

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118862.D
 Acq On : 7 Feb 2020 20:36
 Operator : CG/JU
 Sample : L1433-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:38:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

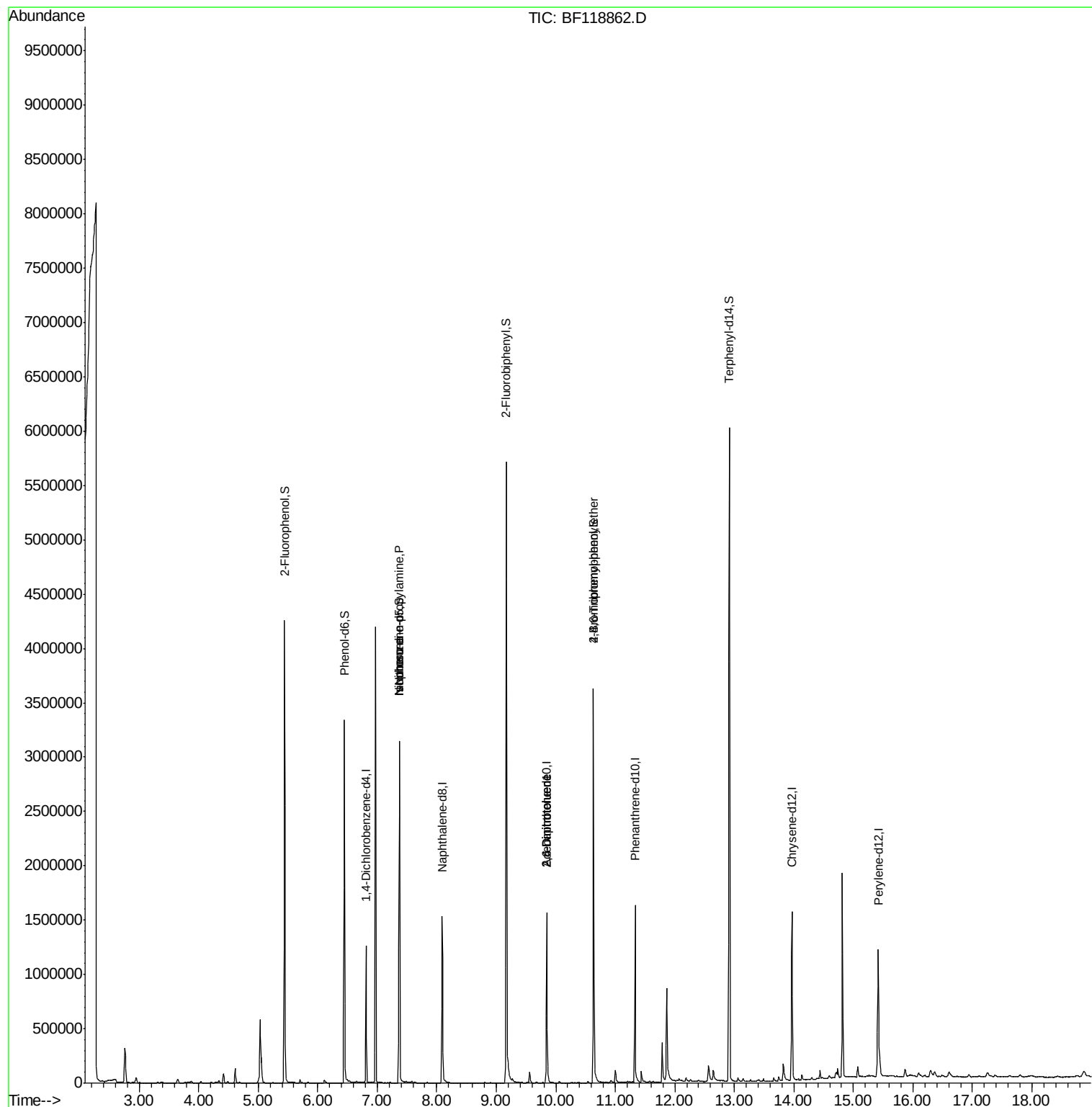
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	198264	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	727659	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	386706	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	650047	20.00	ng	0.00
76) Chrysene-d12	13.97	240	541248	20.00	ng	-0.01
87) Perylene-d12	15.42	264	636425	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1241913	118.57	ng	0.01
7) Phenol-d6	6.45	99	1314110	101.07	ng	0.00
23) Nitrobenzene-d5	7.37	82	1074655	88.03	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	571266	123.46	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2160612	99.88	ng	-0.01
79) Terphenyl-d14	12.92	244	2274539	86.32	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	2272	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	145853	18.334	ng	# 1
25) Isophorone	7.37	82	1074642	48.980	ng	# 76
51) 2,6-Dinitrotoluene	9.85	165	49619	8.236	ng	# 63
57) 2,4-Dinitrotoluene	9.85	165	49619	6.223	ng	# 30
67) 4-Bromophenyl-phenylether	10.63	248	36453	4.740	ng	# 34
						# 1

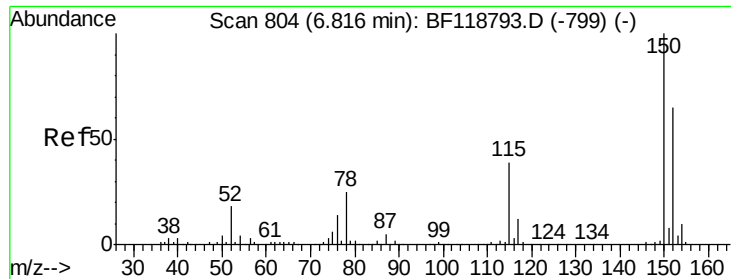
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



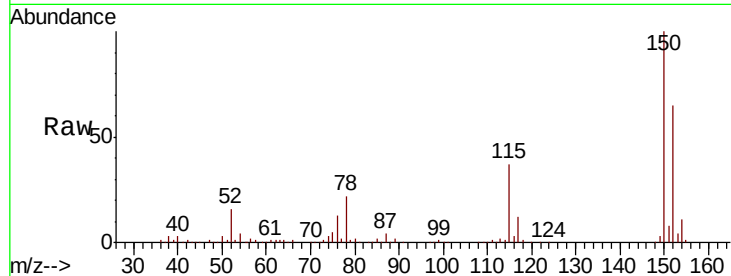


#1

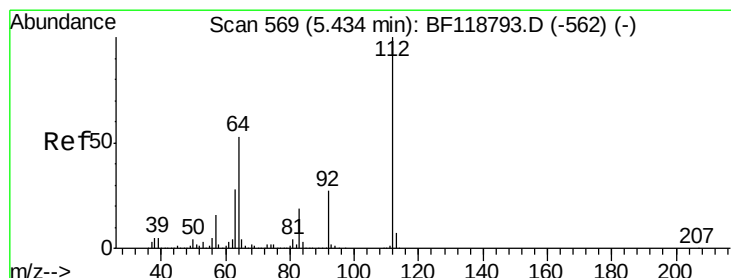
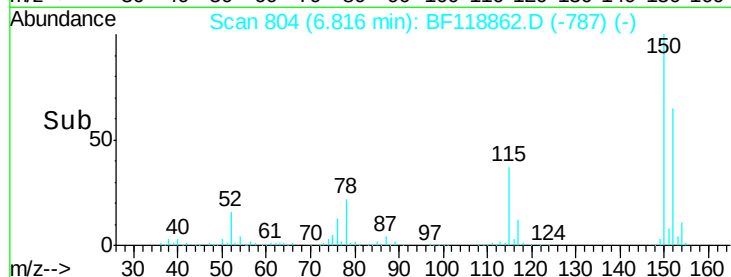
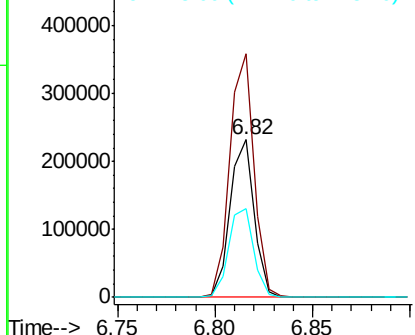
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 198264
Ion Ratio Lower Upper
152 100
150 154.6 123.6 185.4
115 56.6 48.2 72.2



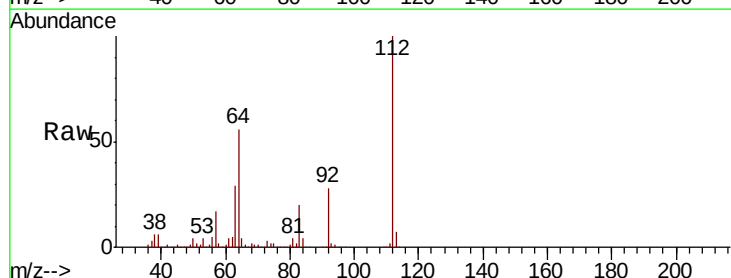
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



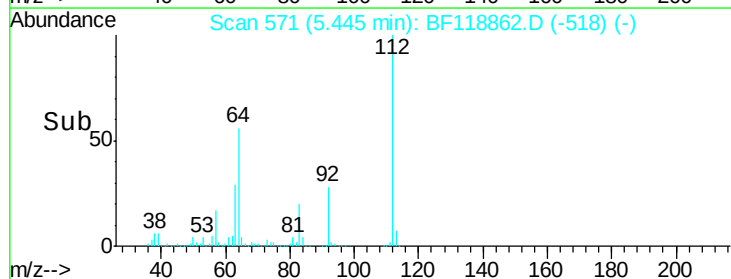
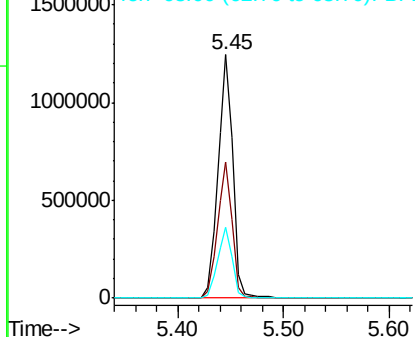
#5

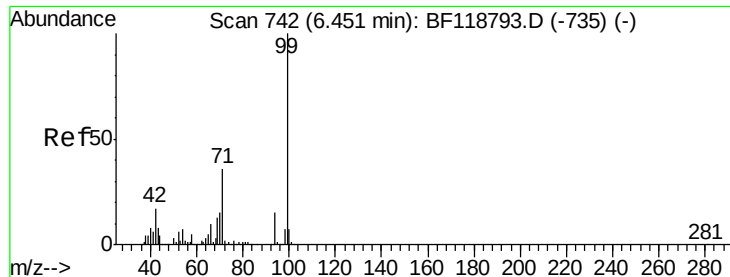
2-Fluorophenol
Concen: 118.572 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Tgt Ion:112 Resp: 1241913
Ion Ratio Lower Upper
112 100
64 55.9 42.6 63.8
63 29.0 22.2 33.4



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: 101.071 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

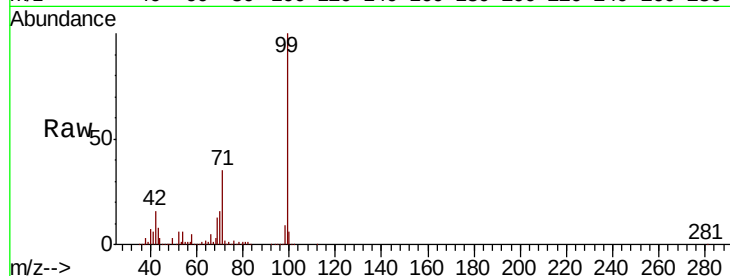
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1314110

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.4	20.0
71	35.3	29.0	43.6

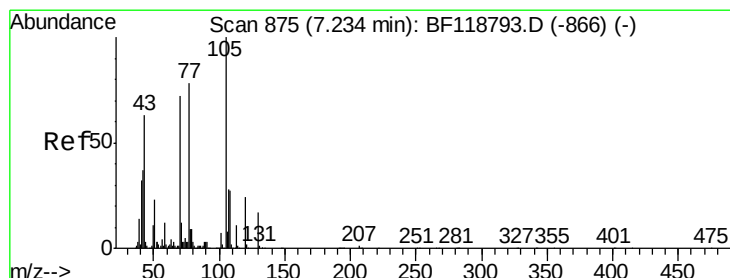
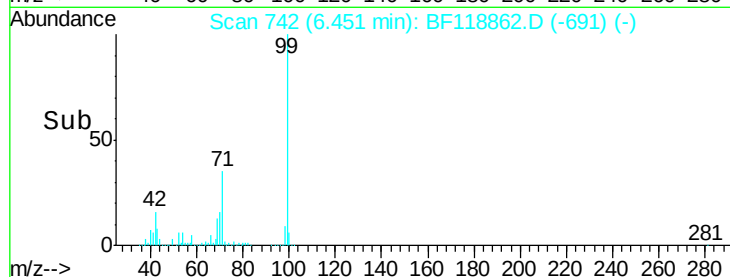
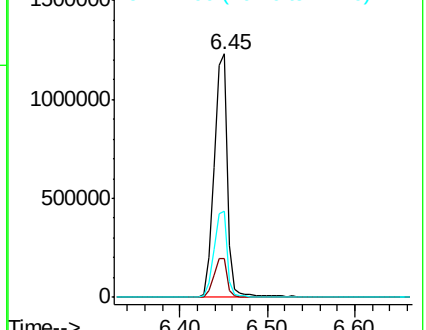


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.334 ng

RT: 7.37 min Scan# 899

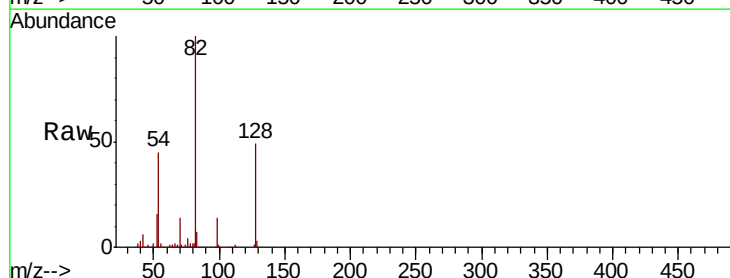
Delta R.T. 0.14 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

Tgt Ion: 70 Resp: 145853

Ion	Ratio	Lower	Upper
70	100		
42	42.0	41.5	62.3
101	0.0	8.3	12.5#
130	2.4	19.2	28.8#



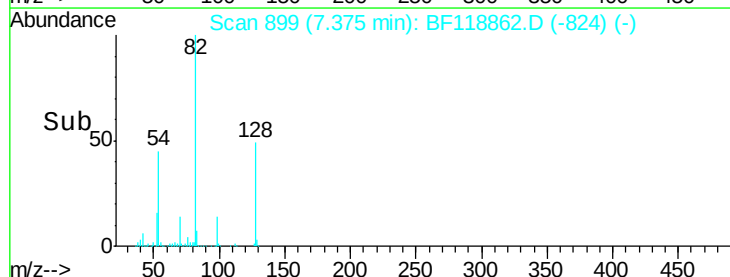
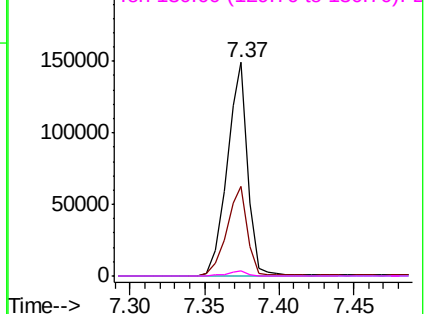
Abundance

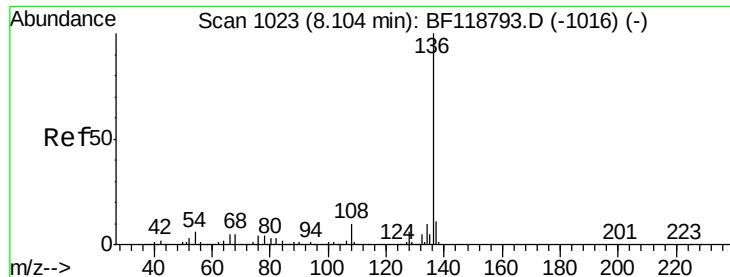
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 727659

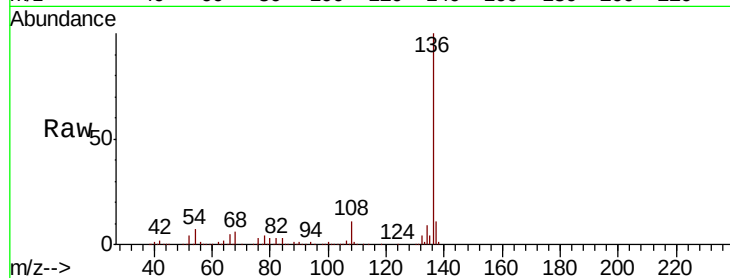
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.0 5.0 7.6

68 5.8 4.2 6.4

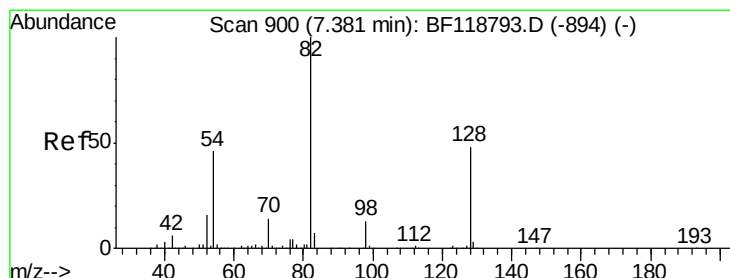
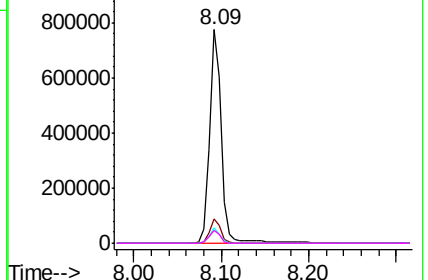
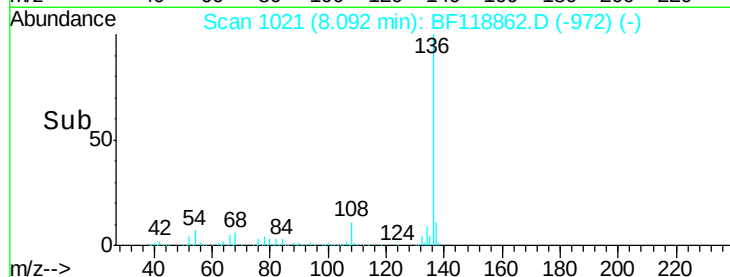


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 88.029 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

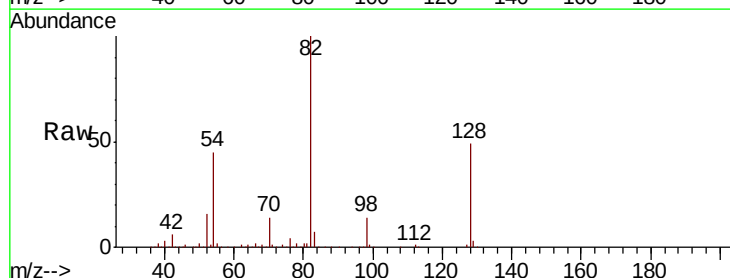
Tgt Ion: 82 Resp: 1074655

Ion Ratio Lower Upper

82 100

128 49.2 38.5 57.7

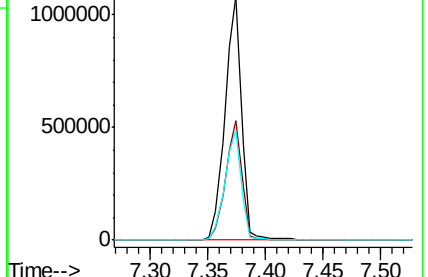
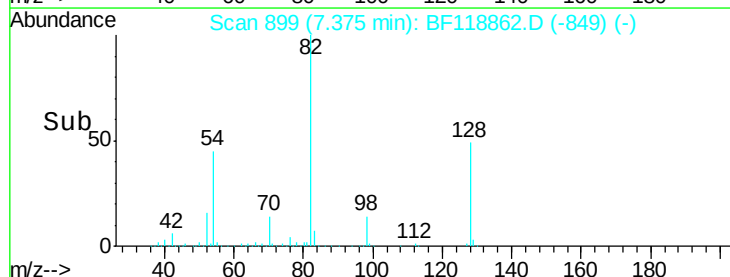
54 45.1 36.7 55.1

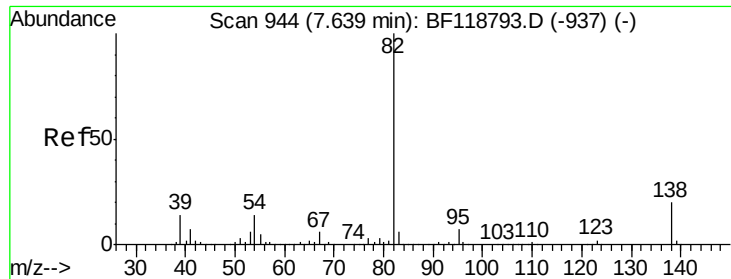


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

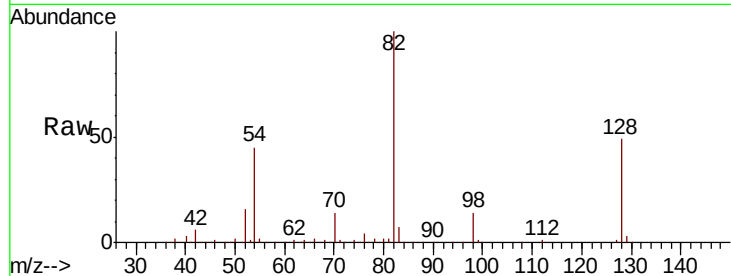




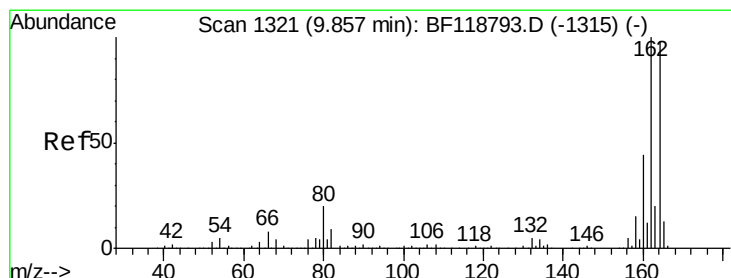
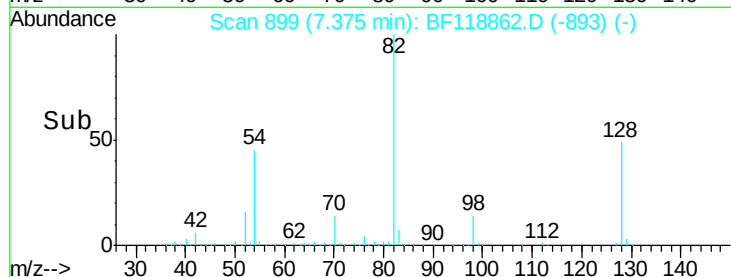
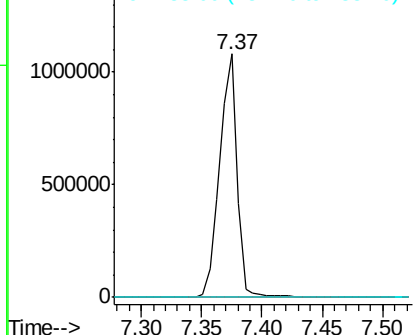
#25
Isophorone
Concen: 48.980 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1074642
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.7 23.5#

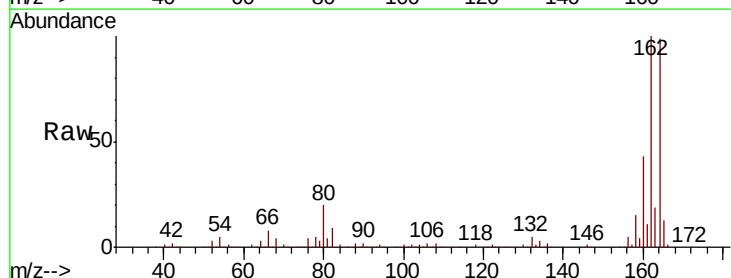


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

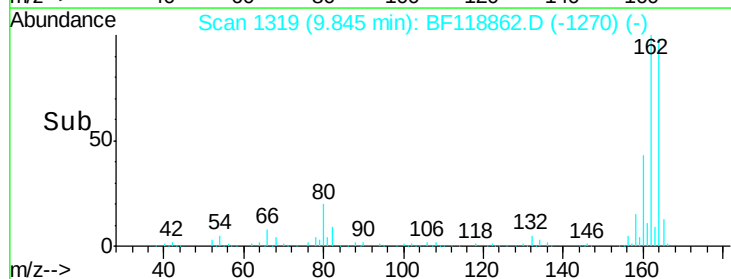
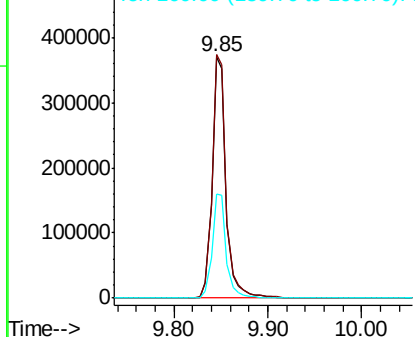


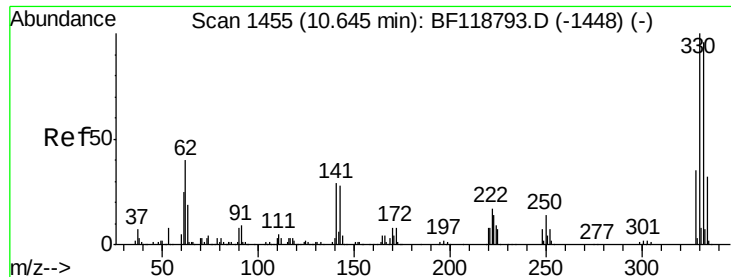
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Tgt Ion: 164 Resp: 386706
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.2
160 43.3 35.6 53.4



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: 123.462 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

Instrument :

BNA_F

ClientSampleId :

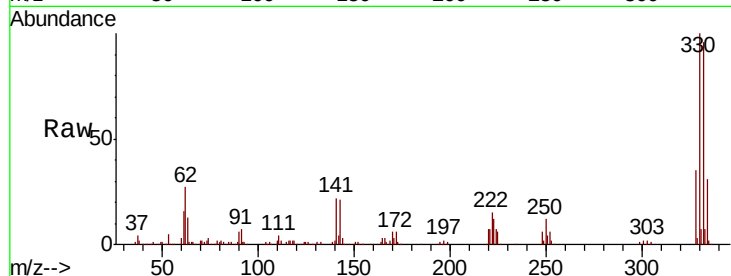
Tot Ion:330 Resp: 571266

Ion Ratio Lower Upper

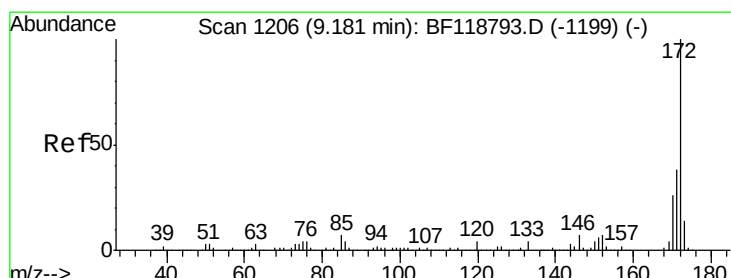
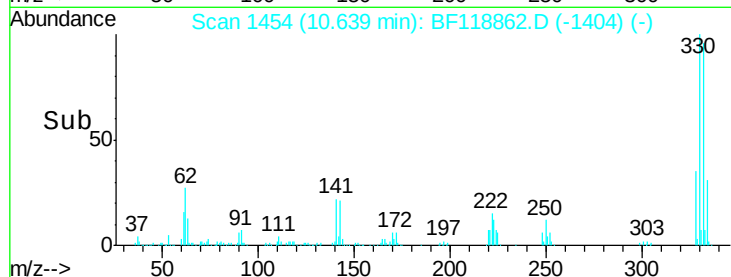
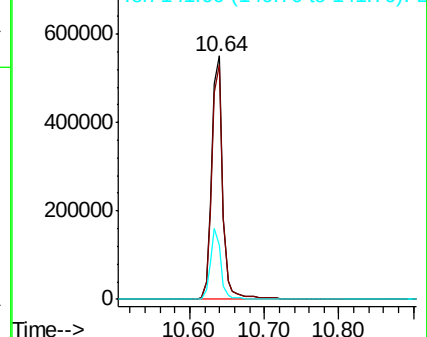
330 100

332 96.1 77.3 115.9

141 27.7 22.4 33.6



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: 99.883 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118862.D

Acq: 7 Feb 2020 20:36

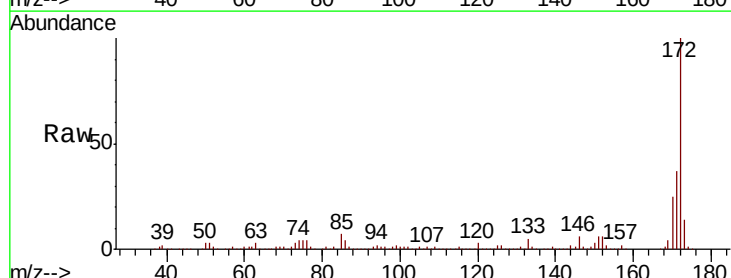
Tgt Ion:172 Resp: 2160612

Ion Ratio Lower Upper

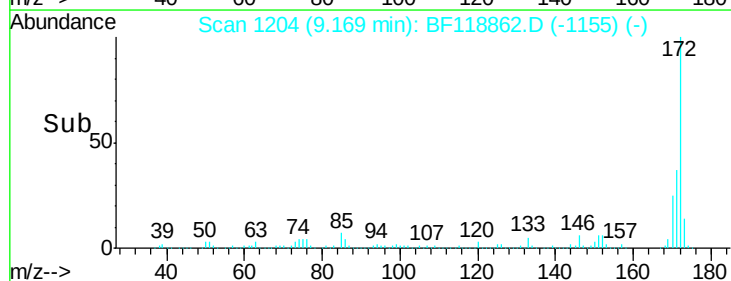
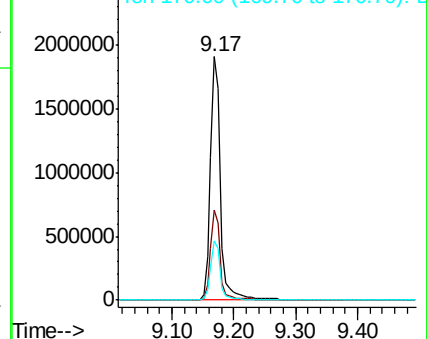
172 100

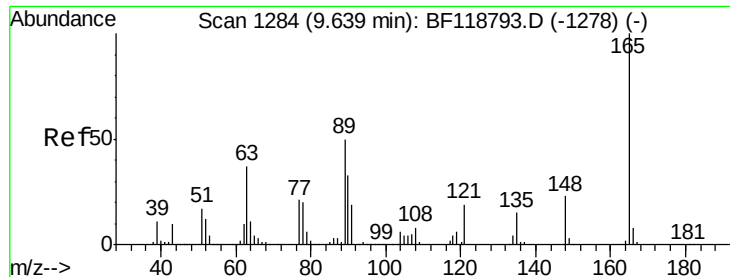
171 36.9 30.8 46.2

170 24.5 20.5 30.7



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

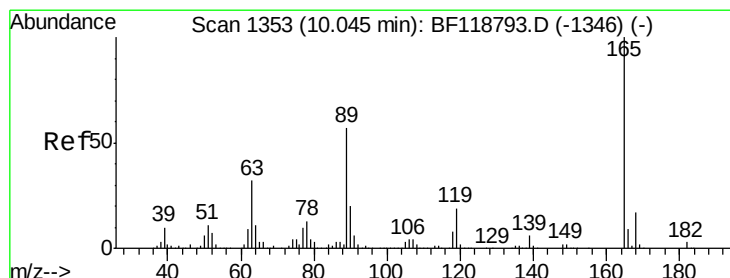
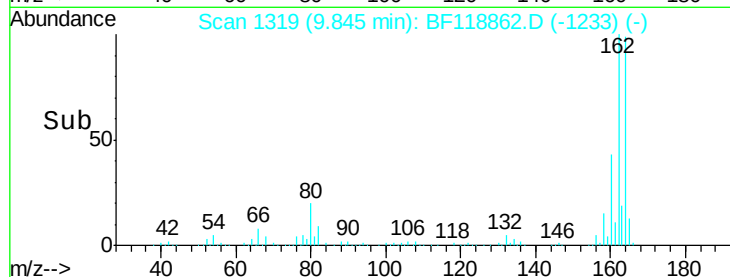
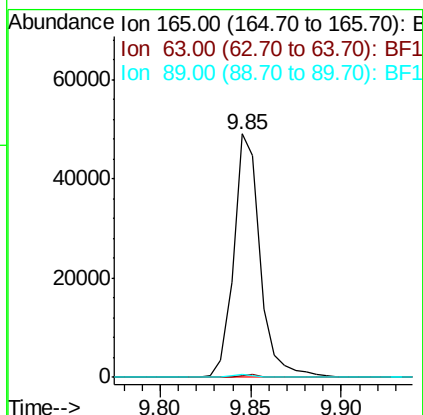
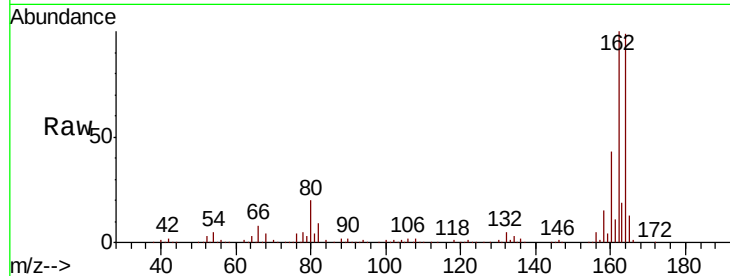




#51
 2,6-Dinitrotoluene
 Concen: 8.236 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

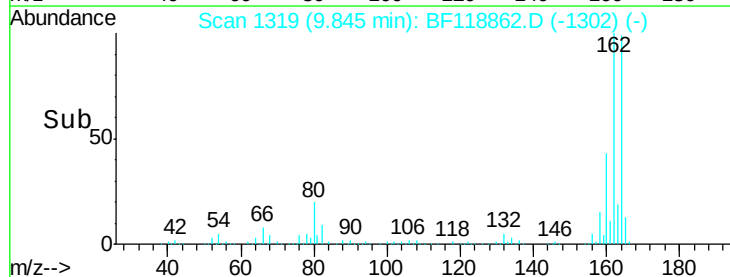
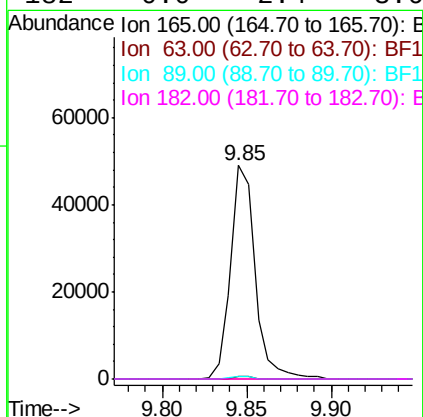
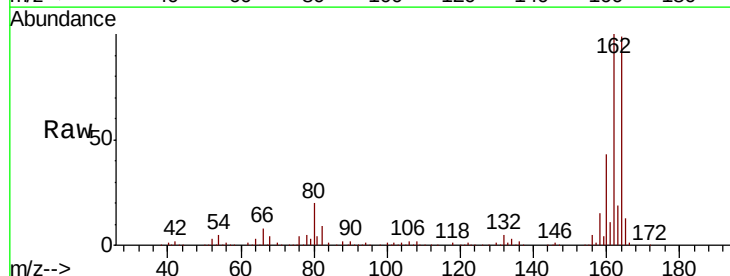
Instrument :
 BNA_F
 ClientSampleId :

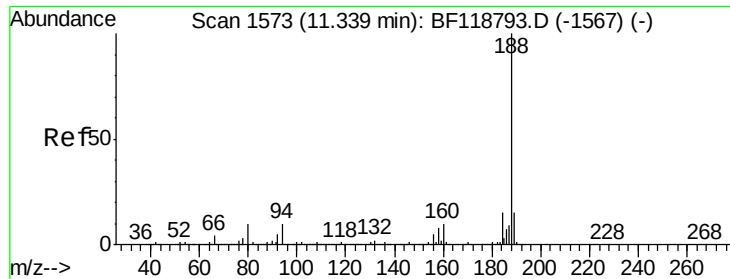
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.4	56.0#
89	1.3	39.7	59.5#



#57
 2,4-Dinitrotoluene
 Concen: 6.223 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF118862.D
 Acq: 7 Feb 2020 20:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.5	38.3#
89	1.3	45.4	68.0#
182	0.0	2.4	3.6#

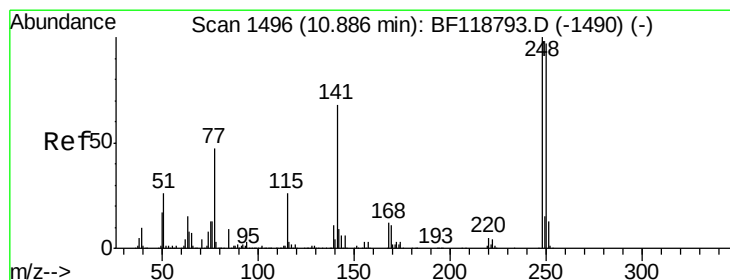
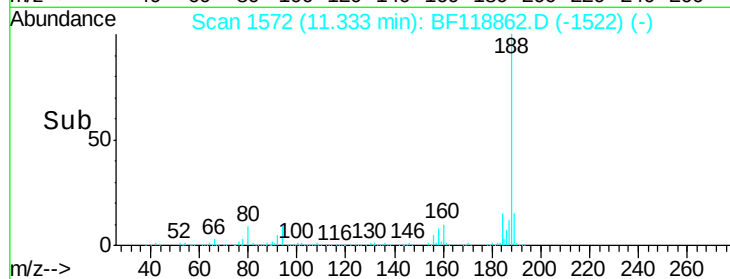
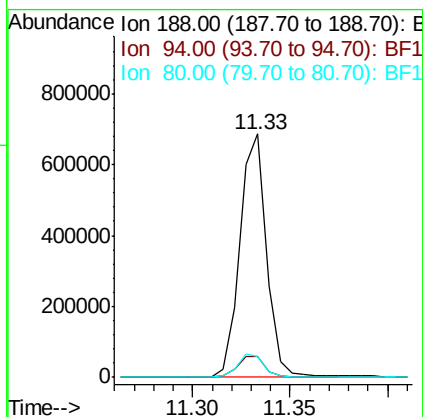
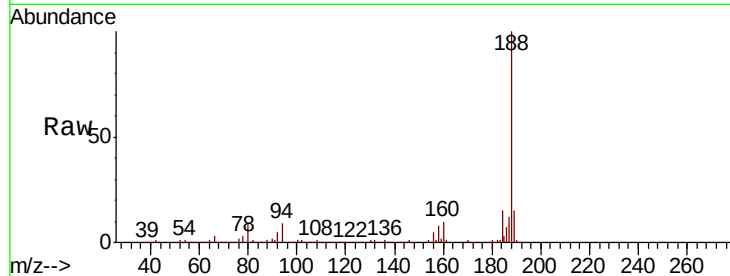




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

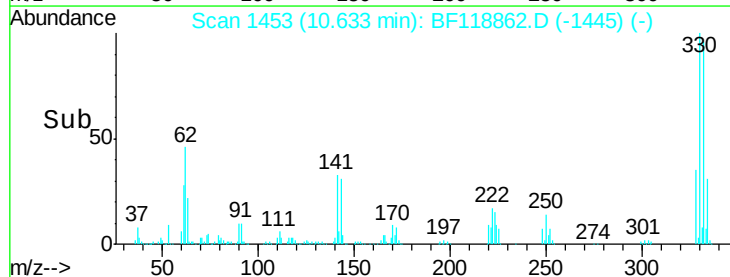
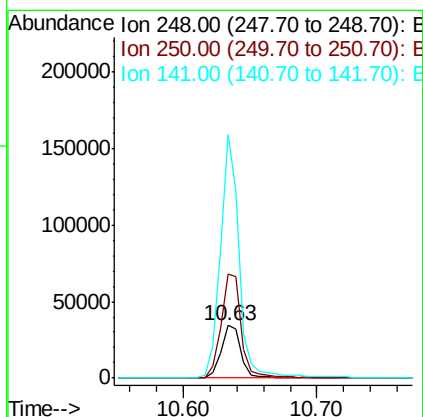
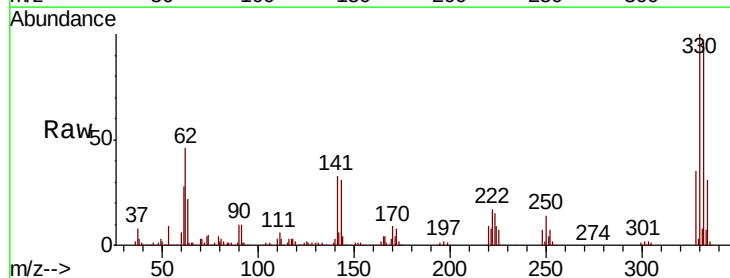
Instrument :
BNA_F
ClientSampleId :

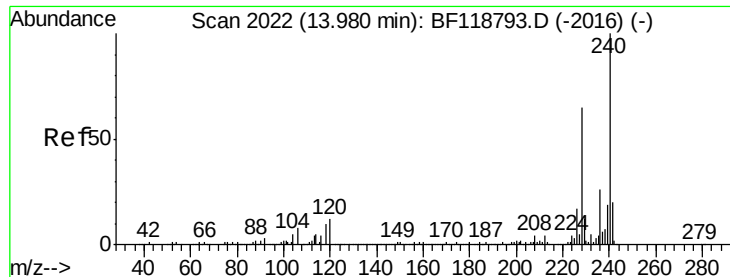
Tot Ion:188 Resp: 650047
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 8.7 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 4.740 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Tgt Ion:248 Resp: 36453
Ion Ratio Lower Upper
248 100
250 197.1 77.6 116.4#
141 461.2 54.4 81.6#

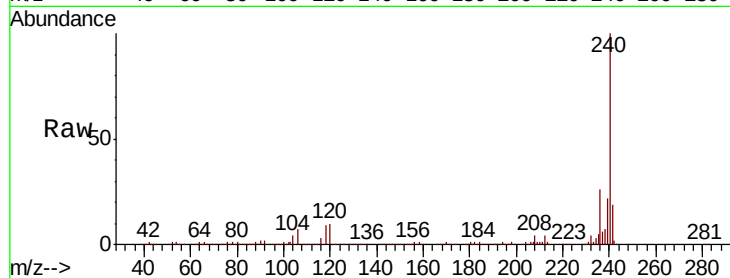




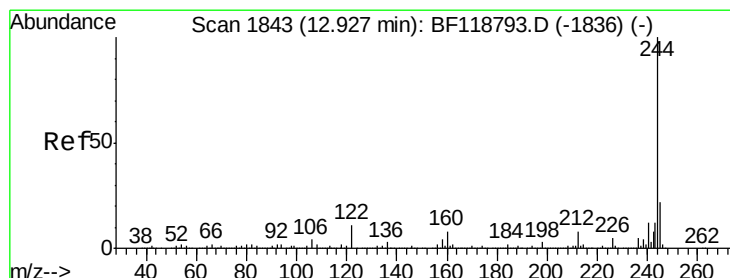
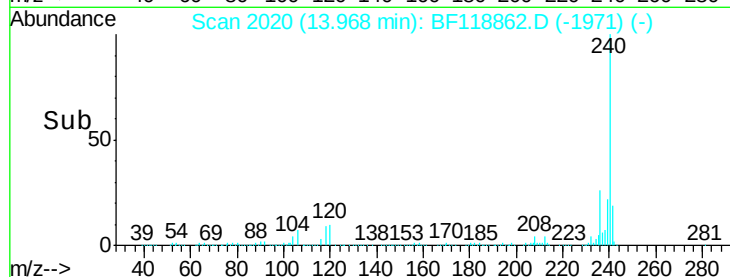
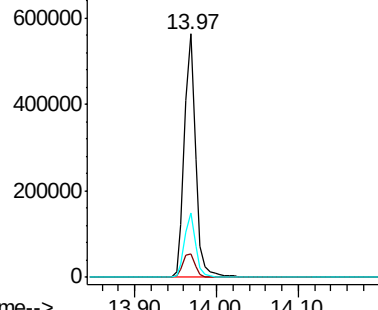
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 541248
Ion Ratio Lower Upper
240 100
120 9.8 9.4 14.0
236 26.3 21.0 31.6

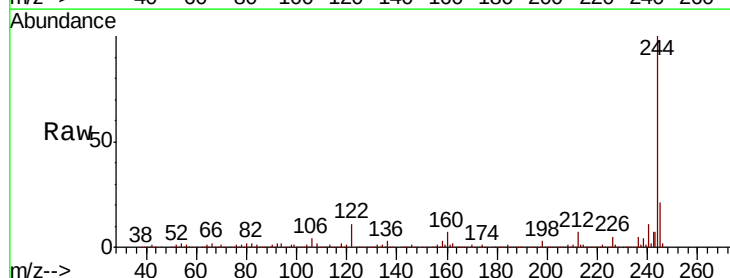


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

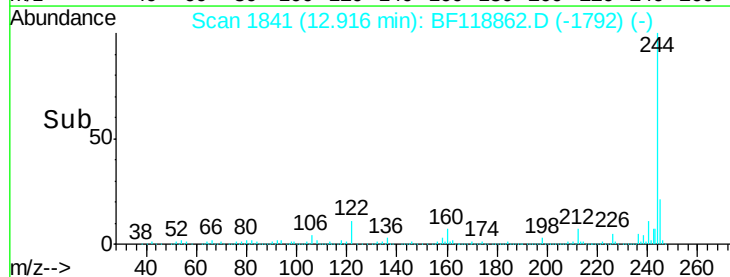
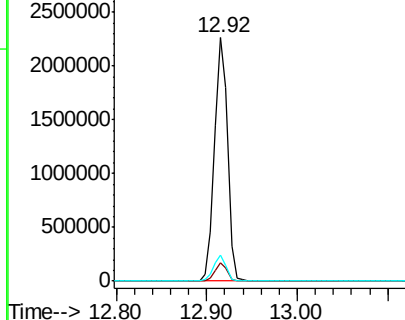


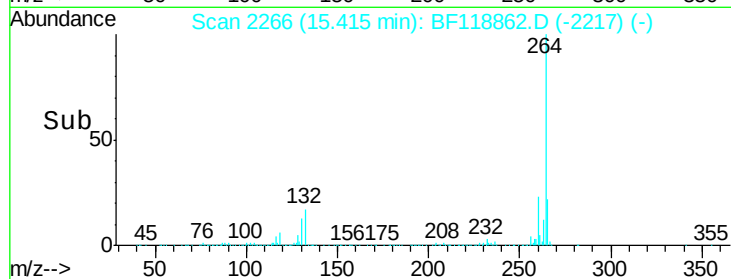
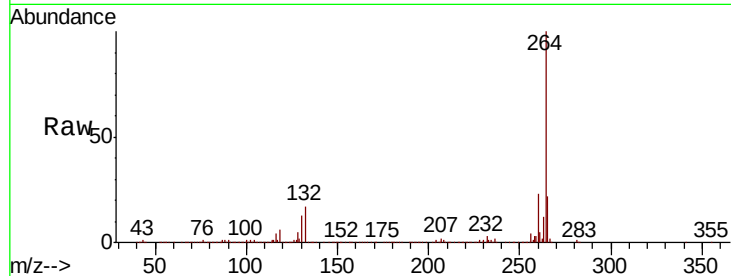
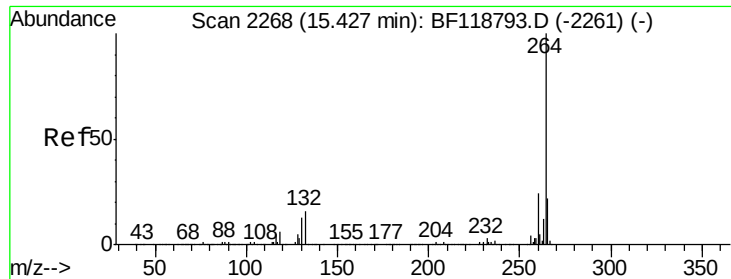
#79
Terphenyl-d14
Concen: 86.319 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Tgt Ion:244 Resp: 2274539
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 10.7 8.9 13.3



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: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF118862.D
Acq: 7 Feb 2020 20:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.8	17.2	25.8

