

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084840.D
 Acq On : 4 Feb 2016 20:40
 Operator : SJ/IZ
 Sample : H1320-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(30-32)

Quant Time: Feb 05 01:39:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

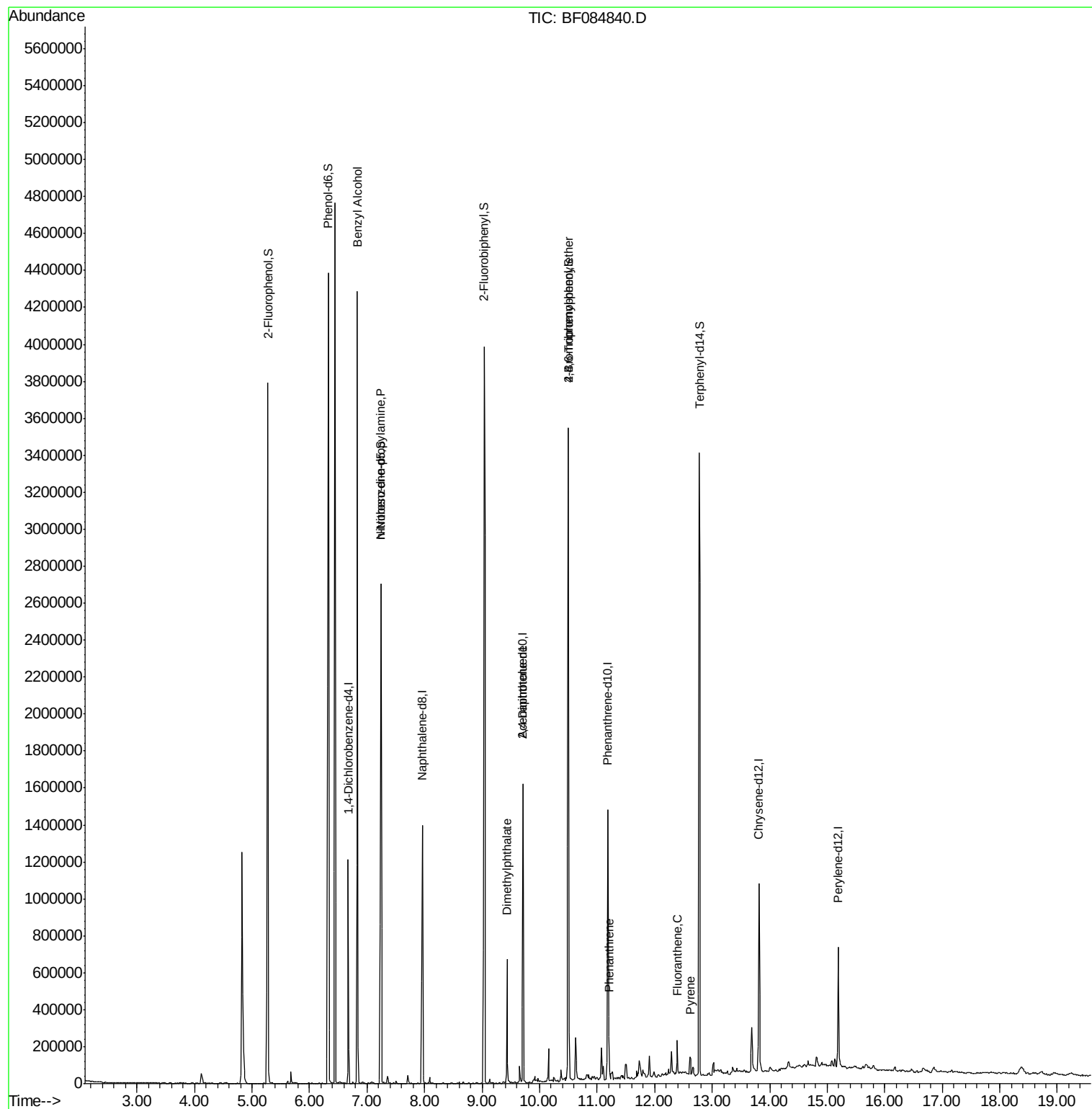
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	157695	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	688714	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	313518	20.00	ng	-0.02
63) Phenanthrene-d10	11.18	188	508895	20.00	ng	-0.02
75) Chrysene-d12	13.81	240	360626	20.00	ng	-0.02
86) Perylene-d12	15.19	264	326942	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1501439	148.30	ng	0.00
7) Phenol-d6	6.33	99	1629354	129.82	ng	-0.01
23) Nitrobenzene-d5	7.24	82	1017278	83.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	399083	122.03	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	1807803	105.74	ng	-0.02
78) Terphenyl-d14	12.77	244	1495200	93.95	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.83	79	20283	2.34	ng	# 44
19) n-Nitroso-di-n-propylamine	7.24	70	141402	17.97	ng	# 71
49) Dimethylphthalate	9.44	163	241990	10.13	ng	# 90
56) 2,4-Dinitrotoluene	9.71	165	40260	6.05	ng	# 21
66) 4-Bromophenyl-phenylether	10.50	248	26998	4.80	ng	# 1
70) Phenanthrene	11.21	178	81433	2.89	ng	99
74) Fluoranthene	12.40	202	71848	2.52	ng	93
77) Pyrene	12.62	202	60436	2.19	ng	97

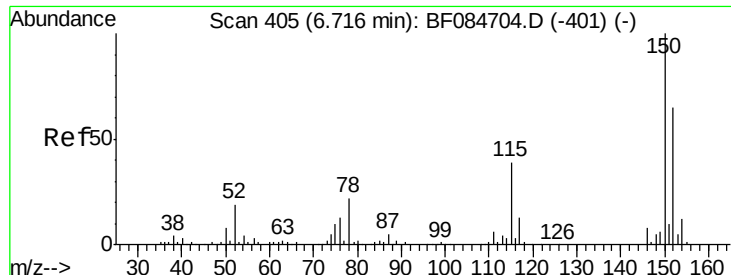
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Instrument :

BNA_F

ClientSampleId :

S4-B012(30-32)

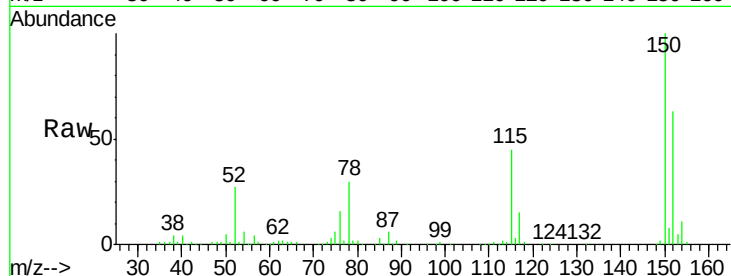
Tgt Ion:152 Resp: 157695

Ion Ratio Lower Upper

152 100

150 159.4 123.0 184.4

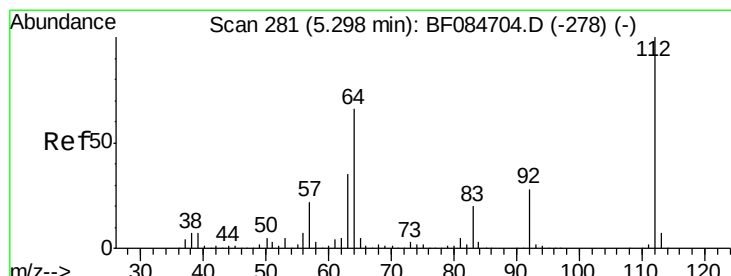
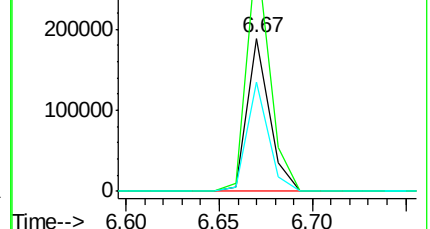
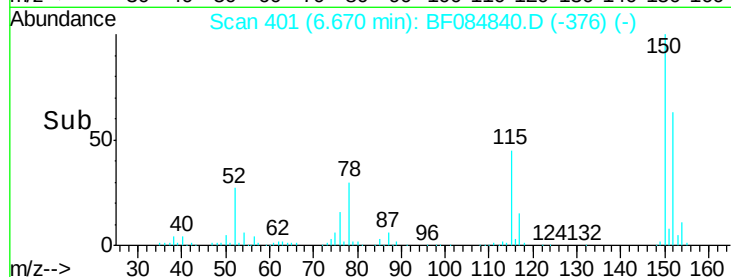
115 71.8 51.4 77.2



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: 148.30 ng

RT: 5.28 min Scan# 279

Delta R.T. -0.00 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

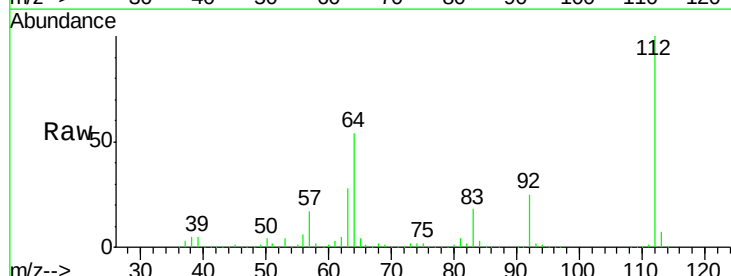
Tgt Ion:112 Resp: 1501439

Ion Ratio Lower Upper

112 100

64 53.6 36.6 55.0

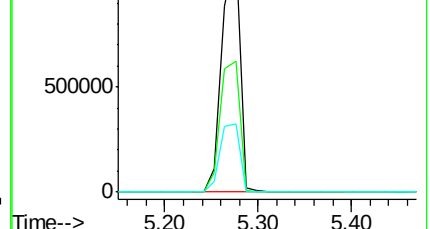
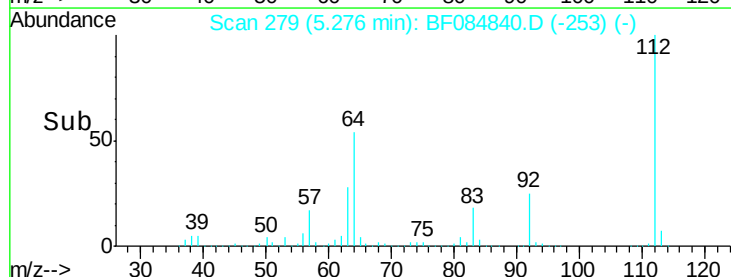
63 28.2 19.4 29.0

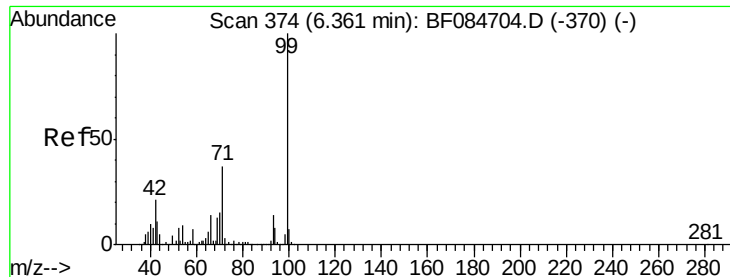


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.82 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Instrument :

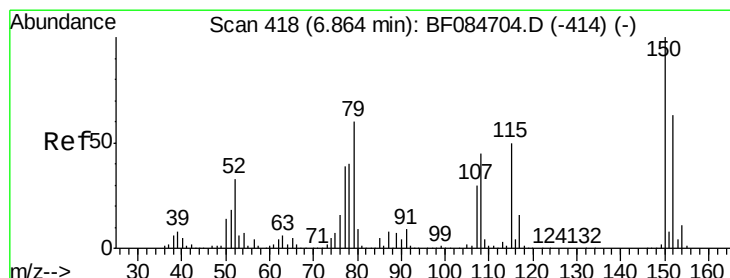
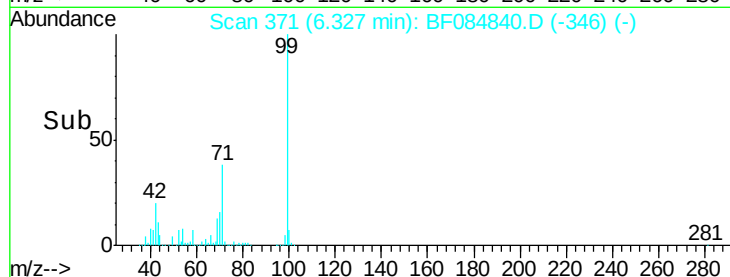
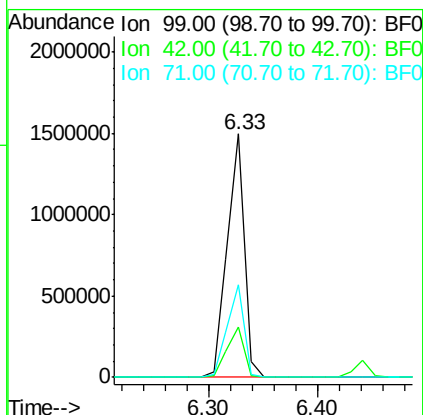
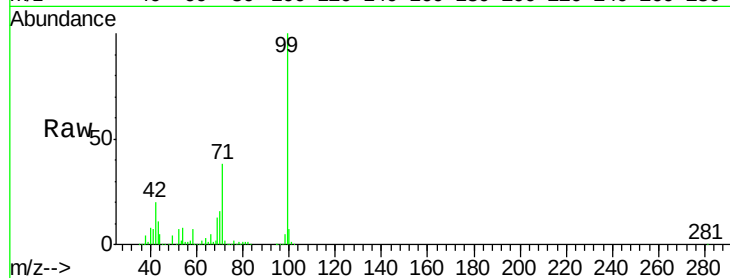
BNA_F

ClientSampleId :

S4-B012(30-32)

Tgt Ion: 99 Resp: 1629354

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.9	30.9	46.3



#15

Benzyl Alcohol

Concen: 2.34 ng

RT: 6.83 min Scan# 415

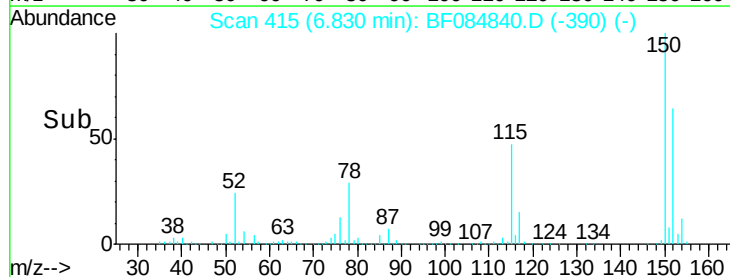
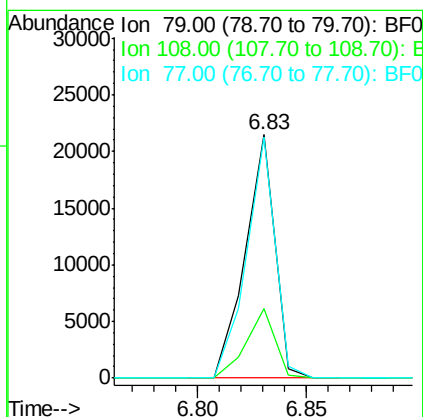
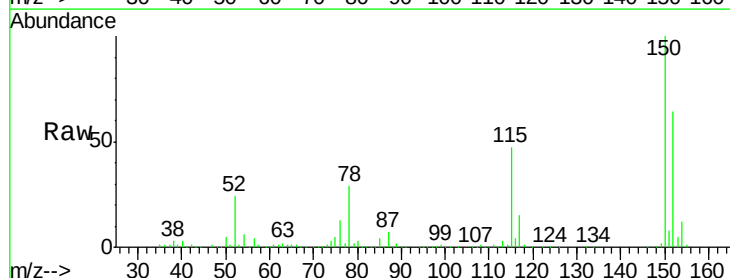
Delta R.T. -0.01 min

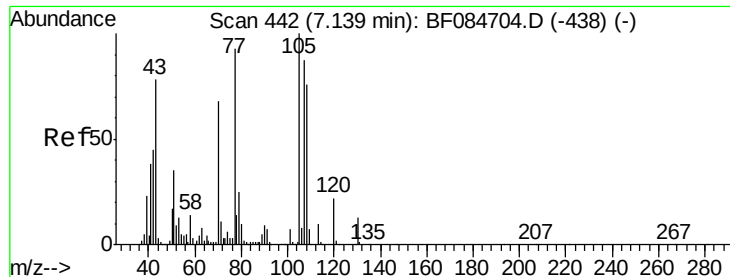
Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Tgt Ion: 79 Resp: 20283

Ion	Ratio	Lower	Upper
79	100		
108	28.6	69.0	103.4#
77	99.0	50.0	75.0#

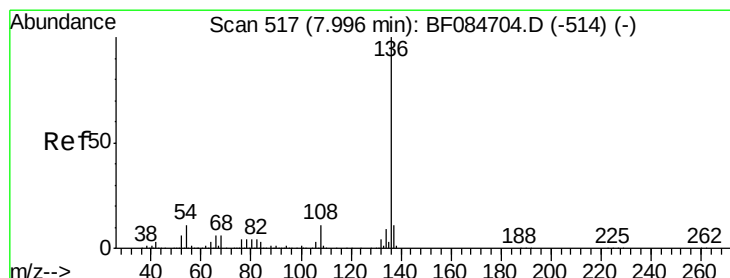
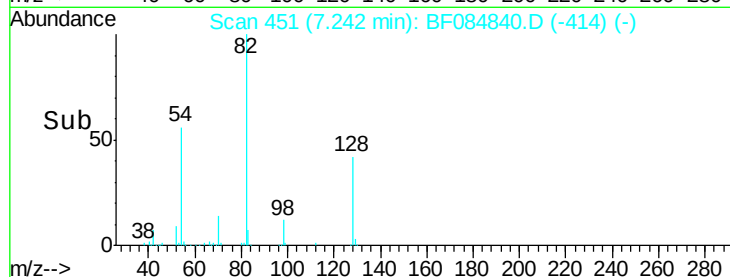
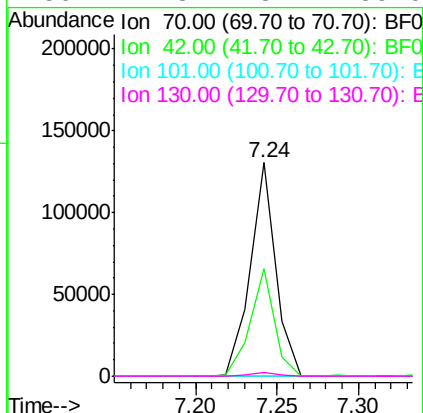
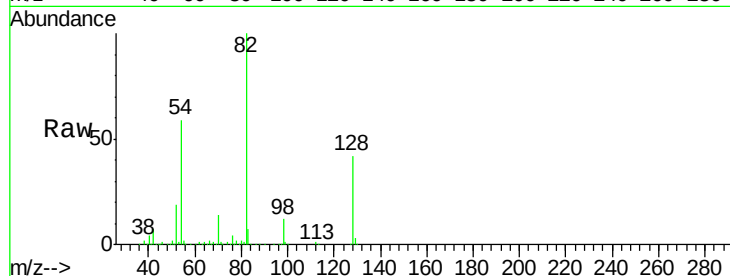




#19
n-Nitroso-di-n-propylamine
Concen: 17.97 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.13 min
Lab File: BF084840.D
Acq: 4 Feb 2016 20:40

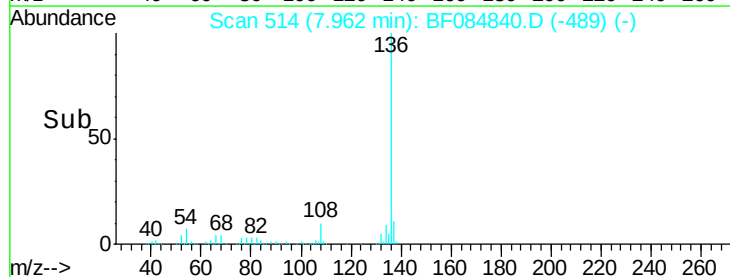
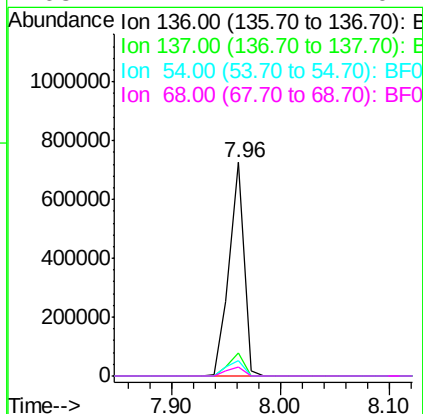
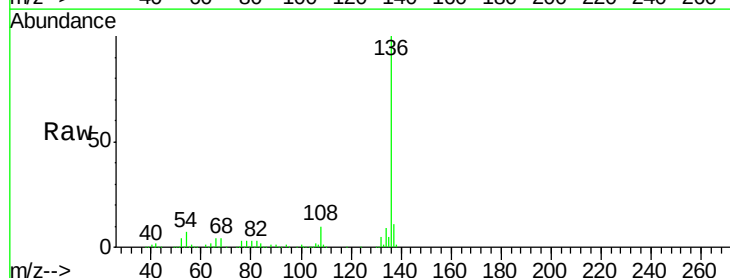
Instrument :
BNA_F
ClientSampleId :
S4-B012(30-32)

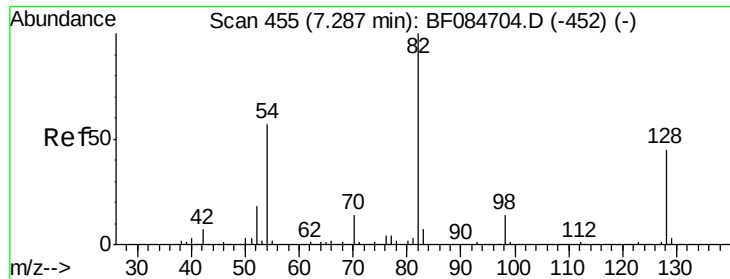
Tgt Ion: 70 Resp: 141402
Ion Ratio Lower Upper
70 100
42 50.2 33.3 49.9#
101 0.0 9.3 13.9#
130 1.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084840.D
Acq: 4 Feb 2016 20:40

Tgt Ion:136 Resp: 688714
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.0 5.8 8.8
68 4.1 4.2 6.2#

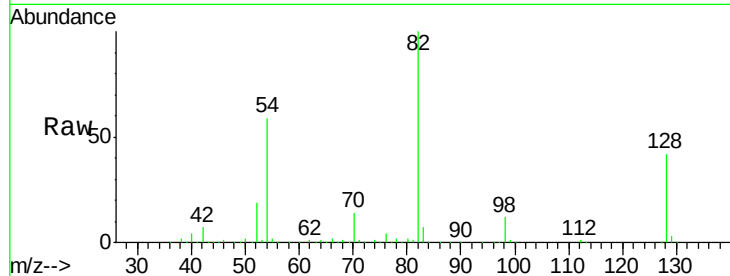




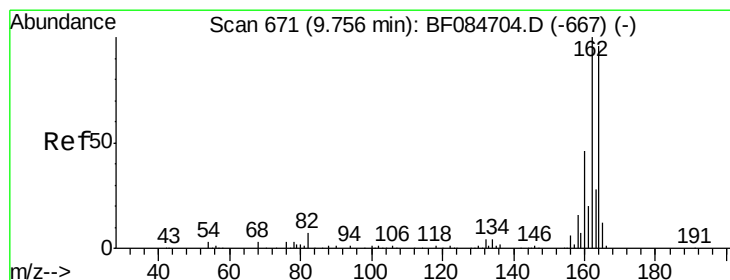
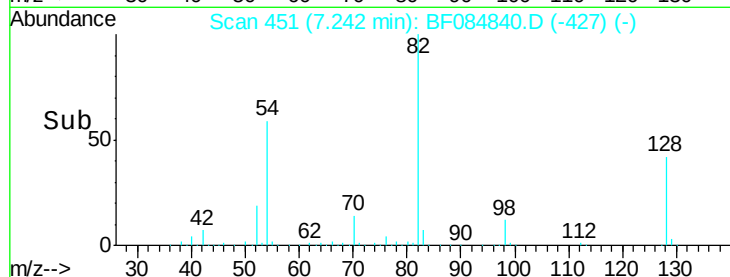
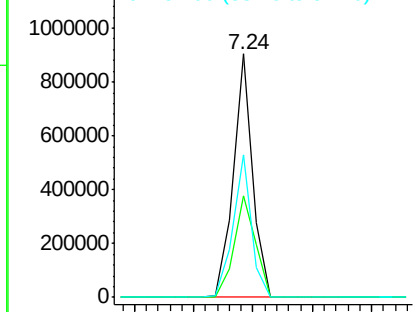
#23
 Nitrobenzene-d5
 Concen: 83.21 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084840.D
 Acq: 4 Feb 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(30-32)

Tgt Ion: 82 Resp: 1017278
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.6 51.8
 54 58.5 38.4 57.6#

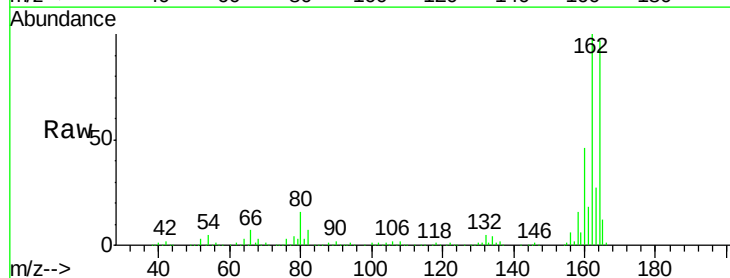


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

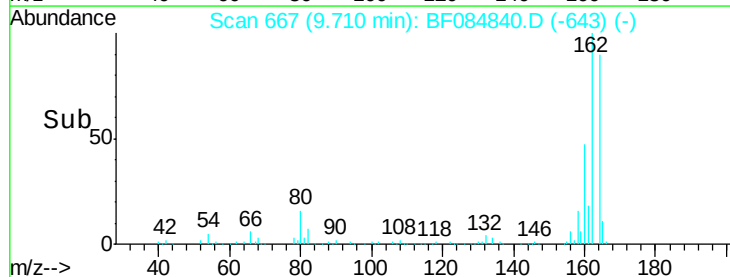
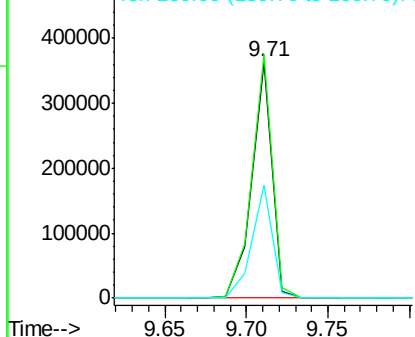


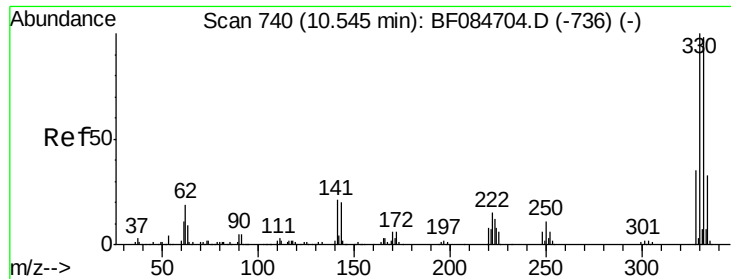
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084840.D
 Acq: 4 Feb 2016 20:40

Tgt Ion: 164 Resp: 313518
 Ion Ratio Lower Upper
 164 100
 162 102.9 85.1 127.7
 160 47.6 37.5 56.3



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

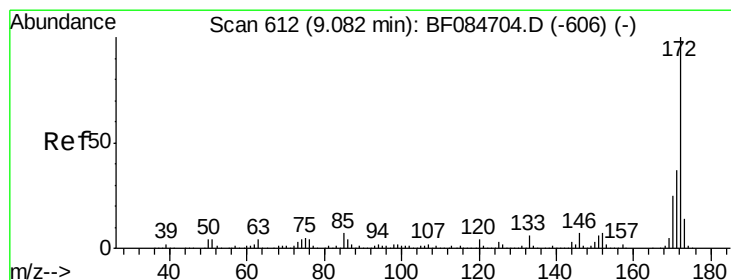
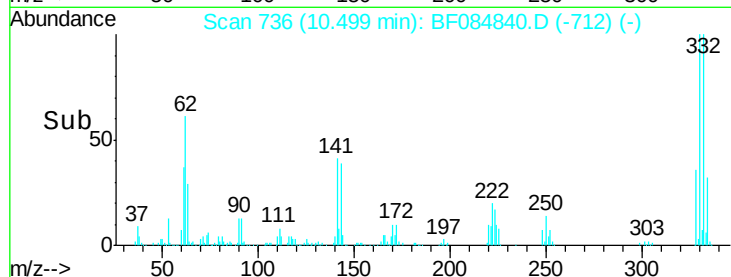
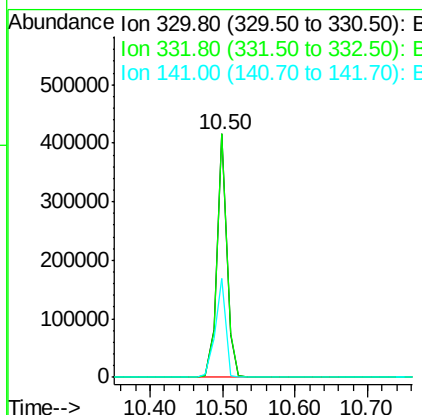
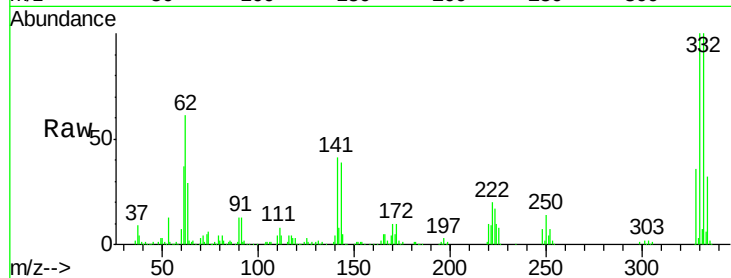




#41
 2,4,6-Tribromophenol
 Concen: 122.03 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084840.D
 Acq: 4 Feb 2016 20:40

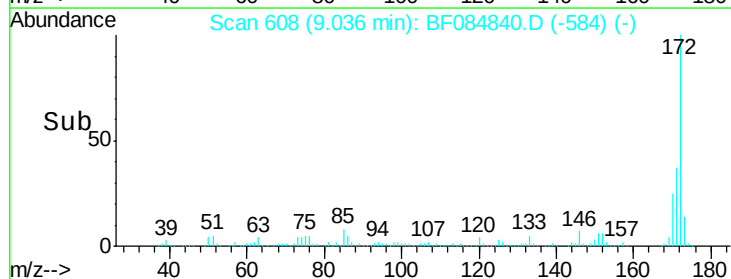
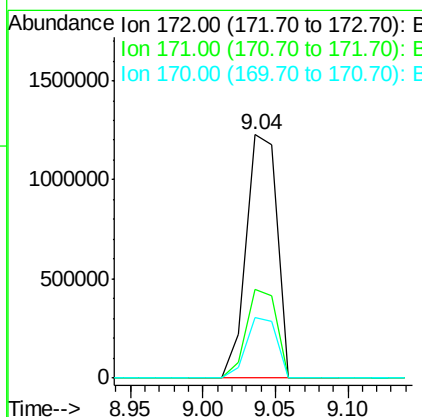
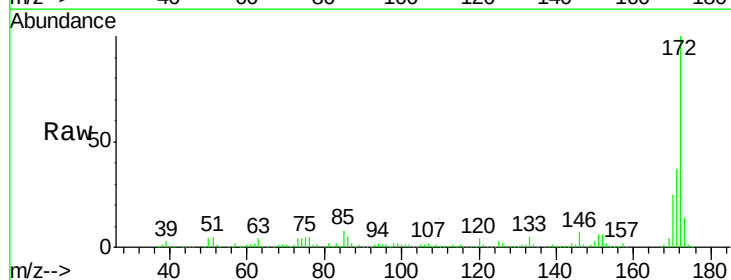
Instrument :
 BNA_F
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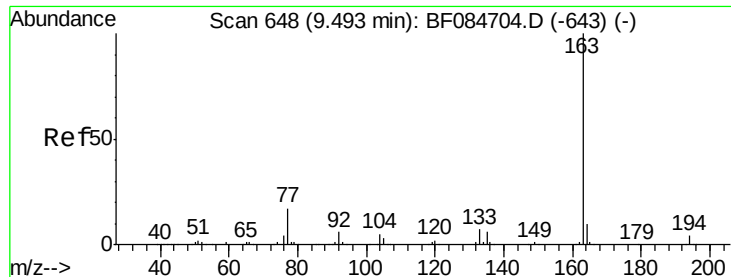
Tgt Ion:330 Resp: 399083
 Ion Ratio Lower Upper
 330 100
 332 99.6 76.6 114.8
 141 42.1 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084840.D
 Acq: 4 Feb 2016 20:40

Tgt Ion:172 Resp: 1807803
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.9 43.3
 170 24.8 18.6 27.8





#49

Dimethylphthalate

Concen: 10.13 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Instrument :

BNA_F

ClientSampleId :

S4-B012(30-32)

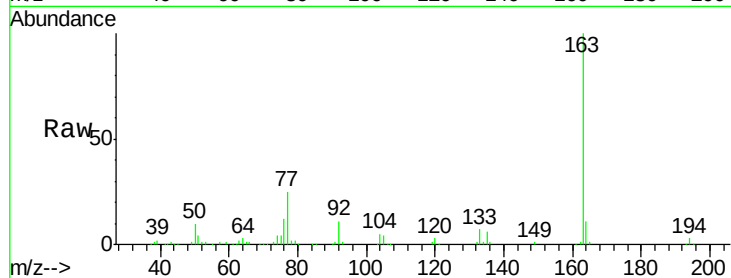
Tgt Ion:163 Resp: 241990

Ion Ratio Lower Upper

163 100

194 2.8 8.0 12.0#

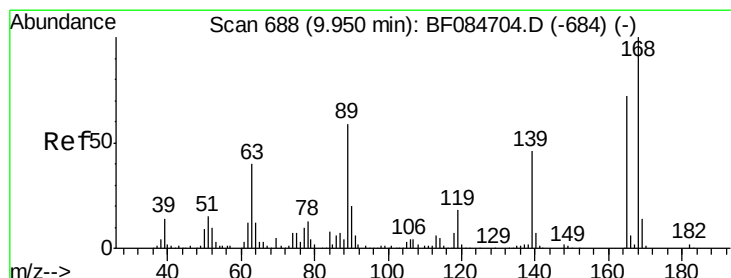
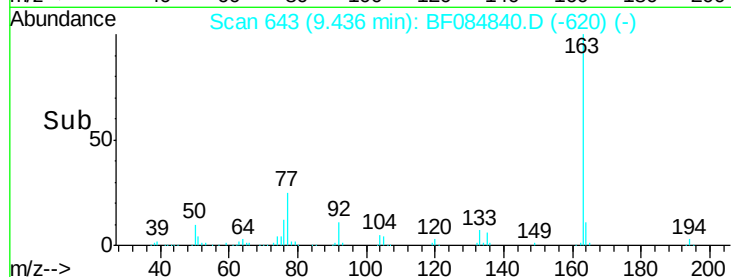
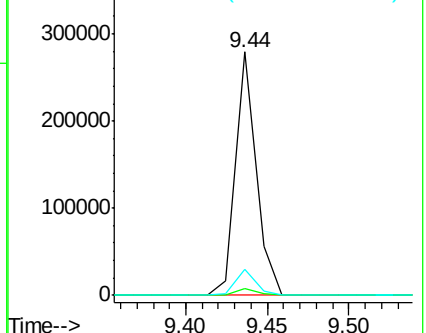
164 10.5 8.0 12.0



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: 6.05 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.22 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Tgt Ion:165 Resp: 40260

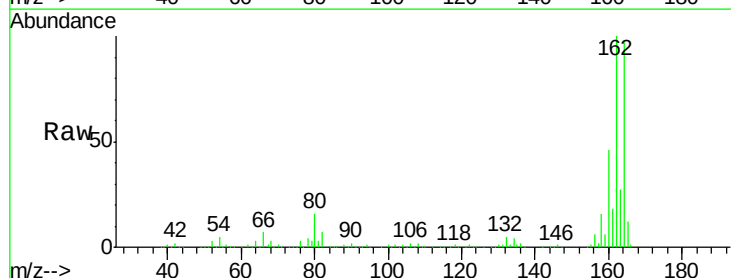
Ion Ratio Lower Upper

165 100

63 1.5 36.7 55.1#

89 1.5 61.9 92.9#

182 0.0 2.0 3.0#

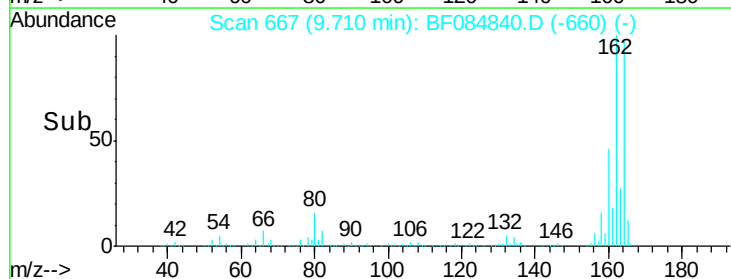
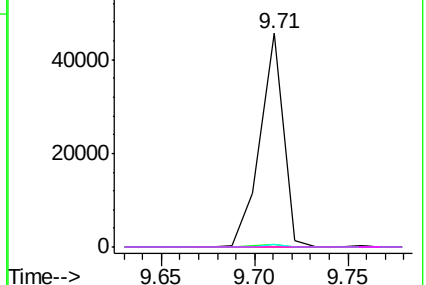


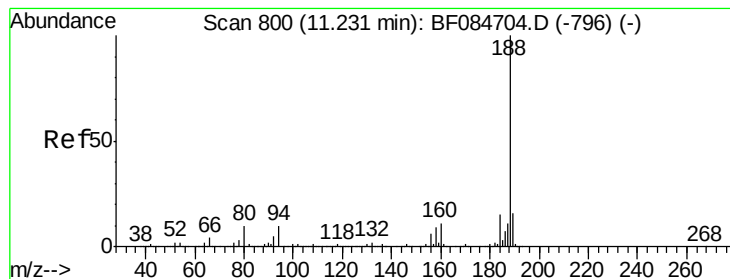
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.18 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Instrument :

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S4-B012(30-32)

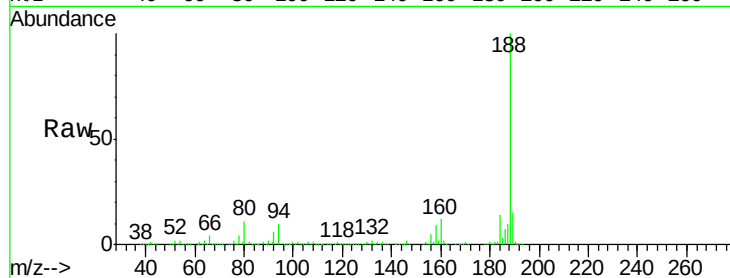
Tgt Ion:188 Resp: 508895

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

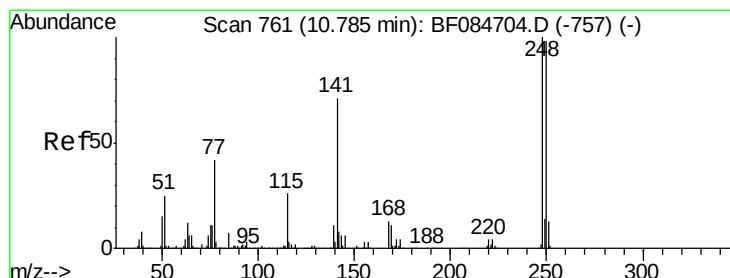
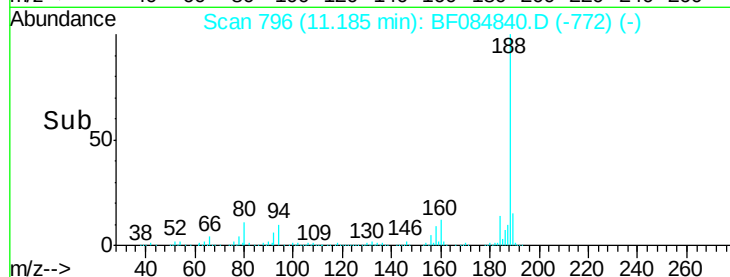
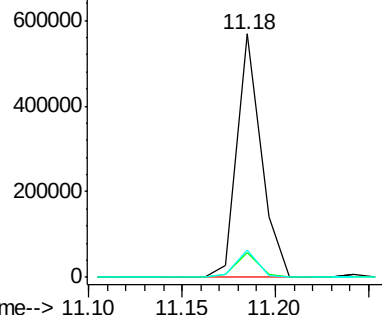
80 11.0 9.6 14.4



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: 4.80 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.26 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

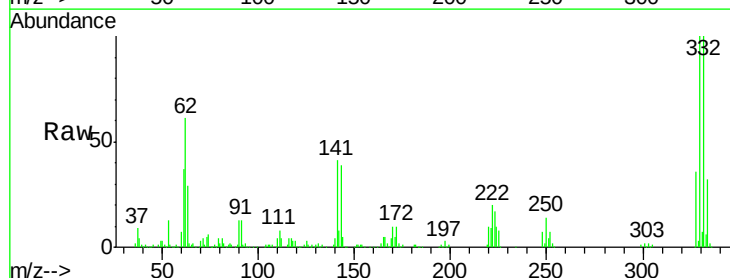
Tgt Ion:248 Resp: 26998

Ion Ratio Lower Upper

248 100

250 194.5 78.4 117.6#

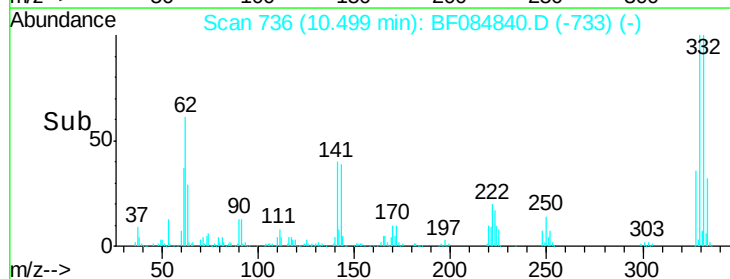
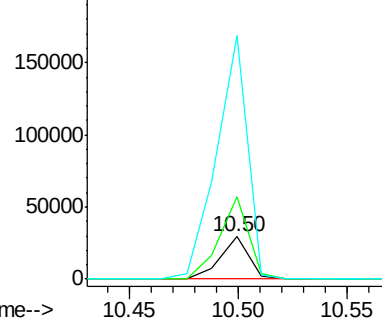
141 572.6 44.0 66.0#

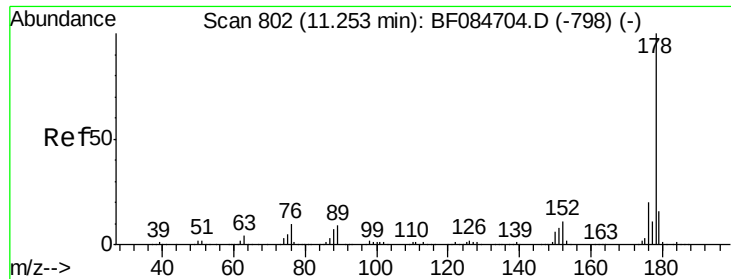


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

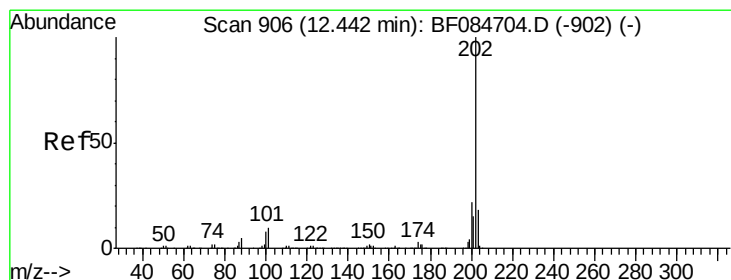
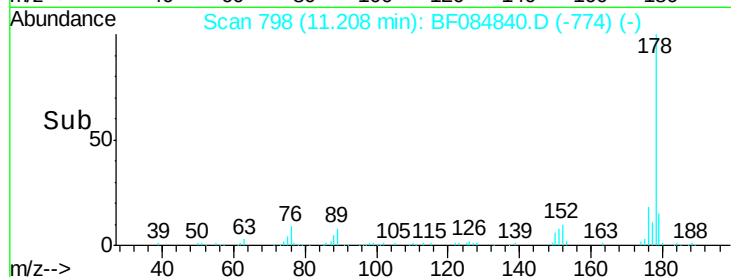
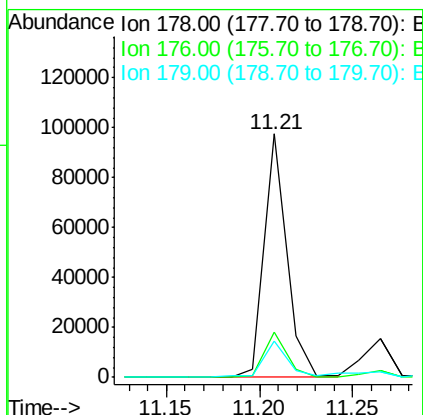
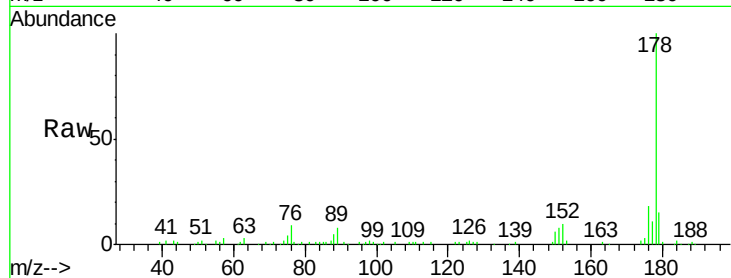




#70
Phenanthrene
Concen: 2.89 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084840.D
Acq: 4 Feb 2016 20:40

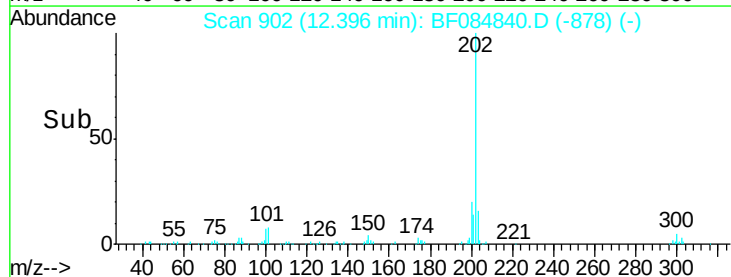
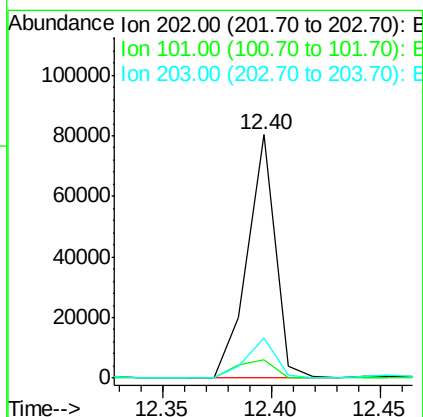
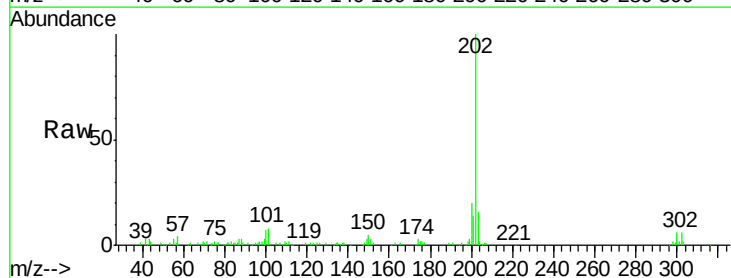
Instrument :
BNA_F
ClientSampleId :
S4-B012(30-32)

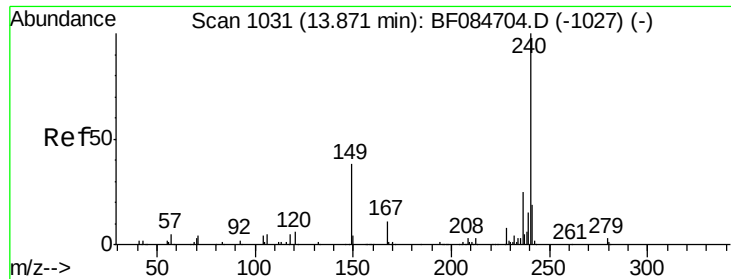
Tgt Ion:178 Resp: 81433
Ion Ratio Lower Upper
178 100
176 18.4 15.3 22.9
179 14.7 12.0 18.0



#74
Fluoranthene
Concen: 2.52 ng
RT: 12.40 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF084840.D
Acq: 4 Feb 2016 20:40

Tgt Ion:202 Resp: 71848
Ion Ratio Lower Upper
202 100
101 7.8 0.0 32.8
203 16.3 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

Instrument :

BNA_F

ClientSampleId :

S4-B012(30-32)

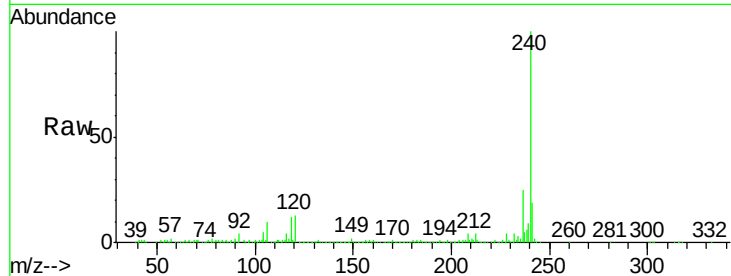
Tgt Ion:240 Resp: 360626

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

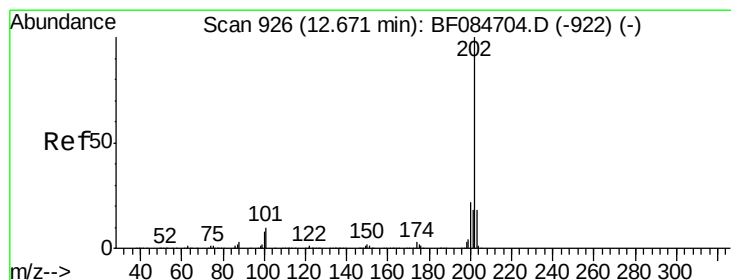
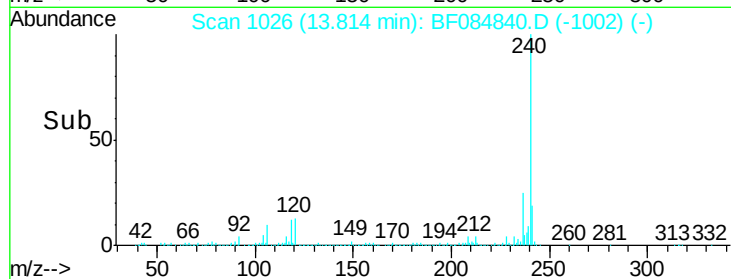
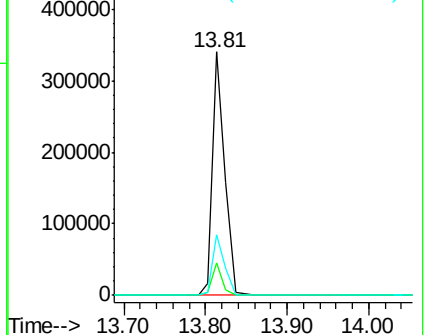
236 24.7 20.6 31.0



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



#77

Pyrene

Concen: 2.19 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF084840.D

Acq: 4 Feb 2016 20:40

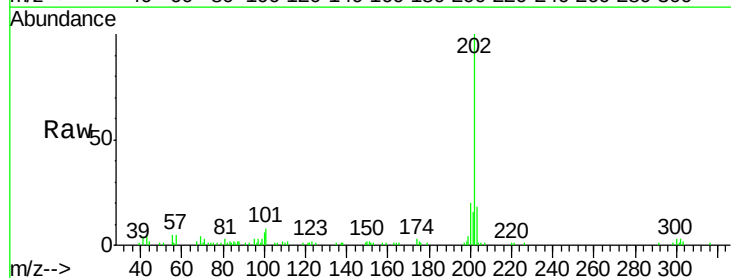
Tgt Ion:202 Resp: 60436

Ion Ratio Lower Upper

202 100

200 19.5 17.2 25.8

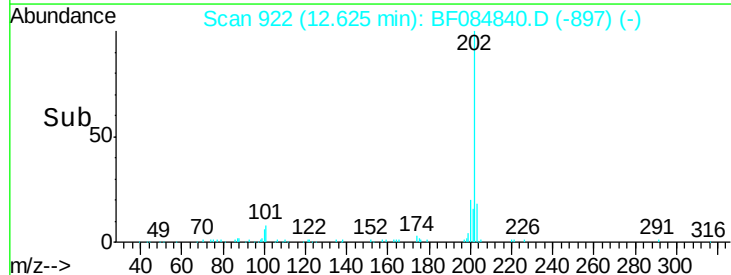
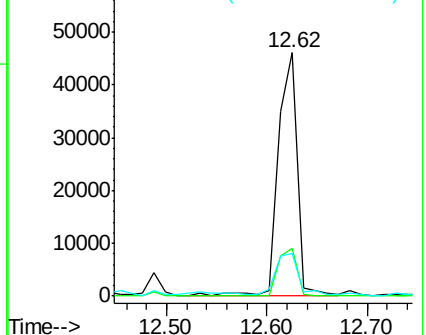
203 17.5 14.3 21.5

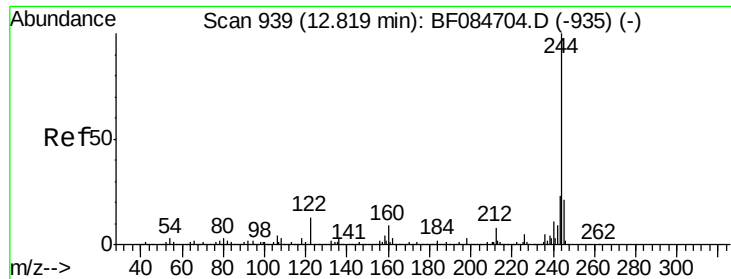


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

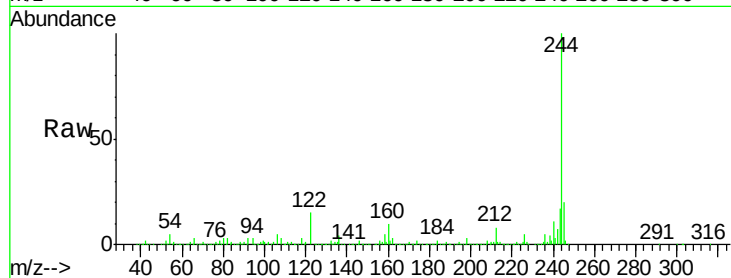




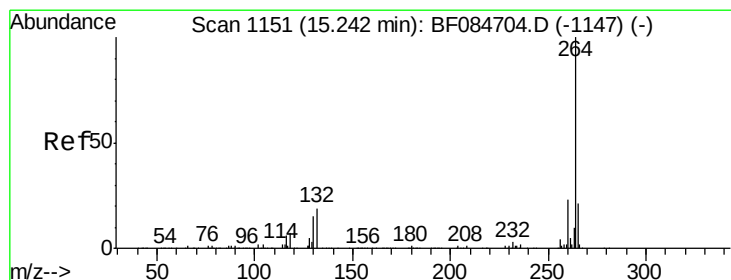
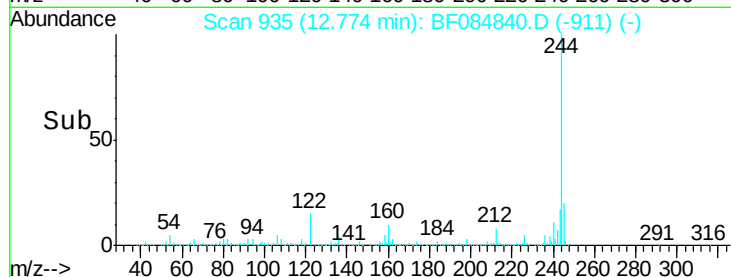
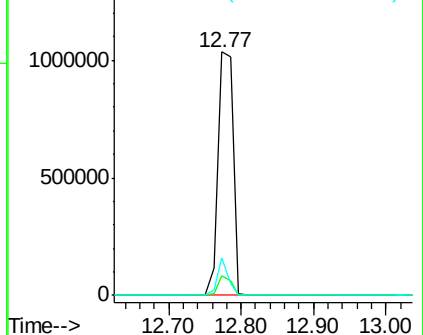
#78
 Terphenyl-d14
 Concen: 93.95 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF084840.D
 Acq: 4 Feb 2016 20:40

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(30-32)

Tgt Ion:244 Resp: 1495200
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 15.5 7.4 11.0#

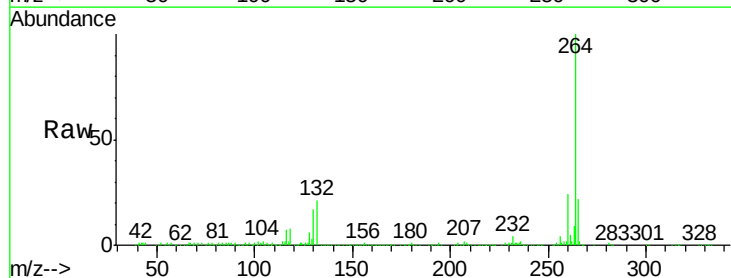


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF084840.D
 Acq: 4 Feb 2016 20:40

Tgt Ion:264 Resp: 326942
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 22.0 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

