

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083049.D
 Acq On : 19 Nov 2015 22:06
 Operator : UM/IZ
 Sample : PB86753BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BL

Quant Time: Nov 20 06:42:27 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

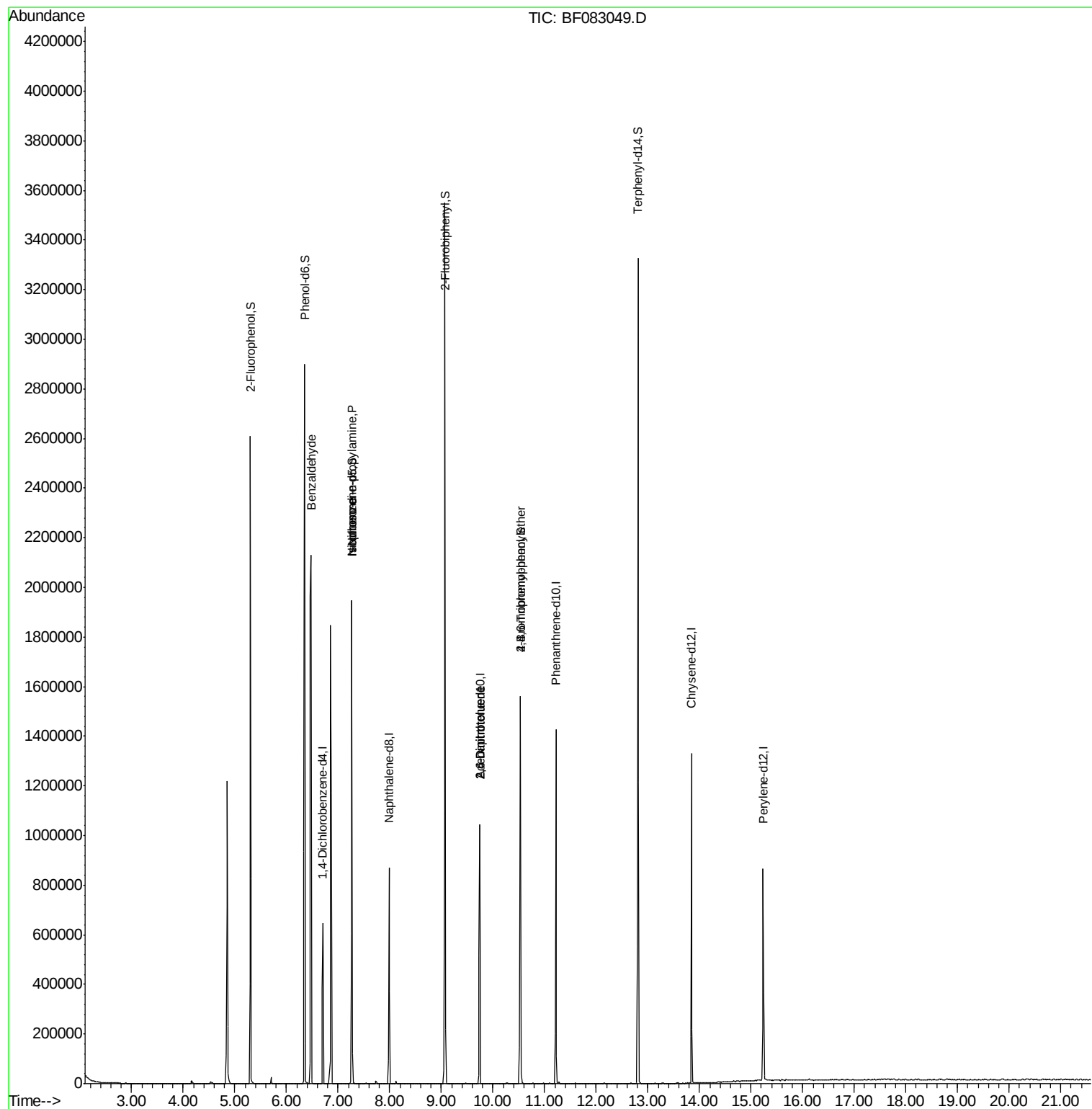
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117284	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	445390	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	243969	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	484789	20.00	ng	0.00
75) Chrysene-d12	13.85	240	461362	20.00	ng	-0.01
86) Perylene-d12	15.23	264	395031	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	729598	96.62	ng	0.01
7) Phenol-d6	6.35	99	956382	96.16	ng	0.00
23) Nitrobenzene-d5	7.26	82	662426	68.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	284390	109.79	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1124118	62.06	ng	-0.01
78) Terphenyl-d14	12.81	244	1169789	59.86	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.48	77	20529	2.55	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	88903	12.23	ng	# 77
25) Isophorone	7.26	82	509480	27.76	ng	# 69
50) 2,6-Dinitrotoluene	9.74	165	30897	7.14	ng	# 28
56) 2,4-Dinitrotoluene	9.74	165	30897	5.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.53	248	19397	3.45	ng	# 1

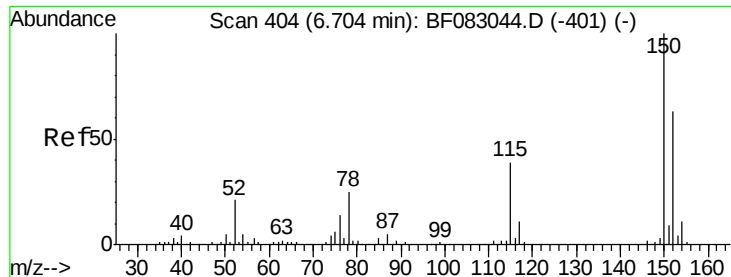
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 20 01:33:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083049.D

Acq: 19 Nov 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PB86753BL

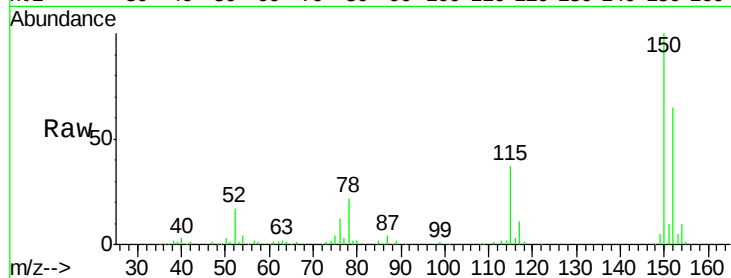
Tgt Ion:152 Resp: 117284

Ion Ratio Lower Upper

152 100

150 153.4 126.4 189.6

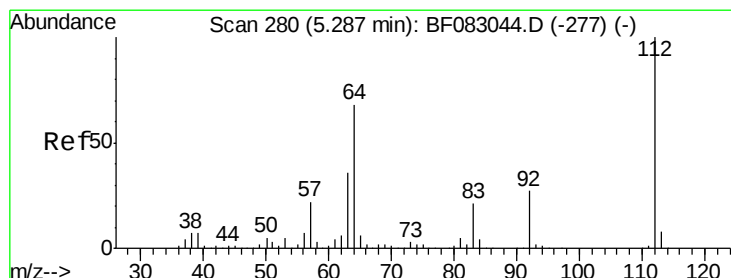
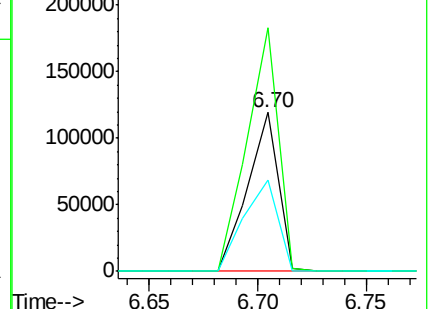
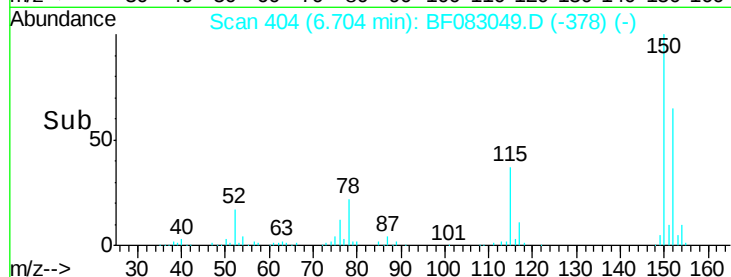
115 57.4 49.0 73.6



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: 96.62 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083049.D

Acq: 19 Nov 2015 22:06

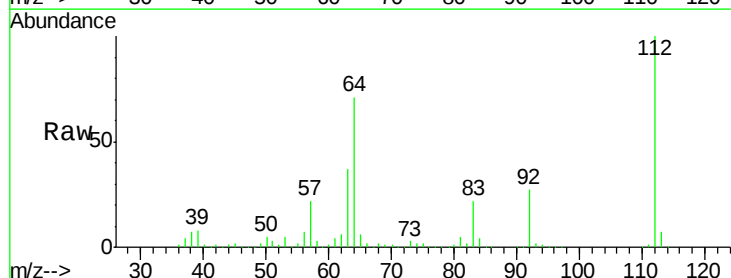
Tgt Ion:112 Resp: 729598

Ion Ratio Lower Upper

112 100

64 71.2 54.8 82.2

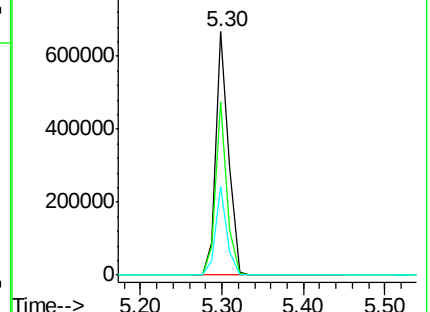
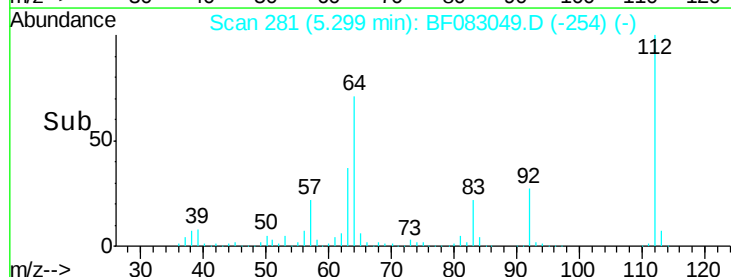
63 36.6 29.0 43.4

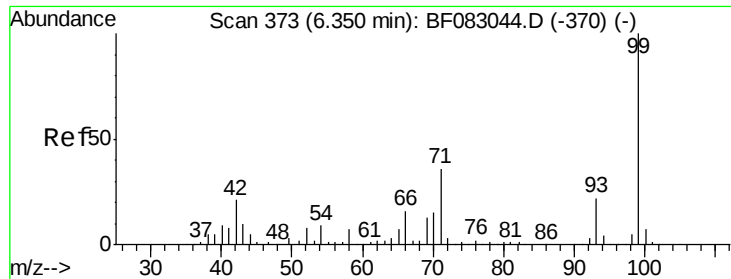


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.16 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF083049.D

Acq: 19 Nov 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PB86753BL

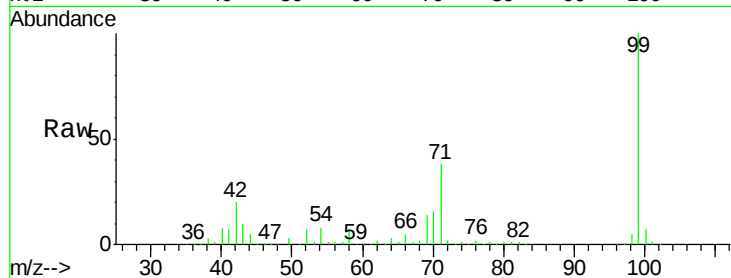
Tgt Ion: 99 Resp: 956382

Ion Ratio Lower Upper

99 100

42 20.1 16.6 25.0

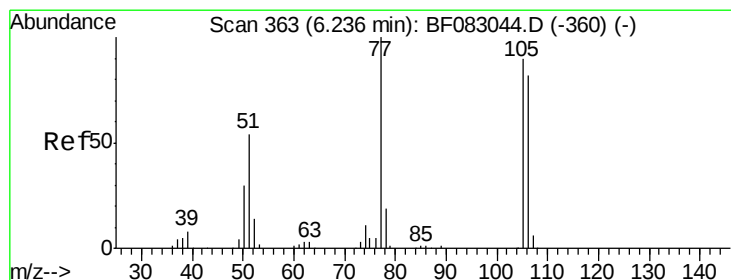
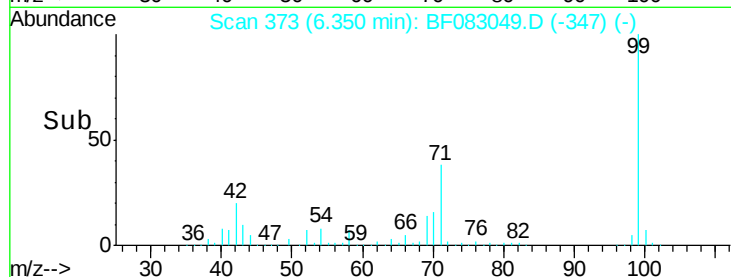
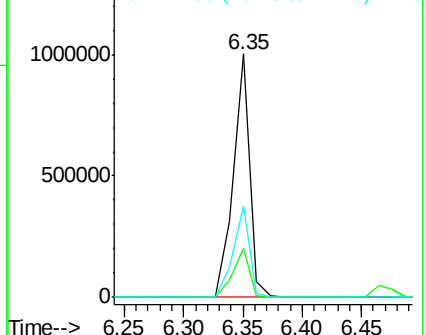
71 37.6 29.2 43.8



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: 2.55 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.24 min

Lab File: BF083049.D

Acq: 19 Nov 2015 22:06

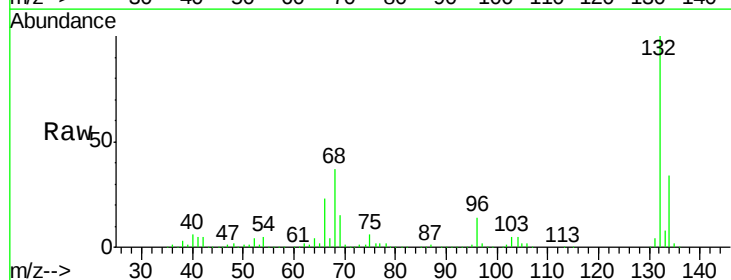
Tgt Ion: 77 Resp: 20529

Ion Ratio Lower Upper

77 100

105 83.3 69.6 109.6

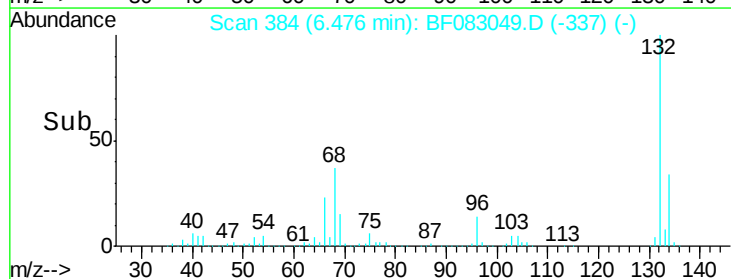
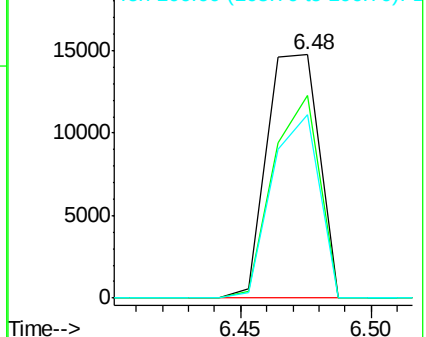
106 75.3 62.0 102.0

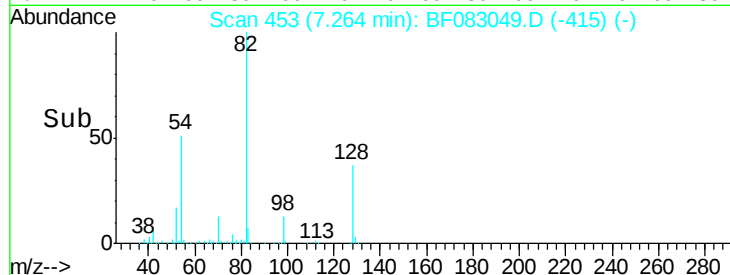
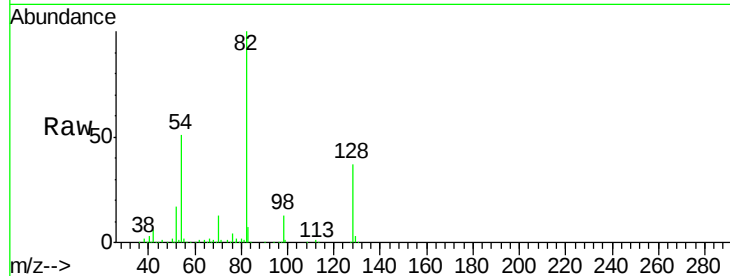
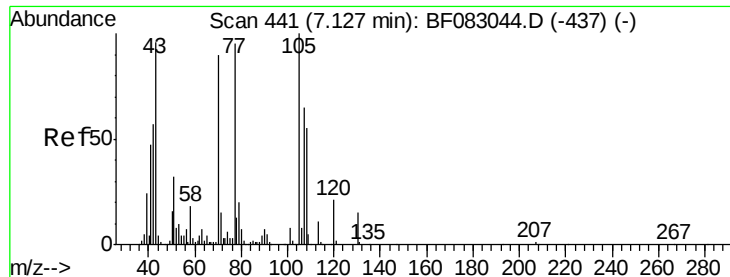


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

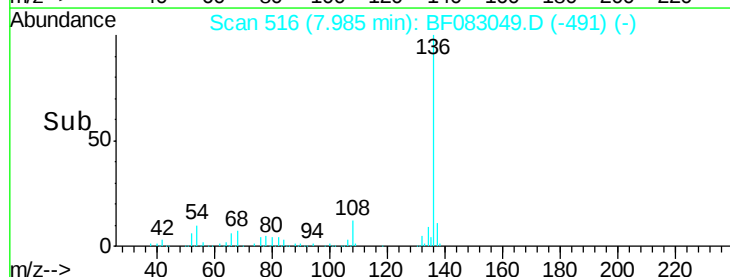
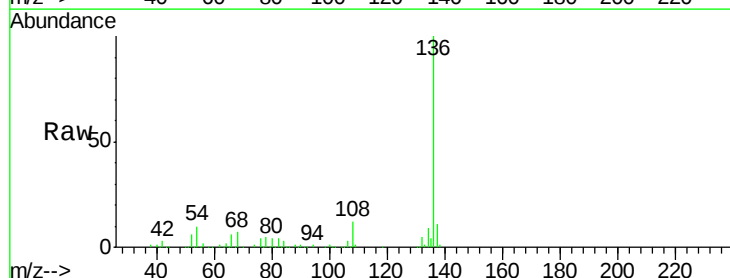
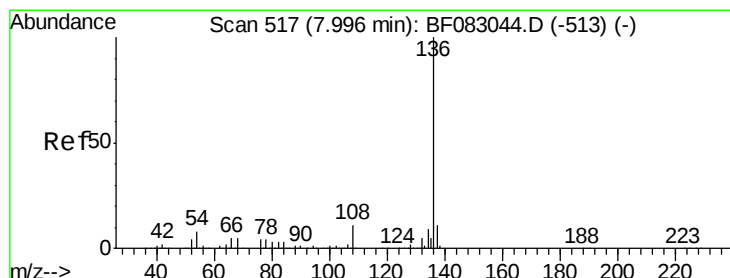
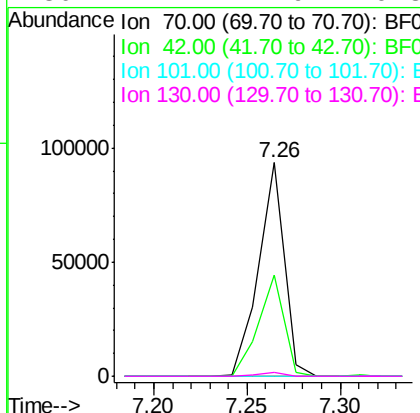




#19
n-Nitroso-di-n-propylamine
Concen: 12.23 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083049.D
Acq: 19 Nov 2015 22:06

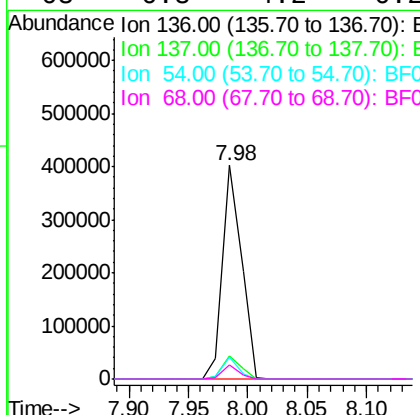
Instrument :
BNA_F
ClientSampleId :
PB86753BL

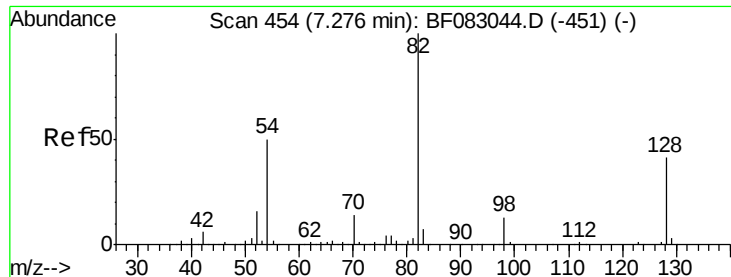
Tgt Ion: 70 Resp: 88903
Ion Ratio Lower Upper
70 100
42 47.4 50.2 75.2#
101 0.0 6.8 10.2#
130 1.7 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083049.D
Acq: 19 Nov 2015 22:06

Tgt Ion: 136 Resp: 445390
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 6.2 9.2#
68 6.8 4.2 6.2#

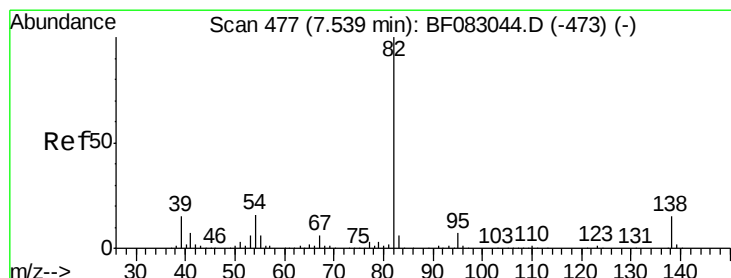
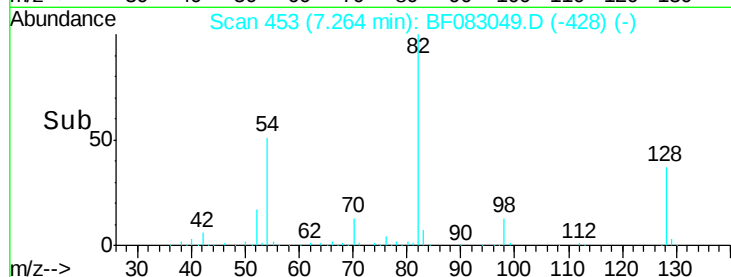
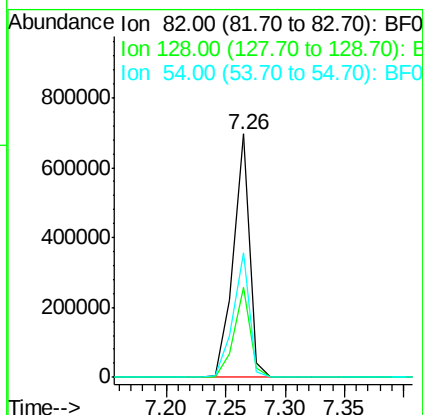
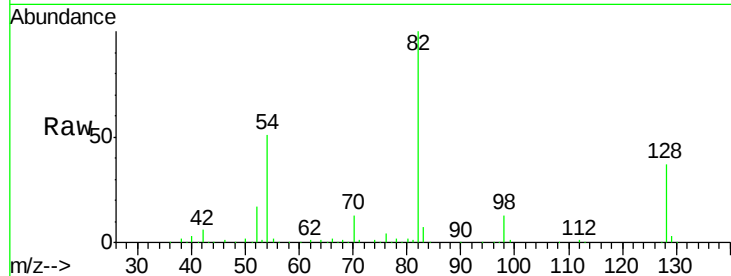




#23
 Nitrobenzene-d5
 Concen: 68.09 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

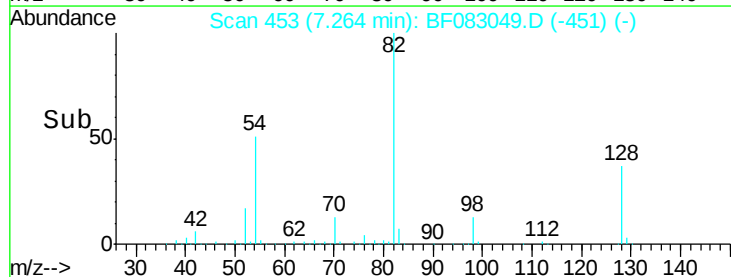
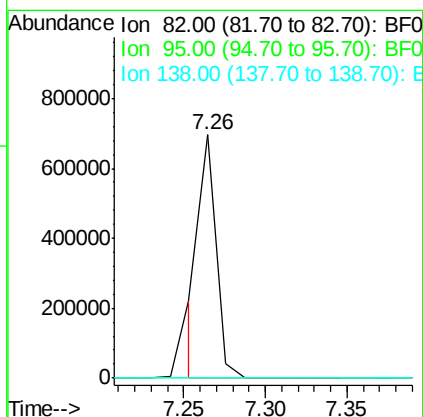
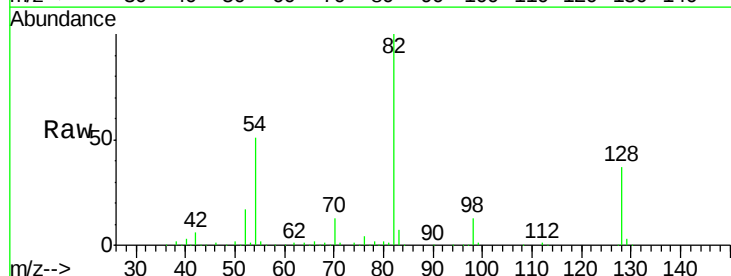
Instrument :
 BNA_F
 ClientSampleId :
 PB86753BL

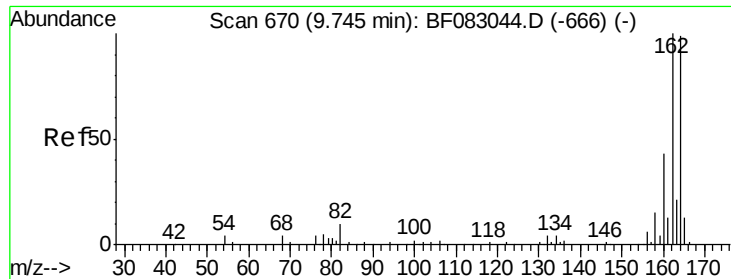
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.9	33.1	49.7
54	51.2	39.8	59.6



#25
 Isophorone
 Concen: 27.76 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.27 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083049.D

Acq: 19 Nov 2015 22:06

Instrument :

BNA_F

ClientSampleId :

PB86753BL

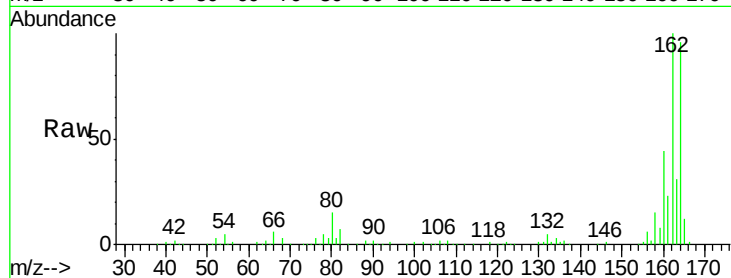
Tgt Ion:164 Resp: 243969

Ion Ratio Lower Upper

164 100

162 104.5 80.5 120.7

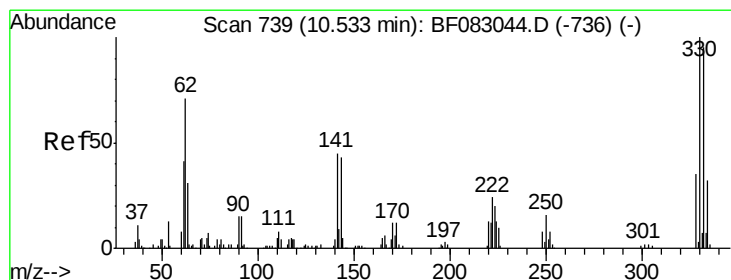
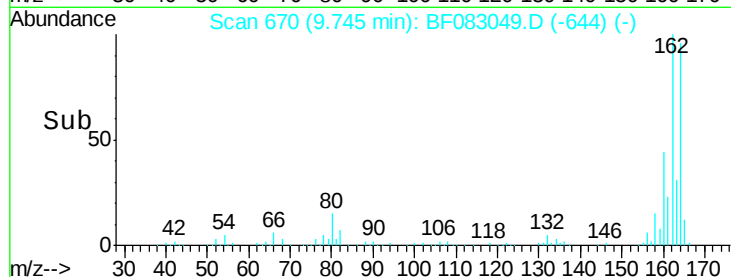
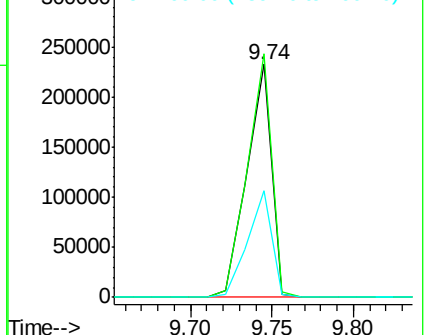
160 45.8 35.0 52.4



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: 109.79 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083049.D

Acq: 19 Nov 2015 22:06

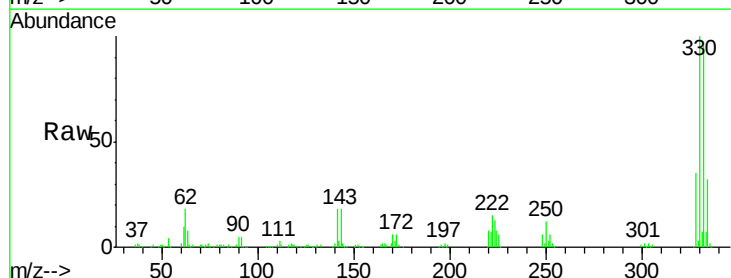
Tgt Ion:330 Resp: 284390

Ion Ratio Lower Upper

330 100

332 94.8 77.6 116.4

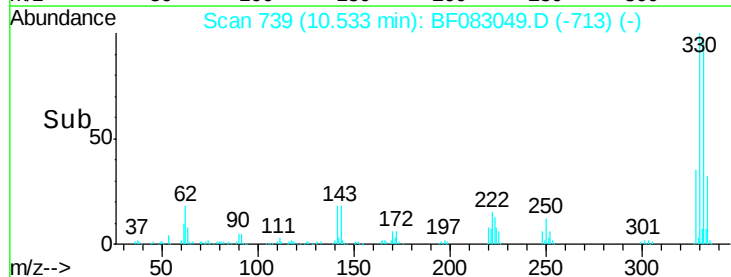
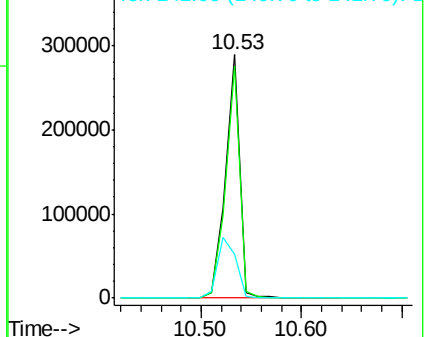
141 32.4 34.6 52.0#

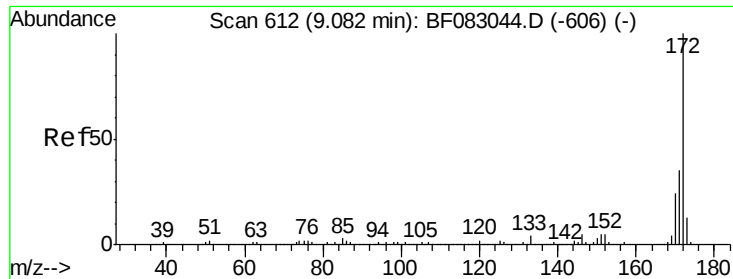


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

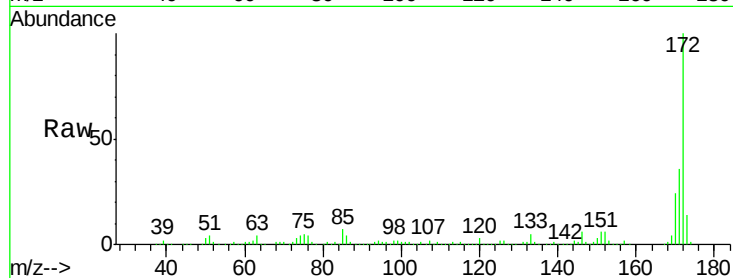




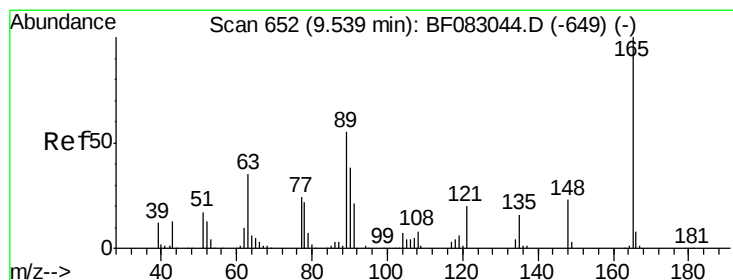
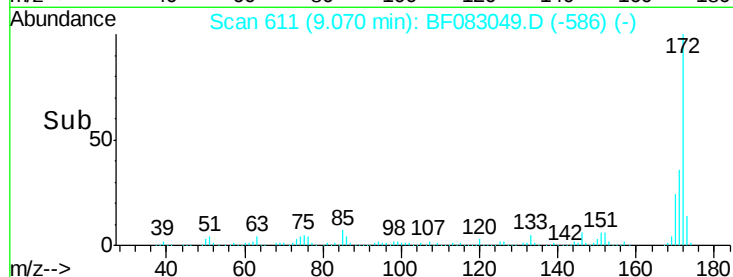
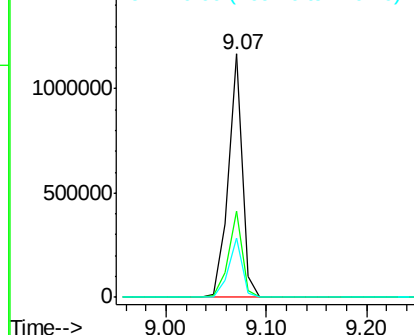
#44
2-Fluorobiphenyl
Concen: 62.06 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083049.D
Acq: 19 Nov 2015 22:06

Instrument :
BNA_F
ClientSampleId :
PB86753BL

Tgt Ion:172 Resp: 1124118
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 24.2 19.4 29.0

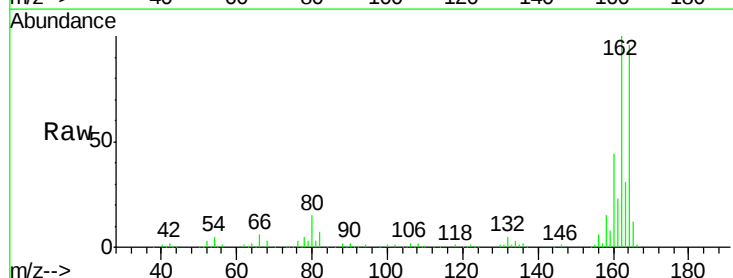


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

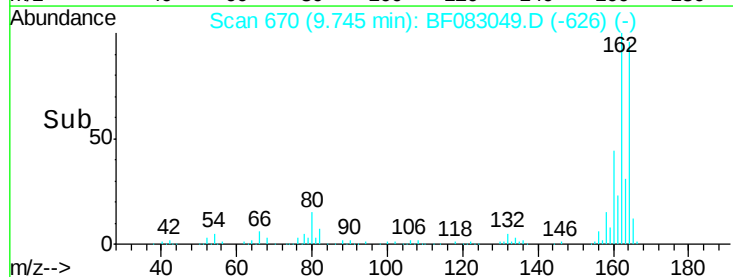
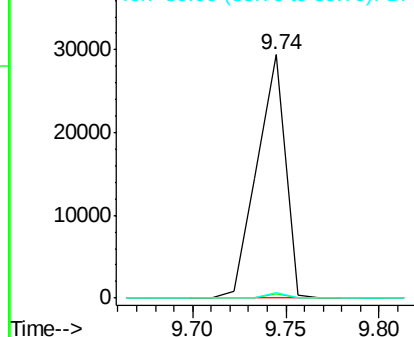


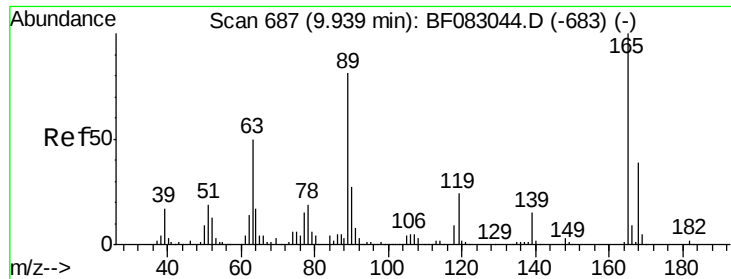
#50
2,6-Dinitrotoluene
Concen: 7.14 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.21 min
Lab File: BF083049.D
Acq: 19 Nov 2015 22:06

Tgt Ion:165 Resp: 30897
Ion Ratio Lower Upper
165 100
63 1.5 40.6 61.0#
89 2.2 44.5 66.7#



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

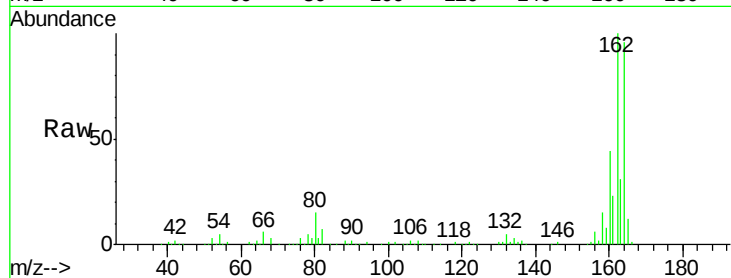




#56
 2,4-Dinitrotoluene
 Concen: 5.33 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.19 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.6	61.0#
89	2.2	64.4	96.6#
182	0.0	1.6	2.4#

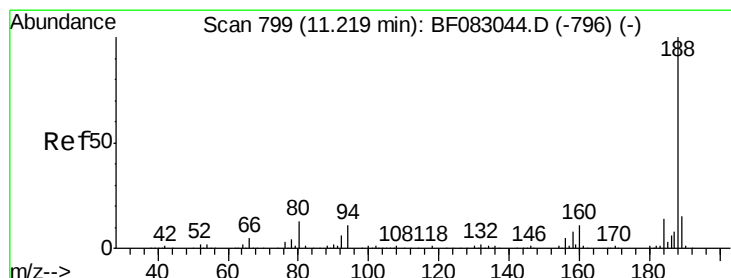
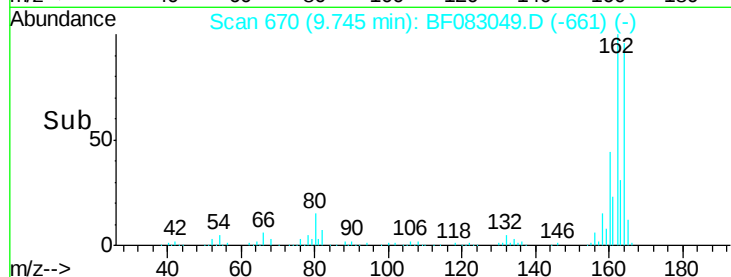
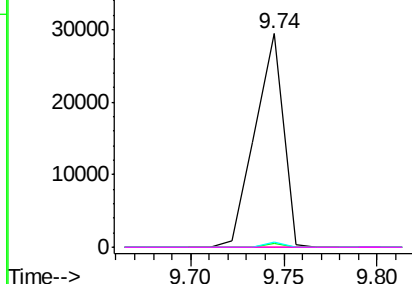


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

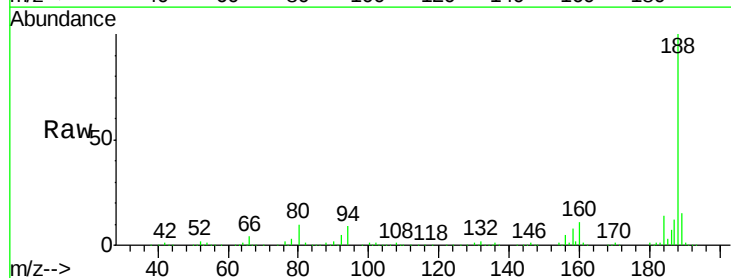
Ion 89.00 (88.70 to 89.70): BF0

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: BF083049.D
 Acq: 19 Nov 2015 22:06

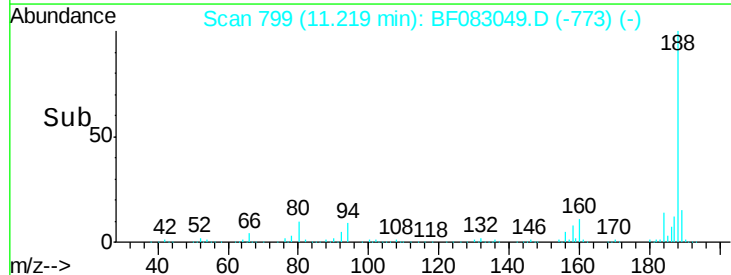
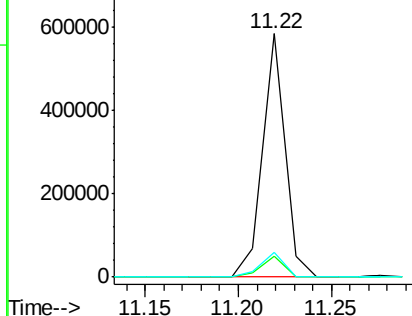
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.4#
80	10.3	10.2	15.4

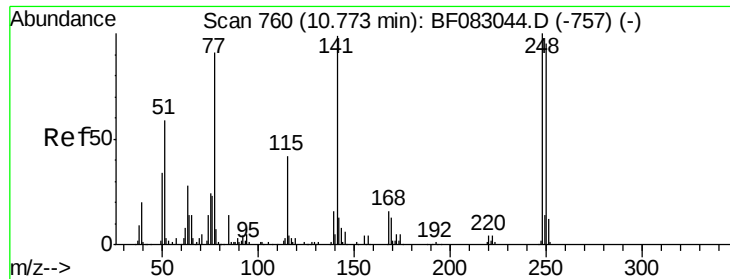


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

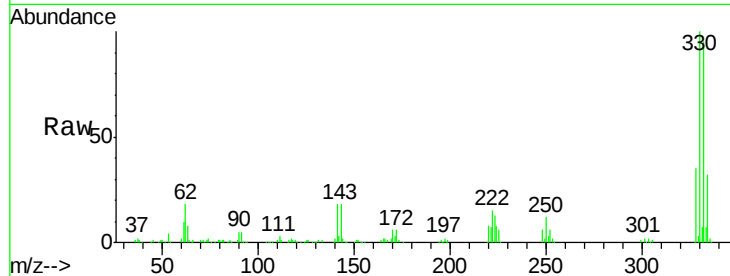




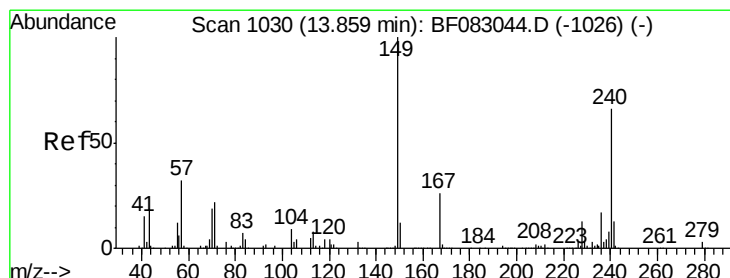
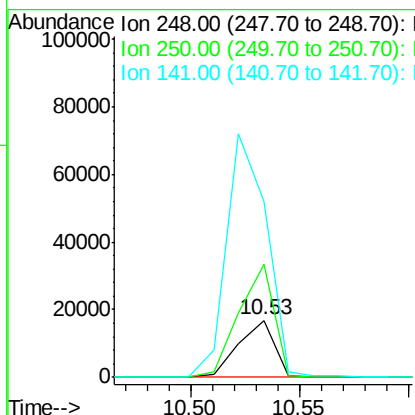
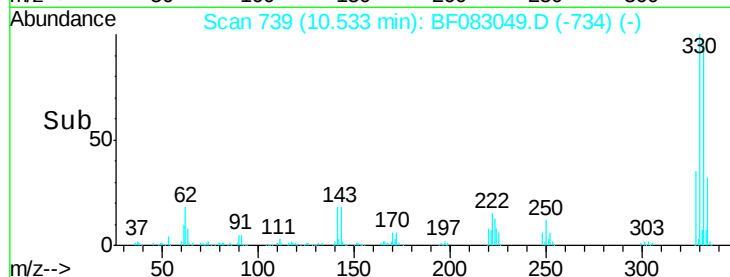
#66
 4-Bromophenyl-phenylether
 Concen: 3.45 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.24 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

Instrument :
 BNA_F
 ClientSampleId :
 PB86753BL

Tgt Ion:248 Resp: 19397
 Ion Ratio Lower Upper
 248 100
 250 198.6 76.1 114.1#
 141 306.9 79.2 118.8#

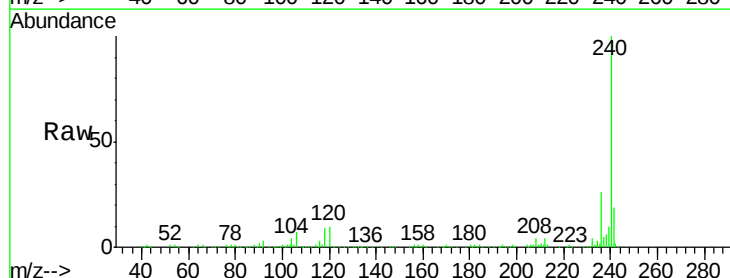


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

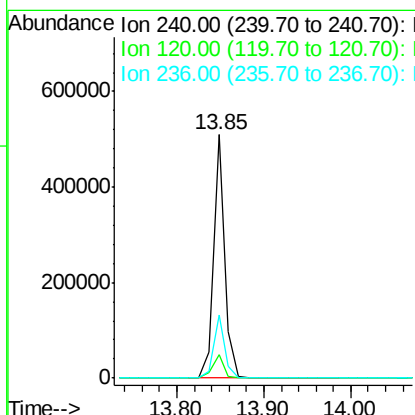
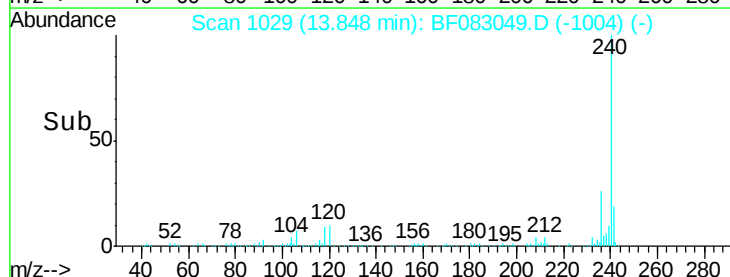


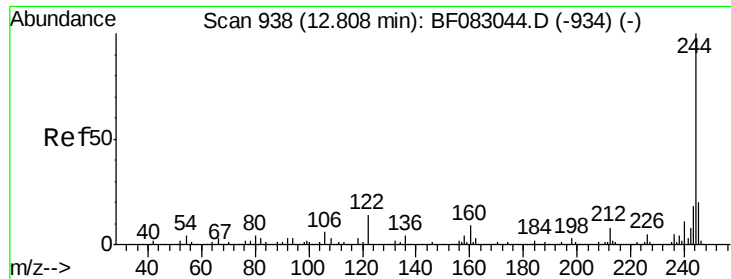
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

Tgt Ion:240 Resp: 461362
 Ion Ratio Lower Upper
 240 100
 120 9.7 5.3 7.9#
 236 25.9 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

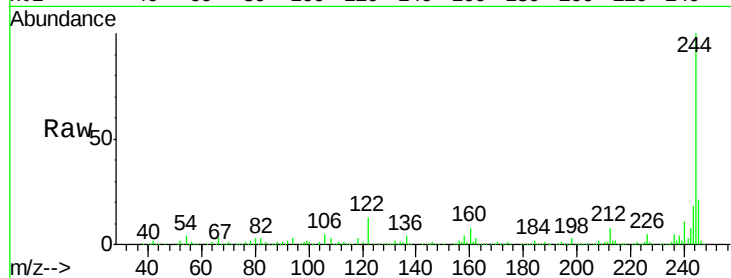




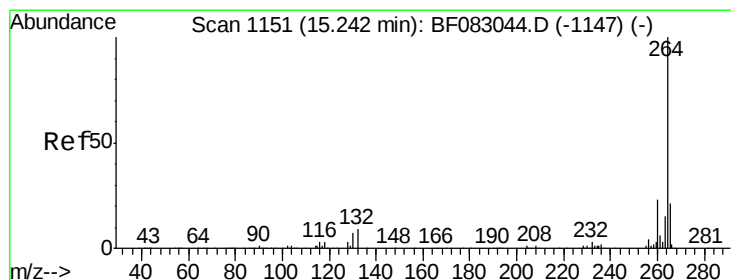
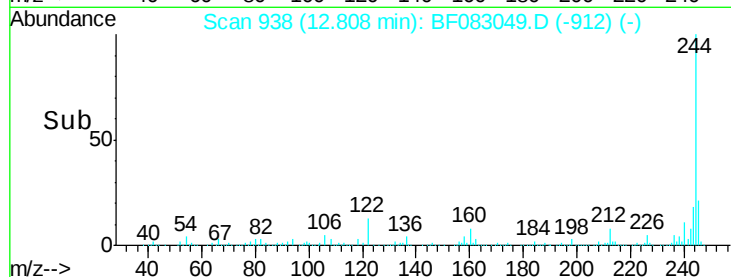
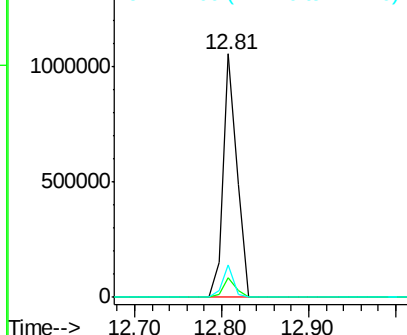
#78
 Terphenyl-d14
 Concen: 59.86 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

Instrument :
 BNA_F
 ClientSampled :
 PB86753BL

Tgt Ion:244 Resp: 1169789
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 13.4 10.9 16.3

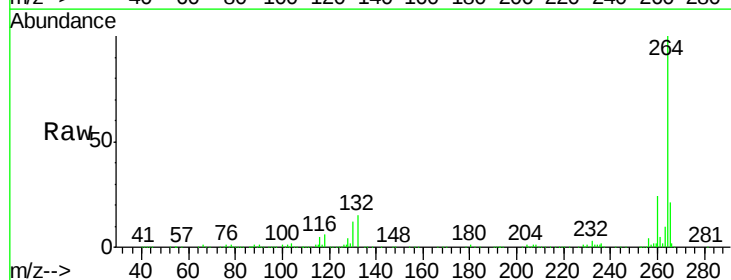


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083049.D
 Acq: 19 Nov 2015 22:06

Tgt Ion:264 Resp: 395031
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.1 17.0 25.6



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

