

Data Path : Z:\HPCHEM1\BNA F\Data\BF051216\
 Data File : BF086962.D
 Acq On : 13 May 2016 8:39
 Operator : UM/SJ
 Sample : H2994-17
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 14:34:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

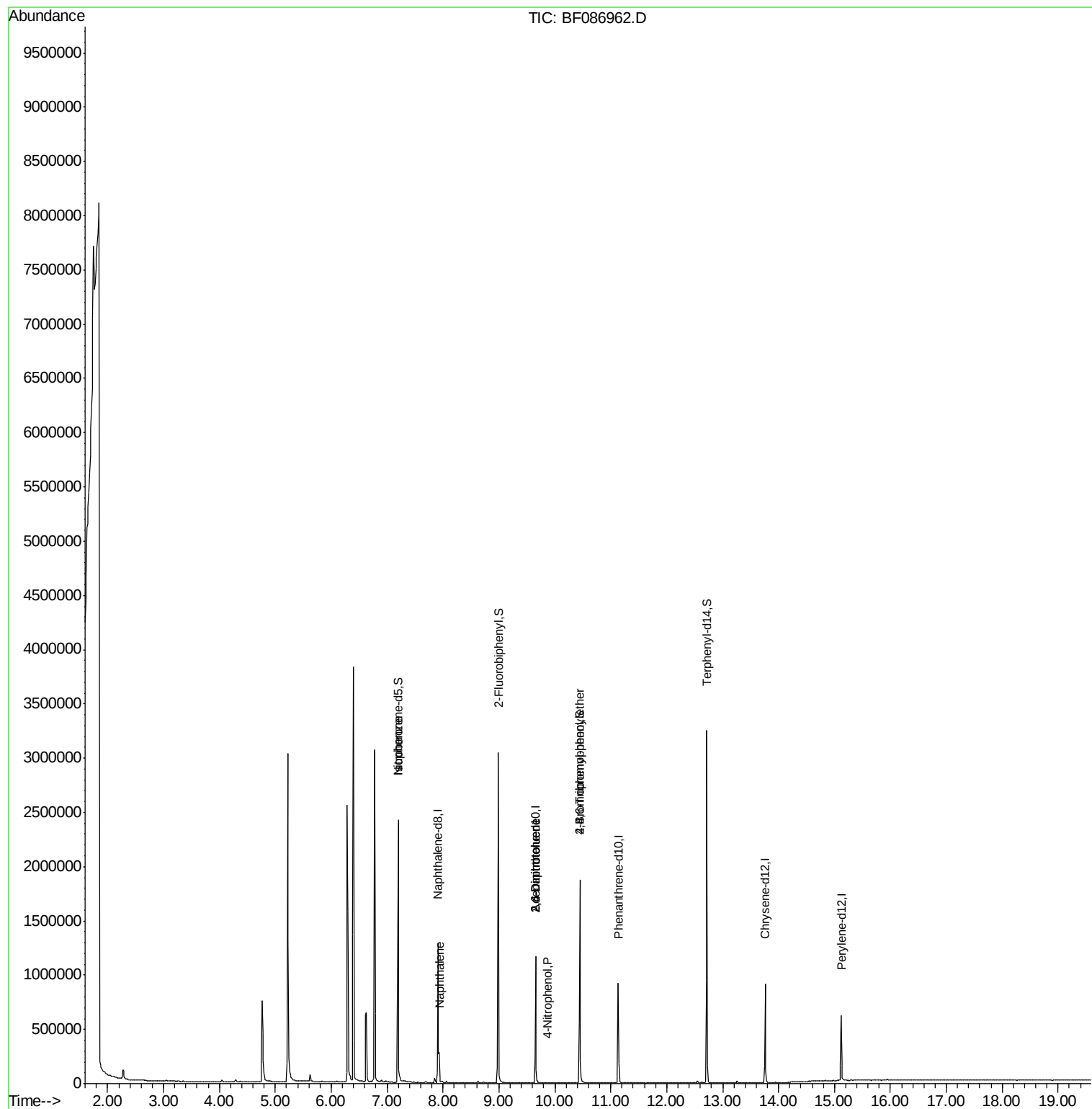
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	513296	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	211908	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	323228	20.00	ng	-0.08
75) Chrysene-d12	13.76	240	299645	20.00	ng	-0.08
86) Perylene-d12	15.12	264	242362	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	841957	0.00	ng	-0.07
7) Phenol-d6	6.28	99	1019411	0.00	ng	-0.08
23) Nitrobenzene-d5	7.20	82	827419	80.94	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	205352	91.54	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1234933	97.94	ng	-0.07
78) Terphenyl-d14	12.72	244	929449	65.81	ng	-0.08
Target Compounds						
25) Isophorone	7.20	82	803791	42.38	ng	# 68
31) Naphthalene	7.93	128	106867	4.16	ng	# 99
50) 2,6-Dinitrotoluene	9.66	165	26320	7.74	ng	# 21
55) 4-Nitrophenol	9.86	139	876	4.91	ng	# 14
56) 2,4-Dinitrotoluene	9.66	165	26322	6.25	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	13464	4.11	ng	# 1

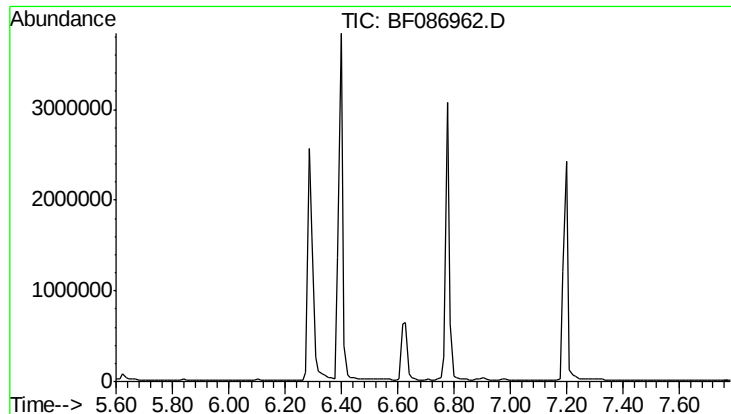
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

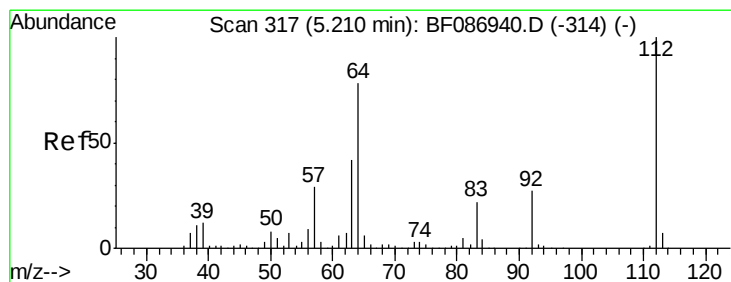
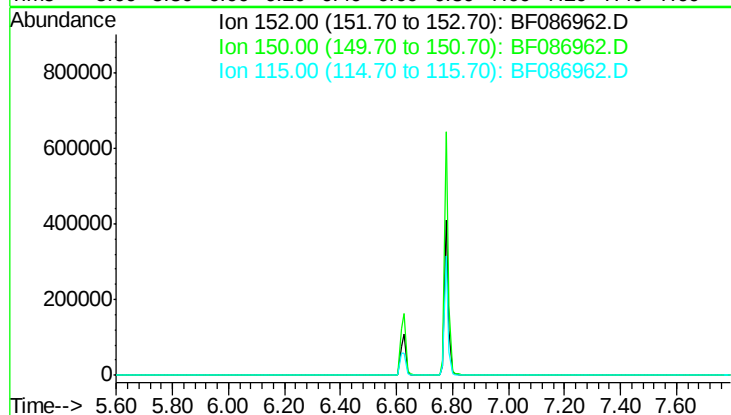
Tot Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

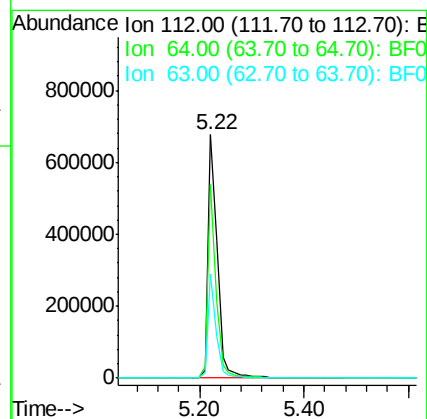
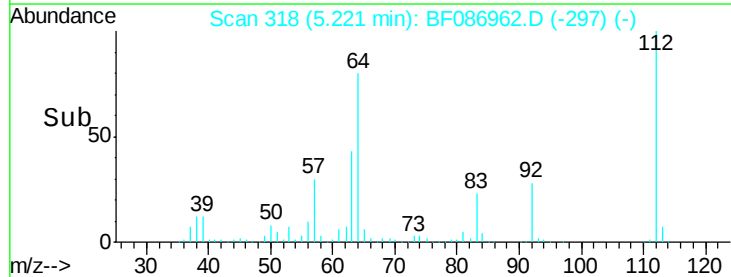
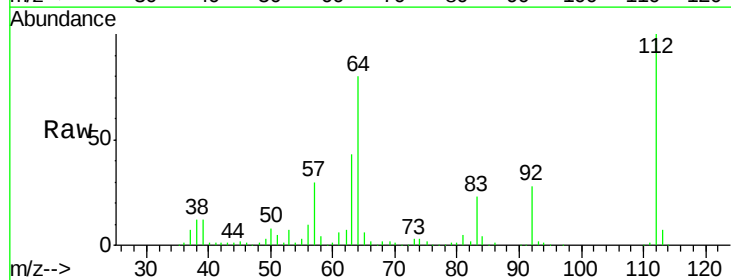
Tgt Ion:112 Resp: 841957

Ion Ratio Lower Upper

112 100

64 79.7 52.1 78.1#

63 42.9 25.7 38.5#





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Instrument :

BNA_F

ClientSampleId :

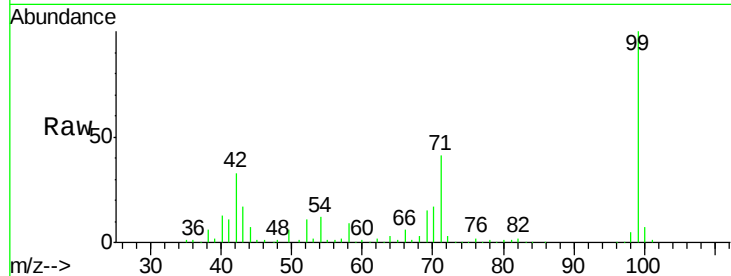
Tot Ion: 99 Resp: 1019411

Ion Ratio Lower Upper

99 100

42 33.4 13.6 20.4#

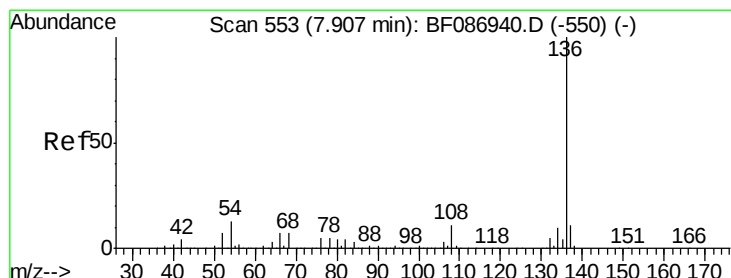
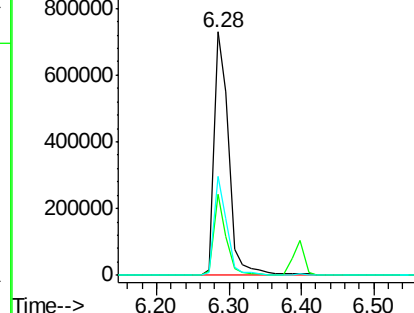
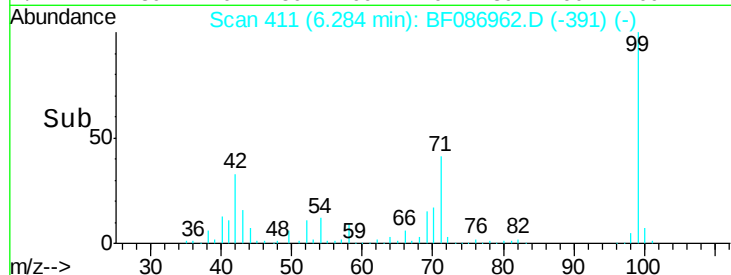
71 40.5 24.6 36.8#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086962.D

Acq: 13 May 2016 8:39

Tgt Ion: 136 Resp: 513296

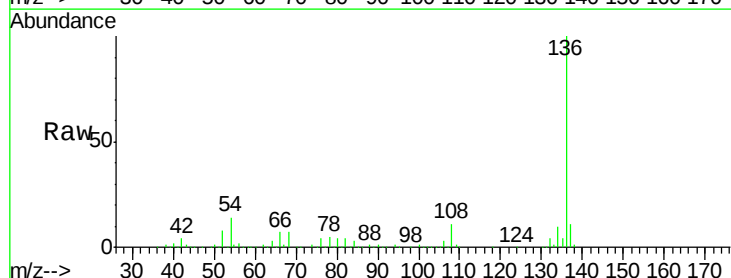
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 13.6 5.0 7.4#

68 7.2 4.4 6.6#

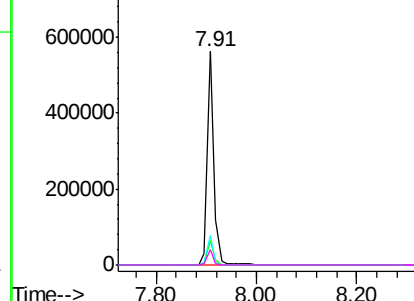
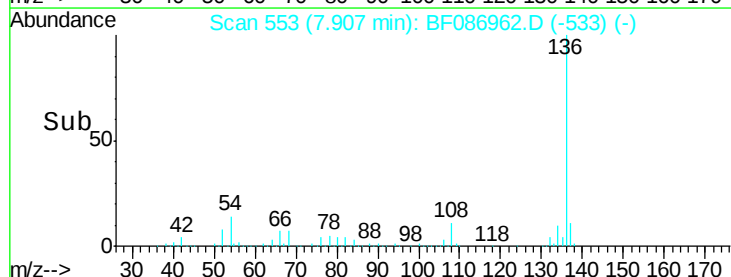


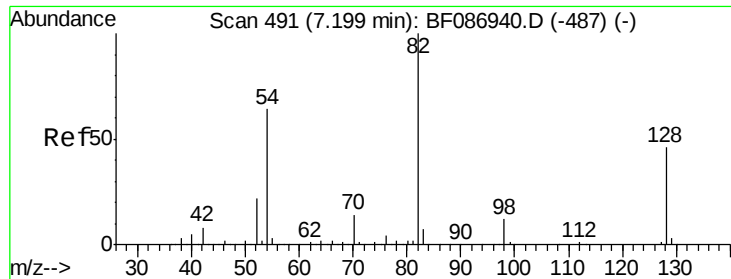
Abundance Ion 136.00 (135.70 to 136.70): E

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

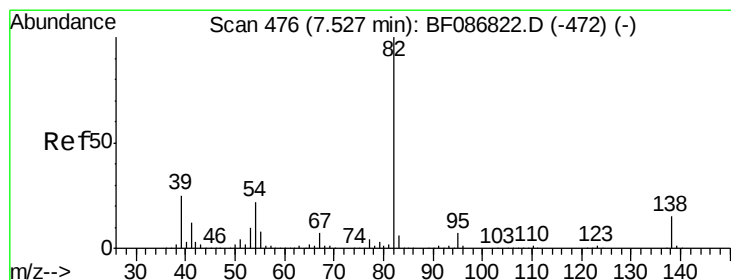
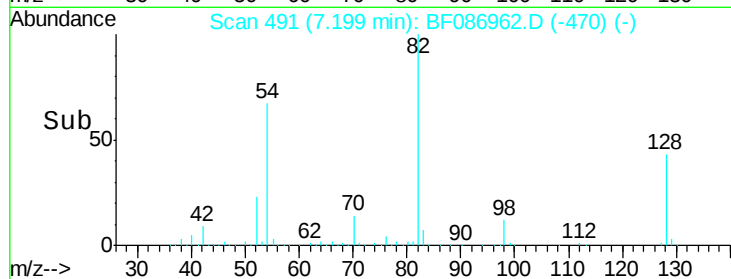
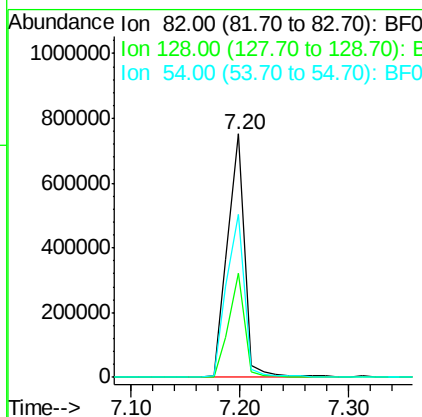
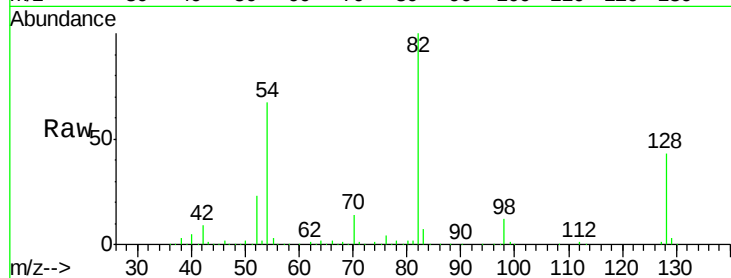




#23
 Nitrobenzene-d5
 Concen: 80.94 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

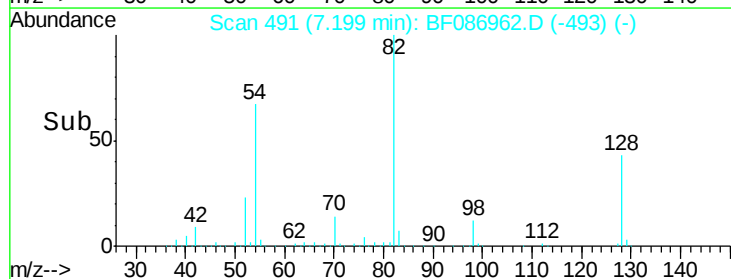
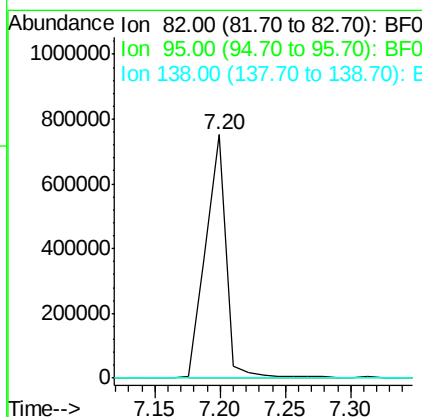
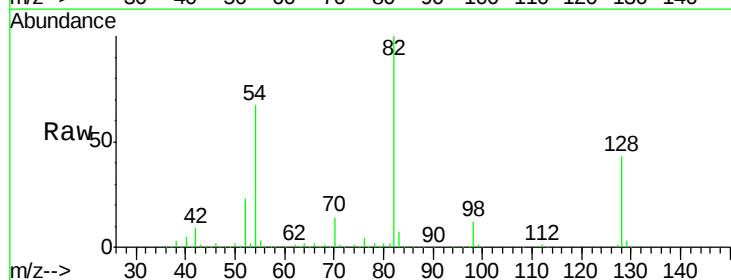
Instrument :
 BNA_F
 ClientSampleId :

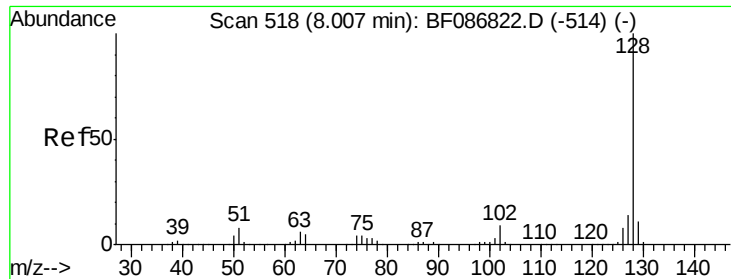
Tot Ion	82	Resp	827419
Ion Ratio	Lower	Upper	
82	100		
128	42.9	40.6	61.0
54	67.2	38.1	57.1#



#25
 Isophorone
 Concen: 42.38 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion	82	Resp	803791
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.1	7.7#
138	0.0	12.4	18.6#

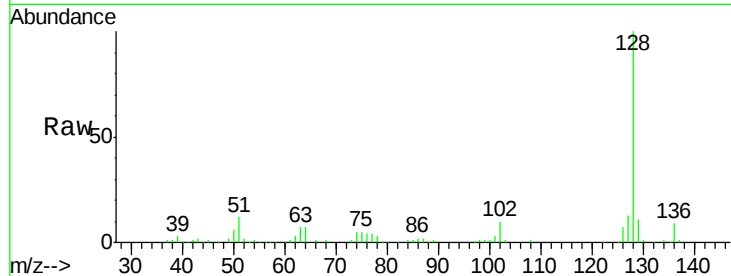




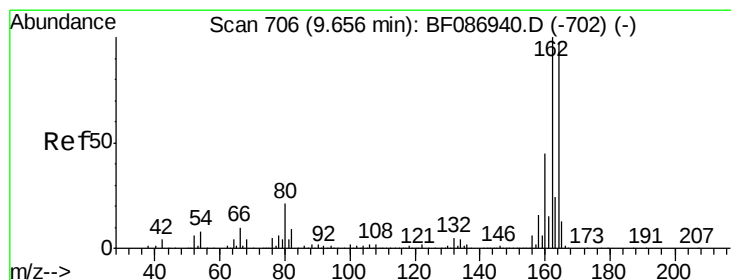
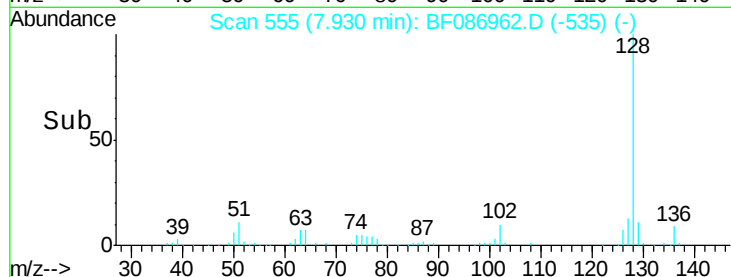
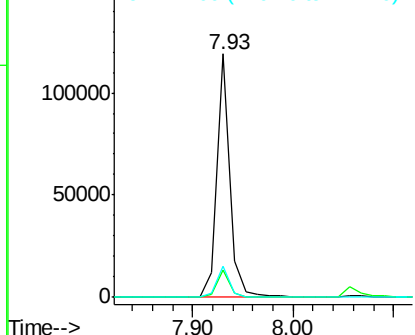
#31
Naphthalene
Concen: 4.16 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.08 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 106867
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.9 10.8 16.2

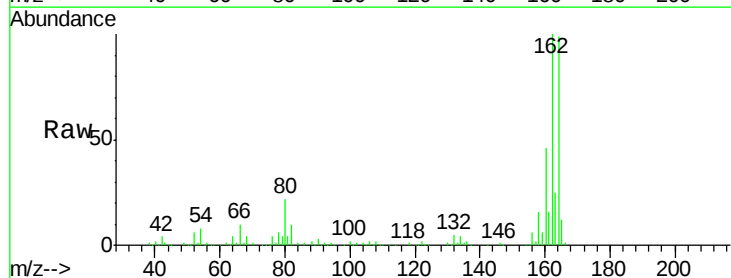


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

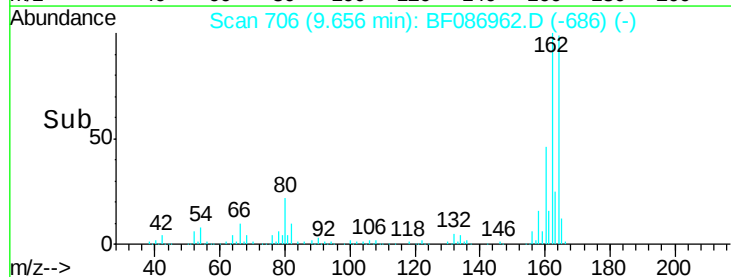
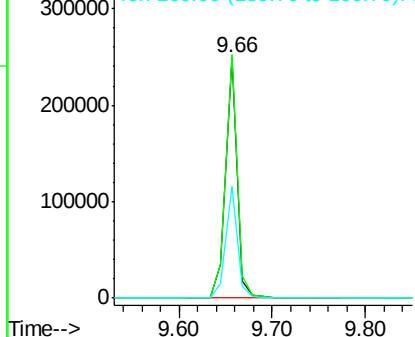


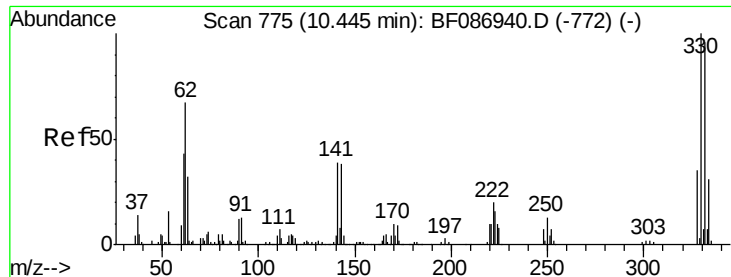
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.08 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Tgt Ion:164 Resp: 211908
Ion Ratio Lower Upper
164 100
162 101.2 82.8 124.2
160 46.5 36.9 55.3



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

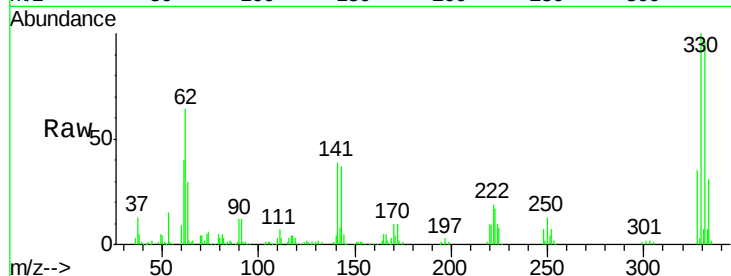




#41
 2,4,6-Tribromophenol
 Concen: 91.54 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	79.0	118.4
141	41.2	31.2	46.8

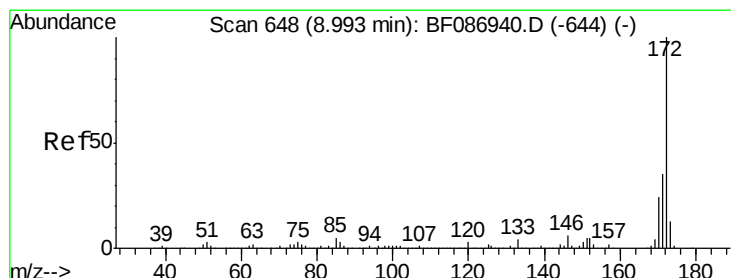
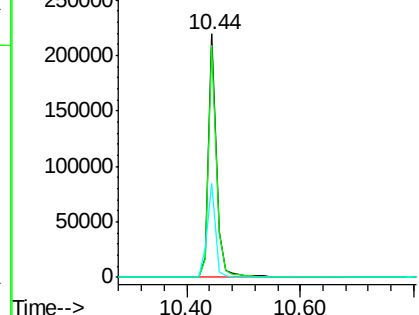
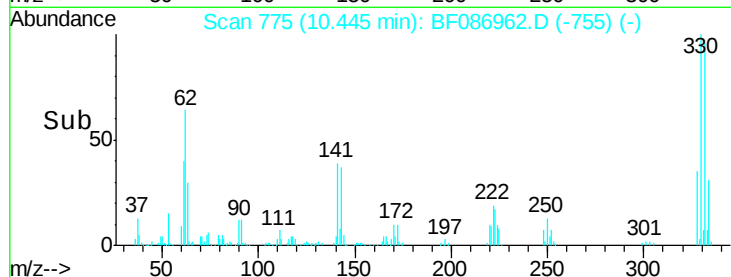


Abundance

Ion 329.80 (329.50 to 330.50): E

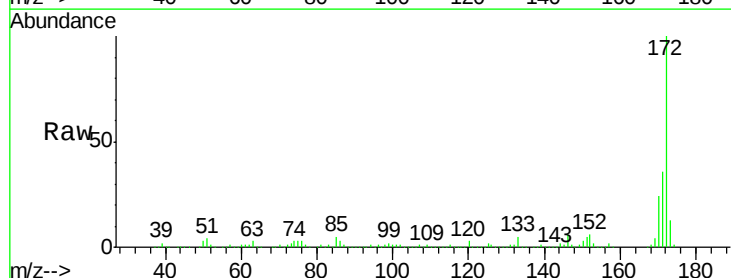
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.94 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.6
170	24.3	19.8	29.8

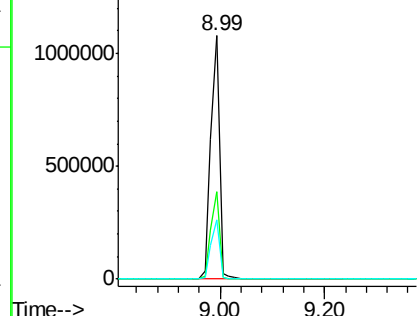
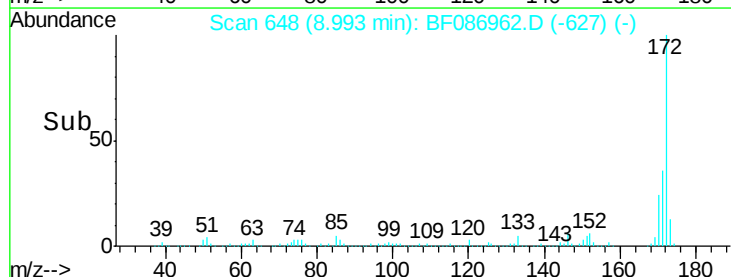


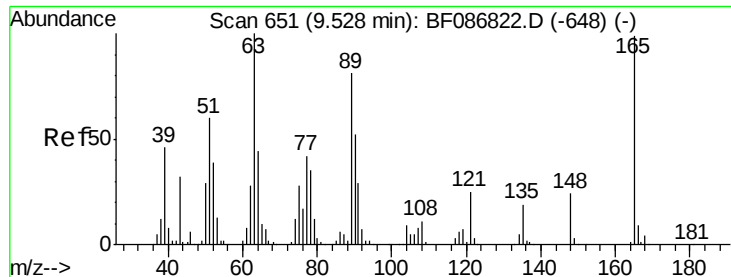
Abundance

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

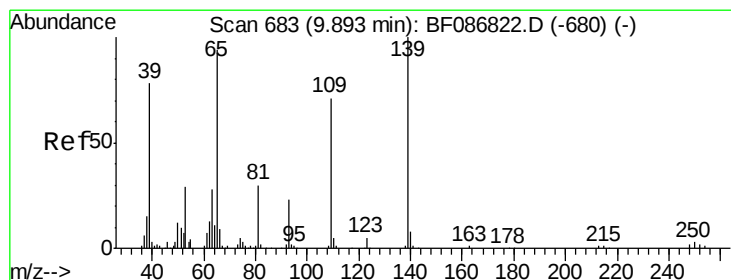
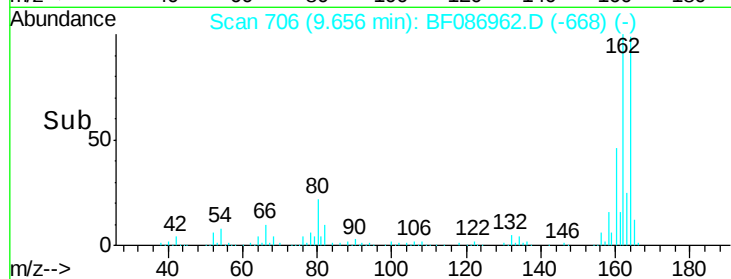
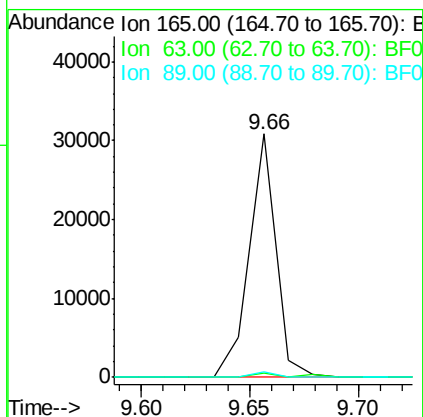
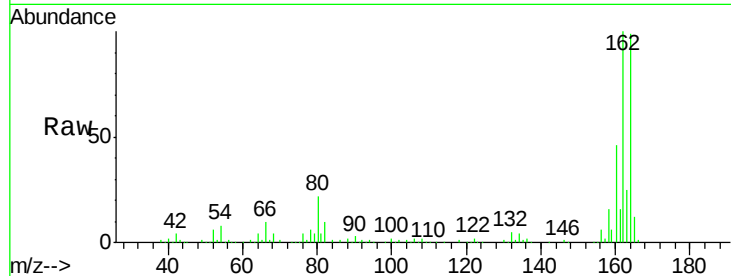




#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.13 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

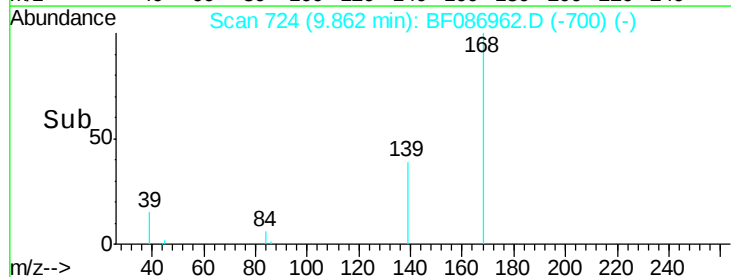
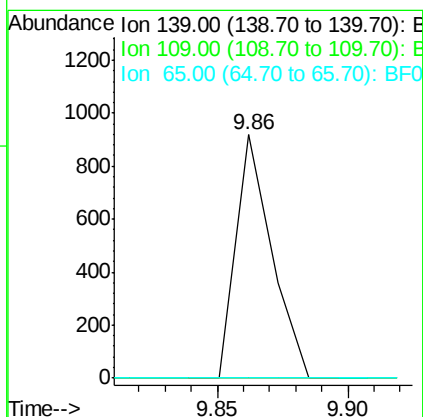
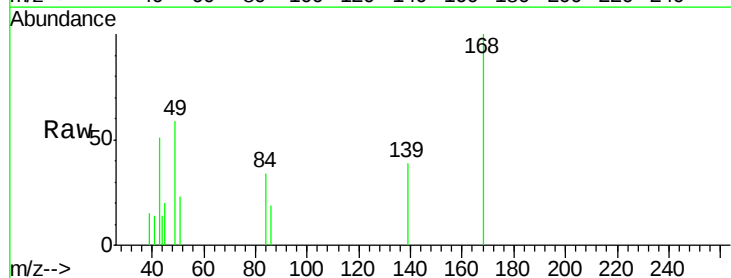
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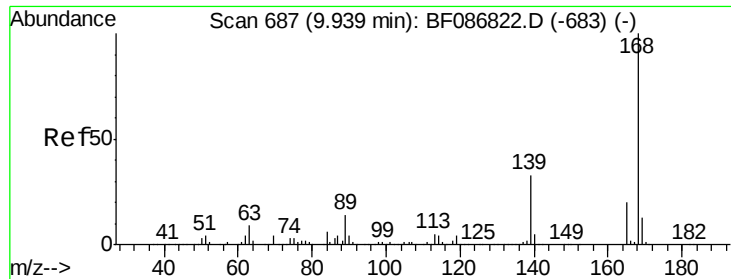
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	51.8	77.8#
89	2.2	50.7	76.1#



#55
 4-Nitrophenol
 Concen: 4.91 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.03 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.9	76.9#
65	0.0	64.0	104.0#

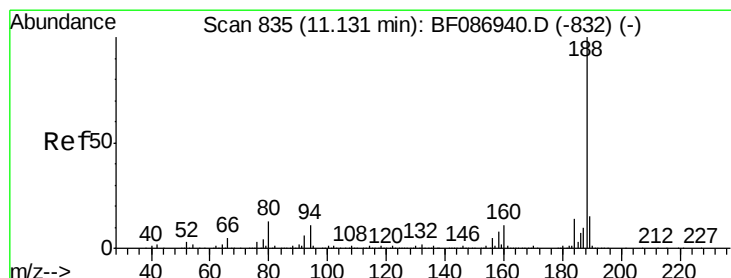
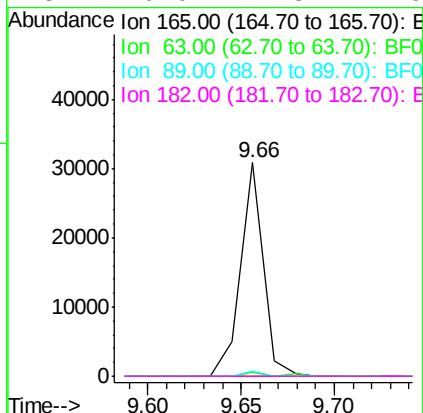
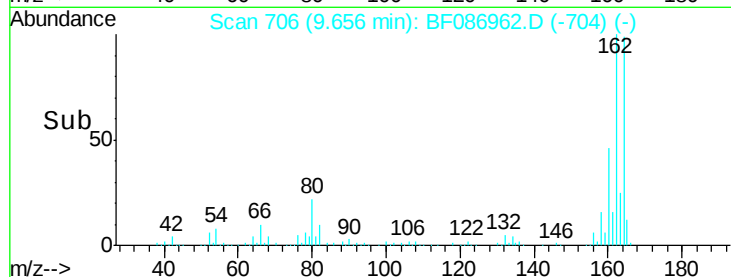
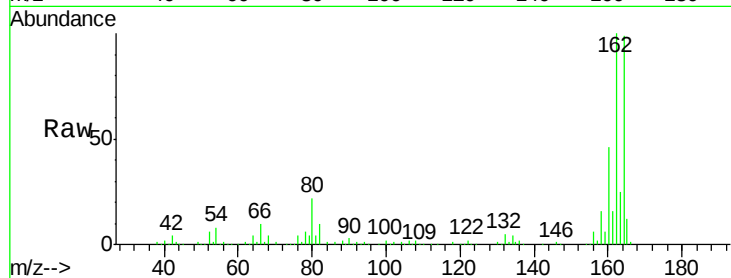




#56
 2,4-Dinitrotoluene
 Concen: 6.25 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.28 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

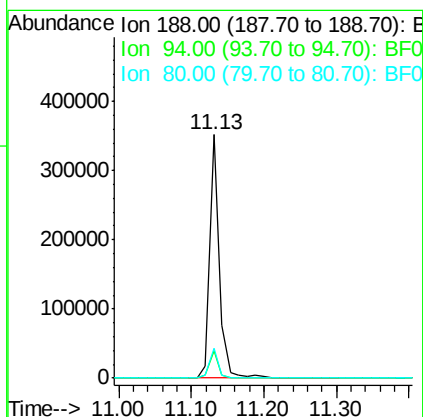
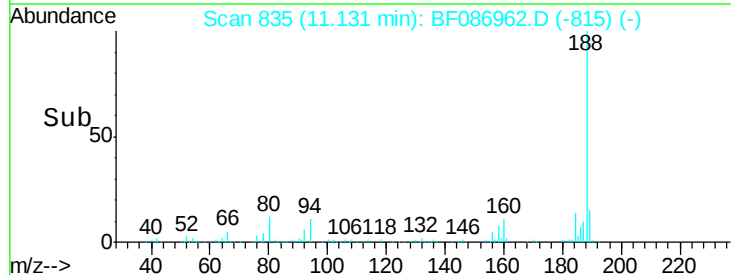
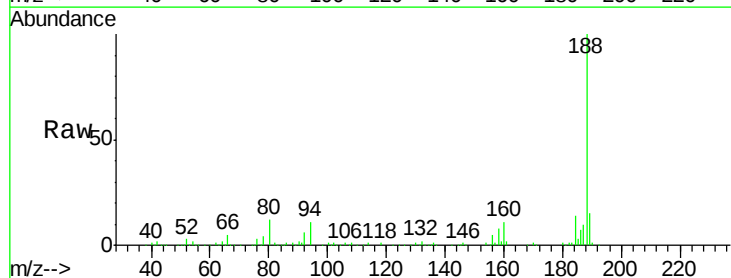
Instrument :
 BNA_F
 ClientSampleId :

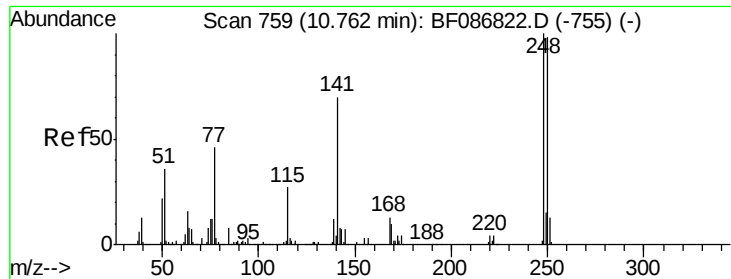
Tot Ion:165 Resp: 26322
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.3 66.5#
 89 2.2 70.0 105.0#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. -0.08 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion:188 Resp: 323228
 Ion Ratio Lower Upper
 188 100
 94 11.2 6.8 10.2#
 80 12.5 7.1 10.7#

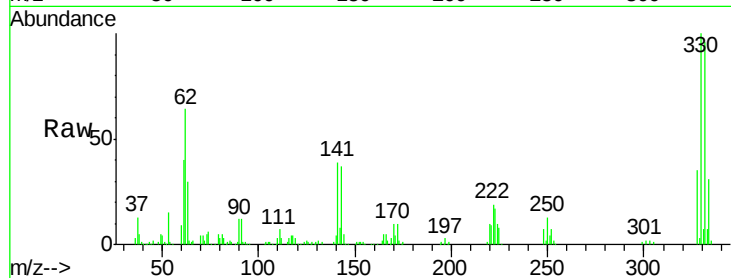




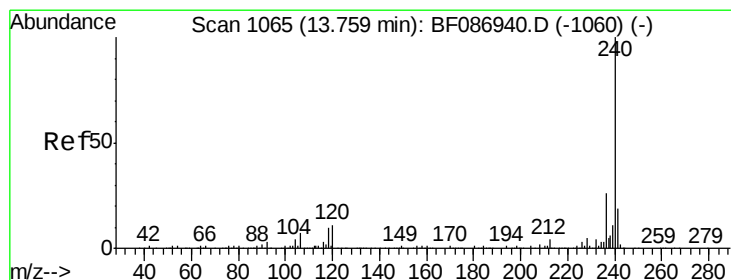
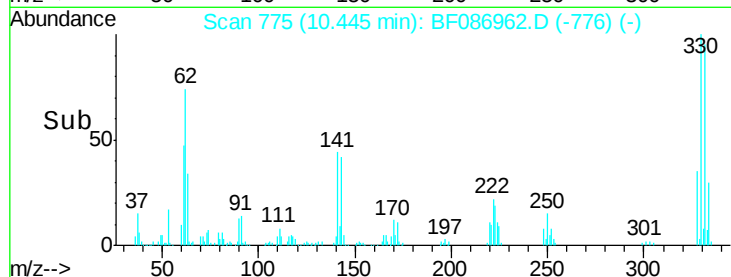
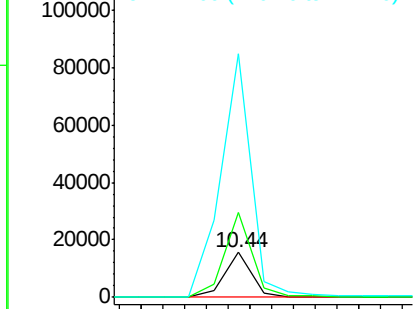
#66
4-Bromophenyl-phenylether
Concen: 4.11 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.32 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13464
Ion Ratio Lower Upper
248 100
250 190.3 78.6 117.8#
141 545.3 76.0 114.0#

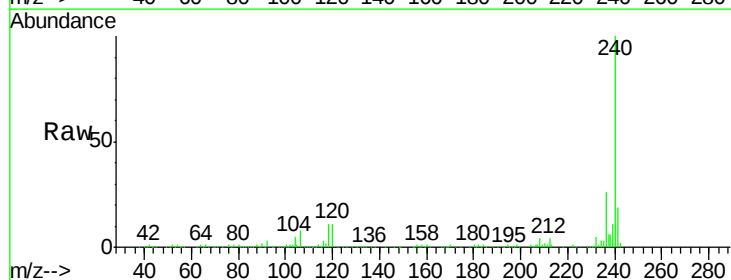


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

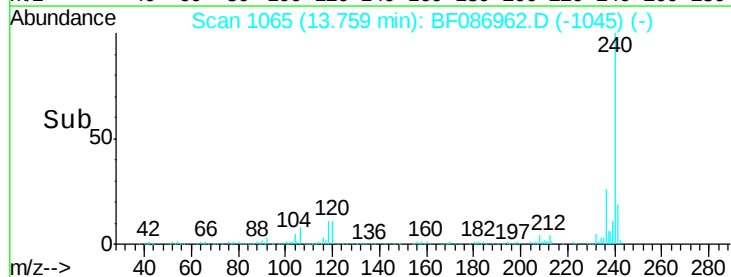
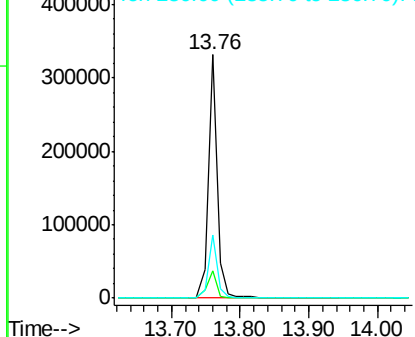


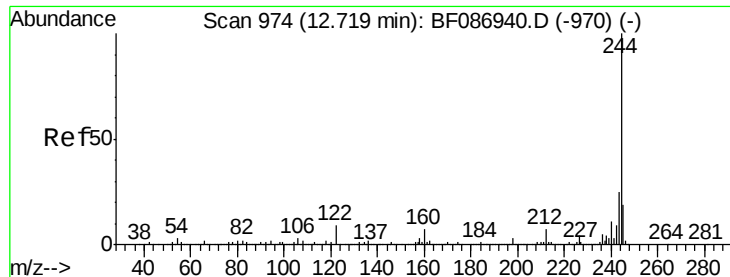
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF086962.D
Acq: 13 May 2016 8:39

Tgt Ion:240 Resp: 299645
Ion Ratio Lower Upper
240 100
120 11.5 11.2 16.8
236 25.7 21.2 31.8



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

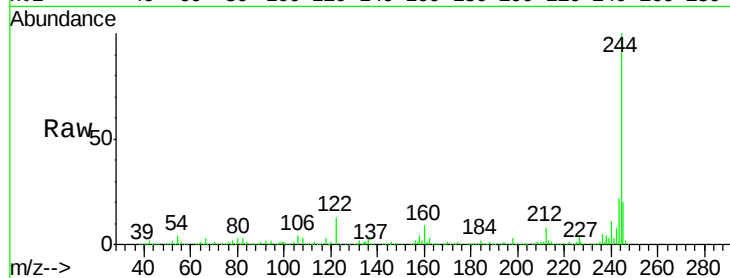




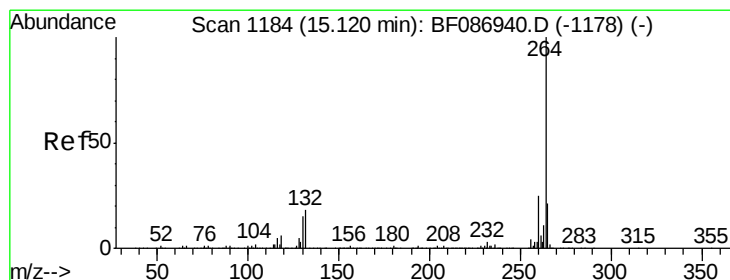
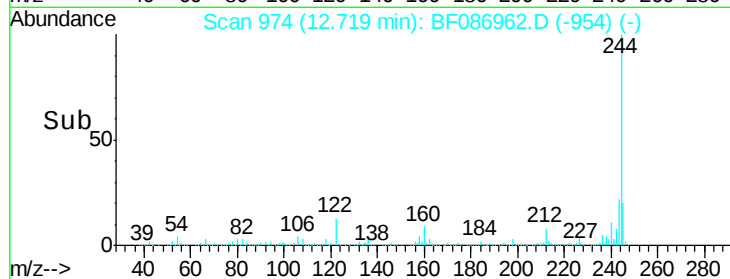
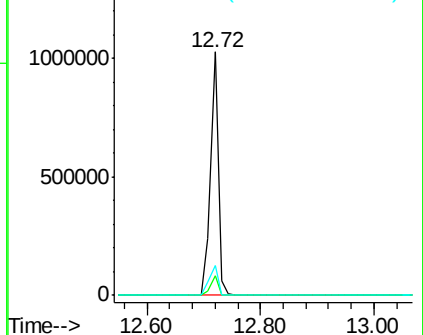
#78
 Terphenyl-d14
 Concen: 65.81 ng
 RT: 12.72 min Scan# 974
 Delta R.T. -0.08 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 929449
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 12.5 12.0 18.0

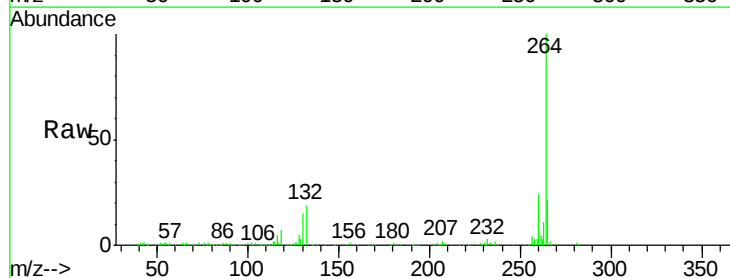


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1184
 Delta R.T. -0.09 min
 Lab File: BF086962.D
 Acq: 13 May 2016 8:39

Tgt Ion:264 Resp: 242362
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.5 17.3 25.9



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

