

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121006.D
 Acq On : 24 Jul 2020 16:47
 Operator : JU/CG
 Sample : L3381-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 17:11:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

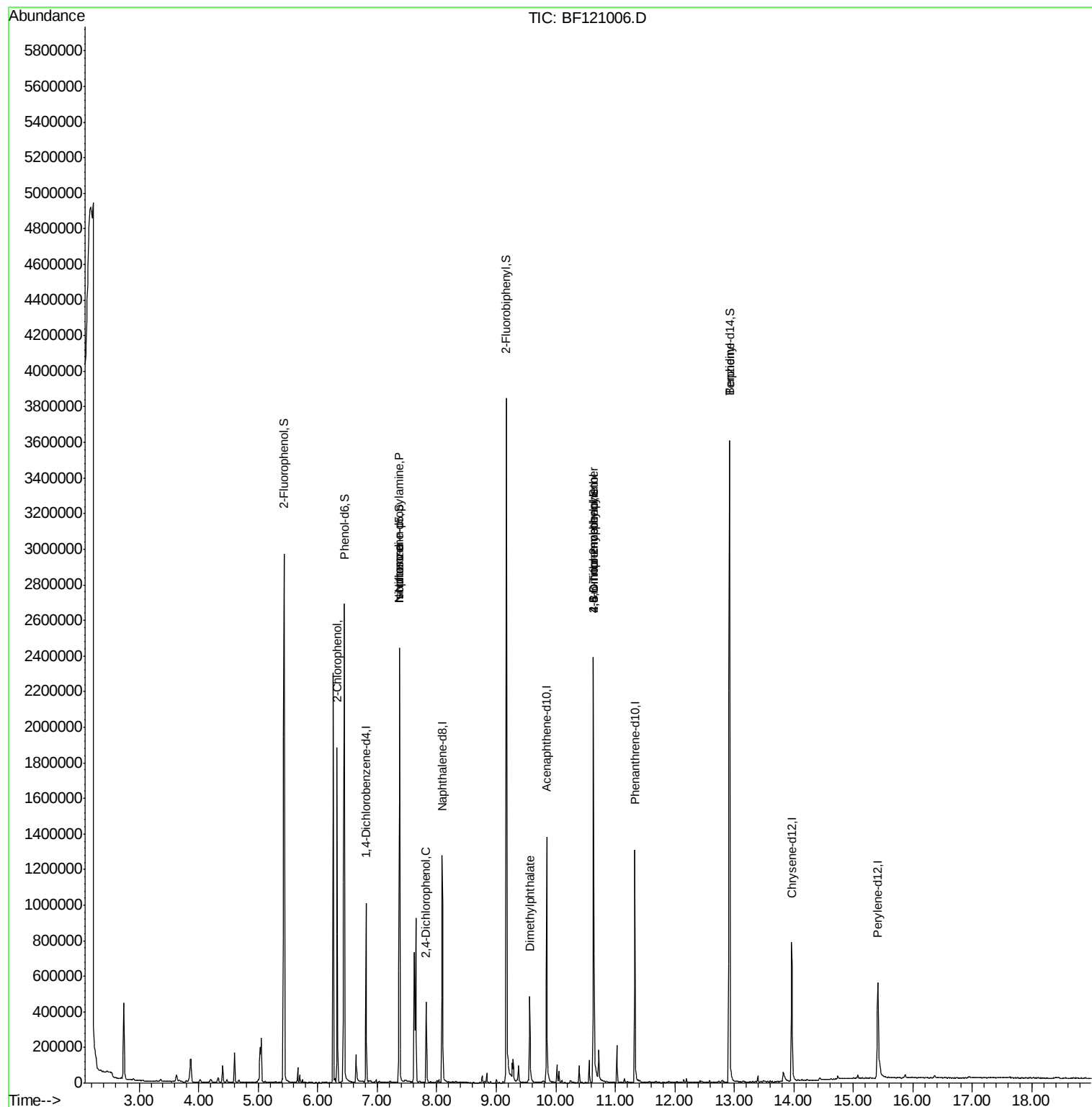
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	152629	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	554125	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	289646	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	517115	20.00	ng	0.00
76) Chrysene-d12	13.96	240	320801	20.00	ng	-0.01
86) Perylene-d12	15.41	264	349253	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	999270	107.33	ng	0.01
7) Phenol-d6	6.45	99	1055449	87.76	ng	0.00
23) Nitrobenzene-d5	7.37	82	852847	89.06	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	398294	125.63	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1534211	79.08	ng	0.00
79) Terphenyl-d14	12.92	244	1387819	94.04	ng	0.00
Target Compounds						
8) 2-Chlorophenol	6.33	128	64651	6.303	ng	# 54
9) Benzaldehyde	6.36	77	303	Below Cal		# 38
19) n-Nitroso-di-n-propylamine	7.37	70	112188	16.405	ng	# 79
25) Isophorone	7.37	82	852840	44.622	ng	# 63
29) 2,4-Dichlorophenol	7.82	162	23730	2.918	ng	# 41
50) Dimethylphthalate	9.56	163	207325	9.922	ng	100
65) 4,6-Dinitro-2-methylphenol	10.64	198	711	4.061	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	22993	3.988	ng	# 1
77) Benzidine	12.92	184	19115	2.266	ng	96

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121006.D
Acq On : 24 Jul 2020 16:47
Operator : JU/CG
Sample : L3381-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 24 17:11:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



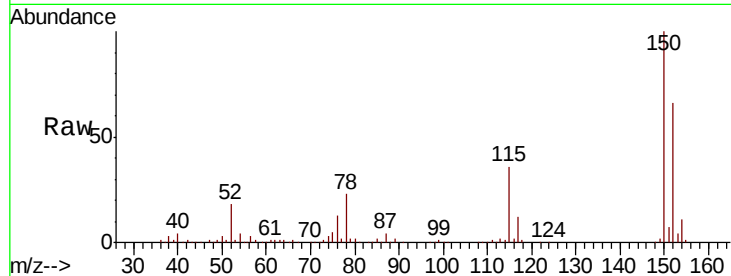


#1

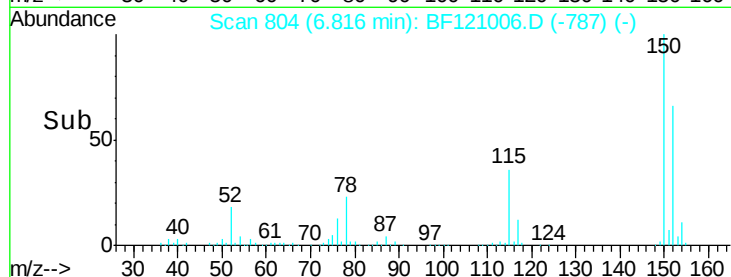
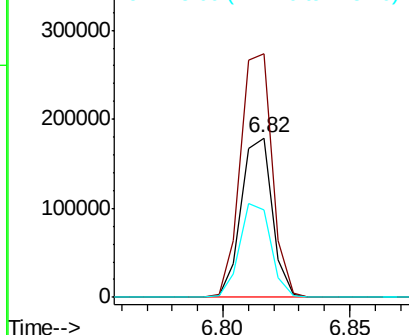
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152629
Ion Ratio Lower Upper
152 100
150 152.5 125.0 187.6
115 54.5 47.0 70.4



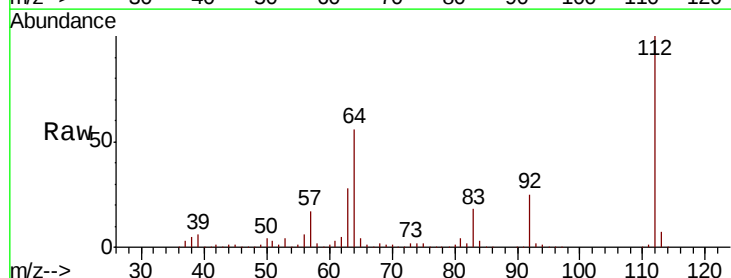
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



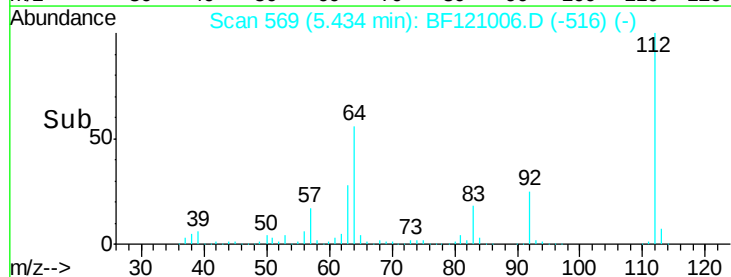
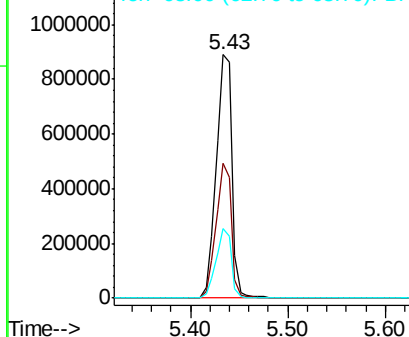
#5

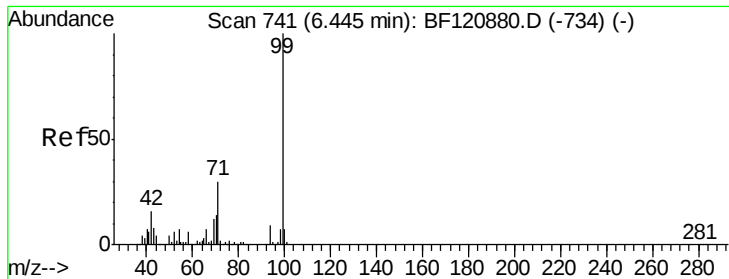
2-Fluorophenol
Concen: 107.330 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Tgt Ion:112 Resp: 999270
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.4 21.1 31.7



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: 87.760 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121006.D

Acq: 24 Jul 2020 16:47

Instrument :

BNA_F

ClientSampleId :

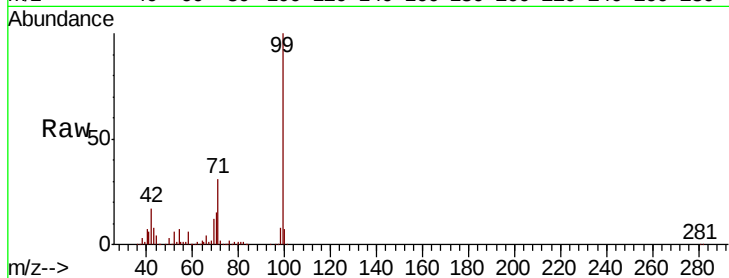
Tot Ion: 99 Resp: 1055449

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

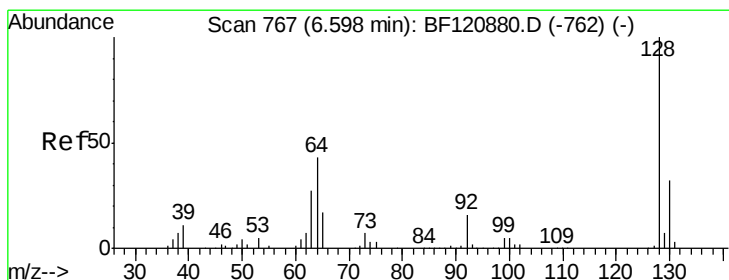
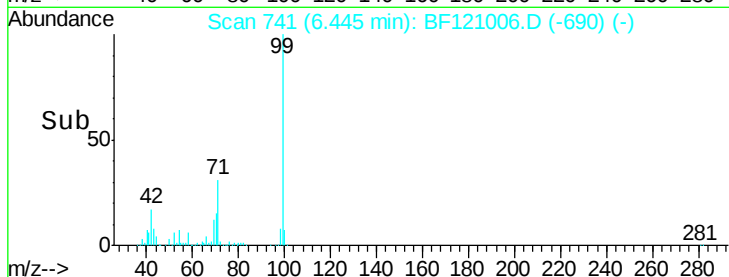
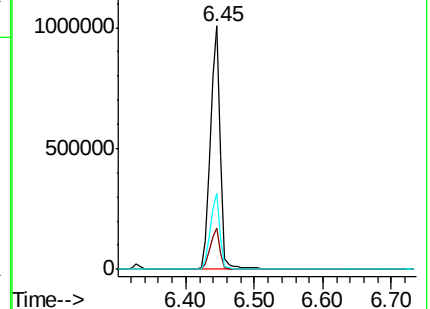
71 31.4 24.2 36.4



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



#8

2-Chlorophenol

Concen: 6.303 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.27 min

Lab File: BF121006.D

Acq: 24 Jul 2020 16:47

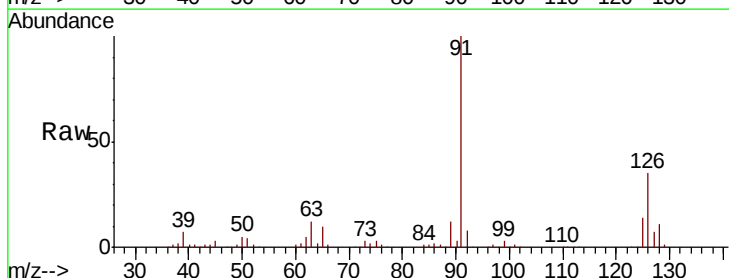
Tgt Ion: 128 Resp: 64651

Ion Ratio Lower Upper

128 100

130 0.0 12.1 52.1#

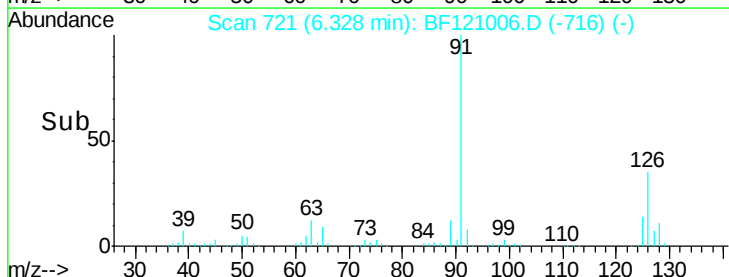
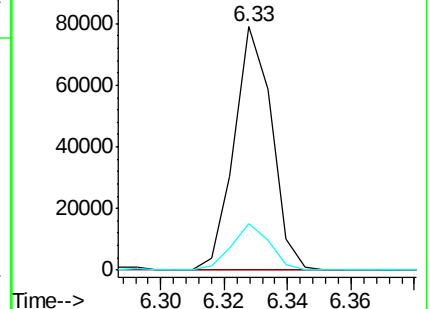
64 19.2 24.0 64.0#

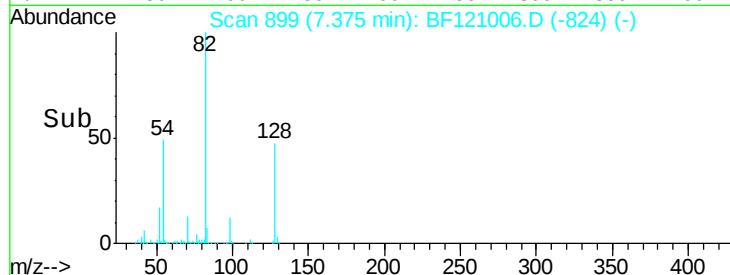
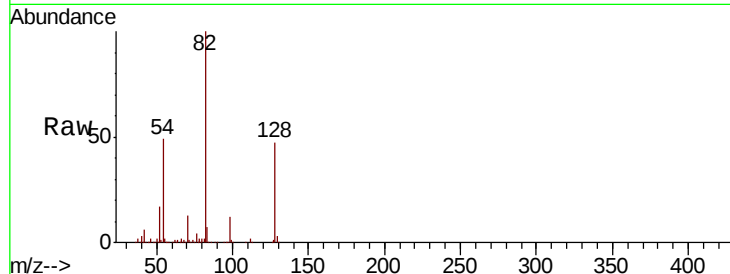
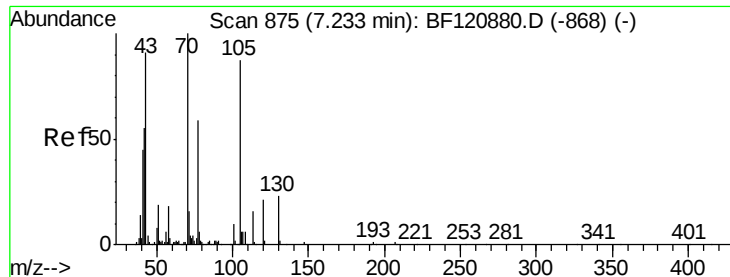


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

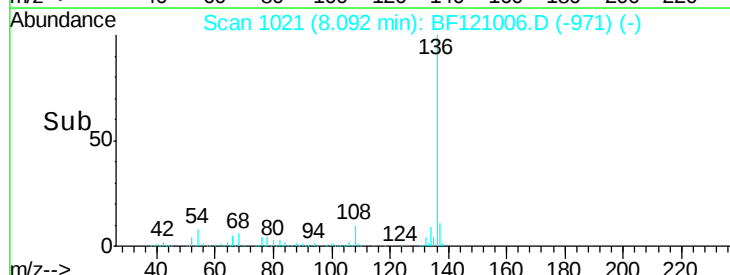
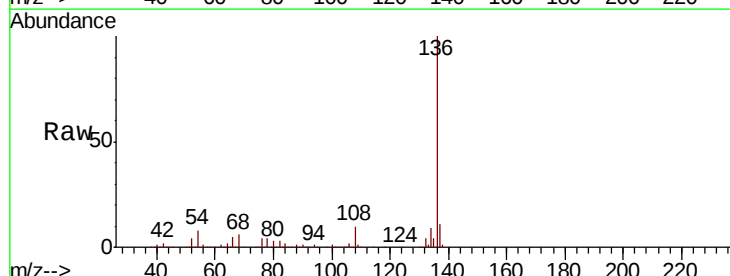
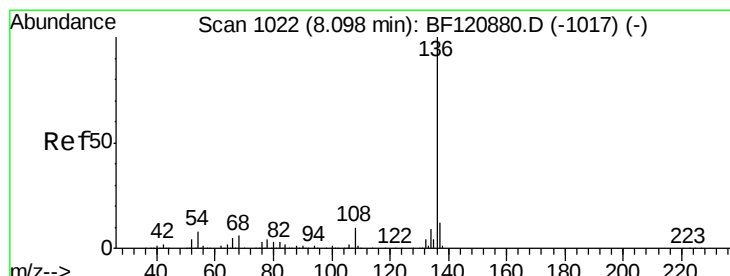
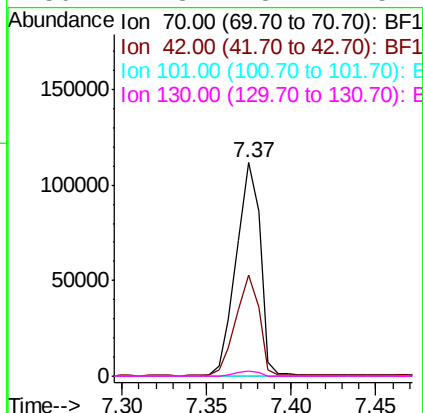




#19
n-Nitroso-di-n-propylamine
Concen: 16.405 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

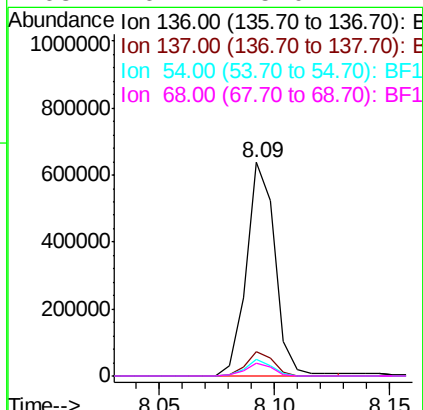
Instrument :
BNA_F
ClientSampleId :

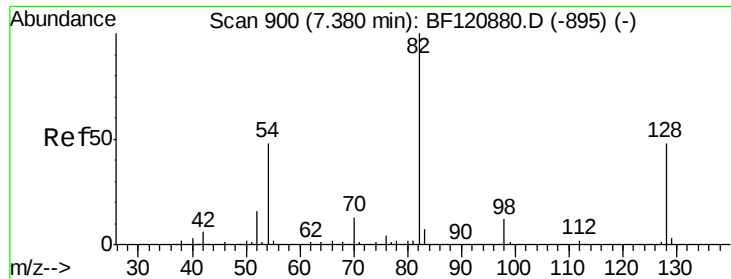
Tot Ion:	70	Resp:	112188
Ion	Ratio	Lower	Upper
70	100		
42	47.6	44.0	66.0
101	0.0	7.8	11.6#
130	2.3	18.7	28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Tgt Ion:	136	Resp:	554125
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	8.0	6.3	9.5
68	6.2	5.0	7.4

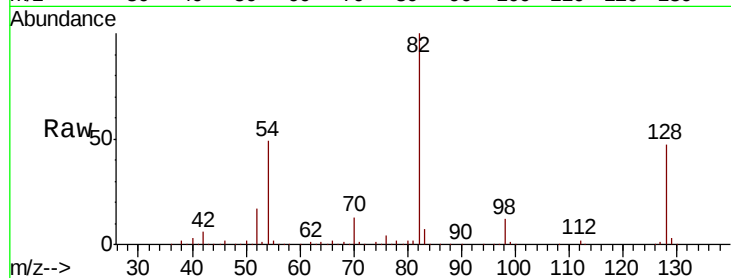




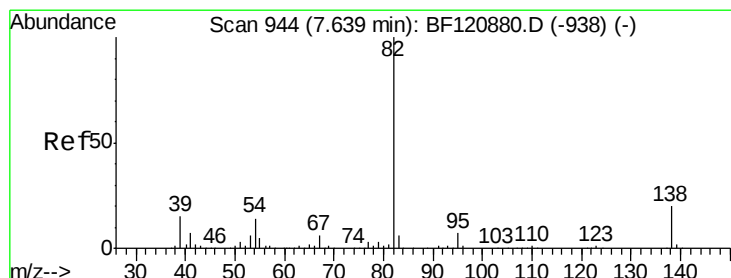
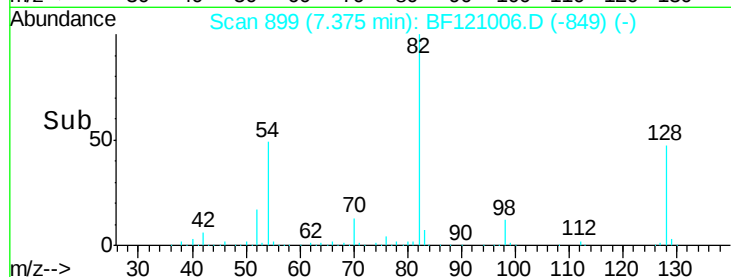
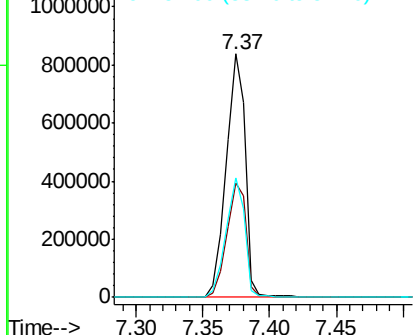
#23
Nitrobenzene-d5
Concen: 89.056 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	852847
Ion Ratio	100	Lower	Upper
128	47.1	38.2	57.4
54	49.2	38.7	58.1

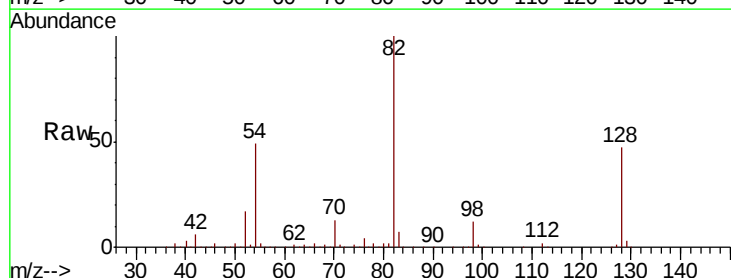


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

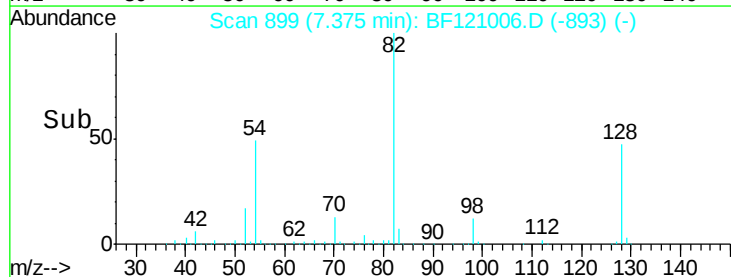
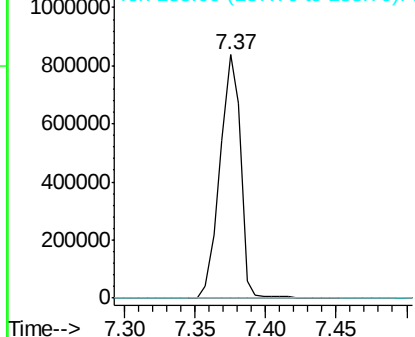


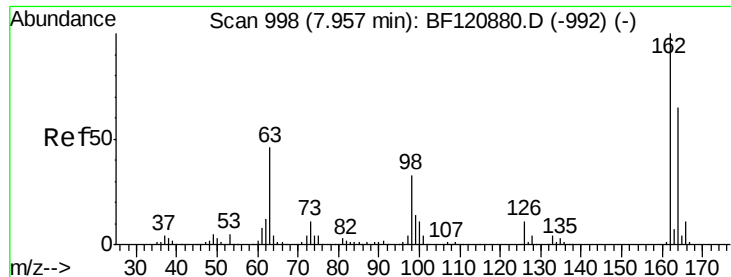
#25
Isophorone
Concen: 44.622 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Tgt Ion	82	Resp	852840
Ion Ratio	100	Lower	Upper
95	0.0	5.5	8.3#
138	0.0	15.6	23.4#



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

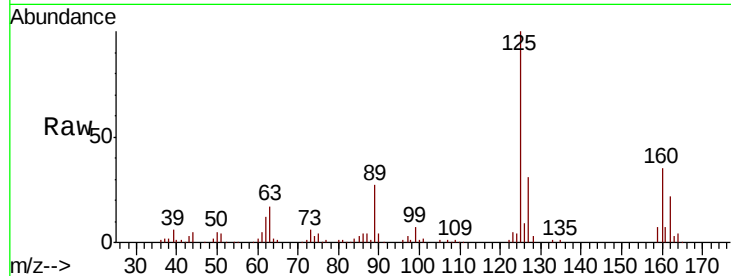




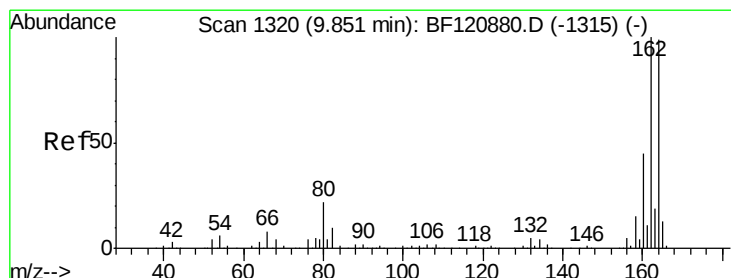
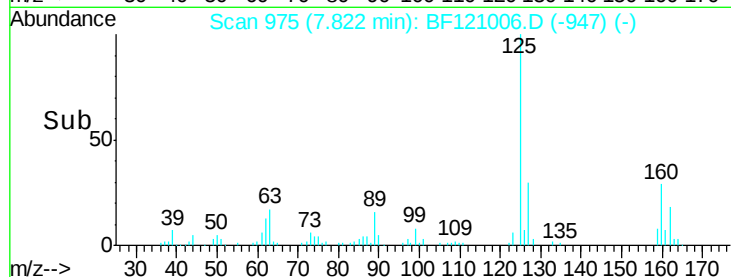
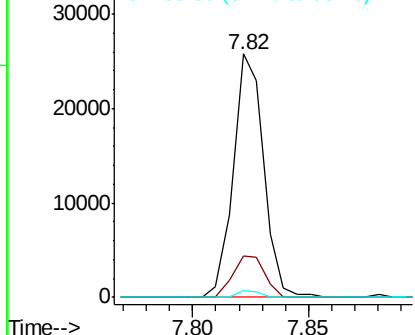
#29
2,4-Dichlorophenol
Concen: 2.918 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.14 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	16.9	45.3	85.3#
98	3.0	13.3	53.3#

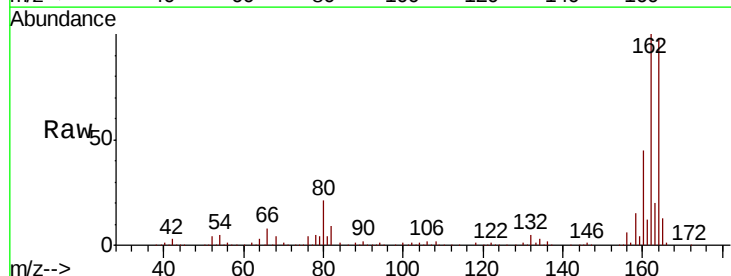


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

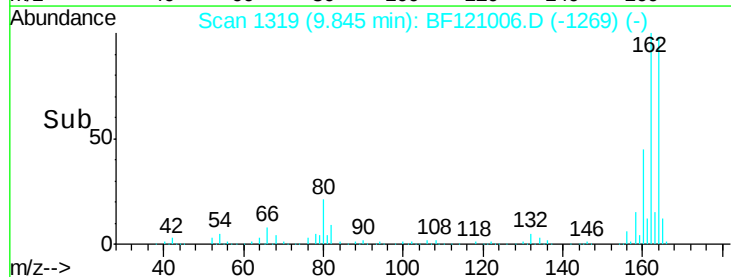
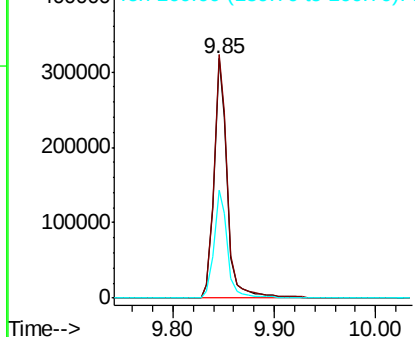


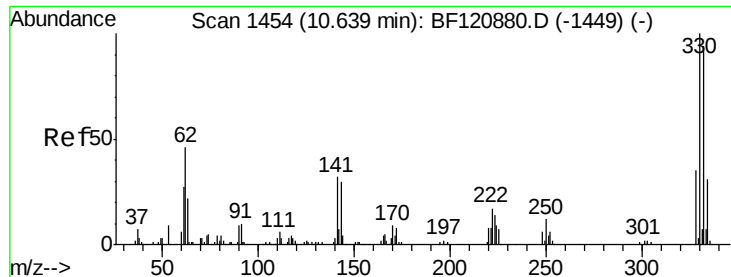
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	45.3	36.9	55.3



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

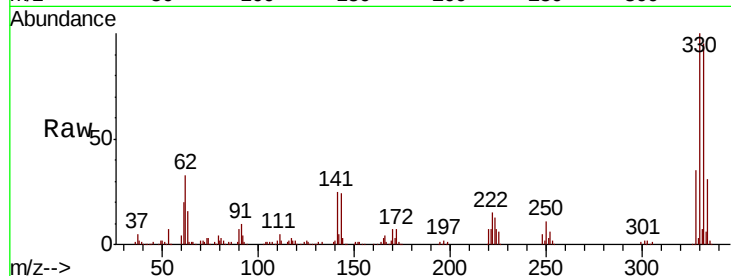




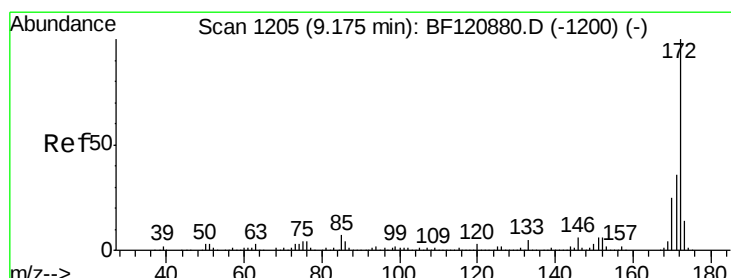
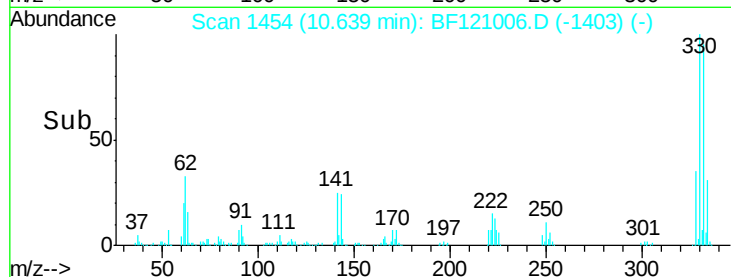
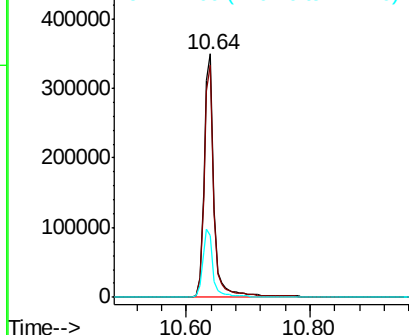
#42
 2,4,6-Tribromophenol
 Concen: 125.626 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121006.D
 Acq: 24 Jul 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.5	113.3
141	30.5	25.7	38.5

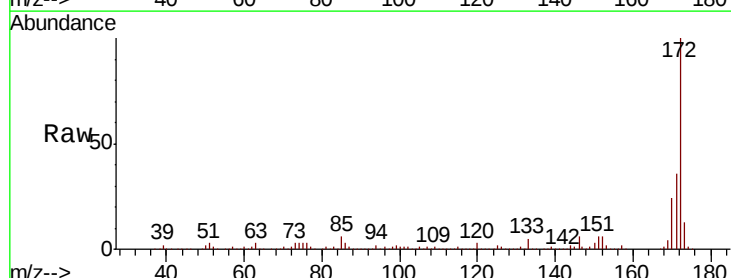


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

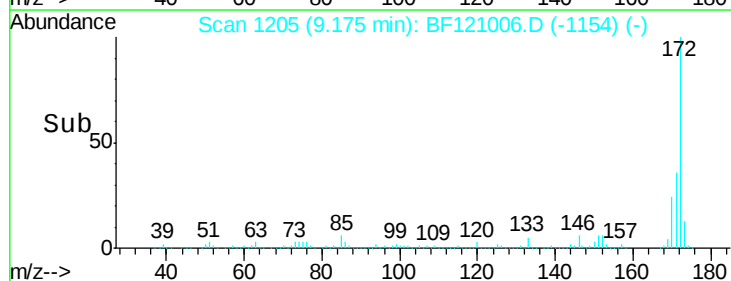
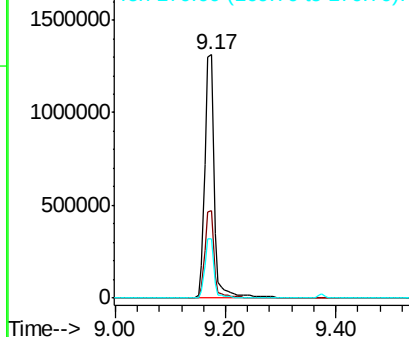


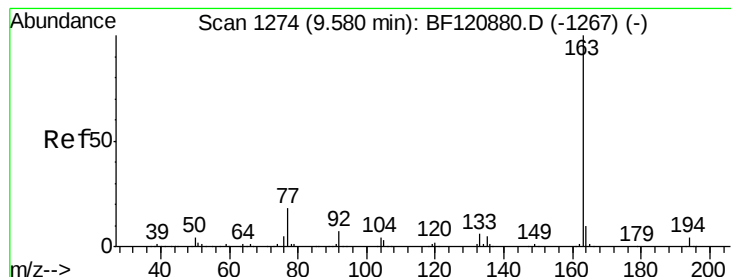
#45
 2-Fluorobiphenyl
 Concen: 79.084 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121006.D
 Acq: 24 Jul 2020 16:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.3	19.6	29.4



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: 9.922 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121006.D

Acq: 24 Jul 2020 16:47

Instrument :

BNA_F

ClientSampleId :

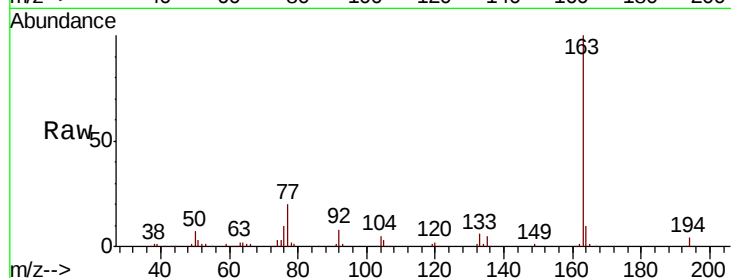
Tot Ion:163 Resp: 207325

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

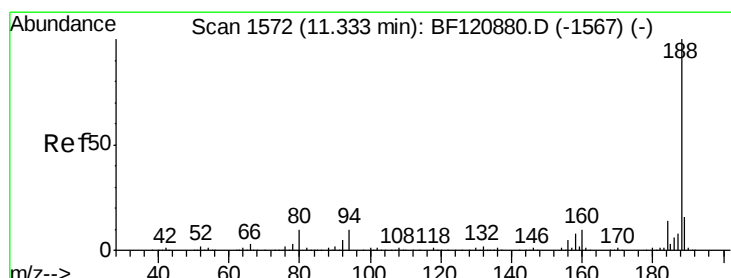
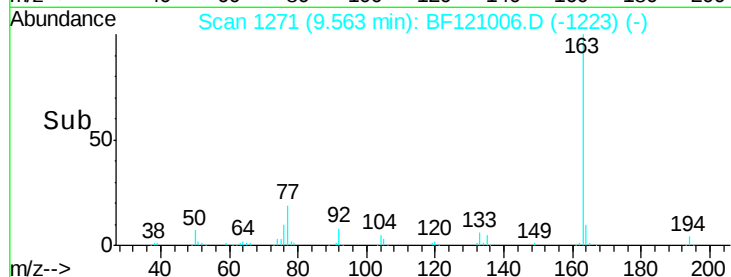
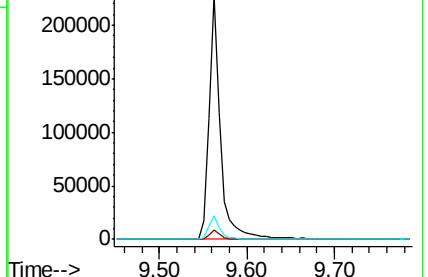
164 9.9 7.9 11.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121006.D

Acq: 24 Jul 2020 16:47

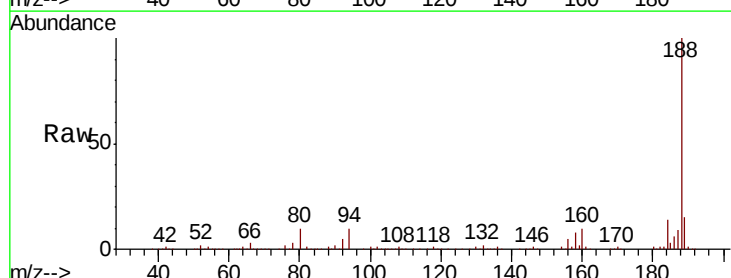
Tgt Ion:188 Resp: 517115

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

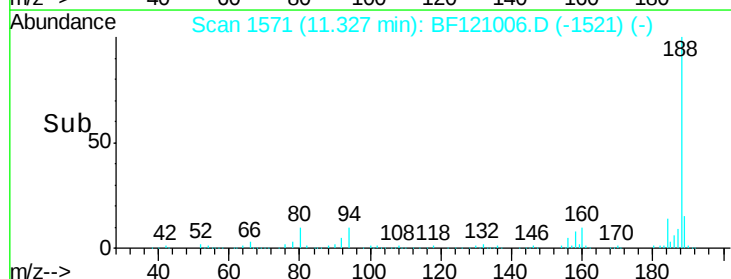
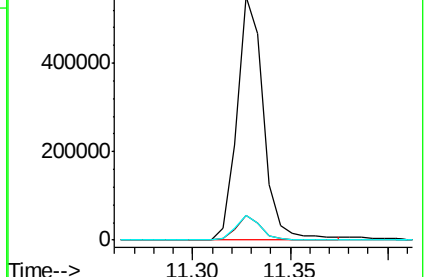
80 10.3 8.3 12.5

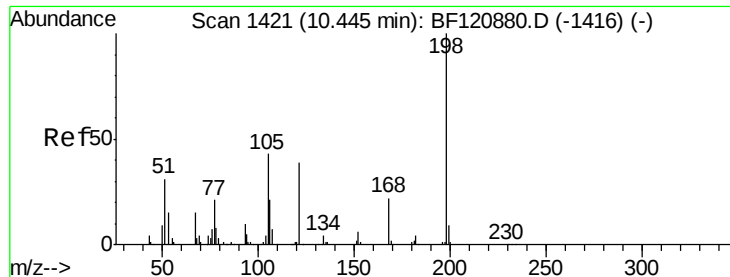


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 4.061 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121006.D

Acq: 24 Jul 2020 16:47

Instrument :

BNA_F

ClientSampleId :

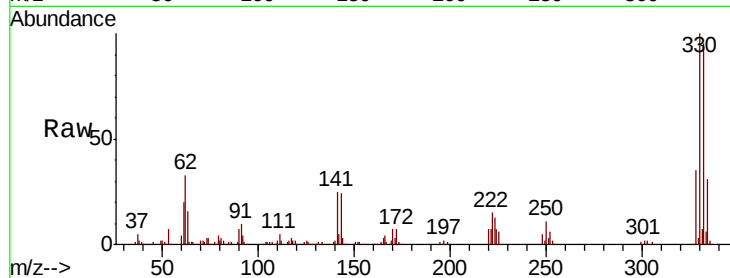
Tot Ion:198 Resp: 711

Ion Ratio Lower Upper

198 100

51 249.3 19.5 59.5#

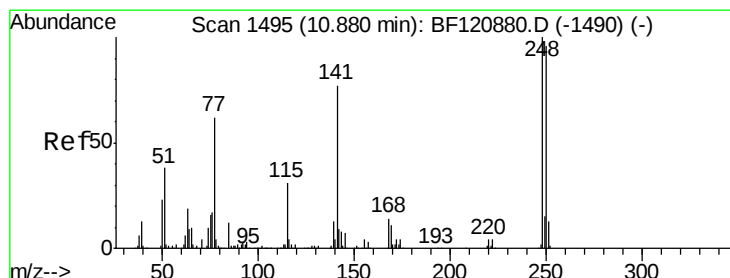
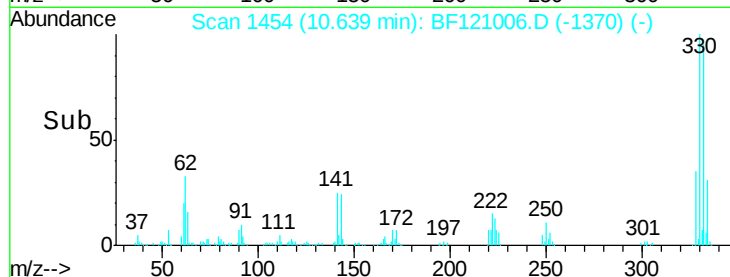
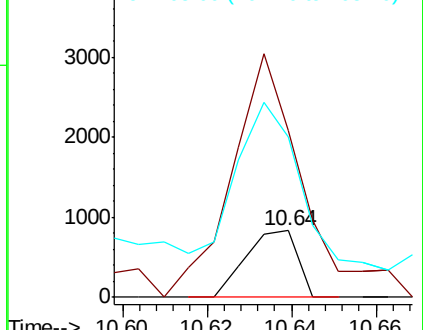
105 239.9 24.4 64.4#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.988 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.25 min

Lab File: BF121006.D

Acq: 24 Jul 2020 16:47

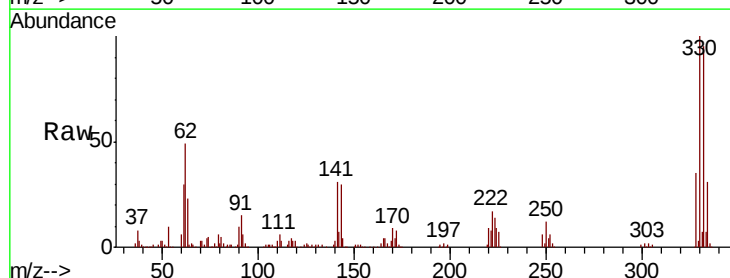
Tgt Ion:248 Resp: 22993

Ion Ratio Lower Upper

248 100

250 198.5 77.1 115.7#

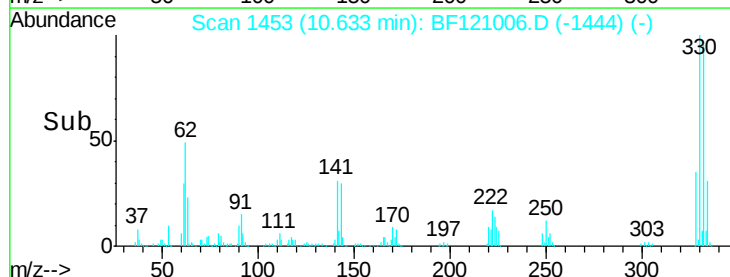
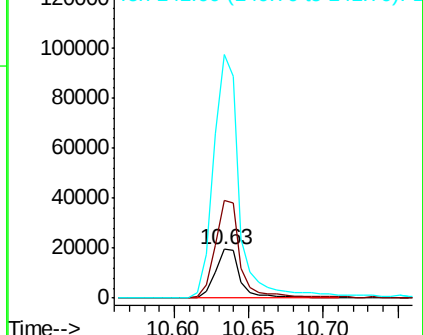
141 497.8 61.2 91.8#



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

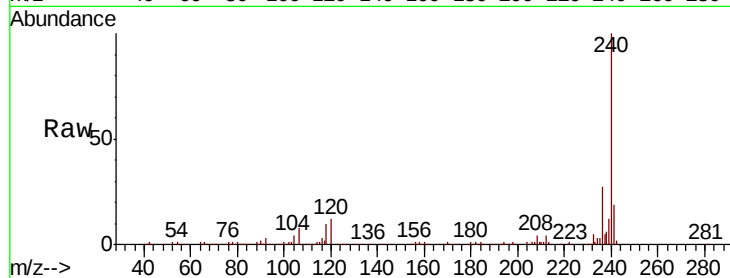




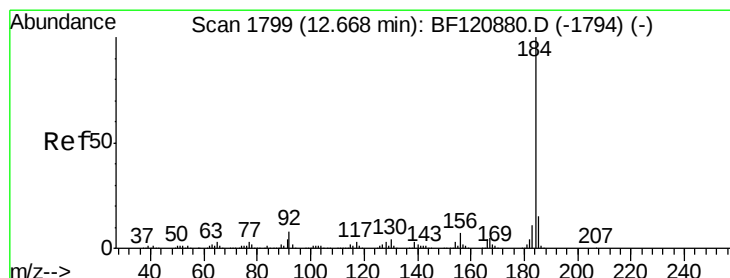
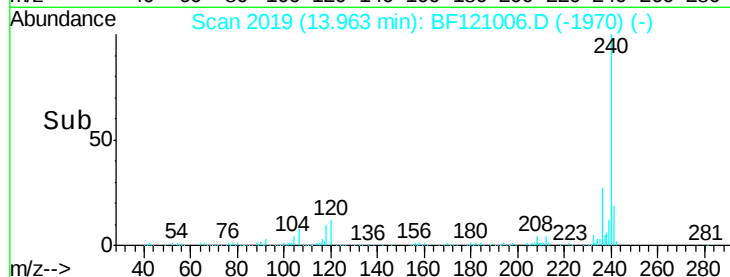
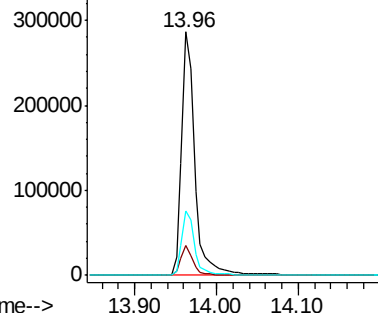
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 320801
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.4
236 26.6 21.7 32.5

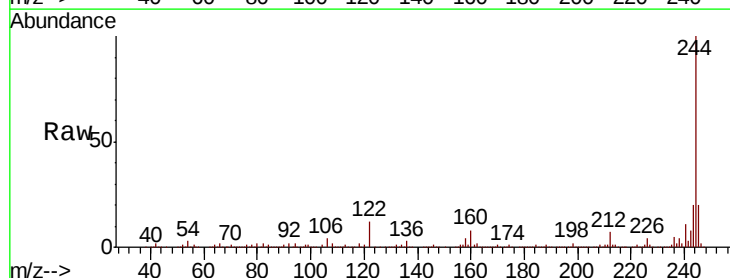


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

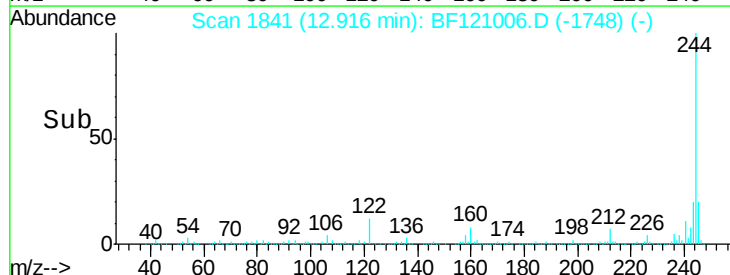
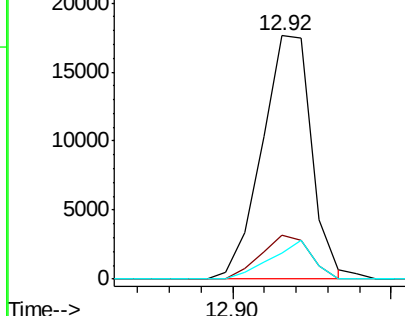


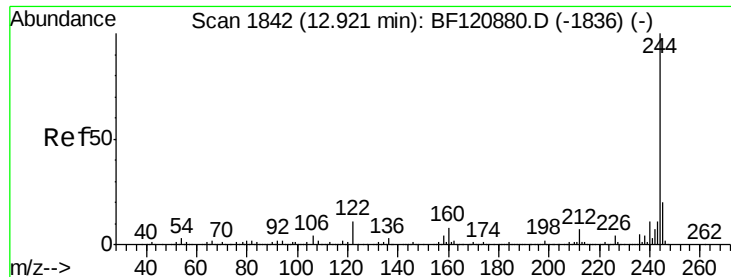
#77
Benzidine
Concen: 2.266 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.25 min
Lab File: BF121006.D
Acq: 24 Jul 2020 16:47

Tgt Ion:184 Resp: 19115
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 10.7 8.5 12.7



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

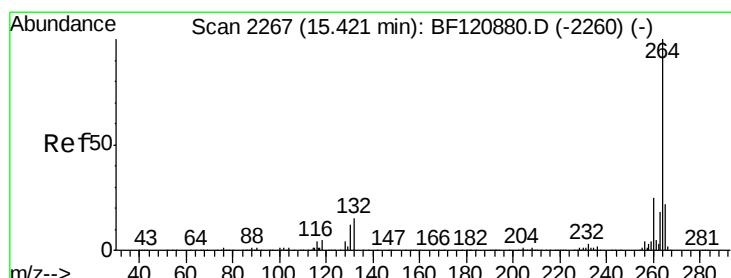
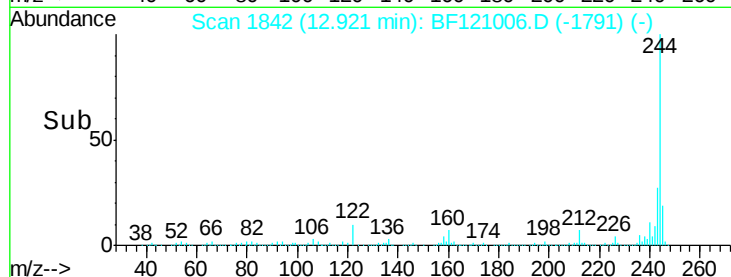
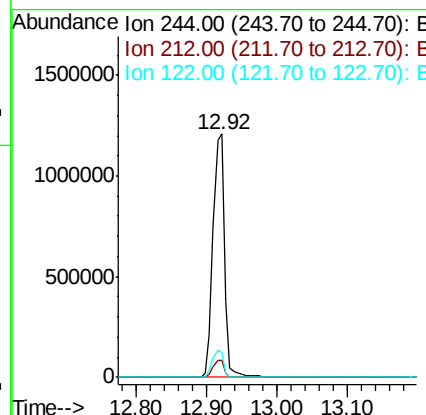
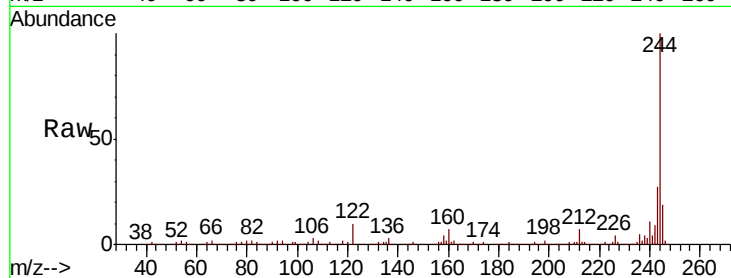




#79
 Terphenyl-d14
 Concen: 94.040 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121006.D
 Acq: 24 Jul 2020 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1387819
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 10.4 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF121006.D
 Acq: 24 Jul 2020 16:47

Tgt Ion:264 Resp: 349253
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.0 30.0
 265 21.4 17.4 26.2

