

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088210.D
 Acq On : 21 Jun 2016 10:25
 Operator : UM/SJ
 Sample : H3595-01RE
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 11:51:37 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

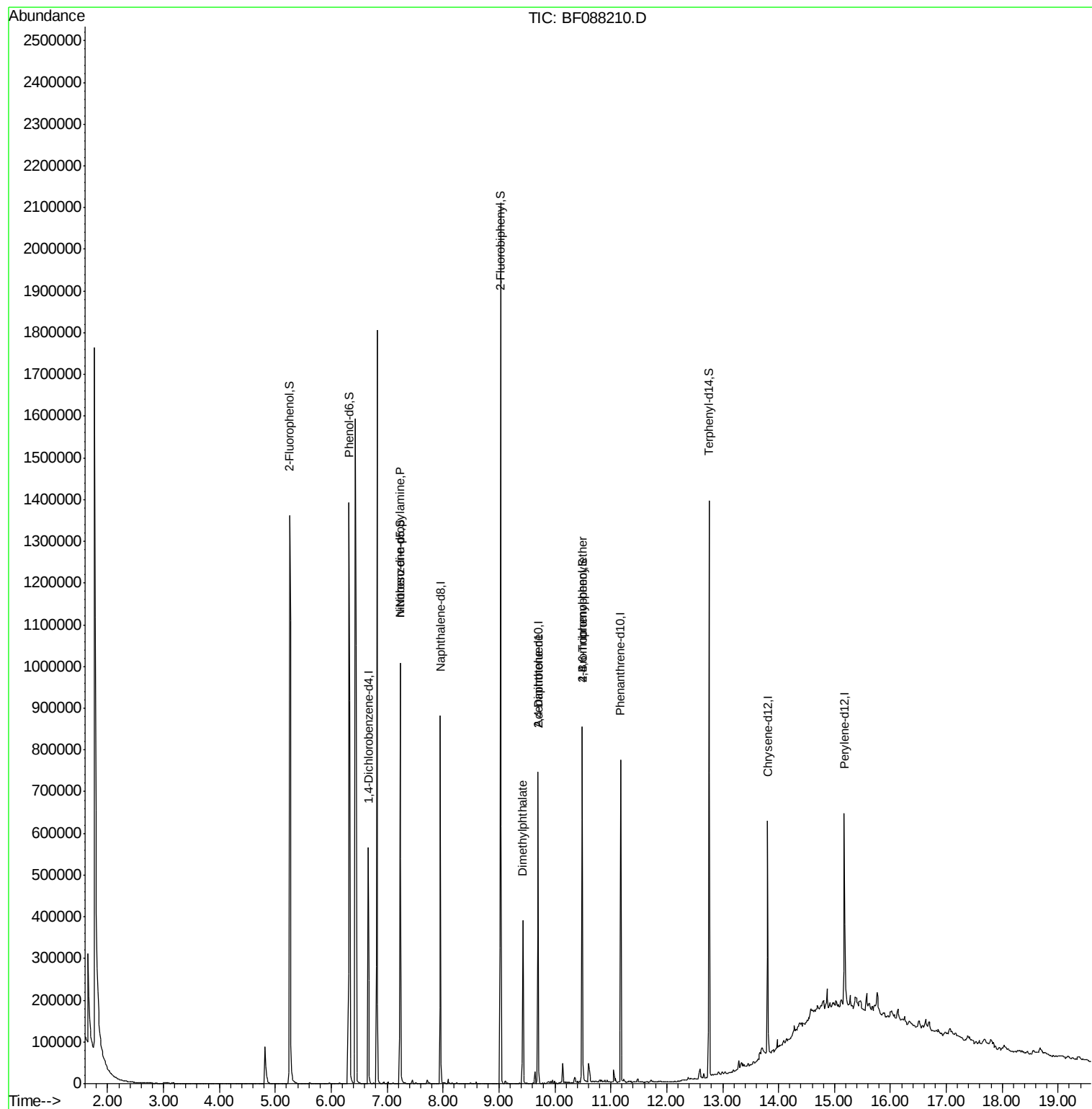
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	100586	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	403530	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	169535	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	269394	20.00	ng	0.00
75) Chrysene-d12	13.81	240	203635	20.00	ng	0.00
86) Perylene-d12	15.18	264	194953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	595267	101.17	ng	0.00
7) Phenol-d6	6.32	99	726229	101.85	ng	-0.01
23) Nitrobenzene-d5	7.23	82	413963	59.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	143347	80.08	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	741732	67.60	ng	-0.01
78) Terphenyl-d14	12.75	244	509248	56.91	ng	-0.01
Target Compounds						
10) Phenol	6.34	94	12448	Below Cal		Qvalue 95
19) n-Nitroso-di-n-propylamine	7.23	70	52211	11.45 ng	#	72
45) 1,1'-Biphenyl	9.03	154	1399	Below Cal	#	1
49) Dimethylphthalate	9.43	163	157573	12.83 ng		99
56) 2,4-Dinitrotoluene	9.70	165	21402	5.92 ng	#	37
57) Fluorene	10.49	166	7129	Below Cal	#	94
66) 4-Bromophenyl-phenylether	10.49	248	9311	3.22 ng	#	1

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

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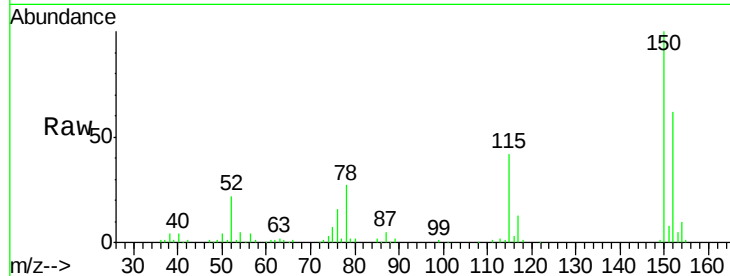


#1

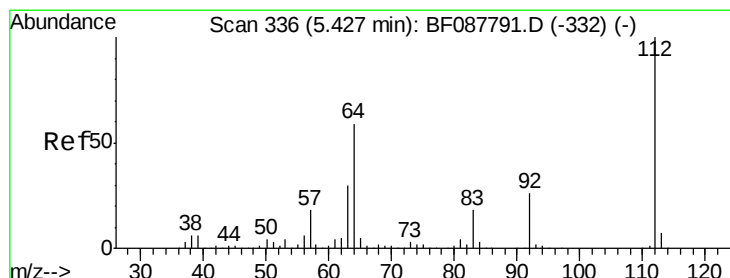
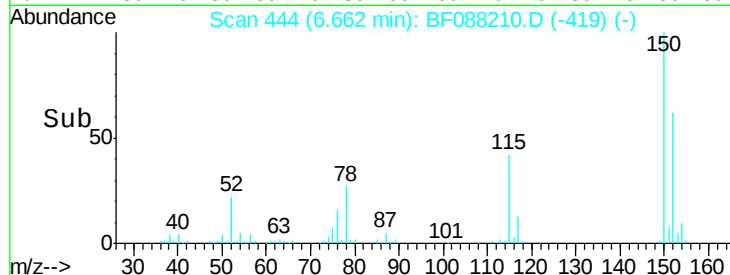
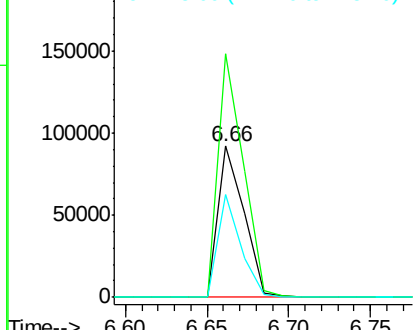
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	123.8	185.6
115	68.1	39.6	59.4



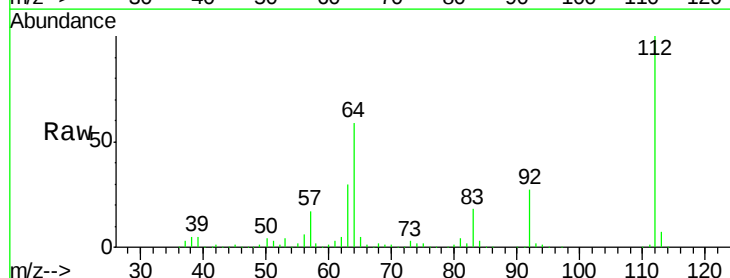
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



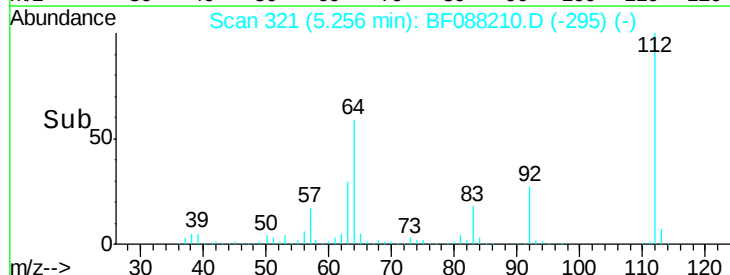
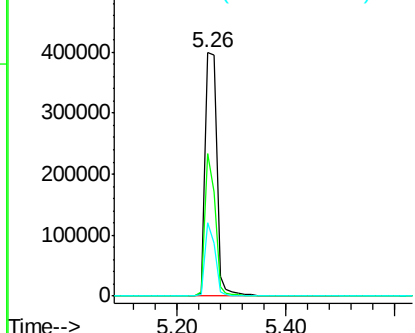
#5

2-Fluorophenol
Concen: 101.17 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	42.2	63.2
63	30.2	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: 101.85 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

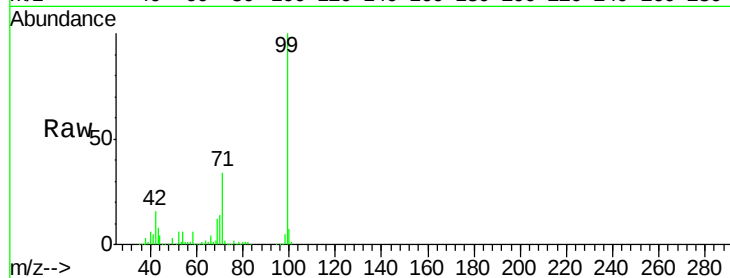
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 726229

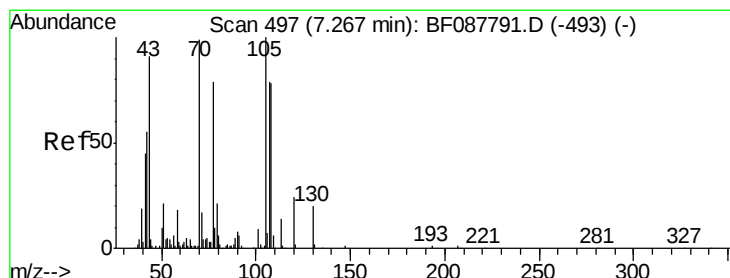
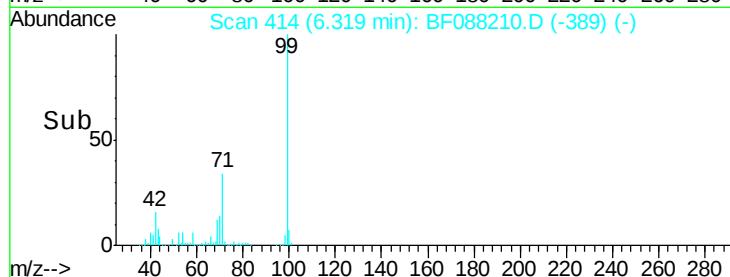
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.2
71	33.8	23.4	35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.45 ng

RT: 7.23 min Scan# 494

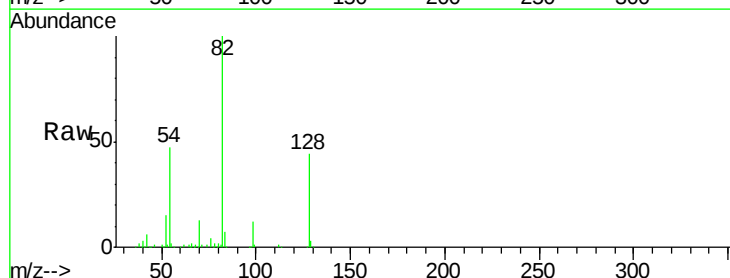
Delta R.T. 0.14 min

Lab File: BF088210.D

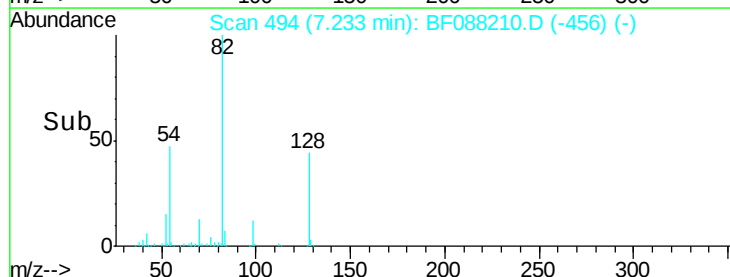
Acq: 21 Jun 2016 10:25

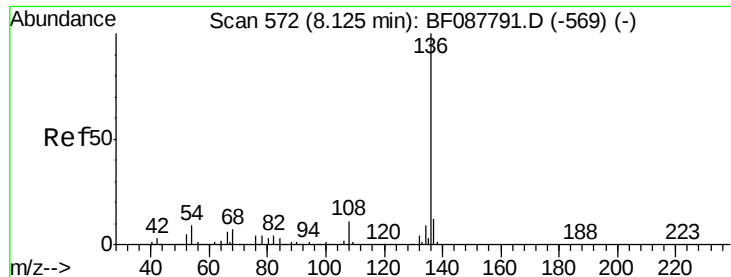
Tgt Ion: 70 Resp: 52211

Ion	Ratio	Lower	Upper
70	100		
42	42.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



Abundance Ion 70.00 (69.70 to 70.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 403530

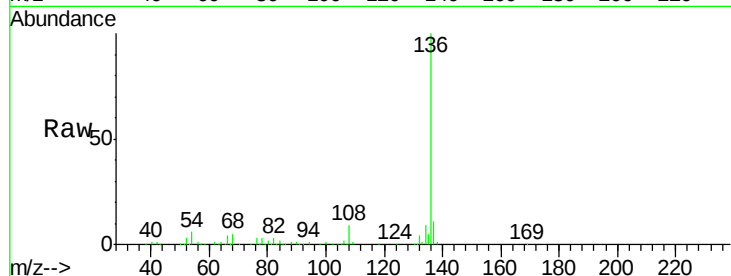
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.0 6.6 10.0#

68 5.1 5.1 7.7#

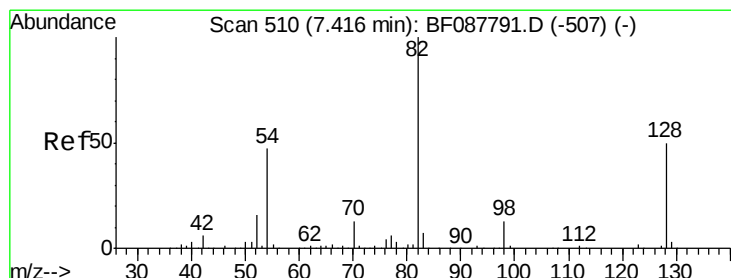
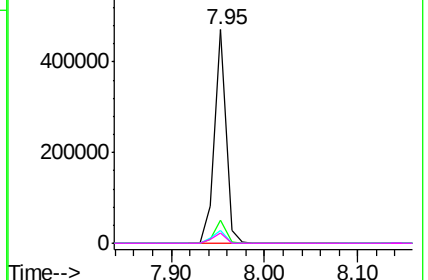
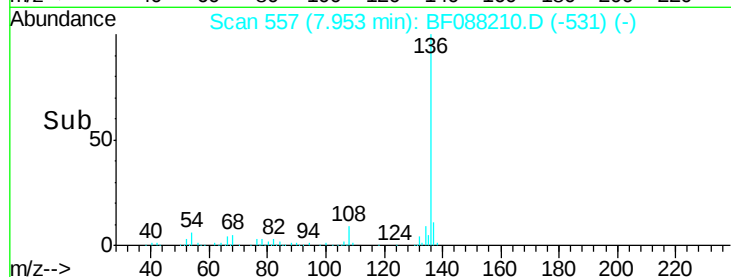


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.90 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

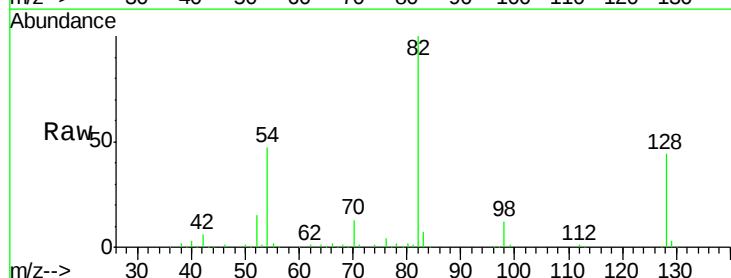
Tgt Ion: 82 Resp: 413963

Ion Ratio Lower Upper

82 100

128 44.4 35.9 53.9

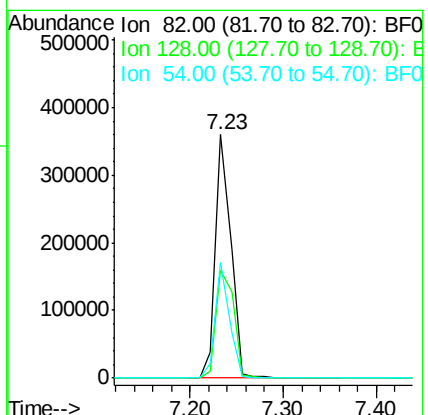
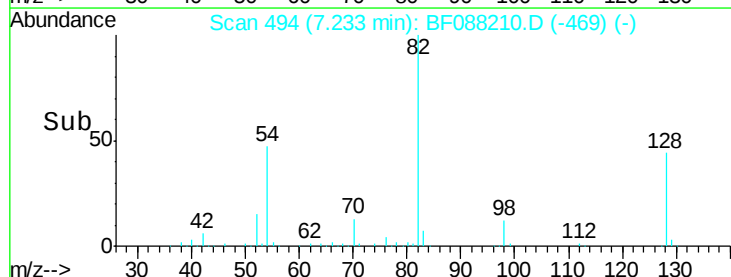
54 47.5 40.9 61.3

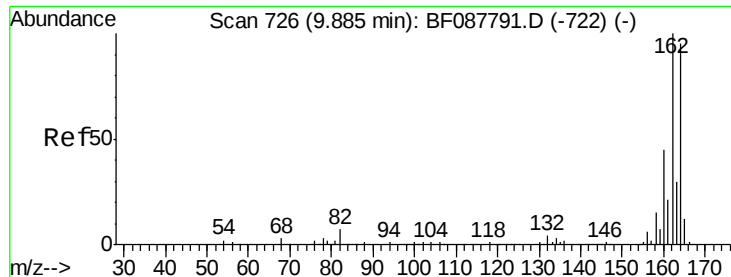


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

Instrument :

BNA_F

ClientSampleId :

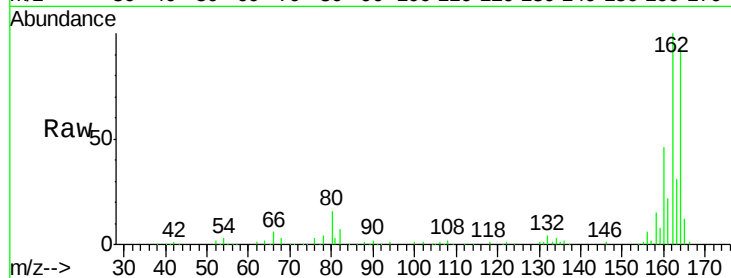
Tot Ion:164 Resp: 169535

Ion Ratio Lower Upper

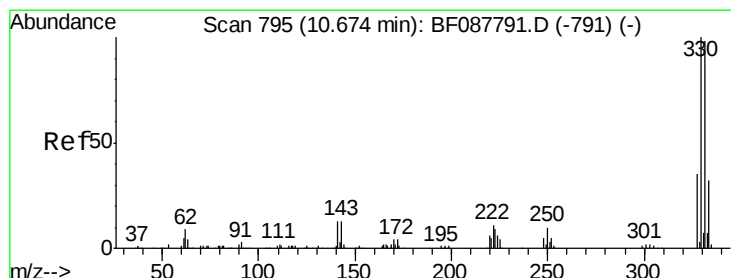
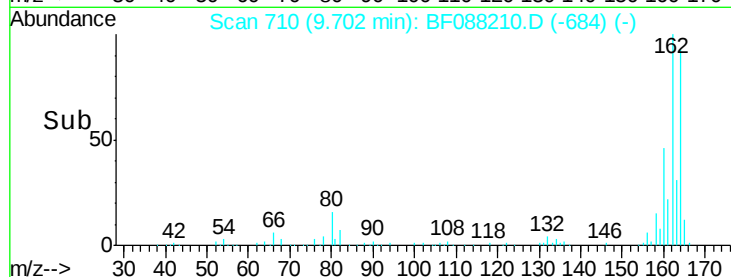
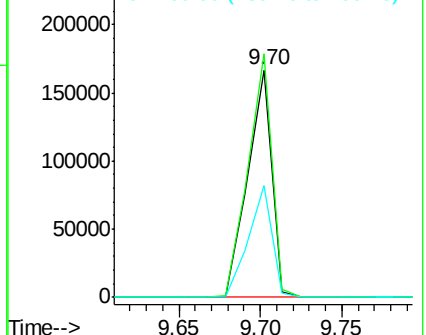
164 100

162 107.1 85.4 128.2

160 49.1 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: 80.08 ng

RT: 10.49 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF088210.D

Acq: 21 Jun 2016 10:25

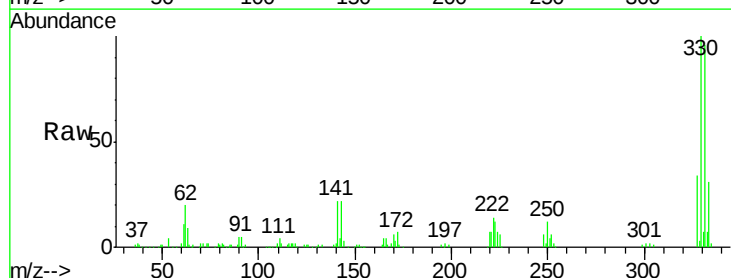
Tgt Ion:330 Resp: 143347

Ion Ratio Lower Upper

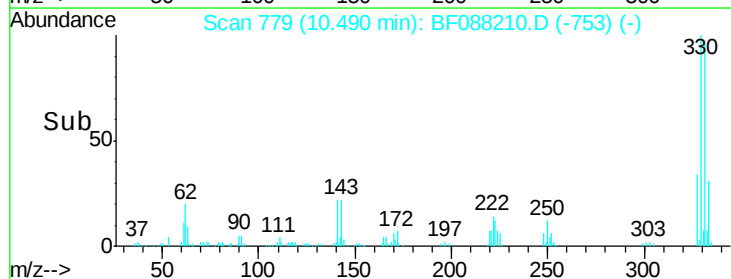
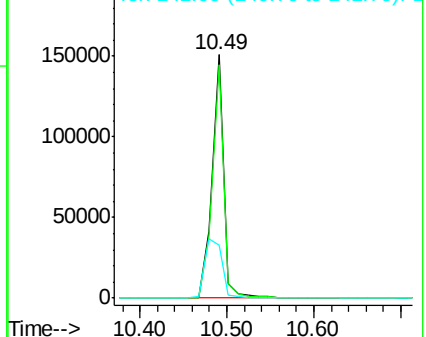
330 100

332 95.3 0.0 0.0#

141 35.6 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

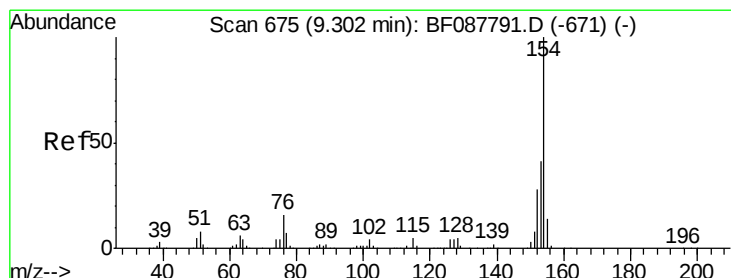
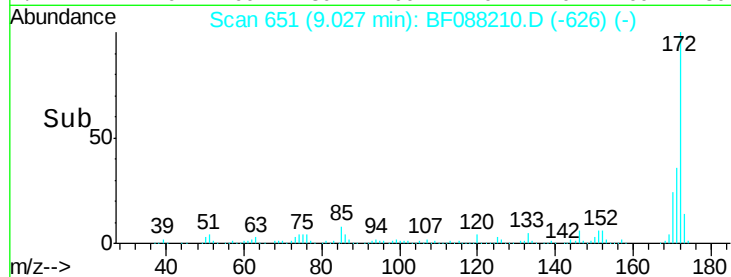
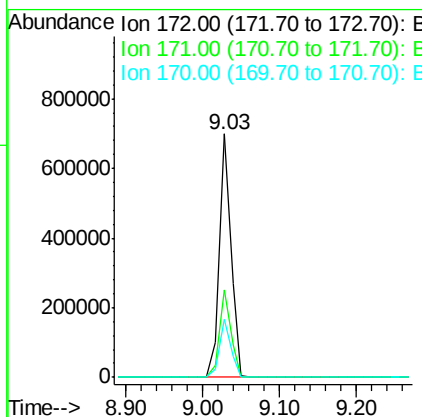
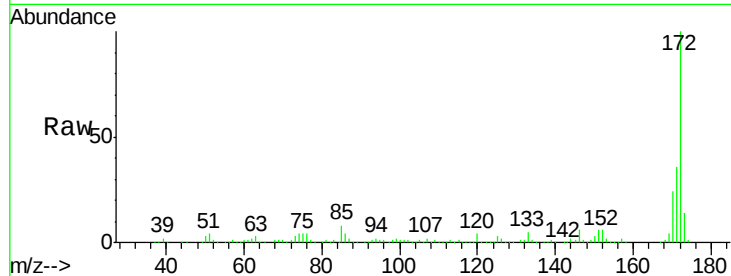




#44
 2-Fluorobiphenyl
 Concen: 67.60 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

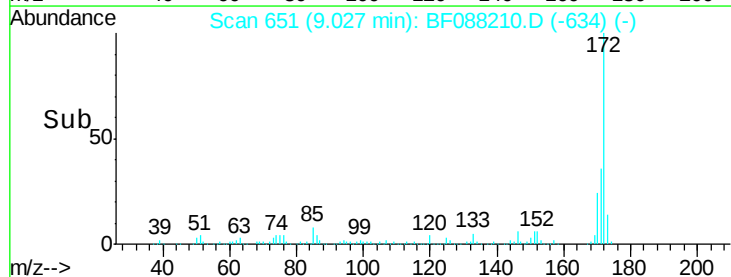
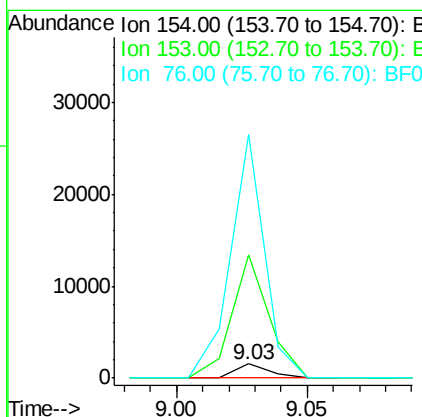
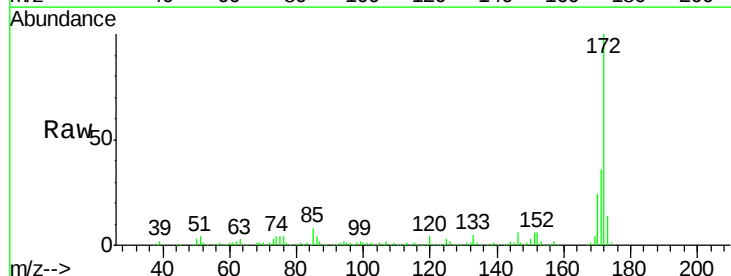
Instrument :
 BNA_F
 ClientSampleId :

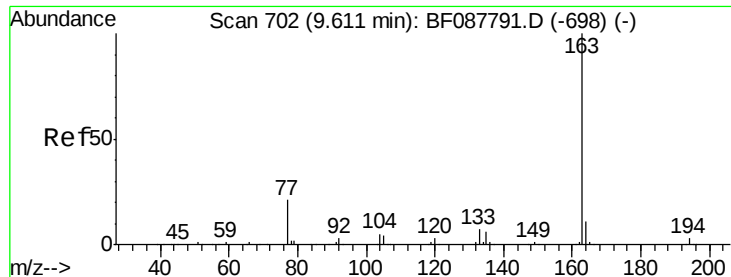
Tot Ion:172 Resp: 741732
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.7 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.03 min Scan# 651
 Delta R.T. -0.10 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Tgt Ion:154 Resp: 1399
 Ion Ratio Lower Upper
 154 100
 153 866.3 20.6 60.6#
 76 1705.0 0.0 35.1#

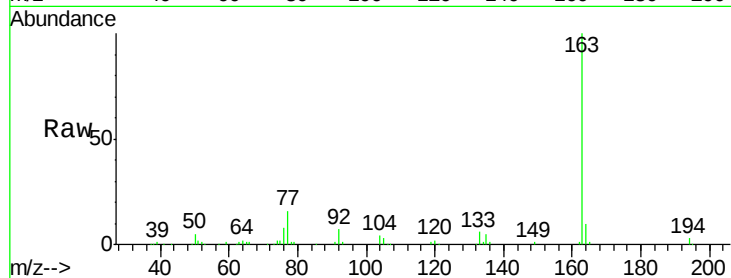




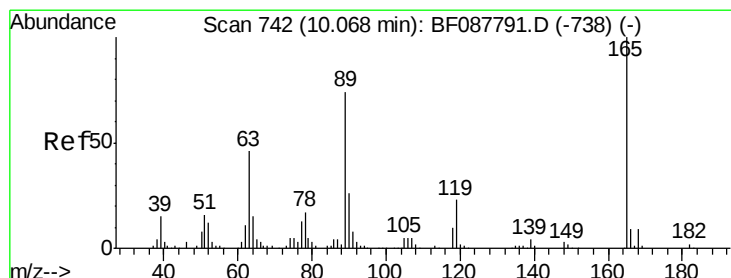
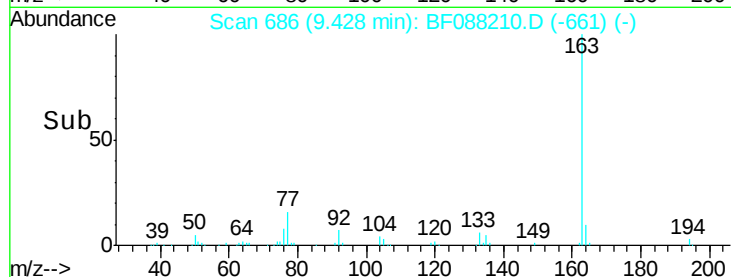
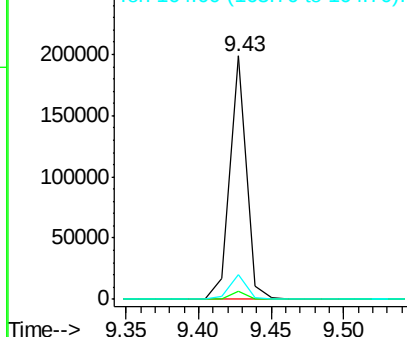
#49
Dimethylphthalate
Concen: 12.83 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 157573
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.0 8.3 12.5

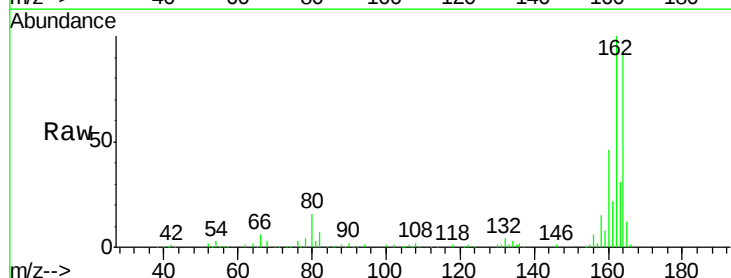


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

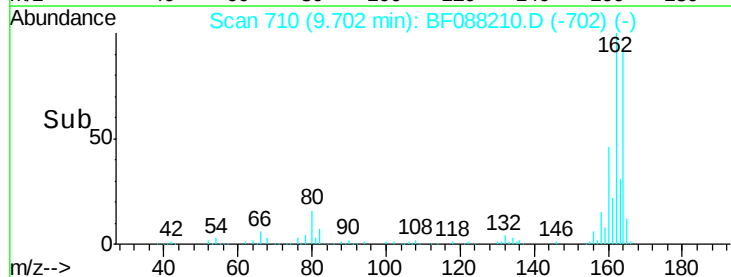
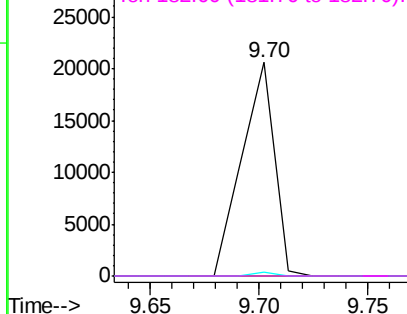


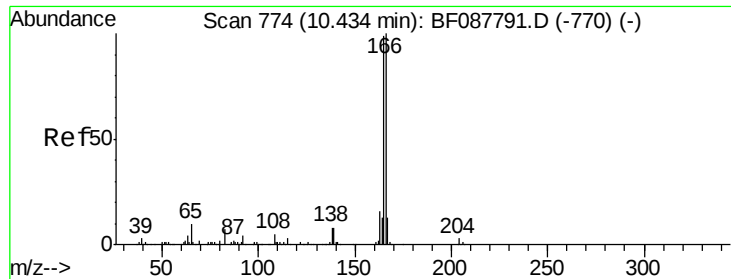
#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Tgt Ion:165 Resp: 21402
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 1.6 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

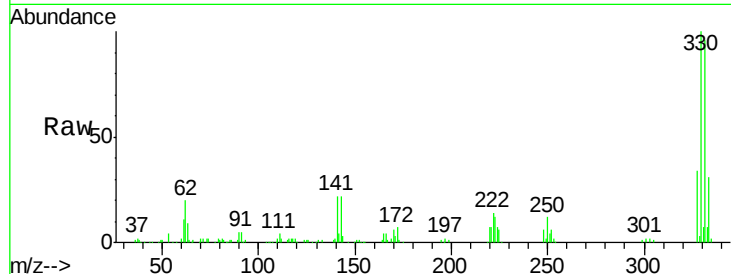




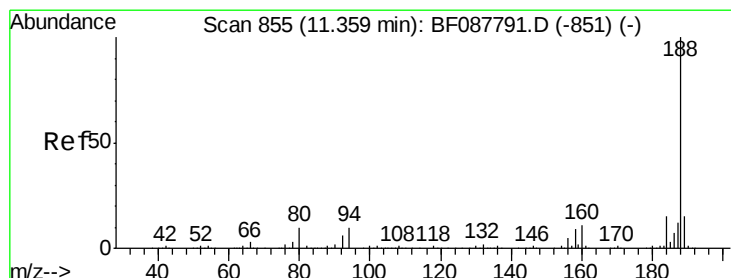
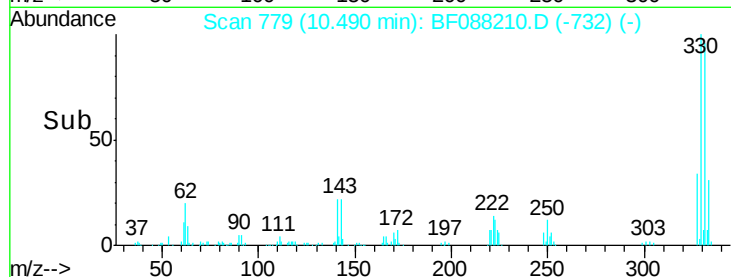
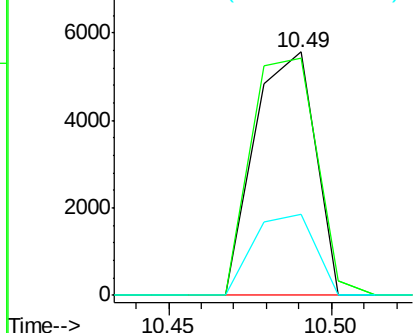
#57
Fluorene
 Concen: Below Cal
 RT: 10.49 min Scan# 779
 Delta R.T. 0.24 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 7129
 Ion Ratio Lower Upper
 166 100
 165 97.4 77.8 116.8
 167 33.4 11.2 16.8#

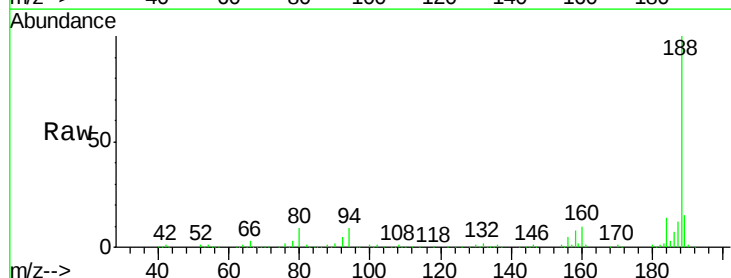


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

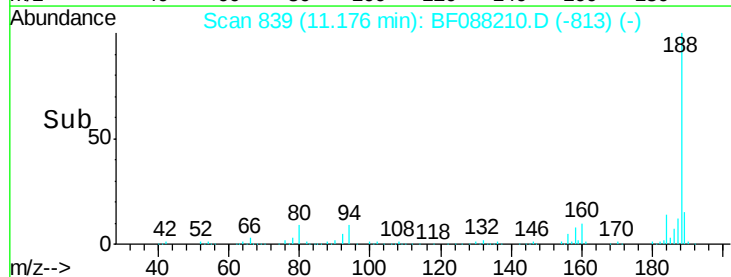
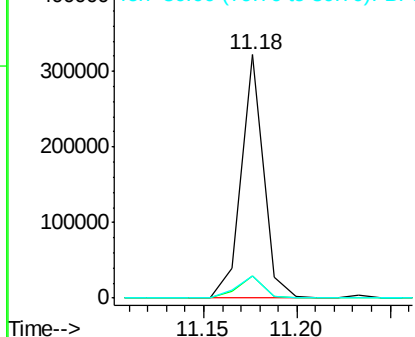


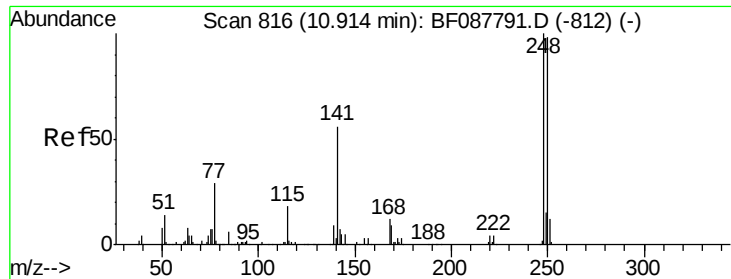
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Tgt Ion:188 Resp: 269394
 Ion Ratio Lower Upper
 188 100
 94 9.2 9.0 13.6
 80 9.4 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

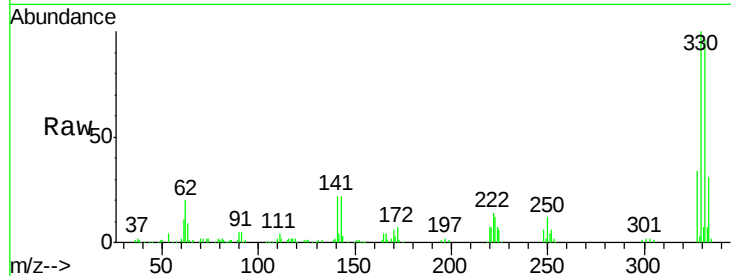




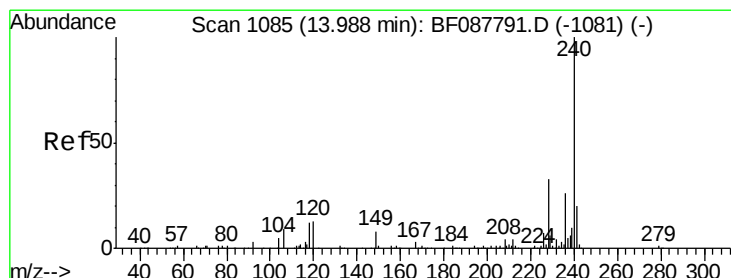
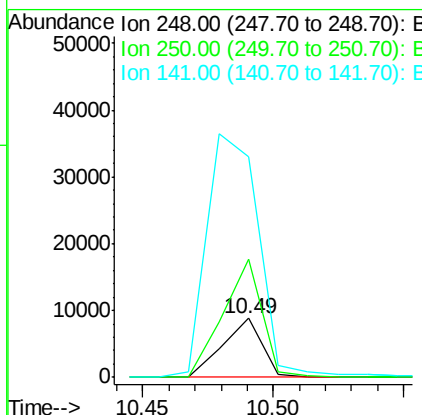
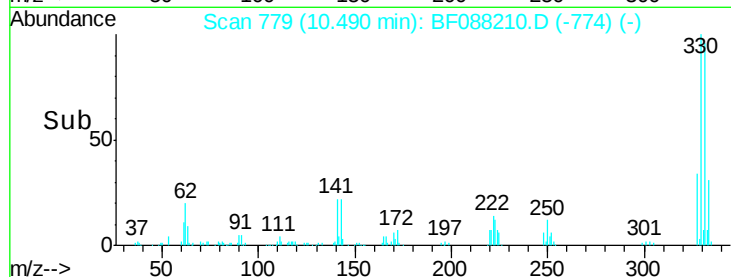
#66
4-Bromophenyl-phenylether
Concen: 3.22 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9311
Ion Ratio Lower Upper
248 100
250 199.5 77.1 115.7#
141 372.3 50.6 76.0#

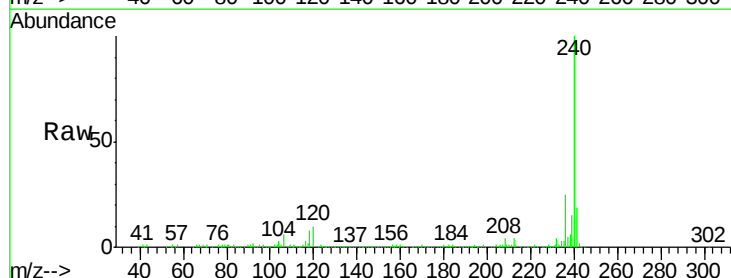


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

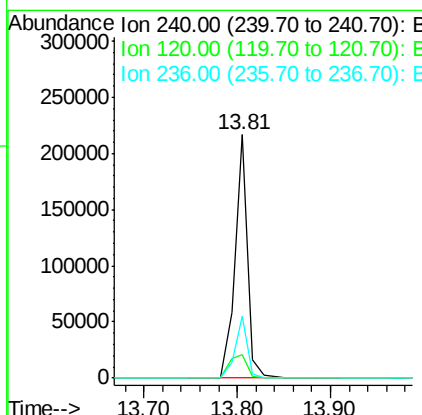
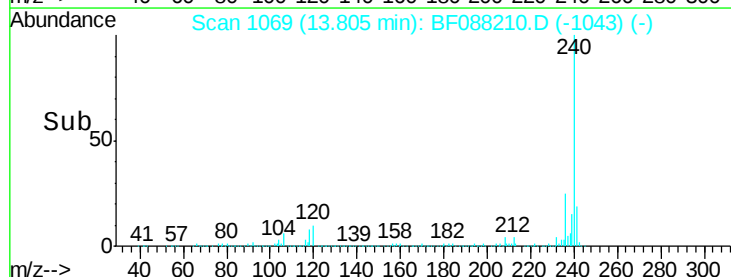


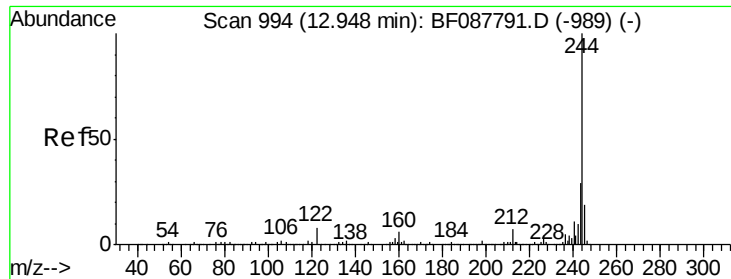
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088210.D
Acq: 21 Jun 2016 10:25

Tgt Ion:240 Resp: 203635
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 25.4 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

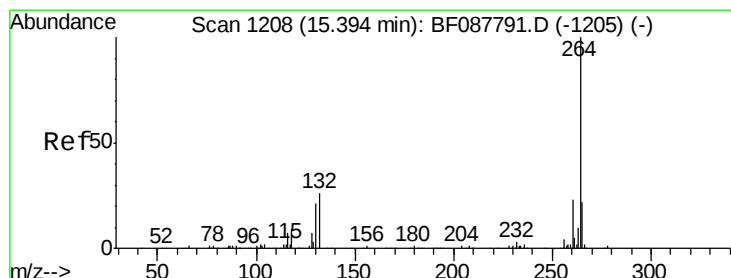
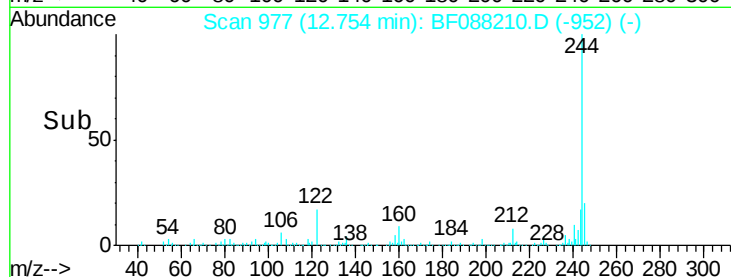
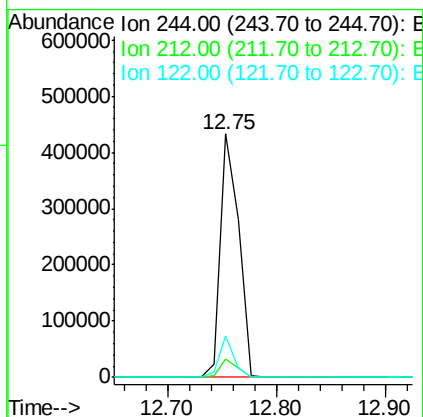
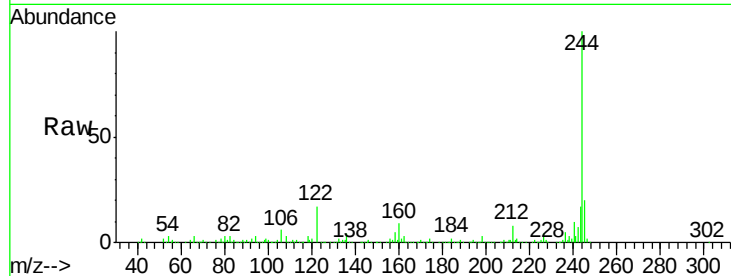




#78
 Terphenyl-d14
 Concen: 56.91 ng
 RT: 12.75 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 509248
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 17.0 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF088210.D
 Acq: 21 Jun 2016 10:25

Tgt Ion:264 Resp: 194953
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 16.9 25.3

