

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118601.D
 Acq On : 20 Jan 2020 19:56
 Operator : CG/JU
 Sample : L1188-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:42:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

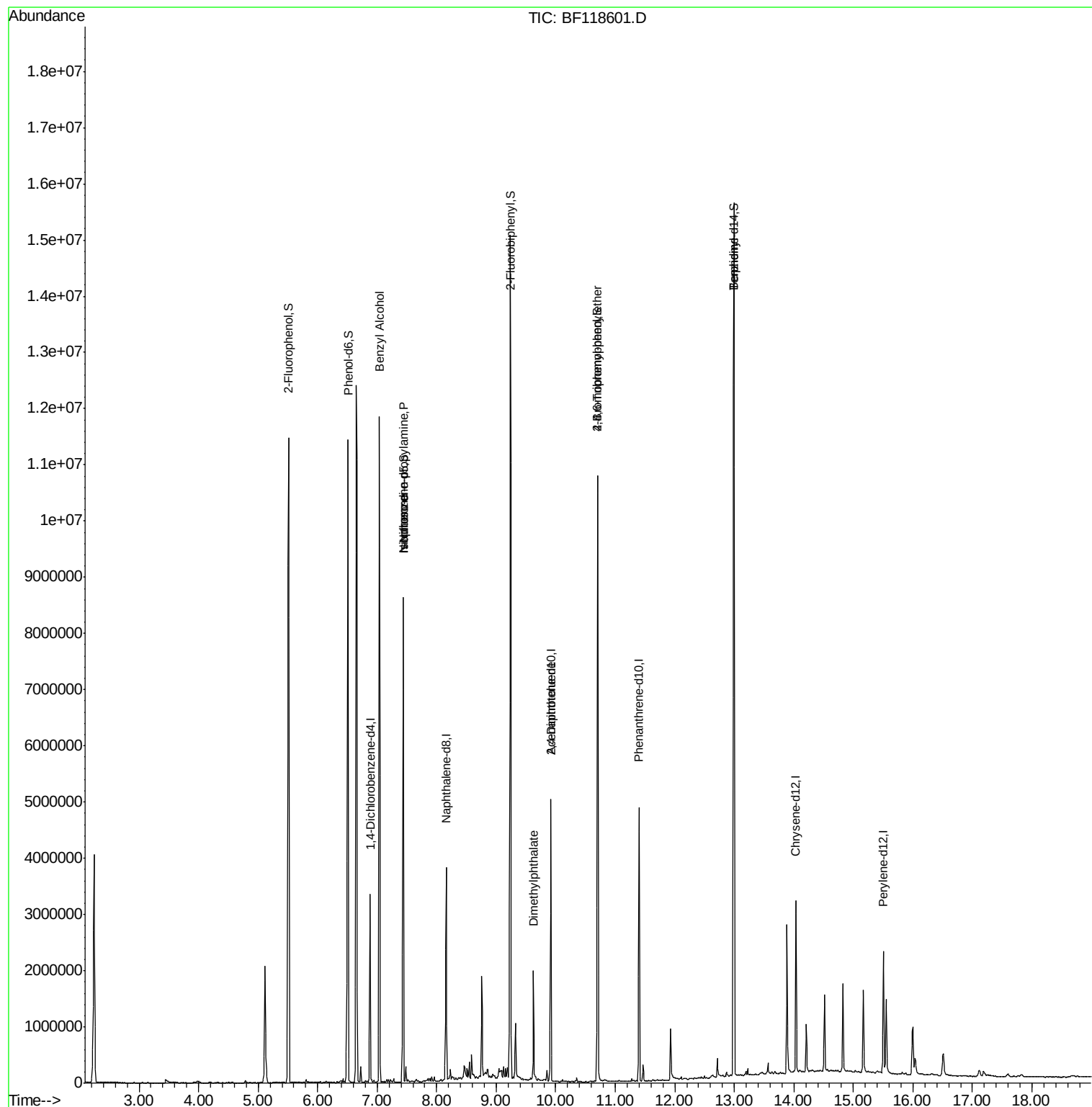
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	484295	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1747270	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	999380	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1802263	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1046836	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1042853	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	3814102	146.27	ng	0.01
7) Phenol-d6	6.51	99	5009679	147.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	3182534	101.88	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1784054	154.34	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	5436416	89.41	ng	0.00
79) Terphenyl-d14	12.99	244	5869020	122.28	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.04	79	56829	2.114	ng	# 47
19) n-Nitroso-di-n-propylamine	7.44	70	463042	20.234	ng	# 76
25) Isophorone	7.44	82	3169958	55.636	ng	# 64
50) Dimethylphthalate	9.63	163	685452	10.527	ng	# 98
57) 2,4-Dinitrotoluene	9.92	165	131710	7.166	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	115080	5.168	ng	# 1
77) Benizidine	12.99	184	88616	3.168	ng	# 95

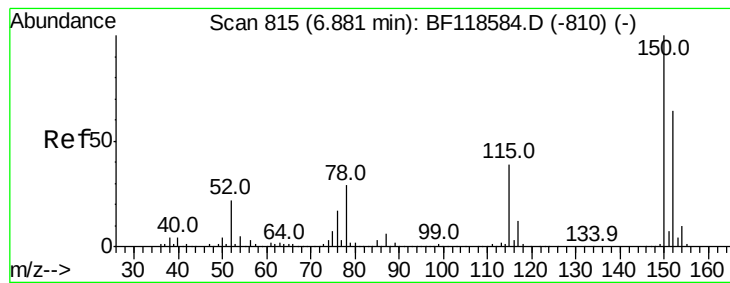
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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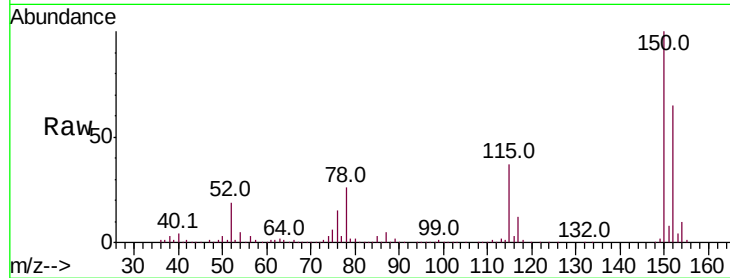


#1

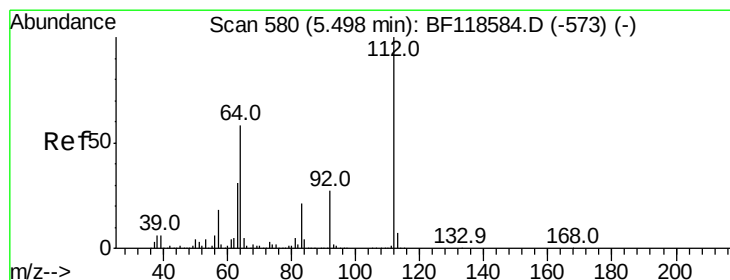
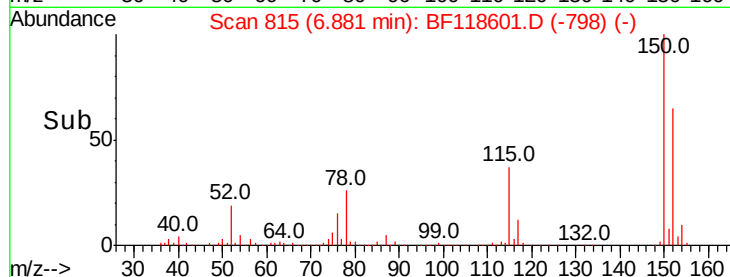
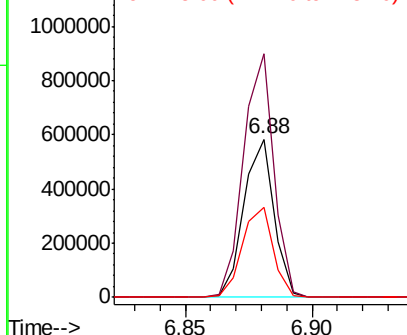
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 484295
Ion Ratio Lower Upper
152 100
150 153.9 125.6 188.4
115 56.6 48.4 72.6



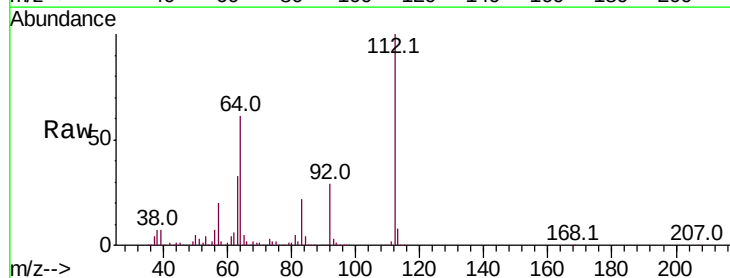
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



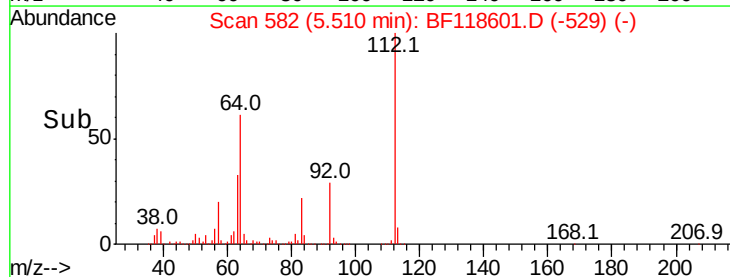
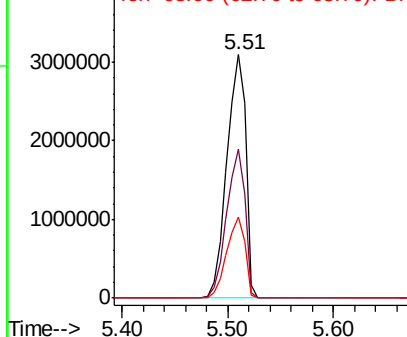
#5

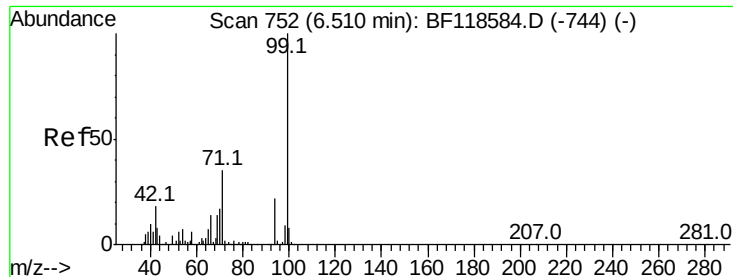
2-Fluorophenol
Concen: 146.269 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Tgt Ion:112 Resp: 3814102
Ion Ratio Lower Upper
112 100
64 61.1 46.6 70.0
63 33.3 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 147.813 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118601.D

Acq: 20 Jan 2020 19:56

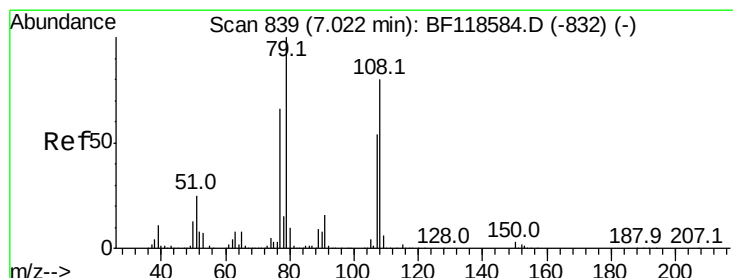
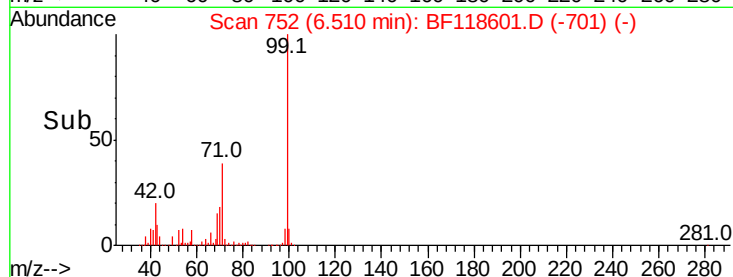
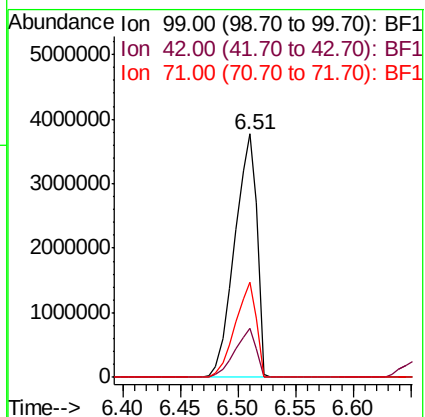
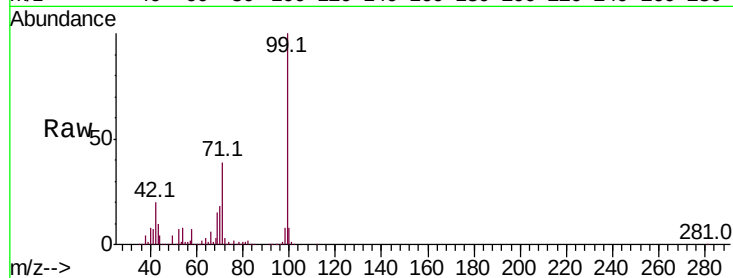
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 5009679

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.2	21.2
71	39.2	27.8	41.6



#15

Benzyl Alcohol

Concen: 2.114 ng

RT: 7.04 min Scan# 842

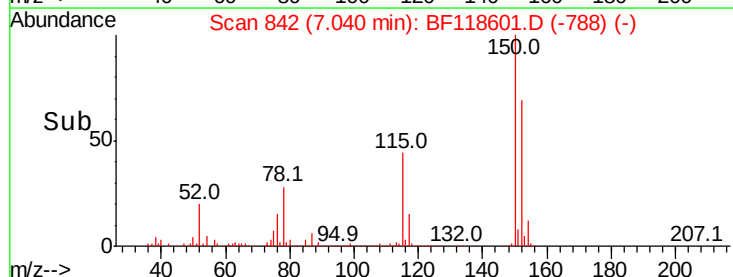
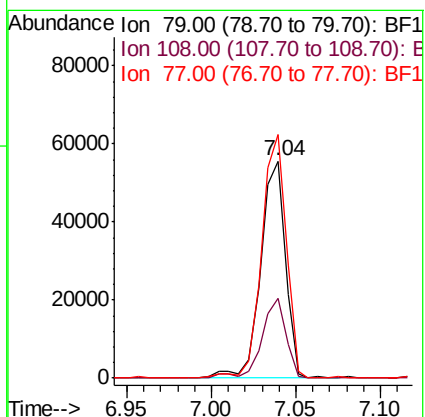
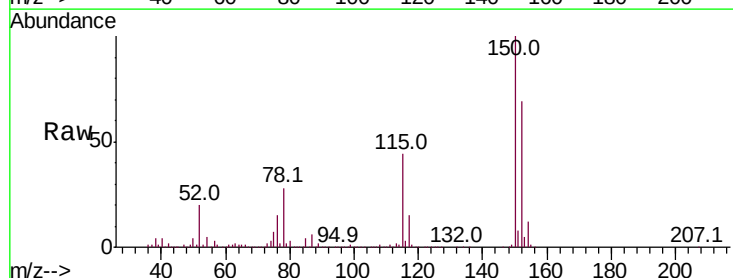
Delta R.T. 0.02 min

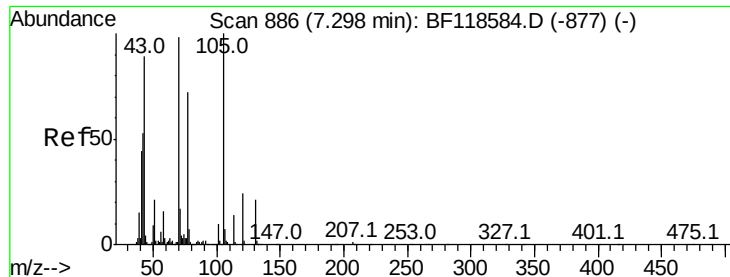
Lab File: BF118601.D

Acq: 20 Jan 2020 19:56

Tgt Ion: 79 Resp: 56829

Ion	Ratio	Lower	Upper
79	100		
108	36.8	63.6	95.4#
77	112.2	52.5	78.7#

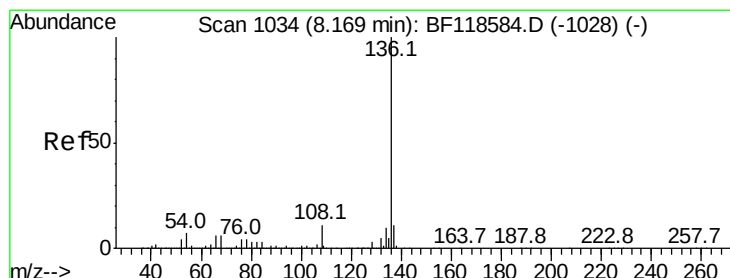
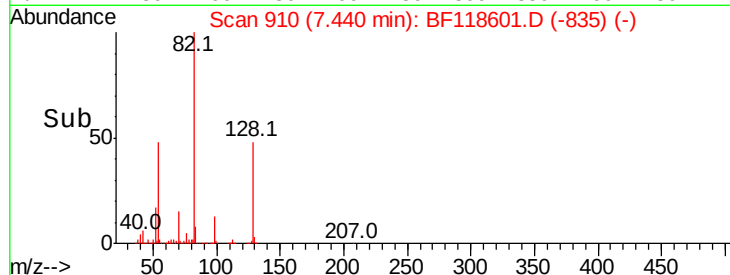
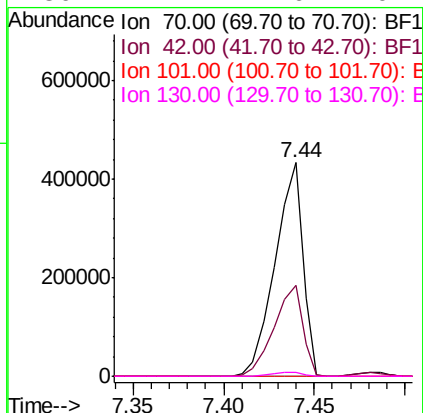
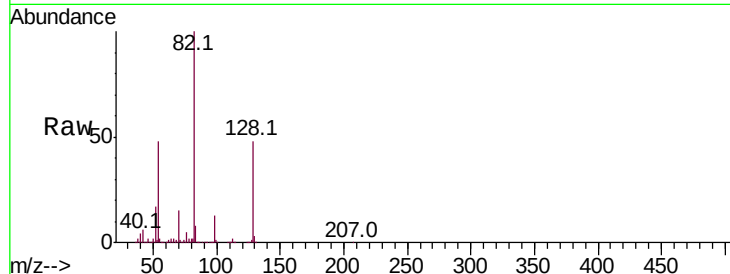




#19
n-Nitroso-di-n-propylamine
Concen: 20.234 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

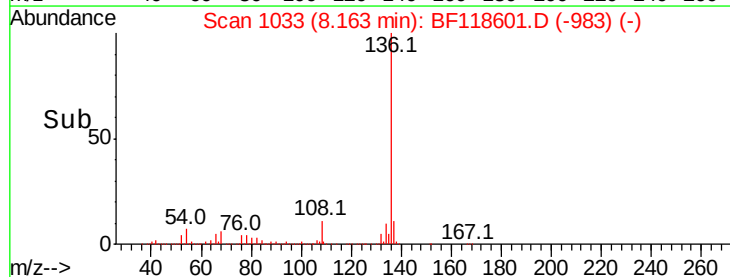
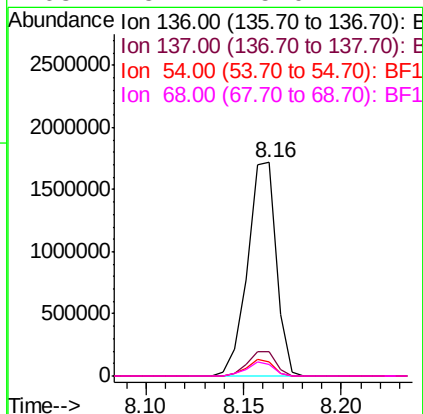
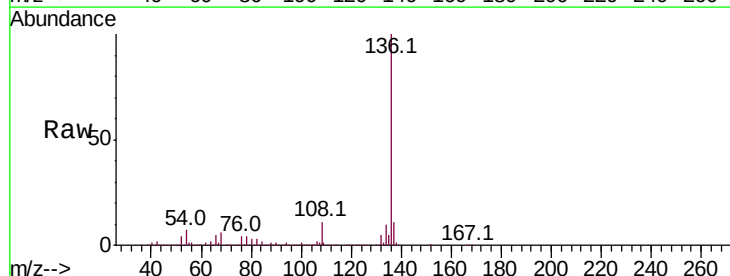
Instrument :
BNA_F
ClientSampleId :

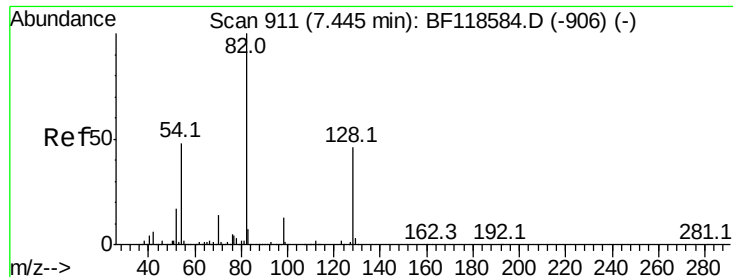
Tot Ion: 70 Resp: 463042
Ion Ratio Lower Upper
70 100
42 42.7 43.4 65.0#
101 0.0 8.1 12.1#
130 2.1 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Tgt Ion:136 Resp: 1747270
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 6.9 5.8 8.6
68 5.7 5.0 7.4

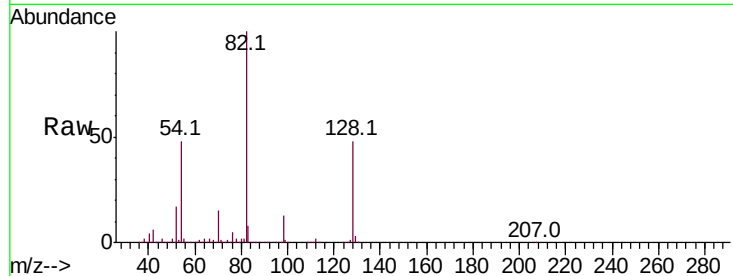




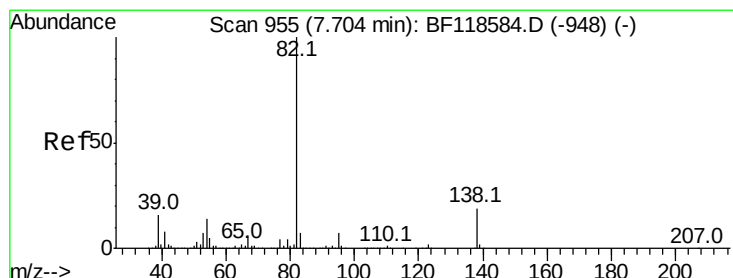
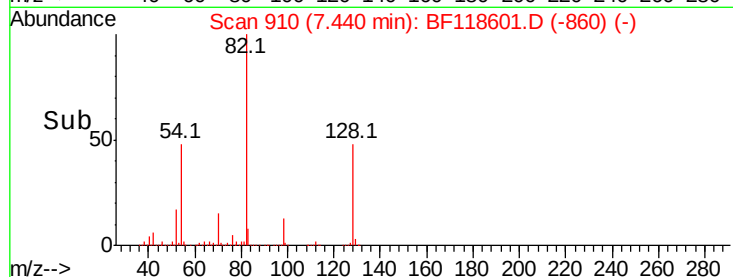
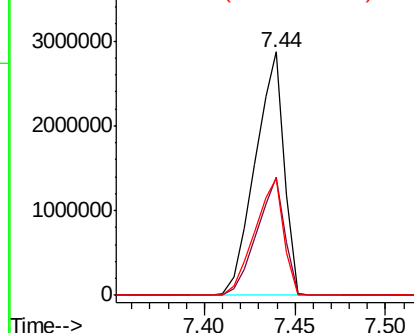
#23
Nitrobenzene-d5
Concen: 101.880 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 3182534
Ion Ratio Lower Upper
82 100
128 48.3 36.6 54.8
54 48.0 38.0 57.0

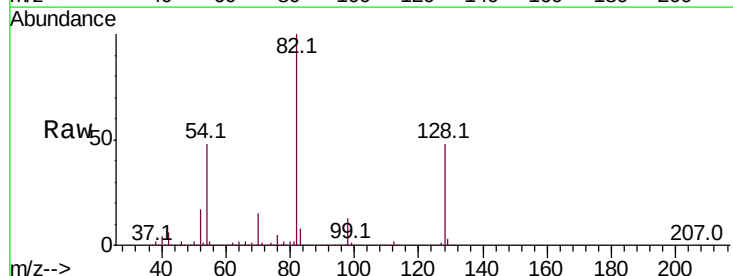


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

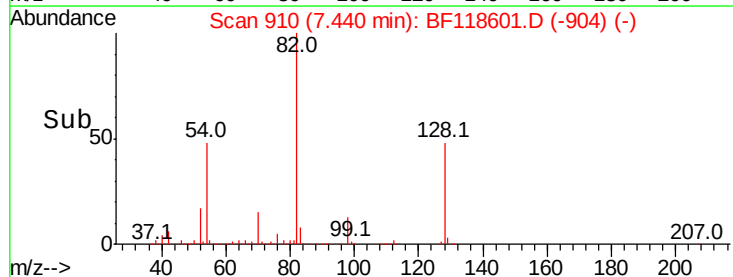
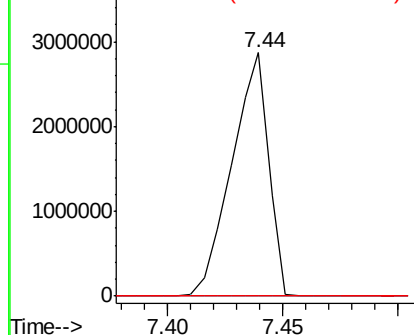


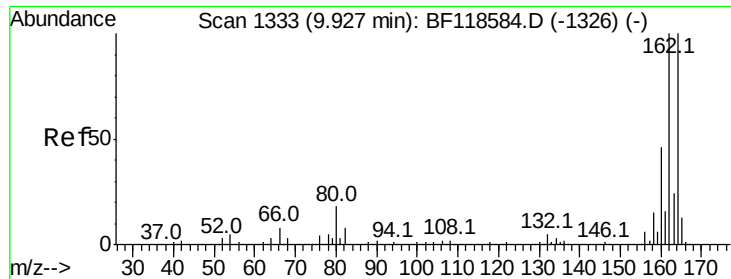
#25
Isophorone
Concen: 55.636 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Tgt Ion: 82 Resp: 3169958
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

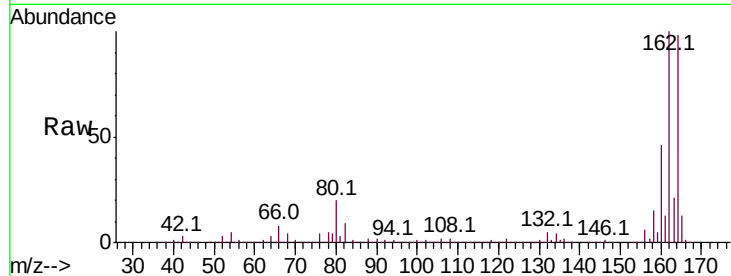




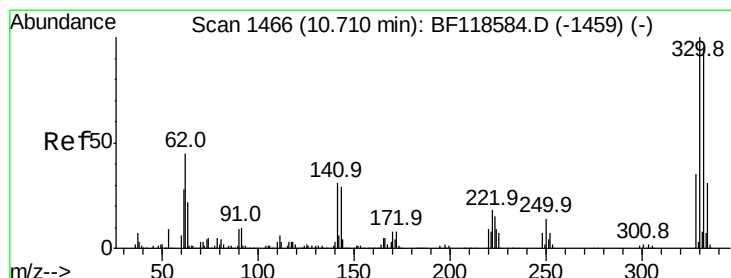
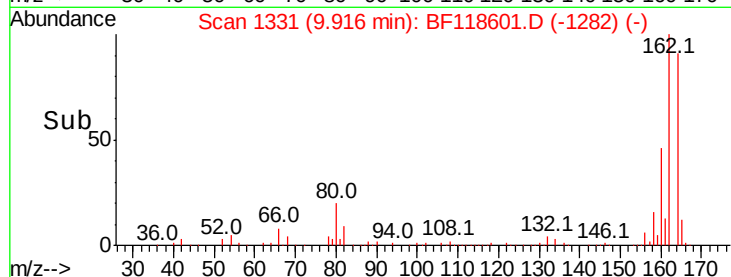
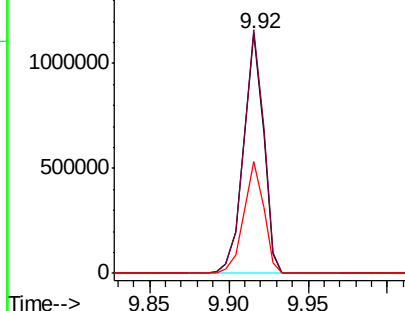
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.4	120.6
160	46.7	36.6	55.0

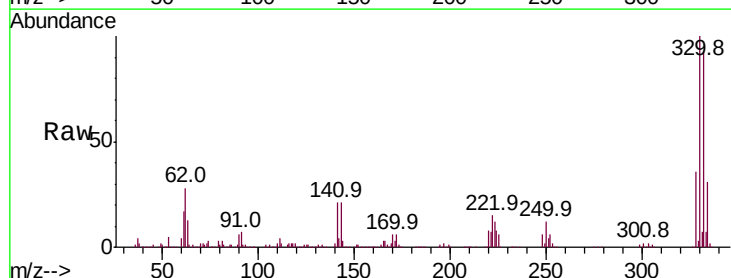


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

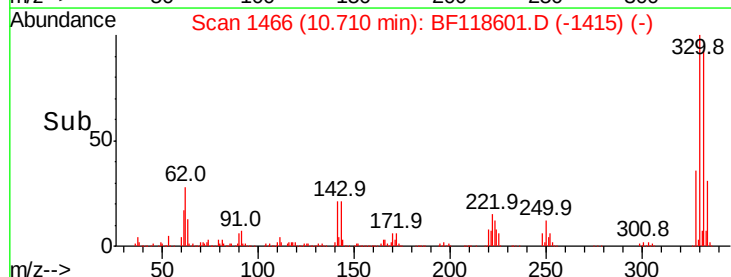
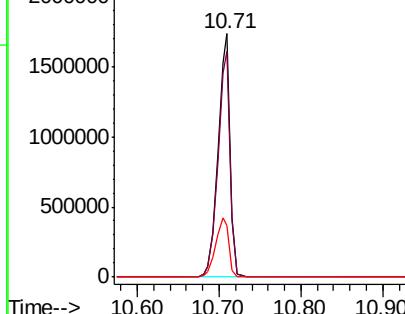


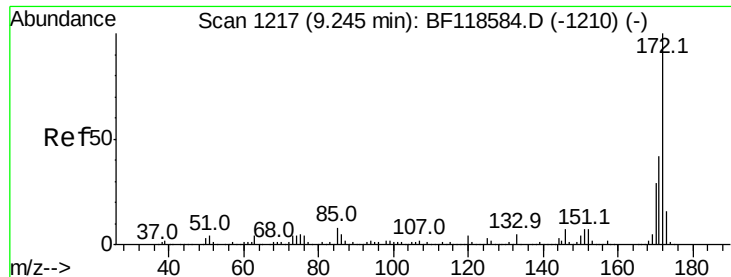
#42
2,4,6-Tribromophenol
Concen: 154.342 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.2	114.4
141	26.9	23.9	35.9



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

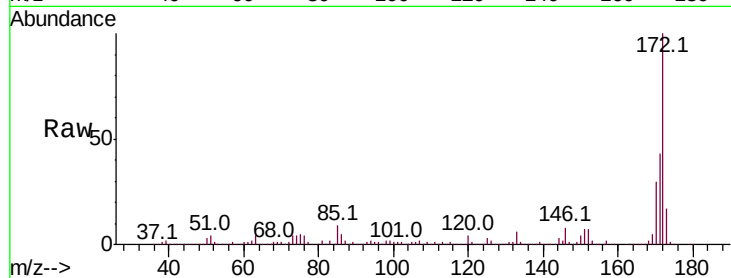




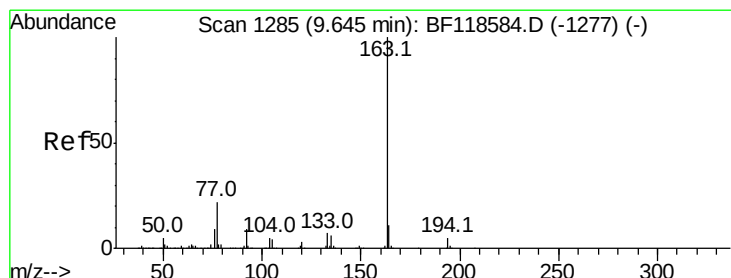
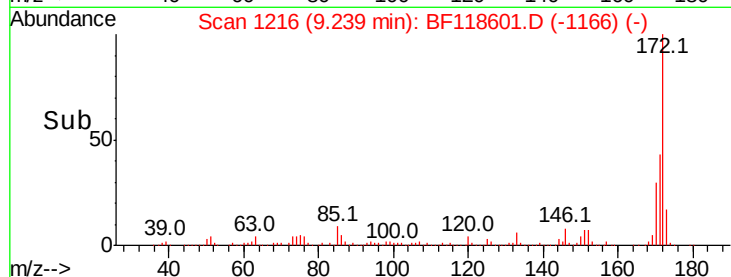
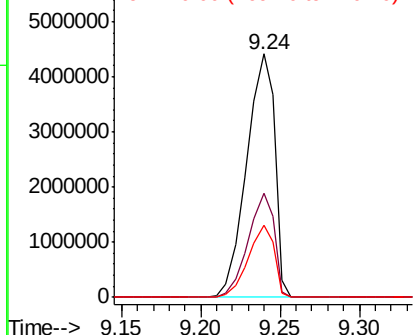
#45
2-Fluorobiphenyl
Concen: 89.409 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 5436416
Ion Ratio Lower Upper
172 100
171 43.0 33.4 50.2
170 29.7 23.2 34.8

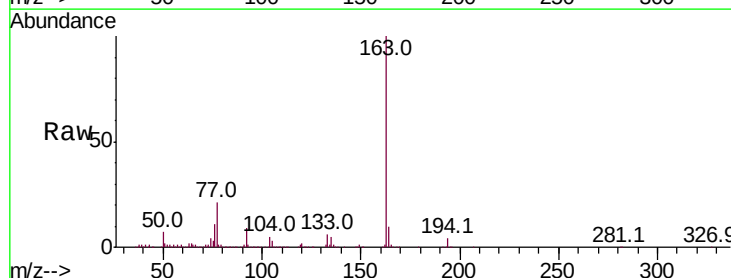


Abundance Ion 172.00 (171.70 to 172.70): E
6000000 Ion 171.00 (170.70 to 171.70): E
5000000 Ion 170.00 (169.70 to 170.70): E

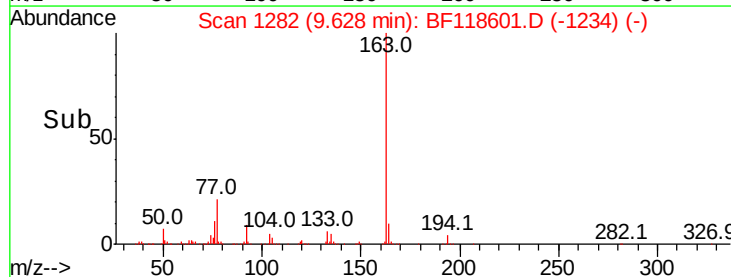
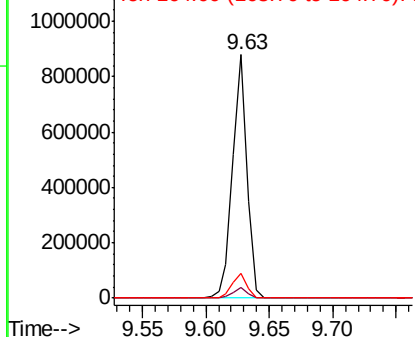


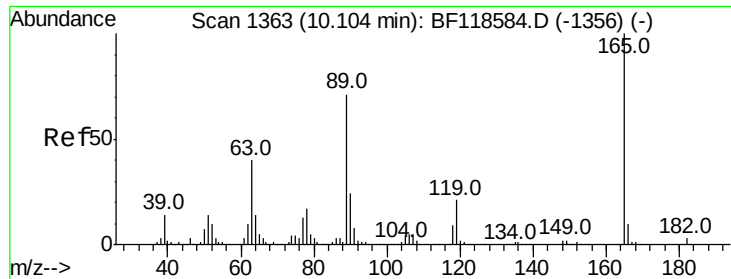
#50
Dimethylphthalate
Concen: 10.527 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Tgt Ion:163 Resp: 685452
Ion Ratio Lower Upper
163 100
194 4.4 3.9 5.9
164 10.3 9.1 13.7



Abundance Ion 163.00 (162.70 to 163.70): E
1200000 Ion 194.00 (193.70 to 194.70): E
1000000 Ion 164.00 (163.70 to 164.70): E

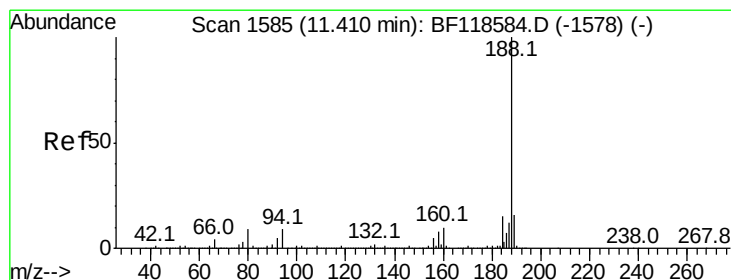
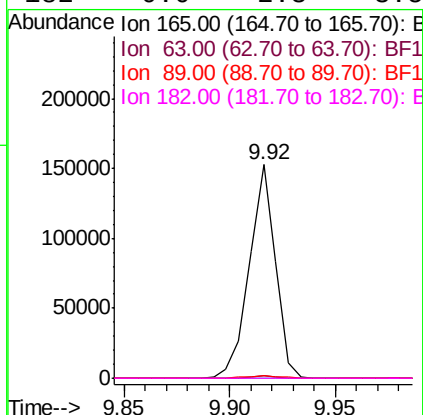
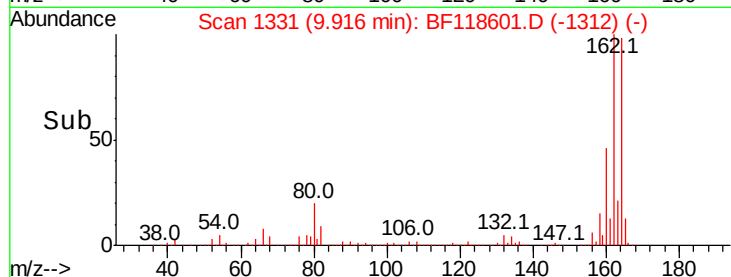
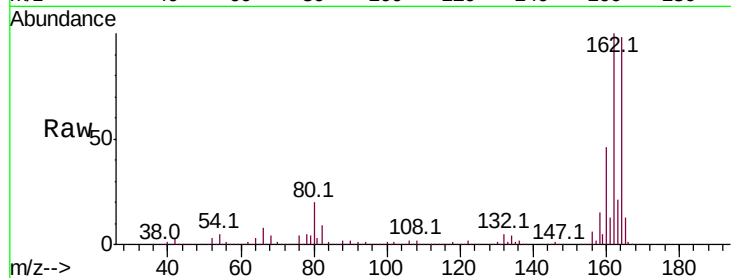




#57
 2,4-Dinitrotoluene
 Concen: 7.166 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.19 min
 Lab File: BF118601.D
 Acq: 20 Jan 2020 19:56

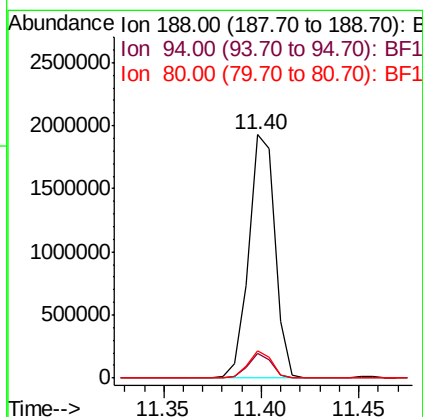
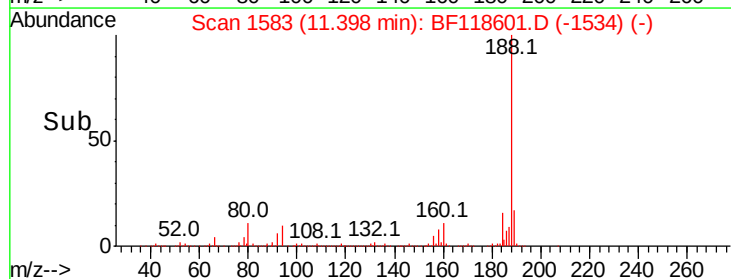
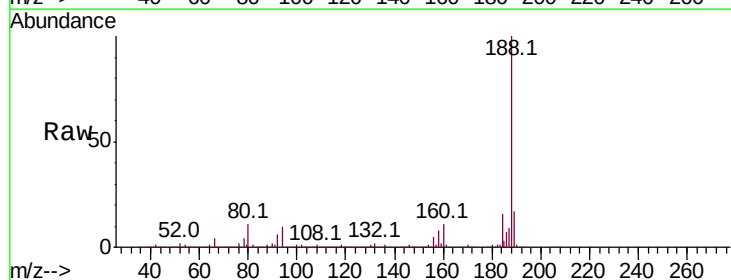
Instrument :
 BNA_F
 ClientSampleId :

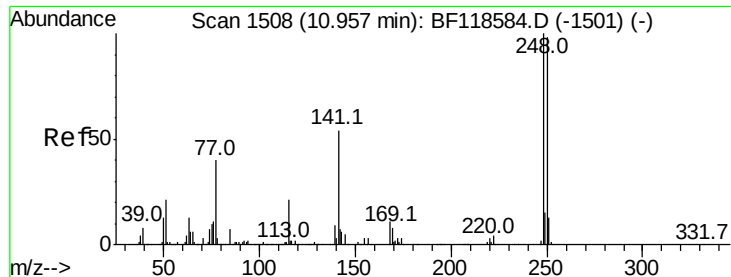
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	32.4	48.6#
89	1.1	56.4	84.6#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118601.D
 Acq: 20 Jan 2020 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.1	10.7
80	11.2	7.5	11.3

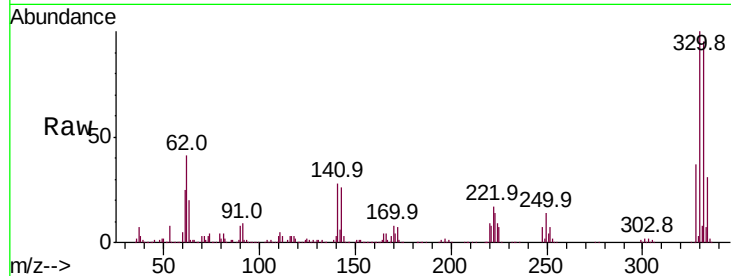




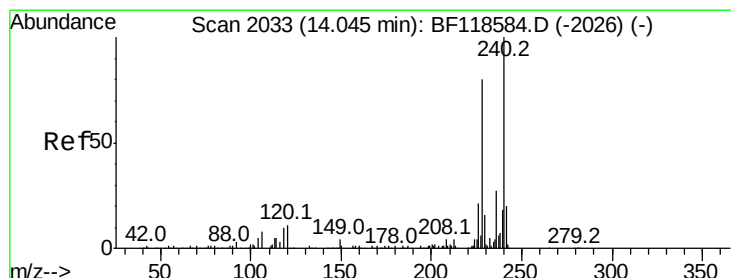
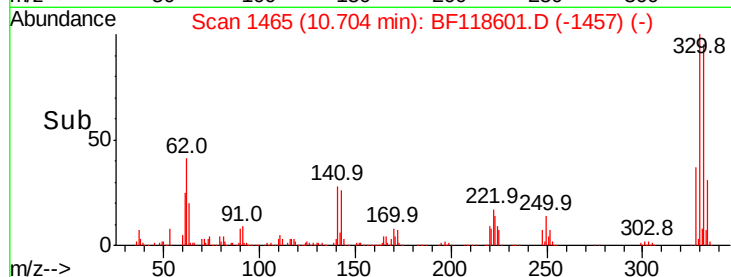
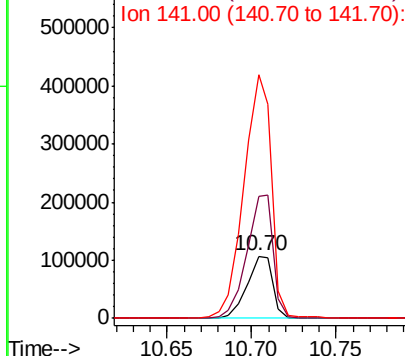
#67
4-Bromophenyl-phenylether
Concen: 5.168 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 115080
Ion Ratio Lower Upper
248 100
250 196.3 78.7 118.1#
141 391.4 43.2 64.8#

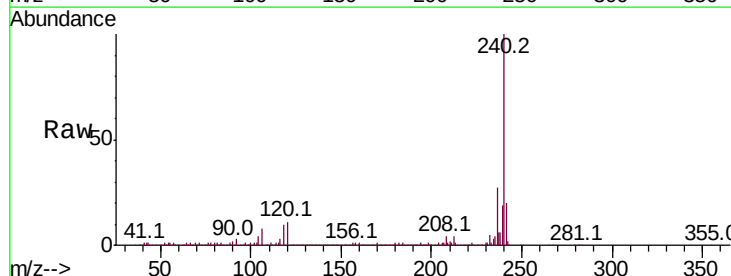


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

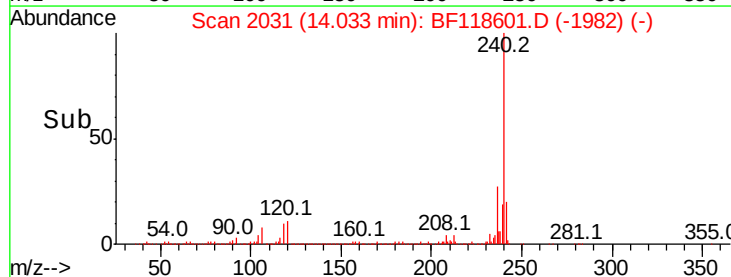
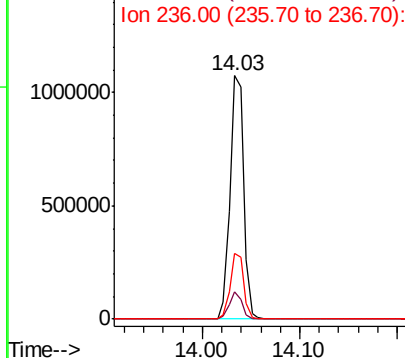


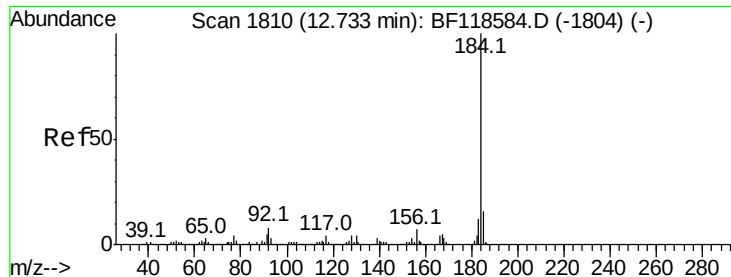
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Tgt Ion:240 Resp: 1046836
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 27.1 21.5 32.3



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

Benzidine

Concen: 3.168 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.26 min

Lab File: BF118601.D

Acq: 20 Jan 2020 19:56

Instrument :

BNA_F

ClientSampleId :

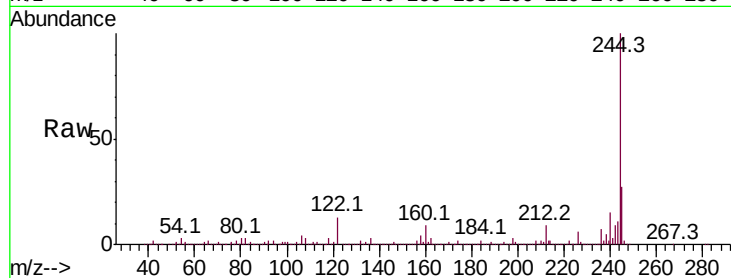
Tot Ion:184 Resp: 88616

Ion Ratio Lower Upper

184 100

185 16.0 12.9 19.3

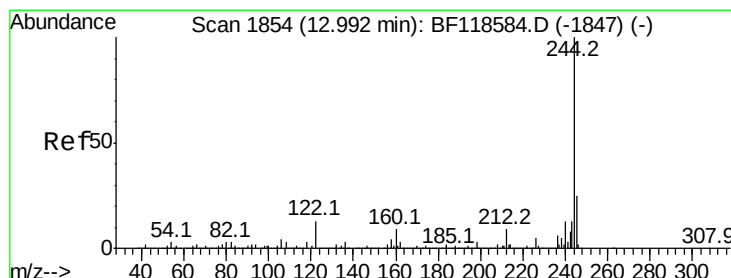
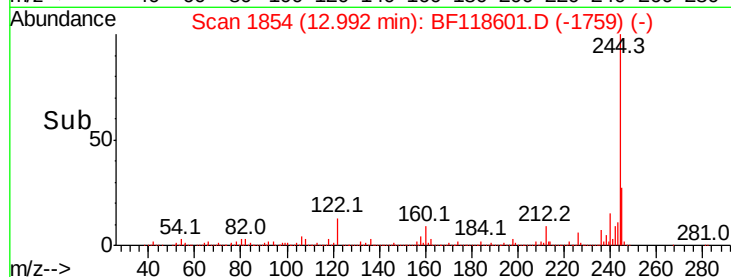
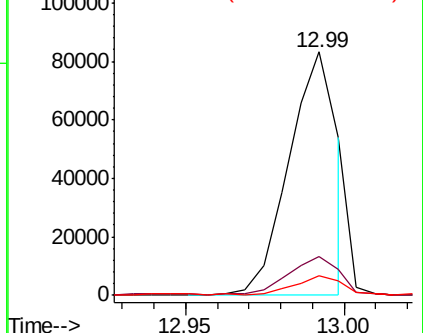
183 7.9 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 122.282 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118601.D

Acq: 20 Jan 2020 19:56

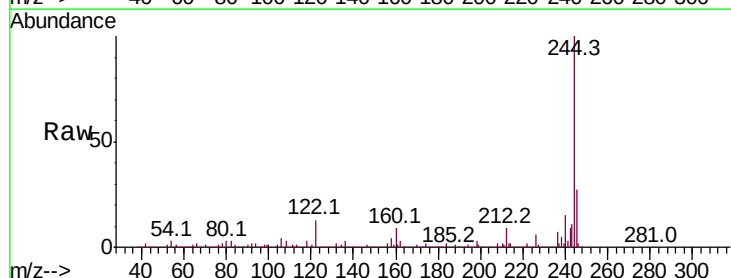
Tgt Ion:244 Resp: 5869020

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.4

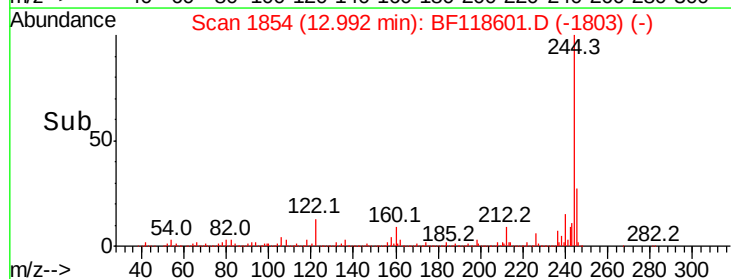
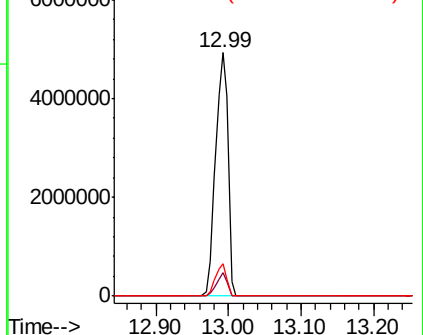
122 13.1 10.7 16.1

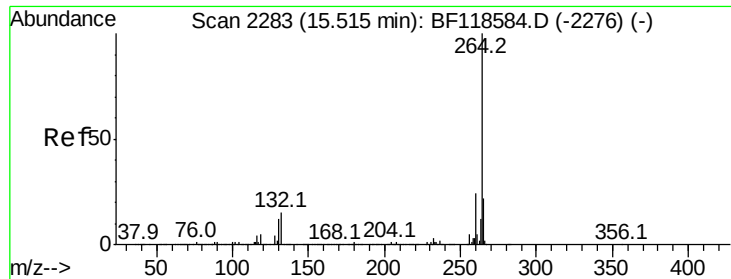


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF118601.D
Acq: 20 Jan 2020 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1042853

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.0	17.7	26.5

