

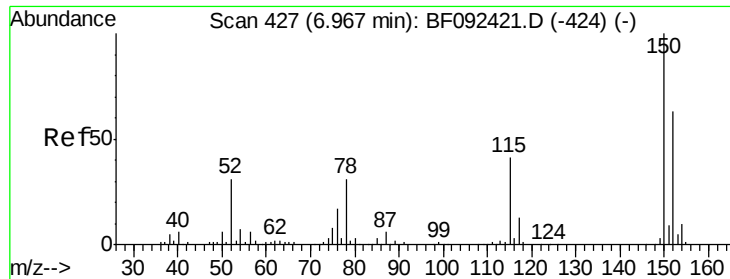
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092614.D
 Acq On : 28 Jan 2017 9:17
 Operator : SJ/MA
 Sample : I1528-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Quant Time: Jan 29 23:47:14 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	157005	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	608685	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	294862	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	397816	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	332778	20.00	ng	0.00
86) Perylene-d12	15.65	264	241227	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1335742	132.37	ng	0.05
7) Phenol-d6	6.62	99	1800419	140.07	ng	0.03
23) Nitrobenzene-d5	7.54	82	879546	78.93	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	235409	117.16	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1617685	101.45	ng	0.00
78) Terphenyl-d14	13.12	244	1072601	85.83	ng	0.00
Target Compounds						
10) Phenol	6.64	94	75057	4.84	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	115945	13.25	ng	# 84
25) Isophorone	7.54	82	711033	32.38	ng	# 65
49) Dimethylphthalate	9.74	163	173728	9.27	ng	100
56) 2,4-Dinitrotoluene	10.03	165	38102	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	328	5.09	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	16448	4.09	ng	# 1
70) Phenanthrene	11.54	178	74382	3.40	ng	96
74) Fluoranthene	12.74	202	68278	3.19	ng	92
77) Pyrene	12.97	202	59911	2.48	ng	98

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

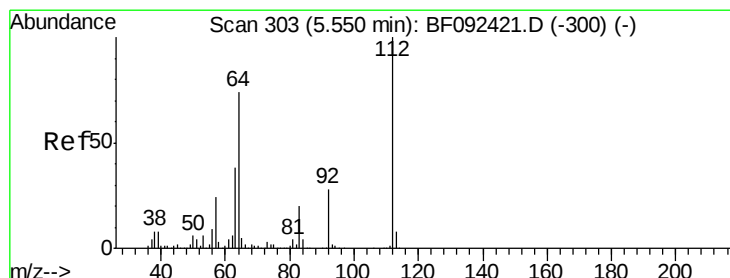
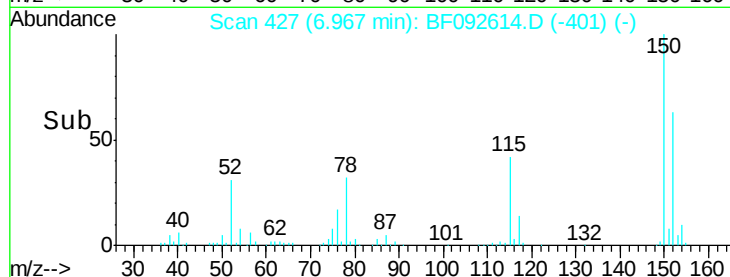
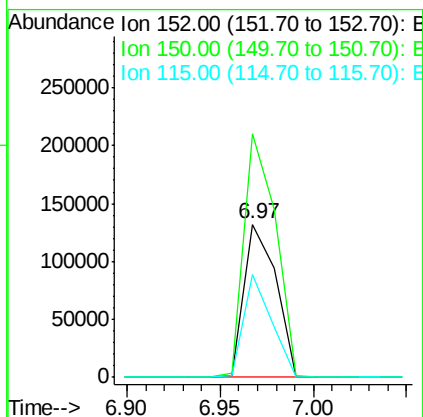
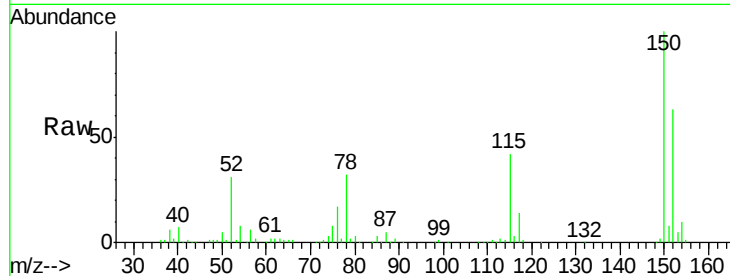


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

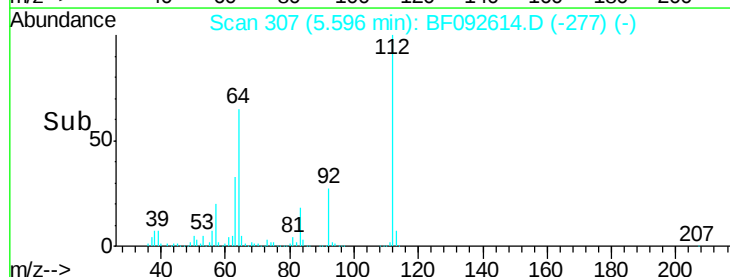
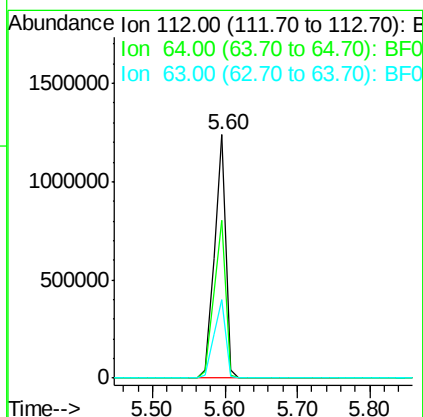
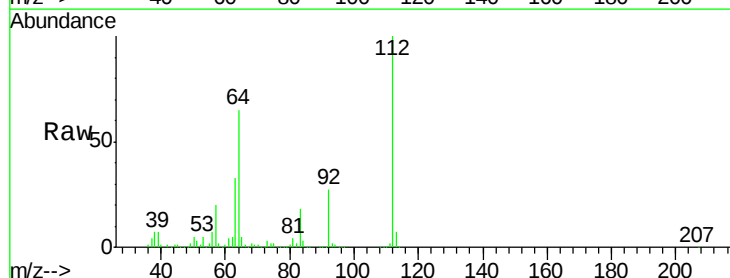
Tgt Ion:152 Resp: 157005
Ion Ratio Lower Upper
152 100
150 159.1 124.9 187.3
115 67.6 46.0 69.0

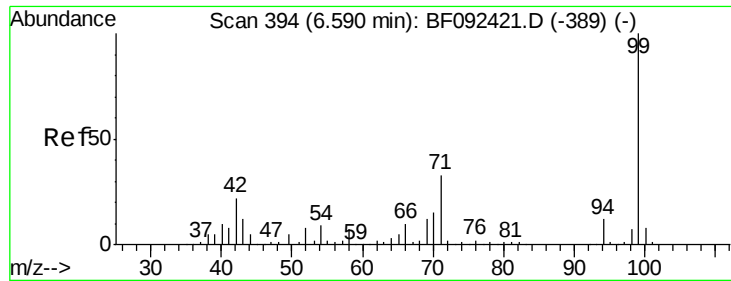


#5

2-Fluorophenol
Concen: 132.37 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

Tgt Ion:112 Resp: 1335742
Ion Ratio Lower Upper
112 100
64 64.9 46.1 69.1
63 32.5 23.8 35.6





#7

Phenol-d6

Concen: 140.07 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

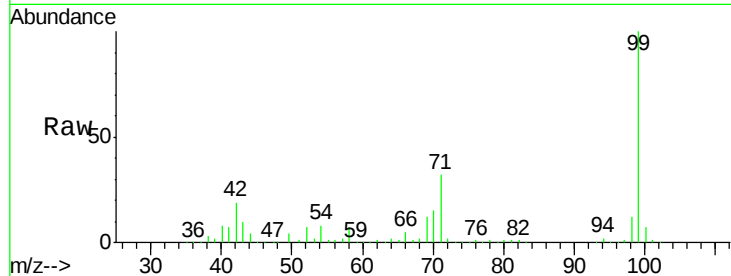
Tgt Ion: 99 Resp: 1800419

Ion Ratio Lower Upper

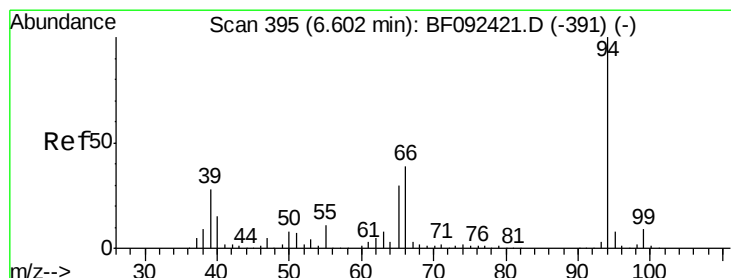
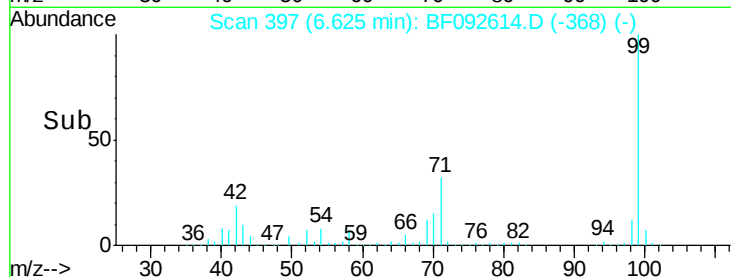
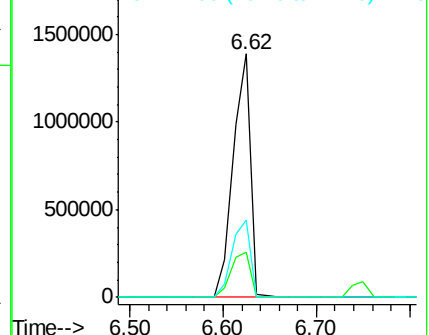
99 100

42 18.6 15.6 23.4

71 31.9 27.5 41.3



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



#10

Phenol

Concen: 4.84 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

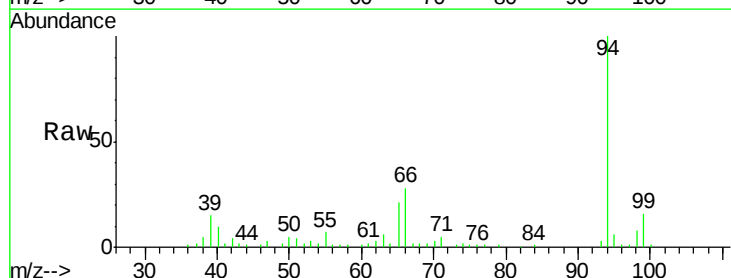
Tgt Ion: 94 Resp: 75057

Ion Ratio Lower Upper

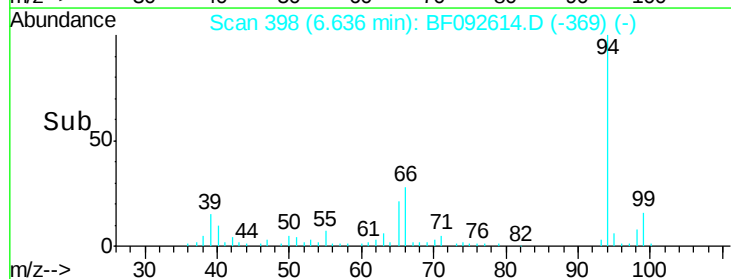
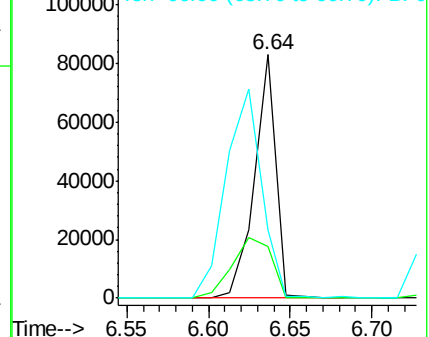
94 100

65 21.2 21.4 61.4#

66 28.0 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

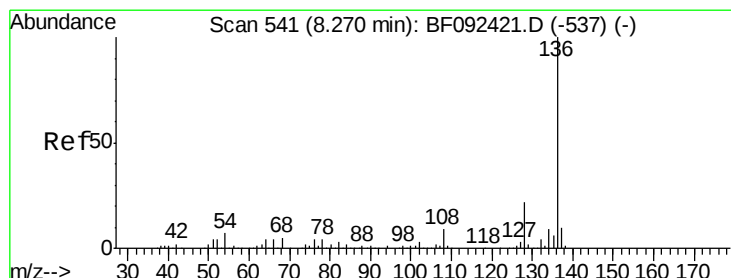
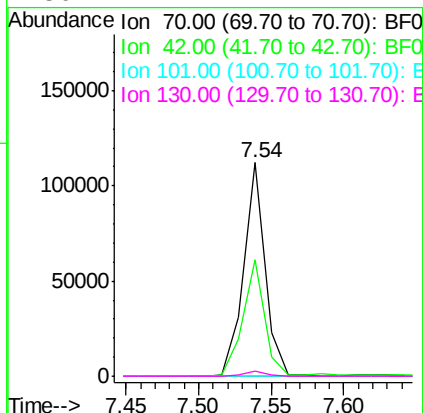
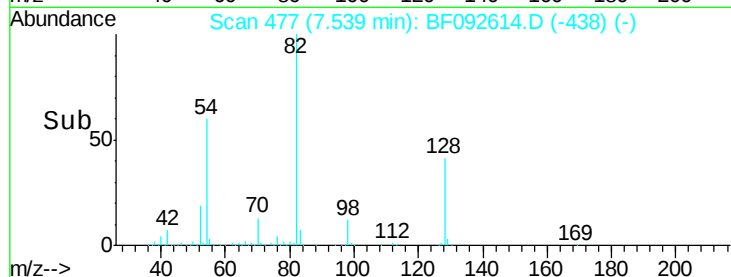
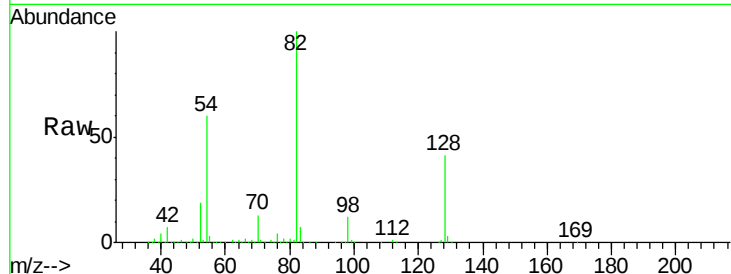




#19
n-Nitroso-di-n-propylamine
Concen: 13.25 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

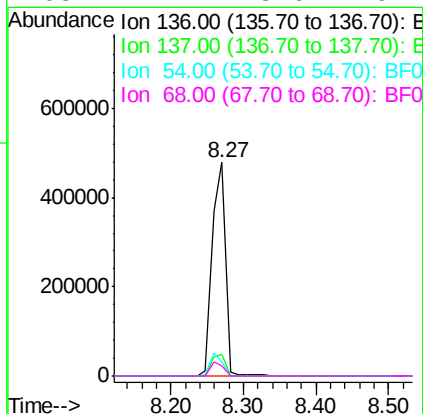
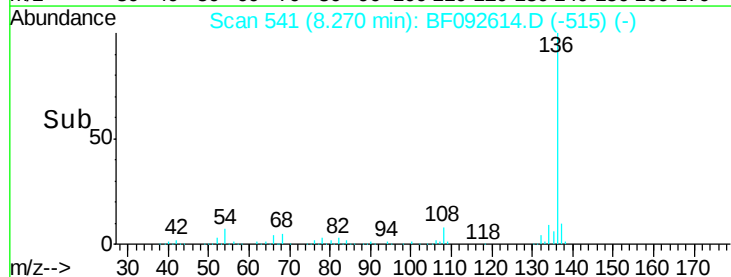
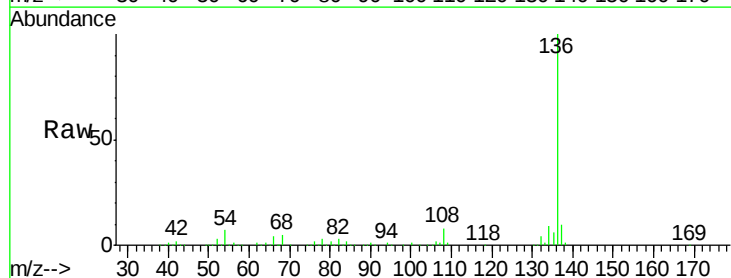
Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

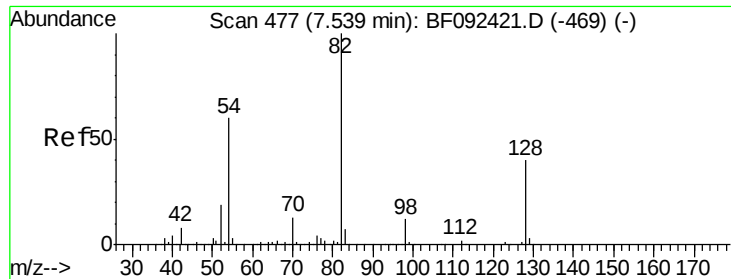
Tgt Ion: 70 Resp: 115945
Ion Ratio Lower Upper
70 100
42 54.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

Tgt Ion: 136 Resp: 608685
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 6.5 4.5 6.7
68 4.7 3.6 5.4

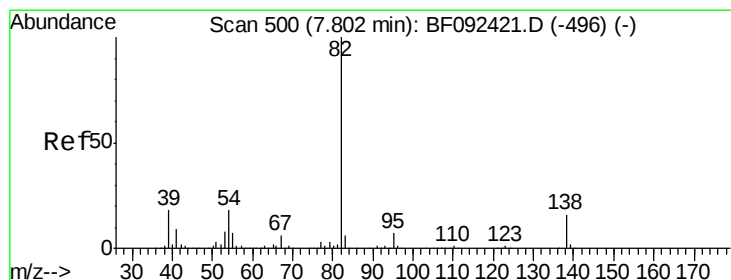
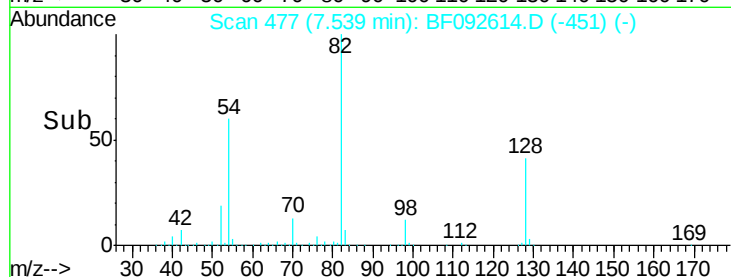
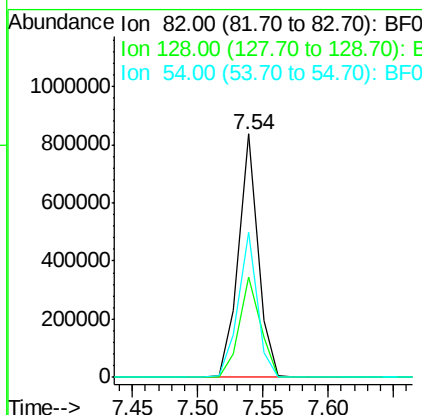
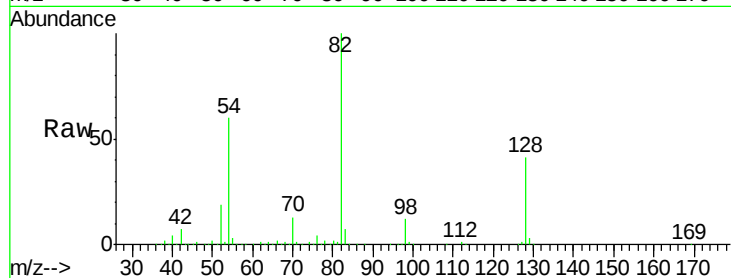




#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

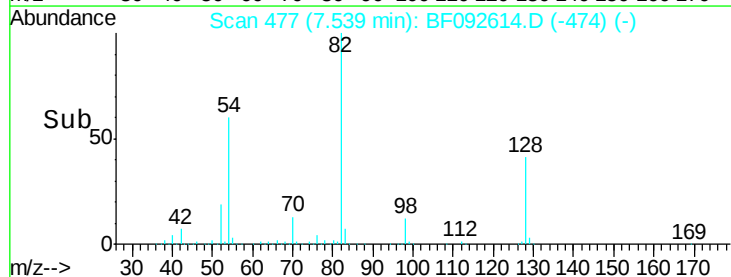
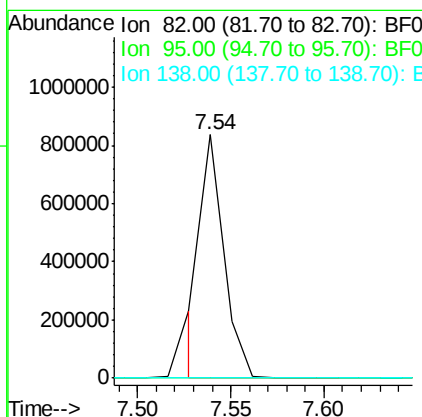
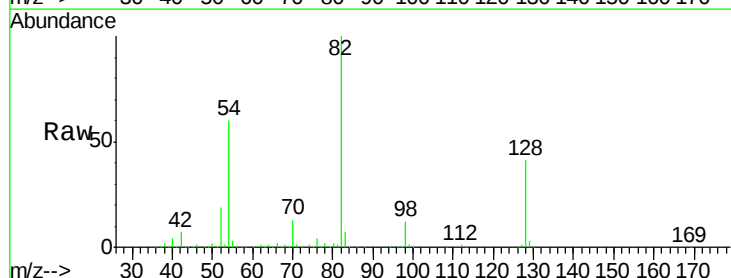
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 ClientSampleId :
 SB-15-COMP

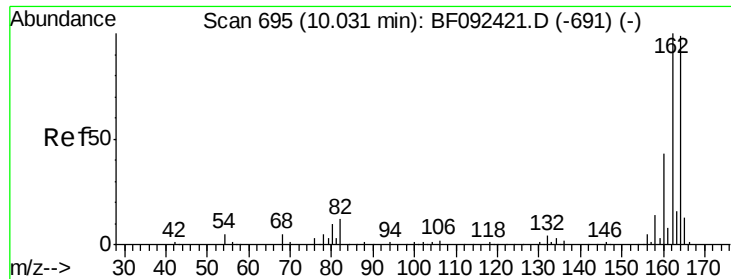
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	59.6	39.5	59.3#



#25
 Isophorone
 Concen: 32.38 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

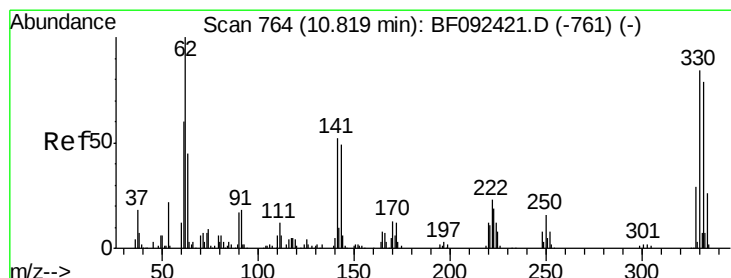
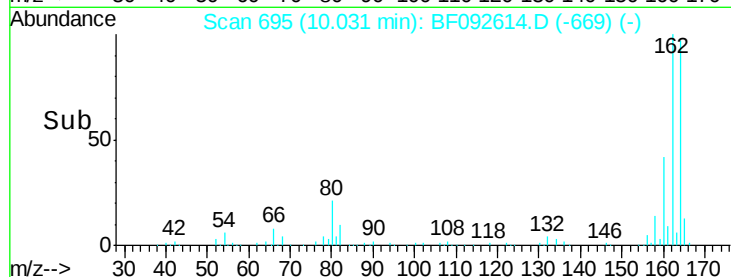
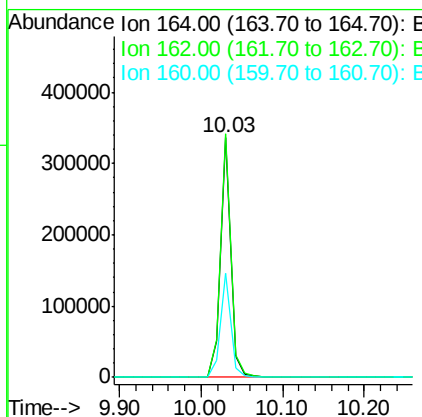
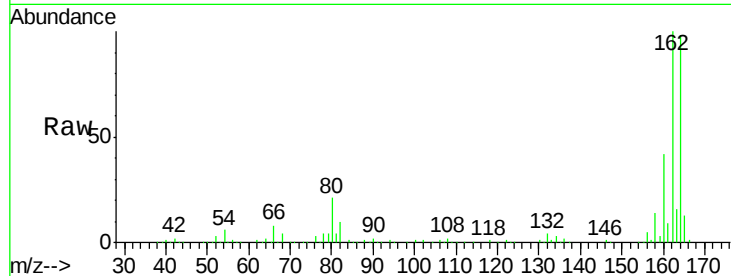




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

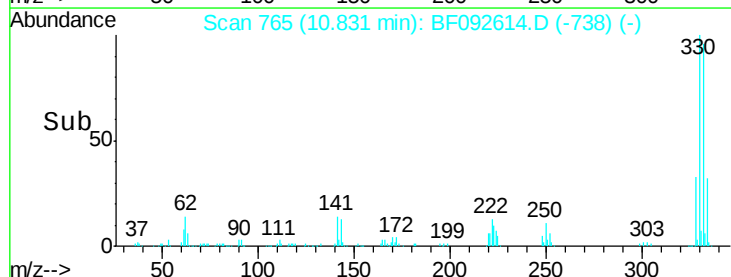
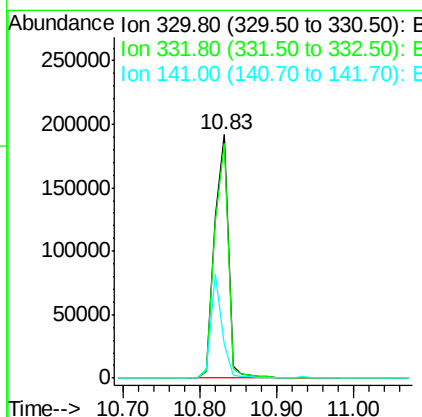
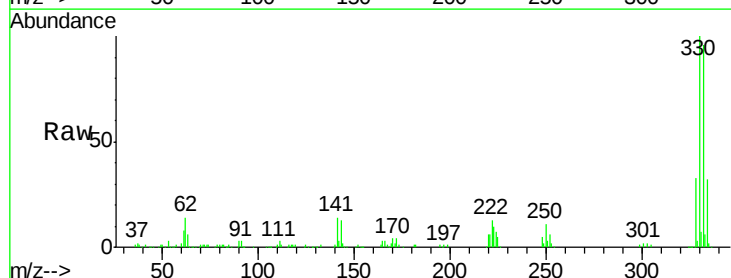
Instrument :
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 ClientSampleId :
 SB-15-COMP

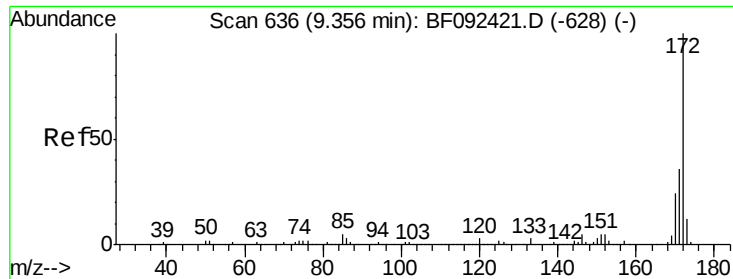
Tgt Ion:164 Resp: 294862
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.2 120.2
 160 43.2 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 117.16 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion:330 Resp: 235409
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 35.6 34.1 51.1

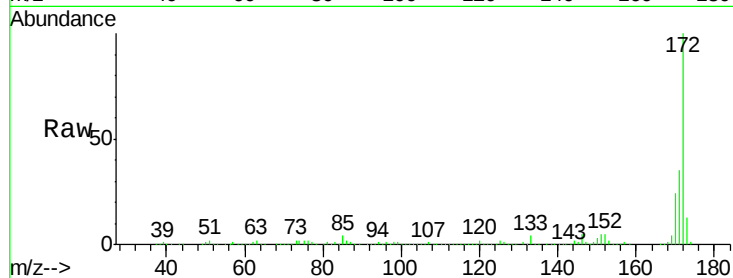




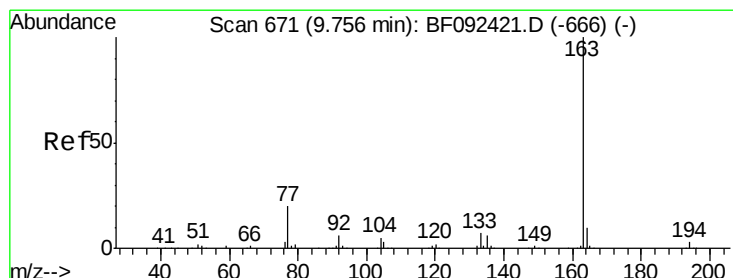
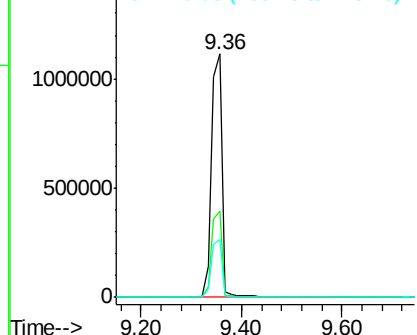
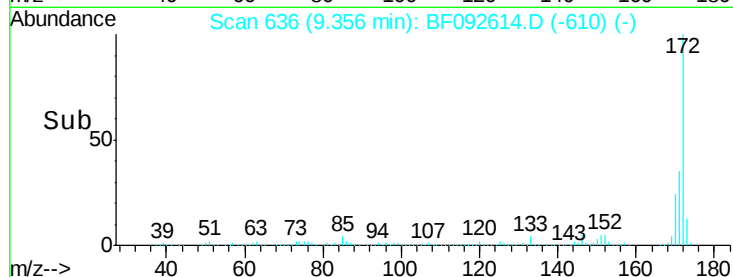
#44
 2-Fluorobiphenyl
 Concen: 101.45 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:172 Resp: 1617685
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.0
 170 23.8 20.2 30.4

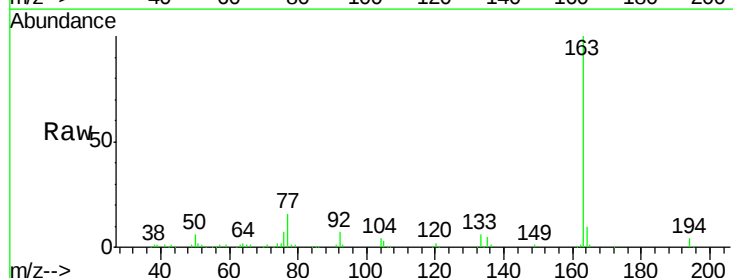


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

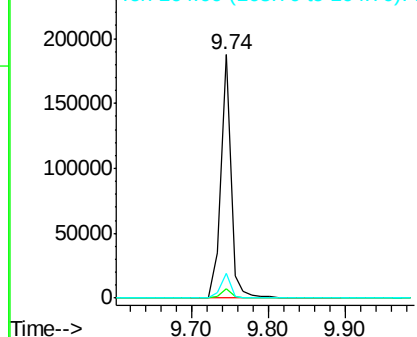
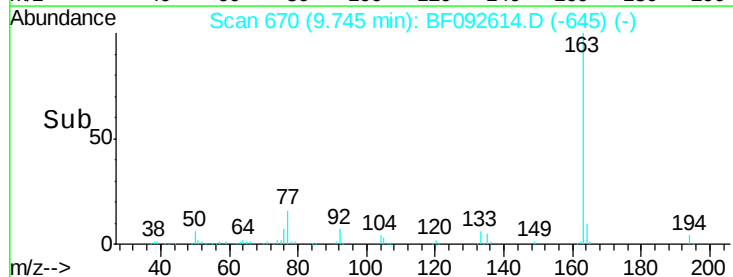


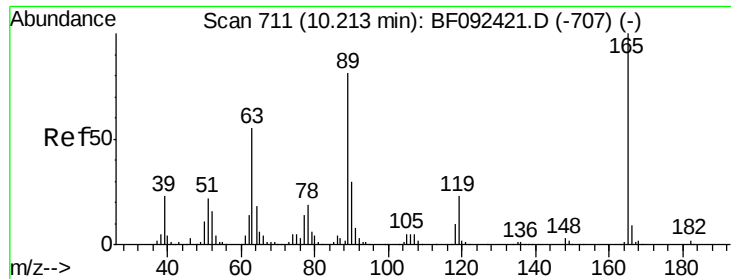
#49
 Dimethylphthalate
 Concen: 9.27 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion:163 Resp: 173728
 Ion Ratio Lower Upper
 163 100
 194 3.7 3.0 4.4
 164 10.0 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

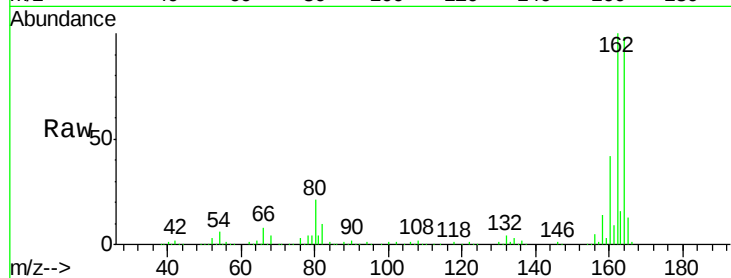




#56
 2,4-Dinitrotoluene
 Concen: 7.49 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:	165	Resp:	38102
Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

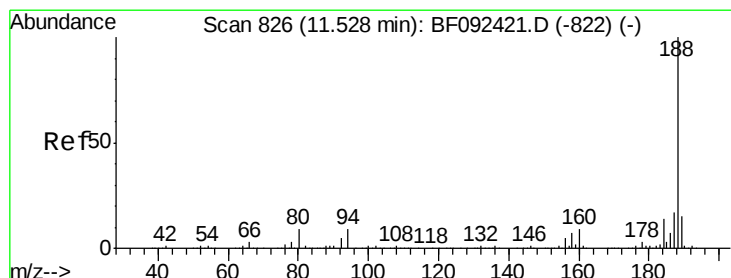
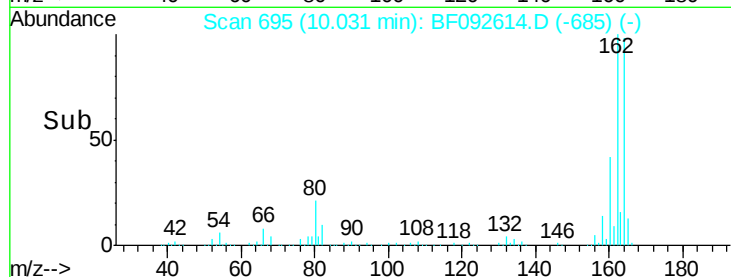
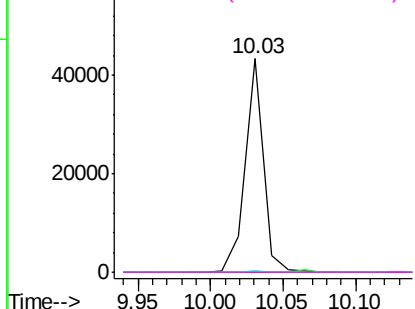


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

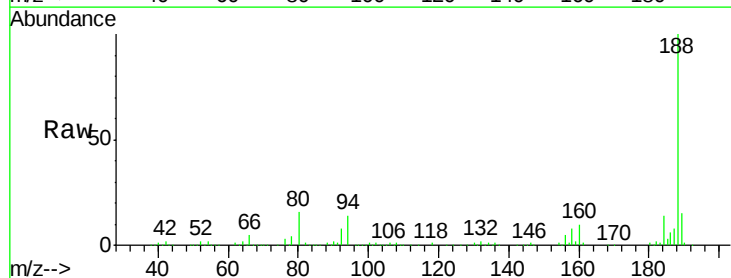
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

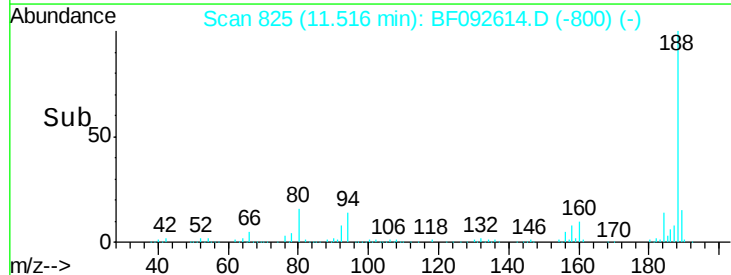
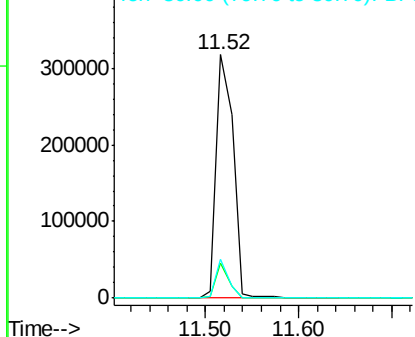
Tgt Ion:	188	Resp:	397816
Ion	Ratio	Lower	Upper
188	100		
94	14.3	10.0	15.0
80	15.8	11.2	16.8

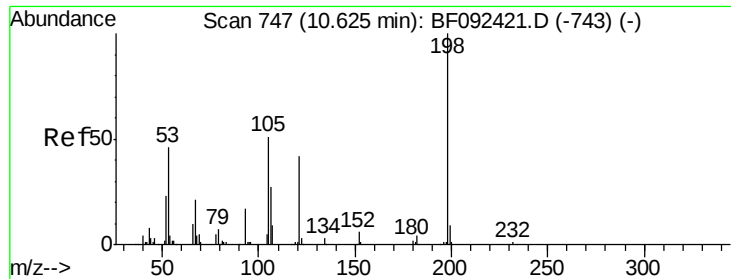


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

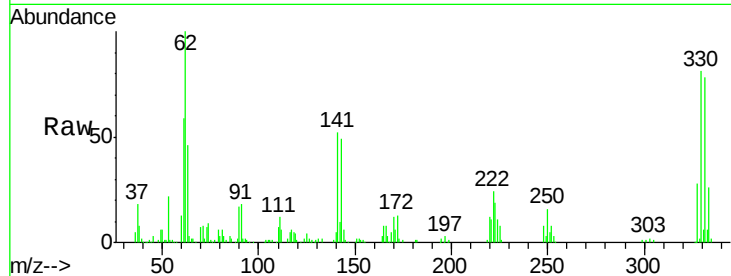




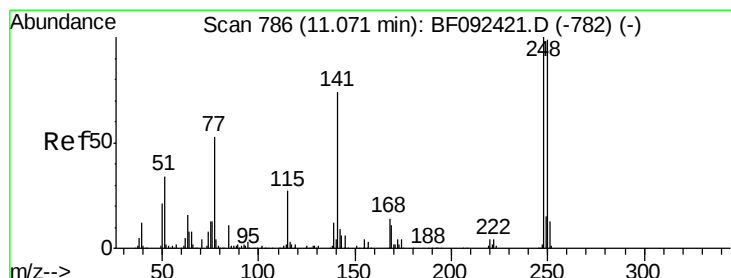
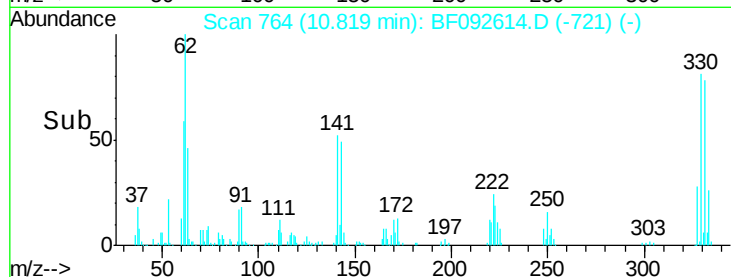
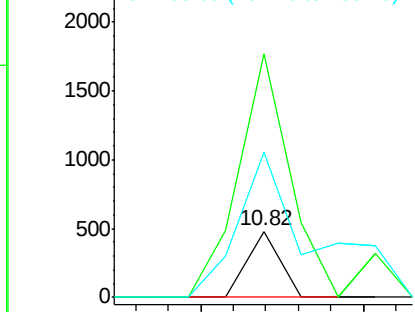
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.09 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:198 Resp: 328
 Ion Ratio Lower Upper
 198 100
 51 369.7 6.7 46.7#
 105 220.9 16.6 56.6#

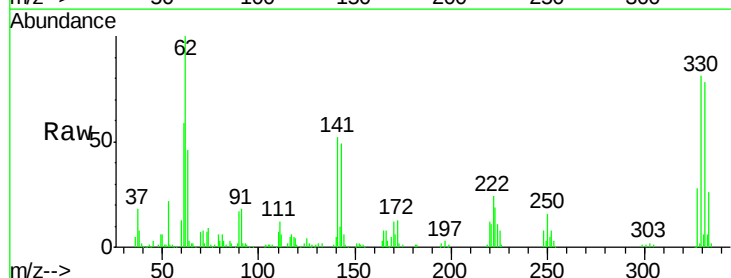


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

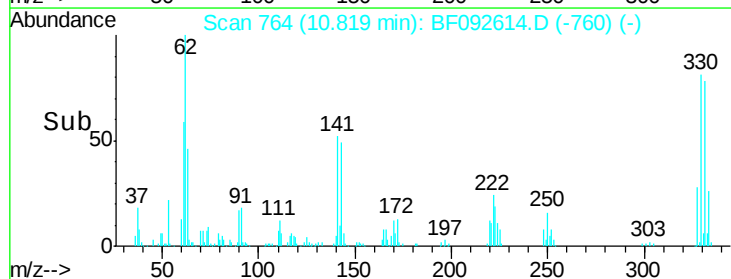
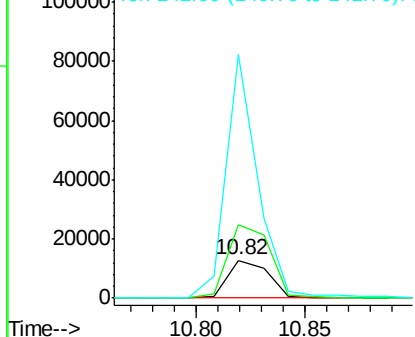


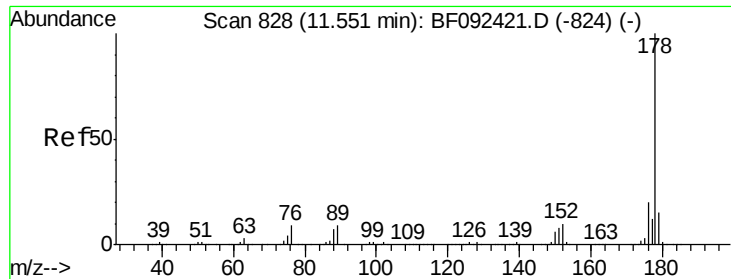
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion:248 Resp: 16448
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 647.4 68.2 102.4#



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

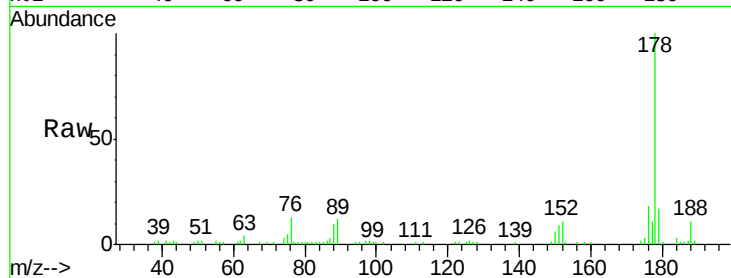




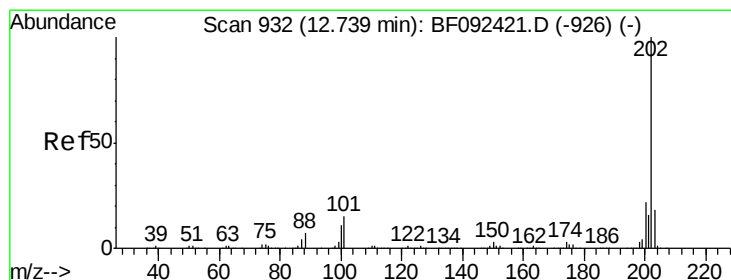
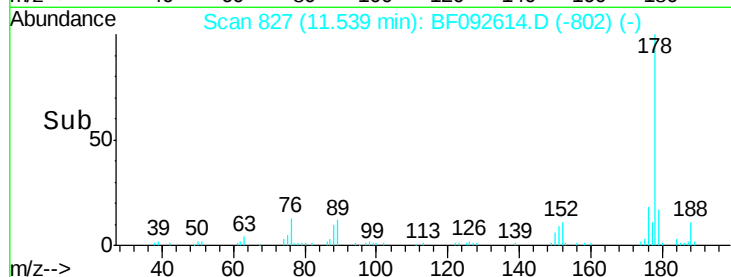
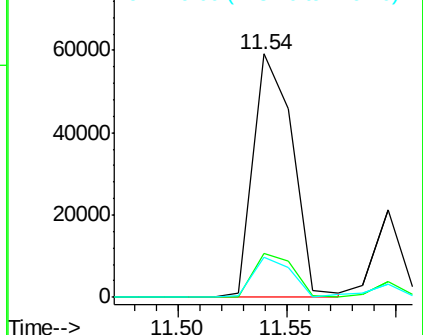
#70
Phenanthrene
Concen: 3.40 ng
RT: 11.54 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

Instrument :
BNA_F
ClientSampleId :
SB-15-COMP

Tgt Ion:178 Resp: 74382
Ion Ratio Lower Upper
178 100
176 18.1 16.6 25.0
179 16.5 12.8 19.2

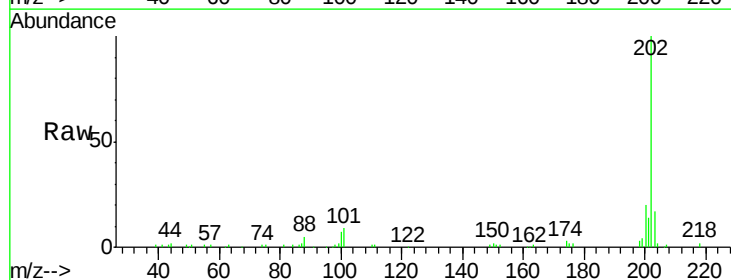


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

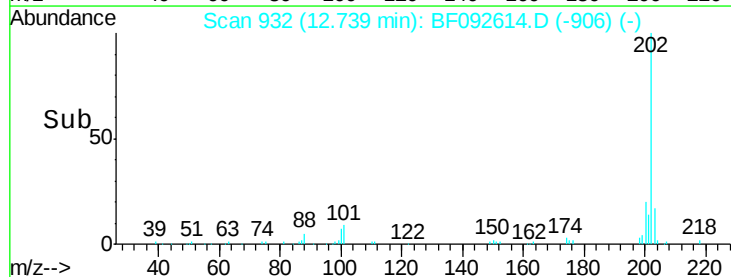
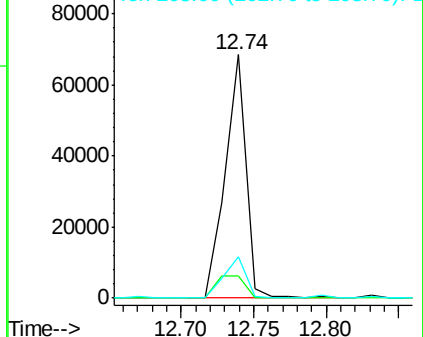


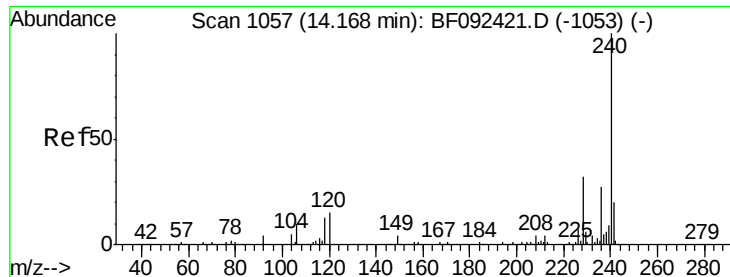
#74
Fluoranthene
Concen: 3.19 ng
RT: 12.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF092614.D
Acq: 28 Jan 2017 9:17

Tgt Ion:202 Resp: 68278
Ion Ratio Lower Upper
202 100
101 9.0 0.0 34.6
203 17.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.17 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

Instrument :

BNA_F

ClientSampleId :

SB-15-COMP

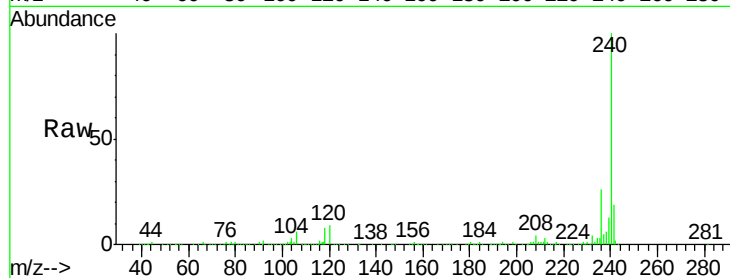
Tgt Ion:240 Resp: 332778

Ion Ratio Lower Upper

240 100

120 9.0 12.9 19.3#

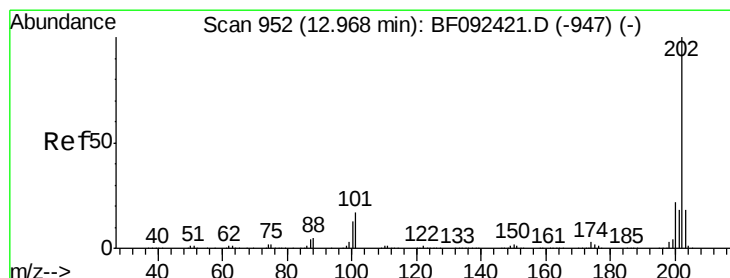
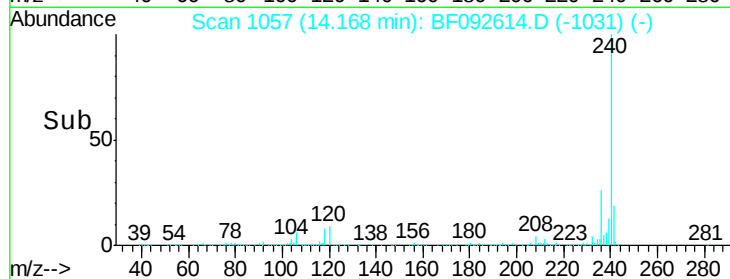
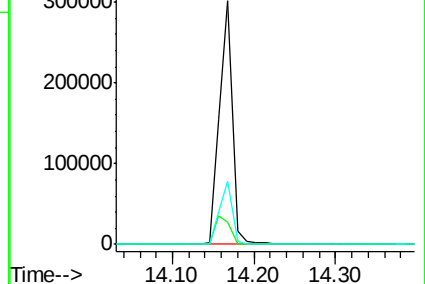
236 26.1 20.9 31.3



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: 2.48 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF092614.D

Acq: 28 Jan 2017 9:17

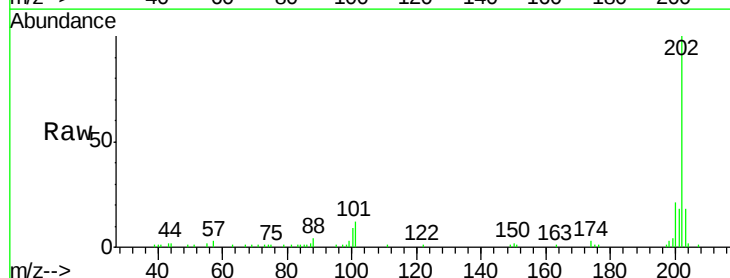
Tgt Ion:202 Resp: 59911

Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

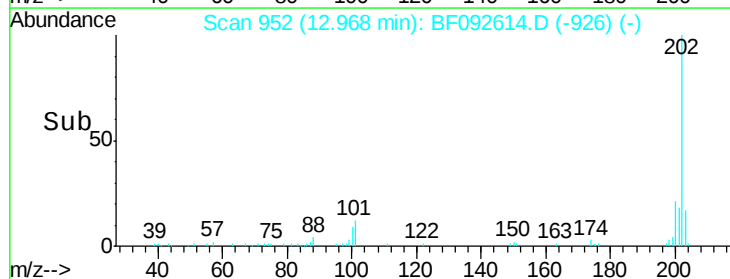
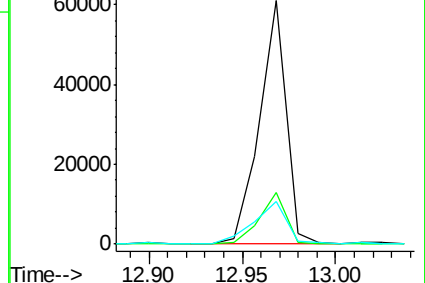
203 17.5 14.7 22.1

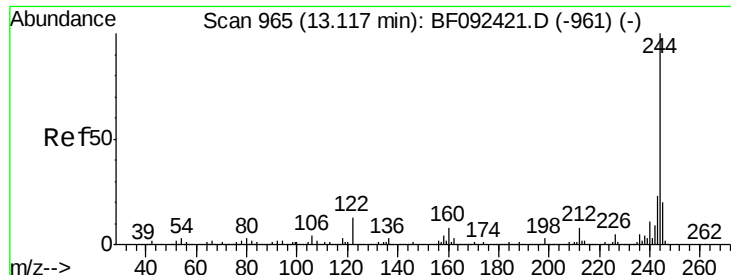


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

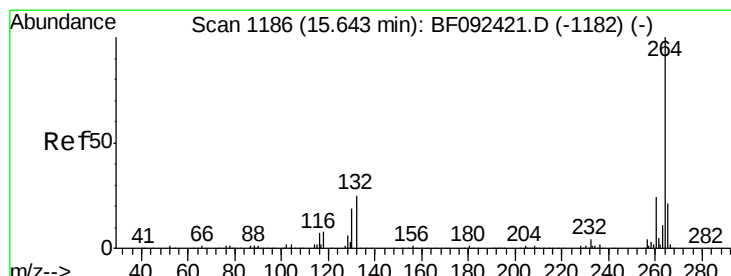
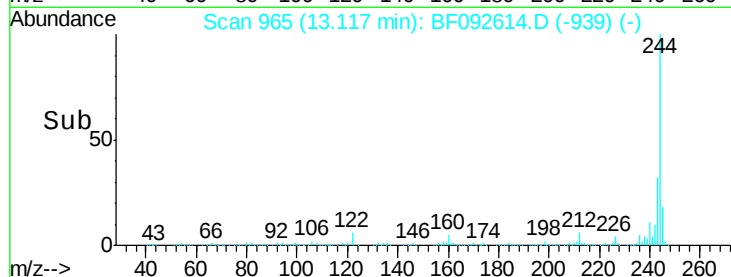
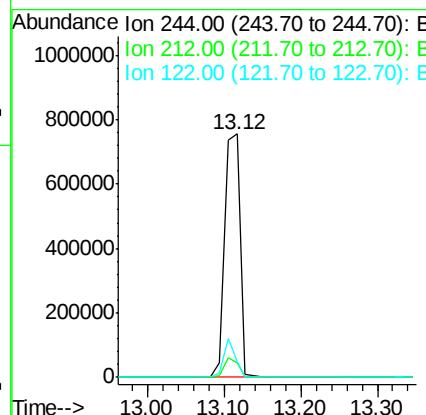
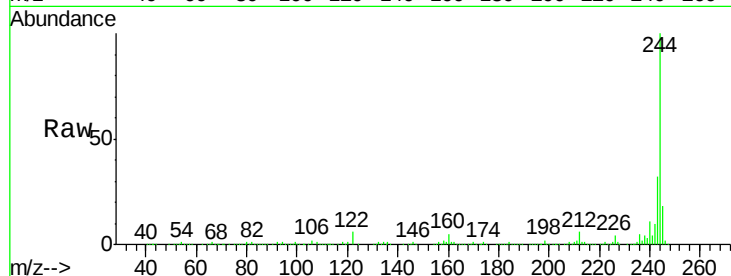




#78
 Terphenyl-d14
 Concen: 85.83 ng
 RT: 13.12 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-COMP

Tgt Ion:244 Resp: 1072601
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.2 9.2
 122 6.2 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.65 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF092614.D
 Acq: 28 Jan 2017 9:17

Tgt Ion:264 Resp: 241227
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.4 17.4 26.0

