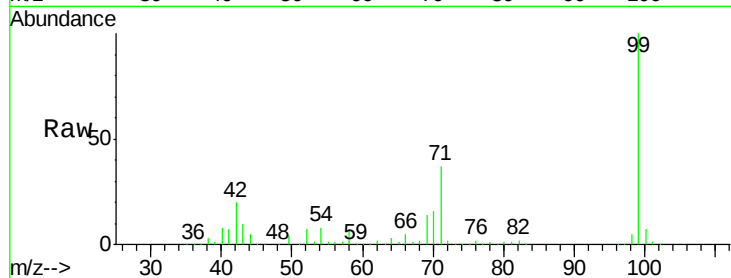
Tgt Ion: 99 Resp: 1050159

Ion Ratio Lower Upper

99 100

42 19.7 16.6 25.0

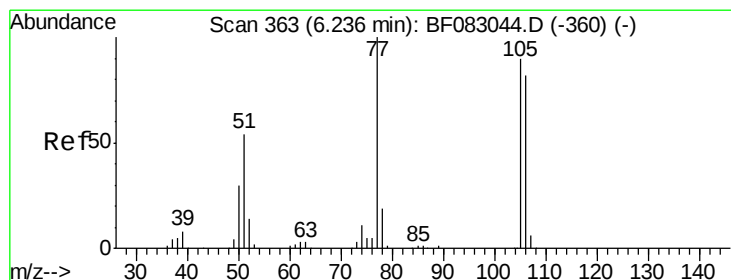
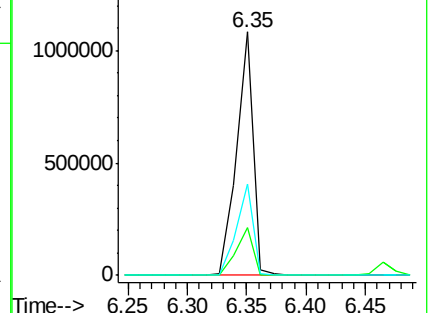
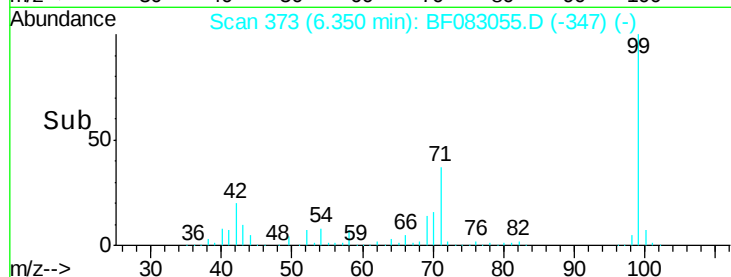
71 37.4 29.2 43.8



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: 2.29 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.23 min

Lab File: BF083055.D

Acq: 20 Nov 2015 1:04

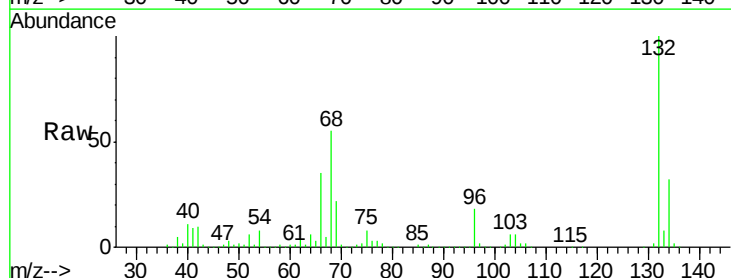
Tgt Ion: 77 Resp: 18828

Ion Ratio Lower Upper

77 100

105 70.1 69.6 109.6

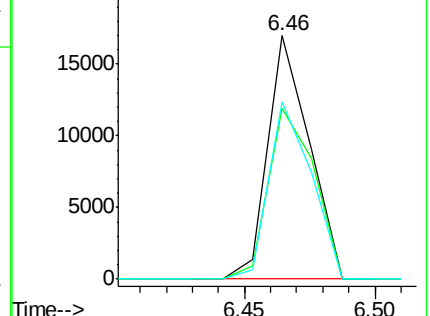
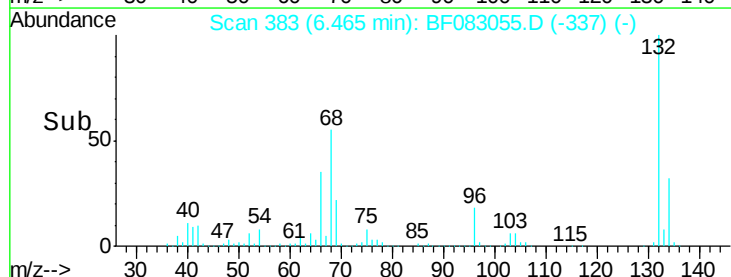
106 72.6 62.0 102.0

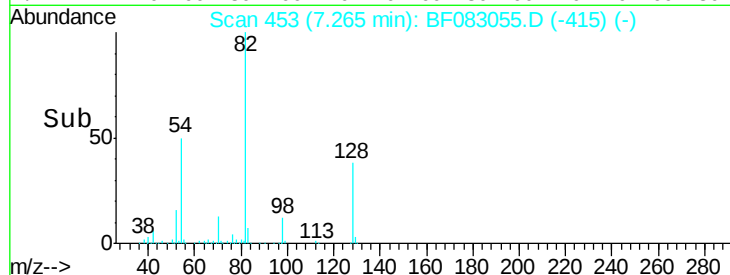
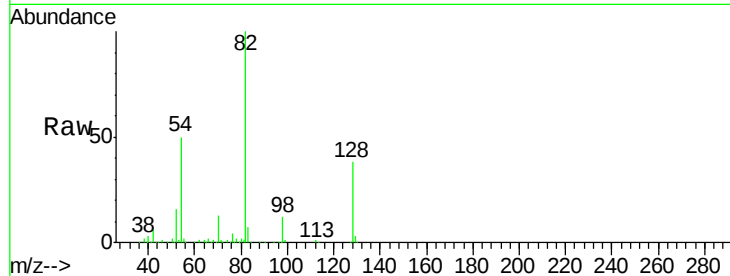
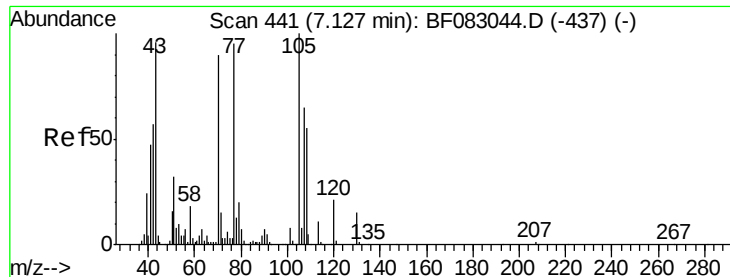


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

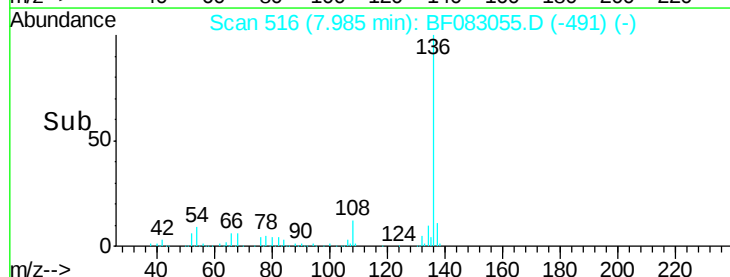
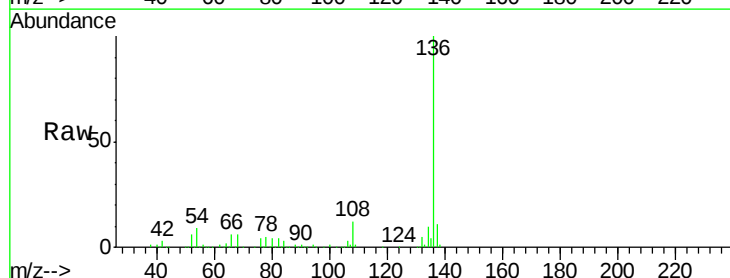
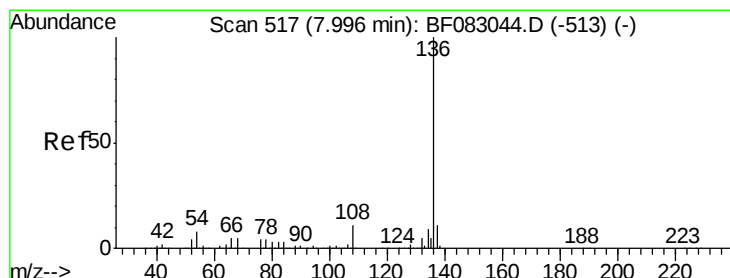
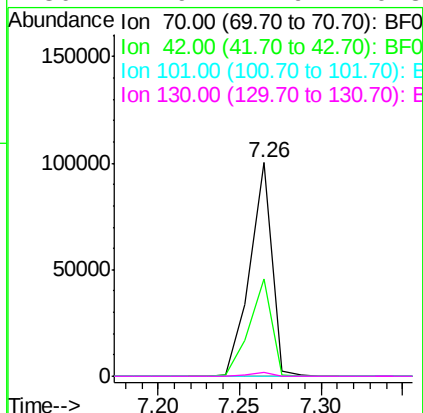




#19
n-Nitroso-di-n-propylamine
Concen: 13.14 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

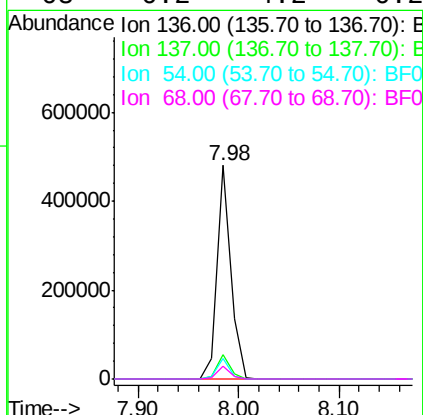
Instrument :
BNA_F
ClientSampleId :
PB86743BL

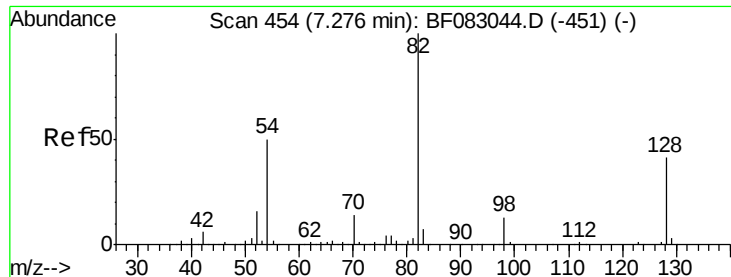
Tgt Ion: 70 Resp: 94684
Ion Ratio Lower Upper
70 100
42 45.8 50.2 75.2#
101 0.0 6.8 10.2#
130 1.9 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

Tgt Ion: 136 Resp: 457784
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.4 6.2 9.2#
68 6.2 4.2 6.2

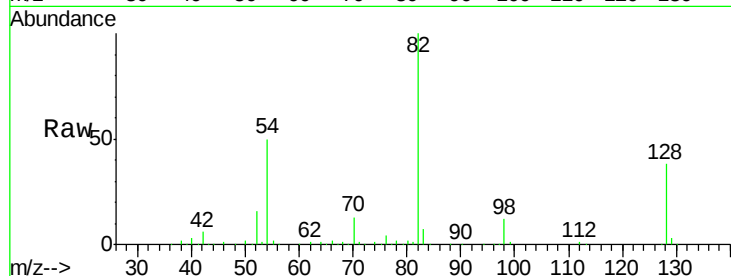




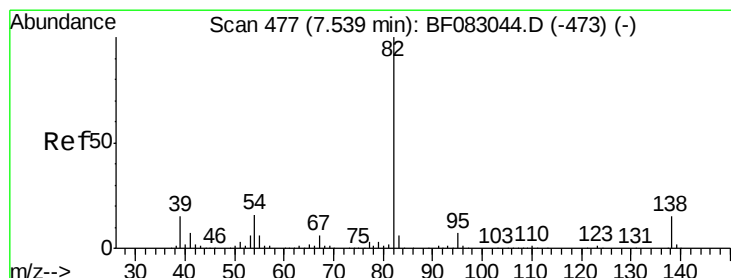
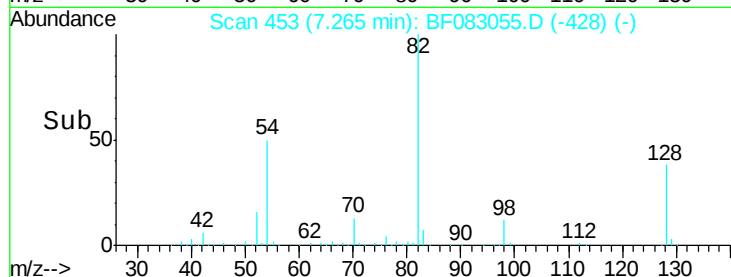
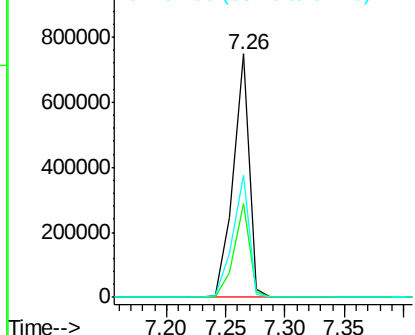
#23
Nitrobenzene-d5
Concen: 70.39 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

Instrument :
BNA_F
ClientSampleId :
PB86743BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.1	49.7
54	50.2	39.8	59.6

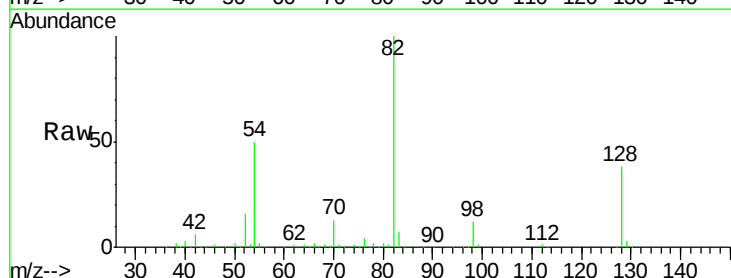


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

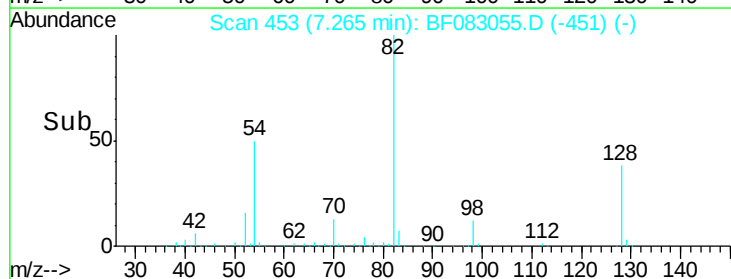
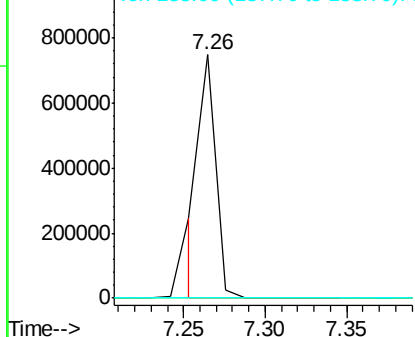


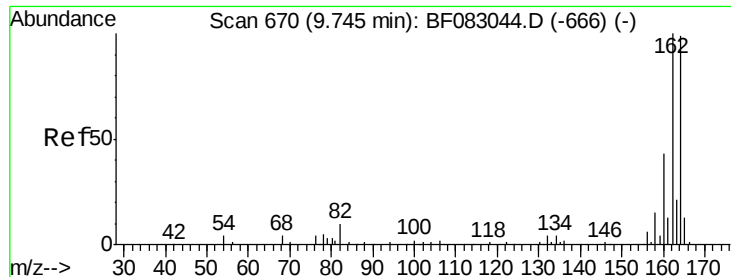
#25
Isophorone
Concen: 28.20 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.27 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	12.2	18.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083055.D

Acq: 20 Nov 2015 1:04

Instrument :

BNA_F

ClientSampleId :

PB86743BL

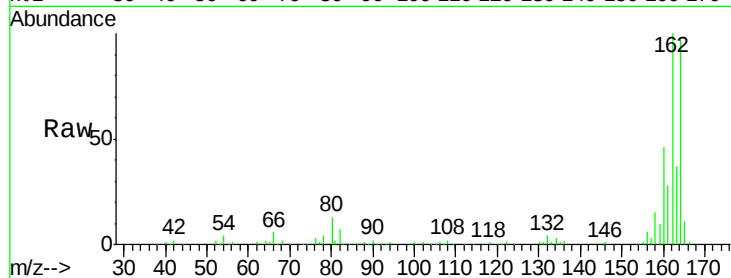
Tgt Ion:164 Resp: 238613

Ion Ratio Lower Upper

164 100

162 102.9 80.5 120.7

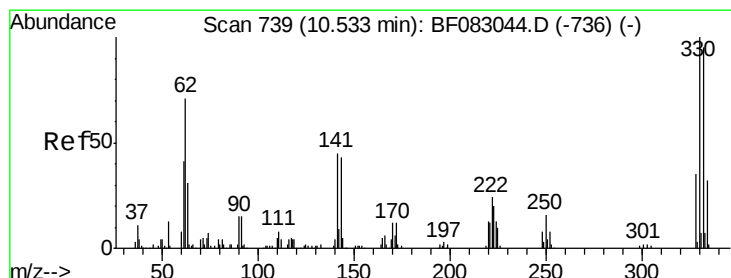
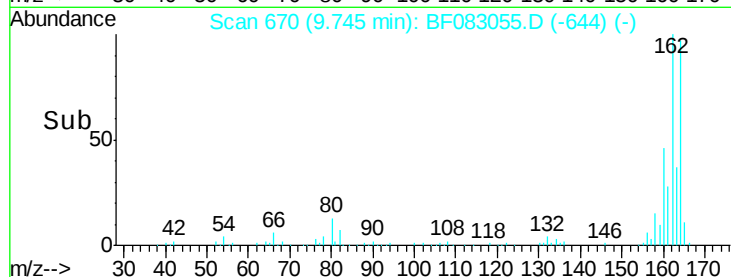
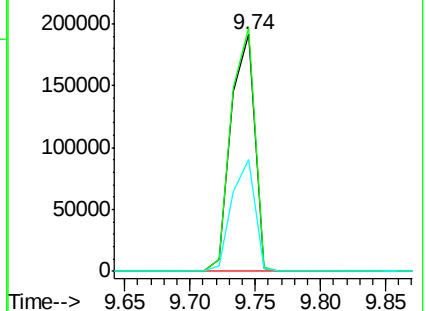
160 47.3 35.0 52.4



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: 113.22 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083055.D

Acq: 20 Nov 2015 1:04

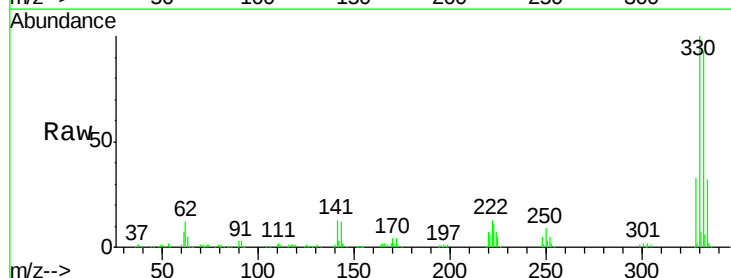
Tgt Ion:330 Resp: 286824

Ion Ratio Lower Upper

330 100

332 93.1 77.6 116.4

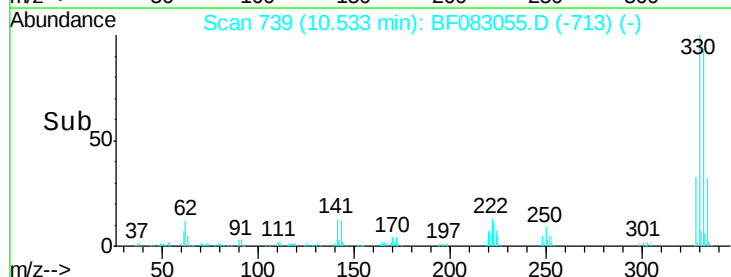
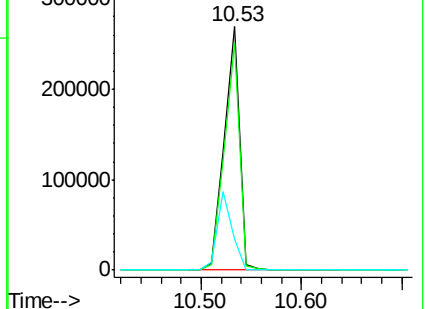
141 31.6 34.6 52.0#

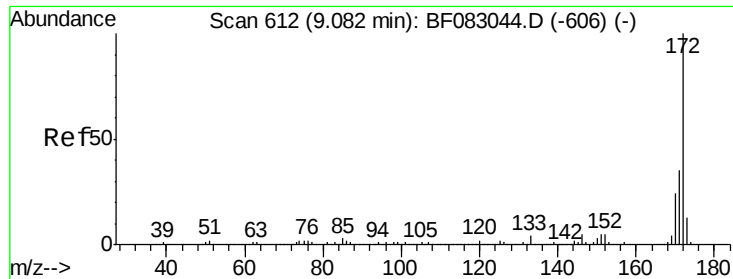


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

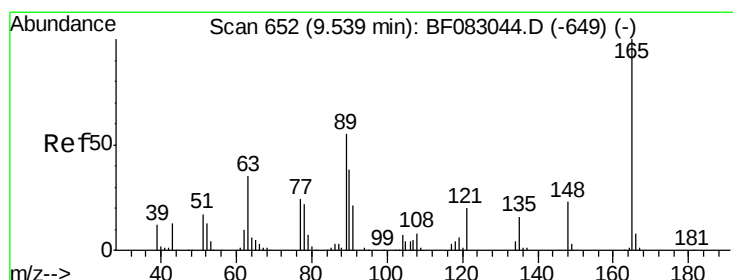
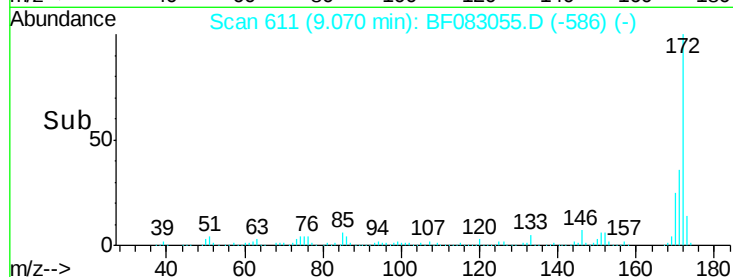
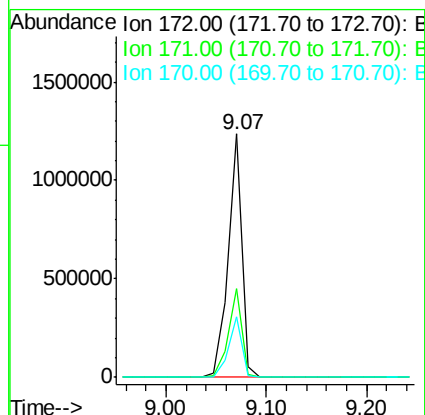
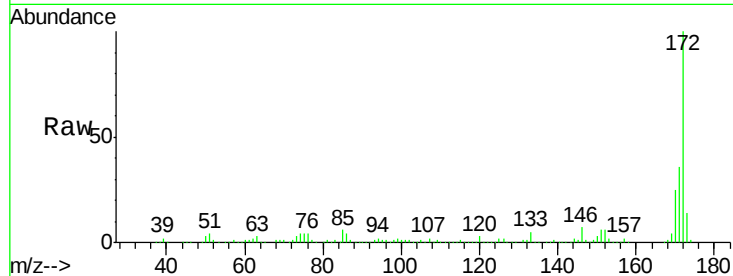




#44
2-Fluorobiphenyl
Concen: 65.62 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

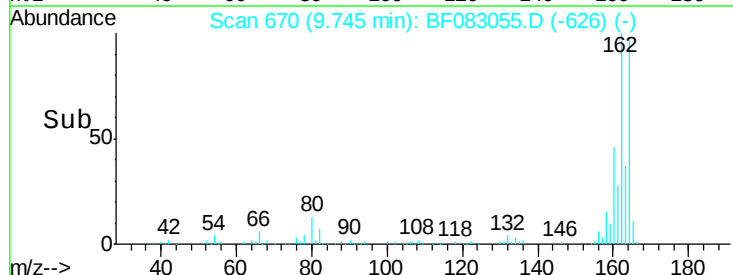
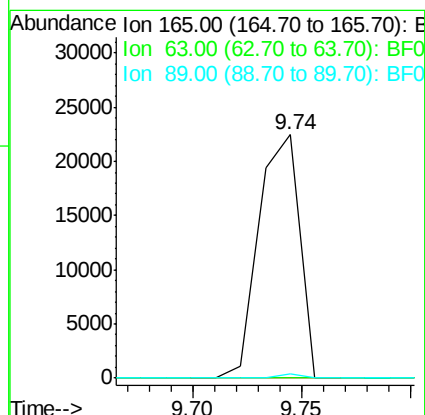
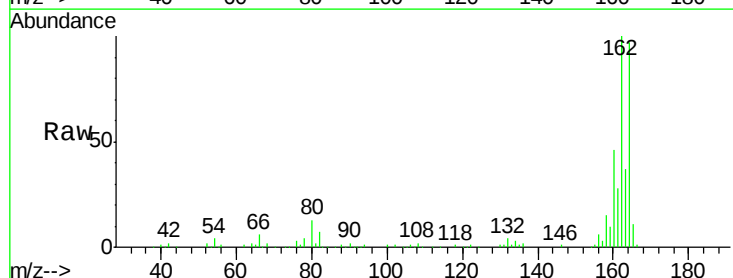
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PB86743BL

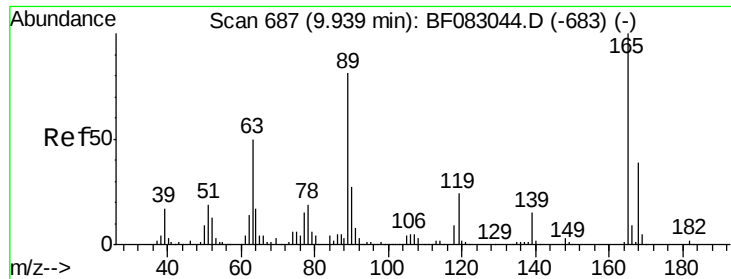
Tgt Ion:172 Resp: 1162502
Ion Ratio Lower Upper
172 100
171 36.4 28.2 42.4
170 24.9 19.4 29.0



#50
2,6-Dinitrotoluene
Concen: 6.97 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.21 min
Lab File: BF083055.D
Acq: 20 Nov 2015 1:04

Tgt Ion:165 Resp: 29491
Ion Ratio Lower Upper
165 100
63 0.0 40.6 61.0#
89 1.8 44.5 66.7#

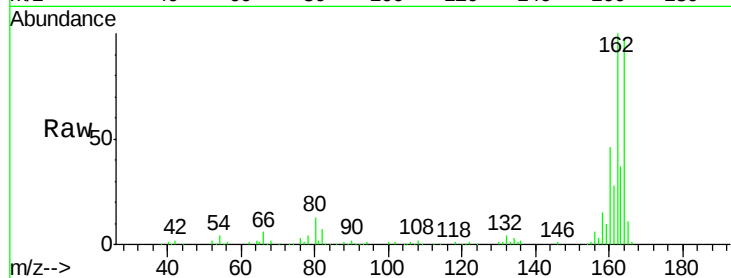




#56
 2,4-Dinitrotoluene
 Concen: 5.21 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.19 min
 Lab File: BF083055.D
 Acq: 20 Nov 2015 1:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BL

Tgt Ion:	165	Resp:	29491
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.6	61.0#
89	1.8	64.4	96.6#
182	0.0	1.6	2.4#

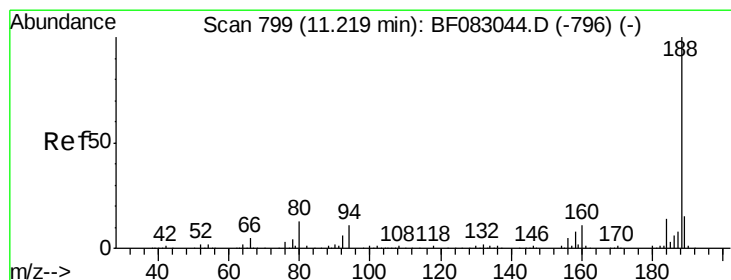
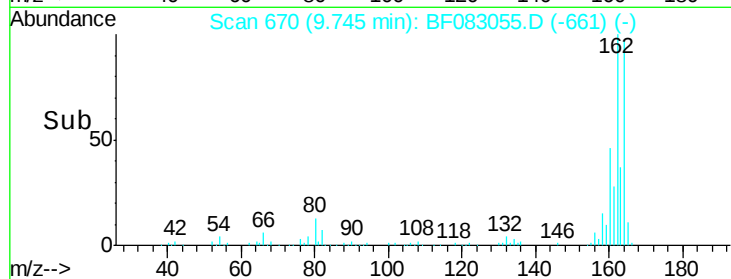
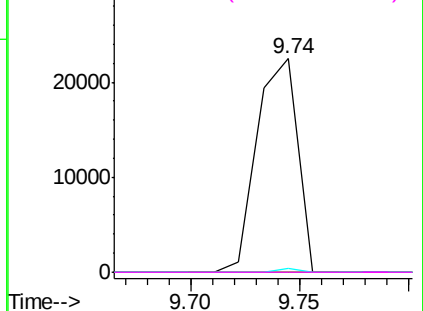


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

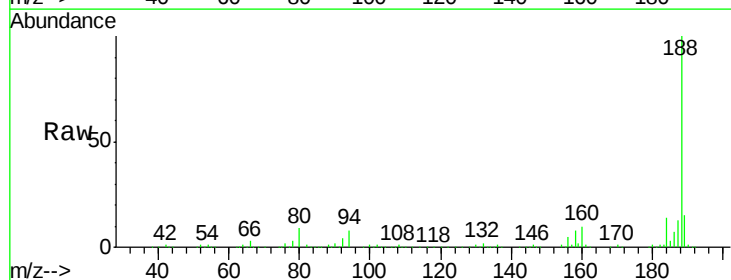
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF083055.D
 Acq: 20 Nov 2015 1:04

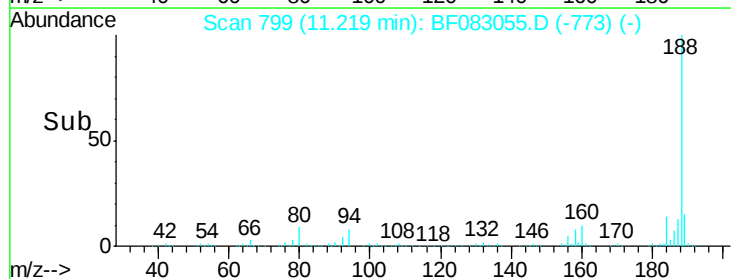
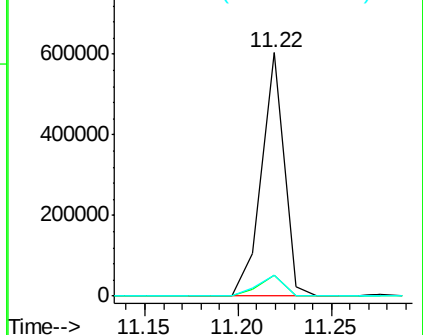
Tgt Ion:	188	Resp:	506341
Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	8.7	10.2	15.4#

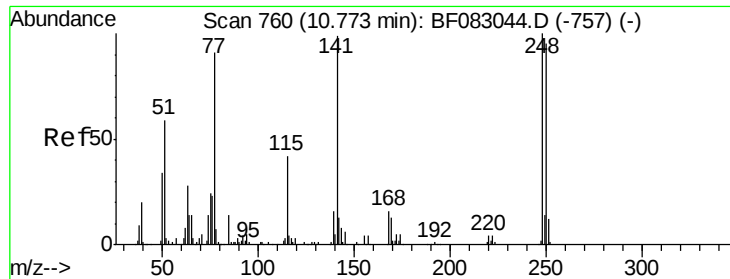


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

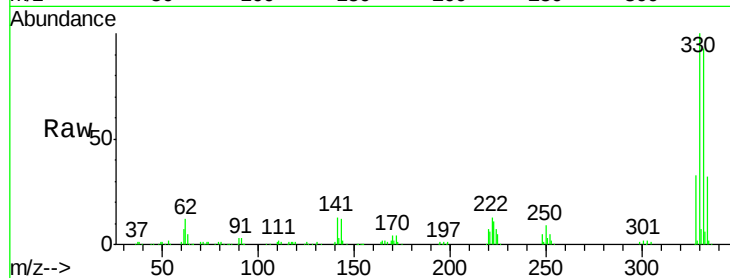




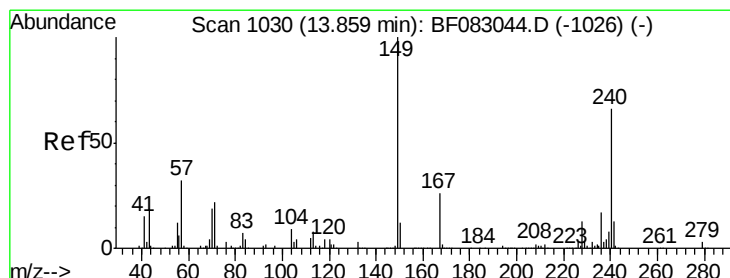
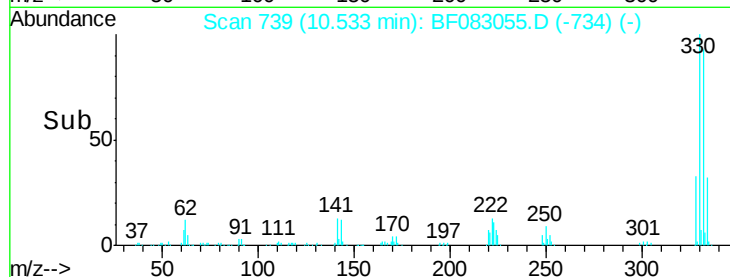
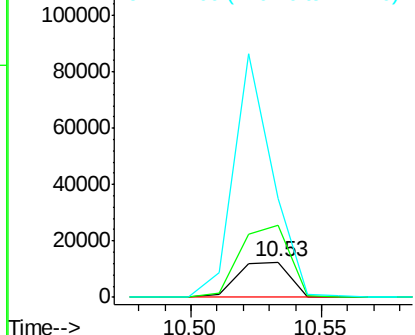
#66
 4-Bromophenyl-phenylether
 Concen: 2.99 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF083055.D
 Acq: 20 Nov 2015 1:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BL

Tgt Ion:248 Resp: 17559
 Ion Ratio Lower Upper
 248 100
 250 202.5 76.1 114.1#
 141 278.8 79.2 118.8#

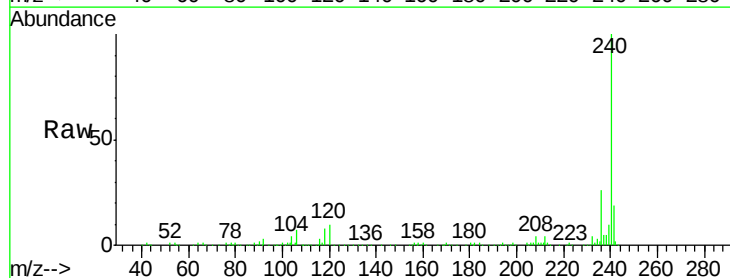


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

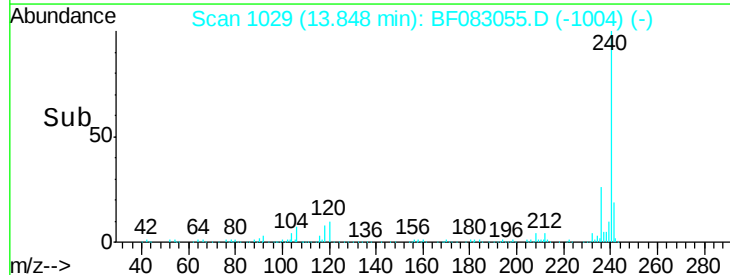
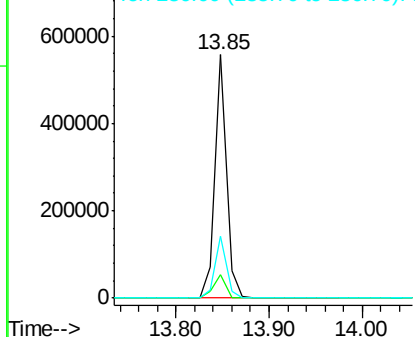


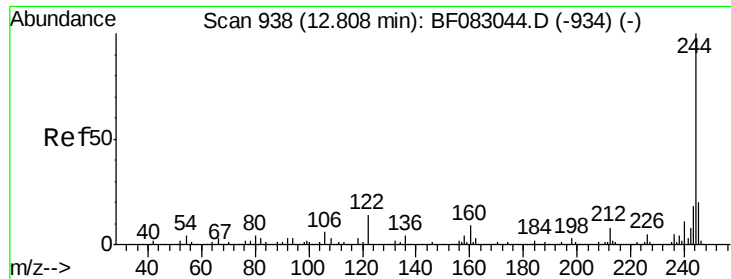
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083055.D
 Acq: 20 Nov 2015 1:04

Tgt Ion:240 Resp: 481614
 Ion Ratio Lower Upper
 240 100
 120 9.5 5.3 7.9#
 236 25.6 20.4 30.6



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

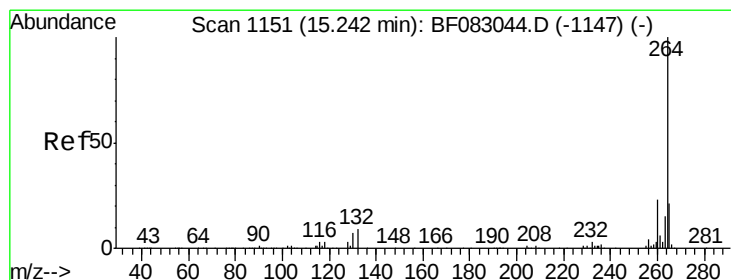
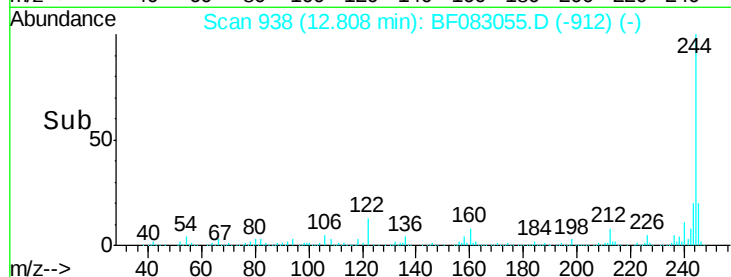
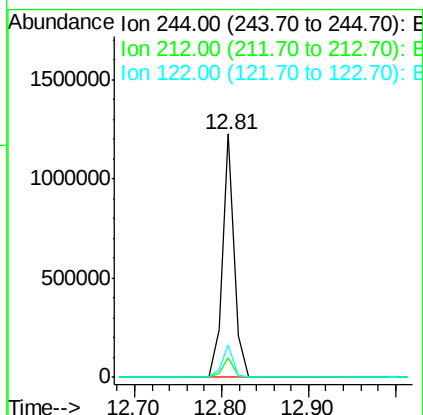
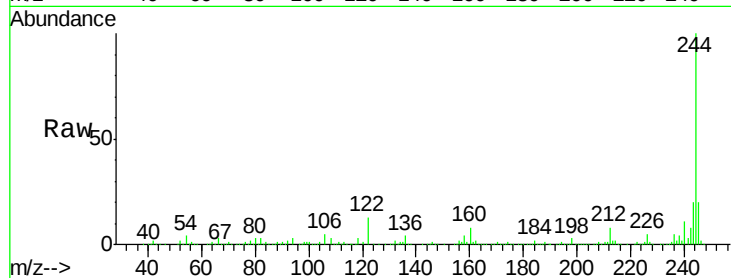




#78
 Terphenyl-d14
 Concen: 56.72 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083055.D
 Acq: 20 Nov 2015 1:04

Instrument :
 BNA_F
 ClientSampleId :
 PB86743BL

Tgt Ion:244 Resp: 1157111
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 13.2 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083055.D
 Acq: 20 Nov 2015 1:04

Tgt Ion:264 Resp: 402087
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 22.0 17.0 25.6

