

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120948.D
 Acq On : 21 Jul 2020 9:34
 Operator : JU/CG
 Sample : PB130301BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Quant Time: Jul 21 11:32:01 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	177318	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	681376	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	359984	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	698975	20.00	ng	0.00
76) Chrysene-d12	13.97	240	602613	20.00	ng	0.00
86) Perylene-d12	15.42	264	581083	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1221270	112.91	ng	0.02
7) Phenol-d6	6.45	99	1479676	105.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	931366	79.09	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	444901	112.91	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1694917	70.30	ng	0.00
79) Terphenyl-d14	12.93	244	1685295	60.79	ng	0.00

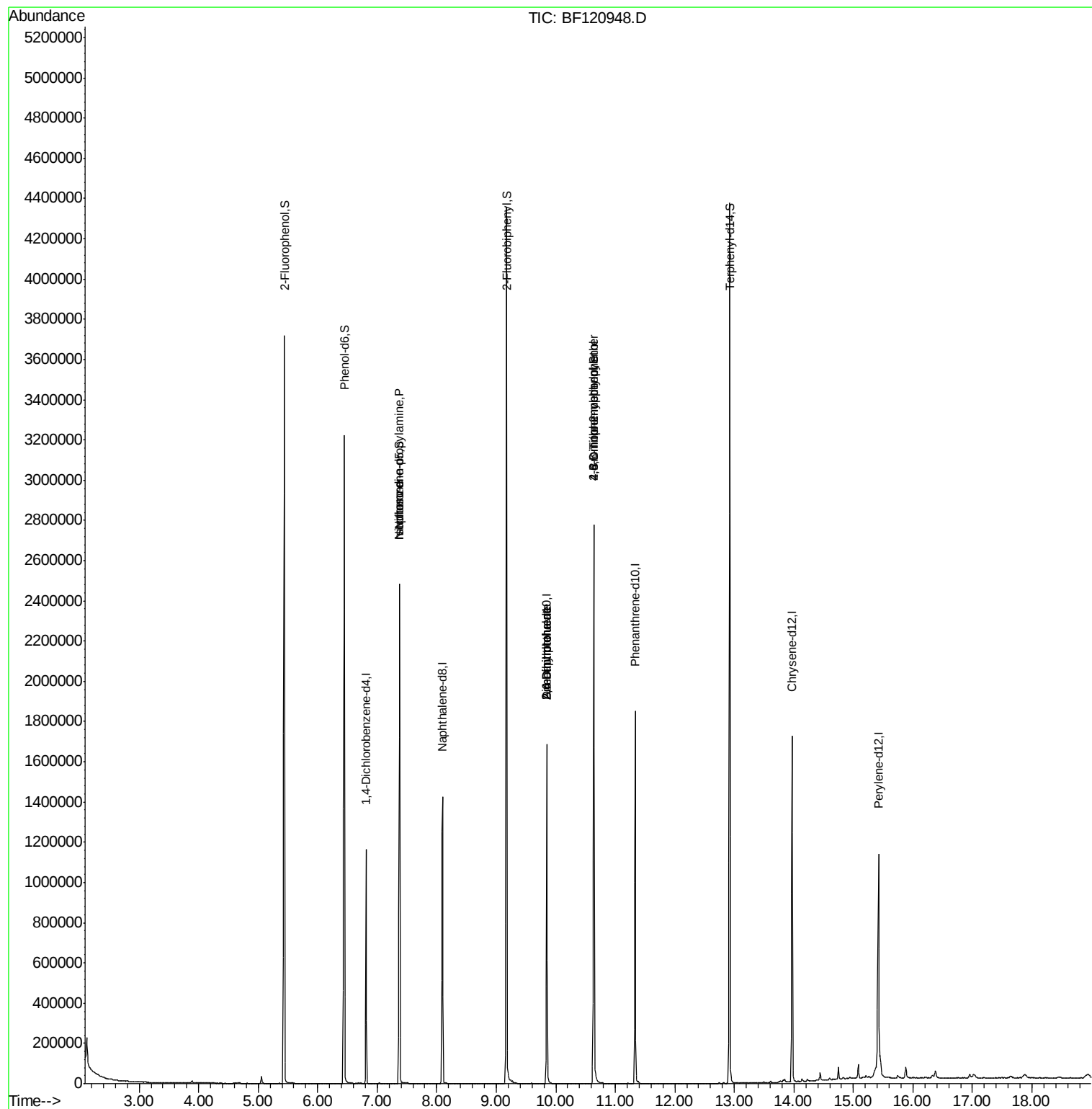
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	2176	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	122192	15.380	ng	# 77
25) Isophorone	7.37	82	922141	39.237	ng	# 63
50) Dimethylphthalate	9.85	163	77177	2.972	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	46394	8.315	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	46394	6.332	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	895	4.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25654	3.292	ng	# 1

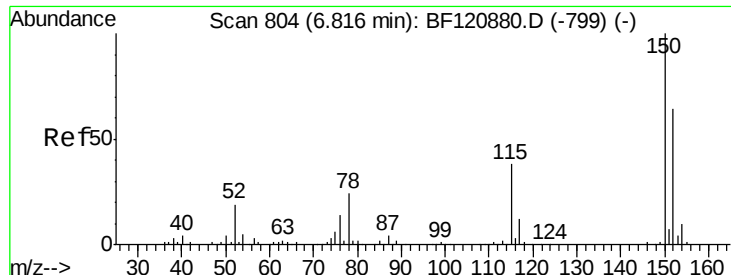
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
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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: BF120948.D

Acq: 21 Jul 2020 9:34

Instrument :

BNA_F

ClientSampleId :

PB130301BL

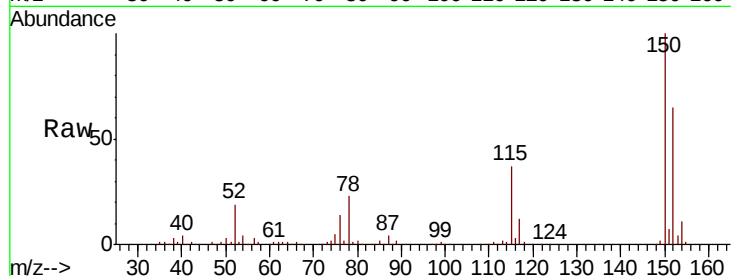
Tot Ion:152 Resp: 177318

Ion Ratio Lower Upper

152 100

150 154.5 125.0 187.6

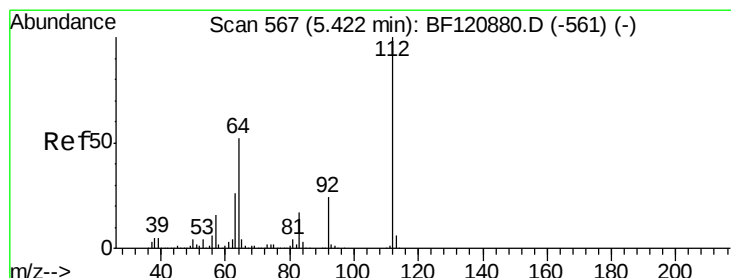
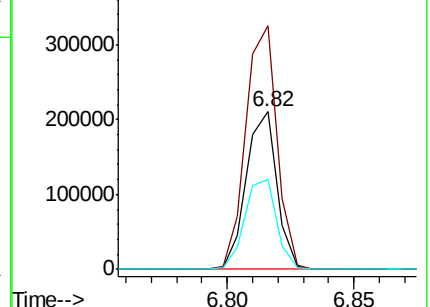
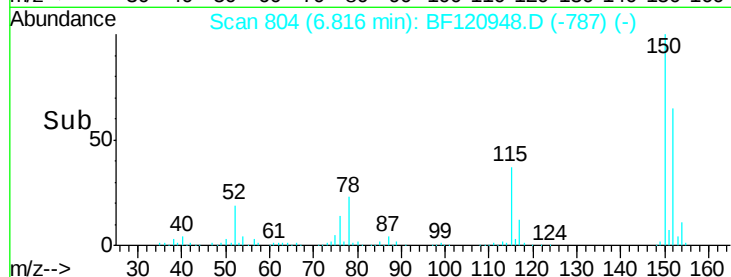
115 57.2 47.0 70.4



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: 112.910 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

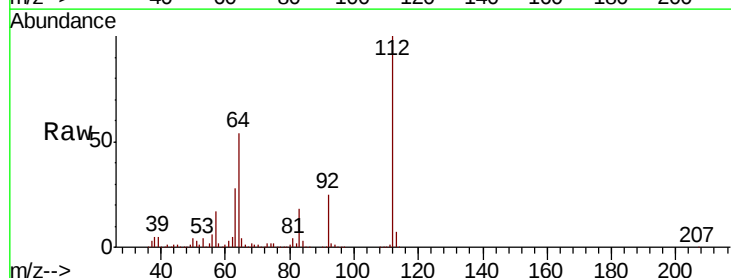
Tgt Ion:112 Resp: 1221270

Ion Ratio Lower Upper

112 100

64 54.3 41.3 61.9

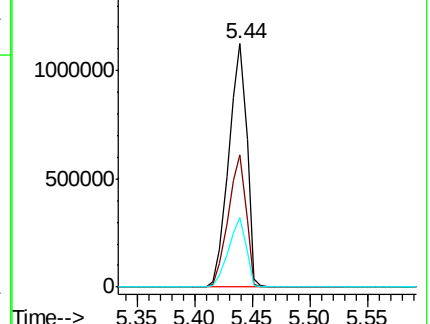
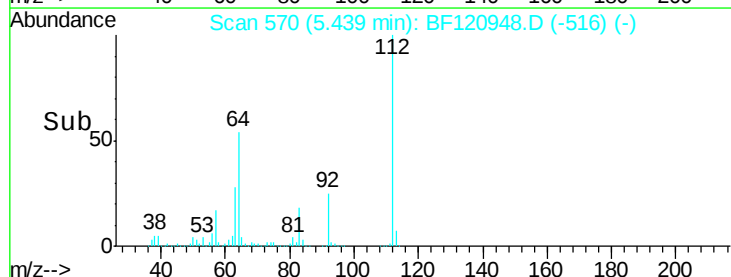
63 28.4 21.1 31.7

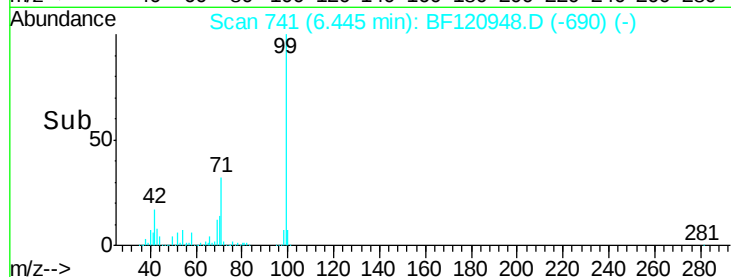
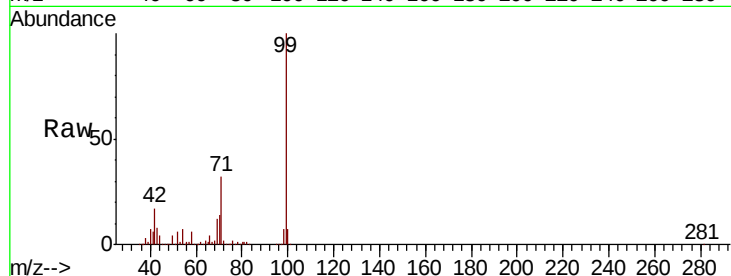
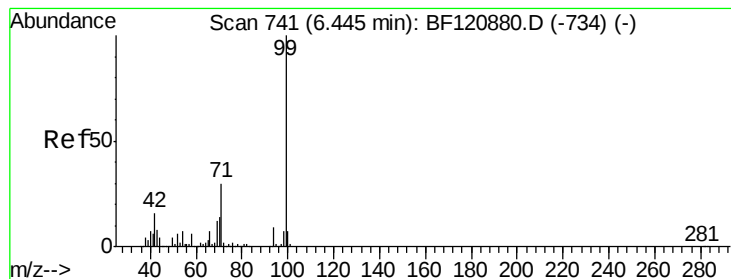


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 105.903 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Instrument :

BNA_F

ClientSampleId :

PB130301BL

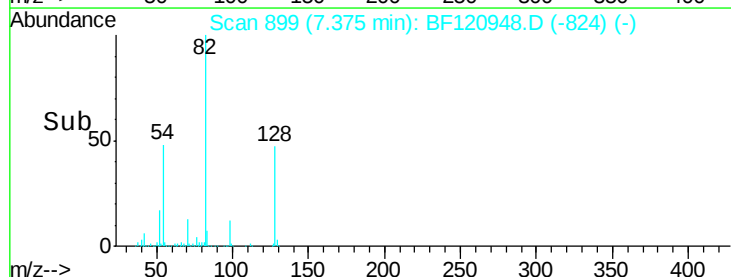
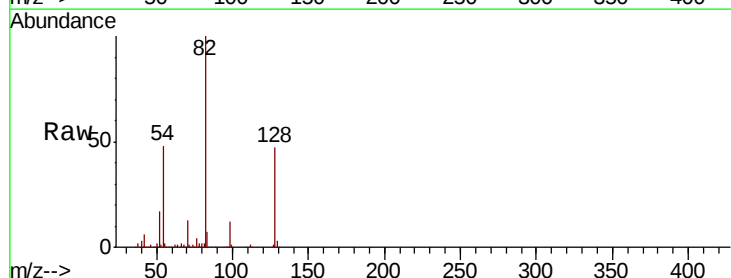
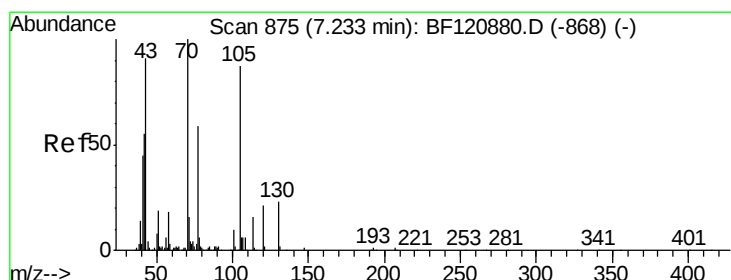
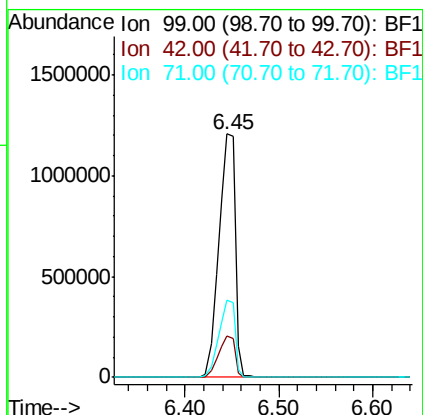
Tot Ion: 99 Resp: 1479676

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.380 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Tgt Ion: 70 Resp: 122192

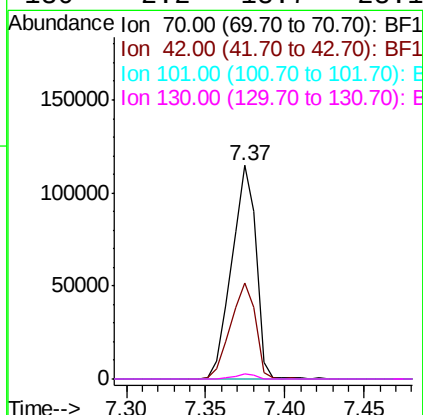
Ion Ratio Lower Upper

70 100

42 45.1 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

Instrument :

BNA_F

ClientSampleId :

PB130301BL

Tot Ion:136 Resp: 681376

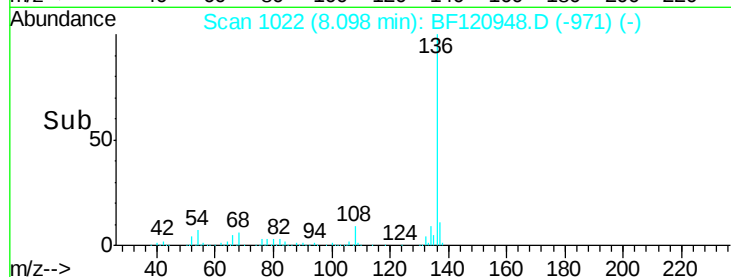
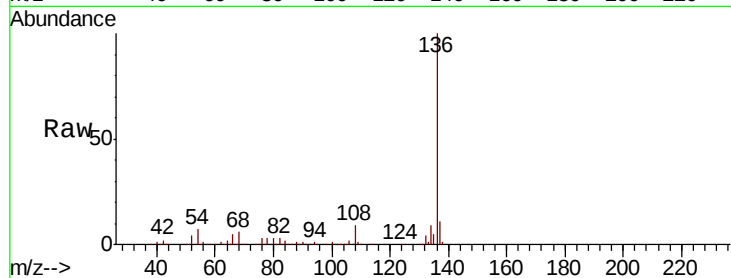
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 6.9 6.3 9.5

68 5.6 5.0 7.4

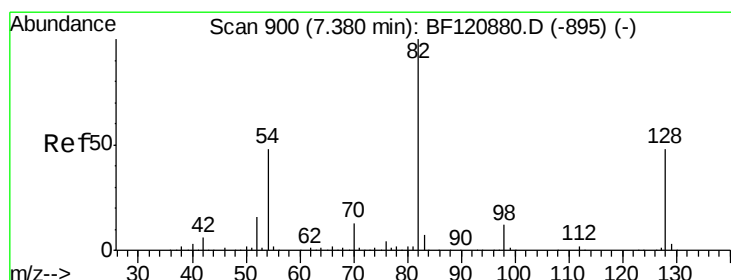
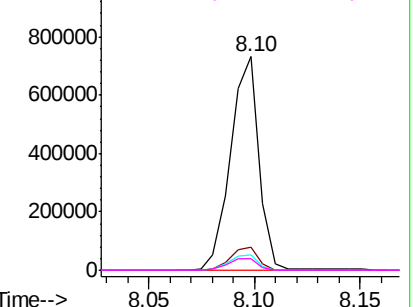


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.092 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120948.D

Acq: 21 Jul 2020 9:34

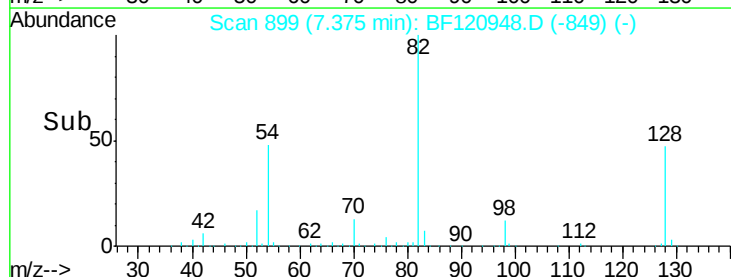
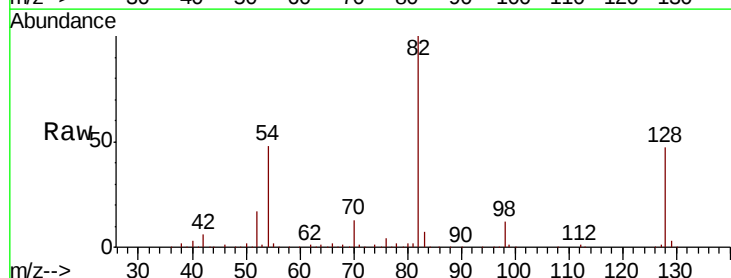
Tgt Ion: 82 Resp: 931366

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.4

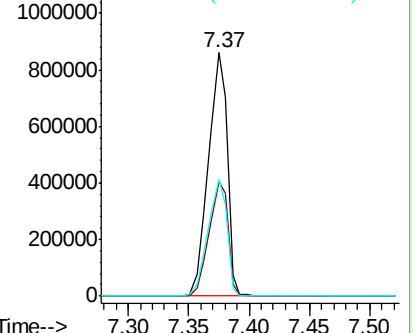
54 48.3 38.7 58.1

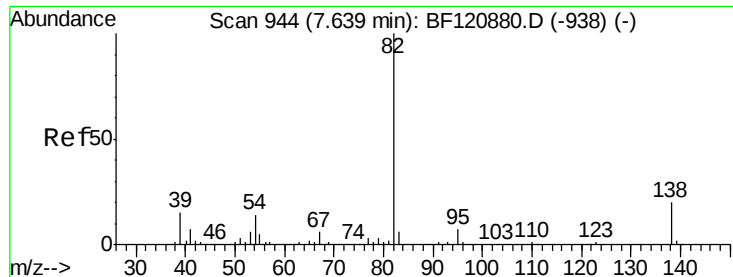


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

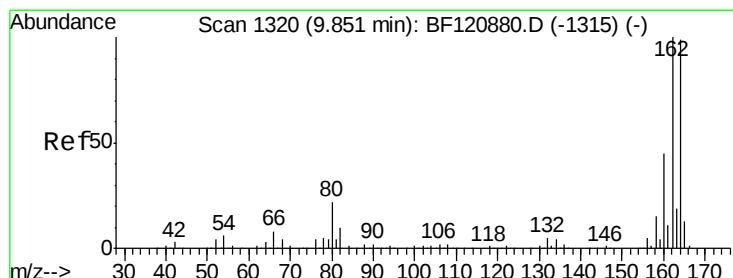
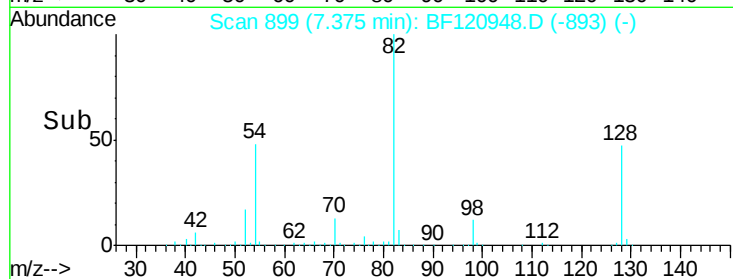
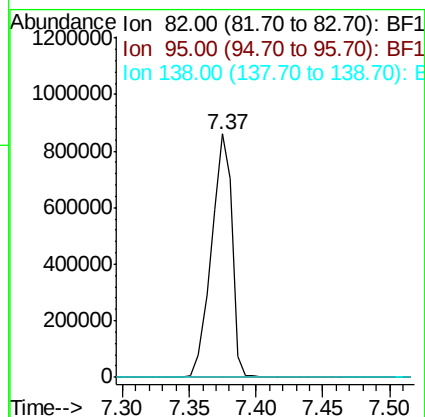
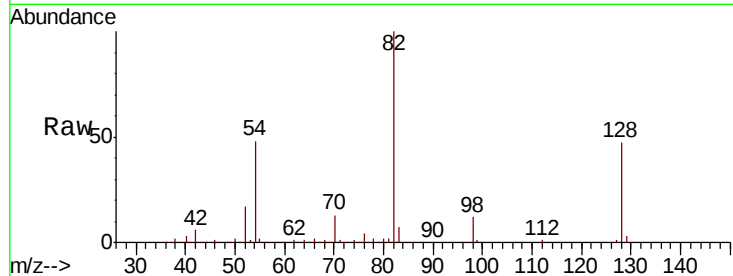




#25
Isophorone
Concen: 39.237 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

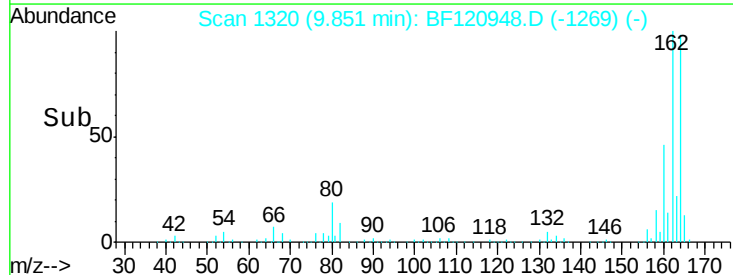
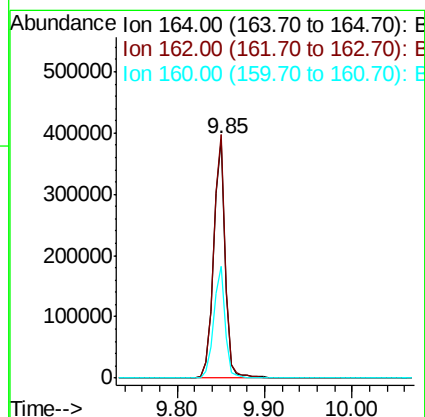
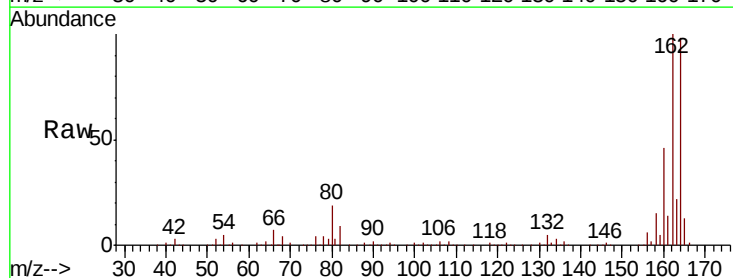
Instrument :
BNA_F
ClientSampleId :
PB130301BL

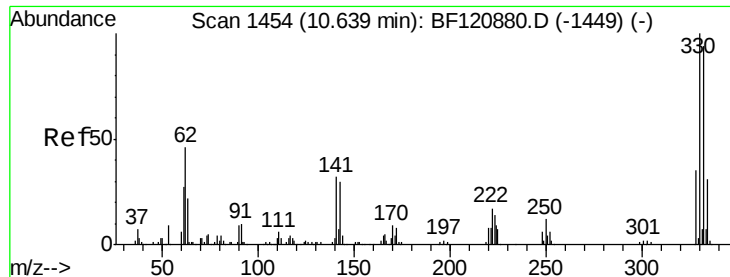
Tot Ion: 82 Resp: 922141
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:164 Resp: 359984
Ion Ratio Lower Upper
164 100
162 102.1 81.2 121.8
160 46.8 36.9 55.3

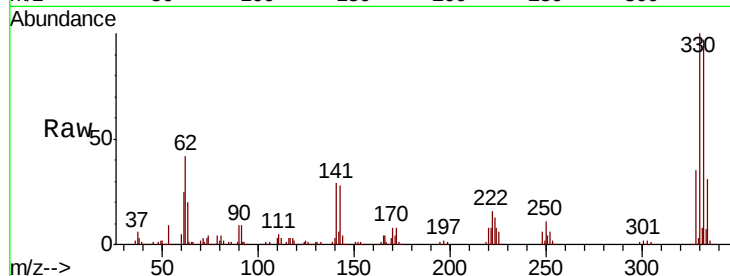




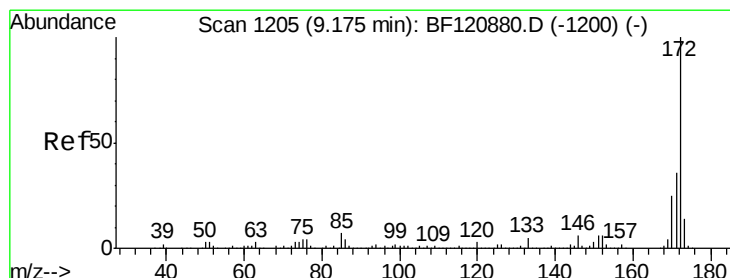
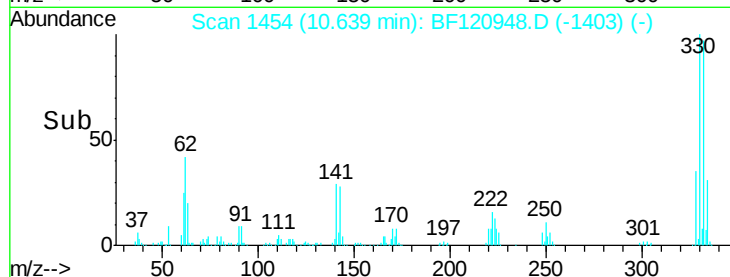
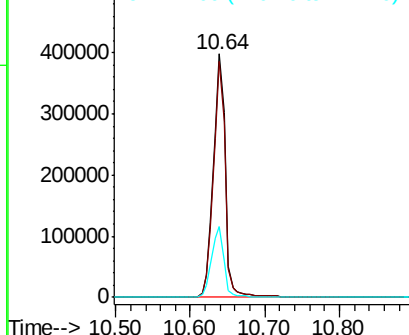
#42
 2,4,6-Tribromophenol
 Concen: 112.908 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Tot Ion:330 Resp: 444901
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.5 113.3
 141 30.3 25.7 38.5

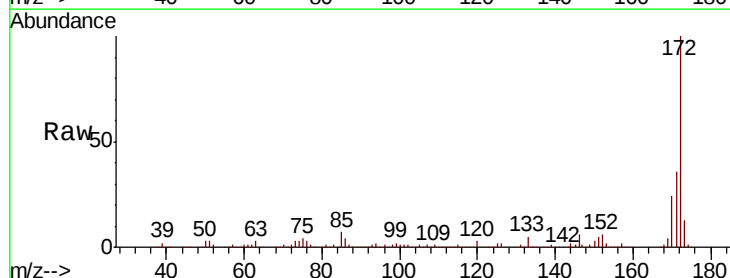


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

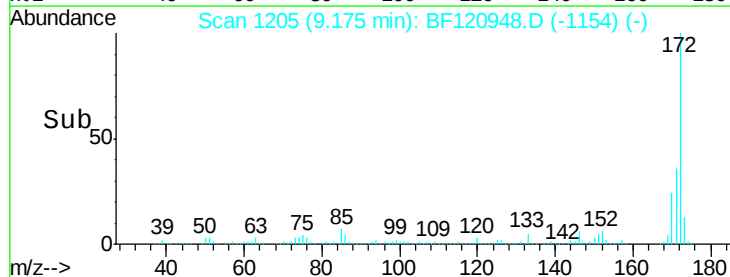
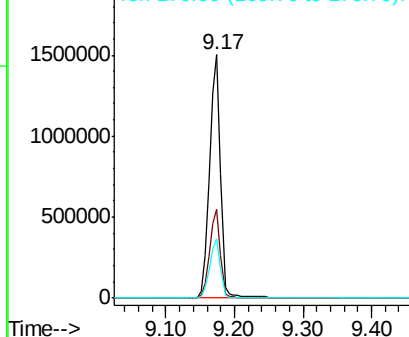


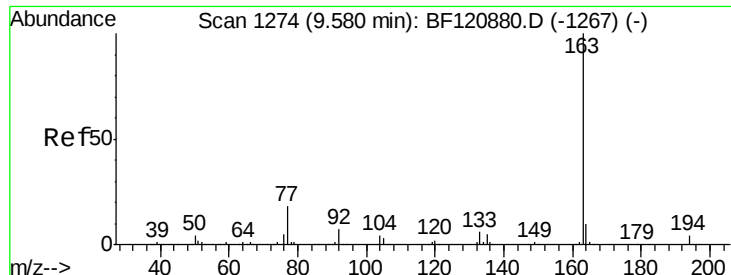
#45
 2-Fluorobiphenyl
 Concen: 70.297 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion:172 Resp: 1694917
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.2 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

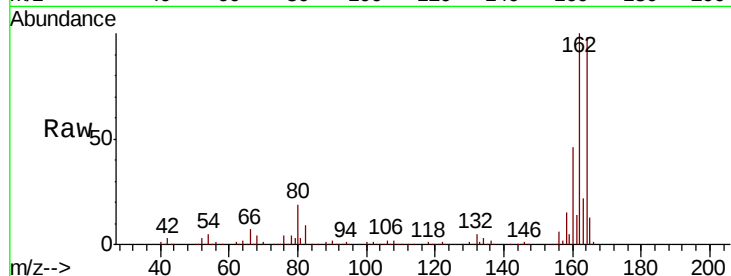




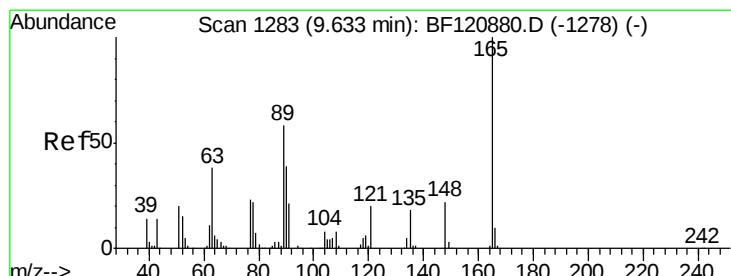
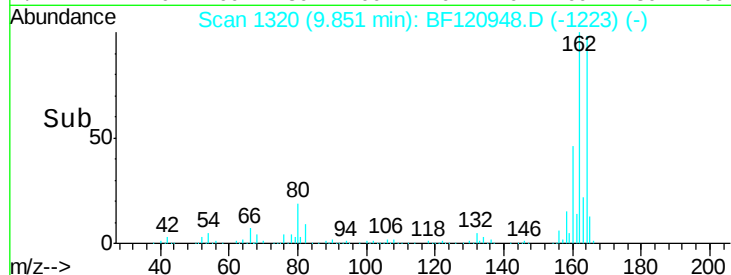
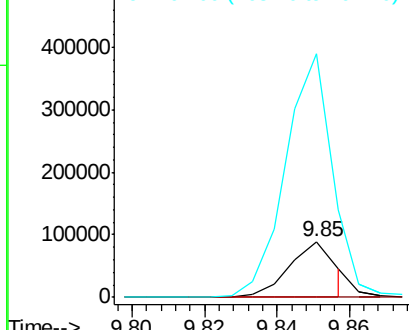
#50
Dimethylphthalate
Concen: 2.972 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.27 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tot Ion:163 Resp: 77177
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 435.7 7.9 11.9#

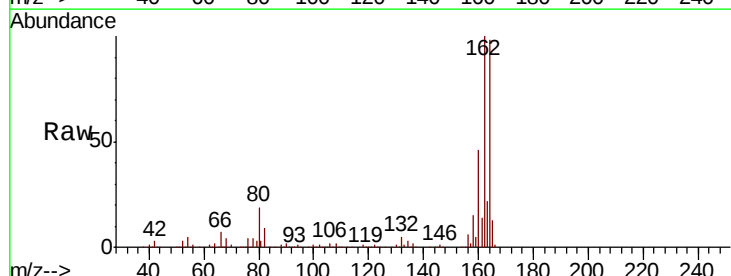


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

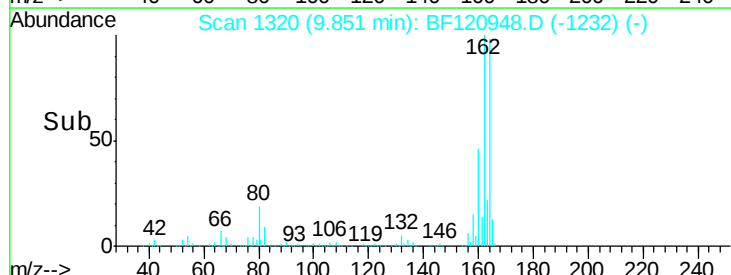
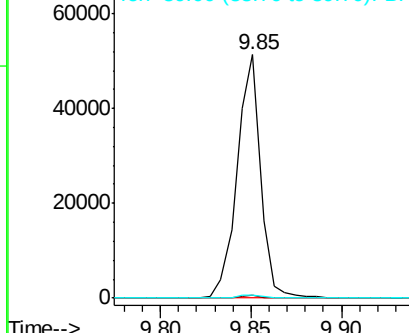


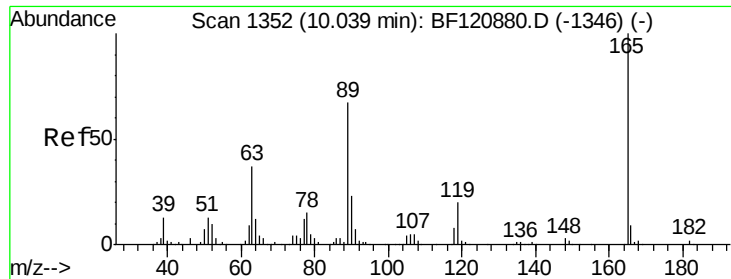
#51
2,6-Dinitrotoluene
Concen: 8.315 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.22 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Tgt Ion:165 Resp: 46394
Ion Ratio Lower Upper
165 100
63 1.0 45.4 68.2#
89 1.0 47.0 70.4#



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

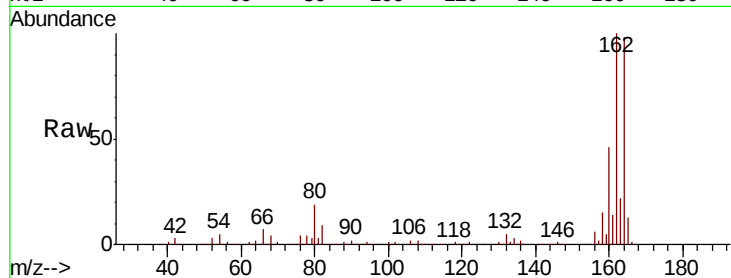




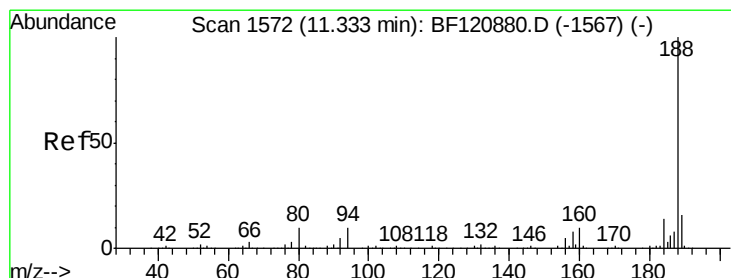
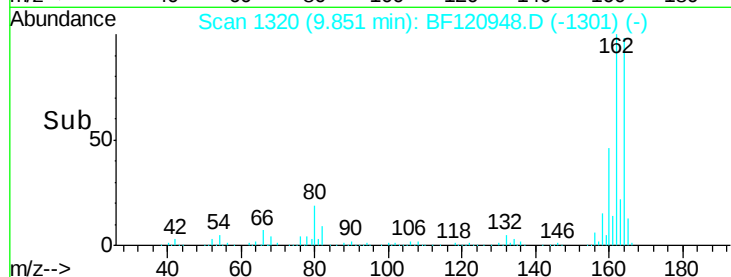
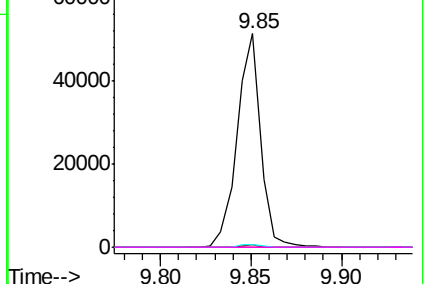
#57
 2,4-Dinitrotoluene
 Concen: 6.332 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Tot Ion:165	Resp:	46394
Ion Ratio	Lower	Upper
165	100	
63	1.0	29.4 44.2#
89	1.0	53.4 80.0#
182	0.0	1.8 2.6#

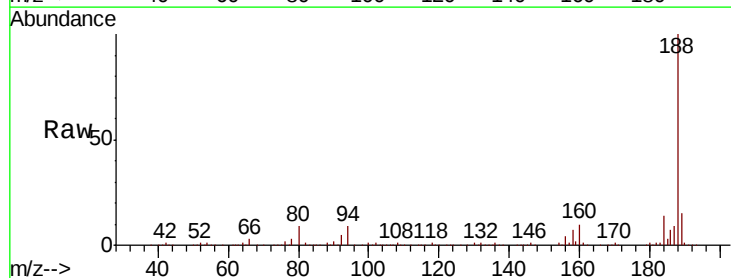


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

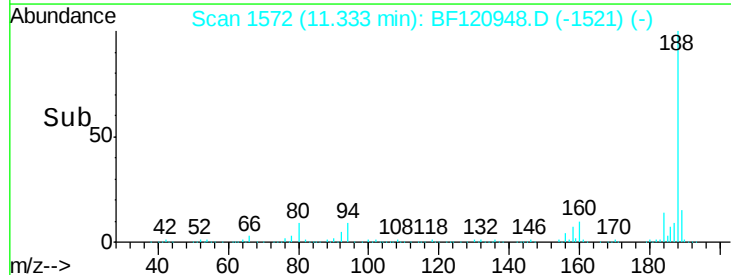
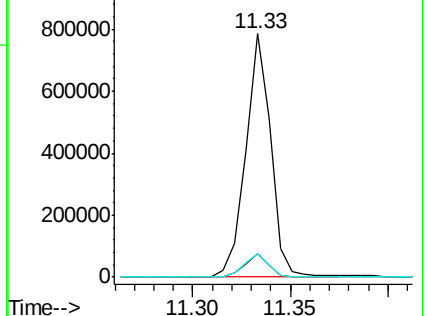


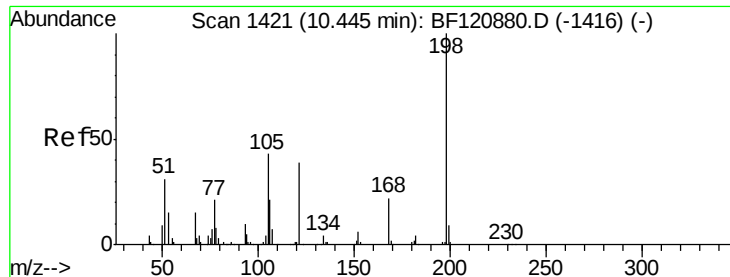
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion:188	Resp:	698975
Ion Ratio	Lower	Upper
188	100	
94	9.4	8.0 12.0
80	9.5	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

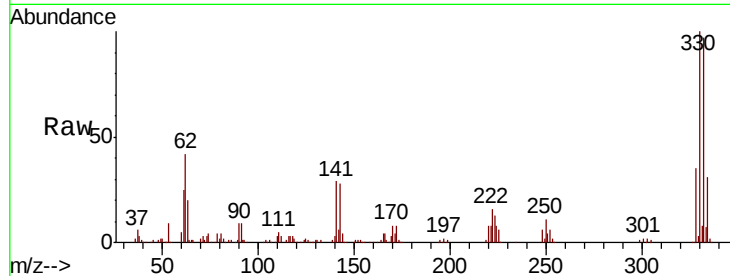




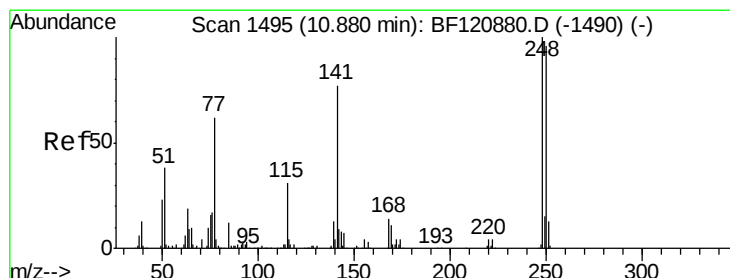
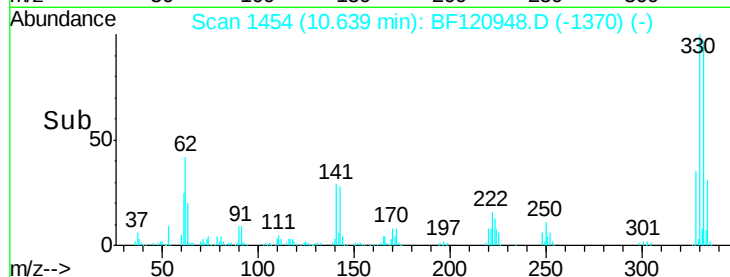
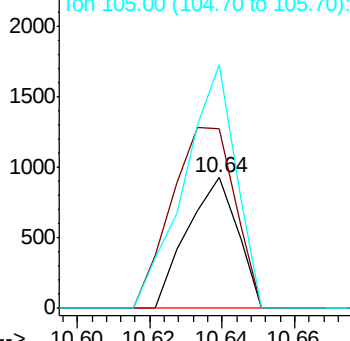
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.046 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Tot Ion:198 Resp: 895
 Ion Ratio Lower Upper
 198 100
 51 137.4 19.5 59.5#
 105 186.3 24.4 64.4#

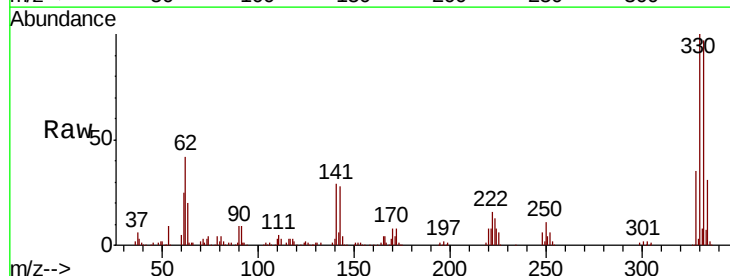


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

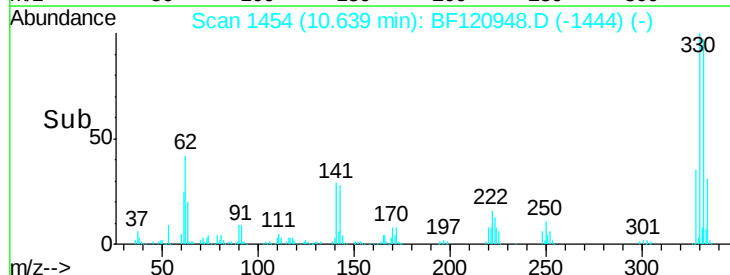
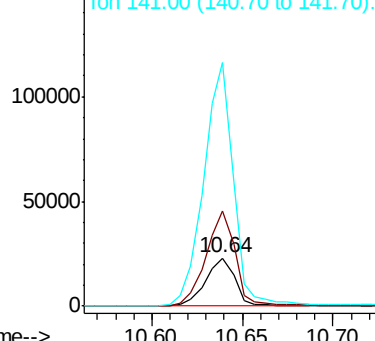


#67
 4-Bromophenyl-phenylether
 Concen: 3.292 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion:248 Resp: 25654
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.1 115.7#
 141 506.7 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

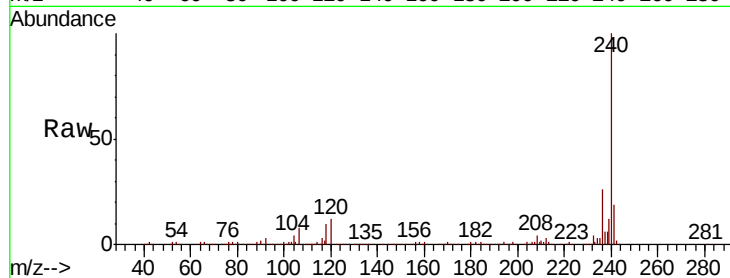




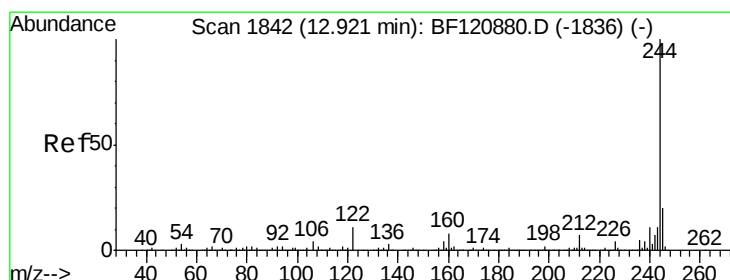
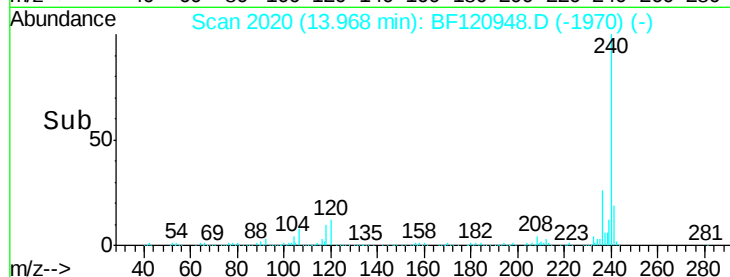
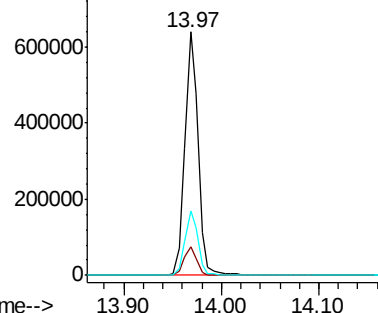
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Instrument :
 BNA_F
 ClientSampleId :
 PB130301BL

Tot Ion:240 Resp: 602613
 Ion Ratio Lower Upper
 240 100
 120 11.7 9.0 13.4
 236 26.5 21.7 32.5

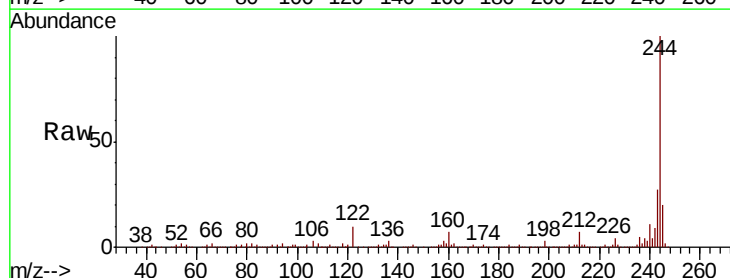


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

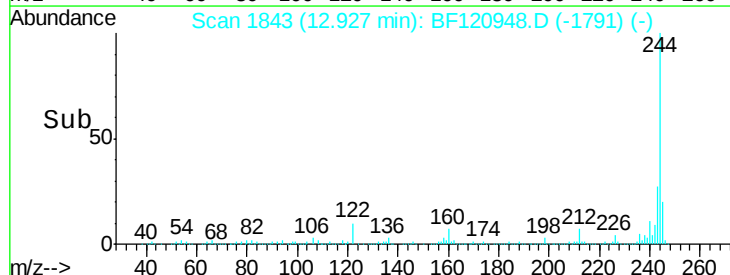
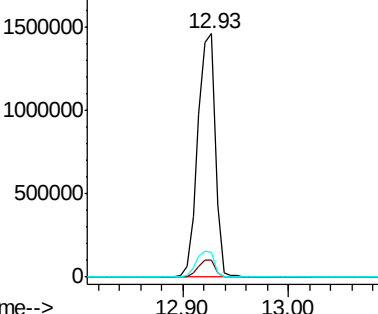


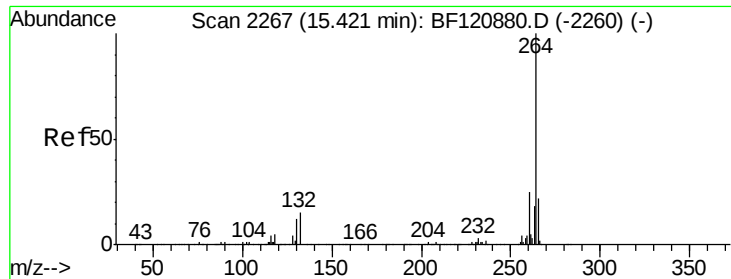
#79
 Terphenyl-d14
 Concen: 60.793 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF120948.D
 Acq: 21 Jul 2020 9:34

Tgt Ion:244 Resp: 1685295
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.2 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





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120948.D
Acq: 21 Jul 2020 9:34

Instrument :
BNA_F
ClientSampleId :
PB130301BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.0	30.0
265	22.1	17.4	26.2

