

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119391.D
 Acq On : 12 Mar 2020 20:31
 Operator : CG/JU
 Sample : L1797-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 13 01:48:01 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

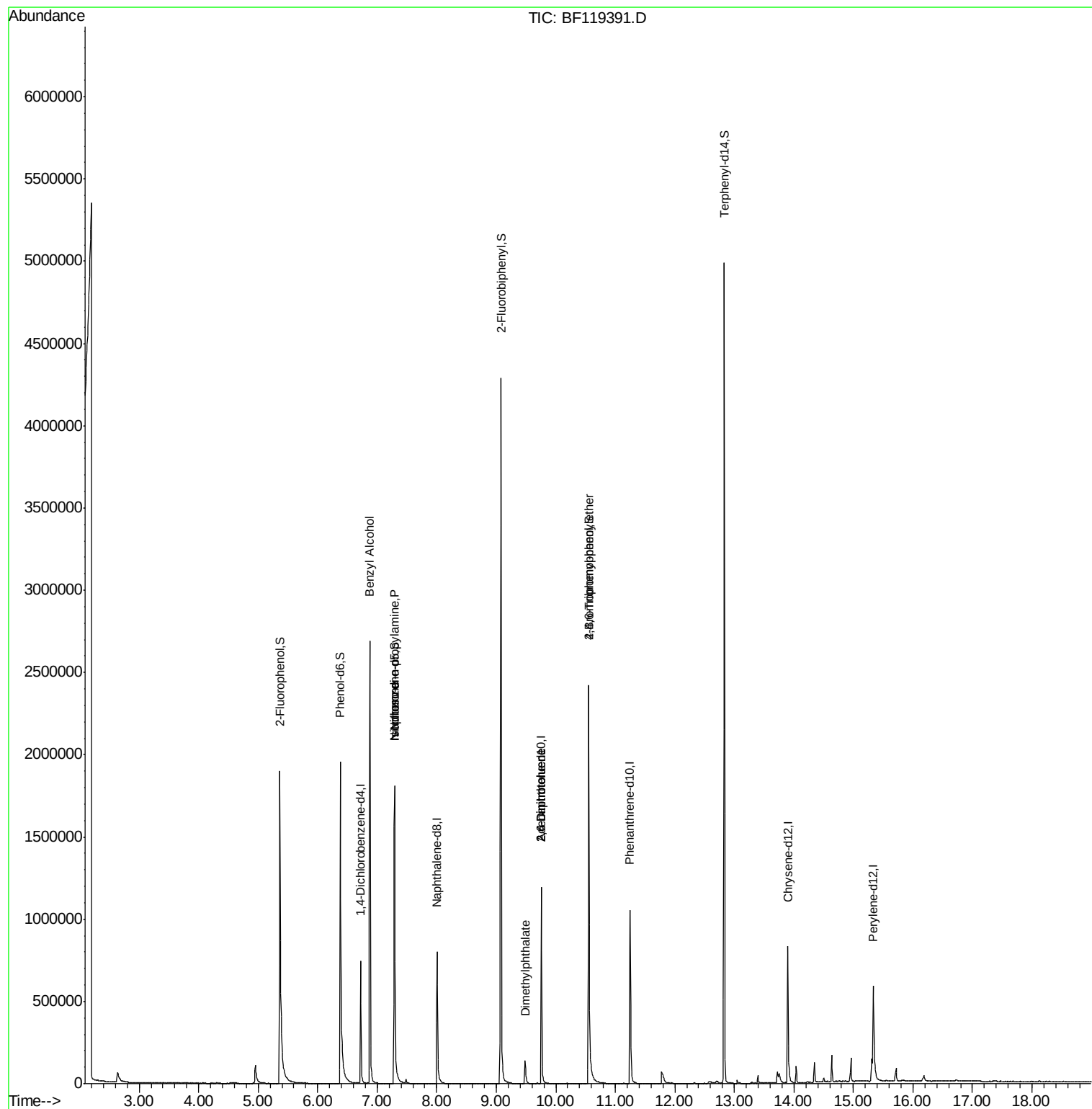
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	120661	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	469069	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	268399	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	521575	20.00	ng	0.00
76) Chrysene-d12	13.90	240	359855	20.00	ng	0.01
87) Perylene-d12	15.33	264	368898	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	842066	116.63	ng	0.01
7) Phenol-d6	6.38	99	966224	110.04	ng	0.00
23) Nitrobenzene-d5	7.29	82	755580	85.05	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	423334	120.57	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1500803	82.38	ng	0.00
79) Terphenyl-d14	12.83	244	1829142	87.51	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	12939	2.039	ng	# 57
19) n-Nitroso-di-n-propylamine	7.29	70	104436	20.411	ng	# 74
25) Isophorone	7.29	82	755580	48.972	ng	# 63
50) Dimethylphthalate	9.49	163	89812	4.376	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	33369	7.318	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	33369	5.646	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	27975	4.103	ng	# 1

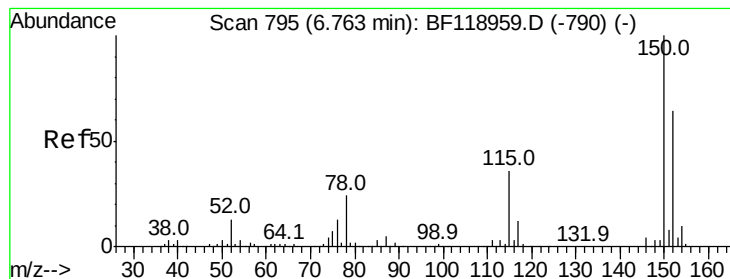
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119391.D
Acq On : 12 Mar 2020 20:31
Operator : CG/JU
Sample : L1797-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 13 01:48:01 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



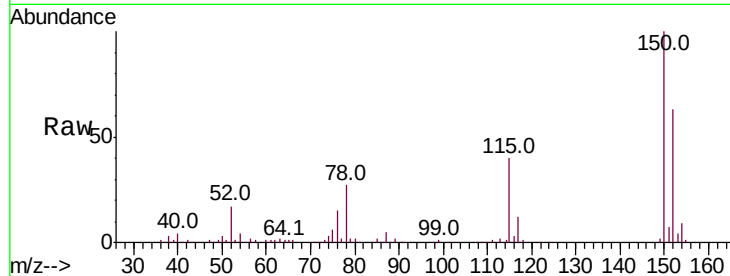


#1

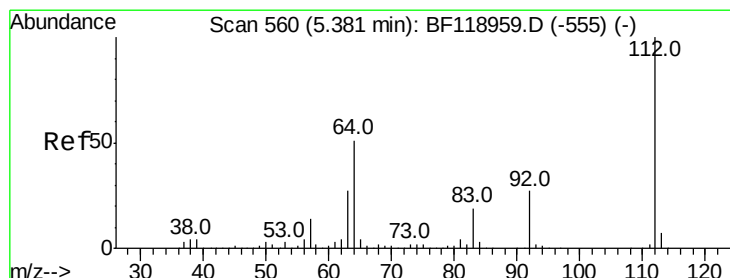
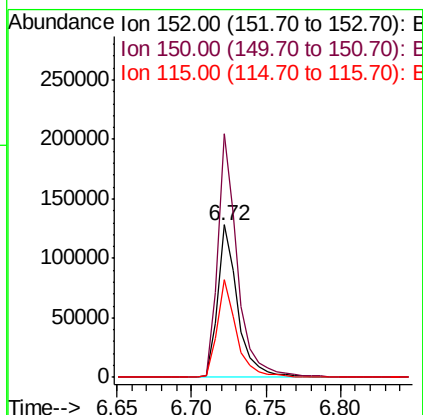
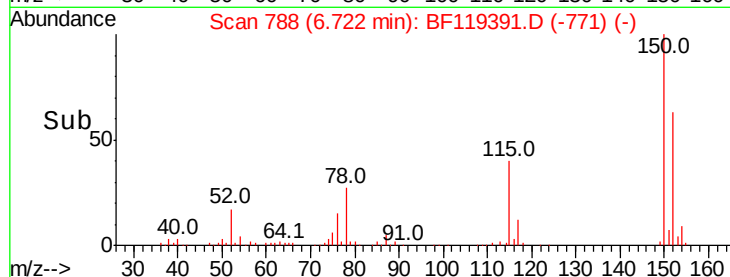
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120661
Ion Ratio Lower Upper
152 100
150 159.5 123.0 184.6
115 63.7 49.5 74.3



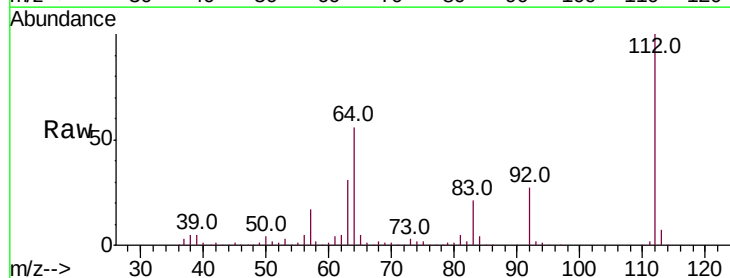
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



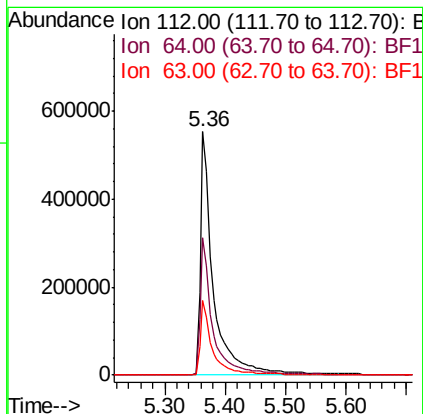
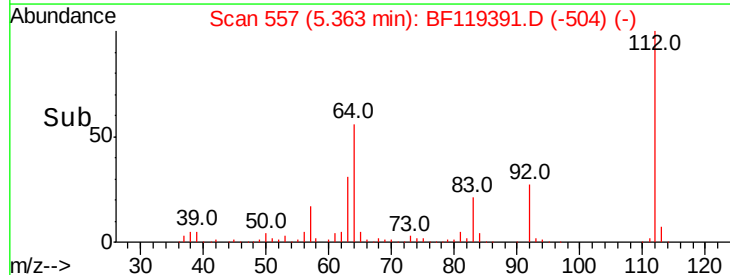
#5

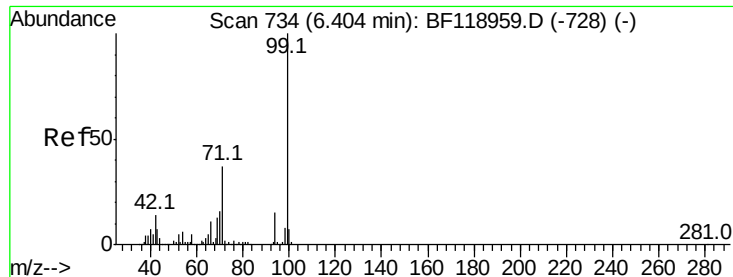
2-Fluorophenol
Concen: 116.628 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Tgt Ion:112 Resp: 842066
Ion Ratio Lower Upper
112 100
64 56.3 45.0 67.4
63 30.5 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: 110.036 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Instrument :

BNA_F

ClientSampled :

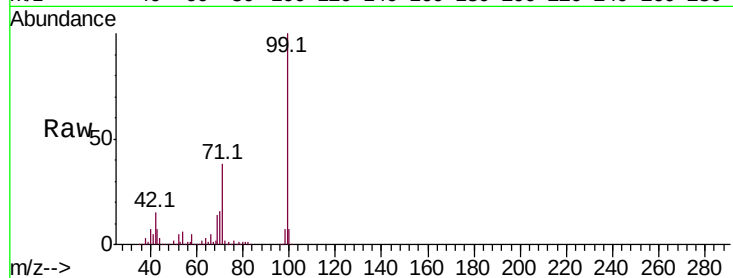
Tot Ion: 99 Resp: 966224

Ion Ratio Lower Upper

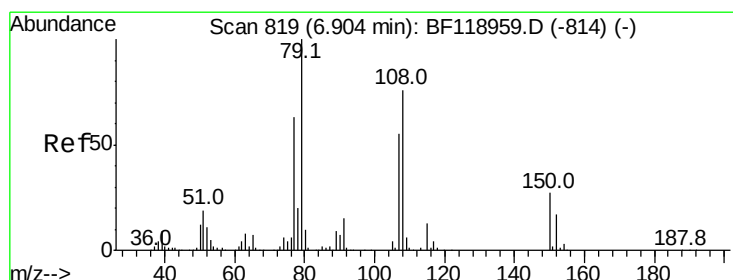
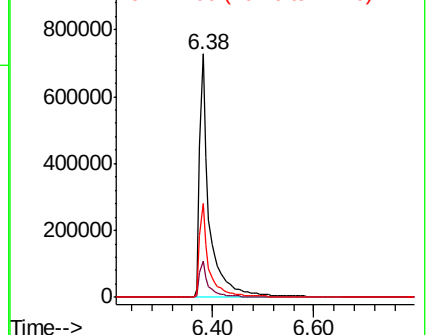
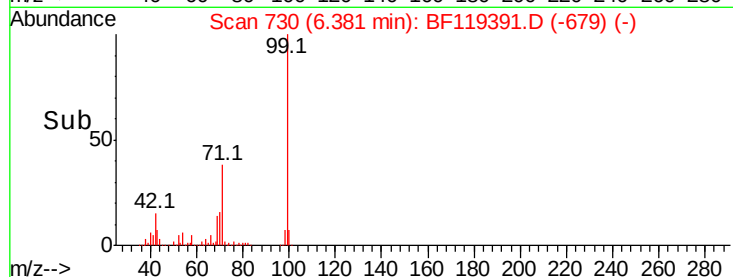
99 100

42 14.7 12.6 18.8

71 38.4 31.0 46.4



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



#15

Benzyl Alcohol

Concen: 2.039 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

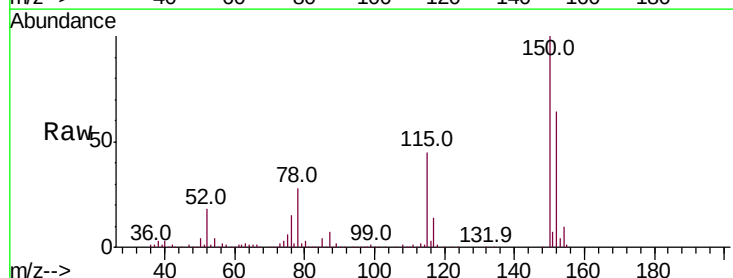
Tgt Ion: 79 Resp: 12939

Ion Ratio Lower Upper

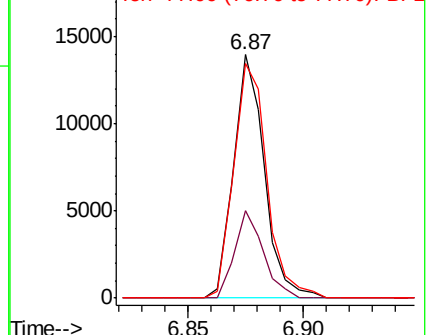
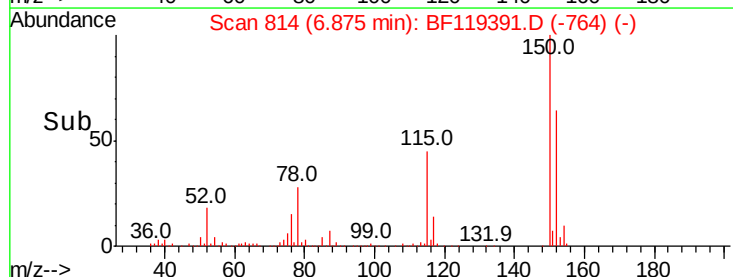
79 100

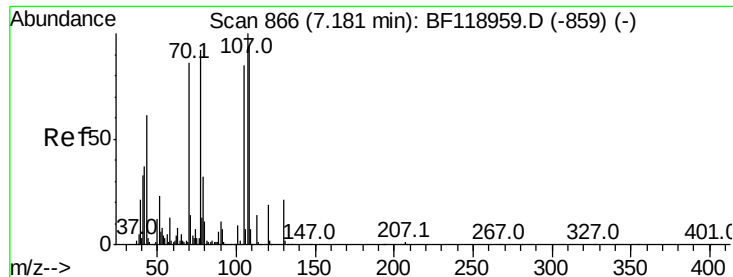
108 35.8 58.2 87.2#

77 96.2 51.2 76.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

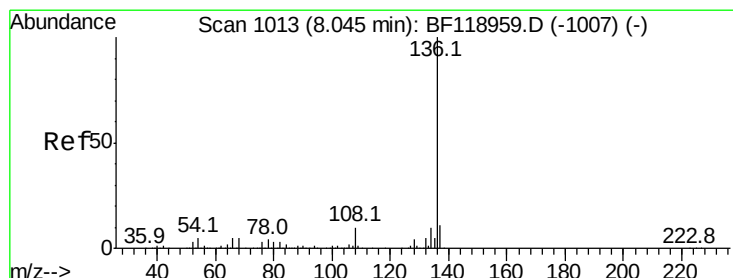
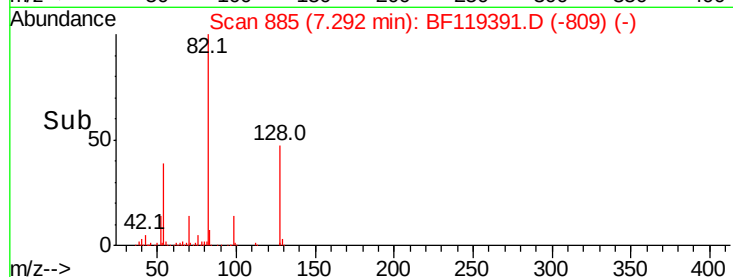
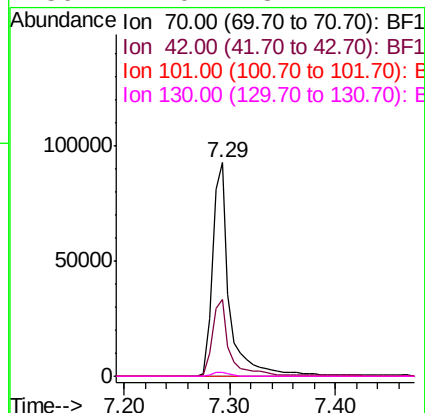
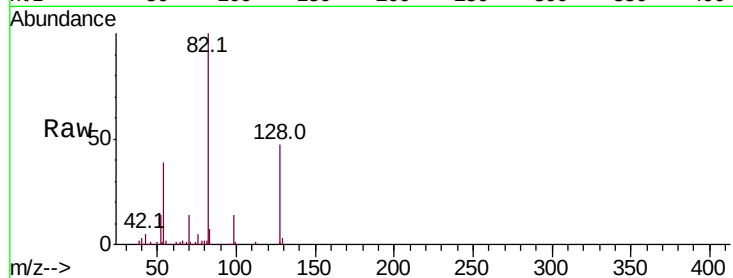




#19
n-Nitroso-di-n-propylamine
Concen: 20.411 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.15 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

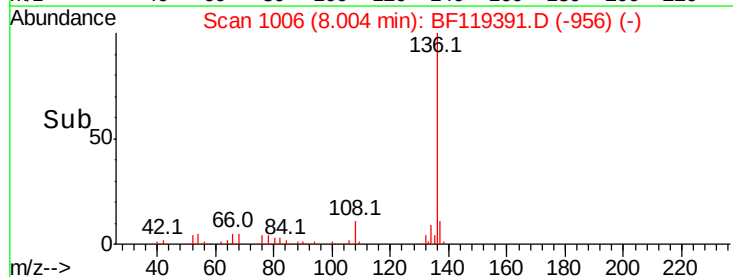
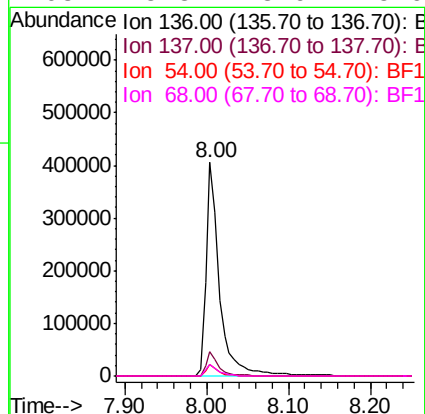
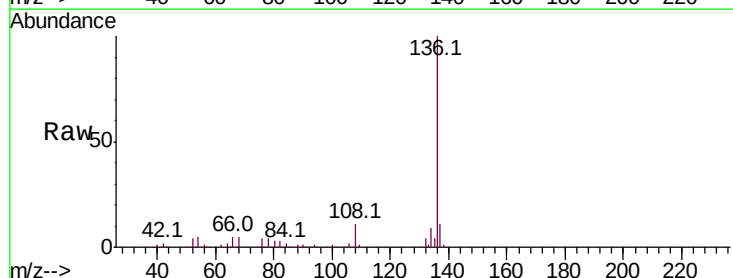
Instrument :
BNA_F
ClientSampleId :

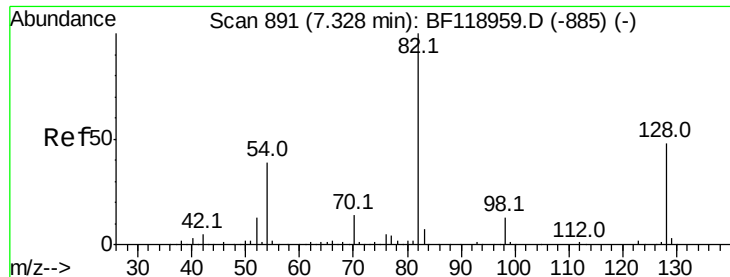
Tot Ion: 70 Resp: 104436
Ion Ratio Lower Upper
70 100
42 35.8 38.0 57.0#
101 0.0 8.2 12.4#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Tgt Ion: 136 Resp: 469069
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 5.2 3.8 5.6
68 5.3 3.9 5.9





#23

Nitrobenzene-d5

Concen: 85.051 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

Instrument :

BNA_F

ClientSampled :

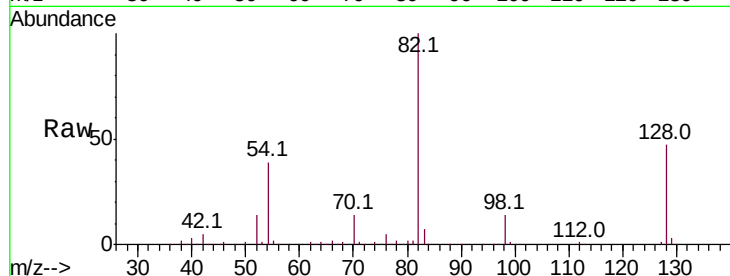
Tot Ion: 82 Resp: 755580

Ion Ratio Lower Upper

82 100

128 46.7 37.9 56.9

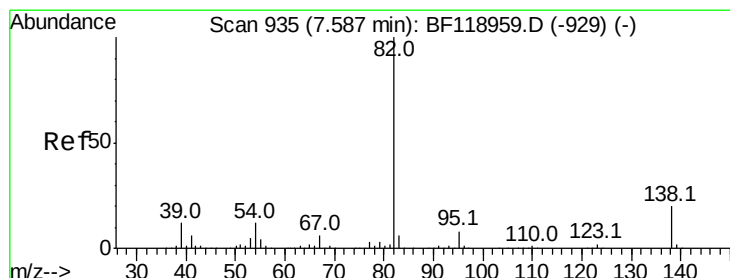
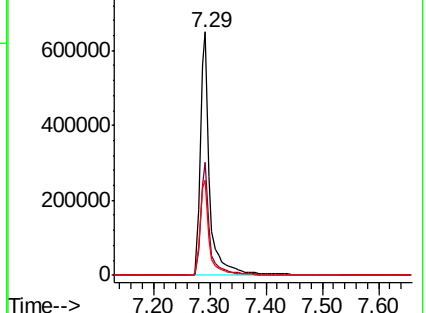
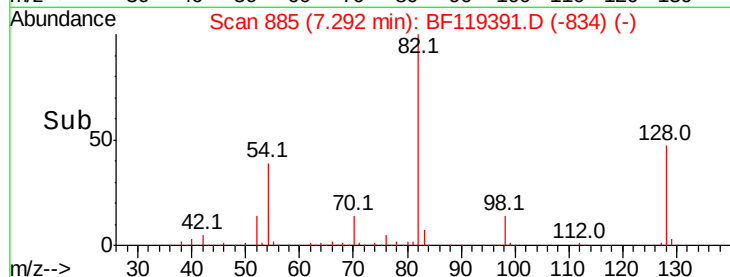
54 39.2 33.4 50.2



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: 48.972 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF119391.D

Acq: 12 Mar 2020 20:31

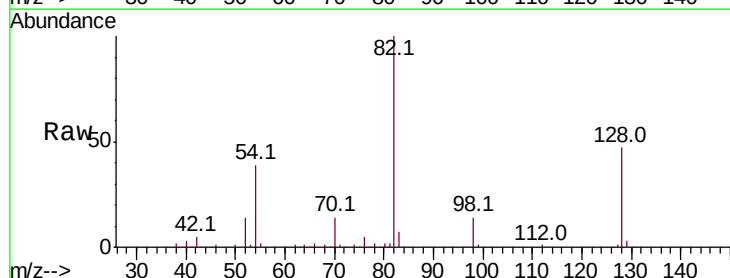
Tgt Ion: 82 Resp: 755580

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

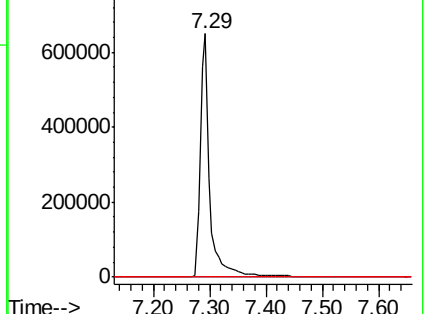
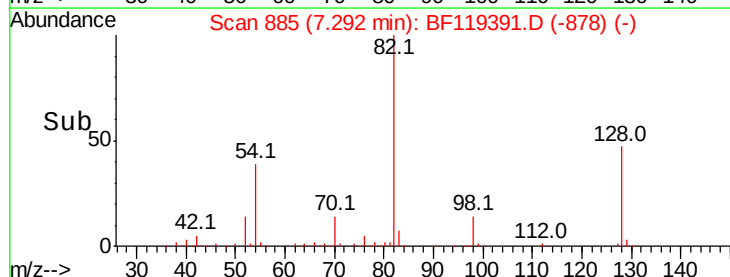
138 0.0 15.7 23.5#

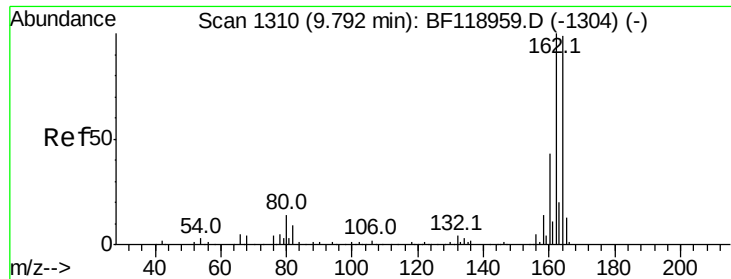


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

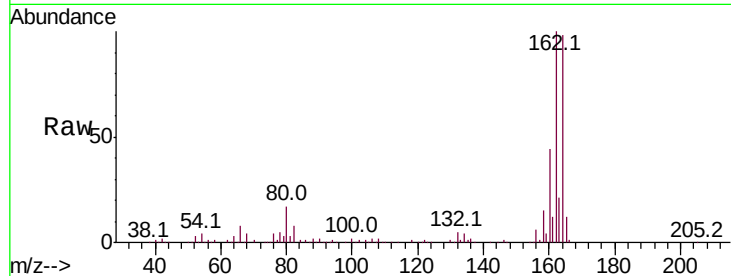




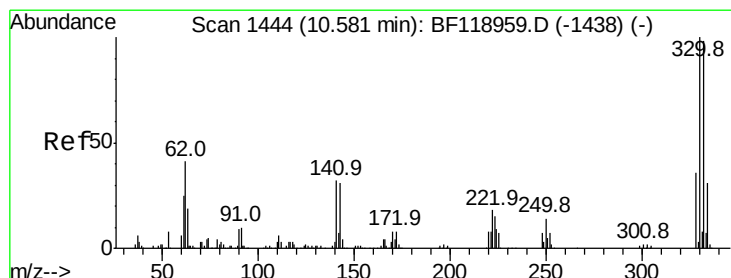
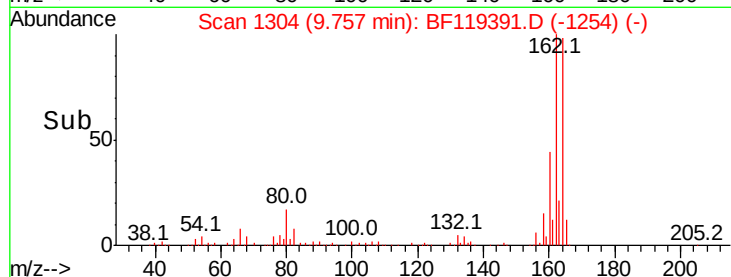
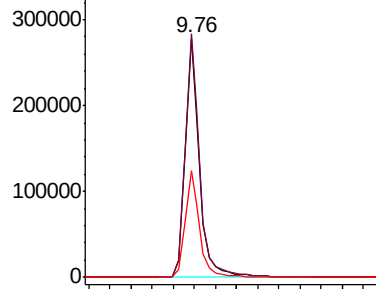
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 268399
Ion Ratio Lower Upper
164 100
162 101.8 81.8 122.8
160 44.8 36.0 54.0

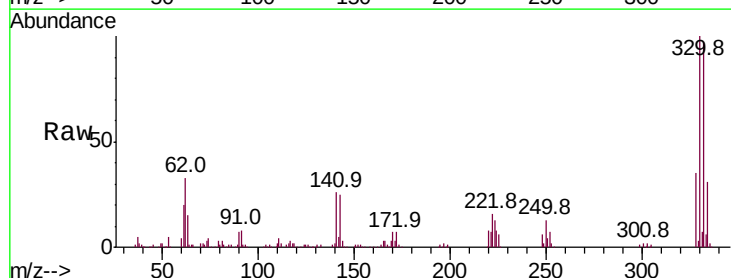


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

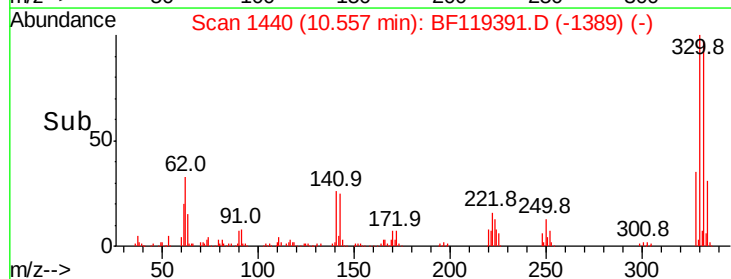
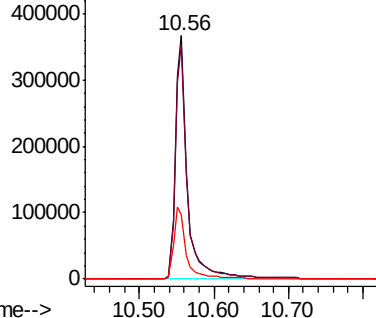


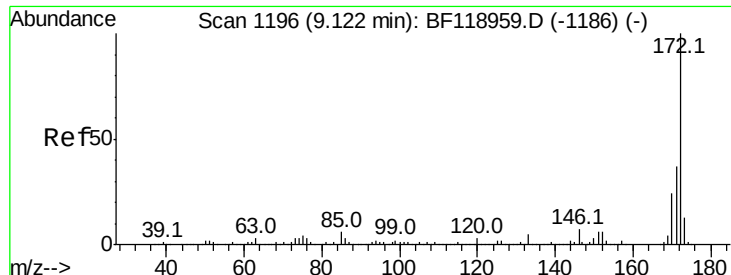
#42
2,4,6-Tribromophenol
Concen: 120.570 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Tgt Ion:330 Resp: 423334
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 30.8 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



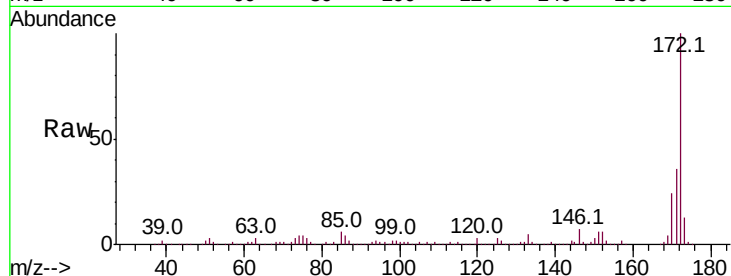


#45
 2-Fluorobiphenyl
 Concen: 82.375 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

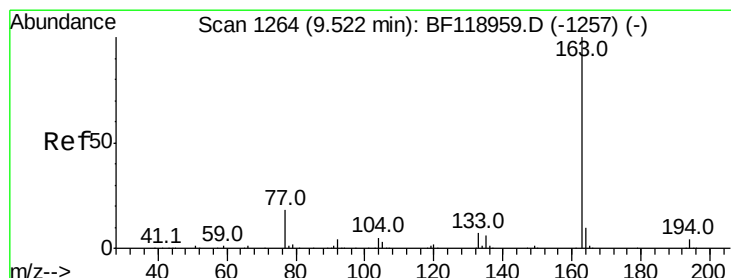
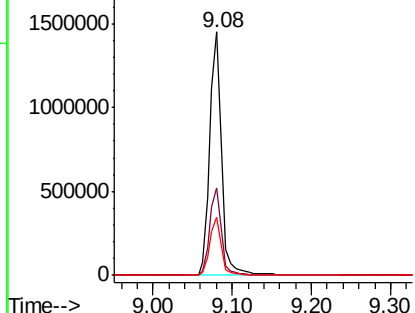
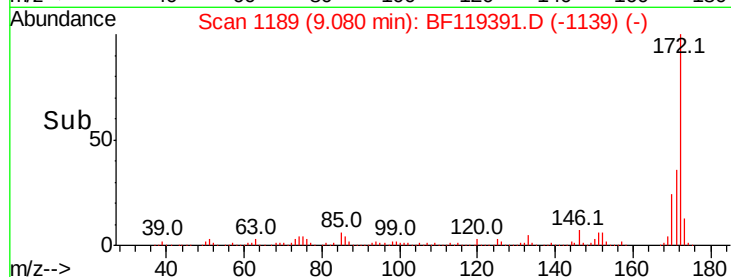
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1500803

Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.6	45.8
170	23.7	20.2	30.2



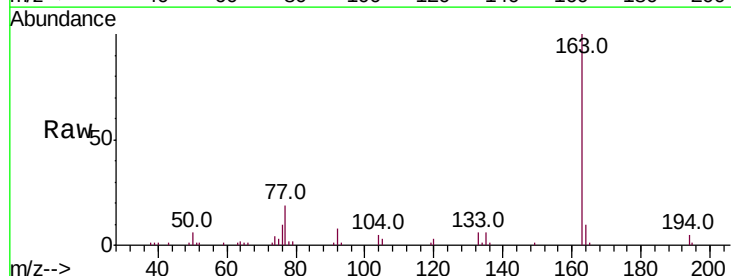
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



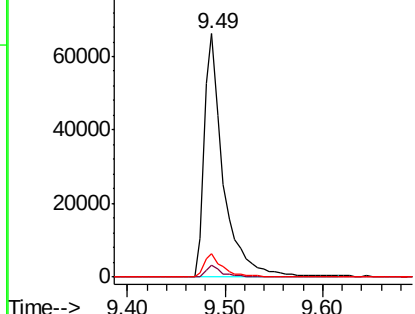
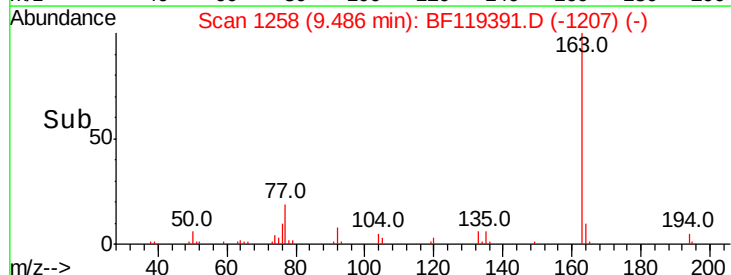
#50
 Dimethylphthalate
 Concen: 4.376 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

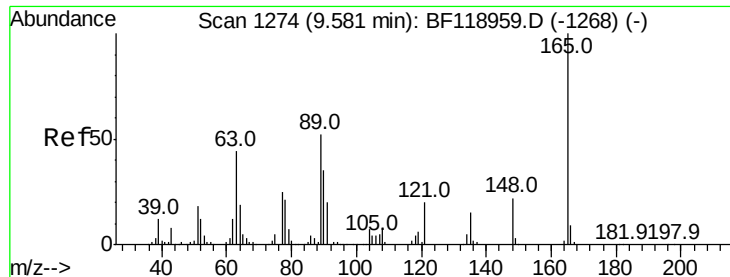
Tgt Ion:163 Resp: 89812

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.8	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

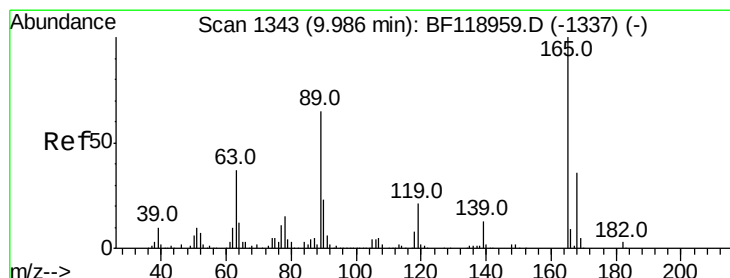
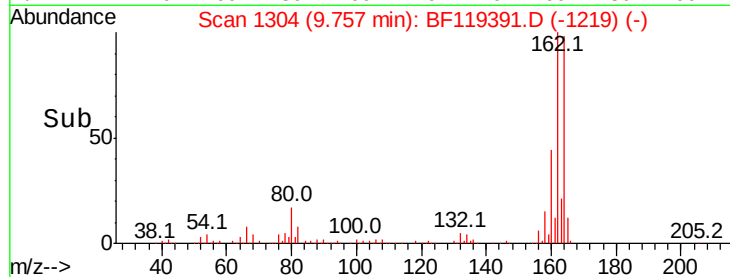
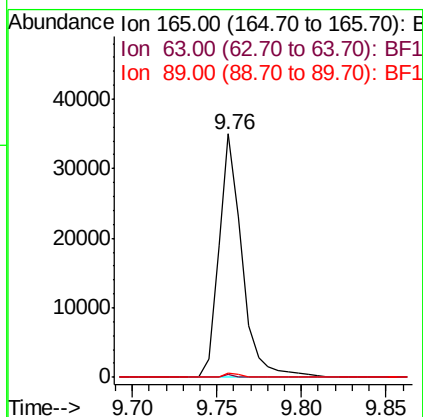
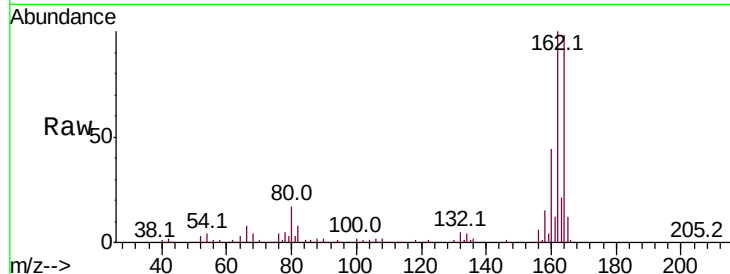




#51
 2,6-Dinitrotoluene
 Concen: 7.318 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.20 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

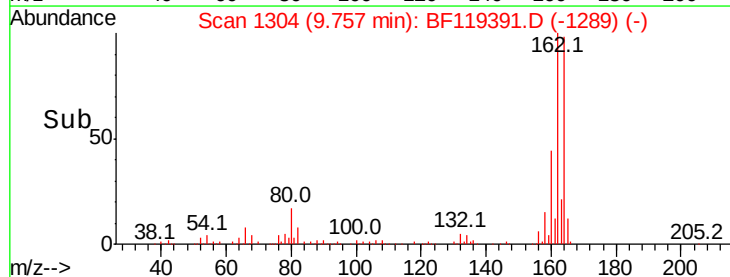
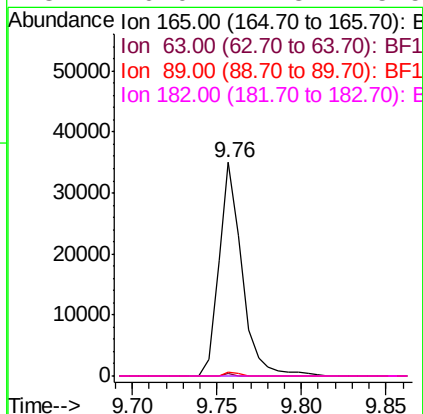
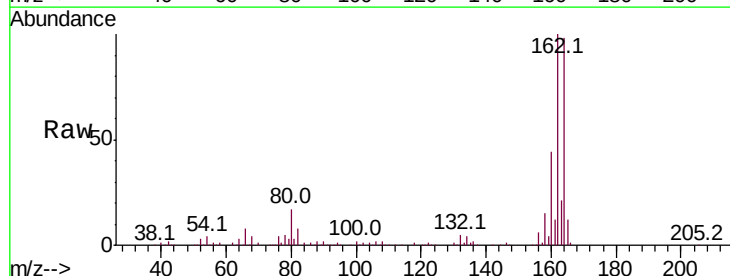
Instrument :
 BNA_F
 ClientSampleId :

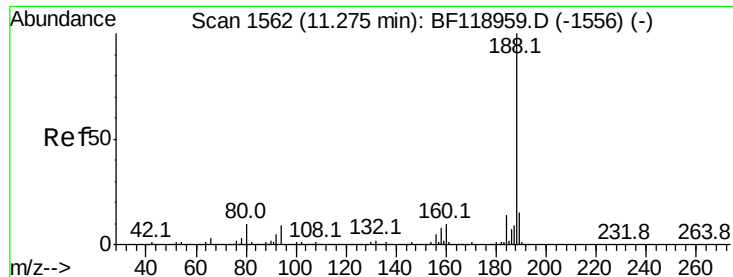
Tot Ion:	165	Resp:	33369
Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.3	51.5#
89	1.8	38.3	57.5#



#57
 2,4-Dinitrotoluene
 Concen: 5.646 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

Tgt Ion:	165	Resp:	33369
Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.3	63.5#
89	1.8	60.2	90.4#
182	0.0	2.3	3.5#

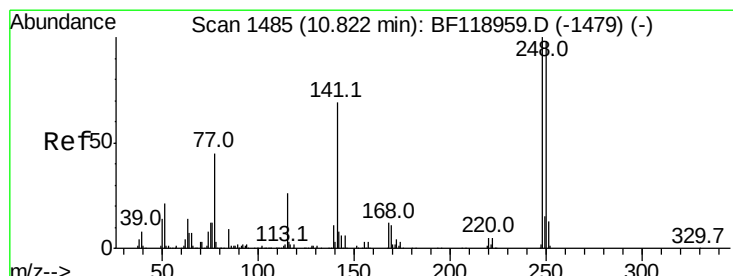
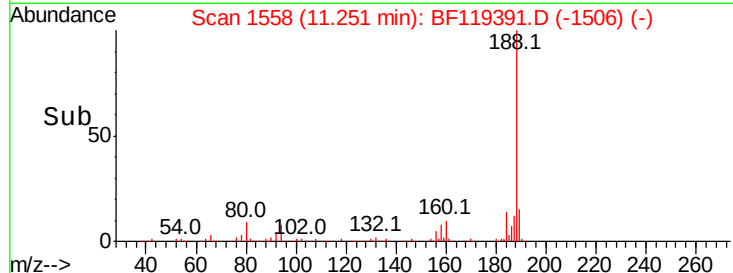
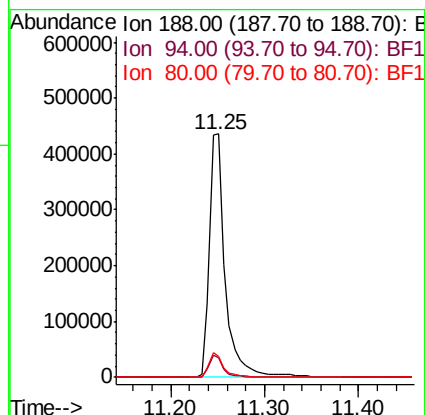
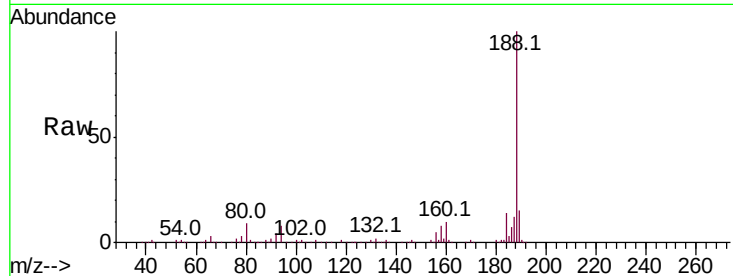




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

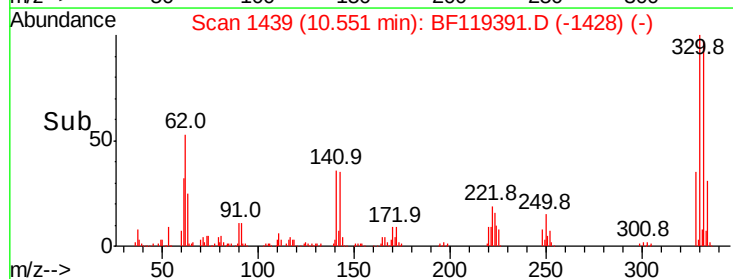
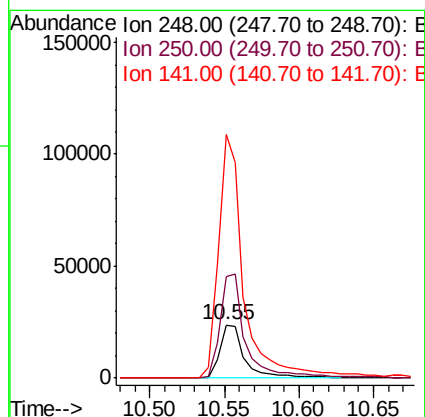
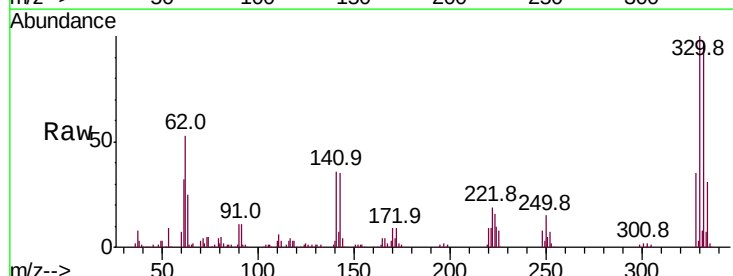
Instrument :
BNA_F
ClientSampled :

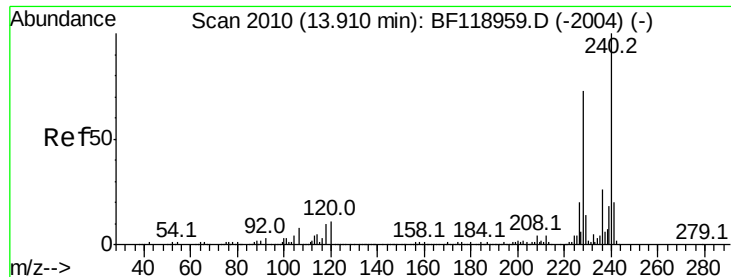
Tot Ion:188 Resp: 521575
Ion Ratio Lower Upper
188 100
94 7.9 7.1 10.7
80 8.8 7.8 11.8



#67
4-Bromophenyl-phenylether
Concen: 4.103 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Tgt Ion:248 Resp: 27975
Ion Ratio Lower Upper
248 100
250 193.1 76.7 115.1#
141 460.2 60.7 91.1#

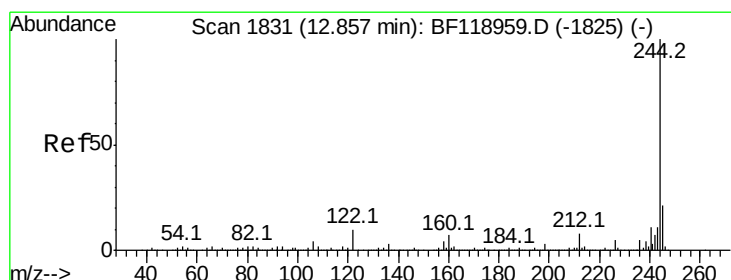
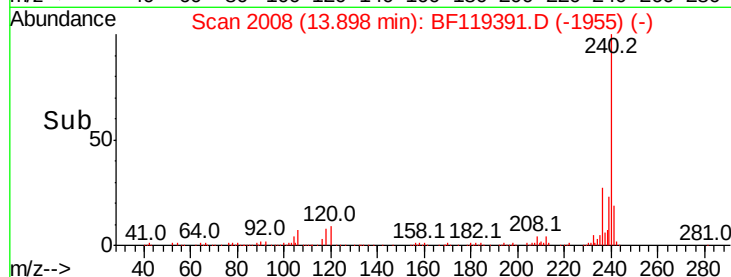
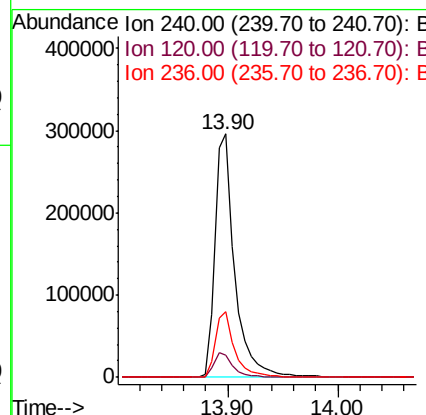
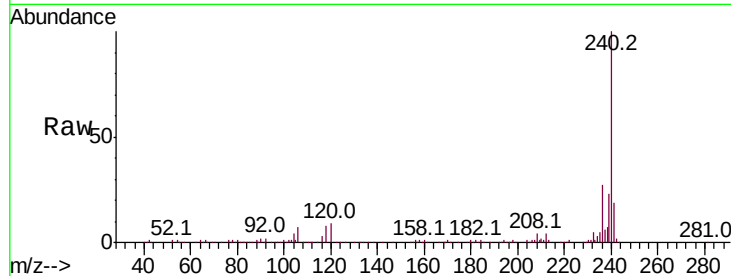




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

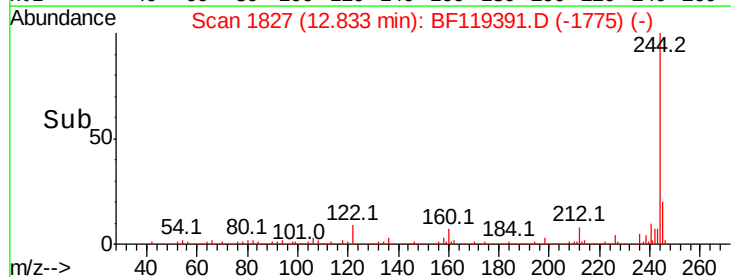
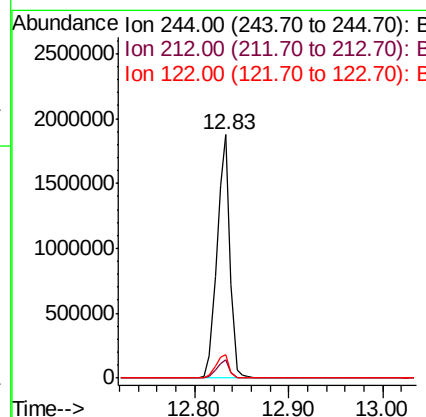
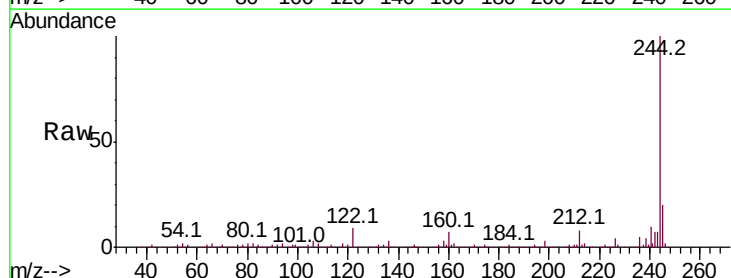
Instrument :
 BNA_F
 ClientSampleId :

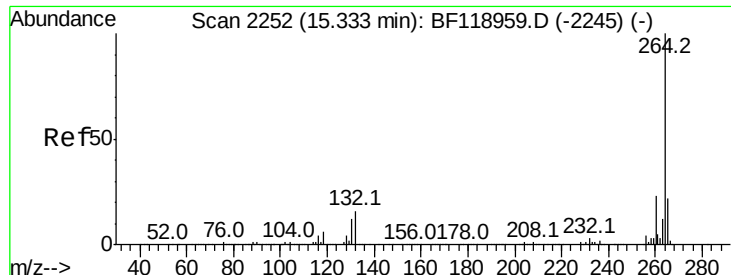
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	8.4	12.6
236	26.9	21.0	31.4



#79
 Terphenyl-d14
 Concen: 87.513 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: BF119391.D
 Acq: 12 Mar 2020 20:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	10.0
122	9.4	8.2	12.2

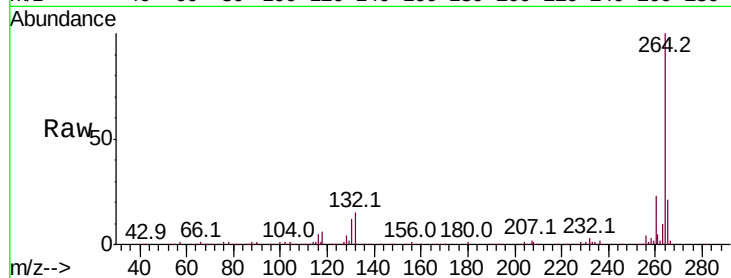




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.02 min
Lab File: BF119391.D
Acq: 12 Mar 2020 20:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	21.0	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

