

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088206.D
 Acq On : 21 Jun 2016 8:30
 Operator : UM/SJ
 Sample : H3580-17
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 11:50:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

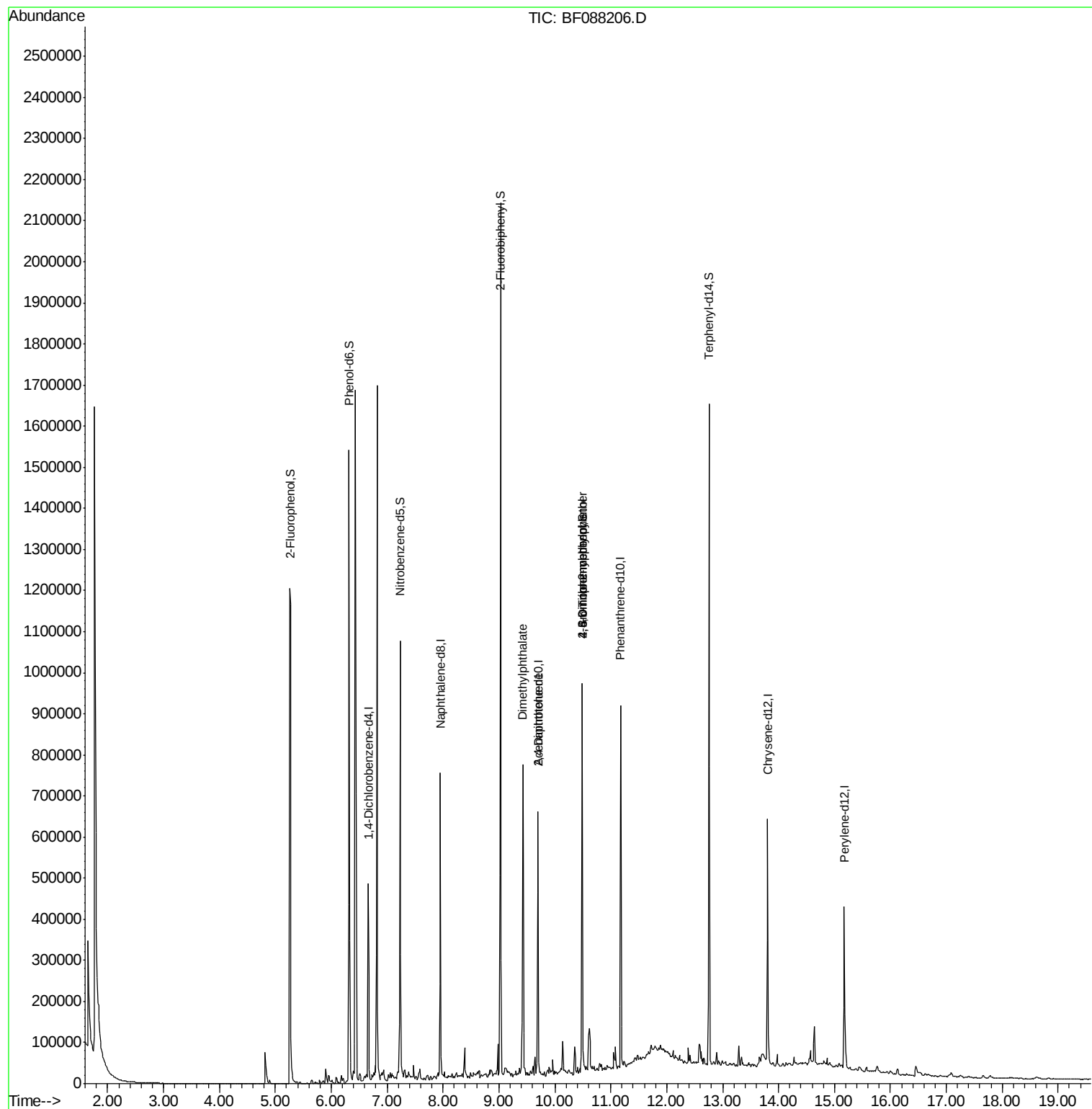
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	88748	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	363788	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	164328	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	311280	20.00	ng	0.00
75) Chrysene-d12	13.81	240	227941	20.00	ng	0.00
86) Perylene-d12	15.18	264	176034	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	577777	111.30	ng	0.01
7) Phenol-d6	6.32	99	617202	98.10	ng	-0.01
23) Nitrobenzene-d5	7.23	82	375091	60.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	162967	93.92	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	685412	64.17	ng	-0.01
78) Terphenyl-d14	12.75	244	569336	56.84	ng	-0.01
Target Compounds						
10) Phenol	6.33	94	7230	Below Cal	#	11
45) 1,1'-Biphenyl	9.03	154	1301	Below Cal	#	1
49) Dimethylphthalate	9.43	163	280554	23.57	ng	99
56) 2,4-Dinitrotoluene	9.70	165	20721	5.91	ng	36
57) Fluorene	10.25	166	1036	Below Cal	#	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	228	2.27	ng	1
66) 4-Bromophenyl-phenylether	10.49	248	10720	3.21	ng	1

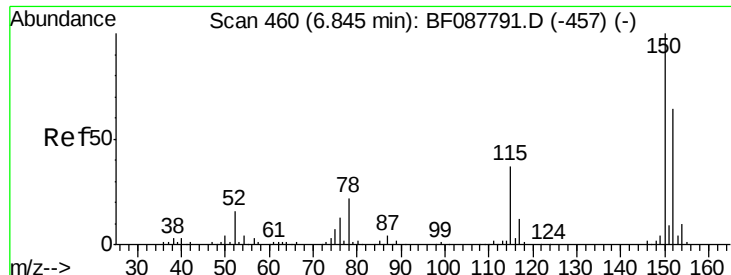
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF088206.D

Acq: 21 Jun 2016 8:30

Instrument :

BNA_F

ClientSampleId :

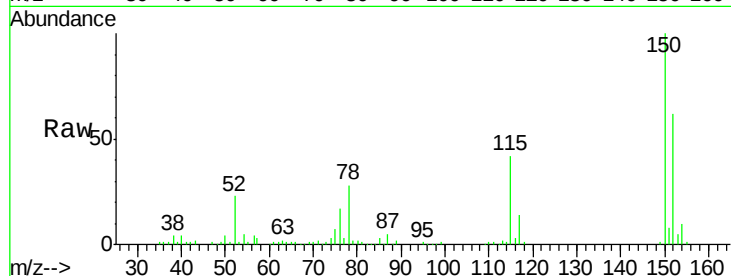
Tot Ion:152 Resp: 88748

Ion Ratio Lower Upper

152 100

150 160.2 123.8 185.6

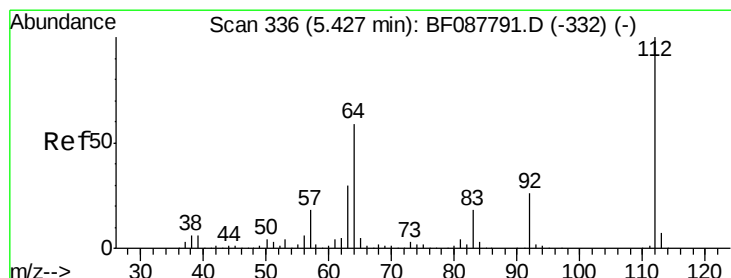
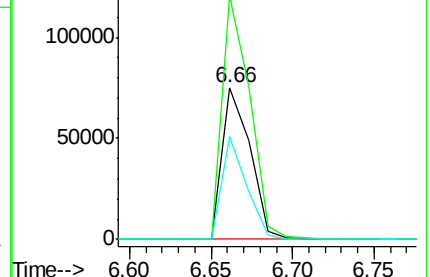
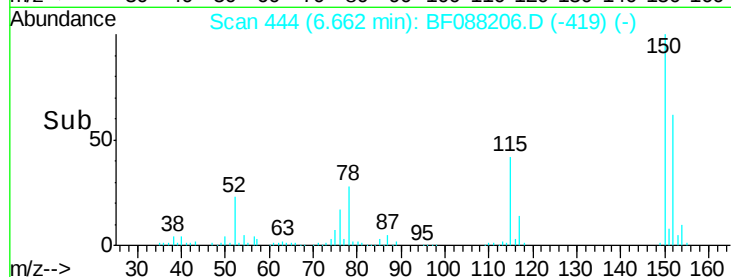
115 68.0 39.6 59.4#



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: 111.30 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088206.D

Acq: 21 Jun 2016 8:30

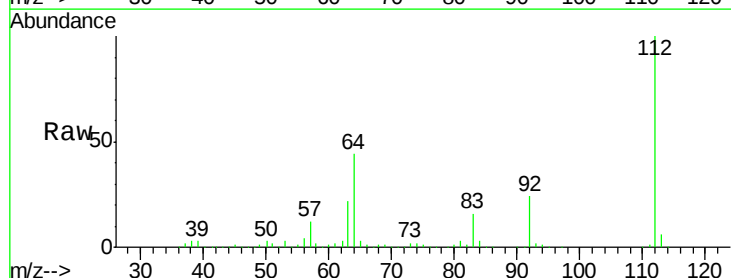
Tgt Ion:112 Resp: 577777

Ion Ratio Lower Upper

112 100

64 44.4 42.2 63.2

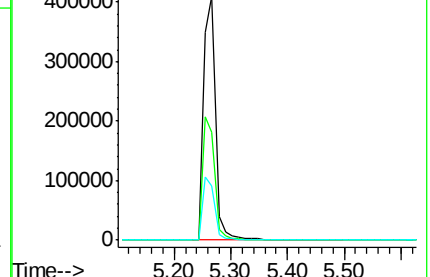
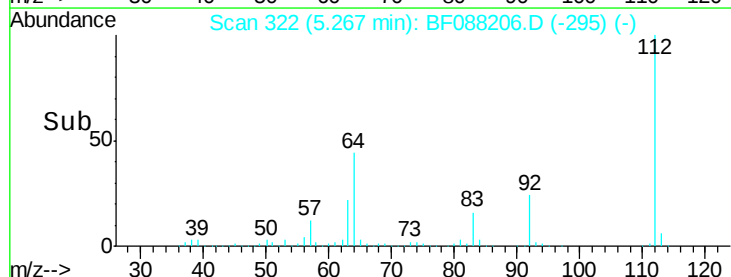
63 22.3 21.8 32.8



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: 98.10 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088206.D

Acq: 21 Jun 2016 8:30

Instrument :

BNA_F

ClientSampleId :

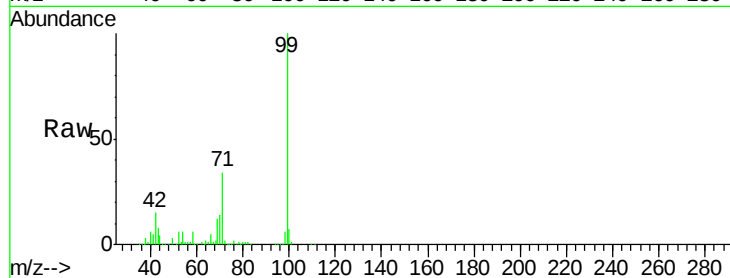
Tot Ion: 99 Resp: 617202

Ion Ratio Lower Upper

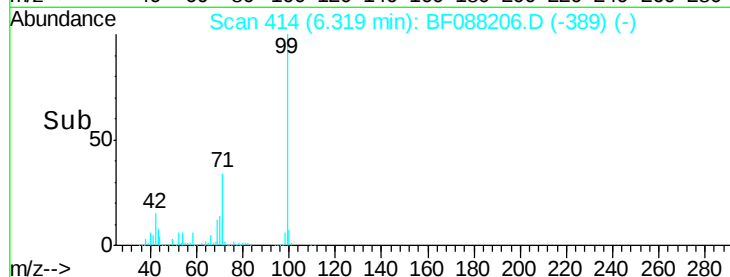
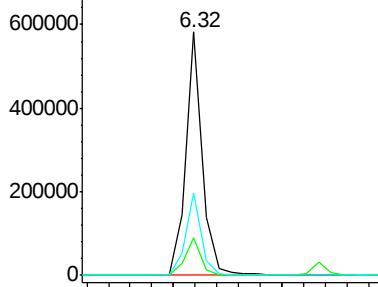
99 100

42 15.5 12.2 18.2

71 33.8 23.4 35.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088206.D

Acq: 21 Jun 2016 8:30

Tgt Ion: 136 Resp: 363788

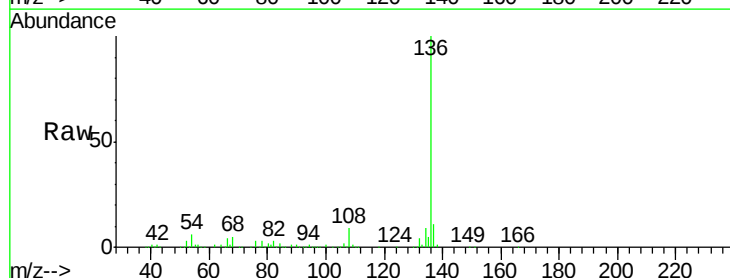
Ion Ratio Lower Upper

136 100

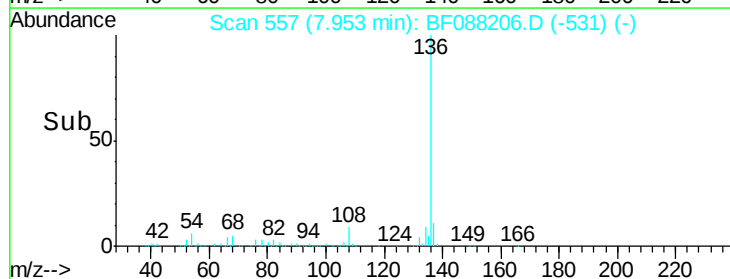
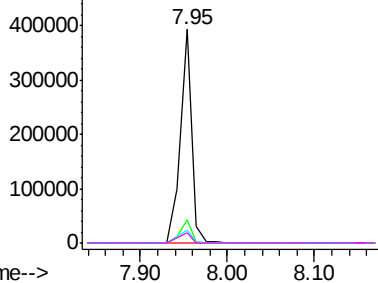
137 10.7 9.1 13.7

54 5.9 6.6 10.0#

68 5.1 5.1 7.7#



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

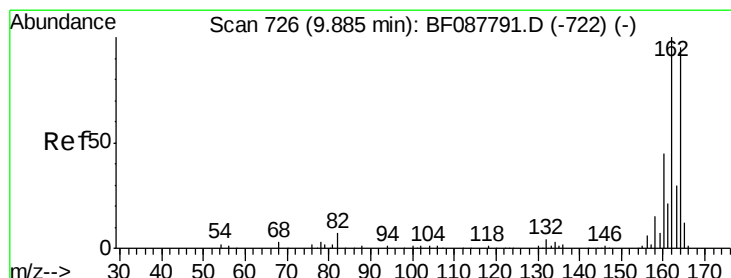
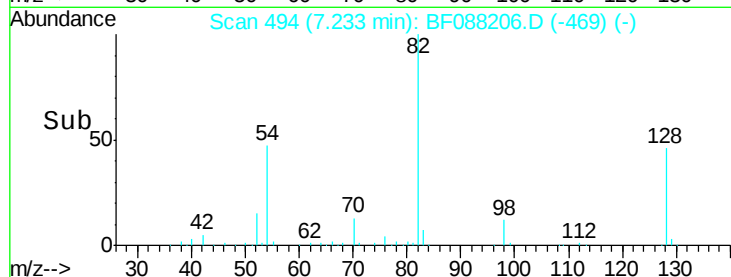
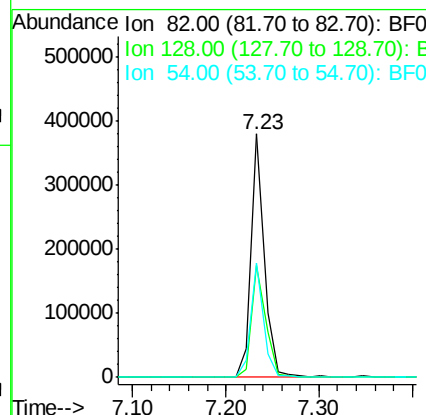
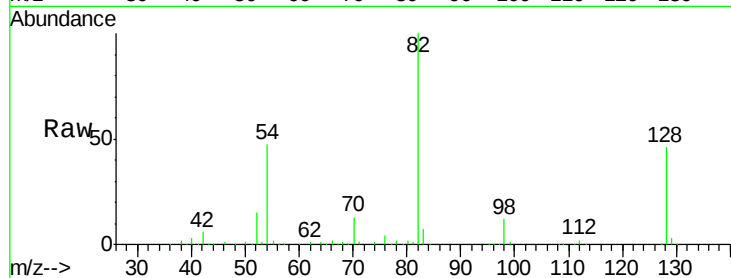




#23
 Nitrobenzene-d5
 Concen: 60.21 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088206.D
 Acq: 21 Jun 2016 8:30

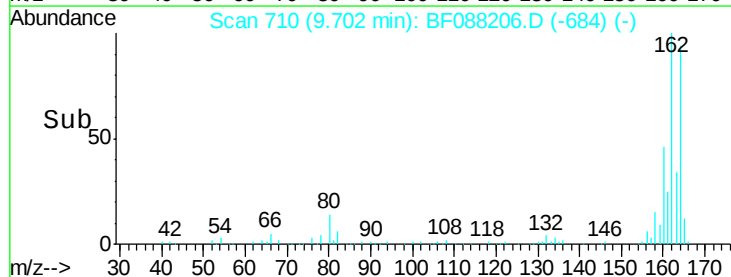
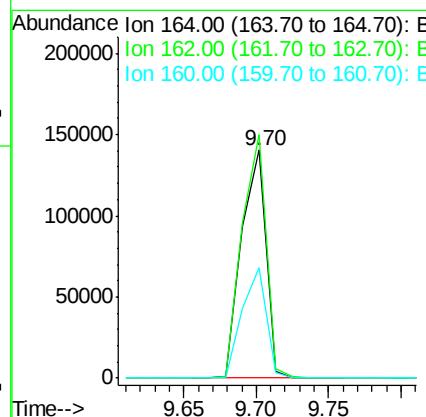
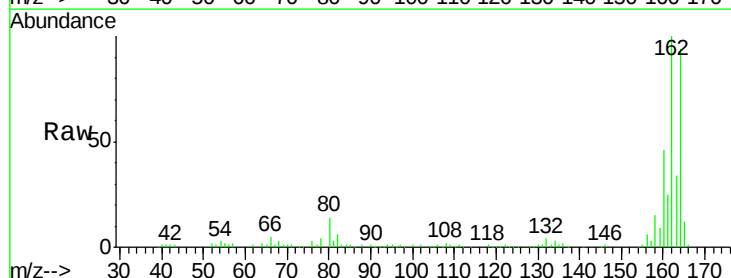
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 375091
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.9 53.9
 54 46.8 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF088206.D
 Acq: 21 Jun 2016 8:30

Tgt Ion:164 Resp: 164328
 Ion Ratio Lower Upper
 164 100
 162 106.8 85.4 128.2
 160 48.7 39.5 59.3

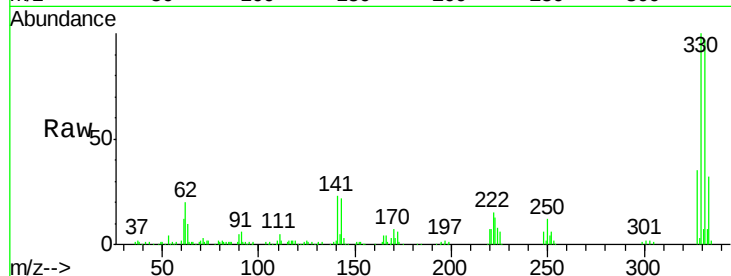




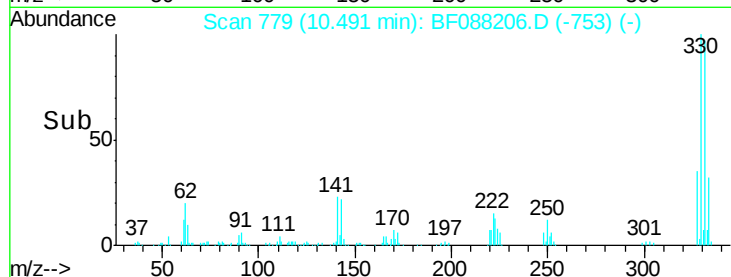
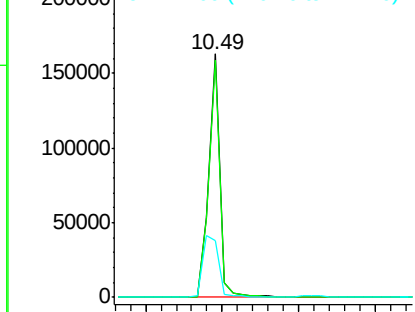
#41
 2,4,6-Tribromophenol
 Concen: 93.92 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF088206.D
 Acq: 21 Jun 2016 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	36.8	0.0	0.0#

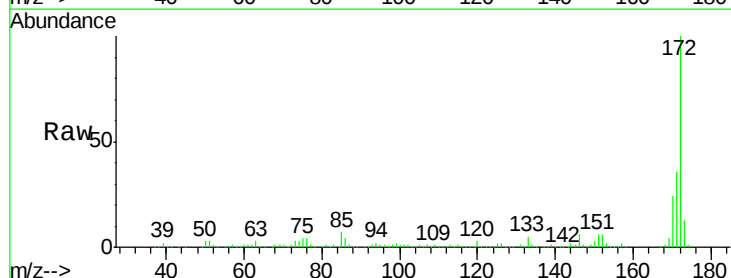


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

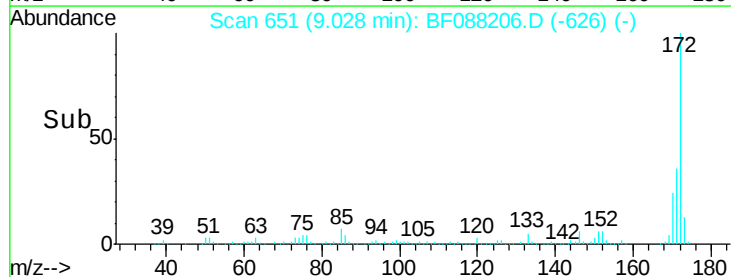
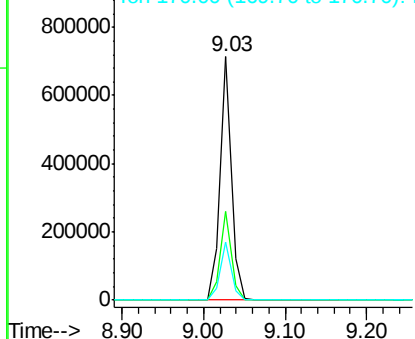


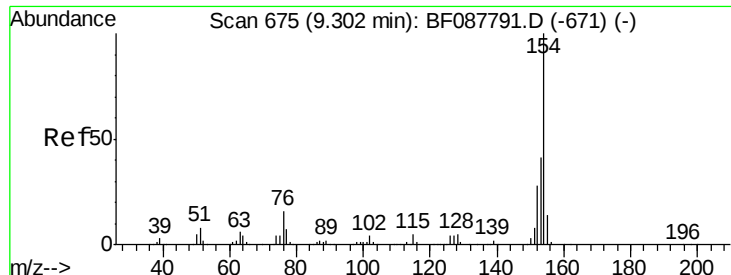
#44
 2-Fluorobiphenyl
 Concen: 64.17 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088206.D
 Acq: 21 Jun 2016 8:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	24.1	19.2	28.8



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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 9.03 min Scan# 651

Delta R.T. -0.10 min

Lab File: BF088206.D

Acq: 21 Jun 2016 8:30

Instrument :

BNA_F

ClientSampleId :

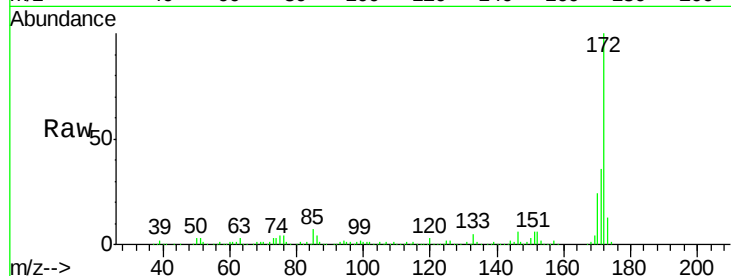
Tot Ion:154 Resp: 1301

Ion Ratio Lower Upper

154 100

153 910.3 20.6 60.6#

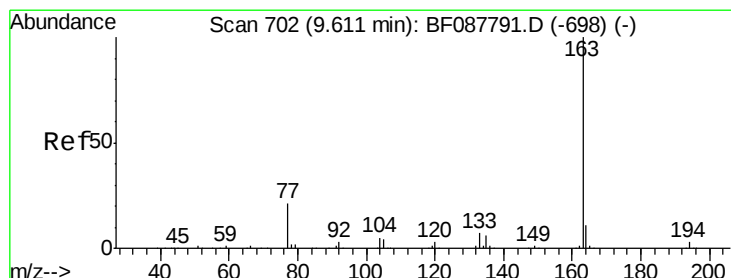
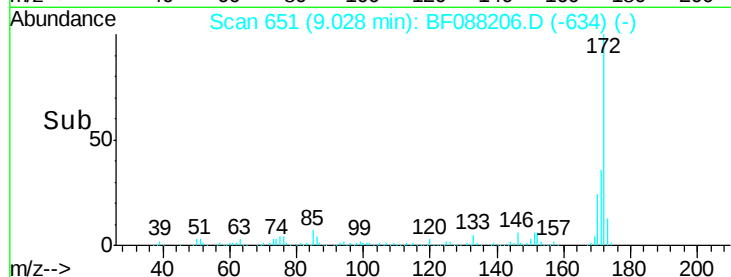
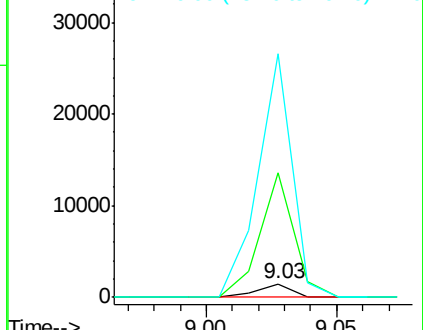
76 1781.9 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 23.57 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF088206.D

Acq: 21 Jun 2016 8:30

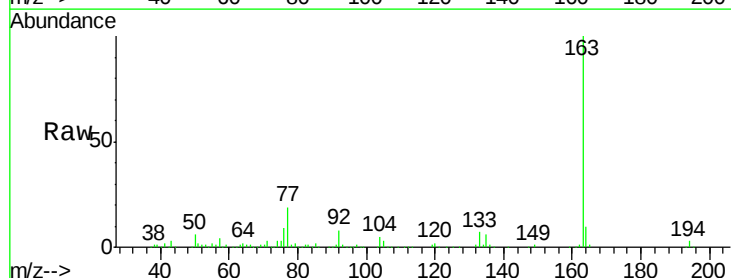
Tgt Ion:163 Resp: 280554

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

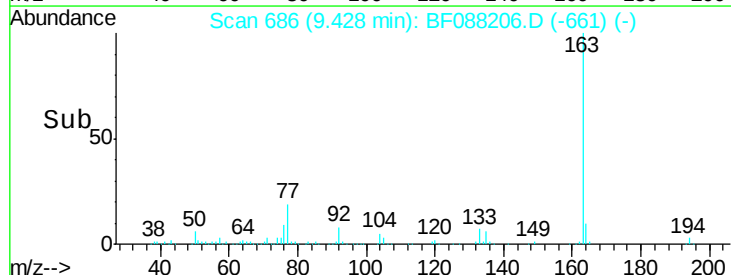
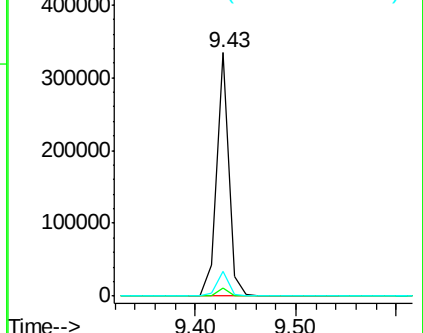
164 10.2 8.3 12.5

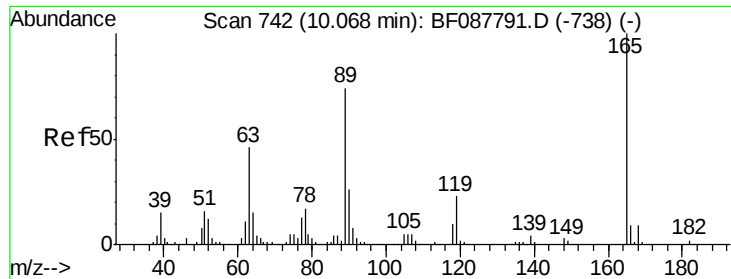


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

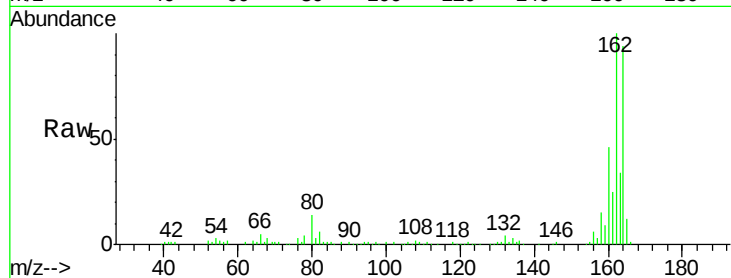




#56
2,4-Dinitrotoluene
Concen: 5.91 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088206.D
Acq: 21 Jun 2016 8:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

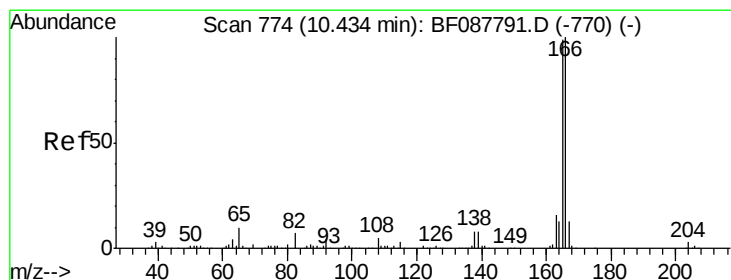
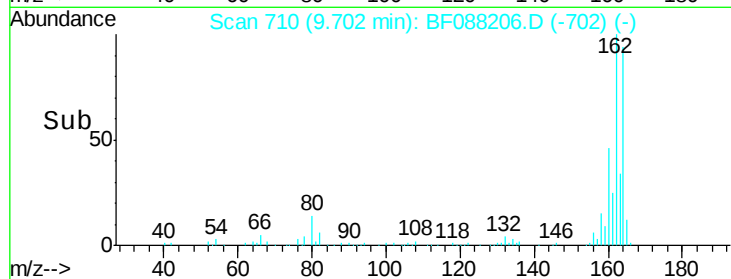
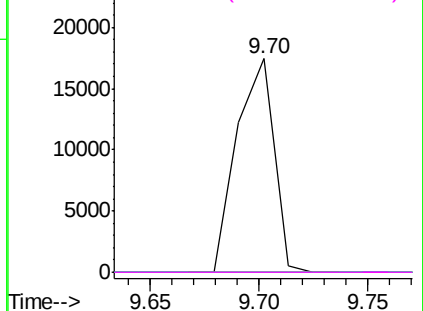


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

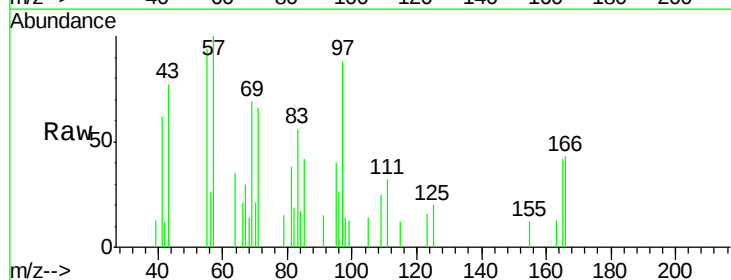
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088206.D
Acq: 21 Jun 2016 8:30

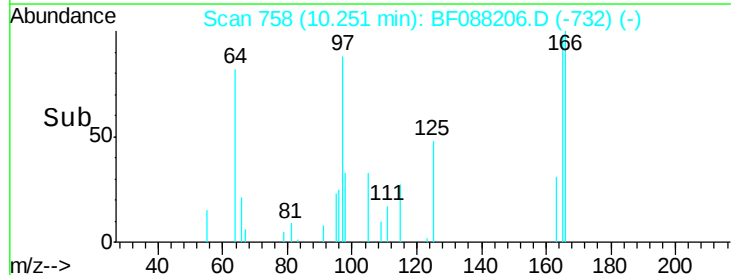
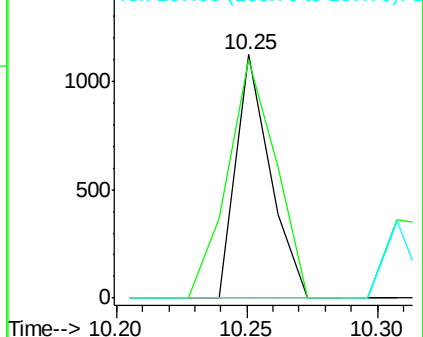
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.8	116.8
167	0.0	11.2	16.8#

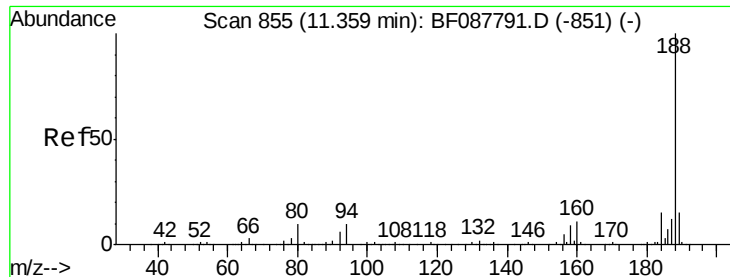


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

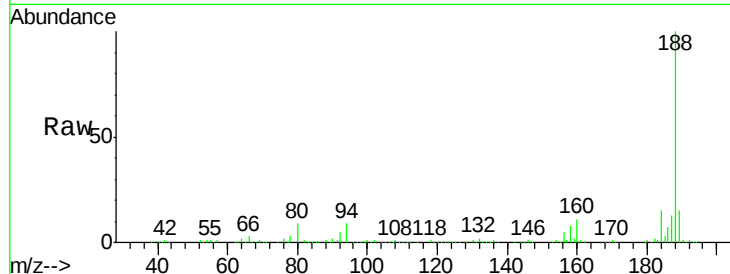




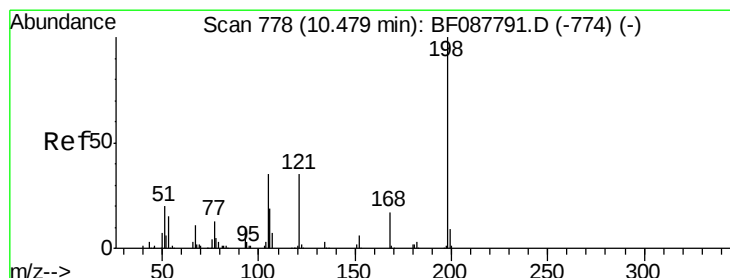
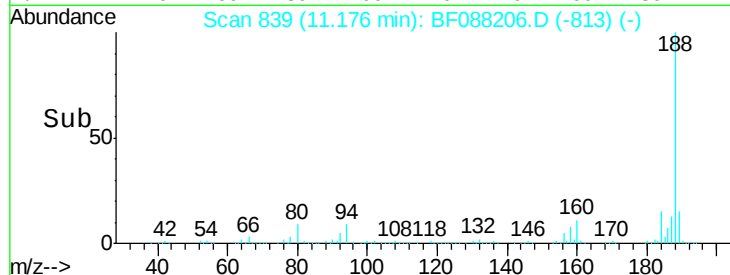
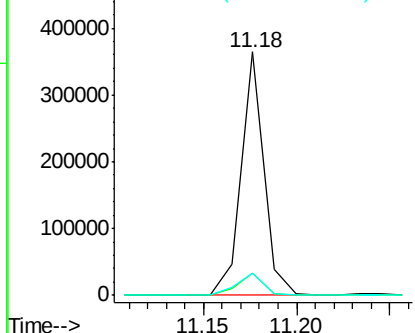
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088206.D
Acq: 21 Jun 2016 8:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 311280
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.6
80 9.3 10.0 15.0#

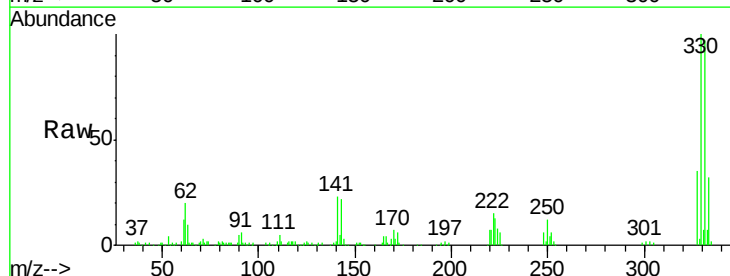


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

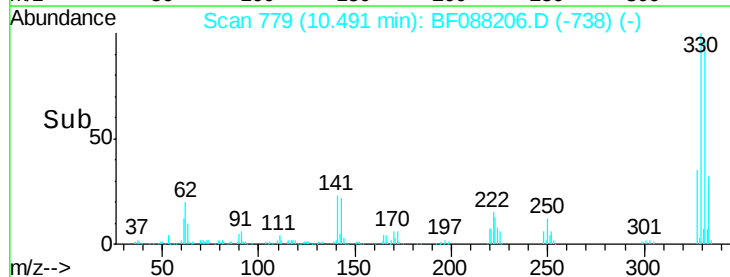
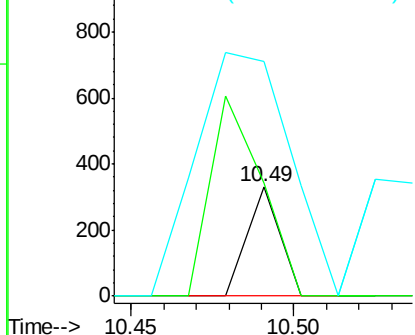


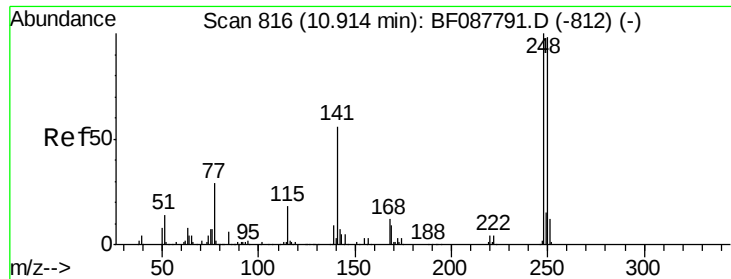
#64
4,6-Dinitro-2-methylphenol
Concen: 2.27 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088206.D
Acq: 21 Jun 2016 8:30

Tgt Ion:198 Resp: 228
Ion Ratio Lower Upper
198 100
51 103.6 39.6 79.6#
105 214.2 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

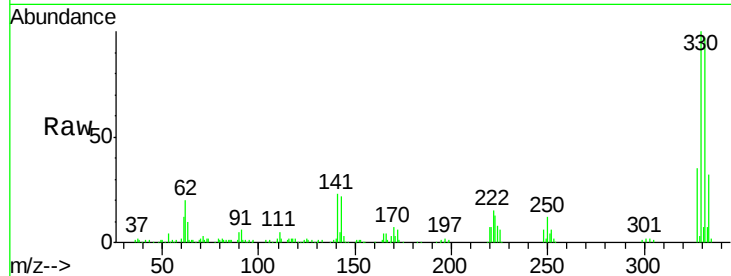




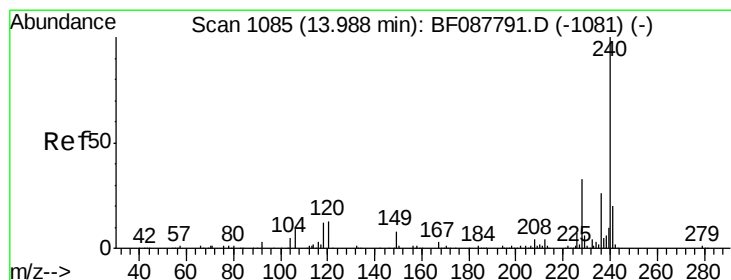
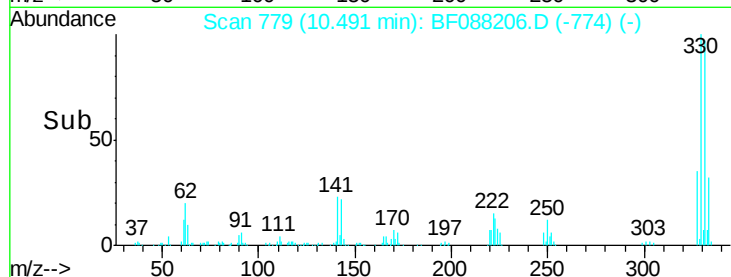
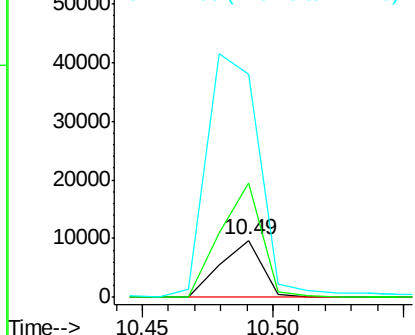
#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088206.D
Acq: 21 Jun 2016 8:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10720
Ion Ratio Lower Upper
248 100
250 201.3 77.1 115.7#
141 391.5 50.6 76.0#

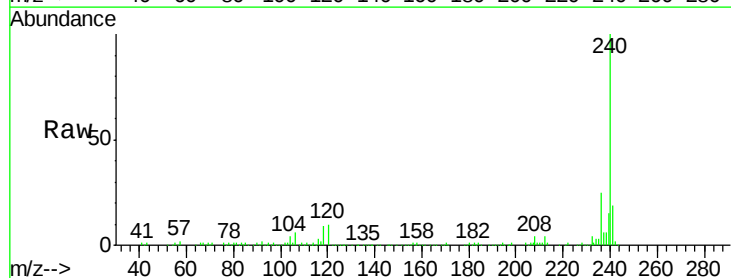


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

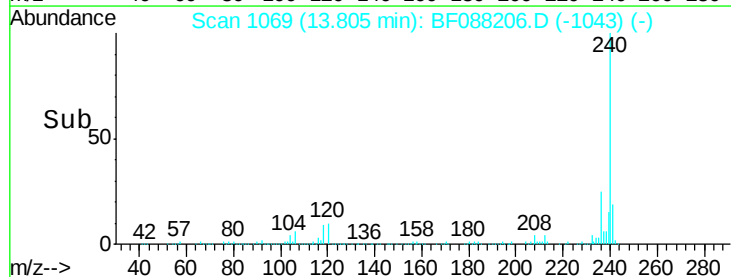
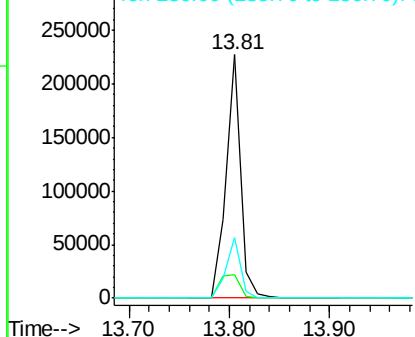


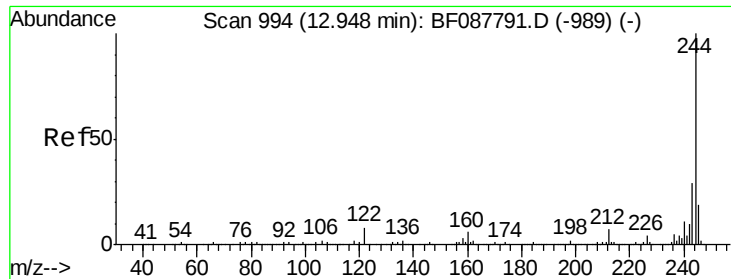
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088206.D
Acq: 21 Jun 2016 8:30

Tgt Ion:240 Resp: 227941
Ion Ratio Lower Upper
240 100
120 9.8 6.8 10.2
236 25.1 20.2 30.2



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

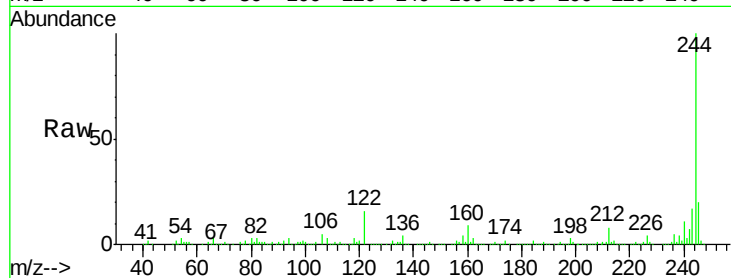




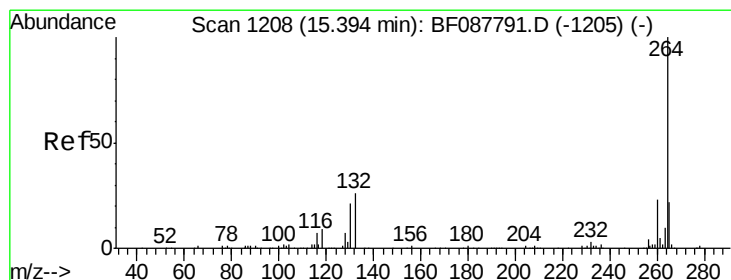
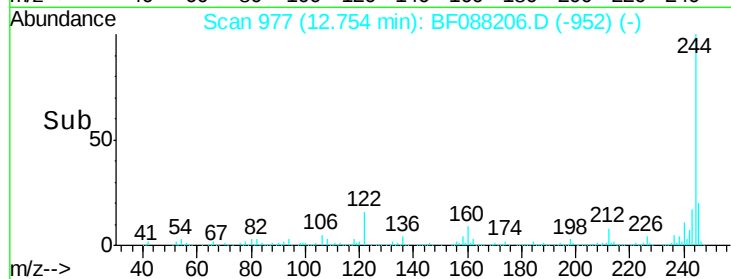
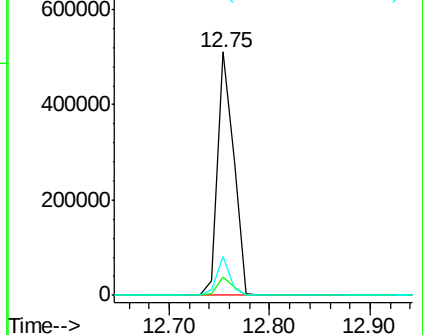
#78
 Terphenyl-d14
 Concen: 56.84 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088206.D
 Acq: 21 Jun 2016 8:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 569336
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 16.1 11.2 16.8

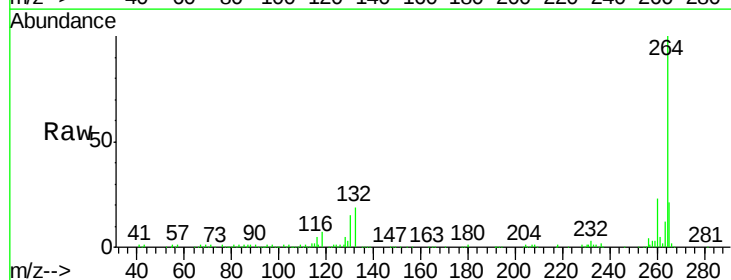


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088206.D
 Acq: 21 Jun 2016 8:30

Tgt Ion:264 Resp: 176034
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 21.2 16.9 25.3



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

