

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088212.D
 Acq On : 21 Jun 2016 11:23
 Operator : UM/SJ
 Sample : H3580-21
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 13:10:40 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

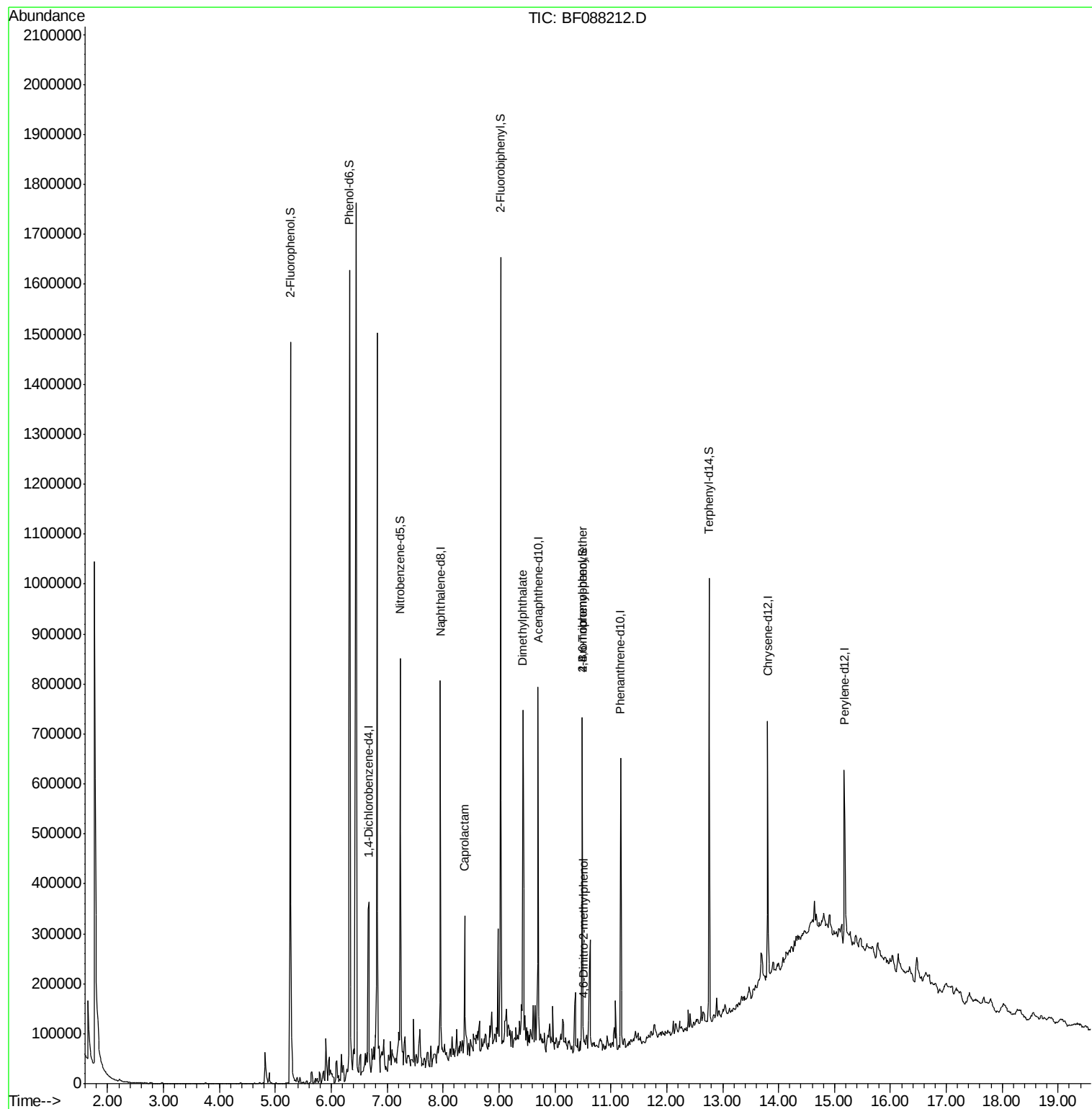
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	76591	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	313401	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	134543	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	195704	20.00	ng	0.00
75) Chrysene-d12	13.81	240	165278	20.00	ng	0.00
86) Perylene-d12	15.18	264	164100	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	498066	111.17	ng	0.01
7) Phenol-d6	6.33	99	657205	121.04	ng	0.00
23) Nitrobenzene-d5	7.23	82	325650	60.68	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	93128	65.55	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	538120	61.29	ng	-0.01
78) Terphenyl-d14	12.75	244	341470	47.01	ng	-0.01
Target Compounds						
10) Phenol	6.34	94	6369	Below Cal	#	45
35) Caprolactam	8.39	113	7489	5.28	ng	# 69
45) 1,1'-Biphenyl	9.13	154	774	Below Cal		89
49) Dimethylphthalate	9.43	163	212398	21.79	ng	99
57) Fluorene	10.25	166	1924	Below Cal	#	71
64) 4,6-Dinitro-2-methylphenol	10.51	198	229	2.34	ng	# 1
66) 4-Bromophenyl-phenylether	10.49	248	6227	2.97	ng	# 1

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

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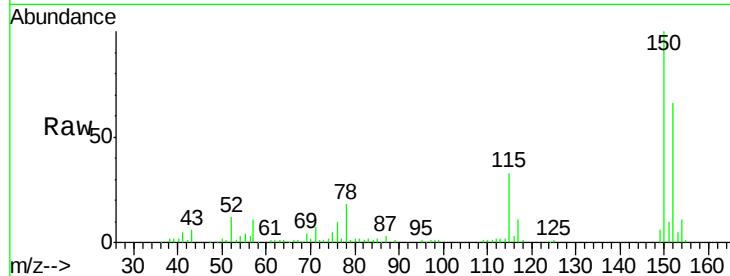


#1

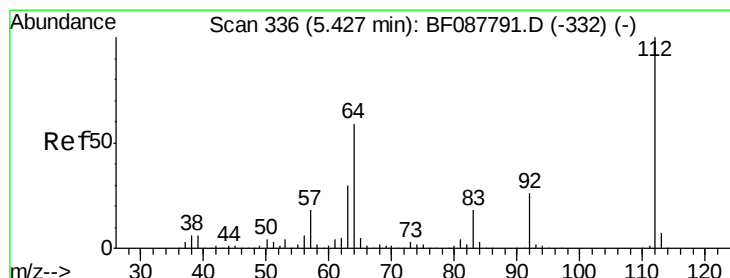
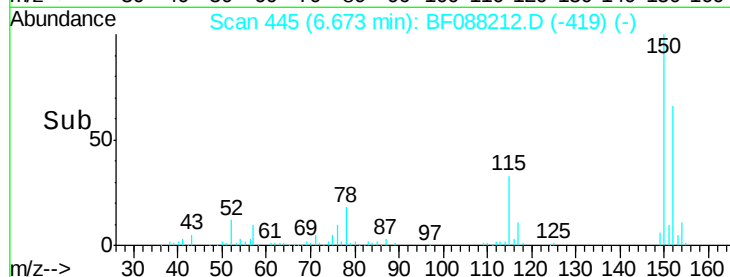
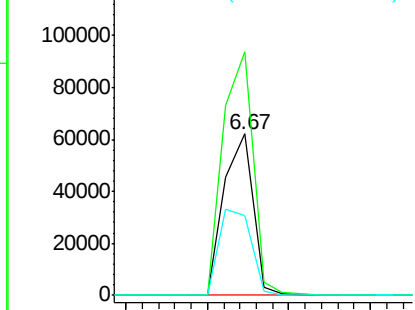
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 76591
Ion Ratio Lower Upper
152 100
150 151.0 123.8 185.6
115 49.4 39.6 59.4



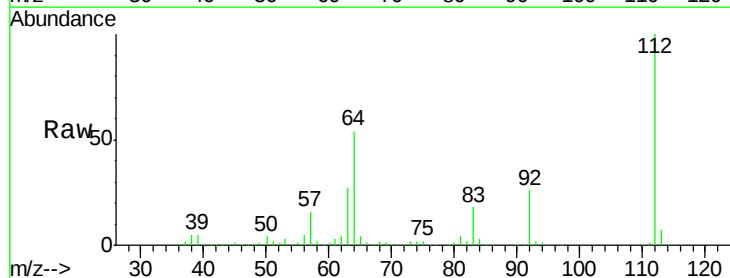
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



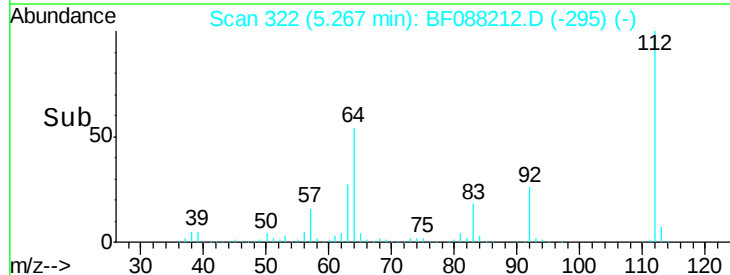
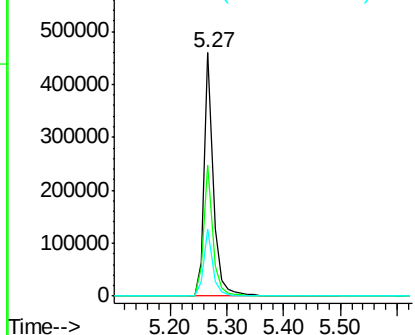
#5

2-Fluorophenol
Concen: 111.17 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Tgt Ion:112 Resp: 498066
Ion Ratio Lower Upper
112 100
64 53.6 42.2 63.2
63 27.4 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: 121.04 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088212.D

Acq: 21 Jun 2016 11:23

Instrument :

BNA_F

ClientSampleId :

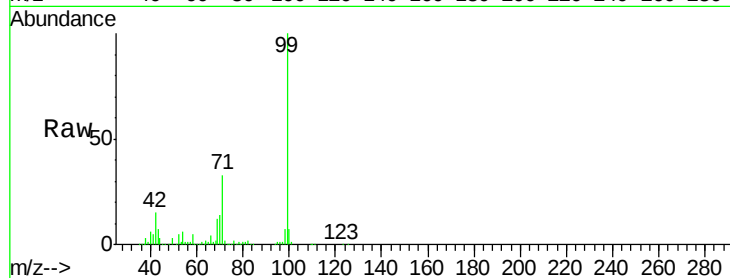
Tot Ion: 99 Resp: 657205

Ion Ratio Lower Upper

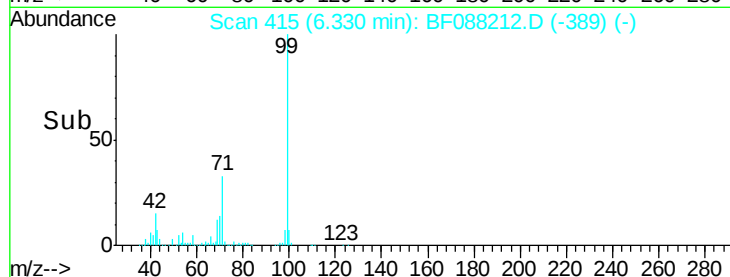
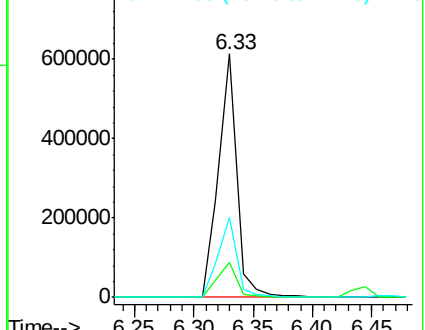
99 100

42 14.6 12.2 18.2

71 32.9 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: BF088212.D

Acq: 21 Jun 2016 11:23

Tgt Ion: 136 Resp: 313401

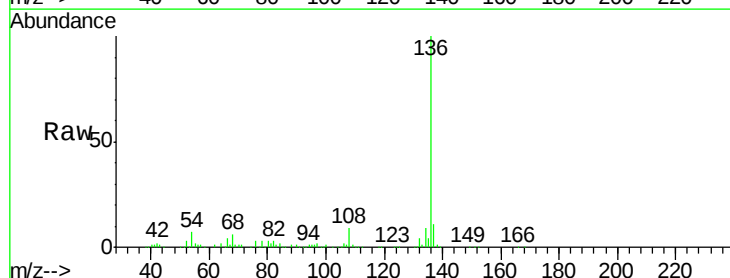
Ion Ratio Lower Upper

136 100

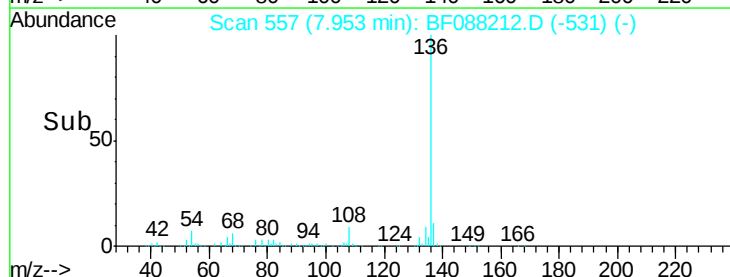
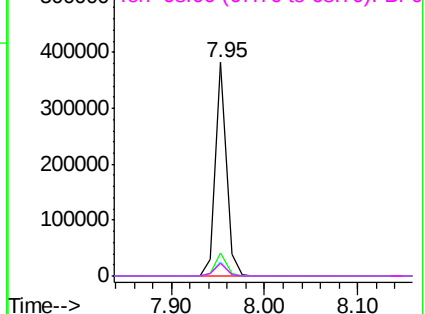
137 11.0 9.1 13.7

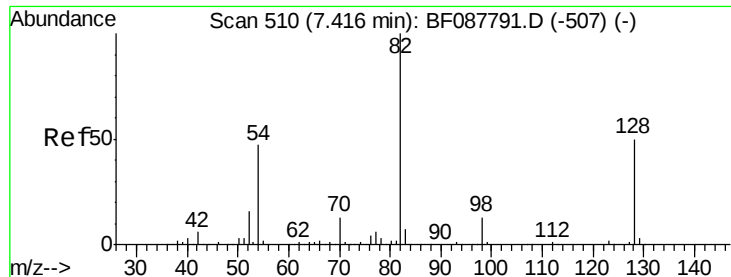
54 6.7 6.6 10.0

68 5.7 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

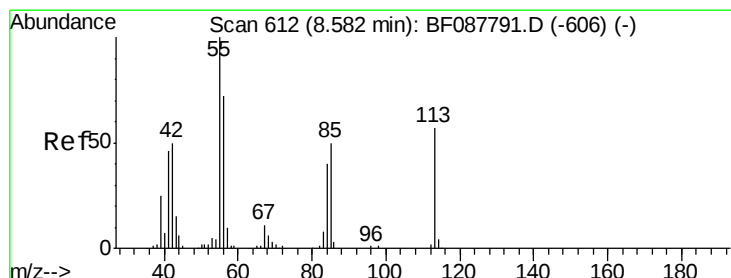
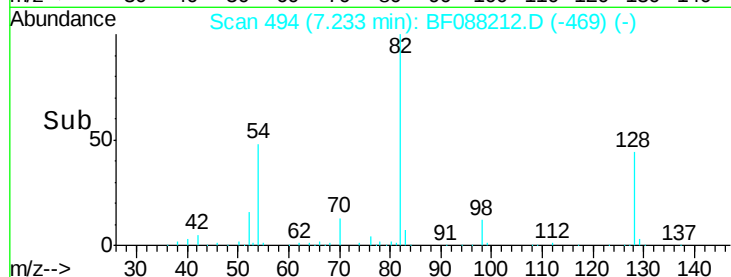
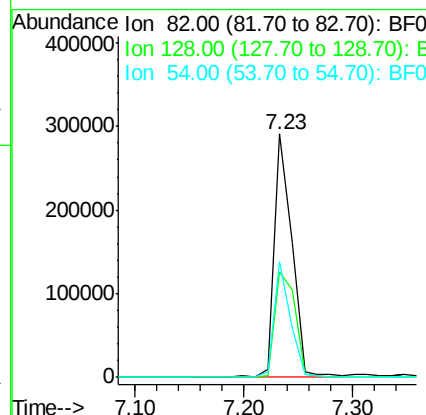
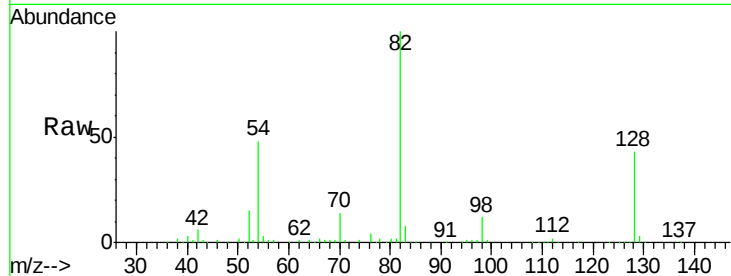




#23
 Nitrobenzene-d5
 Concen: 60.68 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF088212.D
 Acq: 21 Jun 2016 11:23

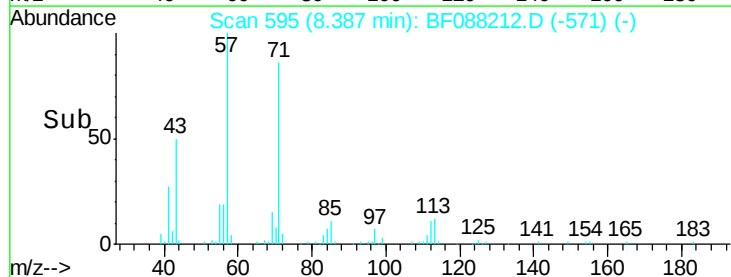
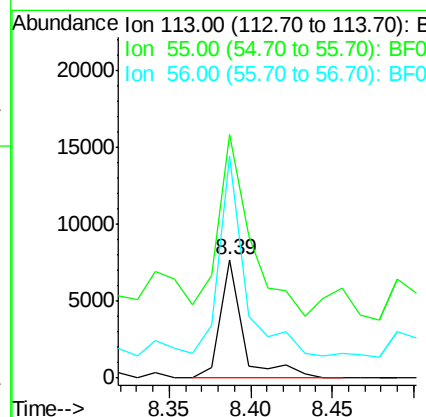
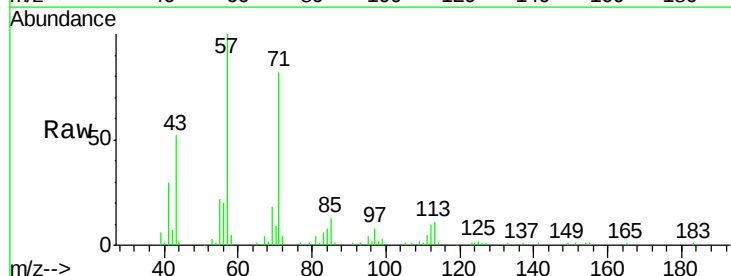
Instrument :
 BNA_F
 ClientSampled :

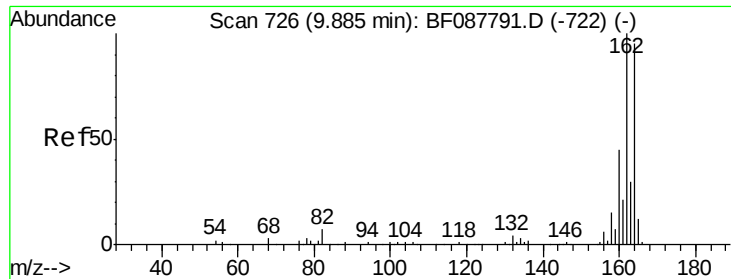
Tot Ion	82	Resp	325650
Ion Ratio	100	Lower	Upper
128	43.4	35.9	53.9
54	47.6	40.9	61.3



#35
 Caprolactam
 Concen: 5.28 ng
 RT: 8.39 min Scan# 595
 Delta R.T. -0.02 min
 Lab File: BF088212.D
 Acq: 21 Jun 2016 11:23

Tgt Ion	113	Resp	7489
Ion Ratio	100	Lower	Upper
55	204.9	158.6	198.6#
56	187.0	110.6	150.6#

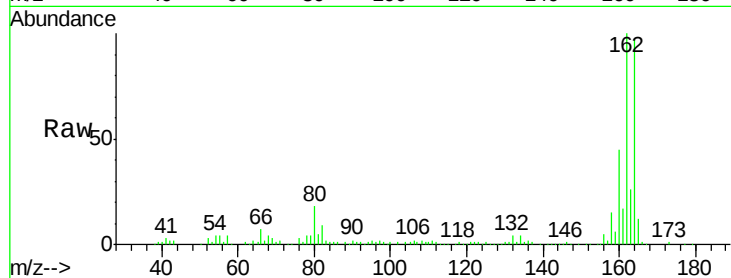




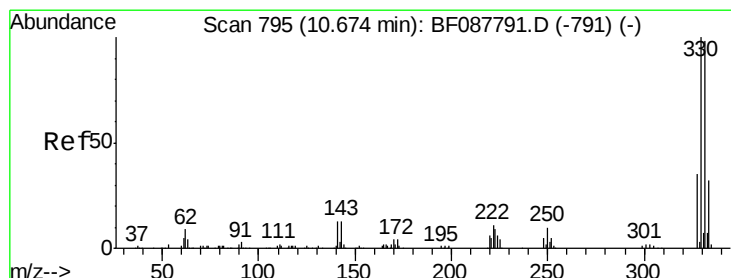
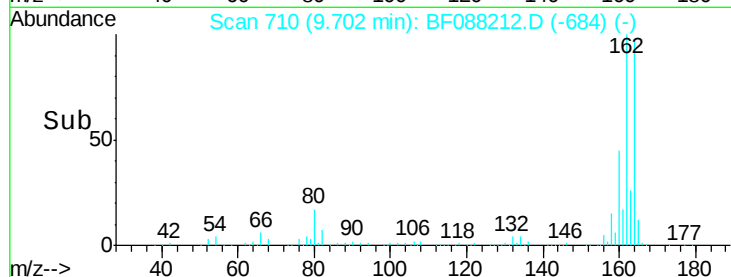
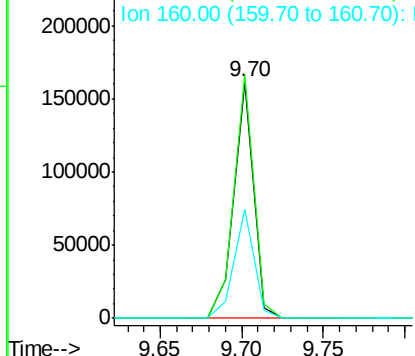
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 134543
Ion Ratio Lower Upper
164 100
162 103.1 85.4 128.2
160 46.2 39.5 59.3

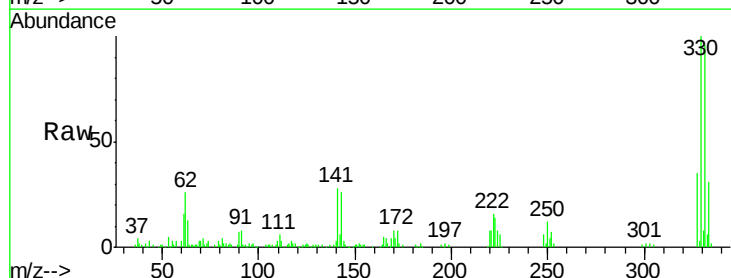


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

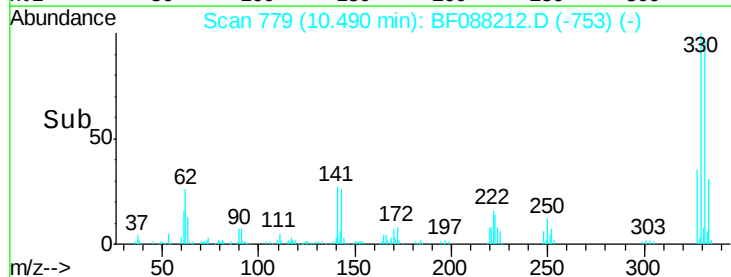
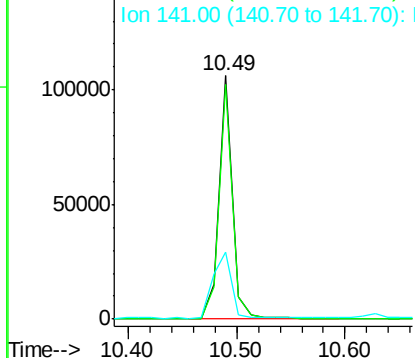


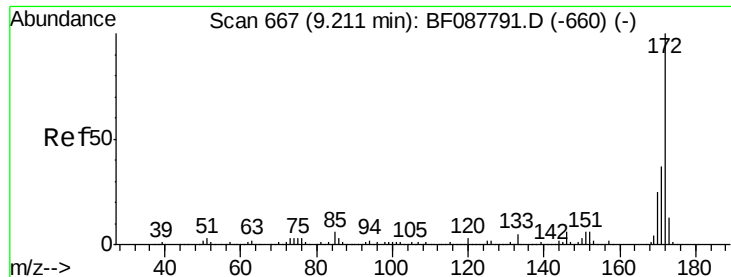
#41
2,4,6-Tribromophenol
Concen: 65.55 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Tgt Ion:330 Resp: 93128
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 38.4 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

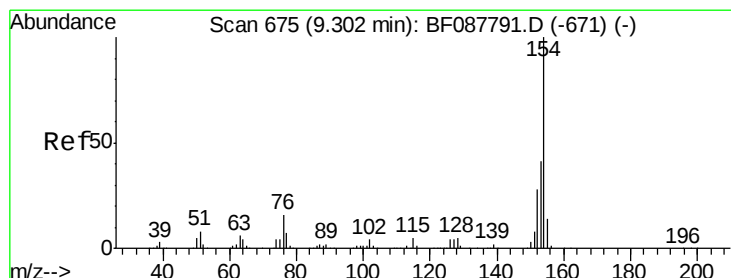
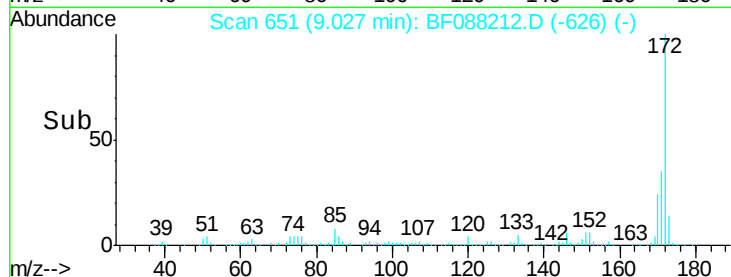
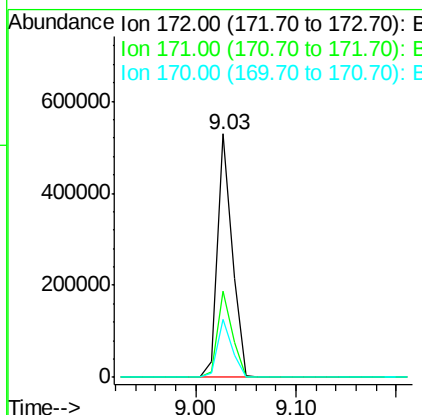
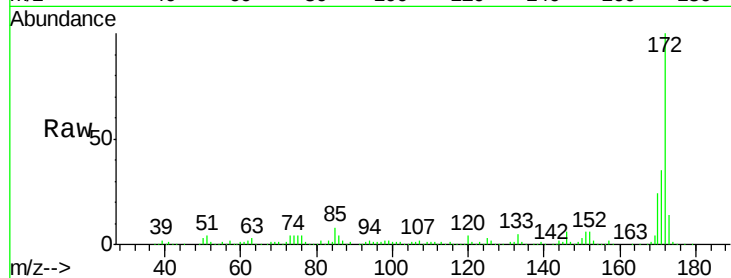




#44
2-Fluorobiphenyl
Concen: 61.29 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

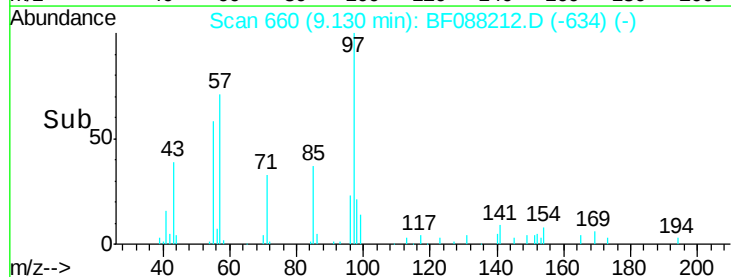
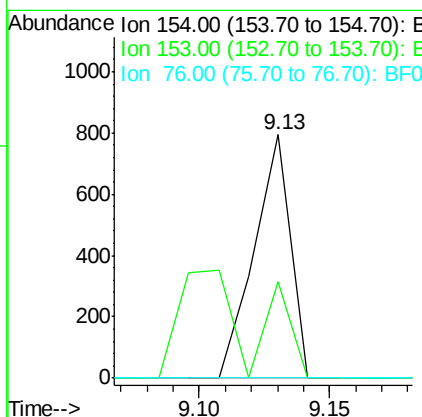
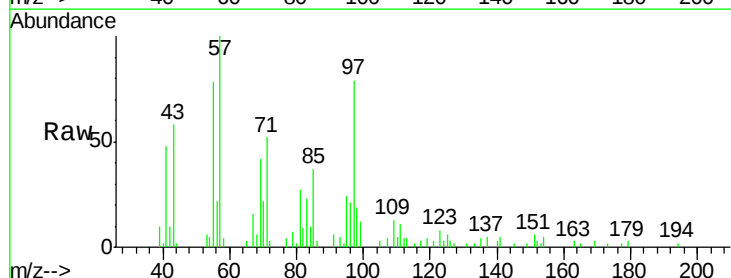
Instrument :
BNA_F
ClientSampleId :

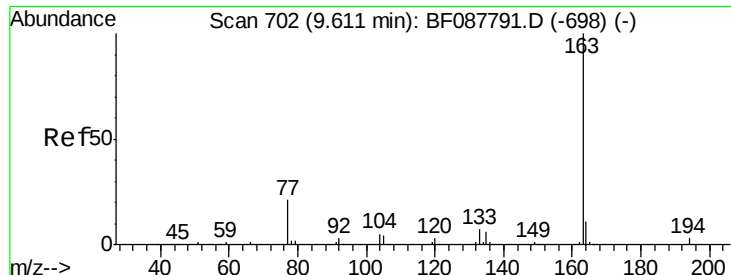
Tot Ion:172 Resp: 538120
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.8 19.2 28.8



#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Tgt Ion:154 Resp: 774
Ion Ratio Lower Upper
154 100
153 39.7 20.6 60.6
76 0.0 0.0 35.1

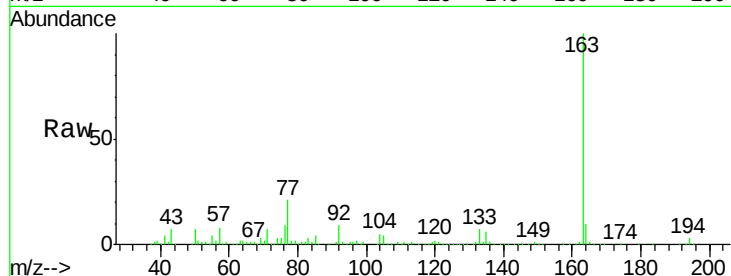




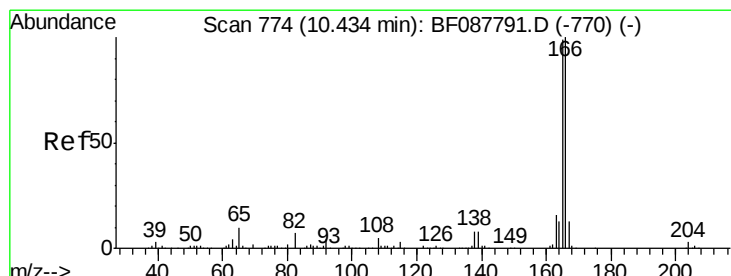
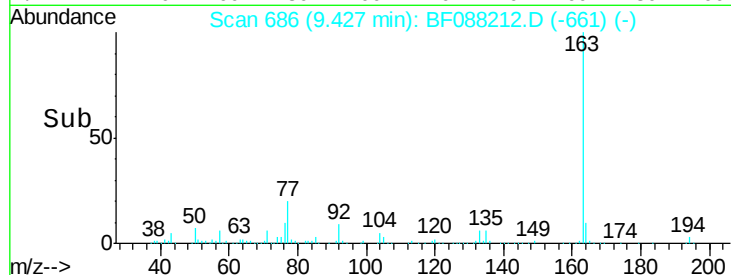
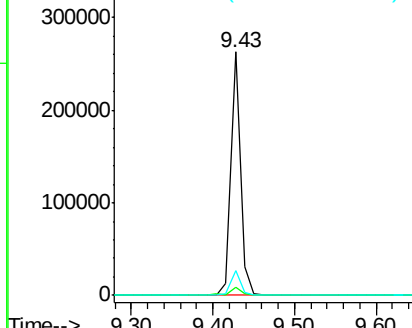
#49
Dimethylphthalate
Concen: 21.79 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.1	8.3	12.5

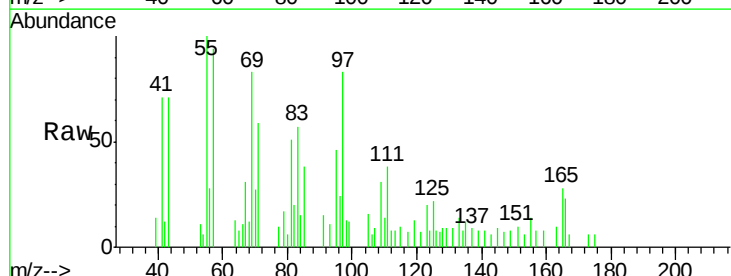


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

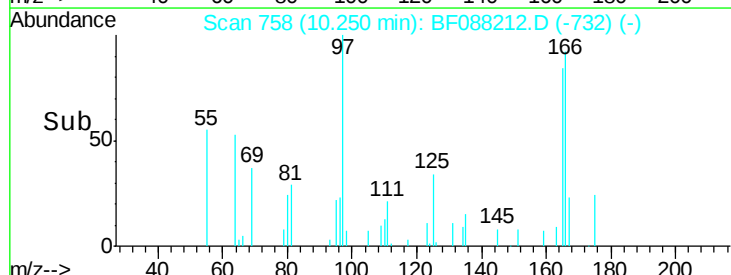
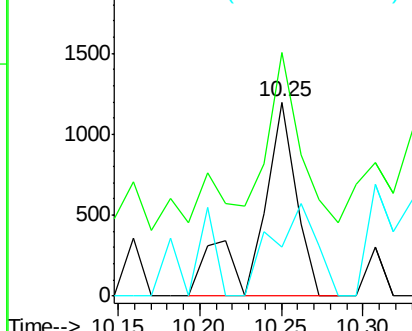


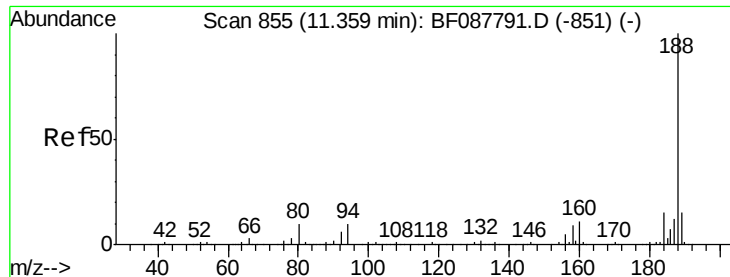
#57
Fluorene
Concen: Below Cal
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	125.5	77.8	116.8#
167	25.4	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

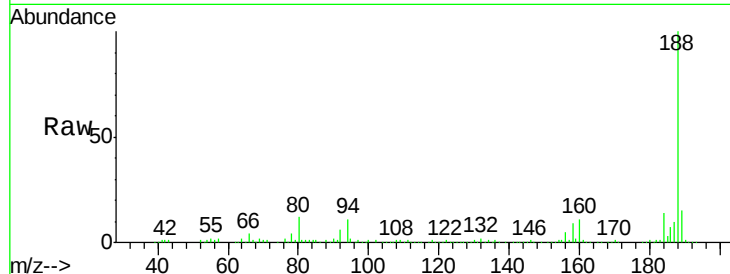




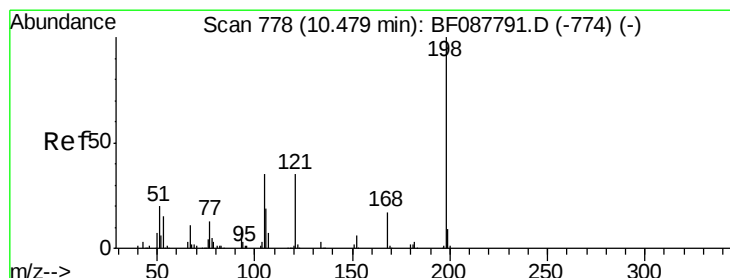
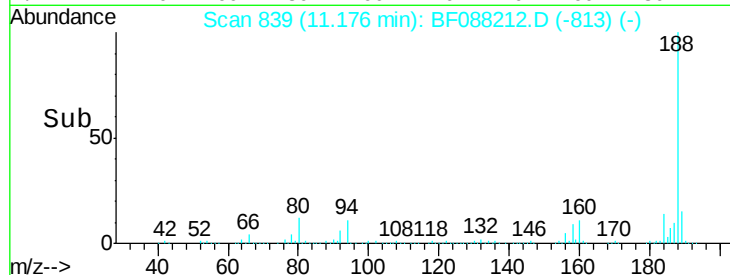
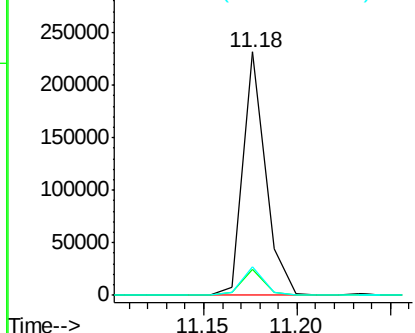
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 195704
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.6
80 11.7 10.0 15.0

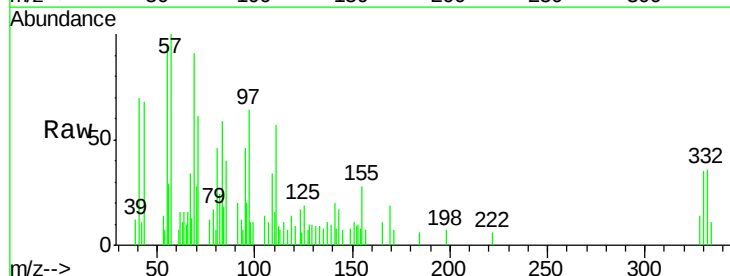


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

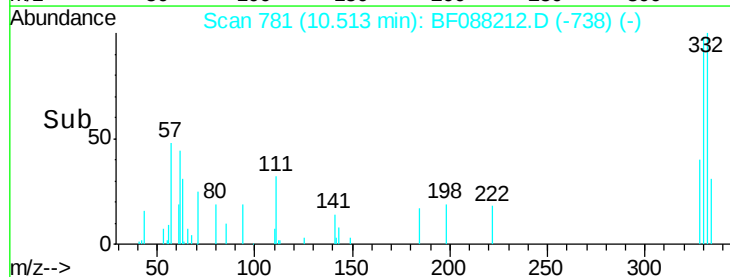
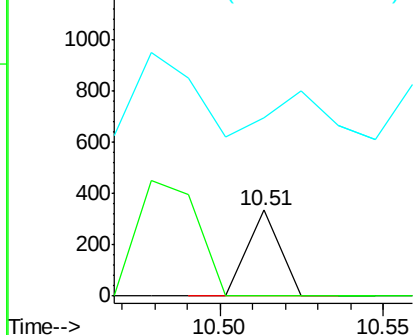


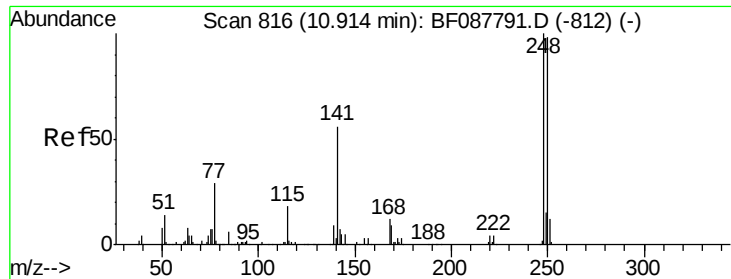
#64
4,6-Dinitro-2-methylphenol
Concen: 2.34 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.19 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Tgt Ion:198 Resp: 229
Ion Ratio Lower Upper
198 100
51 0.0 39.6 79.6#
105 208.1 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

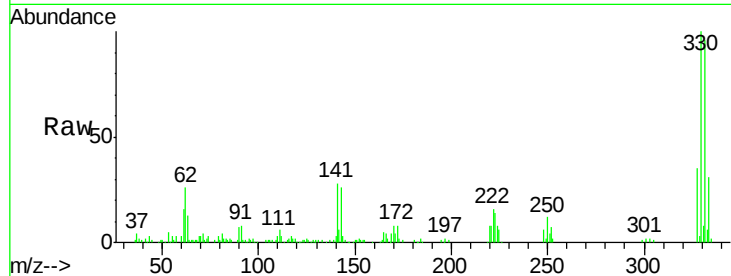




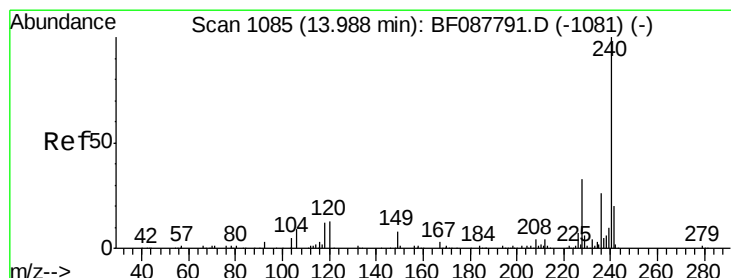
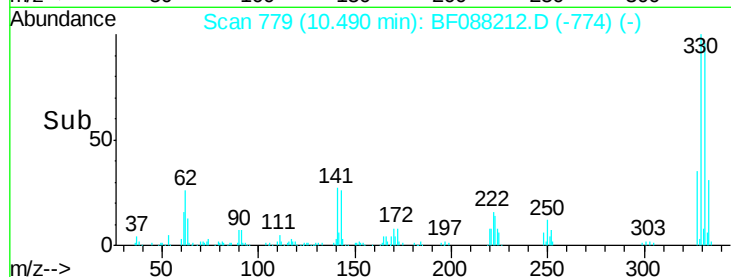
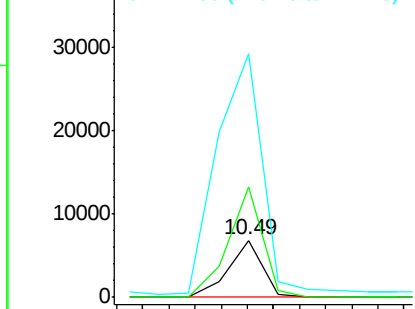
#66
4-Bromophenyl-phenylether
Concen: 2.97 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6227
Ion Ratio Lower Upper
248 100
250 194.1 77.1 115.7#
141 429.3 50.6 76.0#

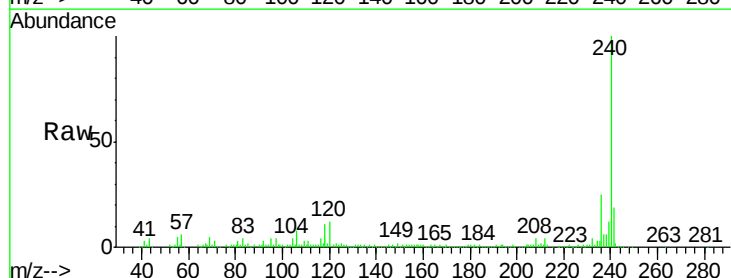


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

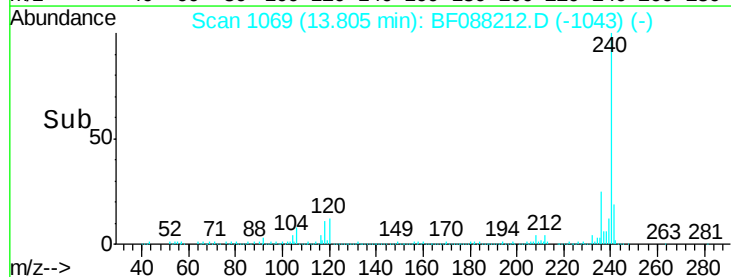
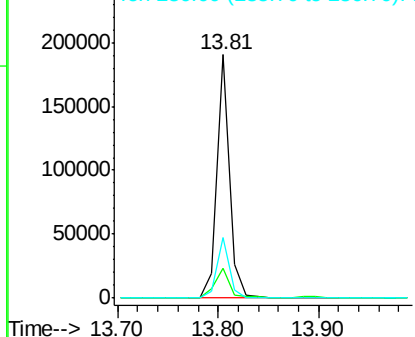


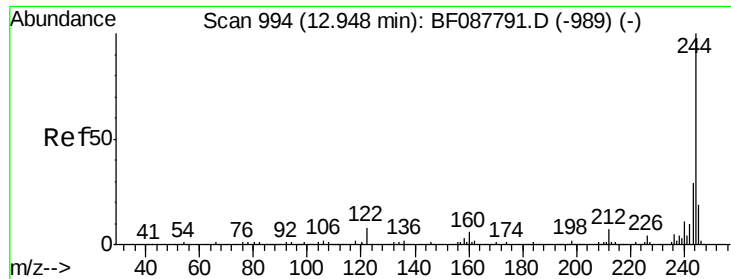
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088212.D
Acq: 21 Jun 2016 11:23

Tgt Ion:240 Resp: 165278
Ion Ratio Lower Upper
240 100
120 12.5 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

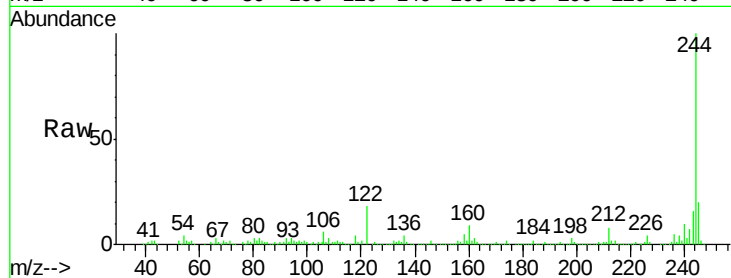




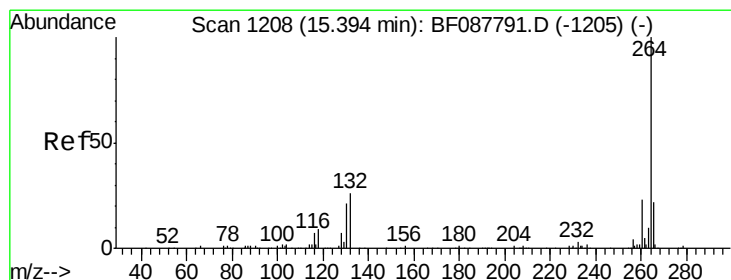
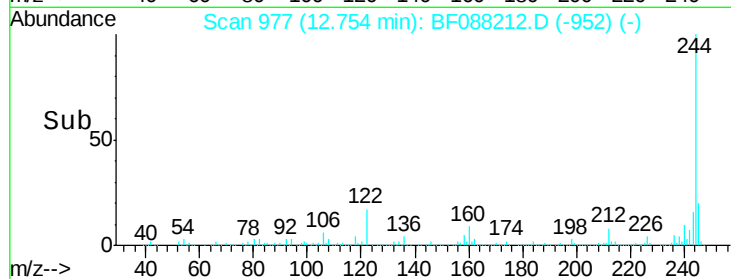
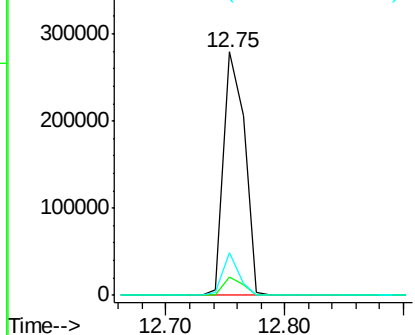
#78
 Terphenyl-d14
 Concen: 47.01 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088212.D
 Acq: 21 Jun 2016 11:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 341470
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 17.6 11.2 16.8#

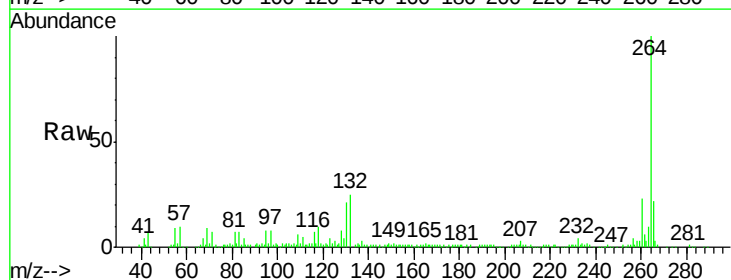


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088212.D
 Acq: 21 Jun 2016 11:23

Tgt Ion:264 Resp: 164100
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 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

