

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118875.D
 Acq On : 10 Feb 2020 18:15
 Operator : CG/JU
 Sample : L1473-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Feb 11 00:16:46 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

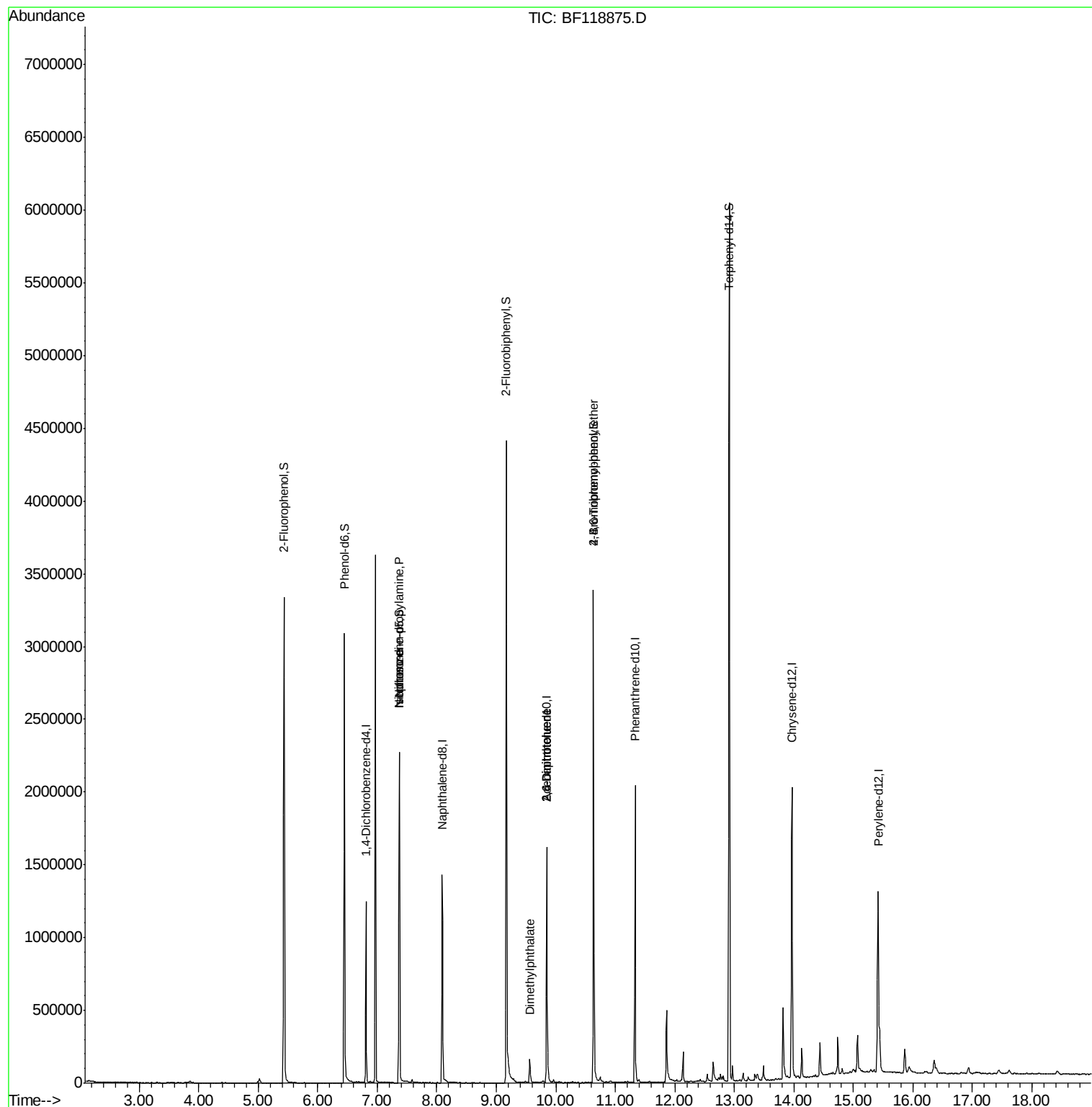
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	187147	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	699018	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	406218	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	821917	20.00	ng	0.00
76) Chrysene-d12	13.97	240	747584	20.00	ng	-0.01
87) Perylene-d12	15.42	264	686472	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1022089	103.38	ng	0.00
7) Phenol-d6	6.45	99	1209757	98.57	ng	0.00
23) Nitrobenzene-d5	7.37	82	782859	66.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	501055	103.09	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1579401	69.51	ng	-0.01
79) Terphenyl-d14	12.92	244	2143954	58.91	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	1857	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	106319	14.159 ng	#	76
25) Isophorone	7.37	82	782852	37.143 ng	#	63
50) Dimethylphthalate	9.56	163	77951	2.818 ng		99
51) 2,6-Dinitrotoluene	9.85	165	50088	7.914 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	50529	6.033 ng	#	34
67) 4-Bromophenyl-phenylether	10.63	248	33118	3.406 ng	#	1

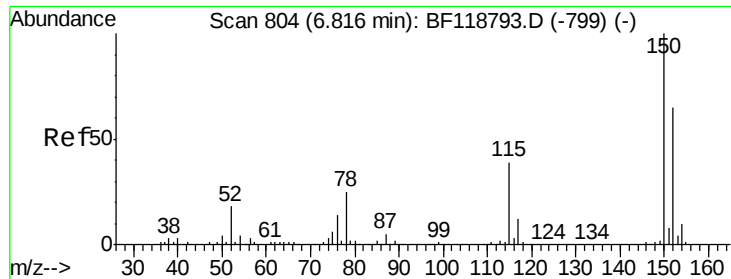
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 11 00:16:46 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

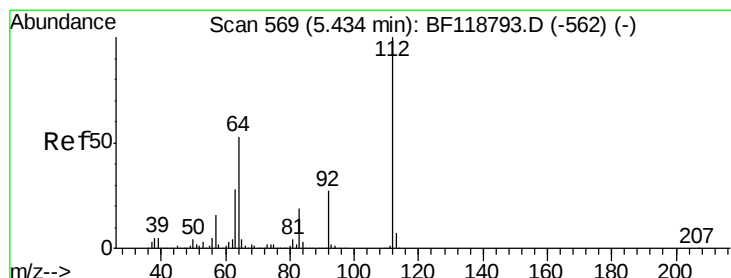
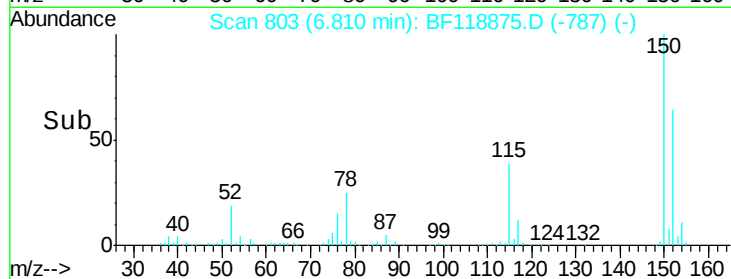
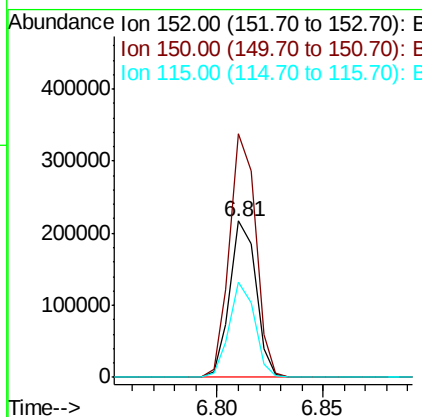
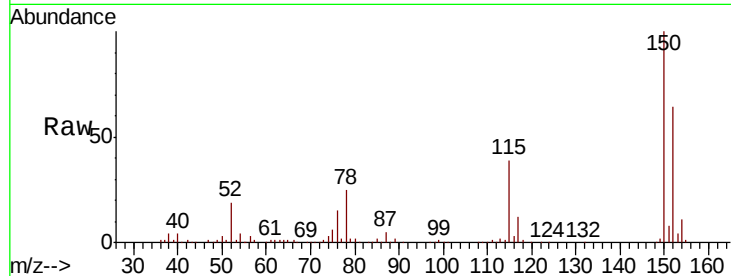




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118875.D
 Acq: 10 Feb 2020 18:15

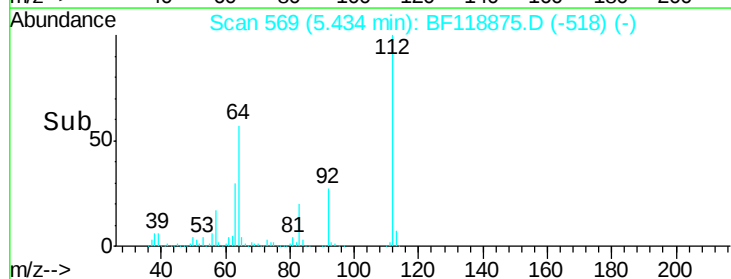
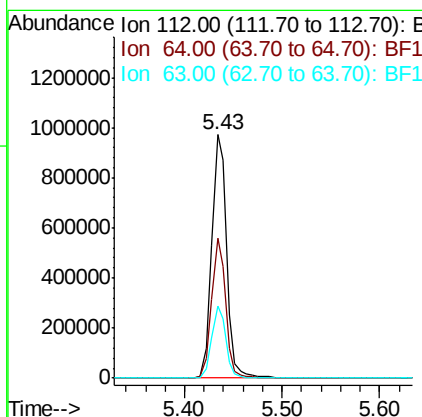
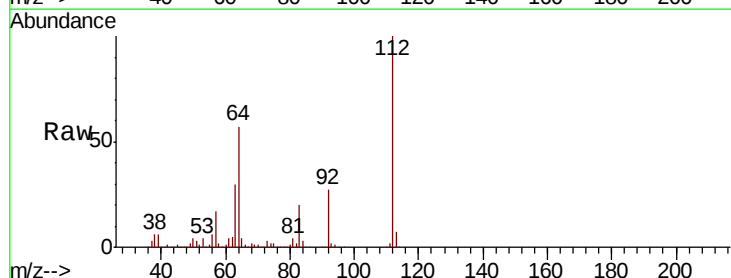
Instrument :
 BNA_F
 ClientSampleId :
 P-1

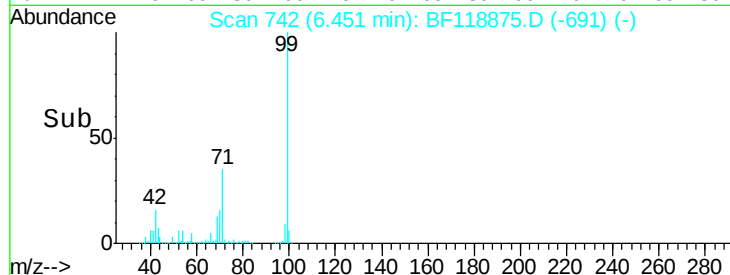
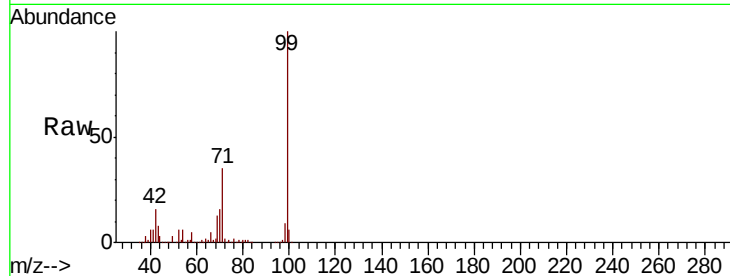
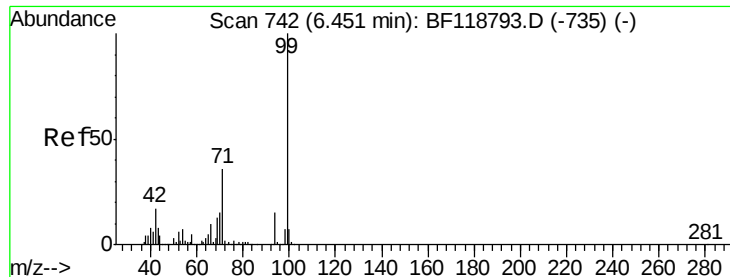
Tot Ion:152 Resp: 187147
 Ion Ratio Lower Upper
 152 100
 150 155.6 123.6 185.4
 115 60.9 48.2 72.2



#5
 2-Fluorophenol
 Concen: 103.381 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF118875.D
 Acq: 10 Feb 2020 18:15

Tgt Ion:112 Resp: 1022089
 Ion Ratio Lower Upper
 112 100
 64 57.3 42.6 63.8
 63 29.8 22.2 33.4





#7

Phenol-d6

Concen: 98.572 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

Instrument :

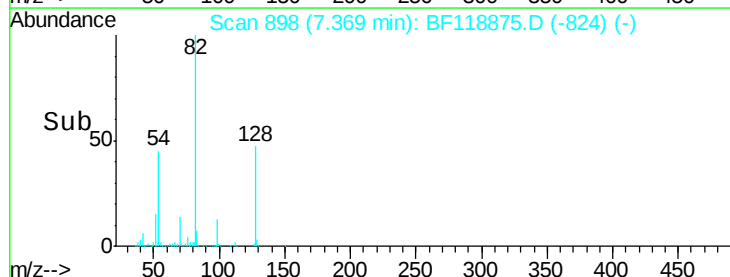
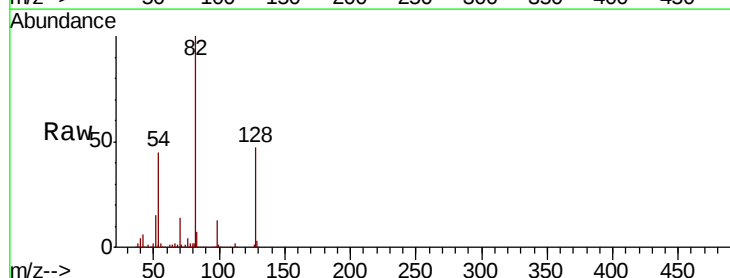
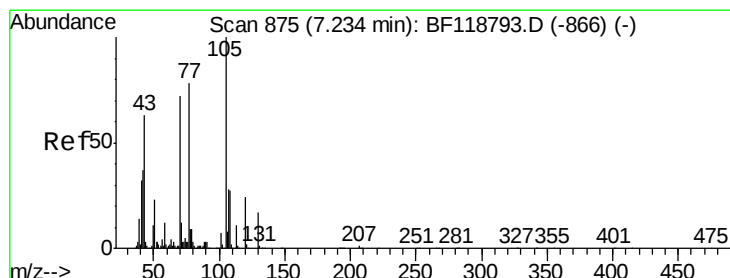
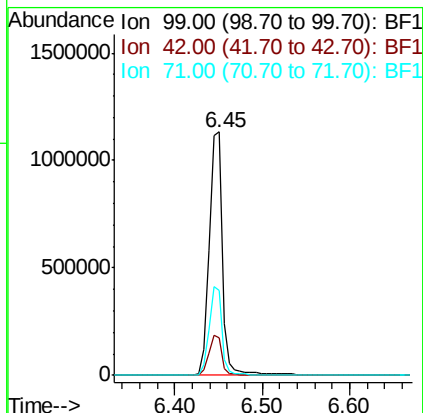
BNA_F

ClientSampleId :

P-1

Tot Ion: 99 Resp: 1209757

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.4	20.0
71	35.0	29.0	43.6



#19

n-Nitroso-di-n-propylamine

Concen: 14.159 ng

RT: 7.37 min Scan# 898

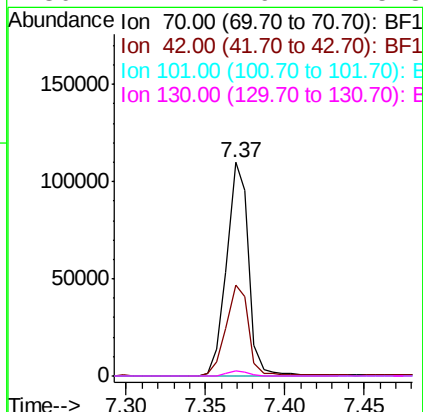
Delta R.T. 0.14 min

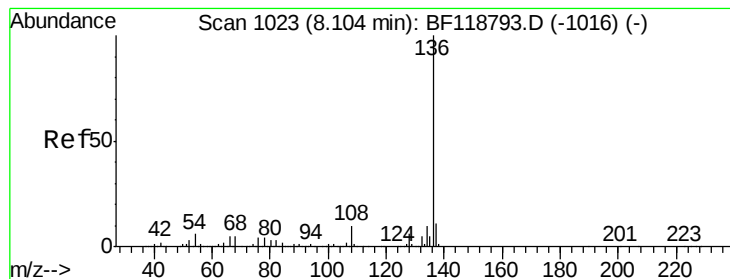
Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

Tgt Ion: 70 Resp: 106319

Ion	Ratio	Lower	Upper
70	100		
42	42.4	41.5	62.3
101	0.0	8.3	12.5#
130	2.2	19.2	28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

Instrument :

BNA_F

ClientSampled :

P-1

Tot Ion:136 Resp: 699018

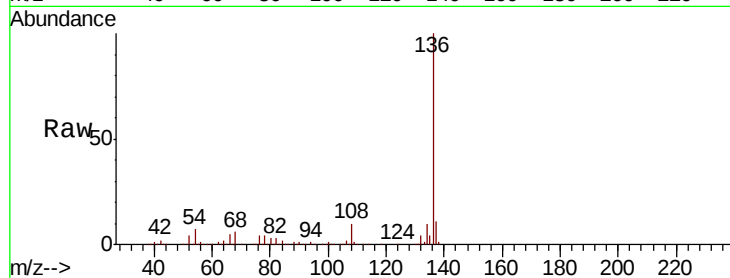
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.7 5.0 7.6

68 5.8 4.2 6.4

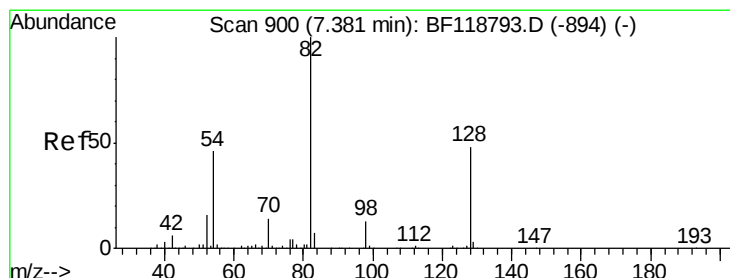
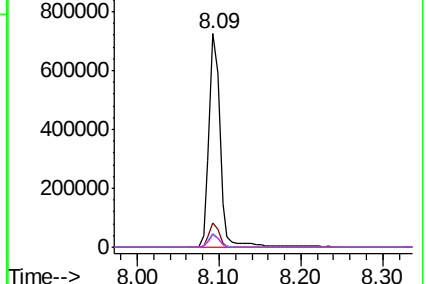
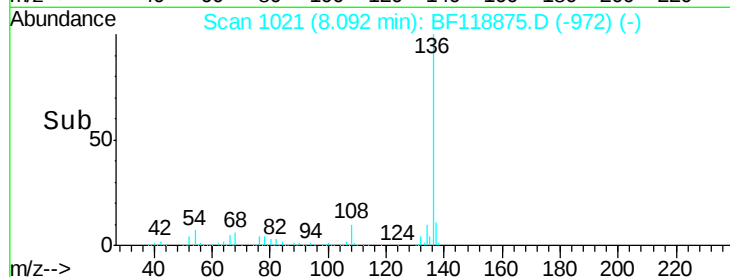


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.754 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

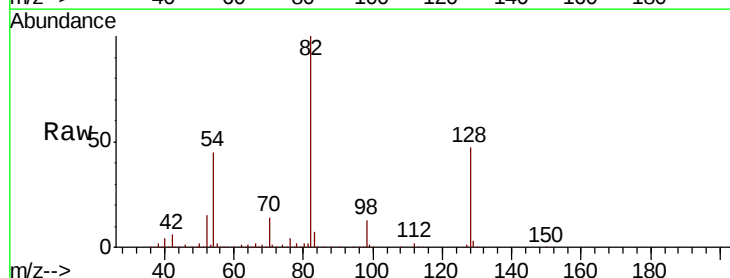
Tgt Ion: 82 Resp: 782859

Ion Ratio Lower Upper

82 100

128 46.8 38.5 57.7

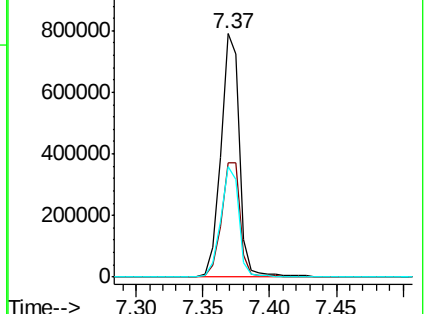
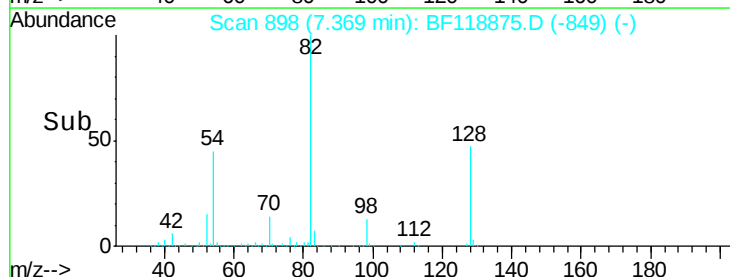
54 45.4 36.7 55.1

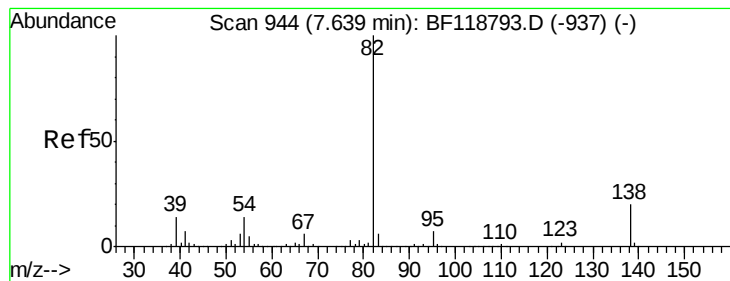


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.143 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

Instrument :

BNA_F

ClientSampleId :

P-1

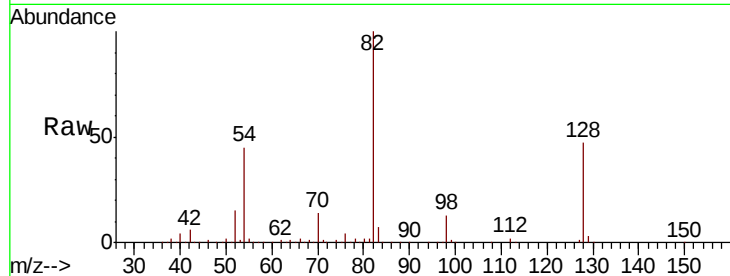
Tot Ion: 82 Resp: 782852

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 15.7 23.5#

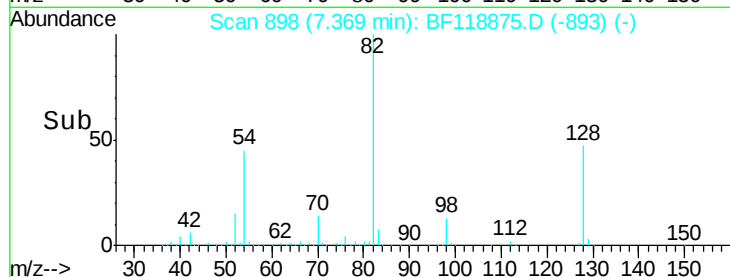


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



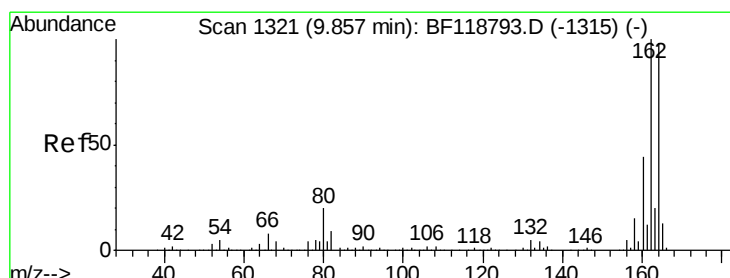
Abundance

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

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

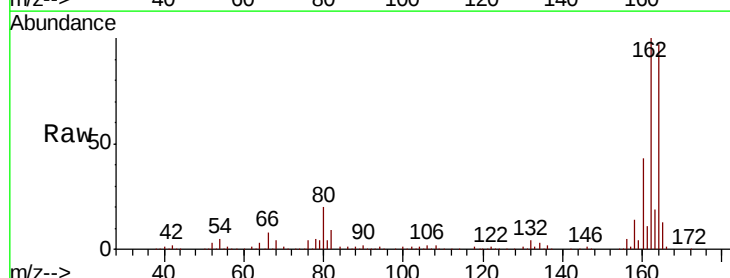
Tgt Ion:164 Resp: 406218

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.2

160 44.5 35.6 53.4

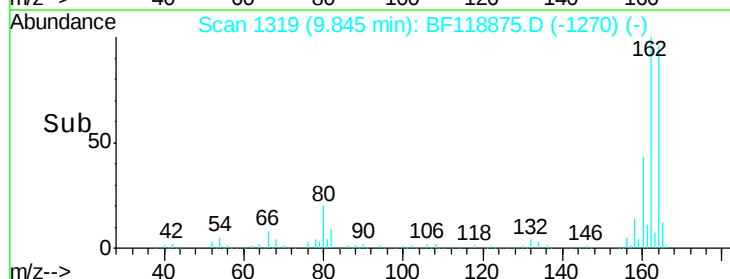


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



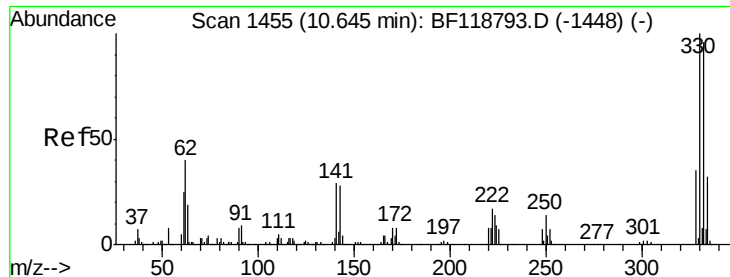
Abundance

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

Time-->



#42

2,4,6-Tribromophenol

Concen: 103.087 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

Instrument :

BNA_F

ClientSampleId :

P-1

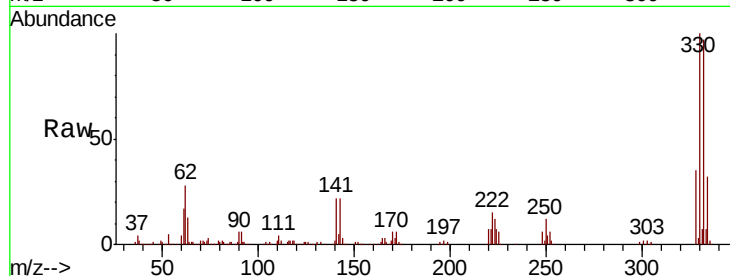
Tot Ion:330 Resp: 501055

Ion Ratio Lower Upper

330 100

332 96.7 77.3 115.9

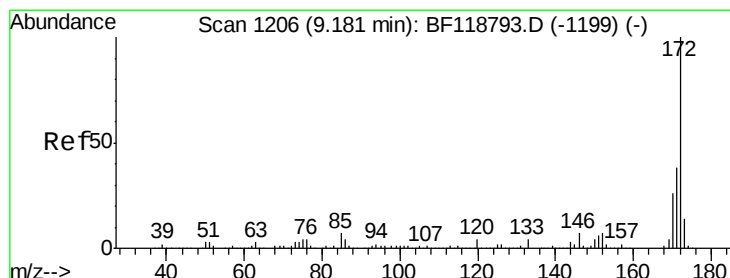
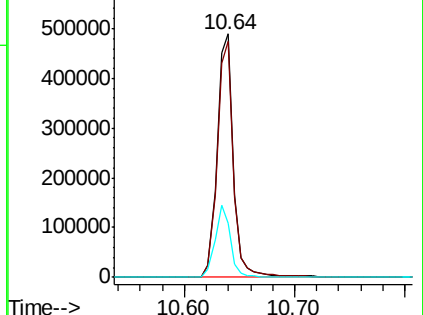
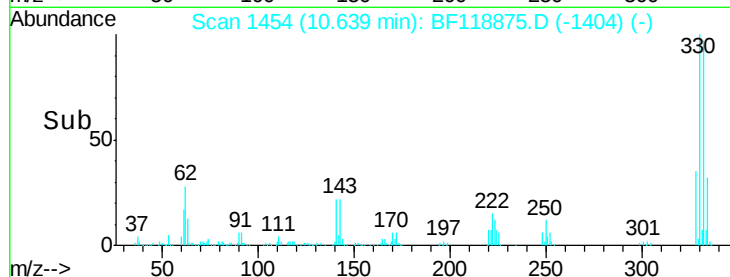
141 28.2 22.4 33.6



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: 69.507 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF118875.D

Acq: 10 Feb 2020 18:15

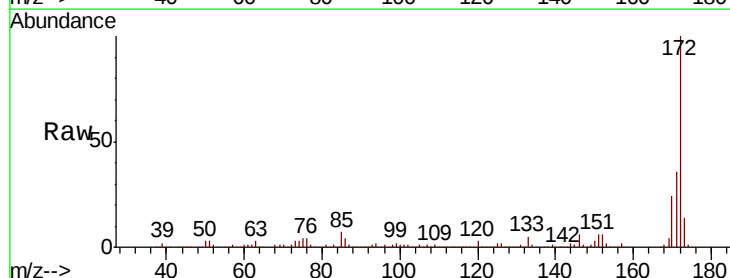
Tgt Ion:172 Resp: 1579401

Ion Ratio Lower Upper

172 100

171 36.2 30.8 46.2

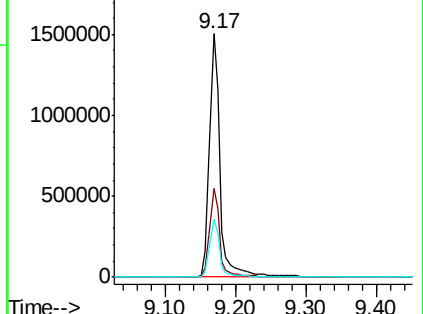
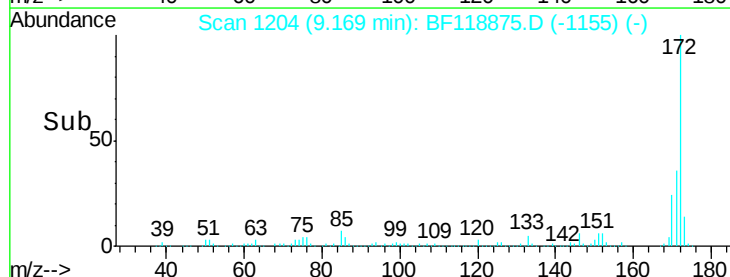
170 24.0 20.5 30.7

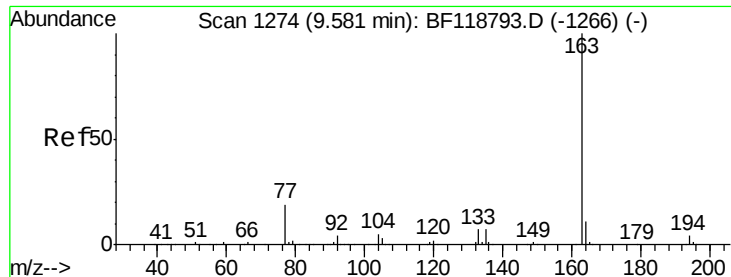


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

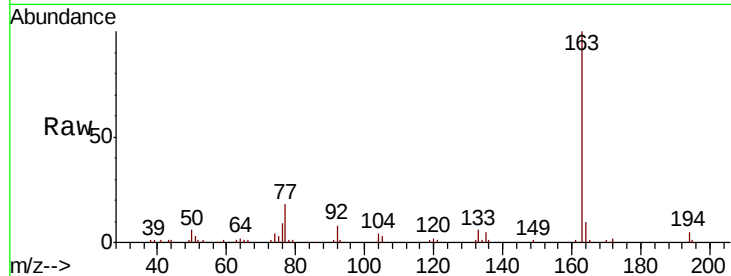




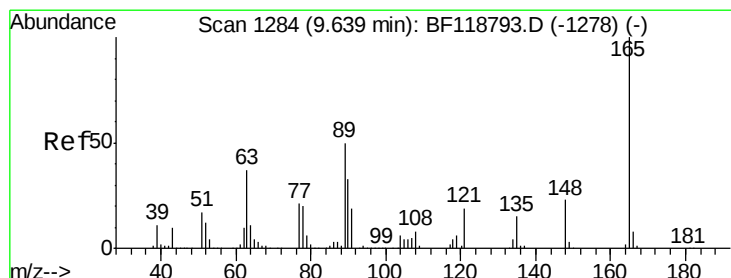
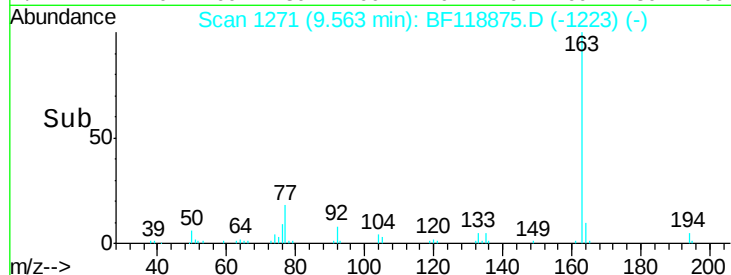
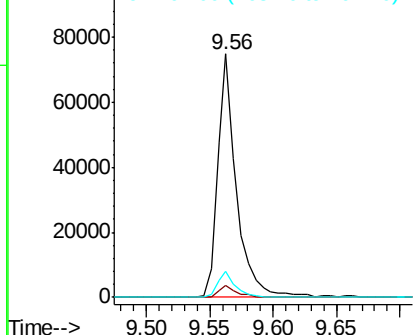
#50
Dimethylphthalate
Concen: 2.818 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118875.D
Acq: 10 Feb 2020 18:15

Instrument :
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P-1

Tot Ion:163 Resp: 77951
Ion Ratio Lower Upper
163 100
194 4.7 3.6 5.4
164 10.5 8.7 13.1

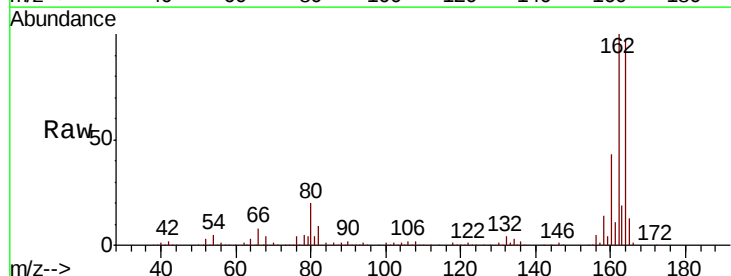


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

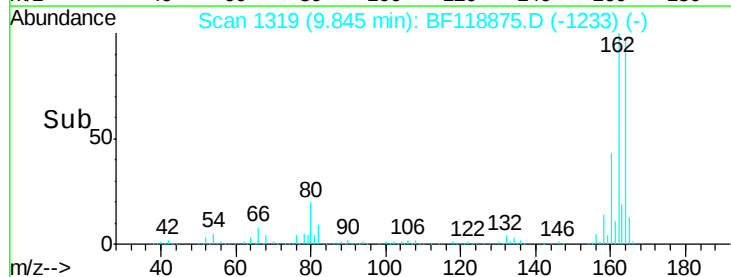
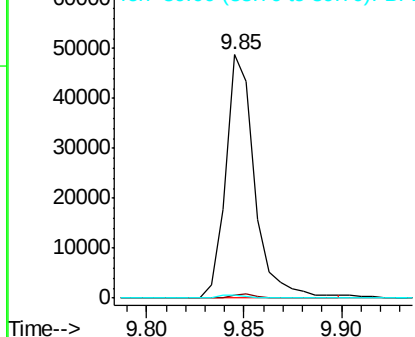


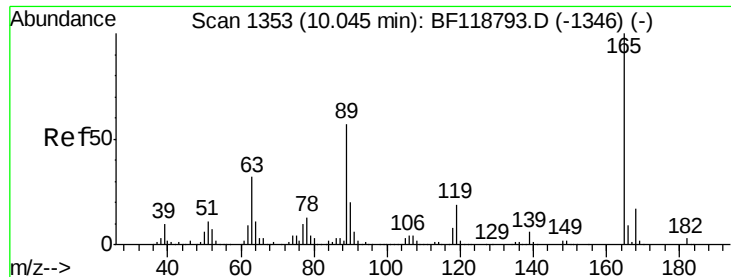
#51
2,6-Dinitrotoluene
Concen: 7.914 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF118875.D
Acq: 10 Feb 2020 18:15

Tgt Ion:165 Resp: 50088
Ion Ratio Lower Upper
165 100
63 1.2 37.4 56.0#
89 1.2 39.7 59.5#



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

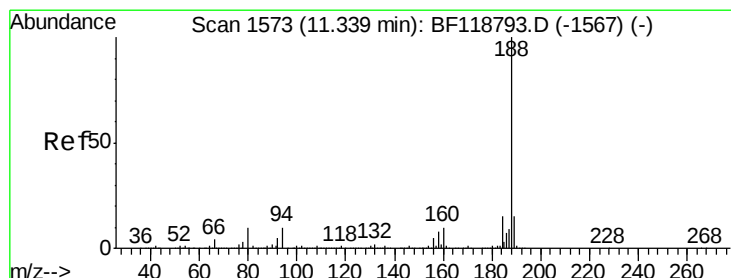
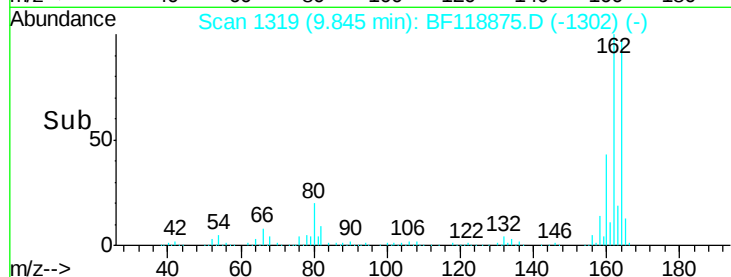
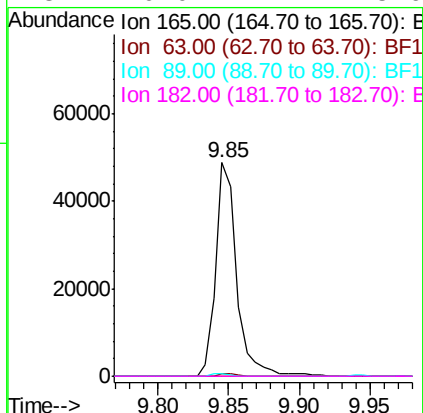
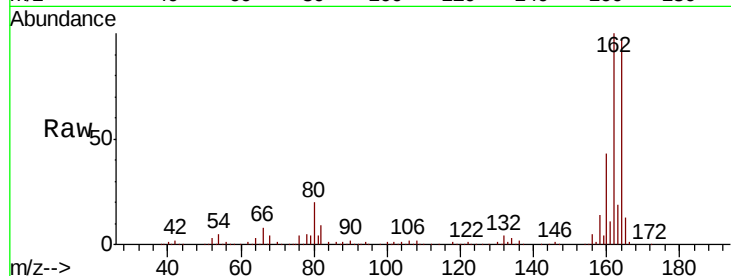




#57
2,4-Dinitrotoluene
Concen: 6.033 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF118875.D
Acq: 10 Feb 2020 18:15

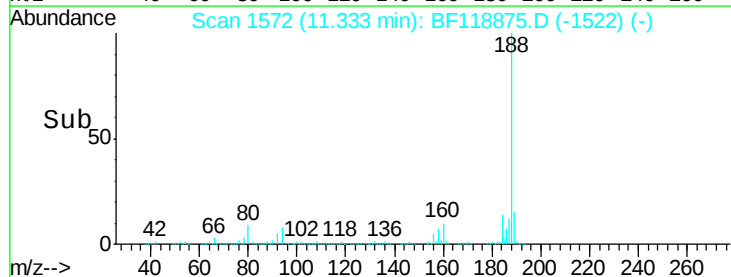
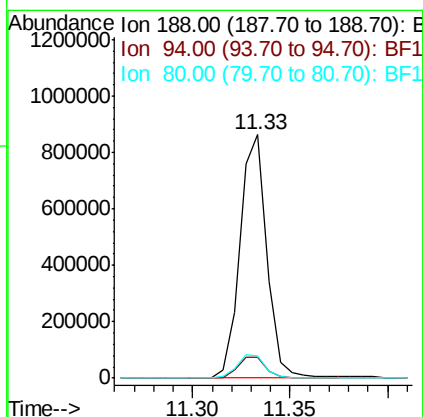
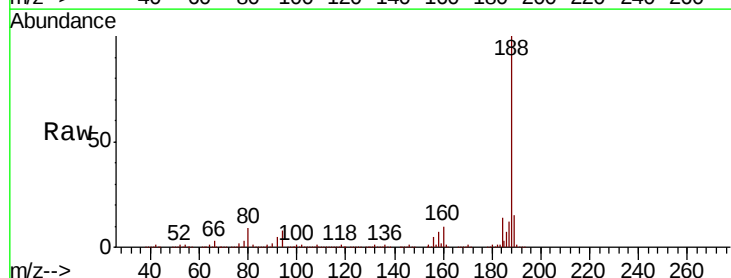
Instrument :
BNA_F
ClientSampleId :
P-1

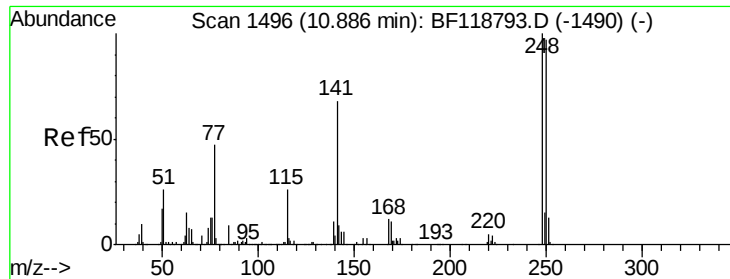
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.5	38.3#
89	1.2	45.4	68.0#
182	0.0	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118875.D
Acq: 10 Feb 2020 18:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.9	11.9
80	9.2	8.4	12.6

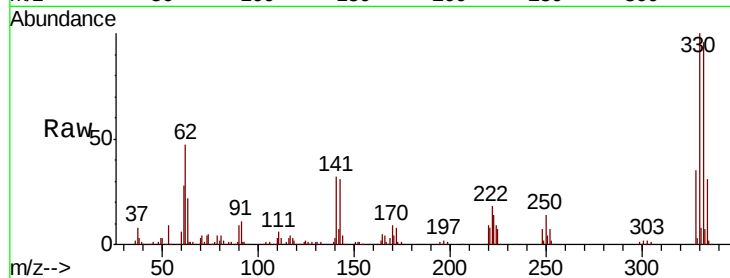




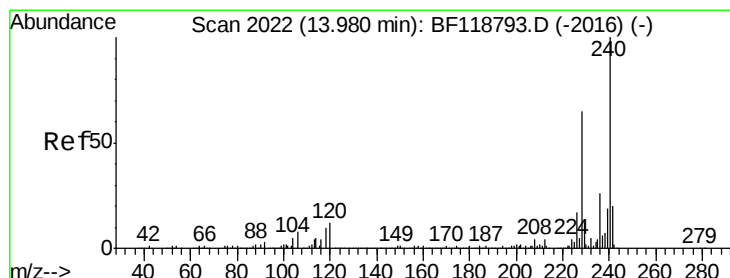
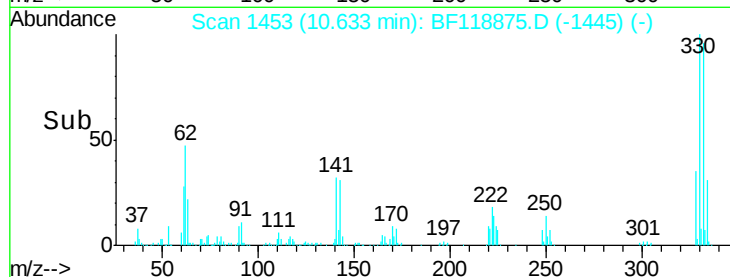
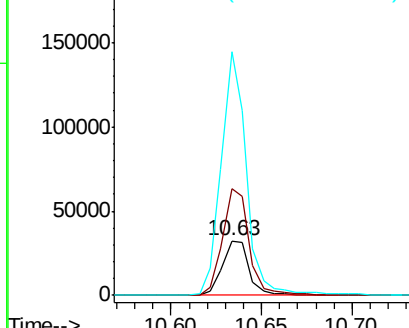
#67
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF118875.D
Acq: 10 Feb 2020 18:15

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:248 Resp: 33118
Ion Ratio Lower Upper
248 100
250 194.5 77.6 116.4#
141 444.8 54.4 81.6#

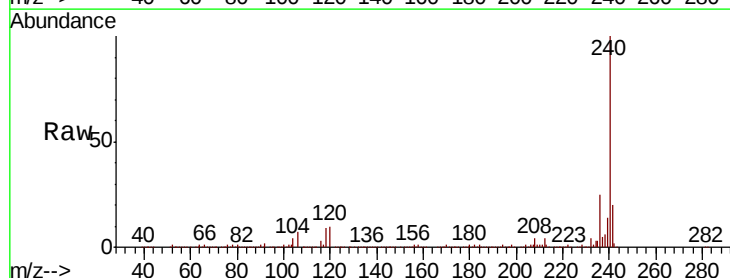


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

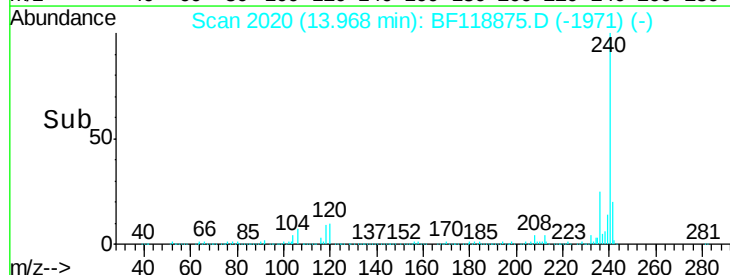
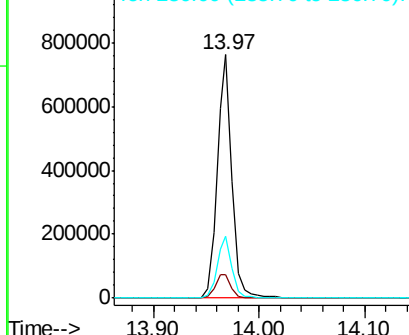


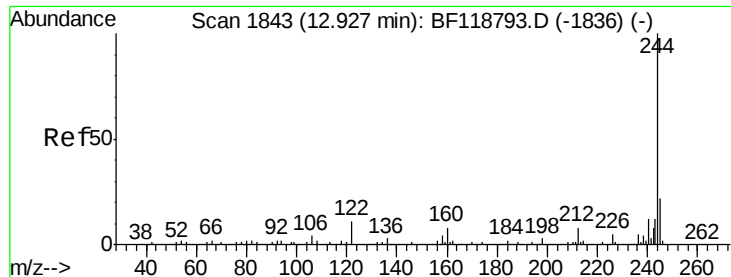
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118875.D
Acq: 10 Feb 2020 18:15

Tgt Ion:240 Resp: 747584
Ion Ratio Lower Upper
240 100
120 9.6 9.4 14.0
236 25.4 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

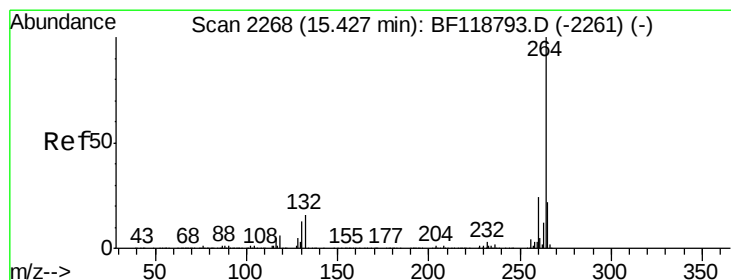
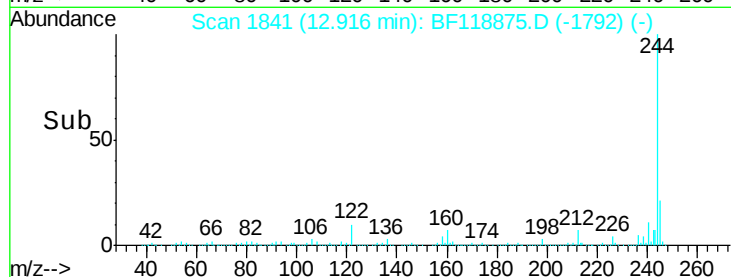
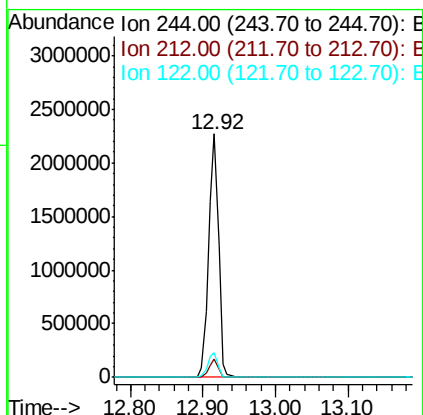
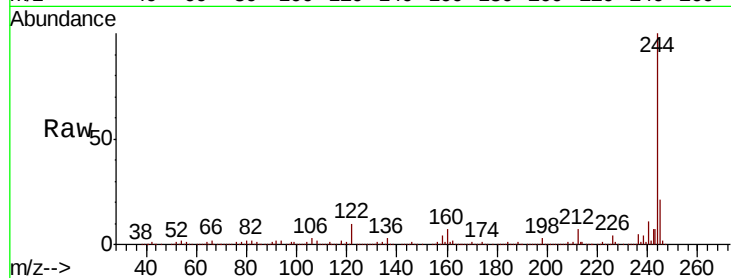




#79
 Terphenyl-d14
 Concen: 58.907 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF118875.D
 Acq: 10 Feb 2020 18:15

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:244 Resp: 2143954
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.4 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF118875.D
 Acq: 10 Feb 2020 18:15

Tgt Ion:264 Resp: 686472
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.7 17.2 25.8

