

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096494.D
 Acq On : 5 Jul 2017 19:55
 Operator : SJ/MA
 Sample : I4052-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 01:42:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

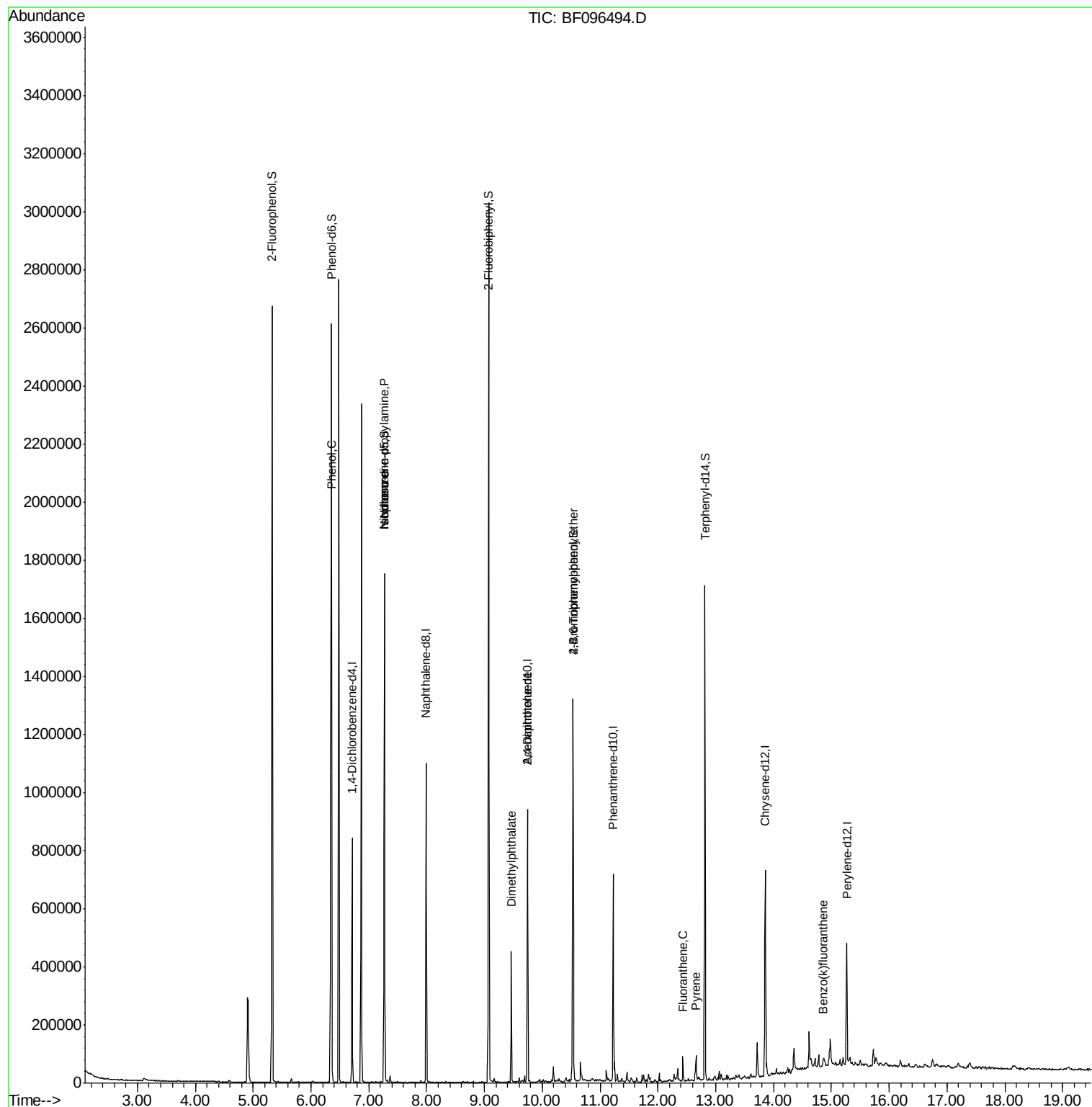
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	113761	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	445316	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	177334	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	238818	20.00	ng	0.00
75) Chrysene-d12	13.86	240	213721	20.00	ng	-0.01
86) Perylene-d12	15.27	264	178299	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	802424	104.11	ng	0.00
7) Phenol-d6	6.35	99	965633	101.91	ng	0.00
23) Nitrobenzene-d5	7.27	82	537822	72.57	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	141842	102.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	922293	88.92	ng	0.00
78) Terphenyl-d14	12.82	244	538165	53.81	ng	0.00
Target Compounds						
10) Phenol	6.36	94	31538	2.92	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.27	70	71689	12.70	ng	# 88
25) Isophorone	7.27	82	534499	37.20	ng	# 67
49) Dimethylphthalate	9.46	163	168438	12.72	ng	99
56) 2,4-Dinitrotoluene	9.75	165	22144	5.97	ng	# 33
66) 4-Bromophenyl-phenylether	10.53	248	8520	3.66	ng	# 1
74) Fluoranthene	12.43	202	30193	2.39	ng	100
77) Pyrene	12.66	202	35934	2.09	ng	96
88) Benzo(k)fluoranthene	14.87	252	20186	2.02	ng	# 93

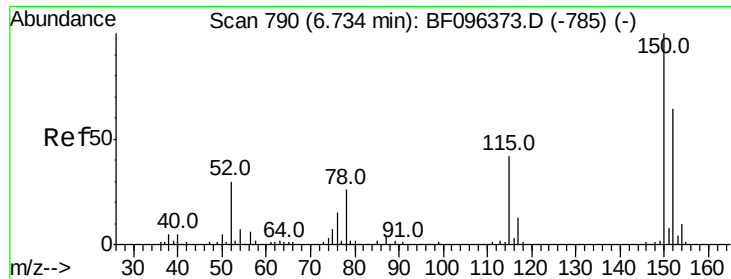
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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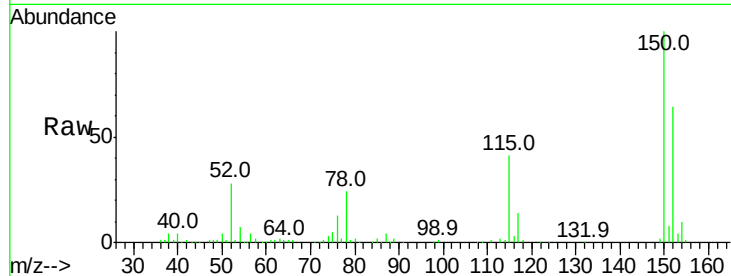


#1

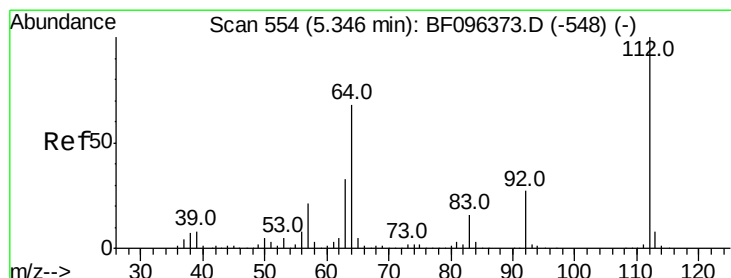
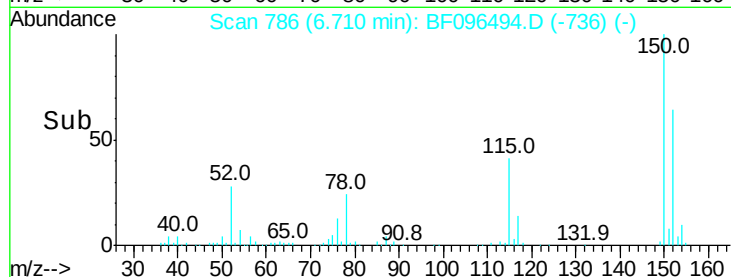
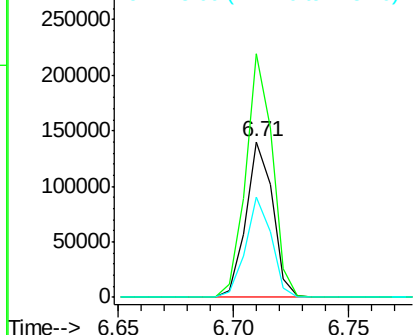
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113761
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 64.5 52.2 78.2



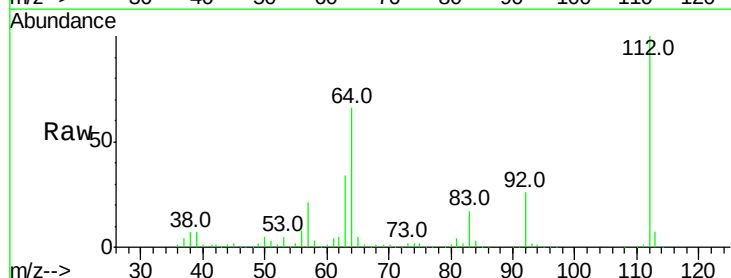
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



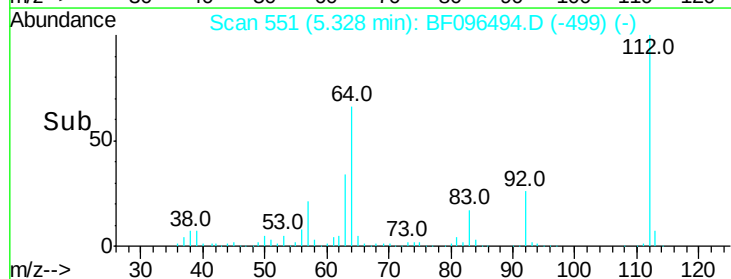
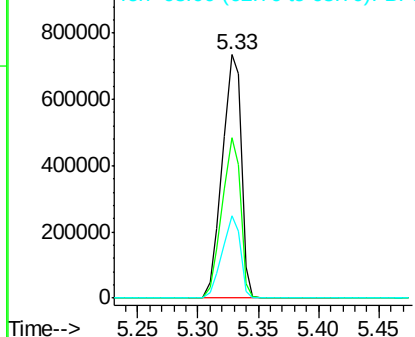
#5

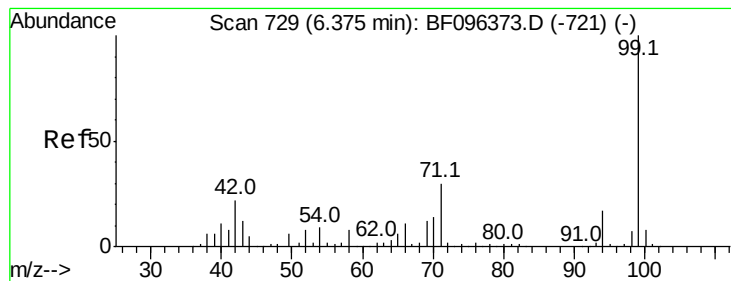
2-Fluorophenol
Concen: 104.11 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Tgt Ion:112 Resp: 802424
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 33.7 23.4 35.0



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: 101.91 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

Instrument :

BNA_F

ClientSampled :

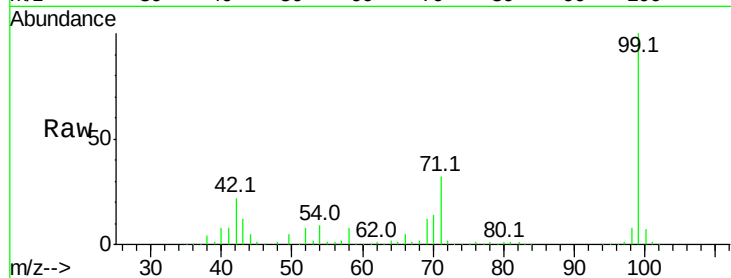
Tot Ion: 99 Resp: 965633

Ion Ratio Lower Upper

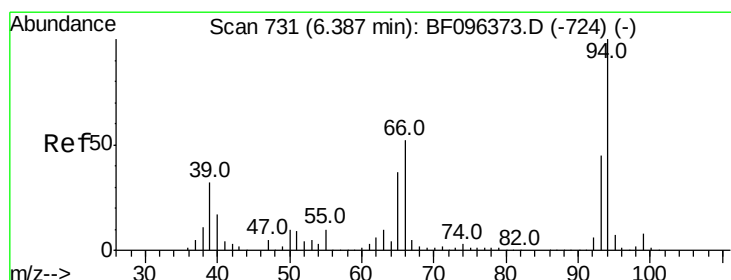
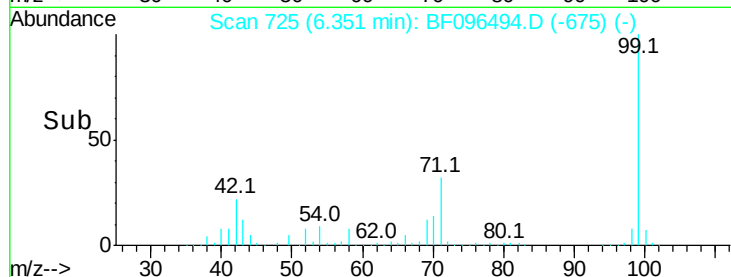
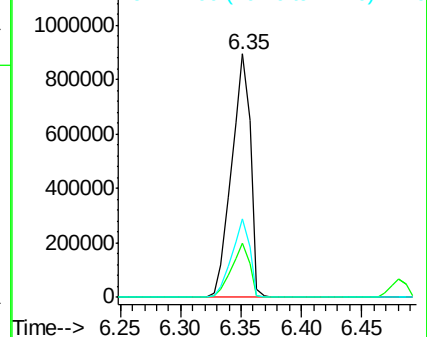
99 100

42 22.2 13.5 20.3#

71 32.2 24.5 36.7



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: 2.92 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

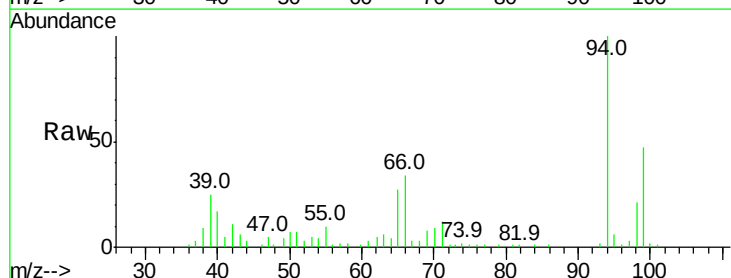
Tgt Ion: 94 Resp: 31538

Ion Ratio Lower Upper

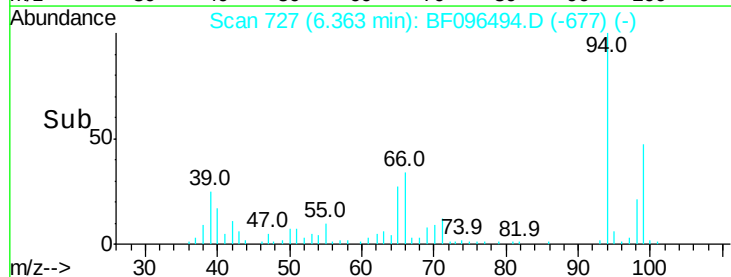
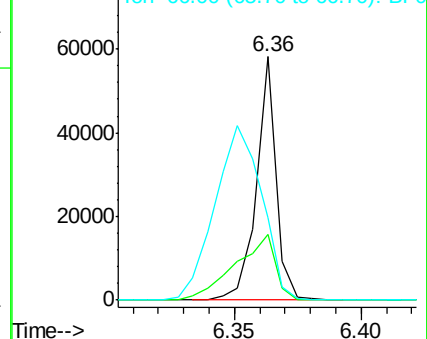
94 100

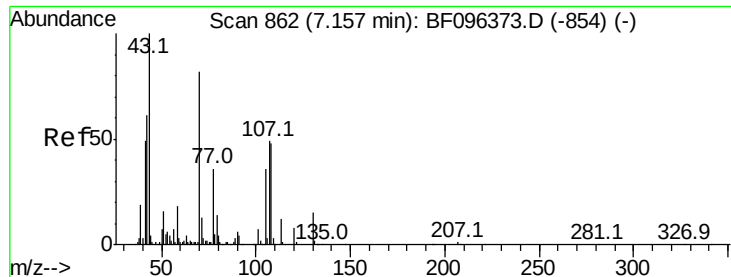
65 27.2 9.9 49.9

66 33.7 23.1 63.1



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

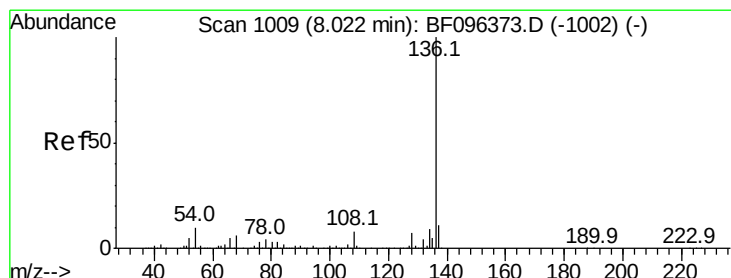
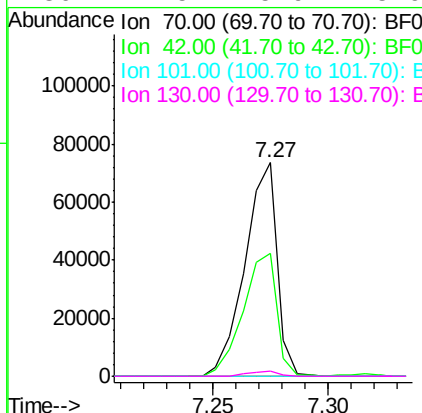
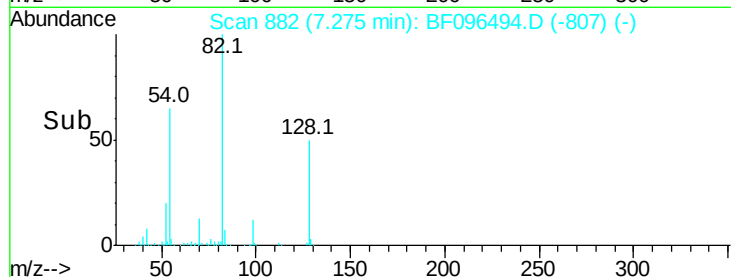
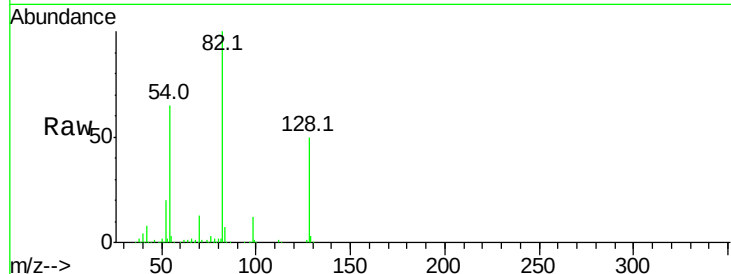




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.70 ng
 RT: 7.27 min Scan# 882
 Delta R.T. 0.14 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

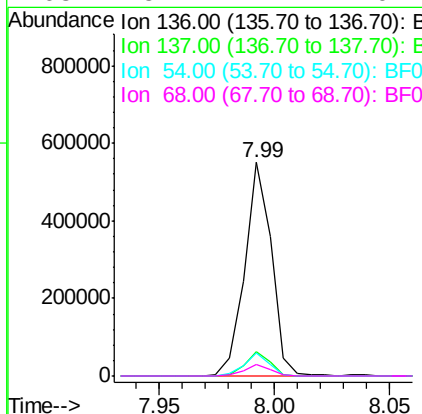
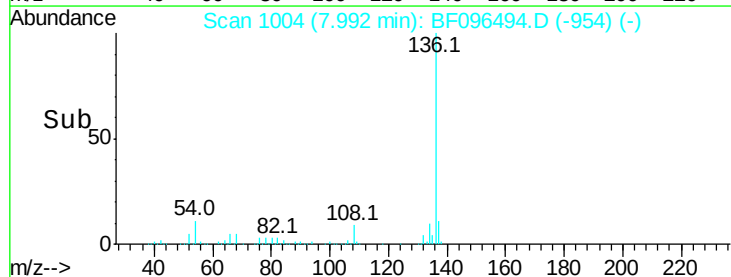
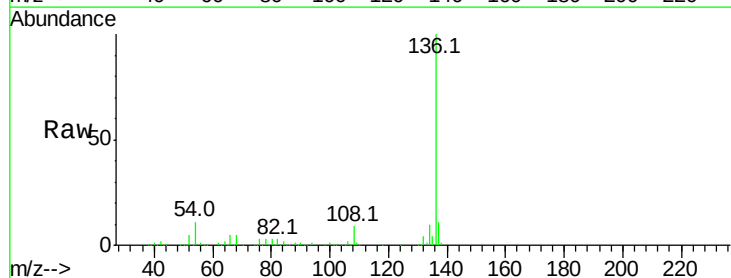
Instrument :
 BNA_F
 ClientSampleId :

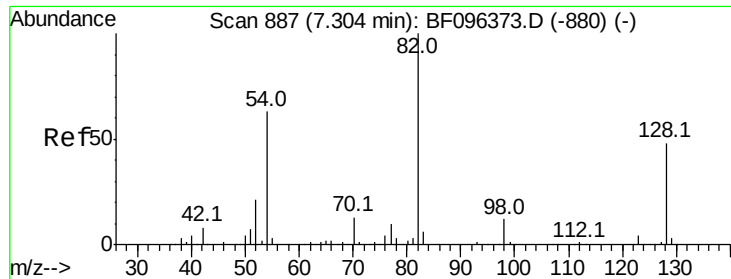
Tot Ion: 70 Resp: 71689
 Ion Ratio Lower Upper
 70 100
 42 57.8 47.2 70.8
 101 0.0 7.2 10.8#
 130 2.5 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Tgt Ion:136 Resp: 445316
 Ion Ratio Lower Upper
 136 100
 137 11.1 8.5 12.7
 54 10.8 4.9 7.3#
 68 5.2 4.1 6.1

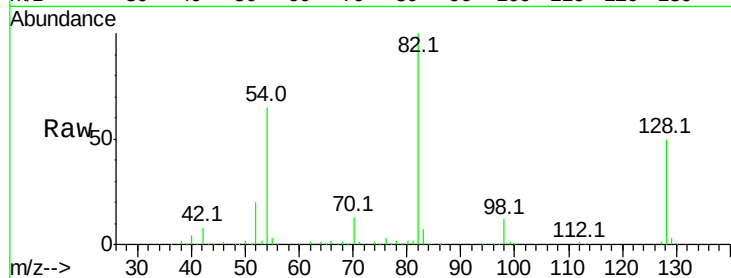




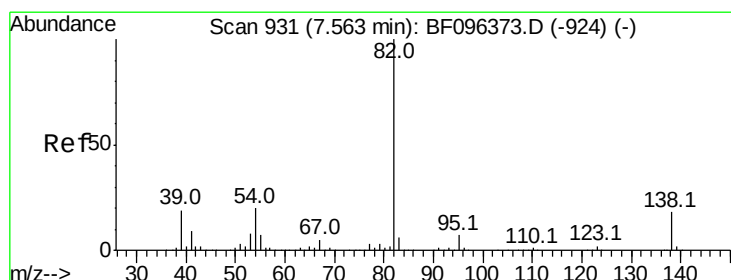
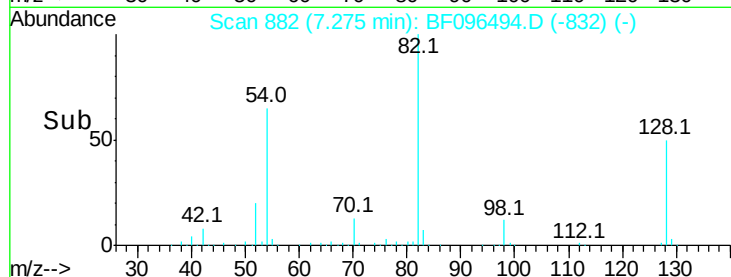
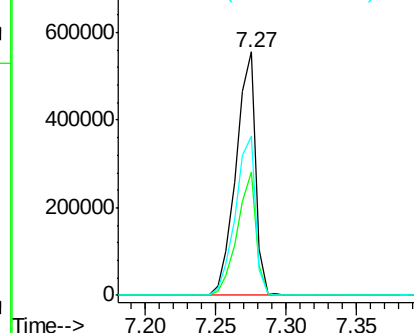
#23
 Nitrobenzene-d5
 Concen: 72.57 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 537822
 Ion Ratio Lower Upper
 82 100
 128 50.5 34.0 51.0
 54 65.3 42.2 63.2#

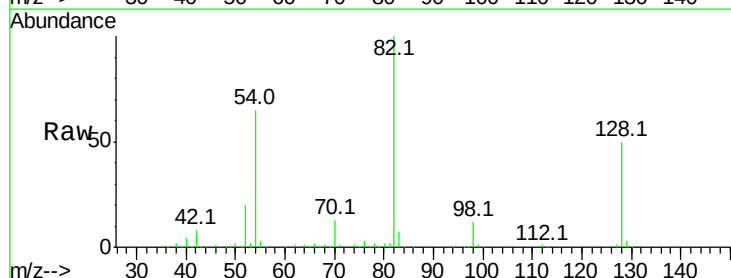


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

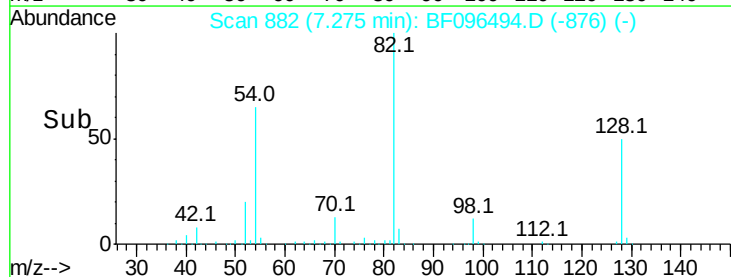
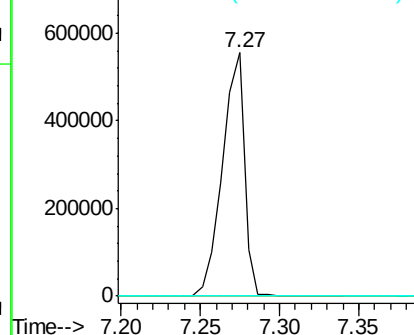


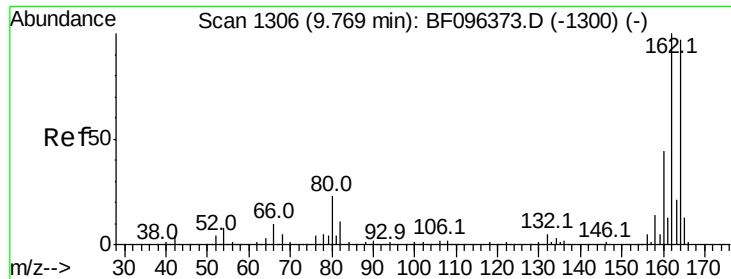
#25
 Isophorone
 Concen: 37.20 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Tgt Ion: 82 Resp: 534499
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

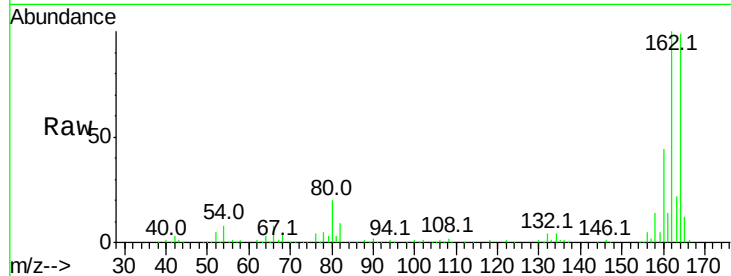




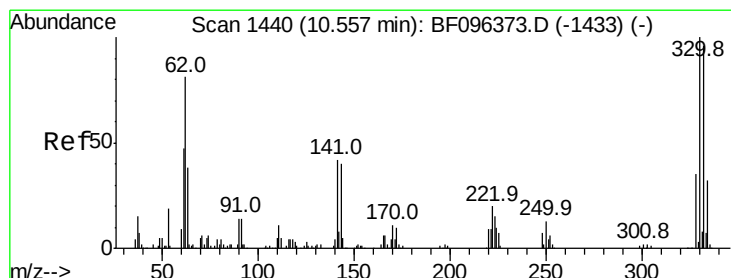
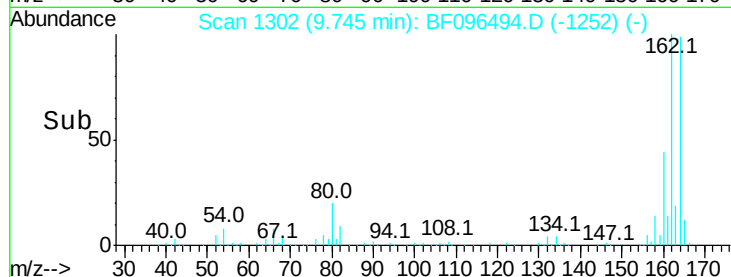
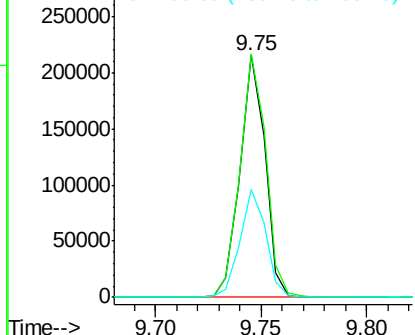
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 177334
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 44.5 36.2 54.2

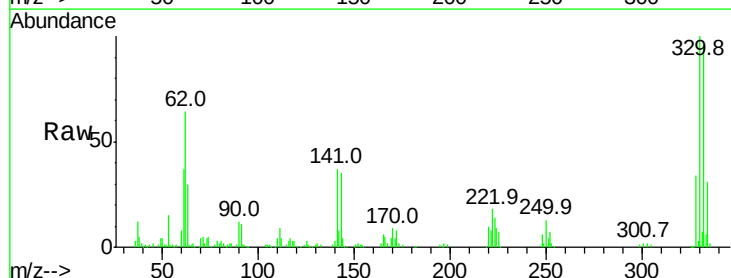


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

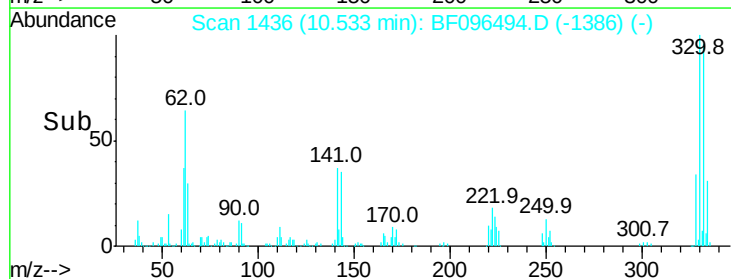
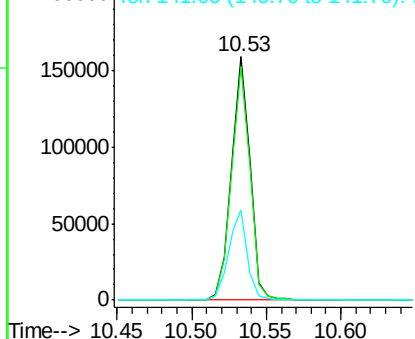


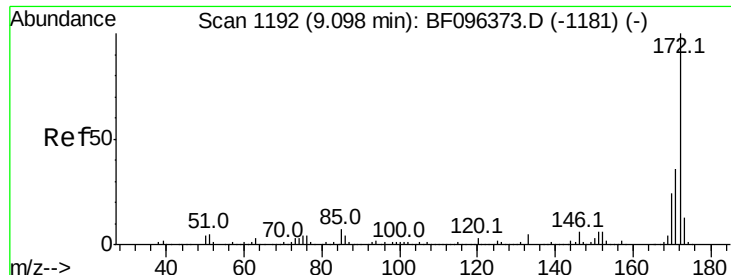
#41
 2,4,6-Tribromophenol
 Concen: 102.40 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Tgt Ion:330 Resp: 141842
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 37.0 31.4 47.2



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

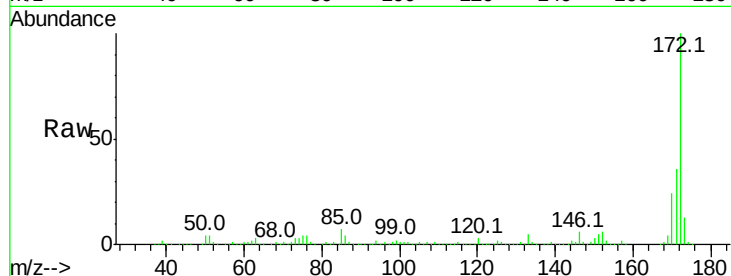




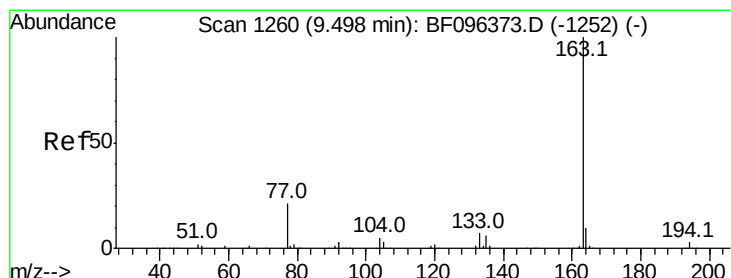
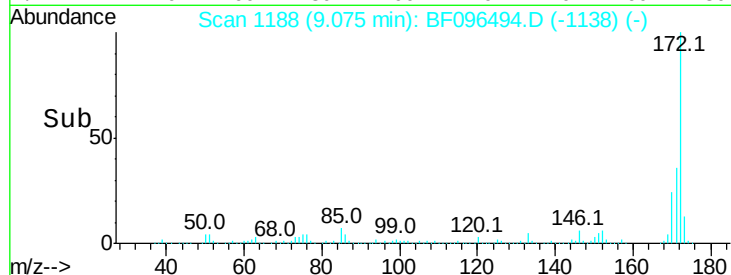
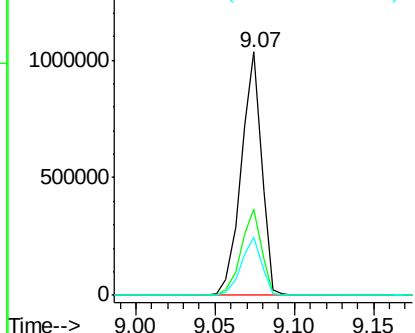
#44
2-Fluorobiphenyl
Concen: 88.92 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 922293
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.0 19.8 29.8

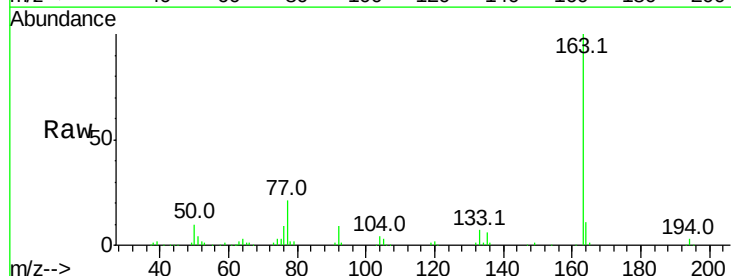


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

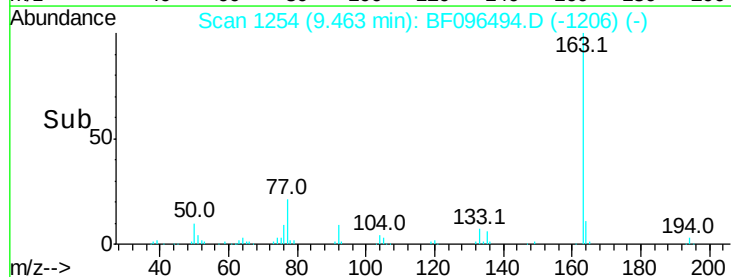
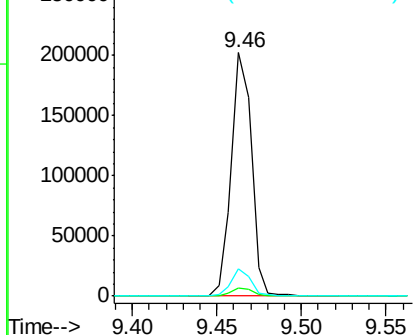


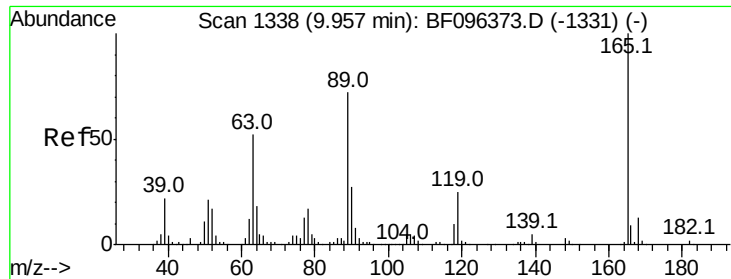
#49
Dimethylphthalate
Concen: 12.72 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Tgt Ion:163 Resp: 168438
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.0 8.4 12.6



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

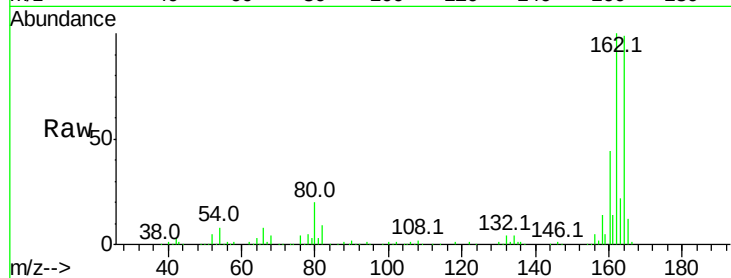




#56
 2,4-Dinitrotoluene
 Concen: 5.97 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.19 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	22144
Ion Ratio	Lower	Upper
165	100	
63	1.2	25.4 38.0#
89	1.6	46.4 69.6#
182	0.0	1.8 2.6#

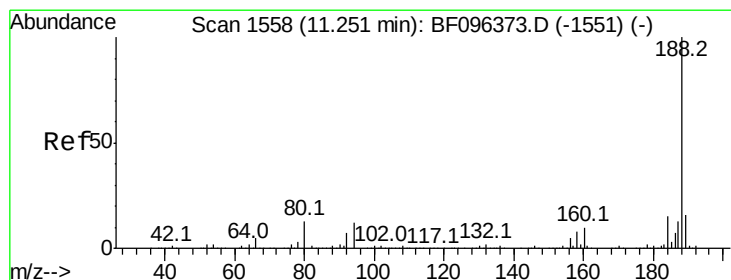
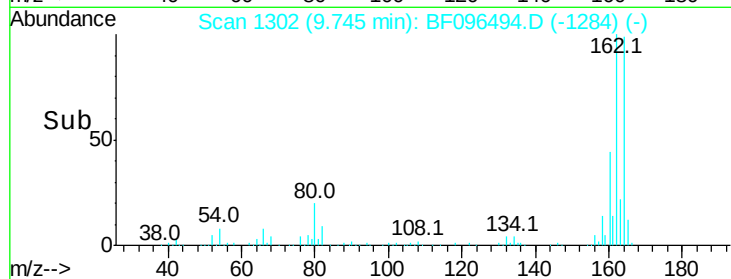
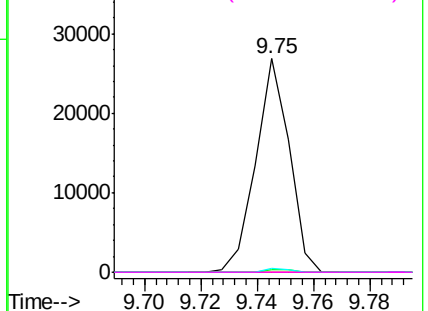


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

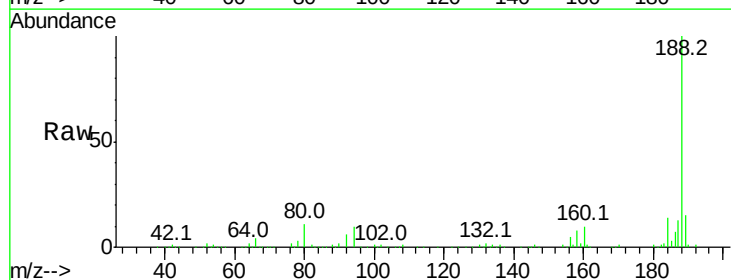
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

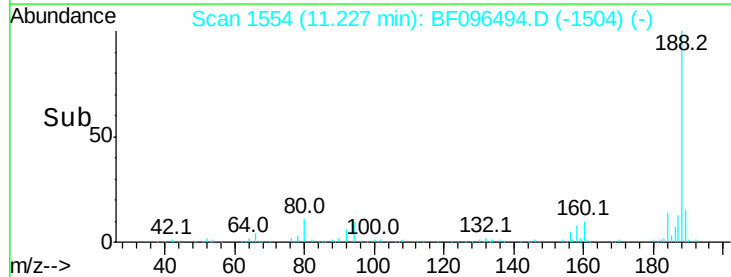
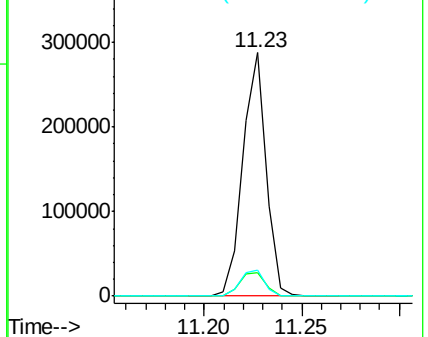
Tgt Ion:188	Resp:	238818
Ion Ratio	Lower	Upper
188	100	
94	9.7	9.4 14.2
80	10.7	10.2 15.2

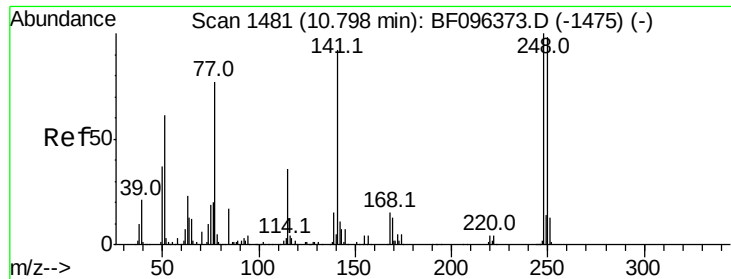


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

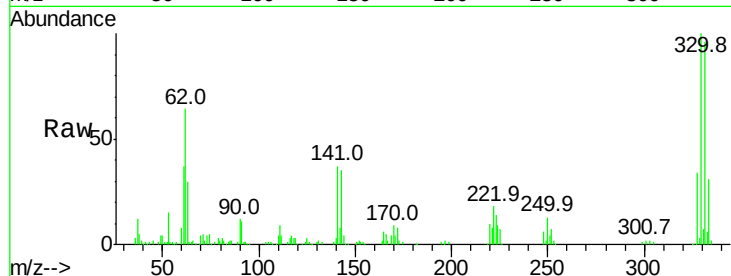




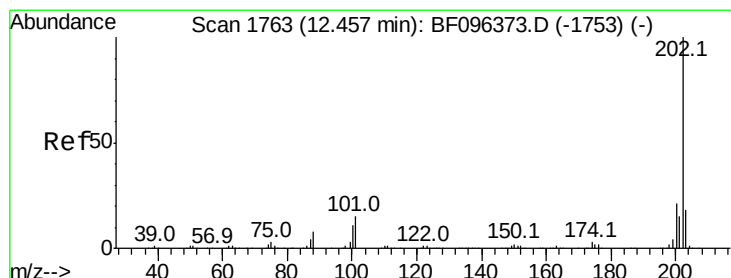
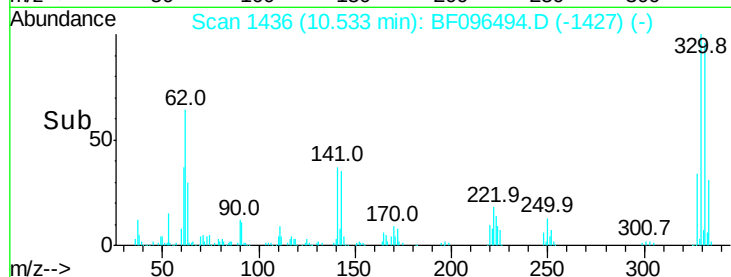
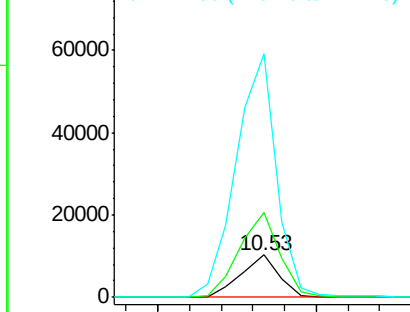
#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8520
Ion Ratio Lower Upper
248 100
250 198.5 76.8 115.2#
141 572.5 68.6 103.0#

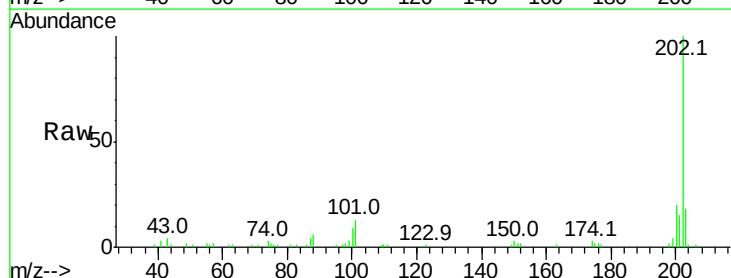


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

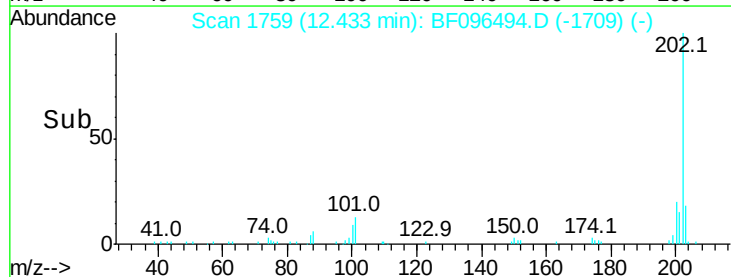
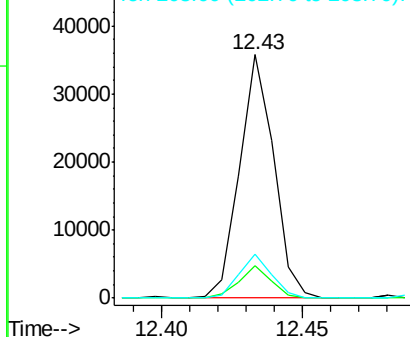


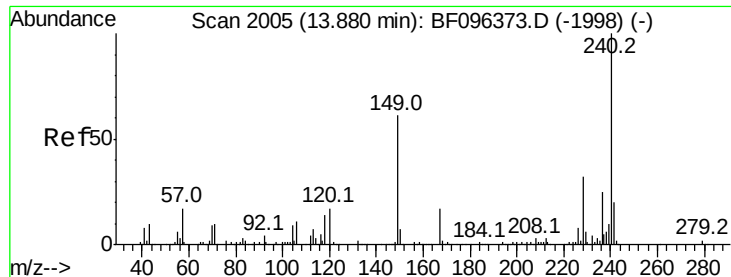
#74
Fluoranthene
Concen: 2.39 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096494.D
Acq: 5 Jul 2017 19:55

Tgt Ion:202 Resp: 30193
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.8 0.0 38.1



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: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

Instrument :

BNA_F

ClientSampleId :

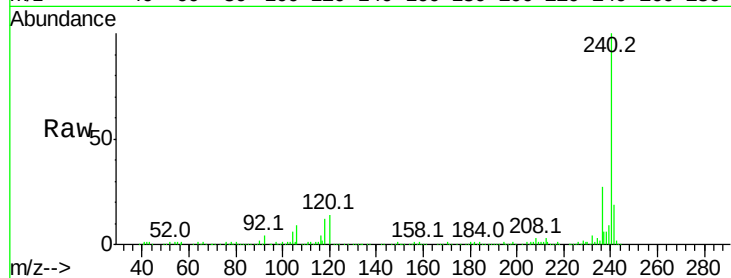
Tot Ion:240 Resp: 213721

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

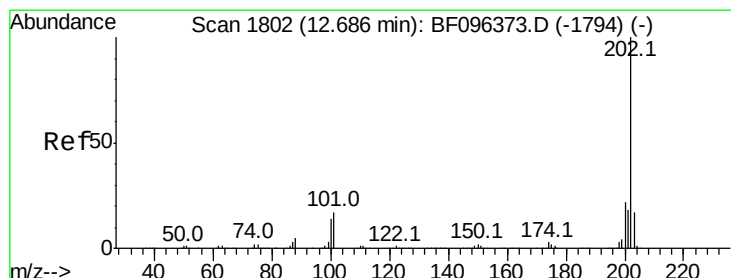
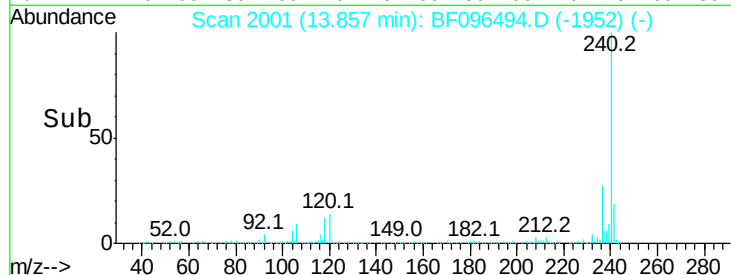
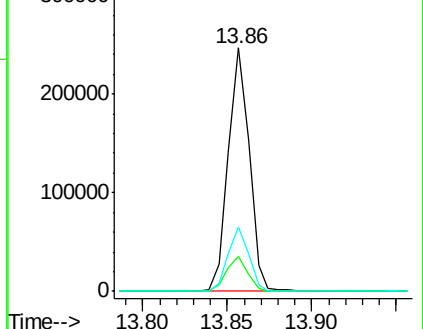
236 26.6 20.5 30.7



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: 2.09 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096494.D

Acq: 5 Jul 2017 19:55

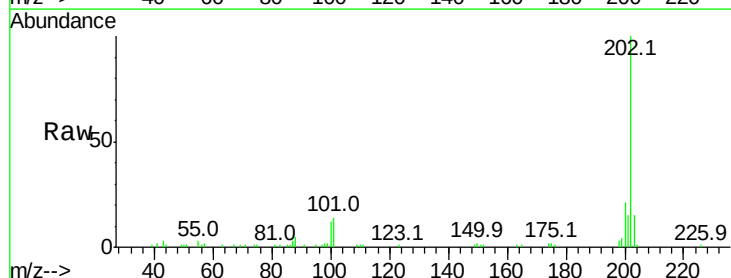
Tgt Ion:202 Resp: 35934

Ion Ratio Lower Upper

202 100

200 20.8 17.6 26.4

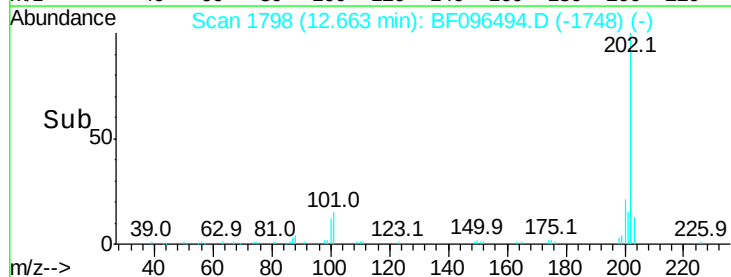
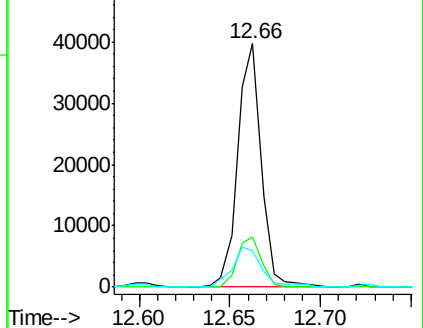
203 14.9 14.4 21.6

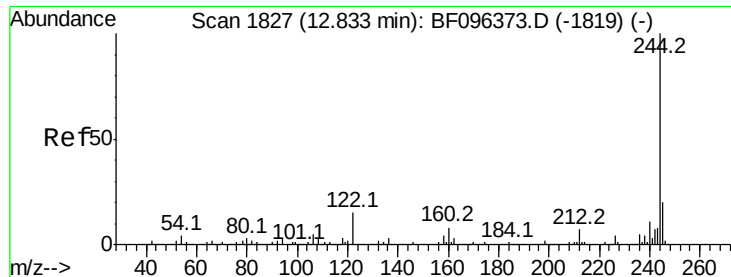


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

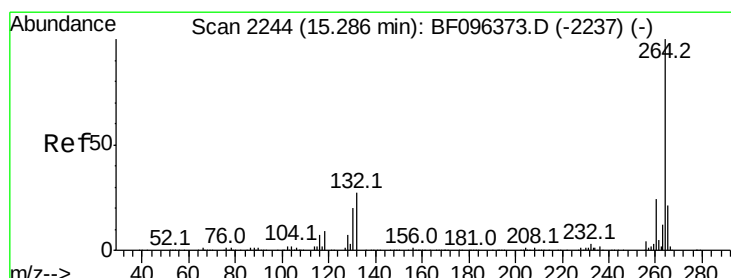
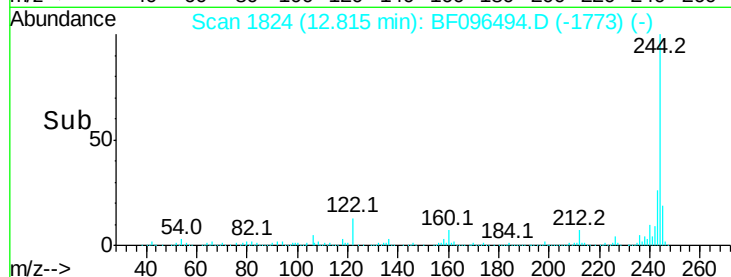
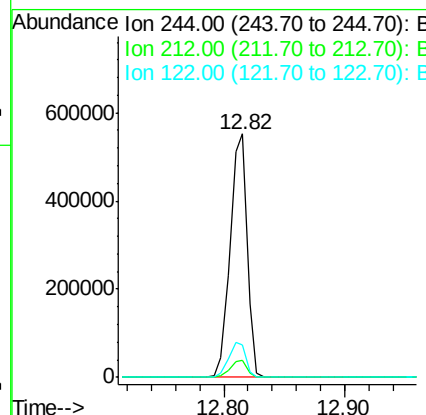
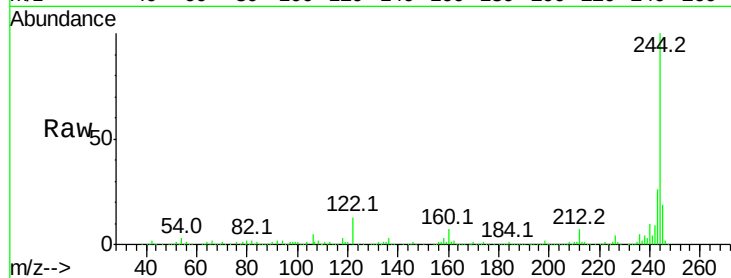




#78
 Terphenyl-d14
 Concen: 53.81 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

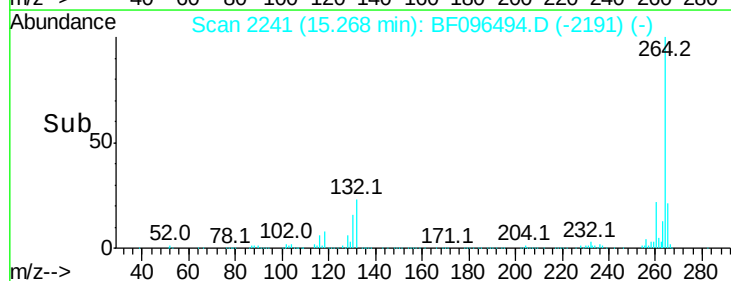
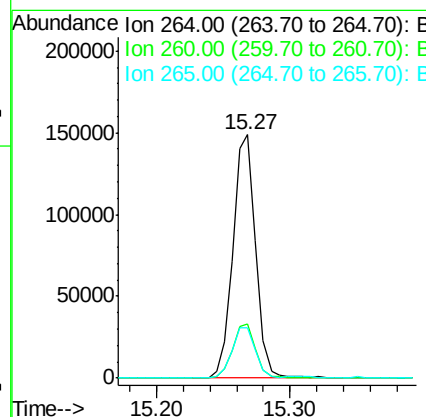
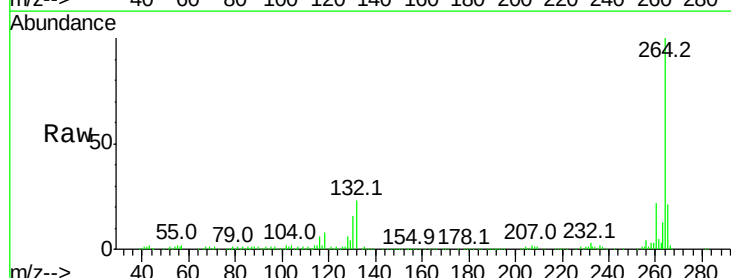
Instrument :
 BNA_F
 ClientSampleId :

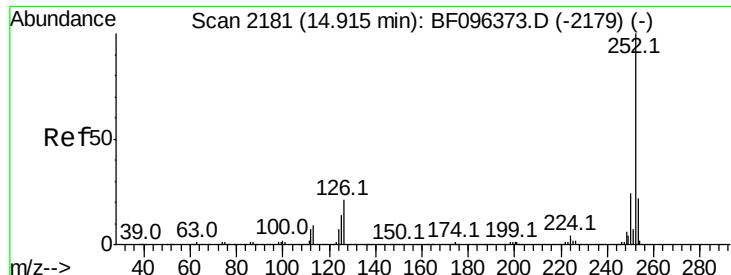
Tot Ion:244 Resp: 538165
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Tgt Ion:264 Resp: 178299
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.9 17.2 25.8

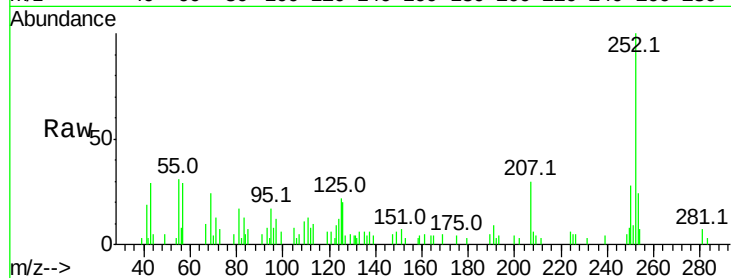




#88
 Benzo(k)fluoranthene
 Concen: 2.02 ng
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.04 min
 Lab File: BF096494.D
 Acq: 5 Jul 2017 19:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.4	27.6
125	21.6	13.1	19.7



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

