

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118596.D
 Acq On : 20 Jan 2020 17:36
 Operator : CG/JU
 Sample : L1181-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:41:20 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

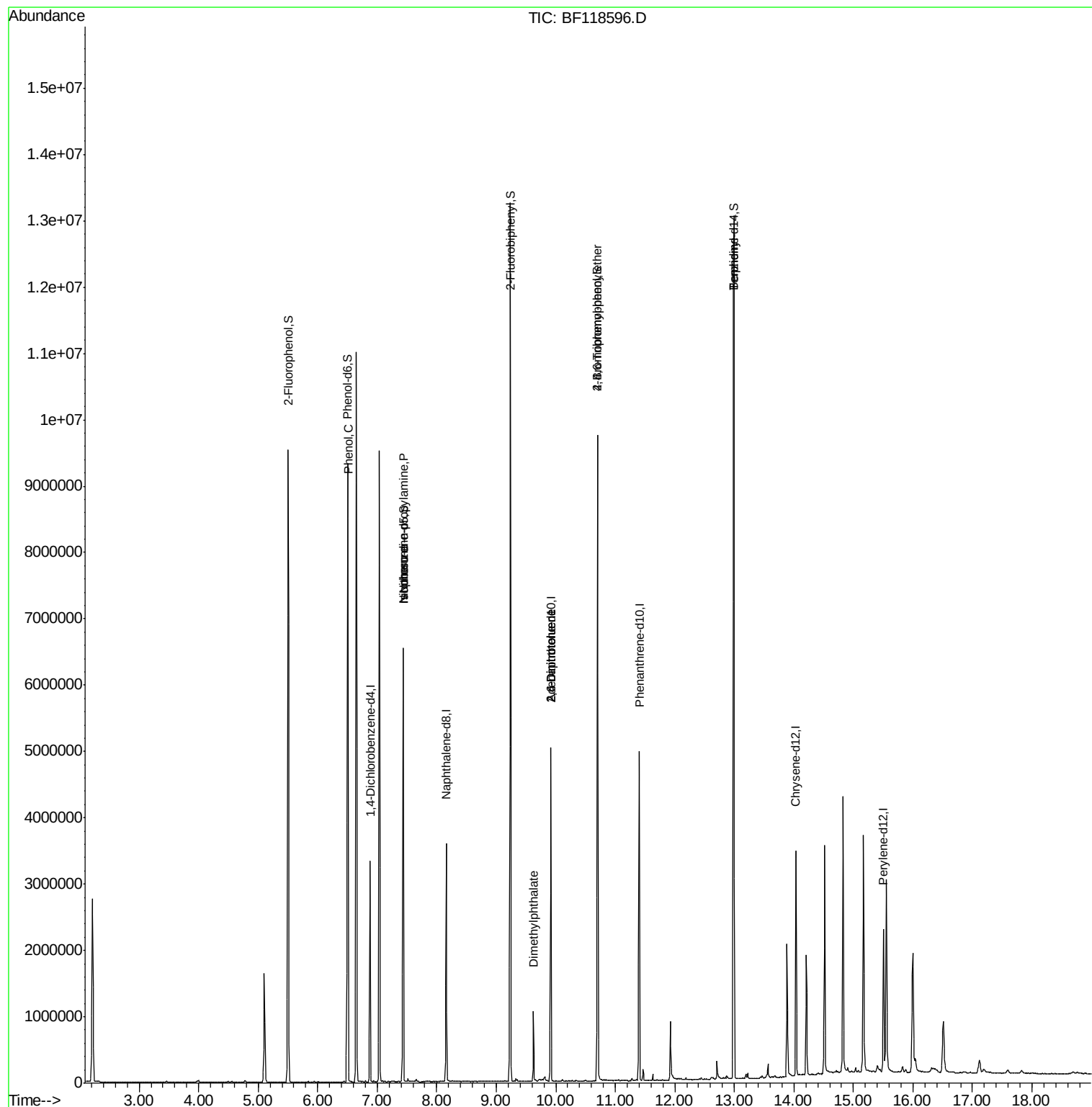
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	468039	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1712453	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	996215	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1837638	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1169222	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1069947	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2893945	114.84	ng	0.00
7) Phenol-d6	6.50	99	3793290	115.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	2358854	77.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	1350939	117.24	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4170098	68.80	ng	0.00
79) Terphenyl-d14	12.99	244	4720614	88.06	ng	0.00
Target Compounds						
10) Phenol	6.52	94	131551	3.524	ng	98
19) n-Nitroso-di-n-propylamine	7.44	70	342884	15.504	ng	# 76
25) Isophorone	7.44	82	2352169	42.122	ng	# 64
50) Dimethylphthalate	9.63	163	380400	5.861	ng	96
51) 2,6-Dinitrotoluene	9.92	165	130636	8.988	ng	# 21
57) 2,4-Dinitrotoluene	9.92	165	130636	7.130	ng	# 25
67) 4-Bromophenyl-phenylether	10.70	248	86406	3.806	ng	# 1
77) Benzidine	12.99	184	69423	2.222	ng	# 93

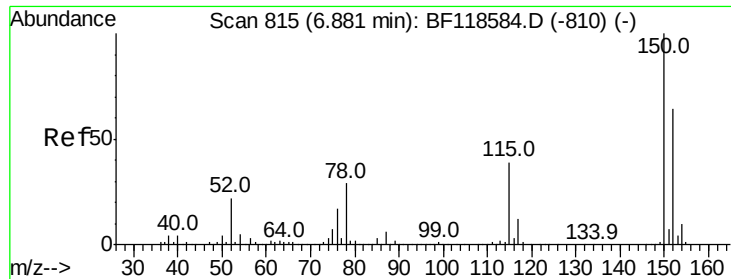
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
Data File : BF118596.D
Acq On : 20 Jan 2020 17:36
Operator : CG/JU
Sample : L1181-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 21 01:41:20 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



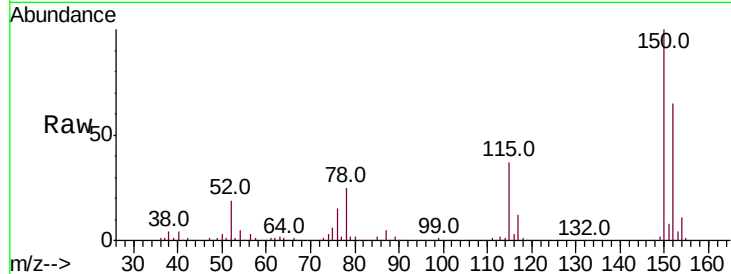


#1

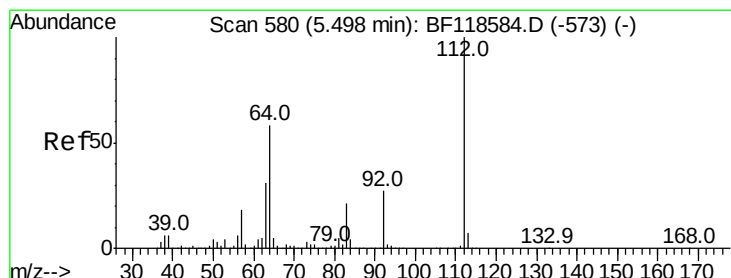
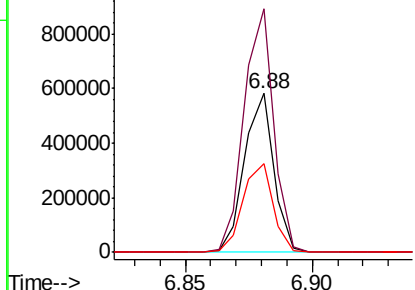
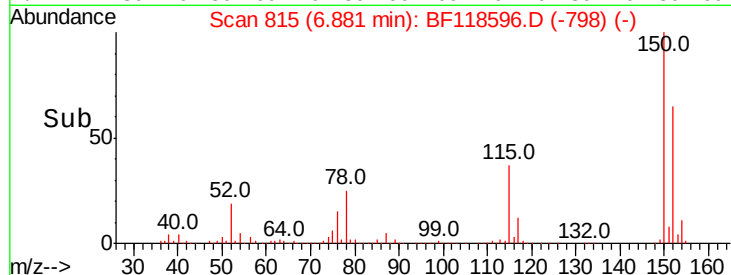
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 468039
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 56.2 48.4 72.6



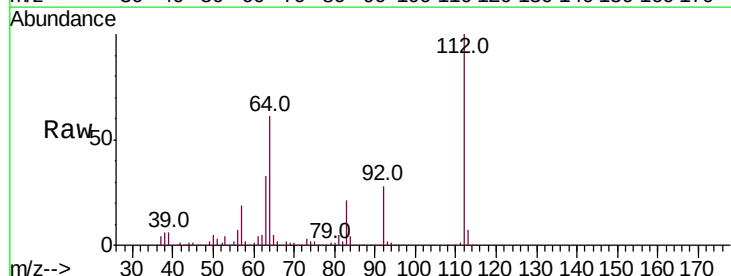
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



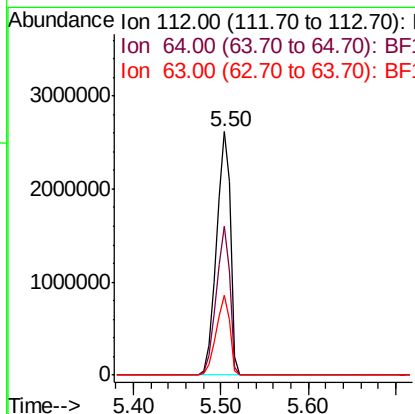
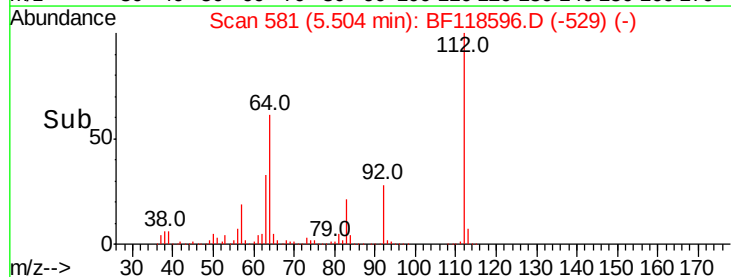
#5

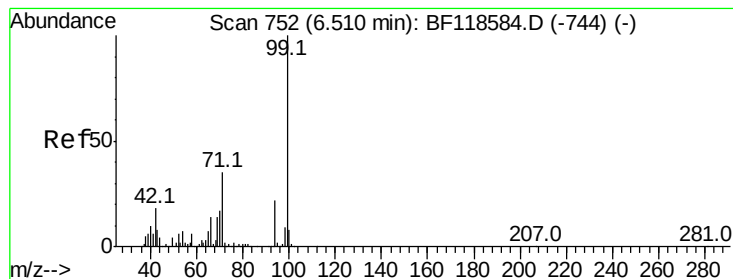
2-Fluorophenol
Concen: 114.836 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Tgt Ion:112 Resp: 2893945
Ion Ratio Lower Upper
112 100
64 61.0 46.6 70.0
63 32.5 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: 115.810 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118596.D

Acq: 20 Jan 2020 17:36

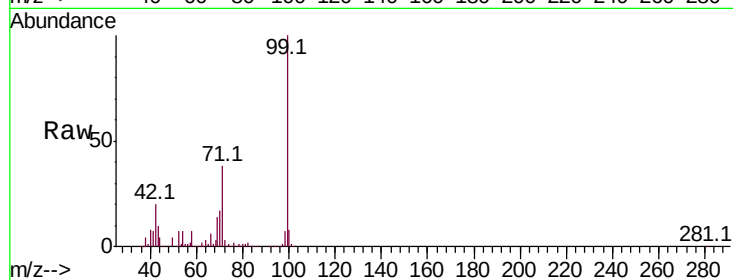
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3793290

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.2	21.2
71	38.0	27.8	41.6

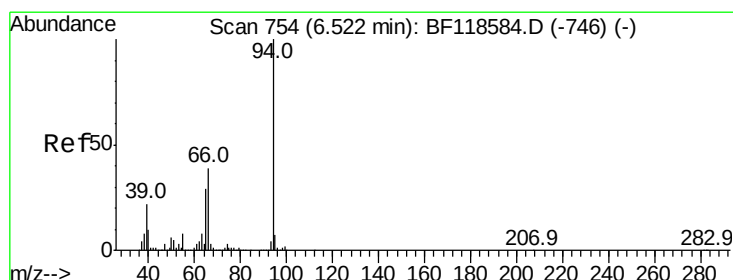
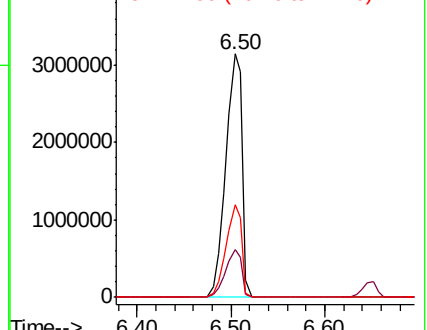
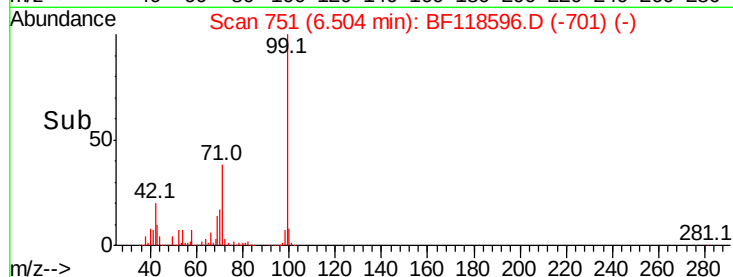


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.524 ng

RT: 6.52 min Scan# 753

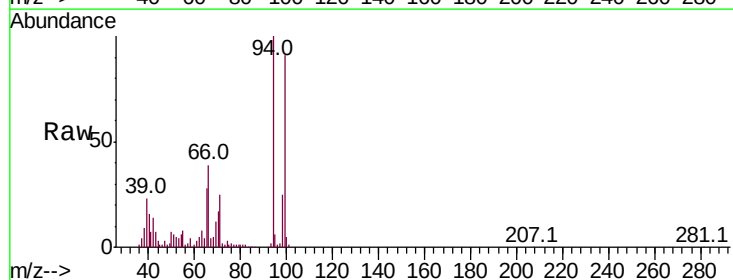
Delta R.T. -0.01 min

Lab File: BF118596.D

Acq: 20 Jan 2020 17:36

Tgt Ion: 94 Resp: 131551

Ion	Ratio	Lower	Upper
94	100		
65	28.1	9.5	49.5
66	39.4	18.5	58.5

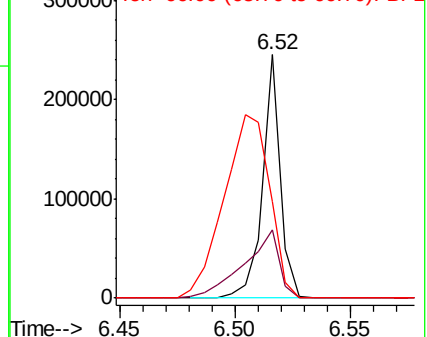
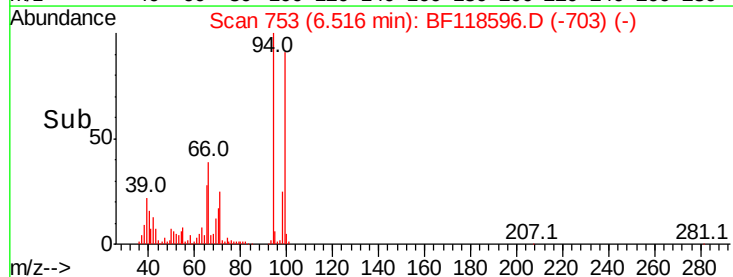


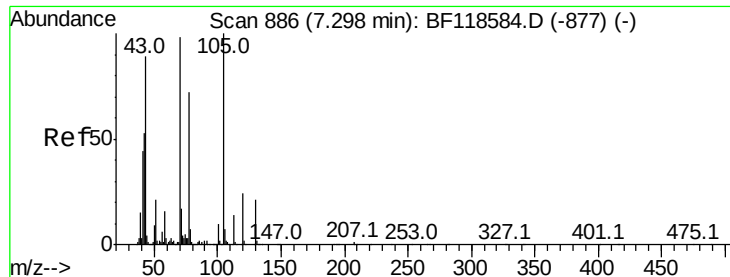
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

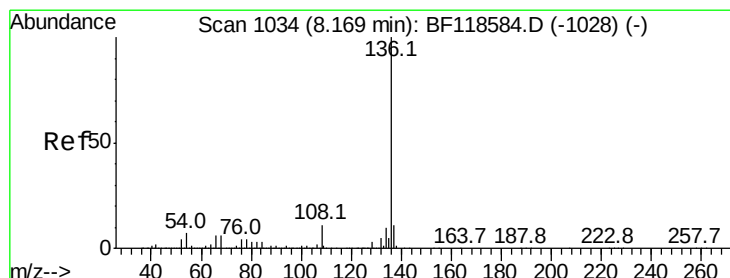
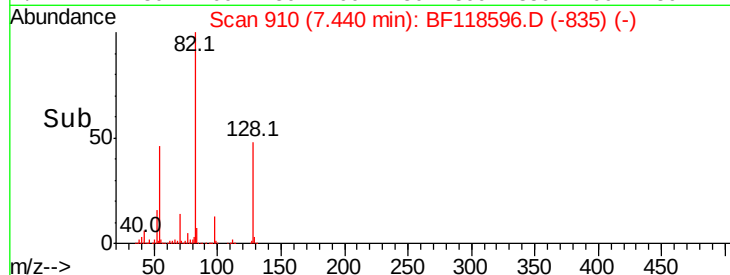
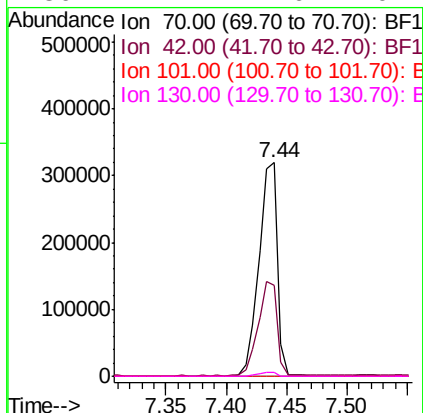
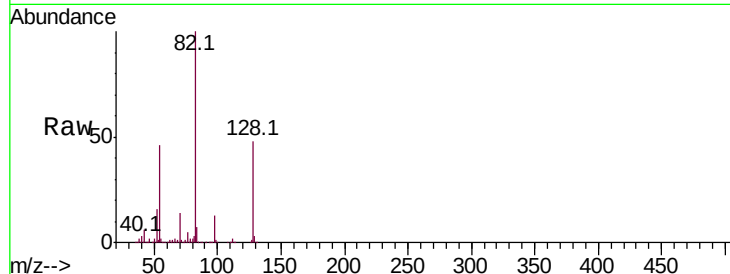




#19
n-Nitroso-di-n-propylamine
Concen: 15.504 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.14 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

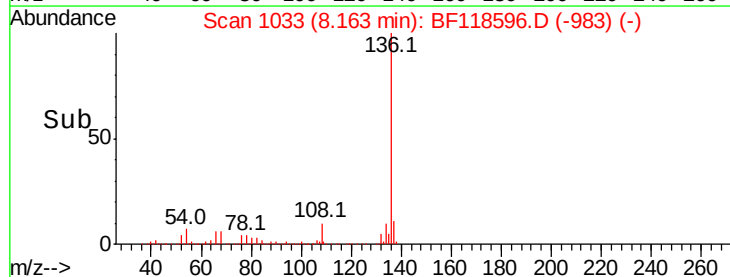
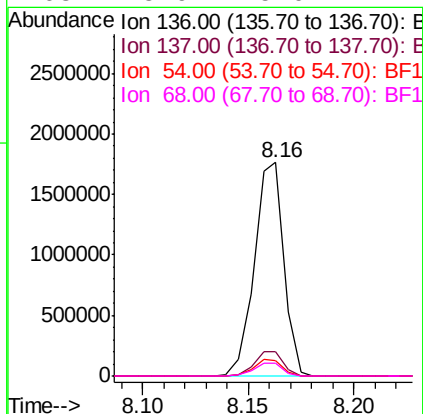
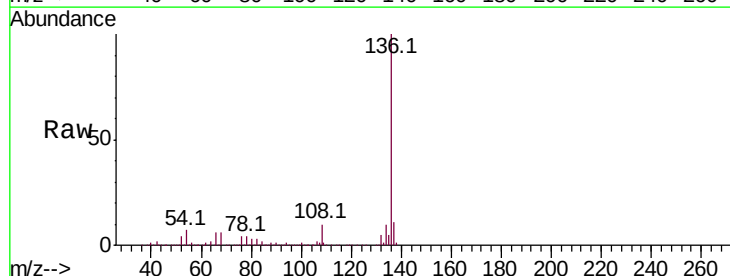
Instrument :
BNA_F
ClientSampleId :

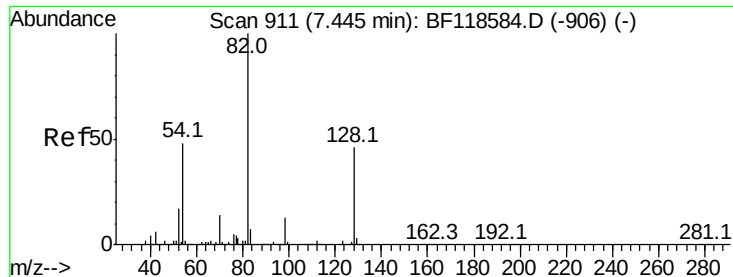
Tot Ion: 70 Resp: 342884
Ion Ratio Lower Upper
70 100
42 42.9 43.4 65.0#
101 0.0 8.1 12.1#
130 2.1 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Tgt Ion: 136 Resp: 1712453
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 6.9 5.8 8.6
68 5.9 5.0 7.4

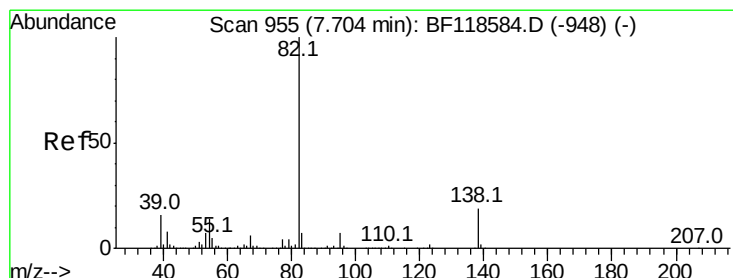
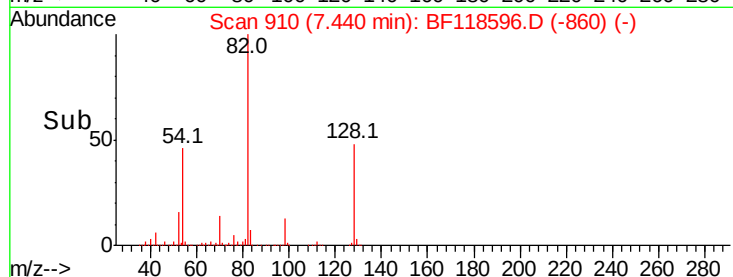
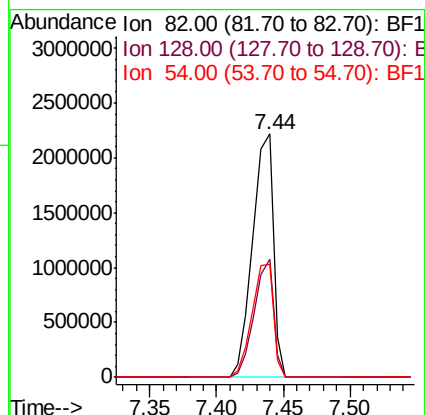
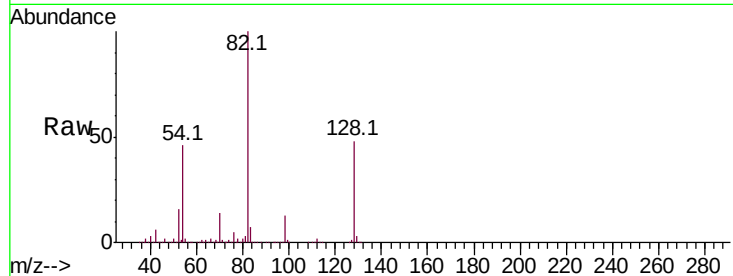




#23
Nitrobenzene-d5
Concen: 77.047 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

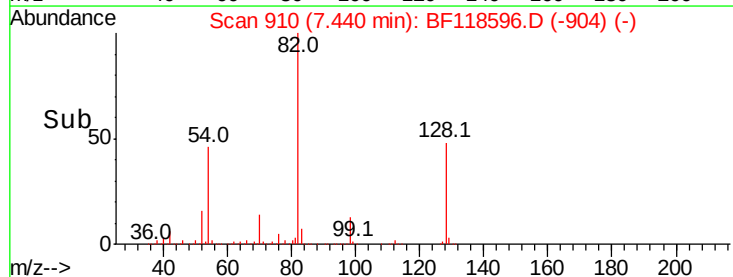
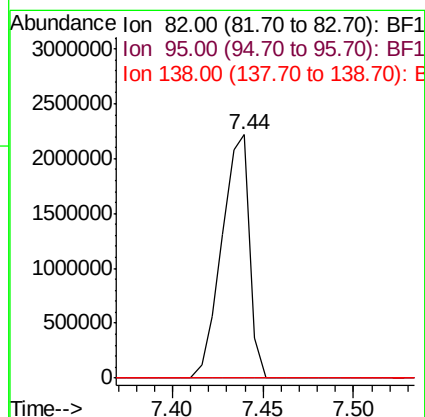
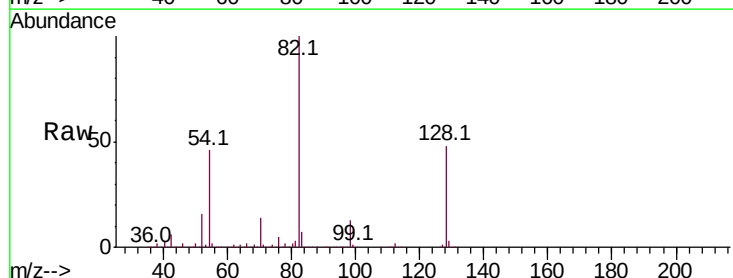
Instrument :
BNA_F
ClientSampled :

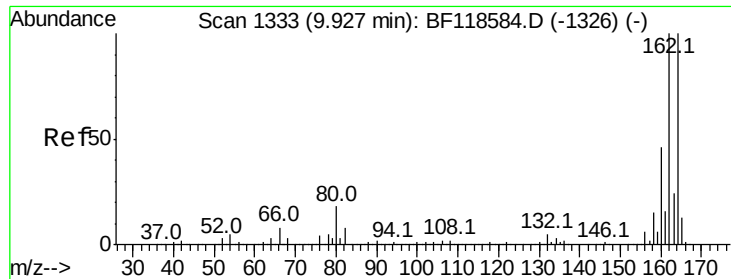
Tot Ion: 82 Resp: 2358854
Ion Ratio Lower Upper
82 100
128 48.4 36.6 54.8
54 46.4 38.0 57.0



#25
Isophorone
Concen: 42.122 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Tgt Ion: 82 Resp: 2352169
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.3 22.9#

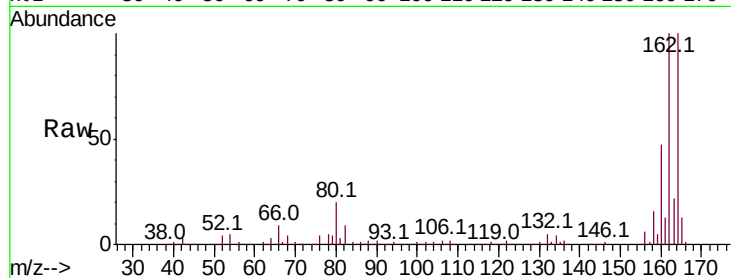




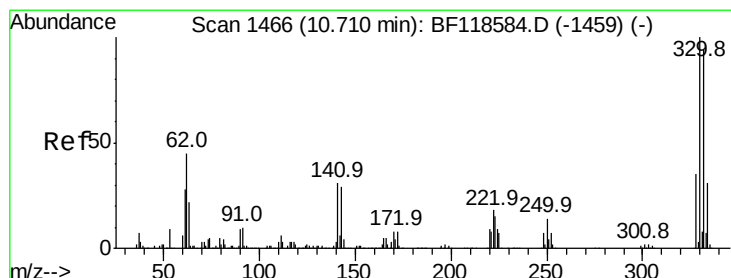
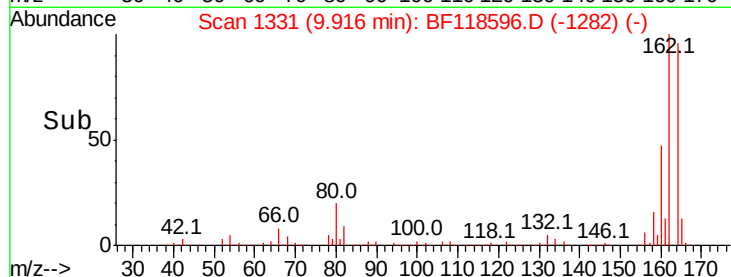
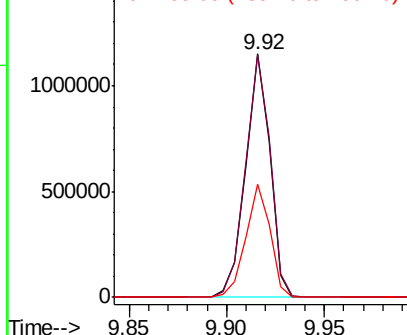
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 996215
Ion Ratio Lower Upper
164 100
162 99.8 80.4 120.6
160 46.6 36.6 55.0

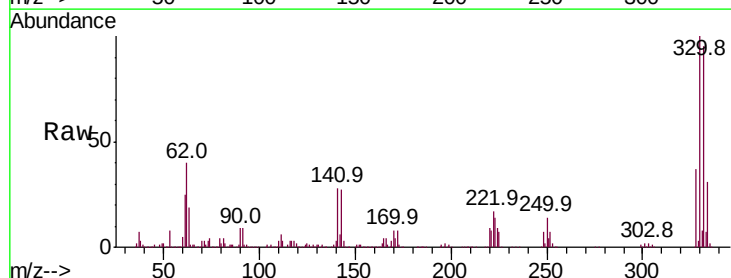


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

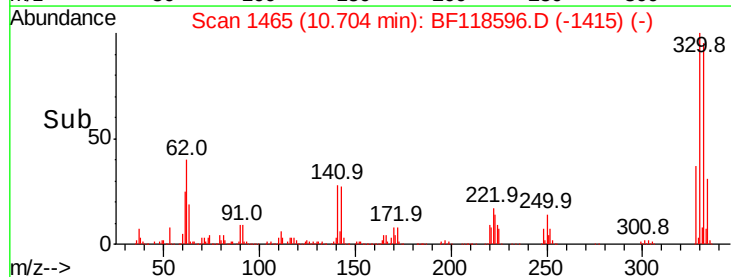
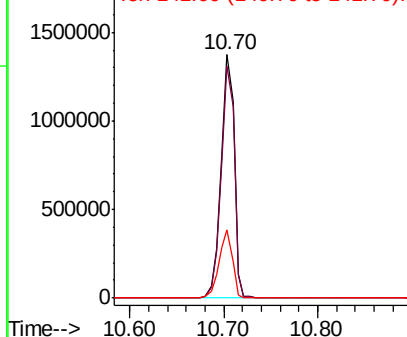


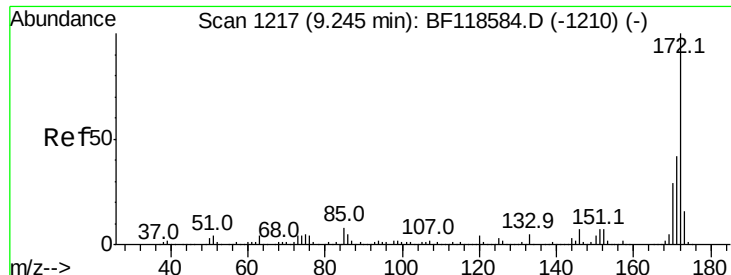
#42
2,4,6-Tribromophenol
Concen: 117.244 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Tgt Ion:330 Resp: 1350939
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 28.3 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

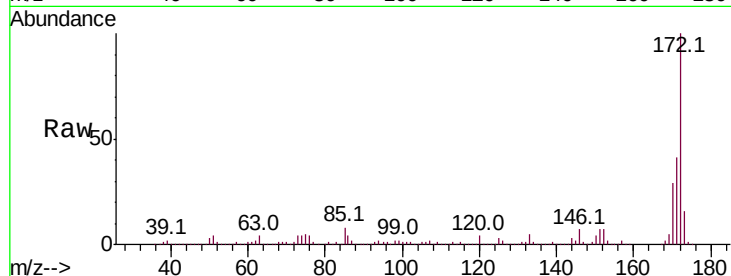




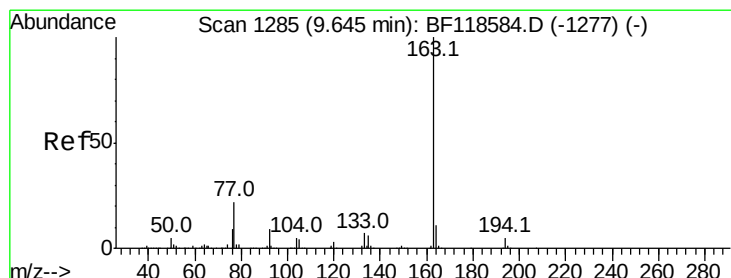
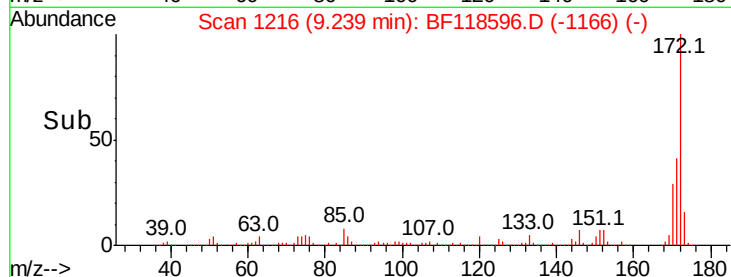
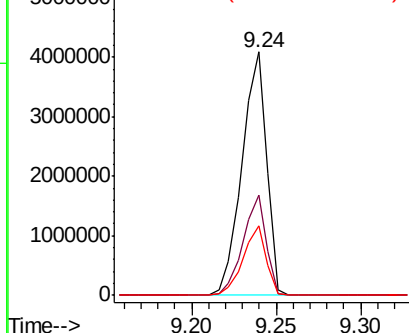
#45
2-Fluorobiphenyl
Concen: 68.801 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 4170098
Ion Ratio Lower Upper
172 100
171 41.4 33.4 50.2
170 28.8 23.2 34.8

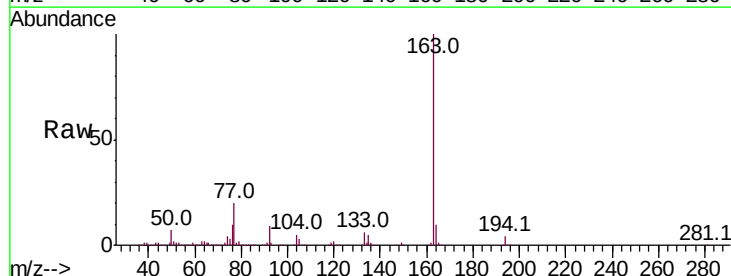


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

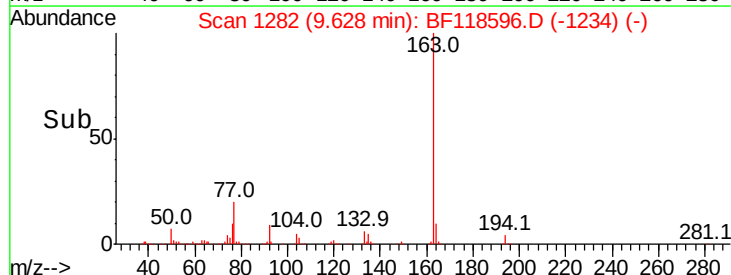
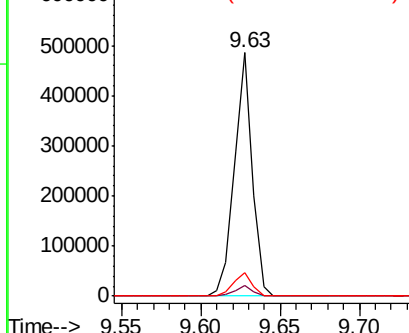


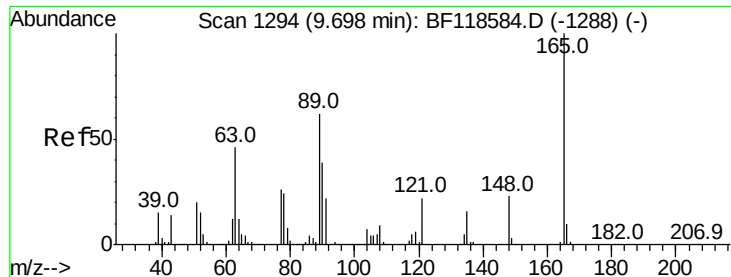
#50
Dimethylphthalate
Concen: 5.861 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118596.D
Acq: 20 Jan 2020 17:36

Tgt Ion:163 Resp: 380400
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 9.8 9.1 13.7



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





#51

2,6-Dinitrotoluene

Concen: 8.988 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.22 min

Lab File: BF118596.D

Acq: 20 Jan 2020 17:36

Instrument :

BNA_F

ClientSampleId :

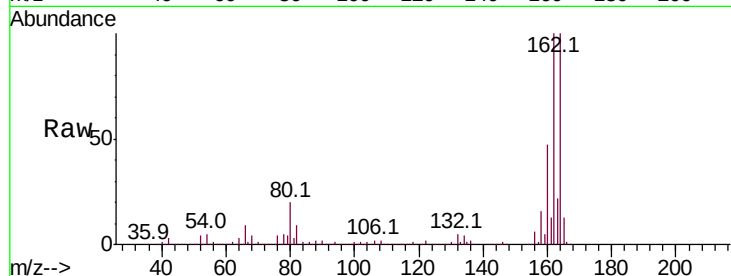
Tot Ion:165 Resp: 130636

Ion Ratio Lower Upper

165 100

63 0.9 48.9 73.3#

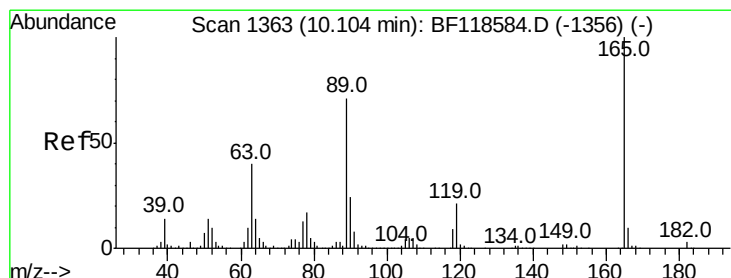
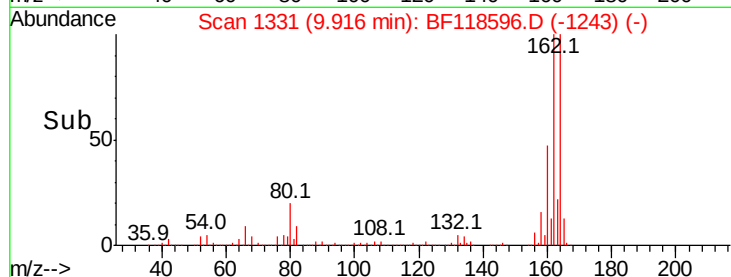
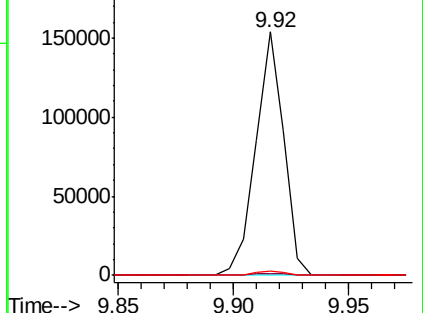
89 1.7 49.8 74.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 7.130 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.19 min

Lab File: BF118596.D

Acq: 20 Jan 2020 17:36

Tgt Ion:165 Resp: 130636

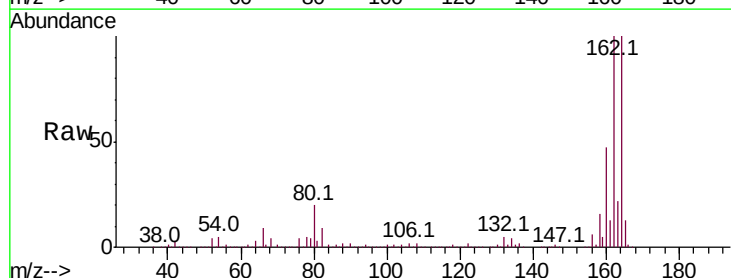
Ion Ratio Lower Upper

165 100

63 0.9 32.4 48.6#

89 1.7 56.4 84.6#

182 0.0 2.3 3.5#

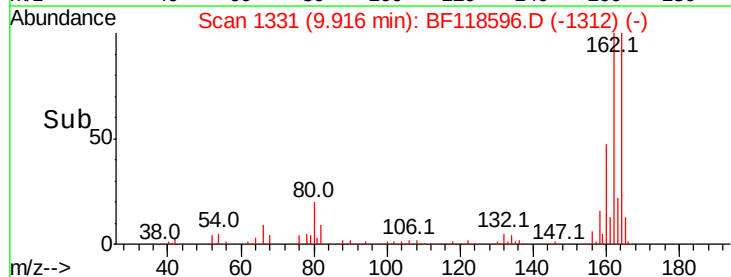
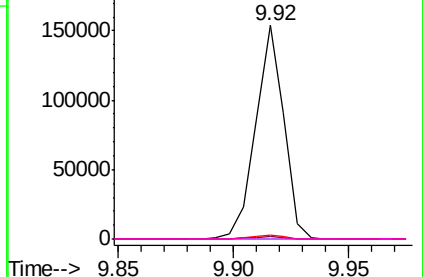


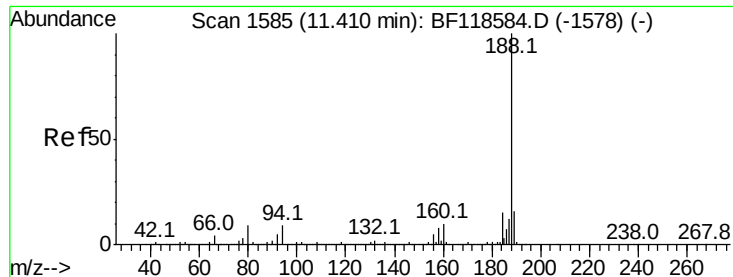
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

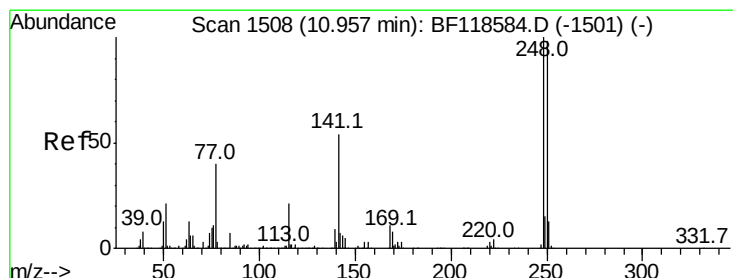
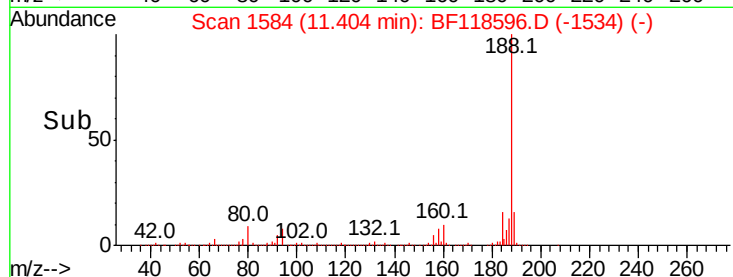
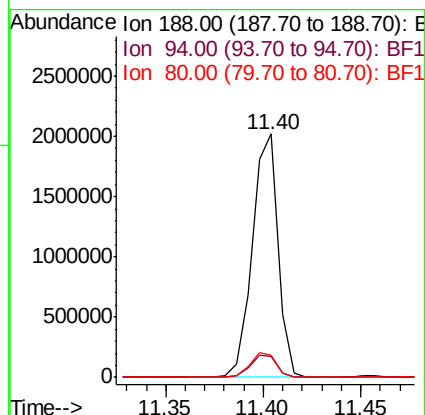
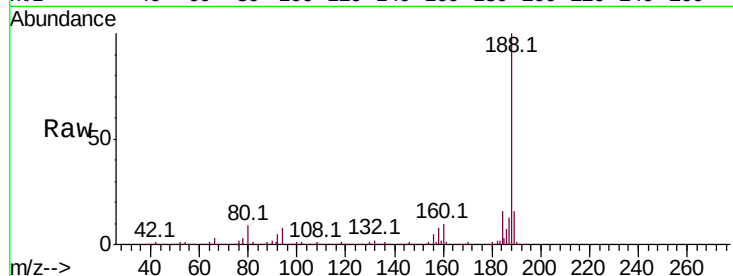




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118596.D
 Acq: 20 Jan 2020 17:36

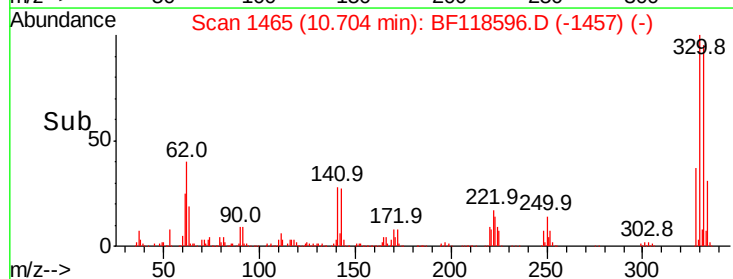
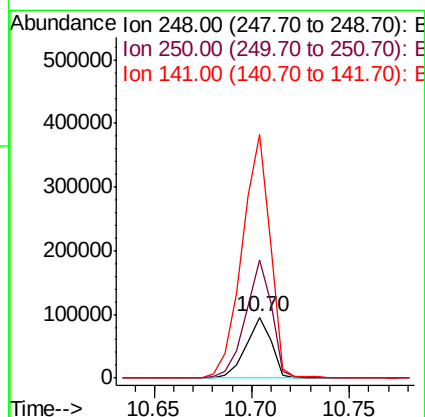
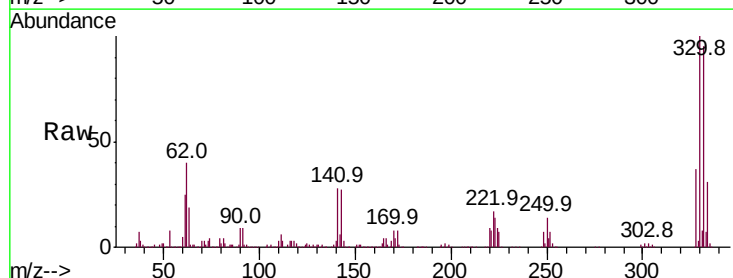
Instrument :
 BNA_F
 ClientSampleId :

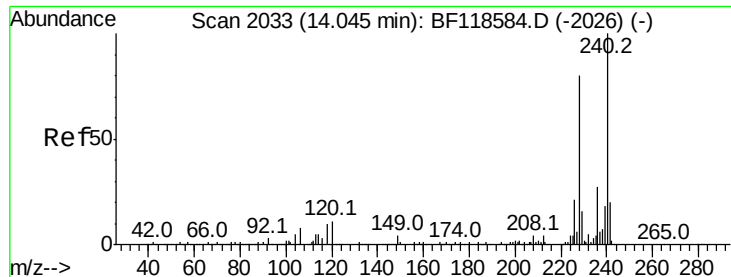
Tot Ion:188 Resp: 1837638
 Ion Ratio Lower Upper
 188 100
 94 8.5 7.1 10.7
 80 9.2 7.5 11.3



#67
 4-Bromophenyl-phenylether
 Concen: 3.806 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.25 min
 Lab File: BF118596.D
 Acq: 20 Jan 2020 17:36

Tgt Ion:248 Resp: 86406
 Ion Ratio Lower Upper
 248 100
 250 195.5 78.7 118.1#
 141 401.3 43.2 64.8#

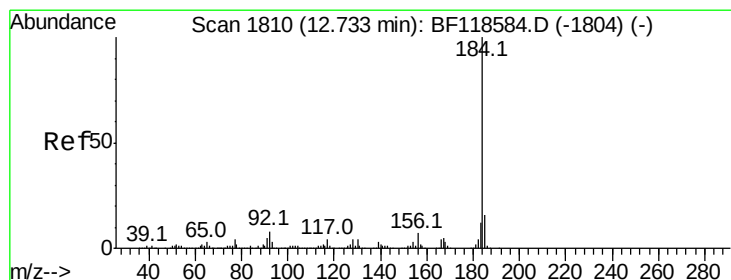
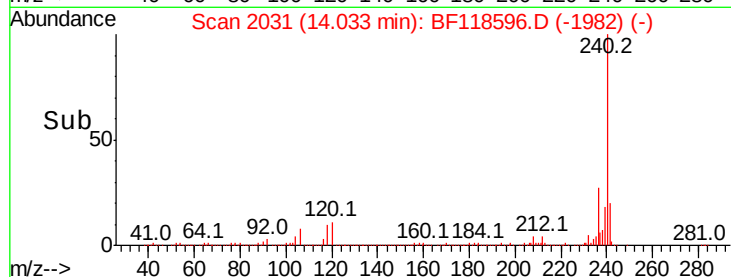
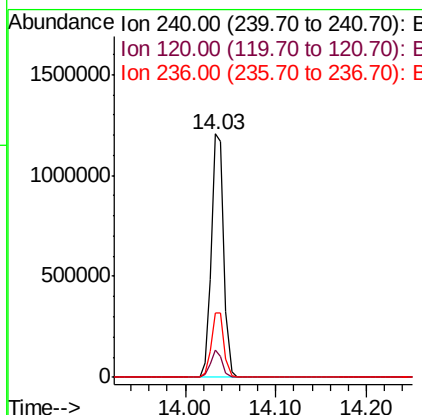
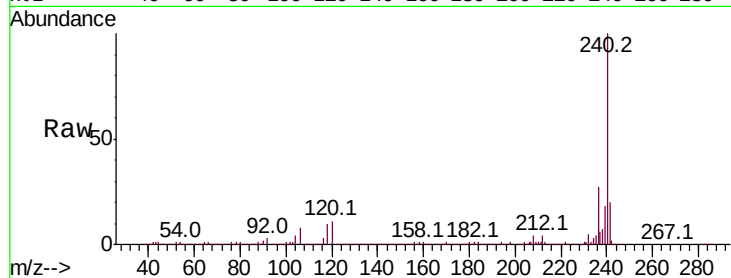




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF118596.D
 Acq: 20 Jan 2020 17:36

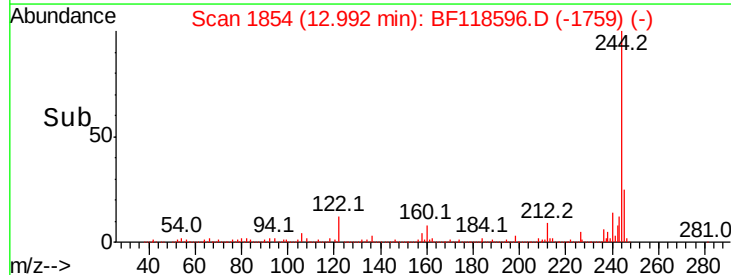
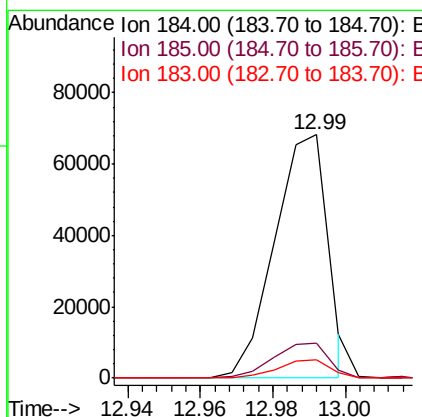
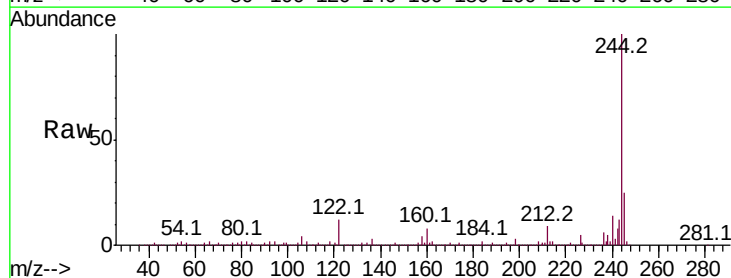
Instrument :
 BNA_F
 ClientSampleId :

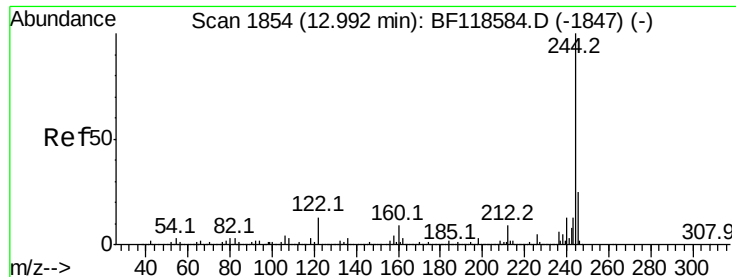
Tot Ion:240 Resp: 1169222
 Ion Ratio Lower Upper
 240 100
 120 11.0 8.9 13.3
 236 26.6 21.5 32.3



#77
 Benzidine
 Concen: 2.222 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.26 min
 Lab File: BF118596.D
 Acq: 20 Jan 2020 17:36

Tgt Ion:184 Resp: 69423
 Ion Ratio Lower Upper
 184 100
 185 14.5 12.9 19.3
 183 7.7 9.6 14.4#





#79

Terphenyl-d14

Concen: 88.059 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118596.D

Acq: 20 Jan 2020 17:36

Instrument :

BNA_F

ClientSampled :

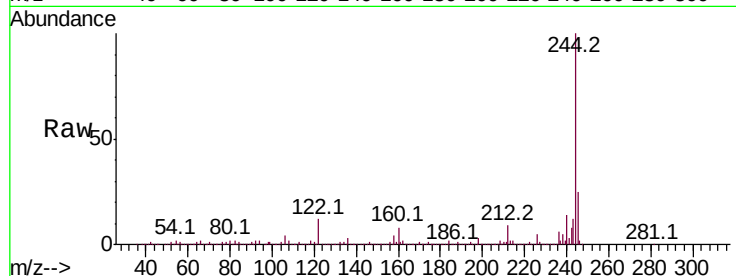
Tot Ion:244 Resp: 4720614

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

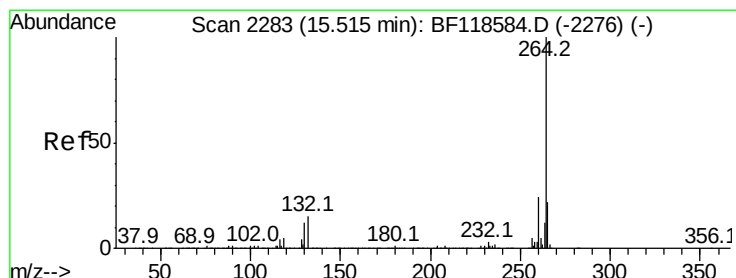
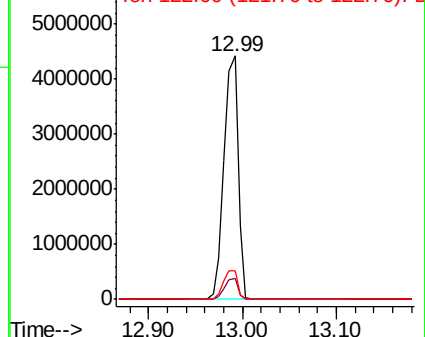
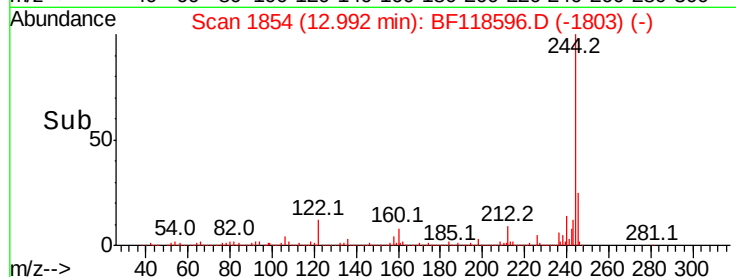
122 11.6 10.7 16.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118596.D

Acq: 20 Jan 2020 17:36

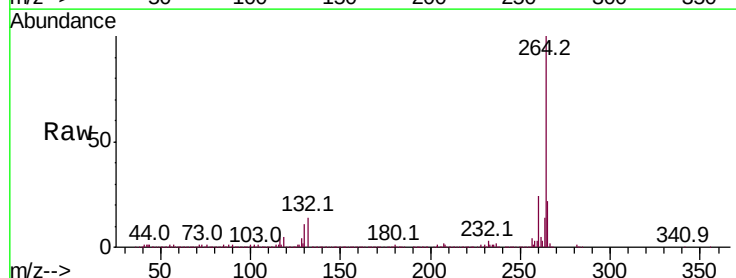
Tgt Ion:264 Resp: 1069947

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 22.0 17.7 26.5



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

