

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
 Data File : BF119258.D
 Acq On : 6 Mar 2020 19:13
 Operator : CG/JU
 Sample : L1783-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 23:49:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

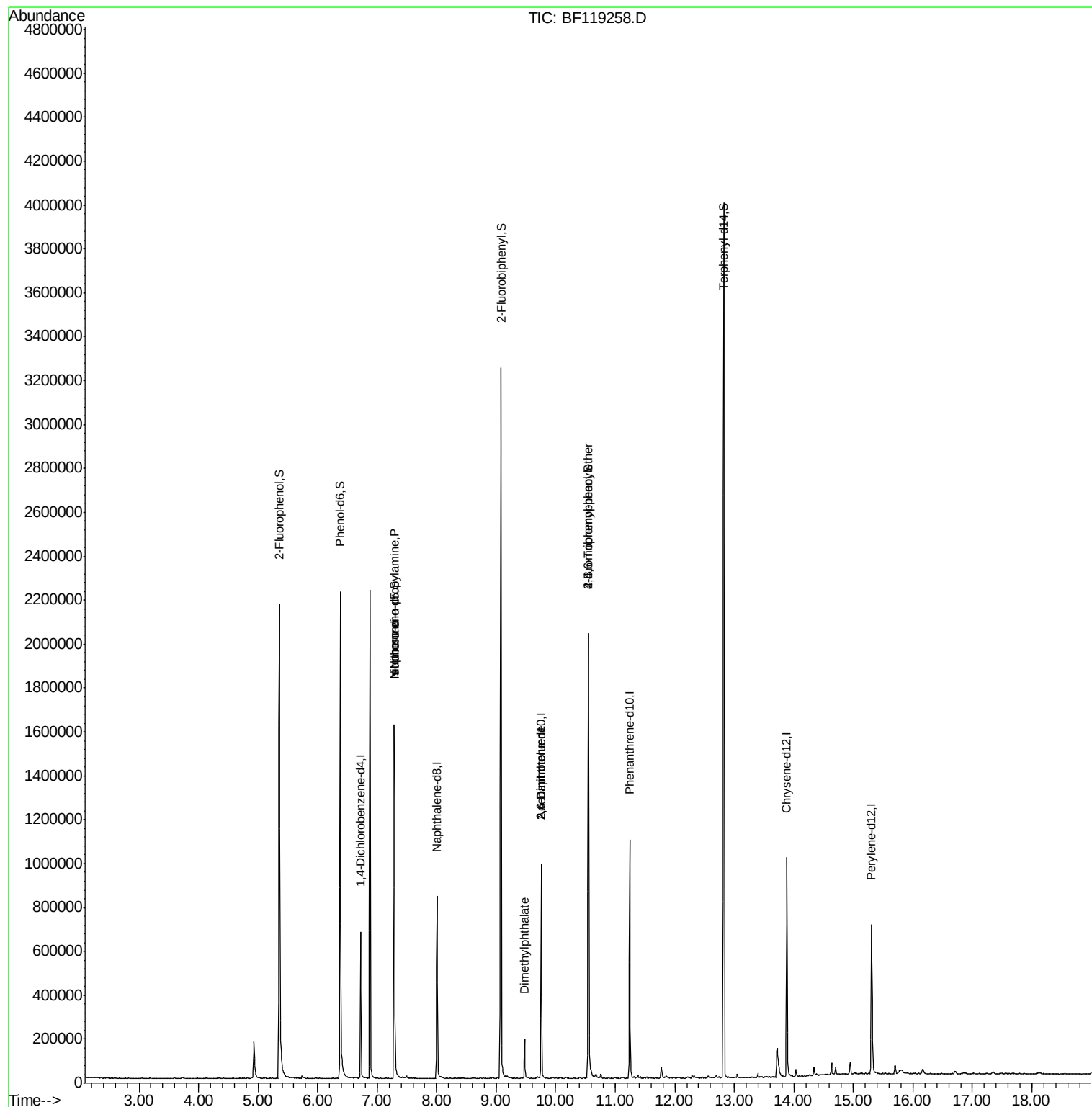
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103627	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	393110	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	216635	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	413773	20.00	ng	0.00
76) Chrysene-d12	13.88	240	347926	20.00	ng	0.00
87) Perylene-d12	15.30	264	334120	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	724530	116.84	ng	0.00
7) Phenol-d6	6.38	99	890935	118.14	ng	0.00
23) Nitrobenzene-d5	7.29	82	590986	79.38	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	304360	107.40	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1114239	75.77	ng	0.00
79) Terphenyl-d14	12.82	244	1425992	70.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	81662	18.583	ng	# 76
25) Isophorone	7.29	82	591046	45.710	ng	# 63
50) Dimethylphthalate	9.47	163	79388	4.792	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	27721	7.532	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	27721	5.811	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	19276	3.564	ng	# 1

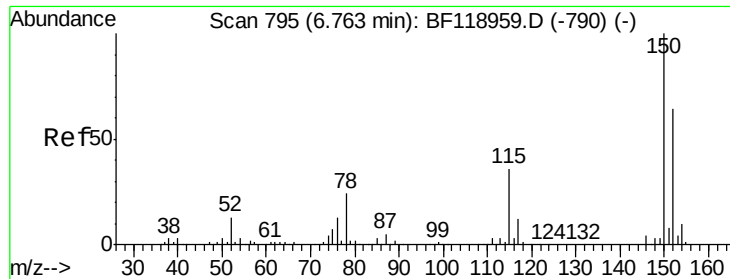
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030620\
Data File : BF119258.D
Acq On : 6 Mar 2020 19:13
Operator : CG/JU
Sample : L1783-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 06 23:49:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration



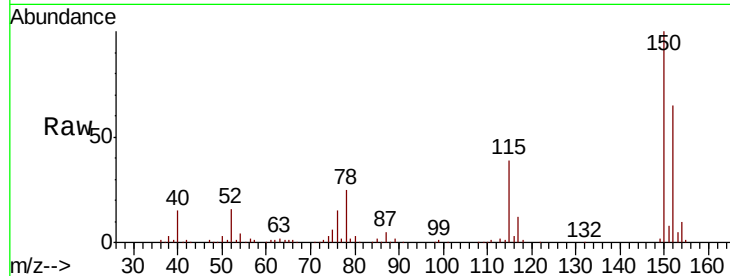


#1

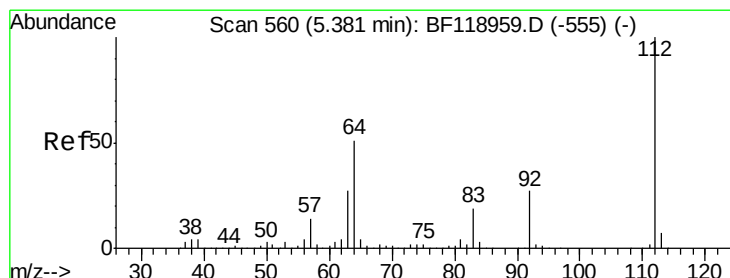
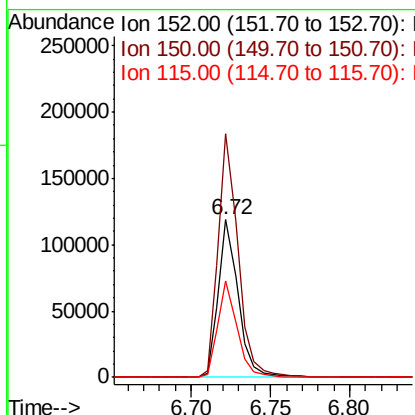
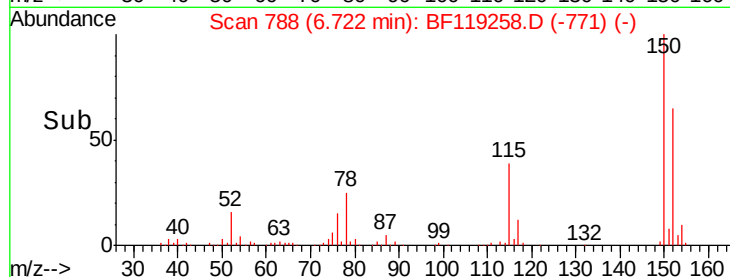
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 103627
Ion Ratio Lower Upper
152 100
150 154.5 123.0 184.6
115 60.9 49.5 74.3



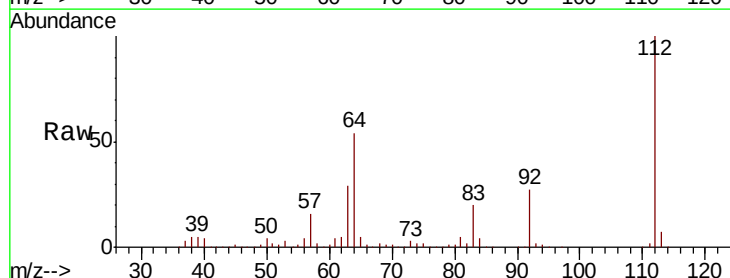
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



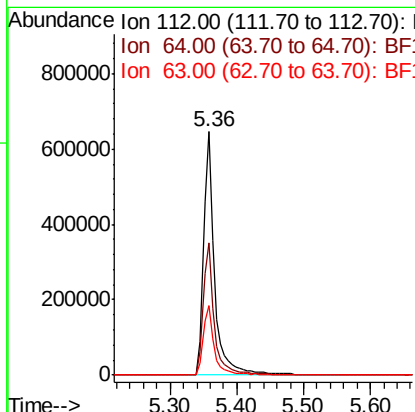
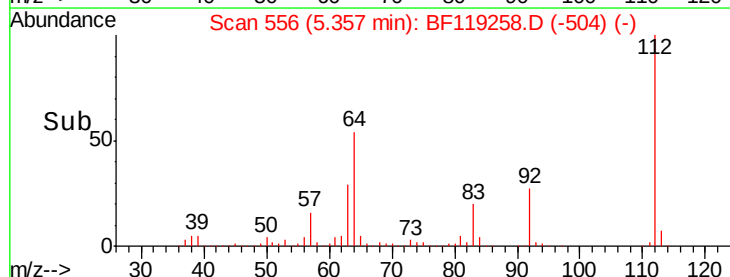
#5

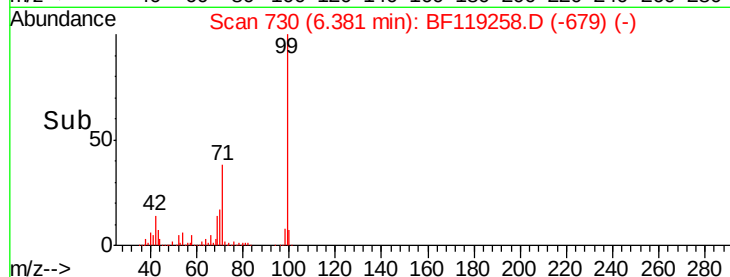
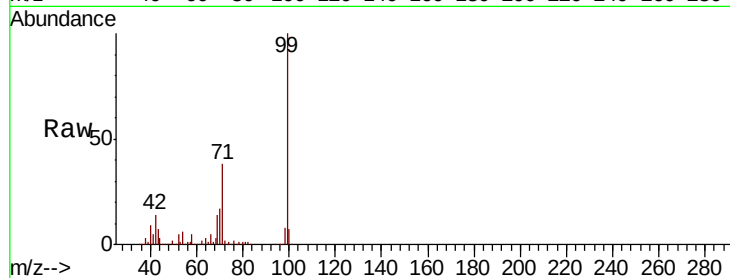
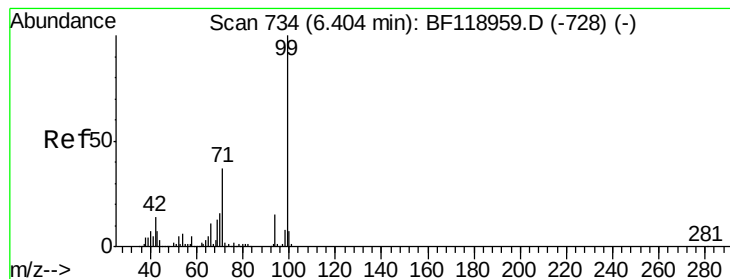
2-Fluorophenol
Concen: 116.844 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Tgt Ion:112 Resp: 724530
Ion Ratio Lower Upper
112 100
64 54.1 45.0 67.4
63 28.6 24.2 36.4



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: 118.140 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119258.D

Acq: 6 Mar 2020 19:13

Instrument :

BNA_F

ClientSampleId :

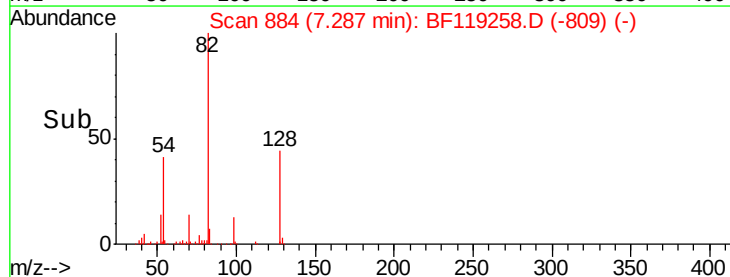
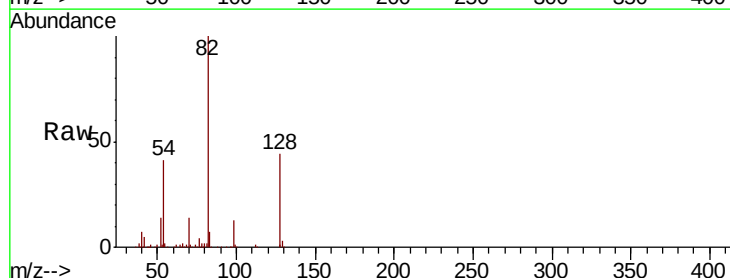
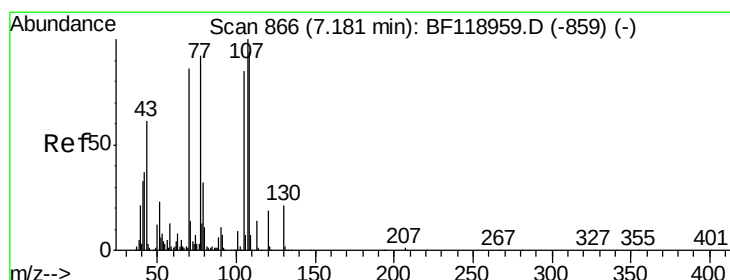
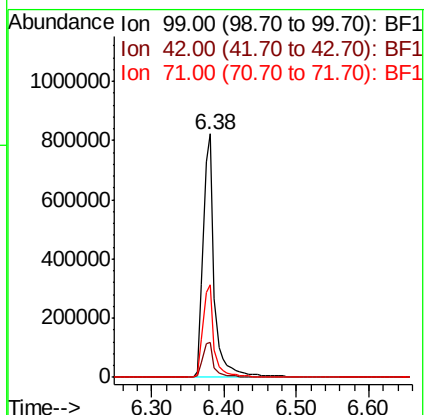
Tot Ion: 99 Resp: 890935

Ion Ratio Lower Upper

99 100

42 14.5 12.6 18.8

71 38.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.583 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119258.D

Acq: 6 Mar 2020 19:13

Tgt Ion: 70 Resp: 81662

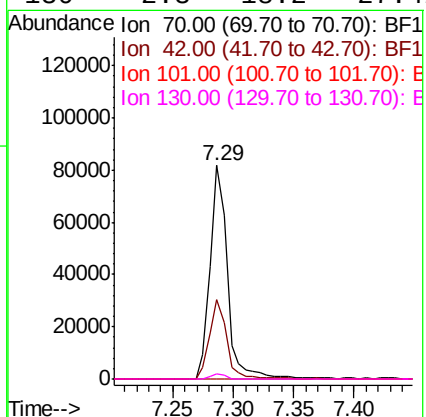
Ion Ratio Lower Upper

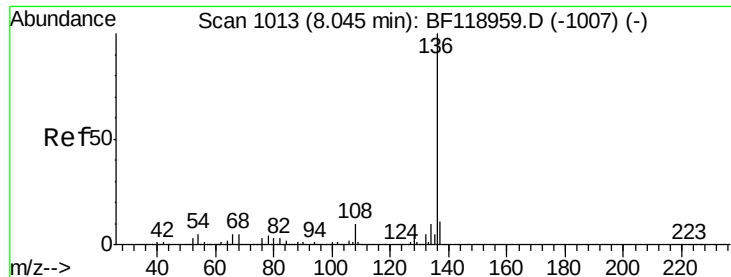
70 100

42 37.4 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#

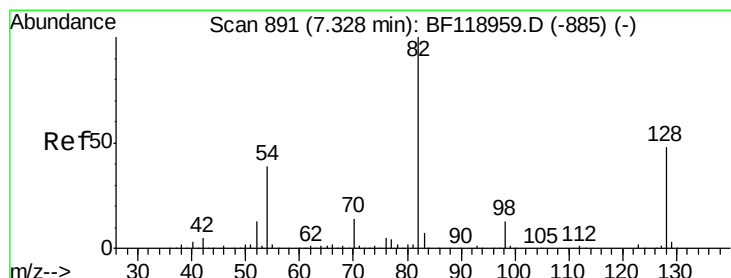
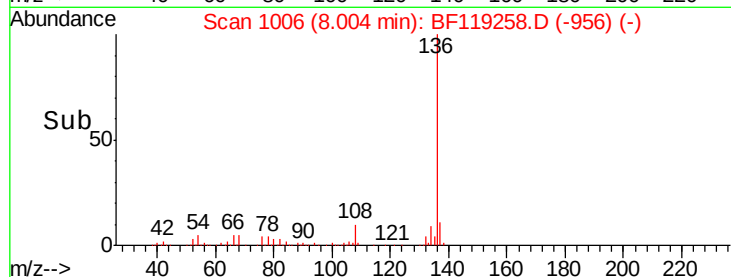
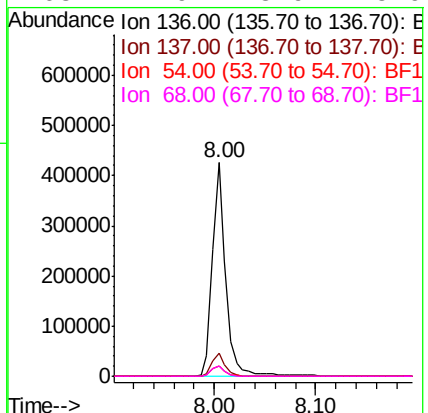
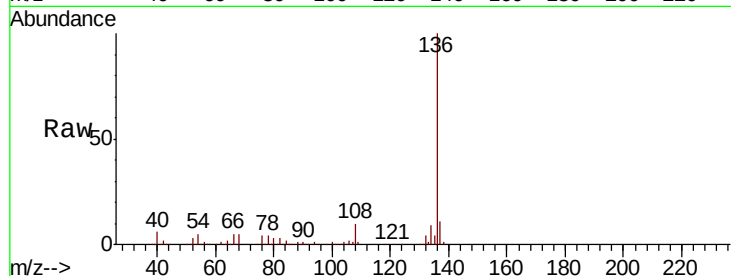




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

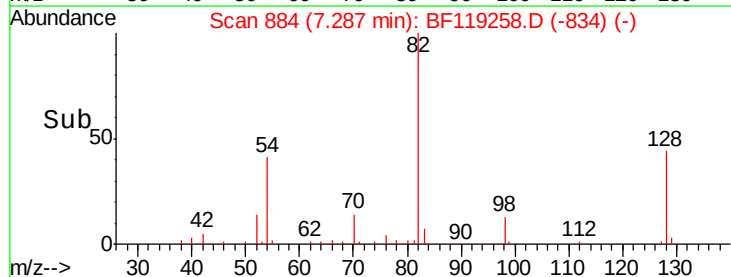
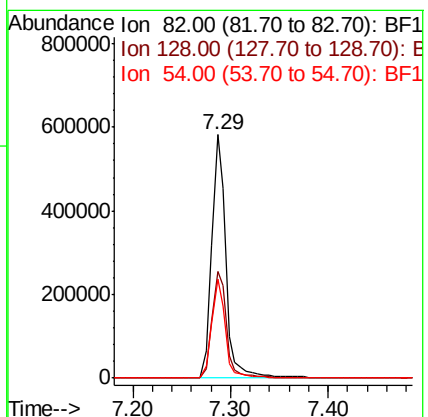
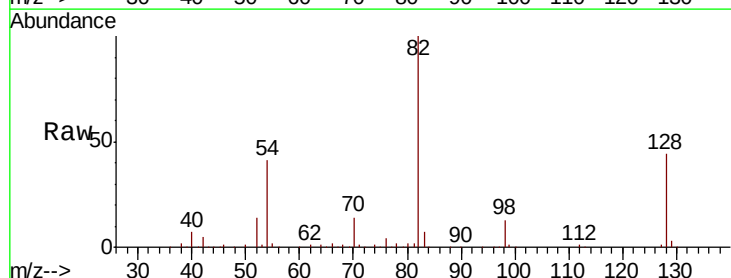
Instrument :
BNA_F
ClientSampleId :

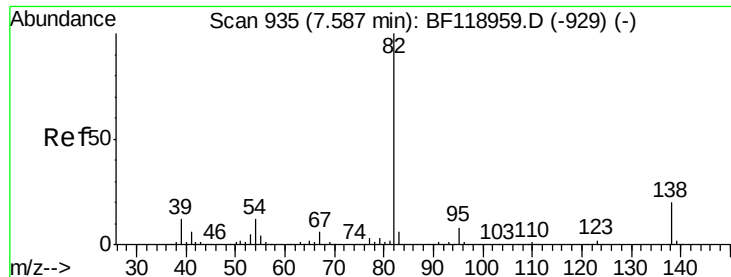
Tot Ion:136	Resp:	393110
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 4.7	3.8	5.6
68 4.9	3.9	5.9



#23
Nitrobenzene-d5
Concen: 79.377 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Tgt Ion: 82	Resp: 590986
Ion Ratio	Lower Upper
82 100	
128 44.0	37.9 56.9
54 40.9	33.4 50.2





#25

Isophorone

Concen: 45.710 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119258.D

Acq: 6 Mar 2020 19:13

Instrument :

BNA_F

ClientSampleId :

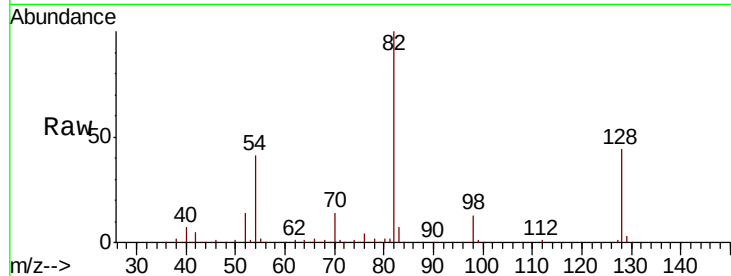
Tot Ion: 82 Resp: 591046

Ion Ratio Lower Upper

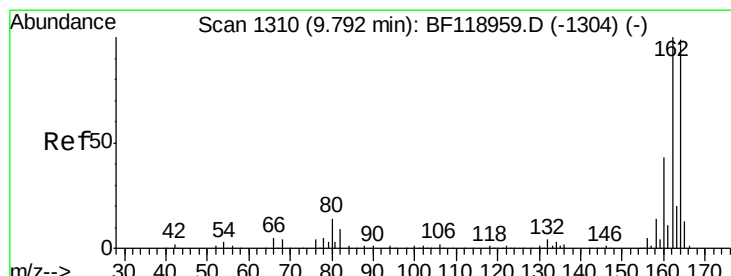
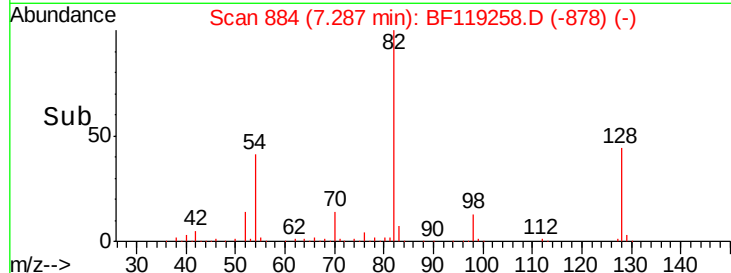
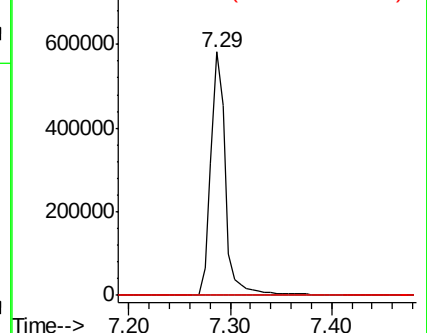
82 100

95 0.0 6.4 9.6#

138 0.0 15.7 23.5#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119258.D

Acq: 6 Mar 2020 19:13

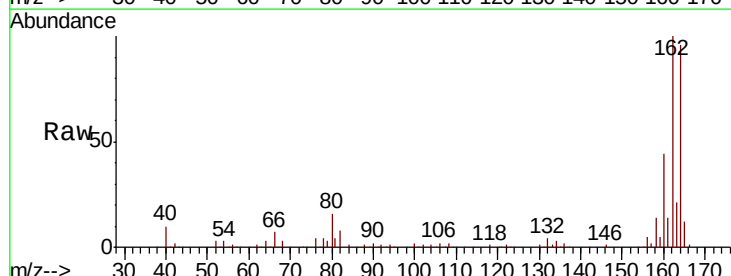
Tgt Ion:164 Resp: 216635

Ion Ratio Lower Upper

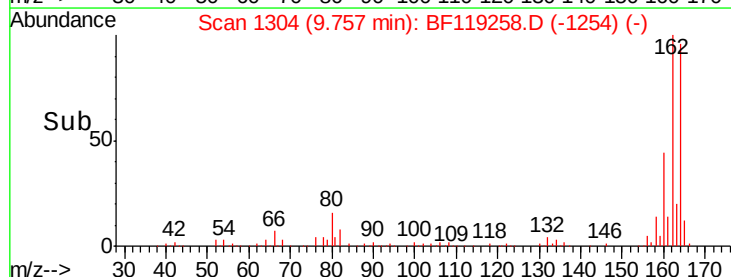
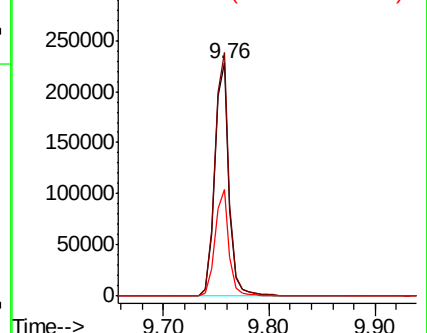
164 100

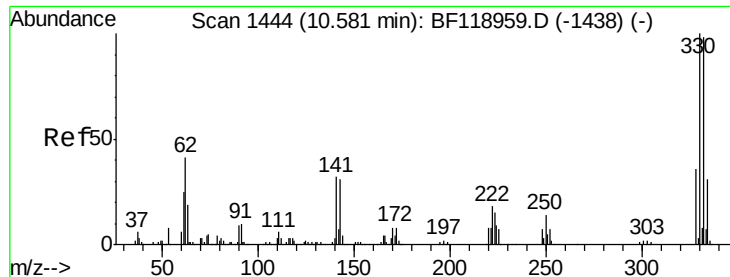
162 104.5 81.8 122.8

160 45.6 36.0 54.0



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

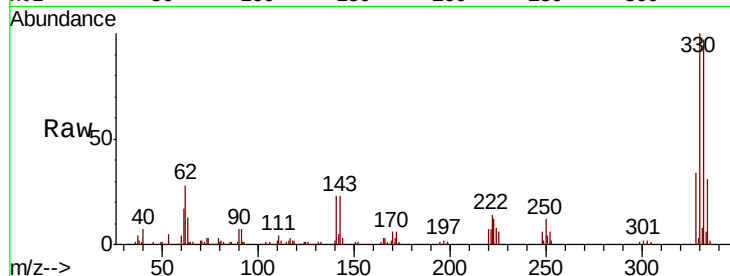




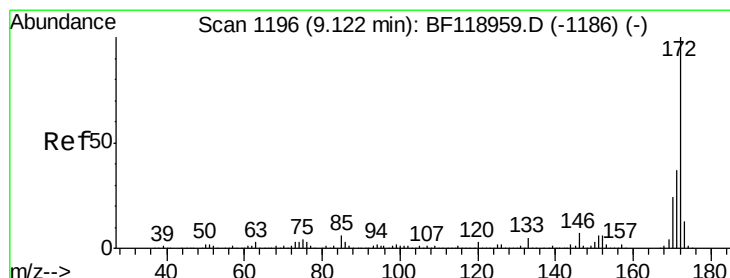
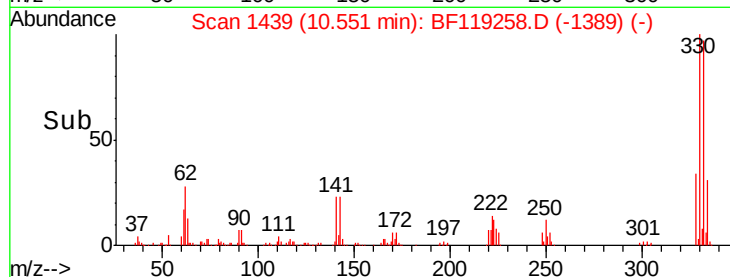
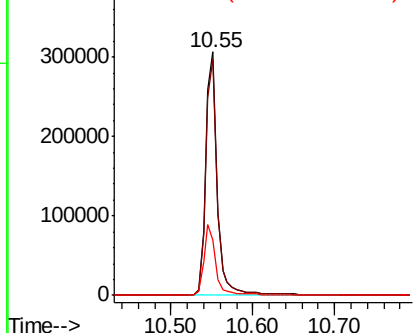
#42
 2,4,6-Tribromophenol
 Concen: 107.398 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119258.D
 Acq: 6 Mar 2020 19:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 304360
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.0 114.0
 141 30.0 22.9 34.3

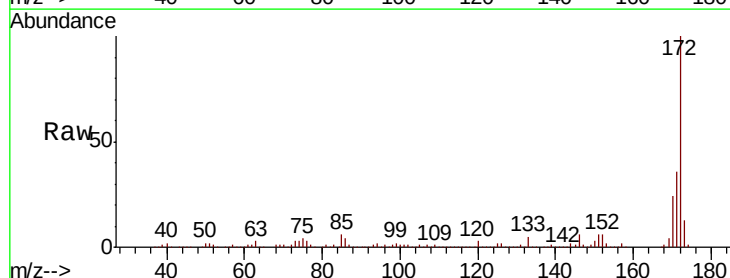


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

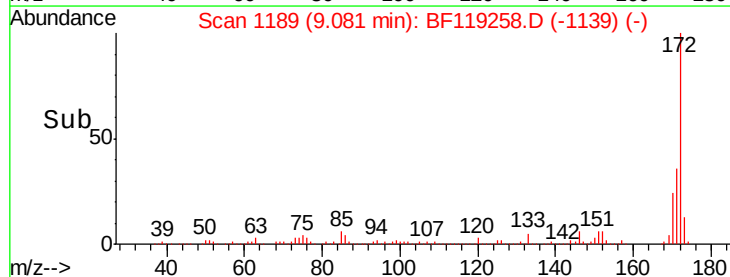
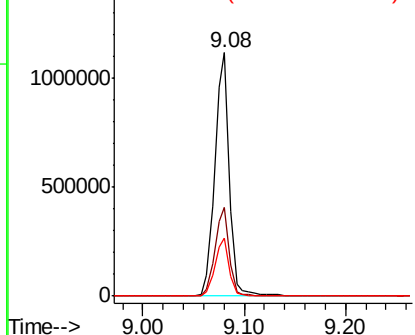


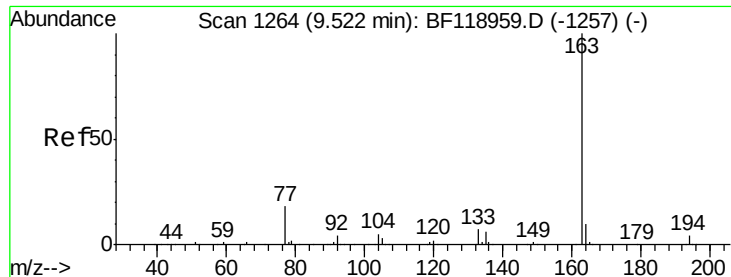
#45
 2-Fluorobiphenyl
 Concen: 75.771 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119258.D
 Acq: 6 Mar 2020 19:13

Tgt Ion:172 Resp: 1114239
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.6 45.8
 170 24.0 20.2 30.2



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

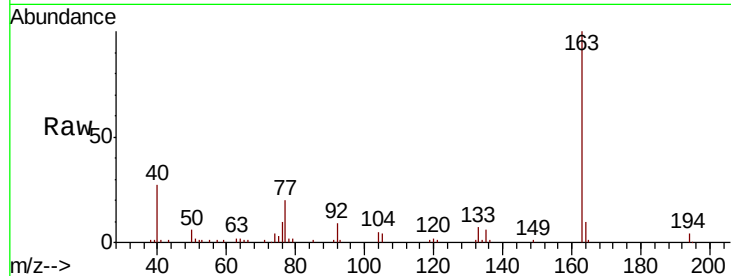




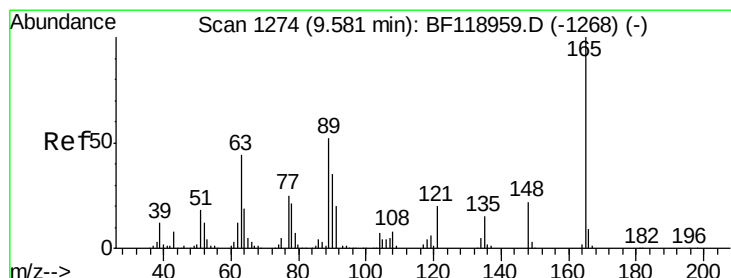
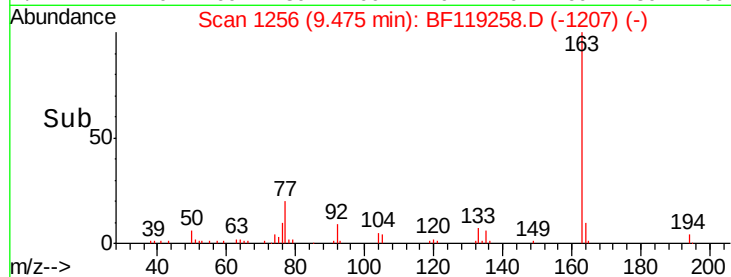
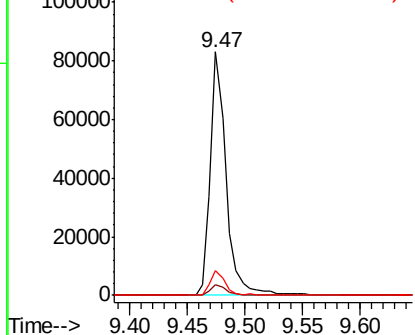
#50
Dimethylphthalate
Concen: 4.792 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 79388
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.2 8.4 12.6

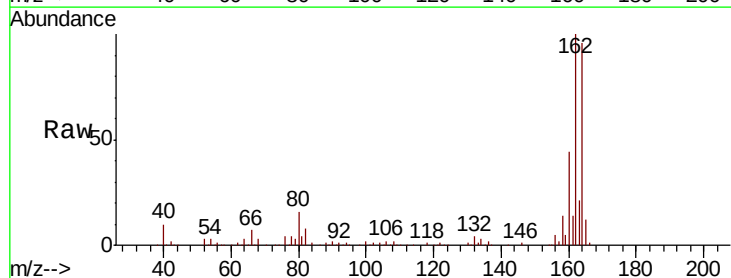


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

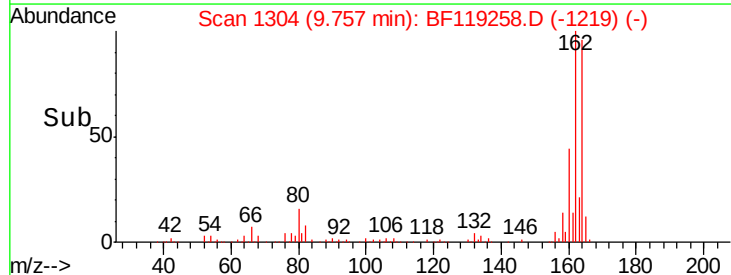
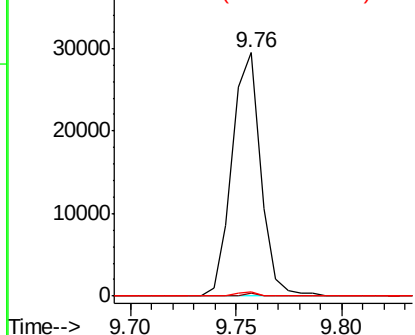


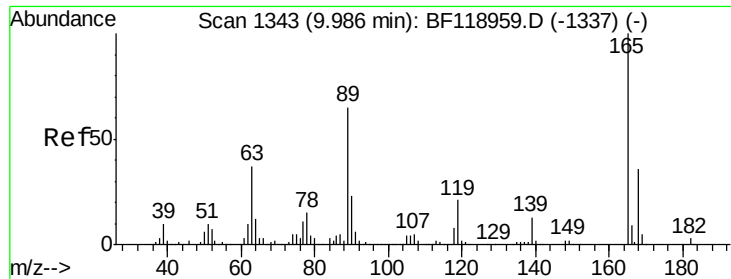
#51
2,6-Dinitrotoluene
Concen: 7.532 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Tgt Ion:165 Resp: 27721
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.6 38.3 57.5#



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

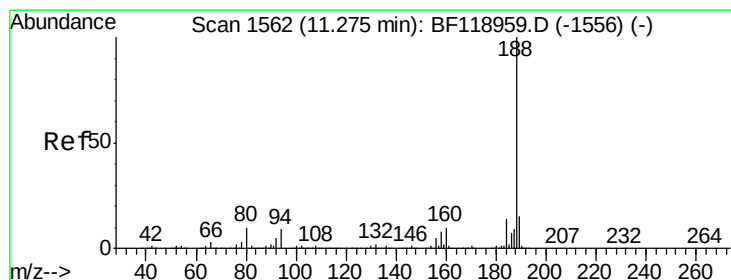
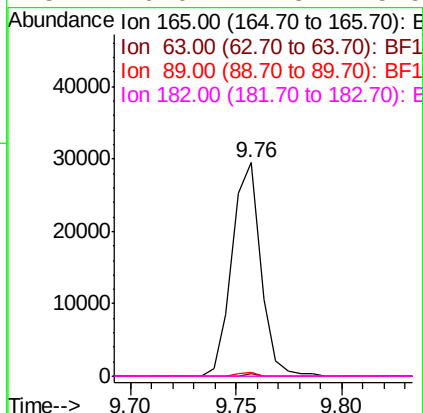
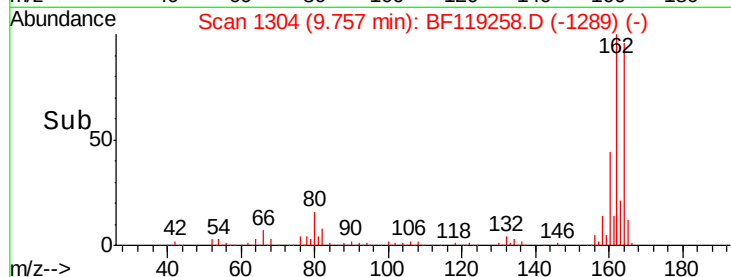
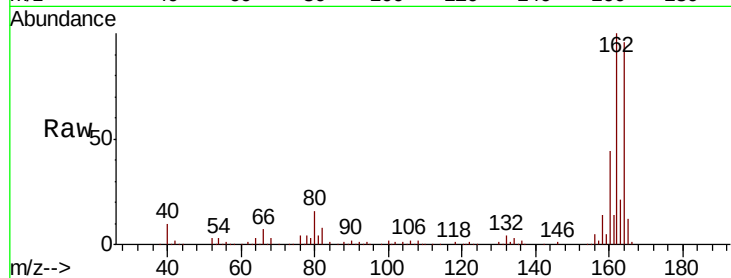




#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.21 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

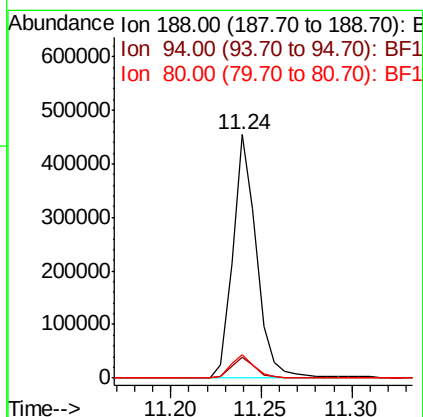
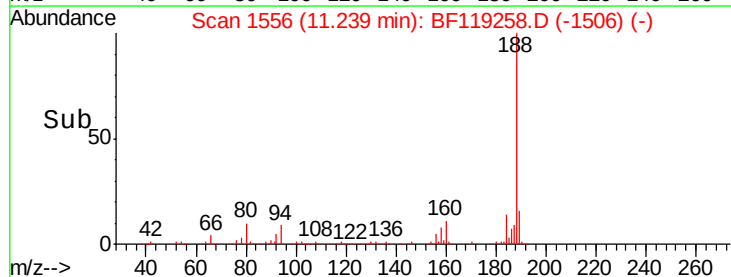
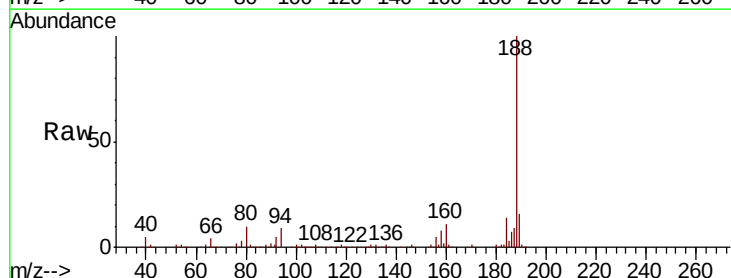
Instrument :
BNA_F
ClientSampleId :

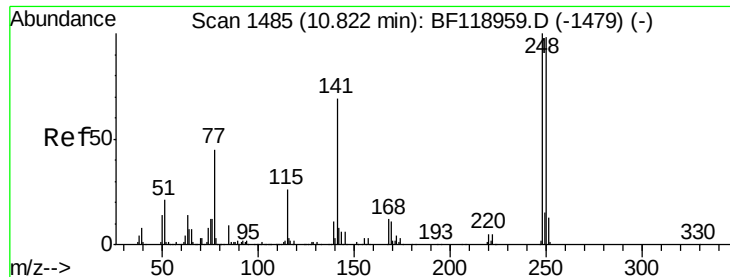
Tot Ion:165 Resp: 27721
Ion Ratio Lower Upper
165 100
63 1.2 42.3 63.5#
89 1.6 60.2 90.4#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Tgt Ion:188 Resp: 413773
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.6 7.8 11.8

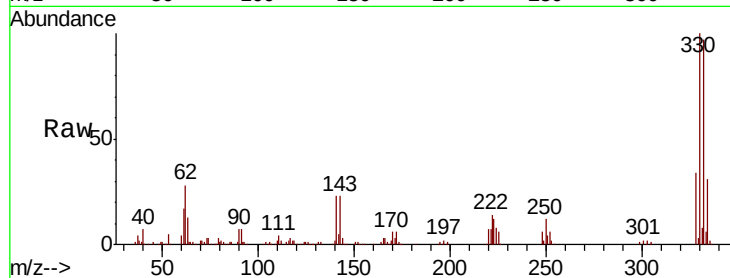




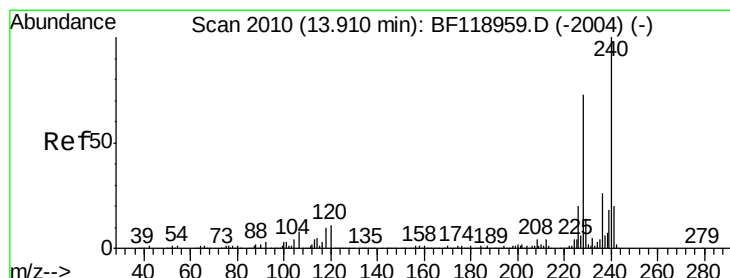
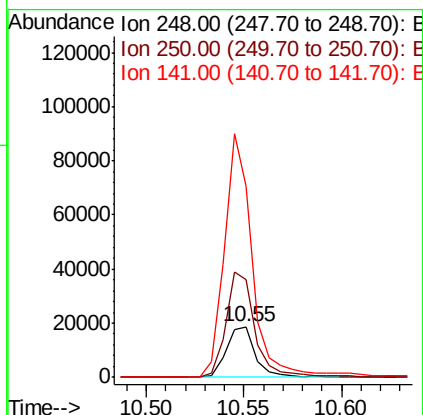
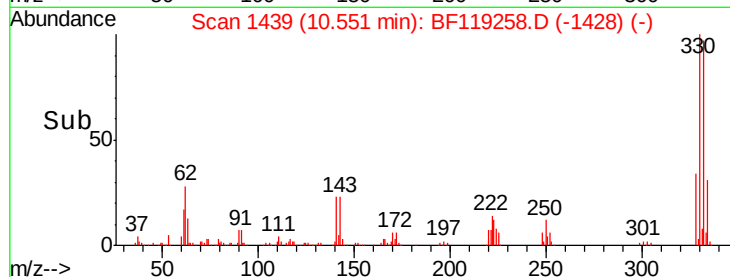
#67
4-Bromophenyl-phenylether
Concen: 3.564 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 19276
Ion Ratio Lower Upper
248 100
250 194.8 76.7 115.1#
141 378.2 60.7 91.1#

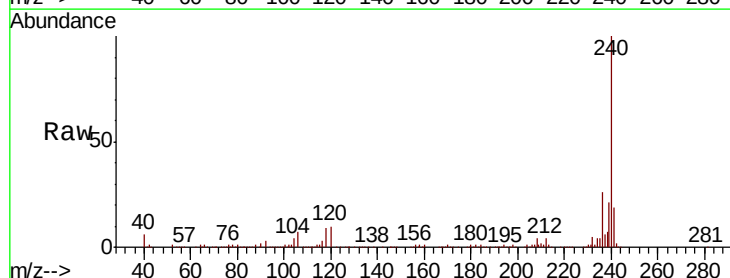


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

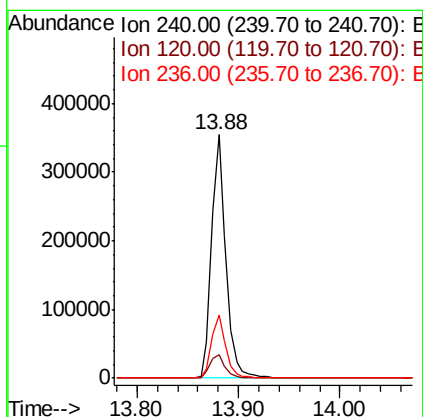
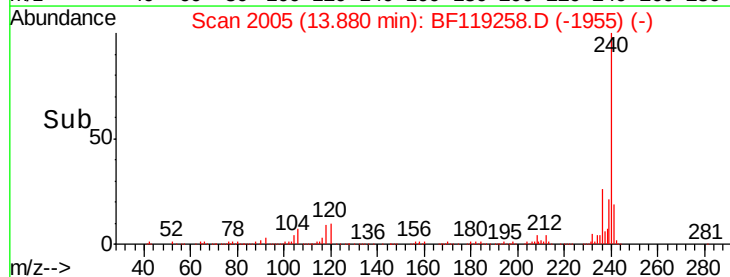


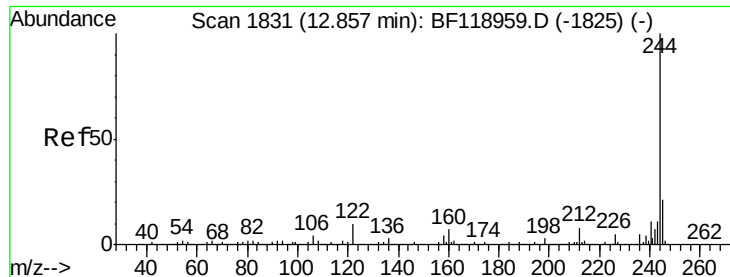
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119258.D
Acq: 6 Mar 2020 19:13

Tgt Ion:240 Resp: 347926
Ion Ratio Lower Upper
240 100
120 9.7 8.4 12.6
236 26.1 21.0 31.4



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





#79

Terphenyl-d14

Concen: 70.564 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119258.D

Acq: 6 Mar 2020 19:13

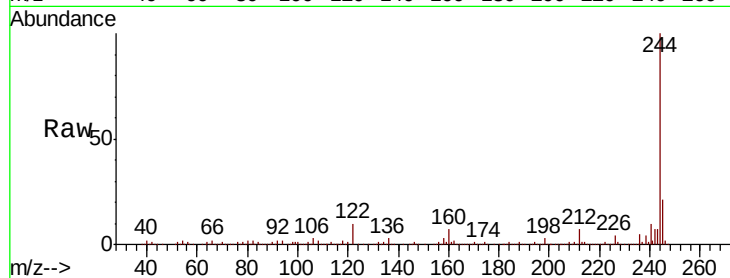
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1425992

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.3	8.2	12.2

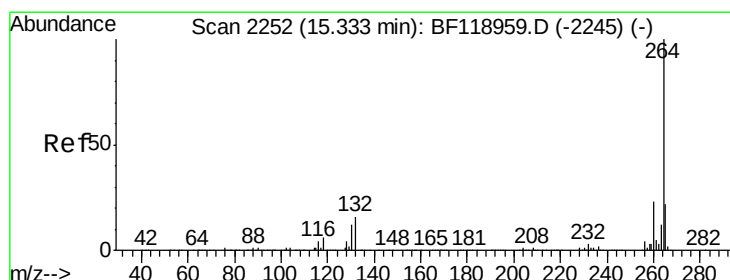
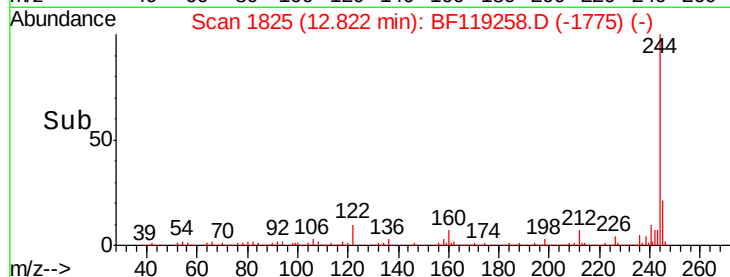
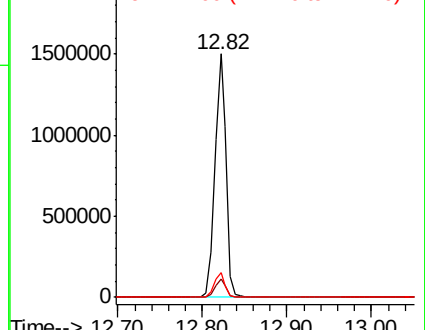


Abundance

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: 15.30 min Scan# 2247

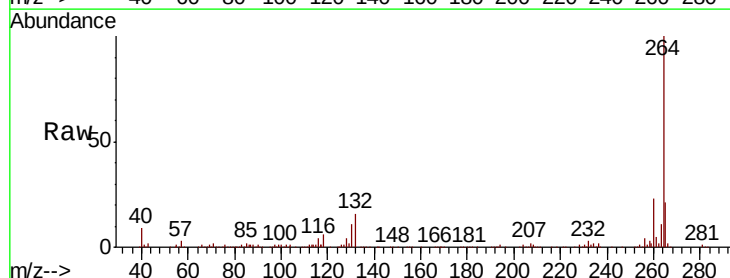
Delta R.T. -0.01 min

Lab File: BF119258.D

Acq: 6 Mar 2020 19:13

Tgt Ion:264 Resp: 334120

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	20.9	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

