

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118290.D
 Acq On : 19 Dec 2019 20:21
 Operator : JU
 Sample : K6318-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:14:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

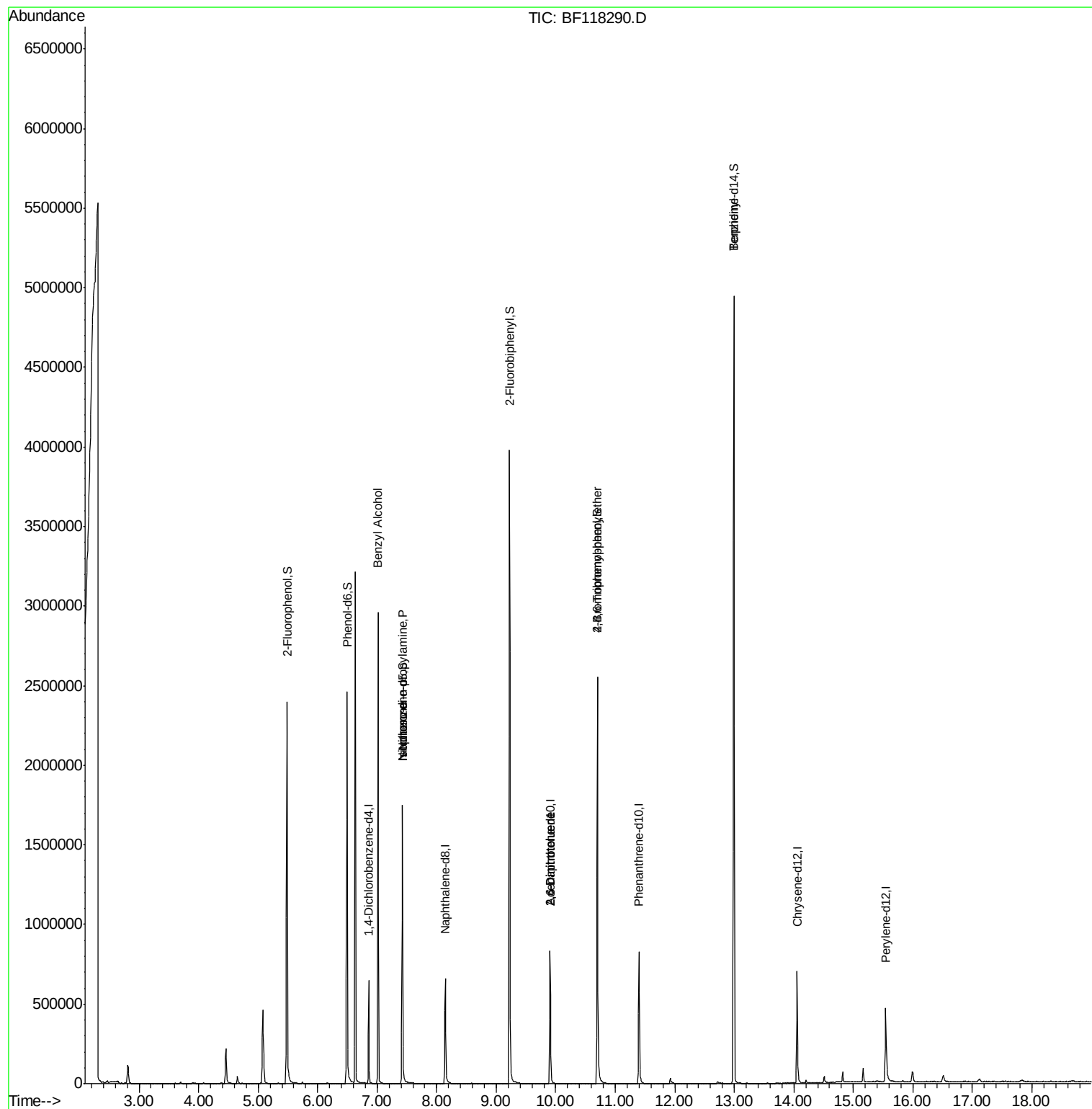
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	88973	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	346280	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	180214	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	354890	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	276767	20.00	ng	-0.02
87) Perylene-d12	15.54	264	244647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	758078	149.23	ng	0.00
7) Phenol-d6	6.49	99	861373	140.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	622523	101.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	371863	169.86	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1268336	107.09	ng	-0.02
79) Terphenyl-d14	12.99	244	1685798	104.74	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	1191	Below Cal	Qvalue	# 1
15) Benzyl Alcohol	7.02	79	11002	2.294 ng	#	50
19) n-Nitroso-di-n-propylamine	7.42	70	82430	22.078 ng	#	75
25) Isophorone	7.42	82	622518	59.660 ng	#	62
51) 2,6-Dinitrotoluene	9.90	165	23086	7.976 ng	#	28
57) 2,4-Dinitrotoluene	9.90	165	23086	5.976 ng	#	26
67) 4-Bromophenyl-phenylether	10.70	248	22108	5.457 ng	#	1
77) Benzidine	12.99	184	22973	3.153 ng	#	93

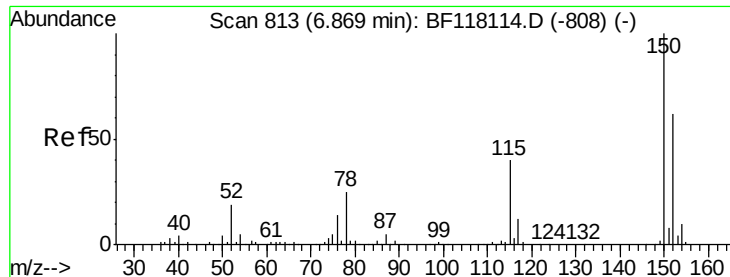
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118290.D
Acq On : 19 Dec 2019 20:21
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Sample : K6318-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 02:14:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration



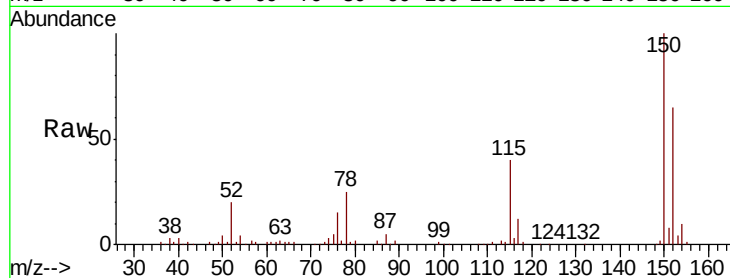


#1

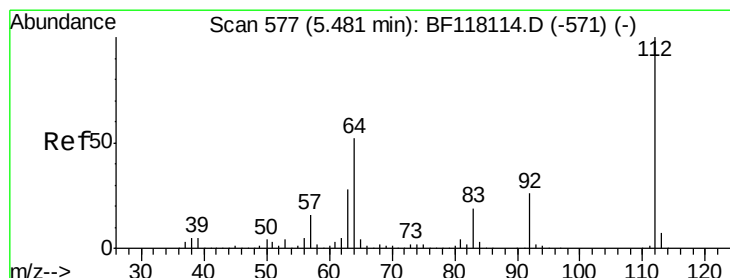
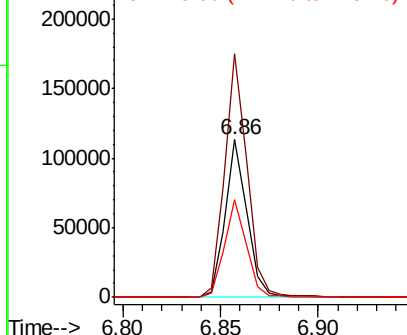
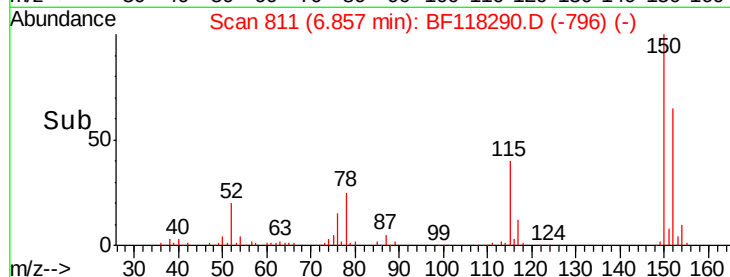
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88973
Ion Ratio Lower Upper
152 100
150 154.5 128.3 192.5
115 62.3 51.1 76.7



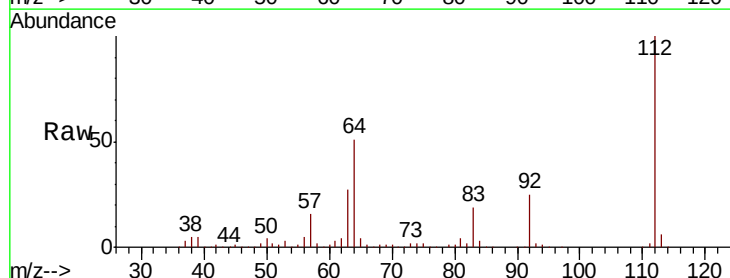
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



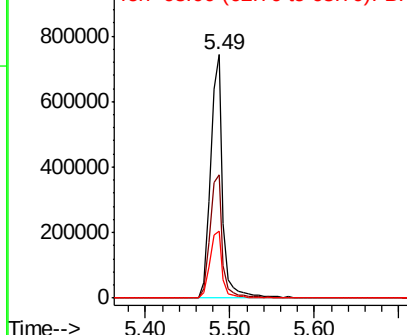
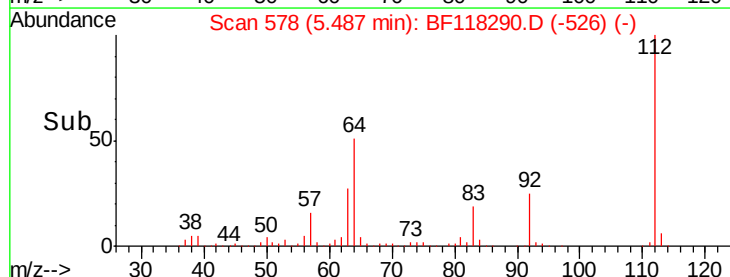
#5

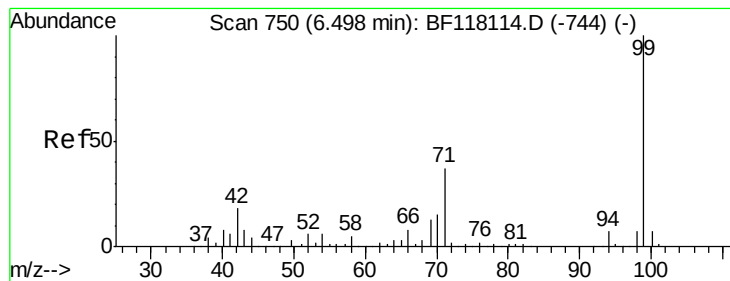
2-Fluorophenol
Concen: 149.230 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion:112 Resp: 758078
Ion Ratio Lower Upper
112 100
64 50.6 41.3 61.9
63 27.4 22.4 33.6



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: 140.190 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118290.D

Acq: 19 Dec 2019 20:21

Instrument :

BNA_F

ClientSampled :

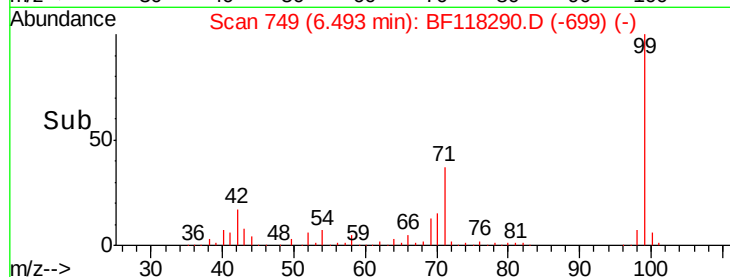
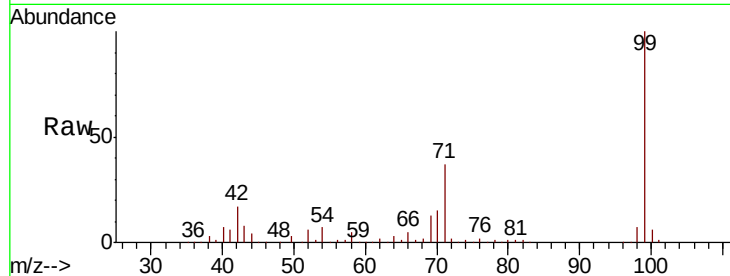
Tot Ion: 99 Resp: 861373

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

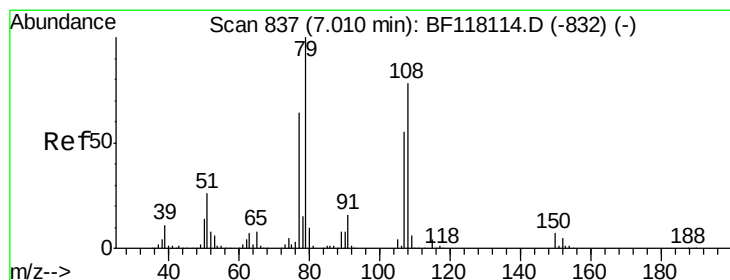
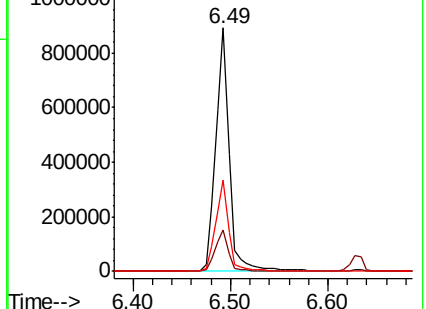
71 37.3 29.7 44.5



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: 2.294 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118290.D

Acq: 19 Dec 2019 20:21

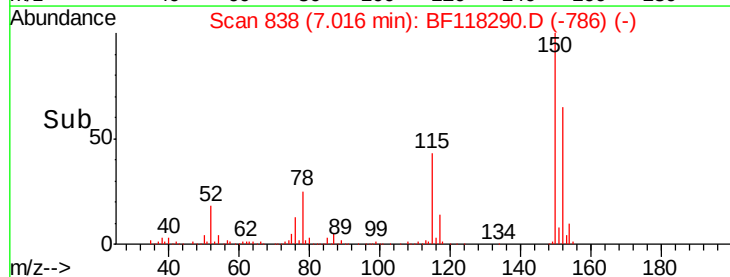
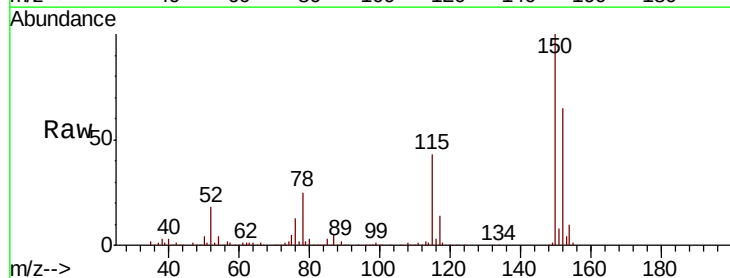
Tgt Ion: 79 Resp: 11002

Ion Ratio Lower Upper

79 100

108 32.2 62.7 94.1#

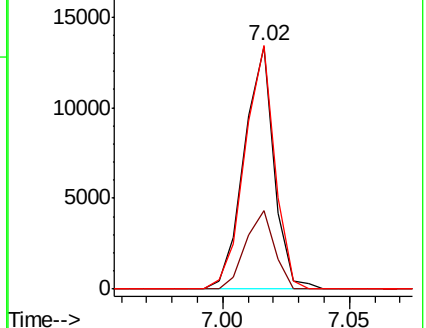
77 100.4 51.4 77.2#

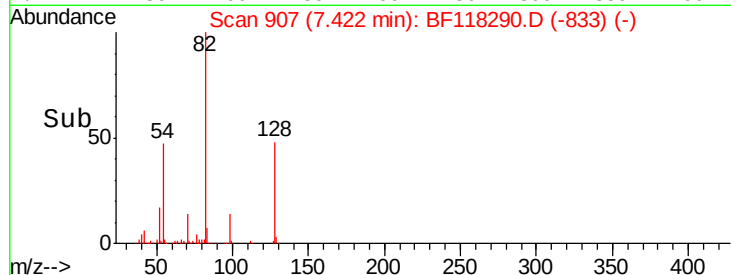
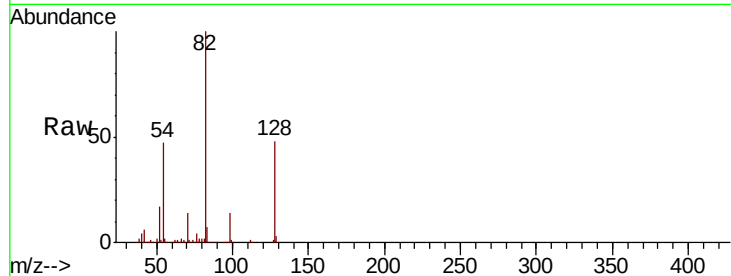
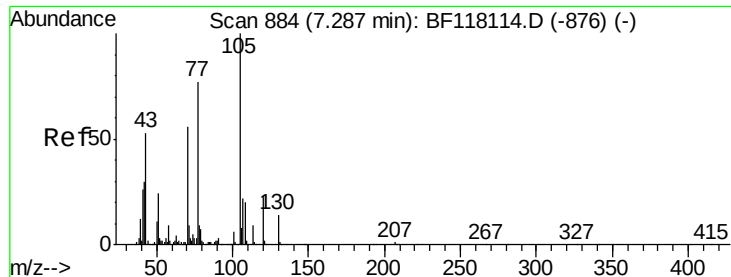


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

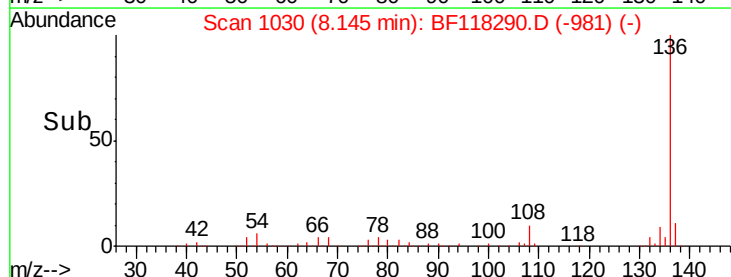
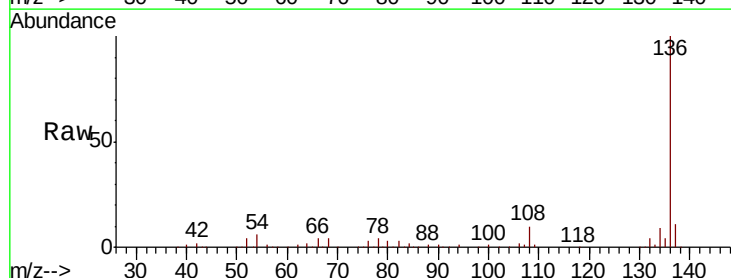
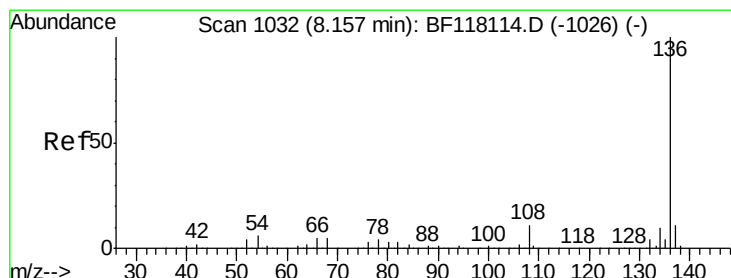
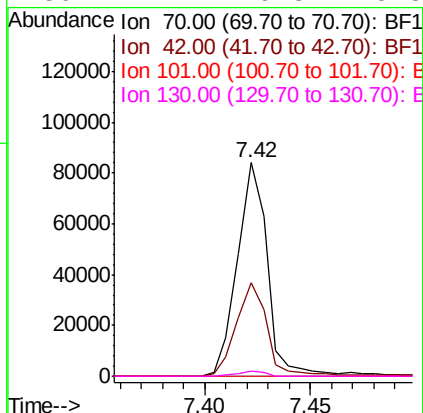




#19
n-Nitroso-di-n-propylamine
Concen: 22.078 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

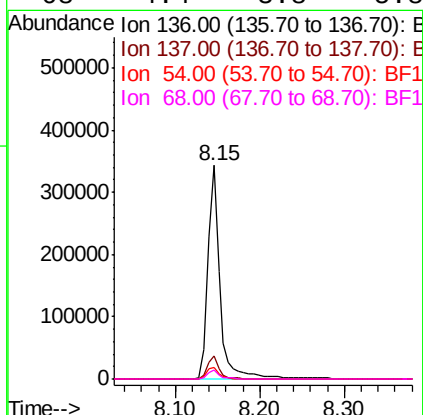
Instrument :
BNA_F
ClientSampleId :

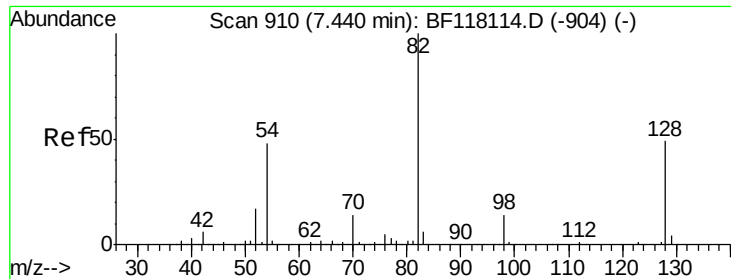
Tot Ion: 70 Resp: 82430
Ion Ratio Lower Upper
70 100
42 43.5 43.2 64.8
101 0.0 8.1 12.1#
130 2.2 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion: 136 Resp: 346280
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 5.6 5.0 7.6
68 4.4 3.8 5.8

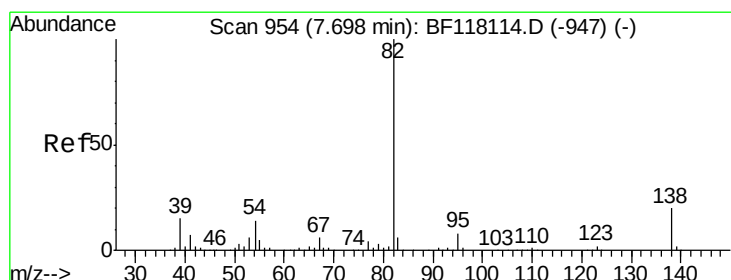
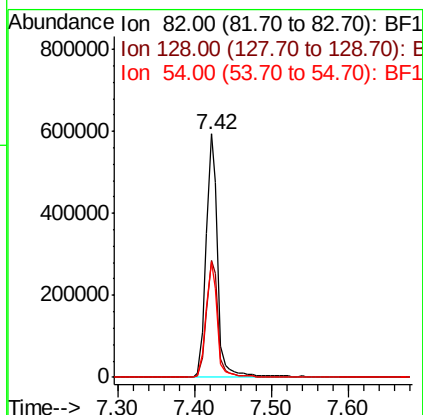
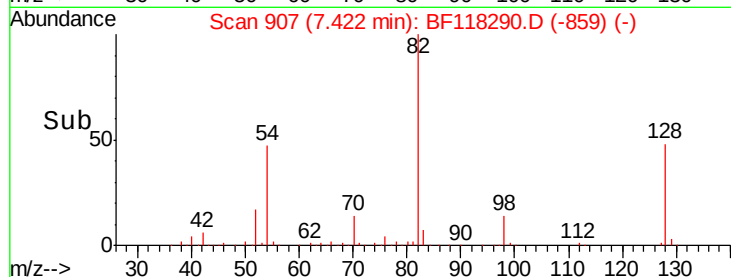
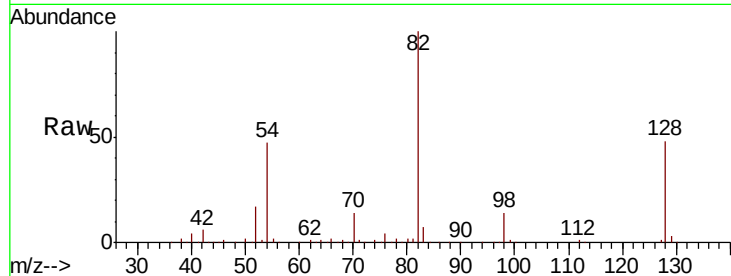




#23
Nitrobenzene-d5
Concen: 101.137 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

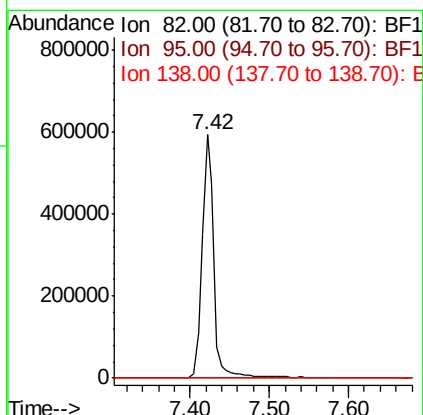
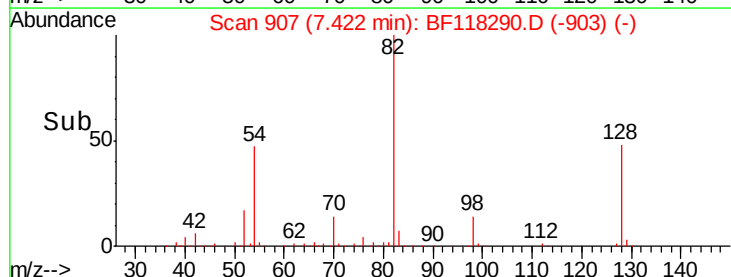
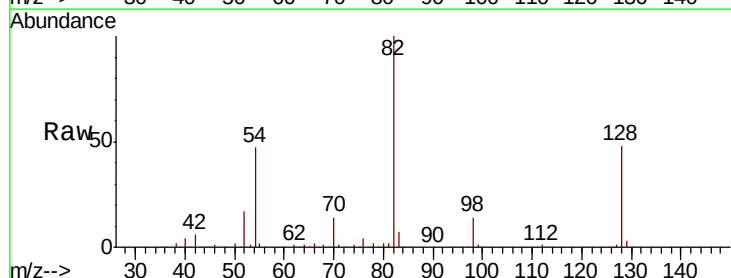
Instrument :
BNA_F
ClientSampleId :

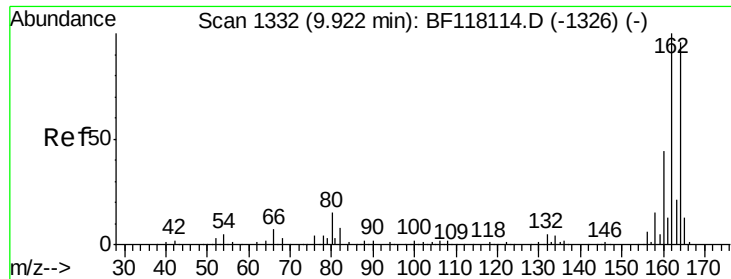
Tot Ion: 82 Resp: 622523
Ion Ratio Lower Upper
82 100
128 47.8 39.1 58.7
54 47.3 38.2 57.2



#25
Isophorone
Concen: 59.660 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion: 82 Resp: 622518
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.3 24.5#

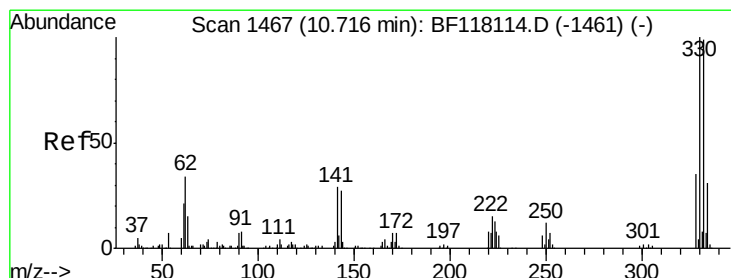
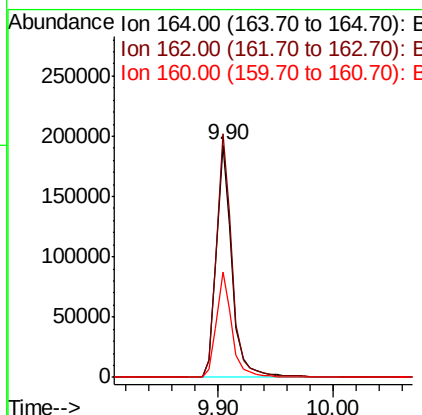
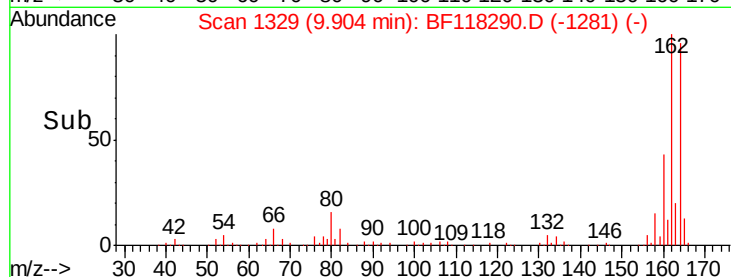
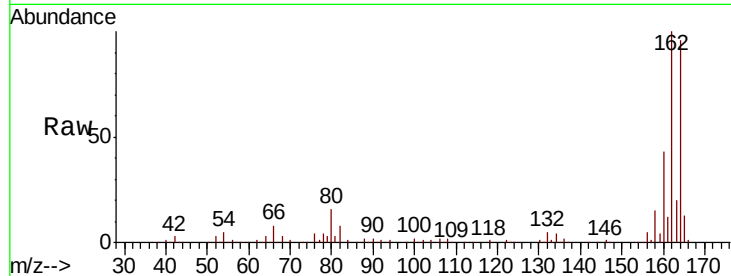




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

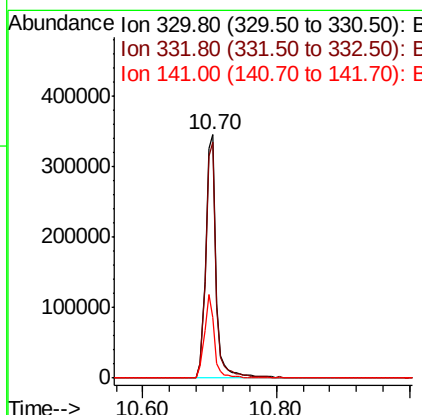
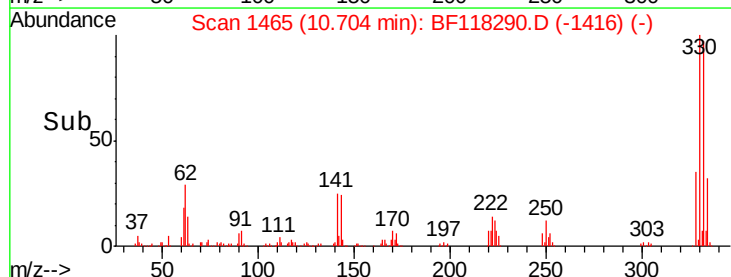
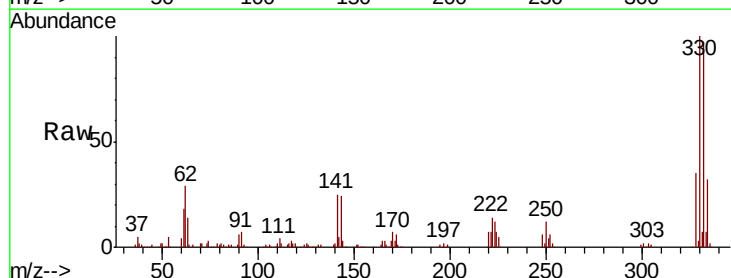
Instrument :
BNA_F
ClientSampleId :

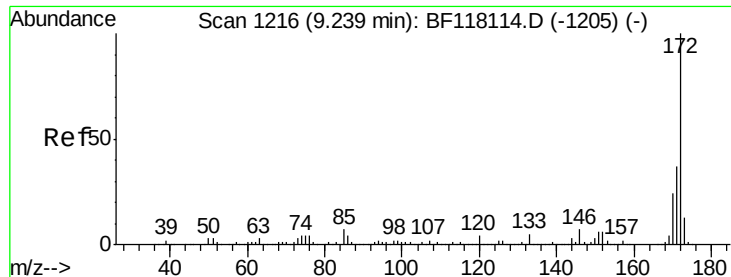
Tot Ion:164 Resp: 180214
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.0
160 45.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 169.857 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion:330 Resp: 371863
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 32.5 26.9 40.3

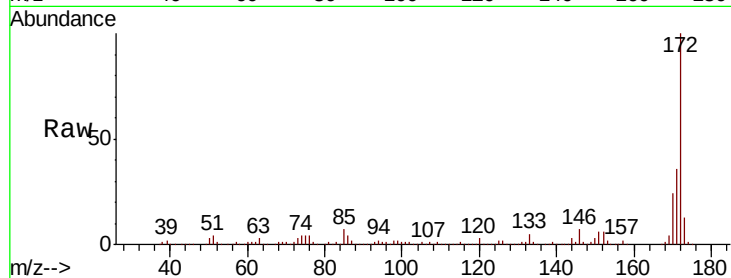




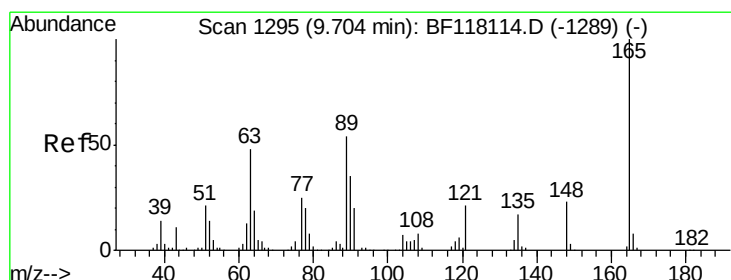
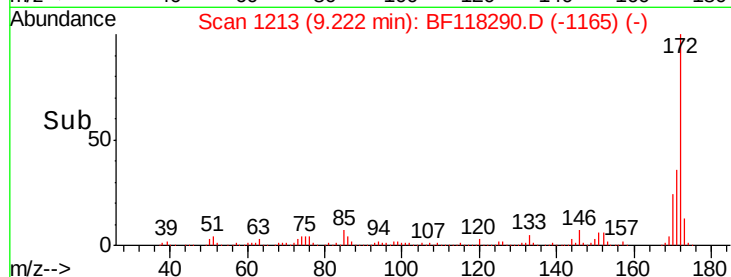
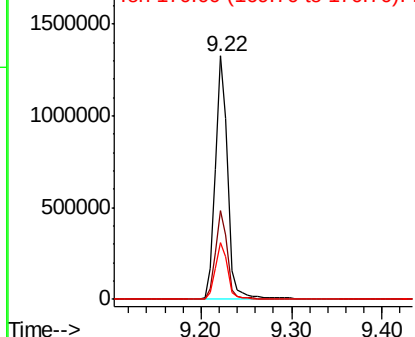
#45
2-Fluorobiphenyl
Concen: 107.093 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1268336
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 23.5 19.4 29.2

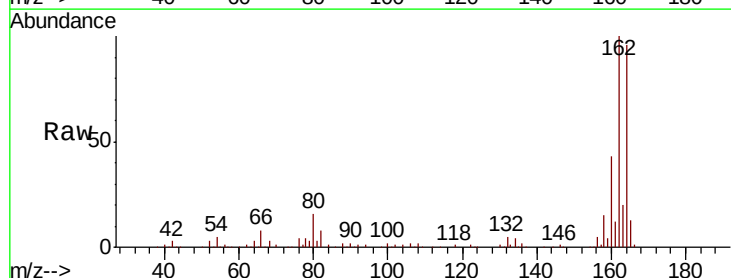


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

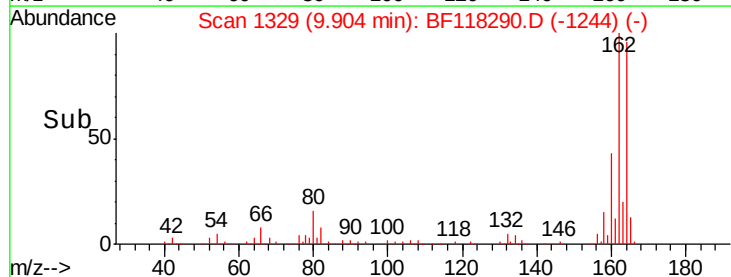
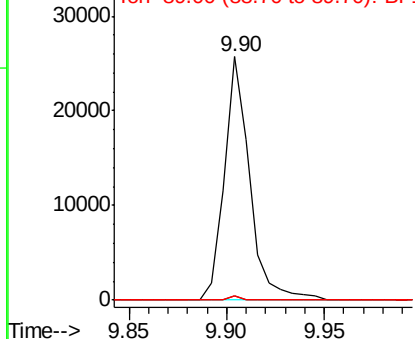


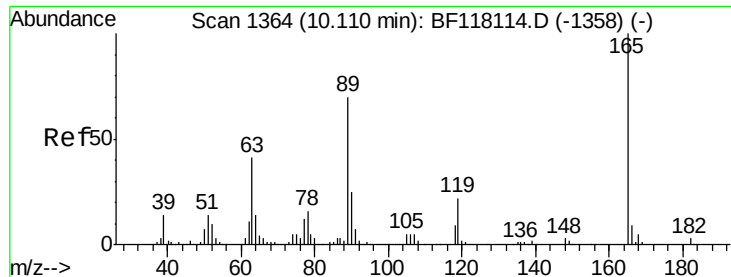
#51
2,6-Dinitrotoluene
Concen: 7.976 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF118290.D
Acq: 19 Dec 2019 20:21

Tgt Ion:165 Resp: 23086
Ion Ratio Lower Upper
165 100
63 1.7 41.4 62.0#
89 1.6 42.9 64.3#



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

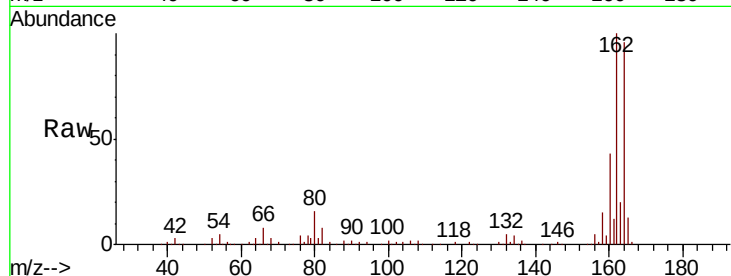




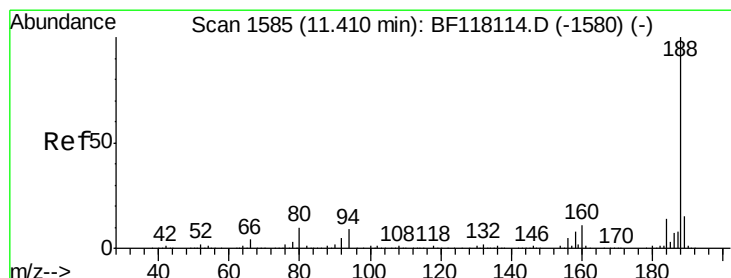
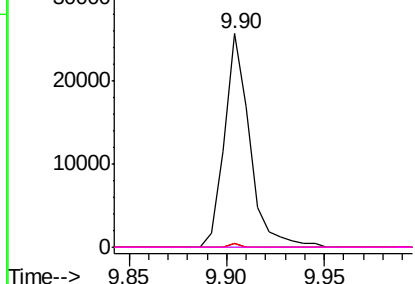
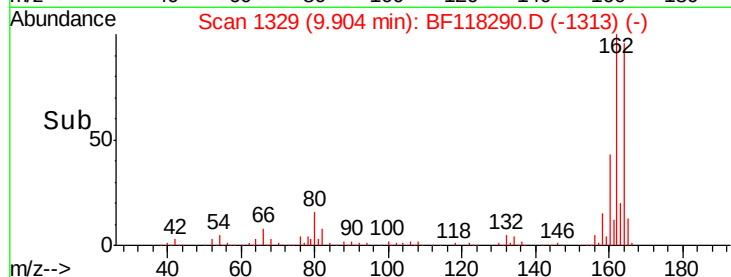
#57
 2,4-Dinitrotoluene
 Concen: 5.976 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	32.6	49.0#
89	1.6	56.1	84.1#
182	0.0	2.1	3.1#

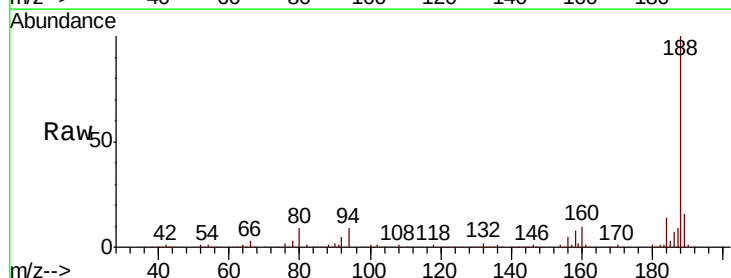


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

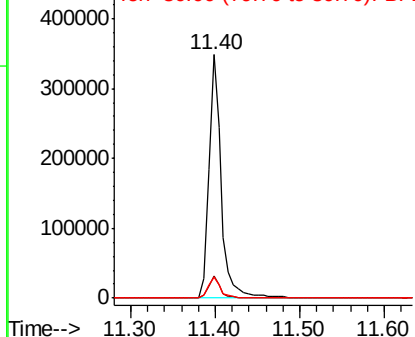
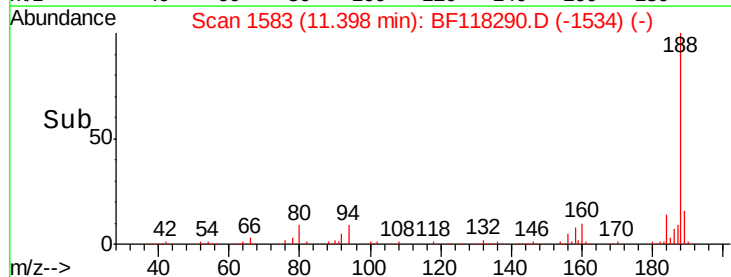


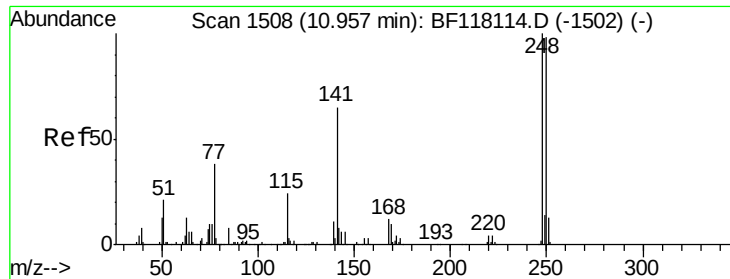
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	8.8	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

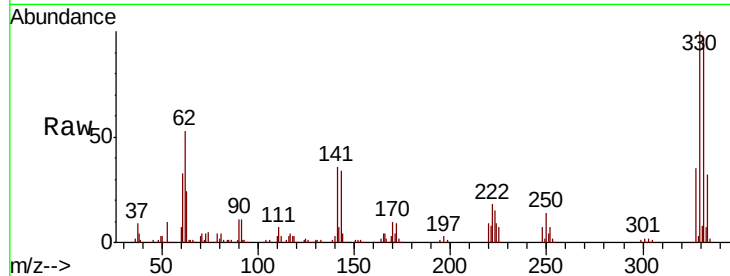




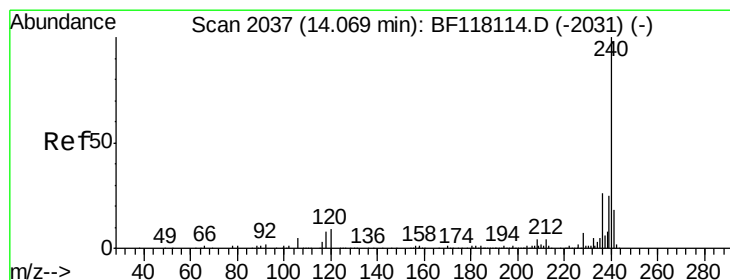
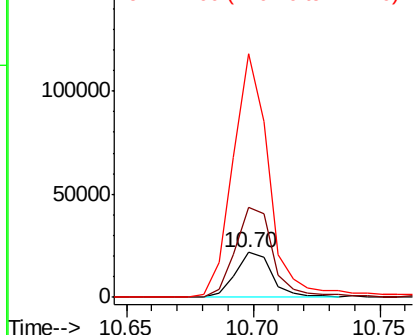
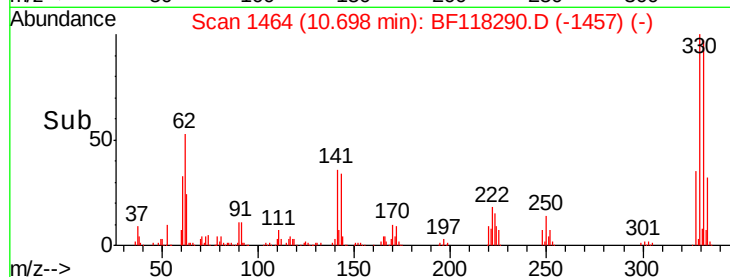
#67
 4-Bromophenyl-phenylether
 Concen: 5.457 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 22108
 Ion Ratio Lower Upper
 248 100
 250 200.8 78.3 117.5#
 141 540.0 52.2 78.4#

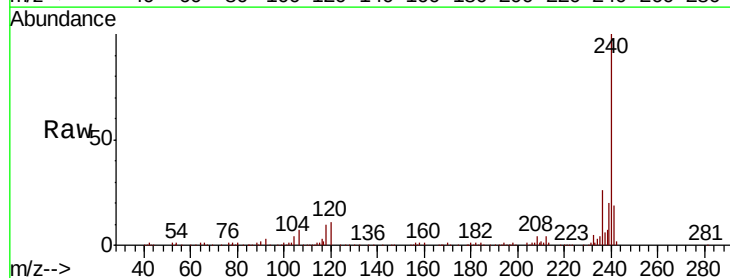


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

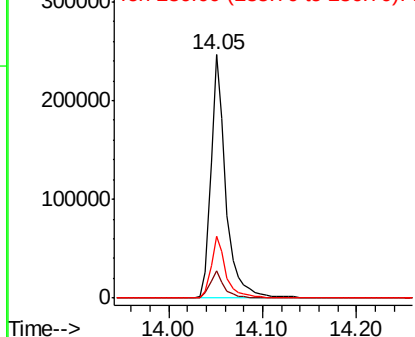
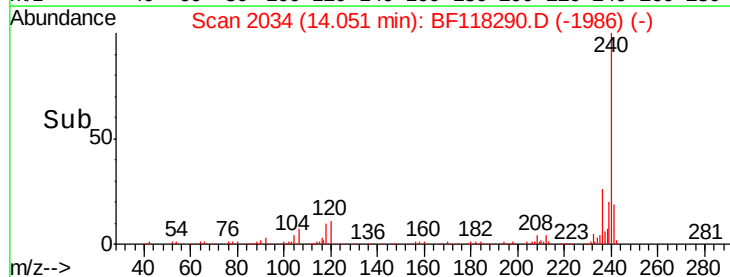


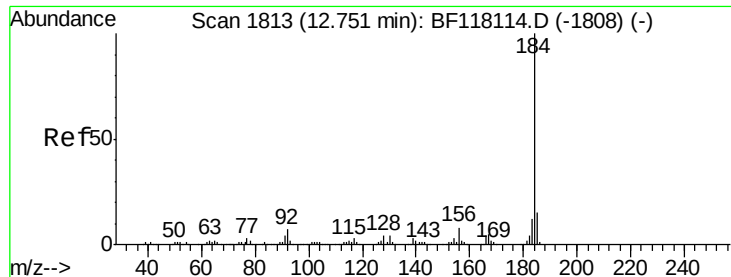
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Tgt Ion:240 Resp: 276767
 Ion Ratio Lower Upper
 240 100
 120 11.3 7.1 10.7#
 236 25.6 21.0 31.6



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: 3.153 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.24 min

Lab File: BF118290.D

Acq: 19 Dec 2019 20:21

Instrument :

BNA_F

ClientSampleId :

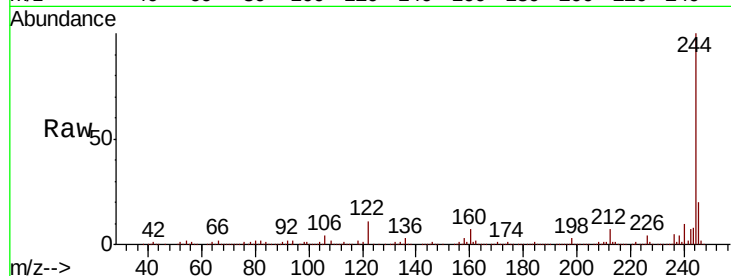
Tot Ion:184 Resp: 22973

Ion Ratio Lower Upper

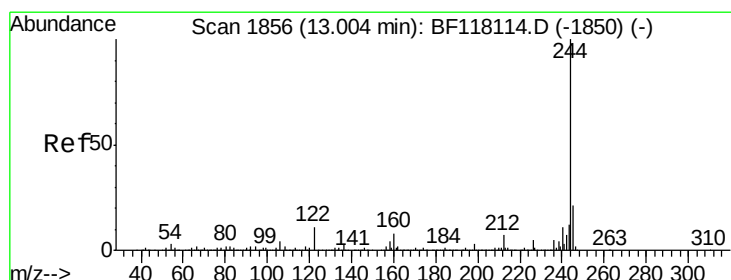
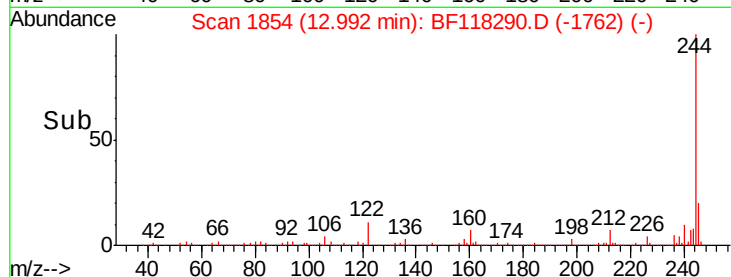
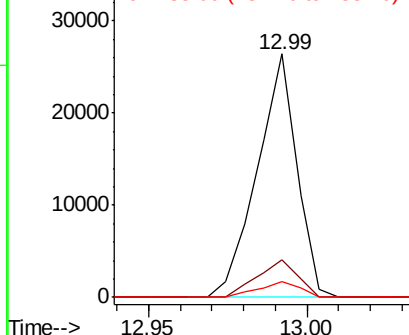
184 100

185 15.7 12.3 18.5

183 6.7 9.9 14.9#



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: 104.743 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118290.D

Acq: 19 Dec 2019 20:21

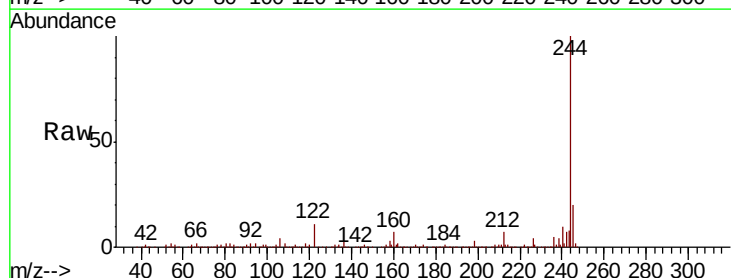
Tgt Ion:244 Resp: 1685798

Ion Ratio Lower Upper

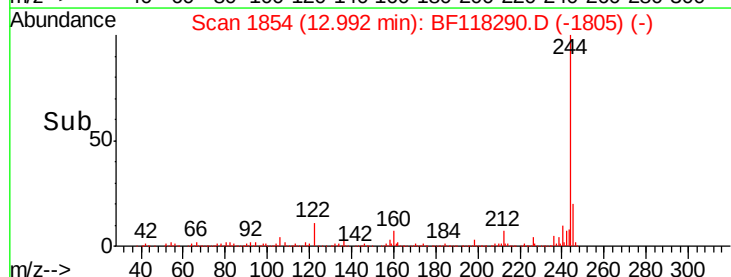
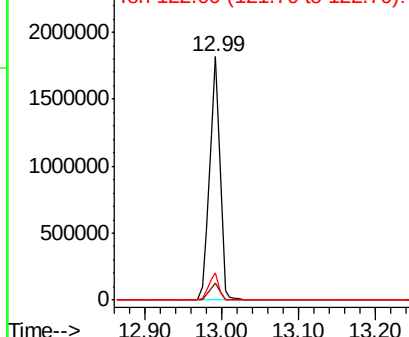
244 100

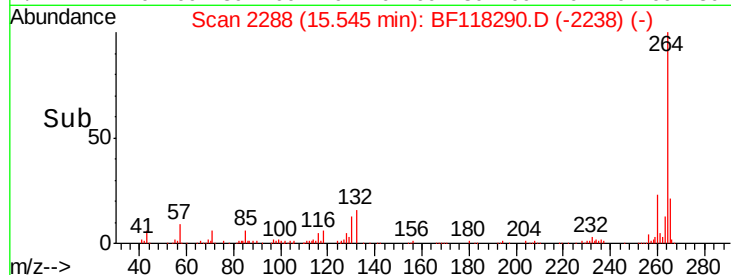
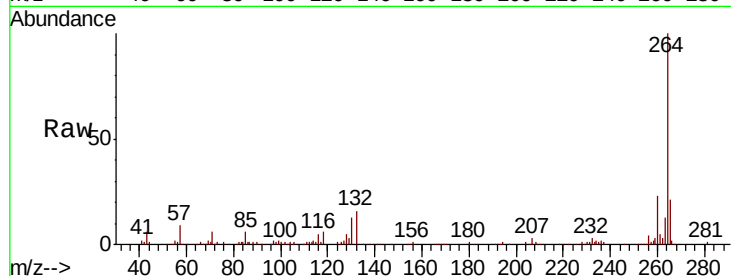
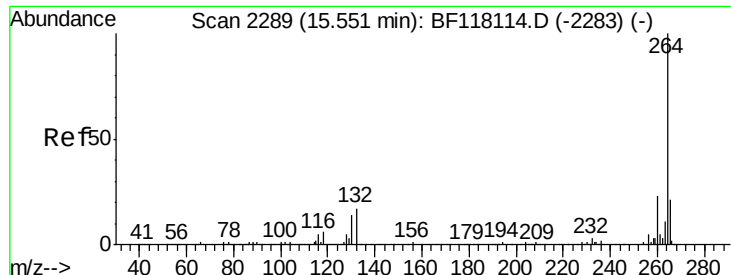
212 7.2 5.9 8.9

122 11.4 9.0 13.6



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: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118290.D
 Acq: 19 Dec 2019 20:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	244647
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.6 28.0
265	21.1	16.8 25.2

