

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120914.D
 Acq On : 17 Jul 2020 10:51
 Operator : JU/CG
 Sample : PB130249TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130249TB

Quant Time: Jul 17 11:17:29 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	173101	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	656738	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	333957	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	627099	20.00	ng	0.00
76) Chrysene-d12	13.97	240	503593	20.00	ng	0.00
86) Perylene-d12	15.42	264	463318	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1129017	106.92	ng	0.01
7) Phenol-d6	6.45	99	1330244	97.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	839413	73.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	376143	102.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1531990	68.49	ng	0.00
79) Terphenyl-d14	12.92	244	1507695	65.08	ng	0.00

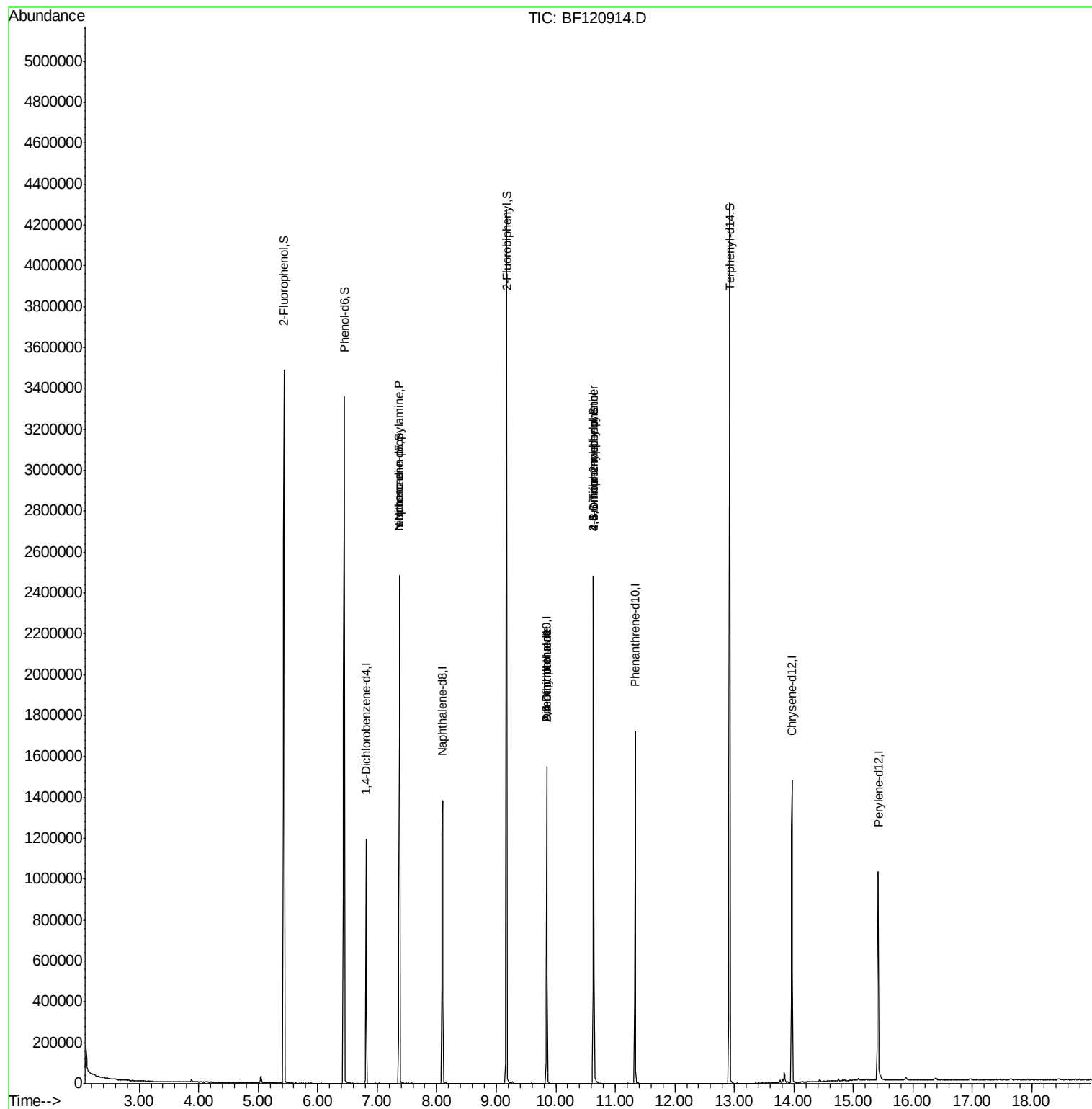
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1823	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	110578	14.257	ng	# 79
25) Isophorone	7.37	82	834086	36.822	ng	# 63
50) Dimethylphthalate	9.85	163	73028	3.031	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	43587	8.421	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	43587	6.412	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	701	4.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	21848	3.125	ng	# 1

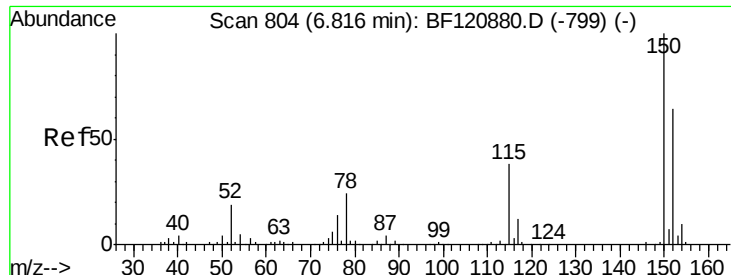
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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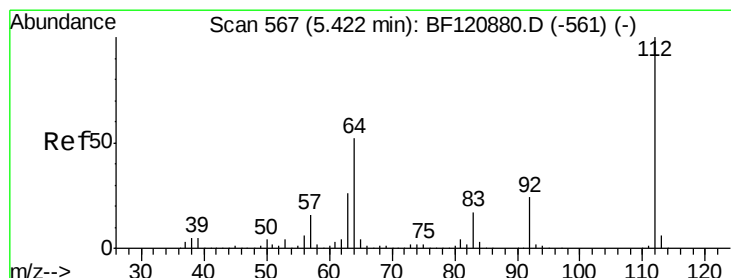
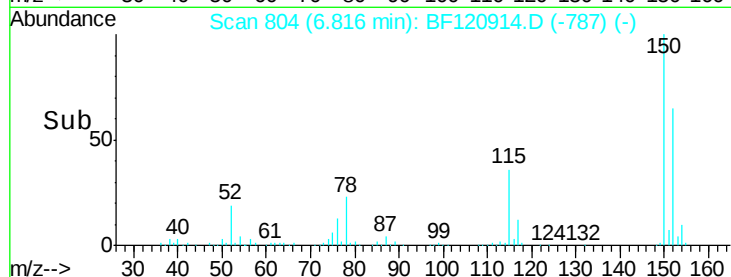
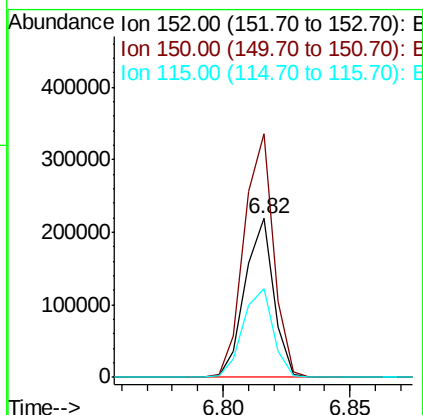
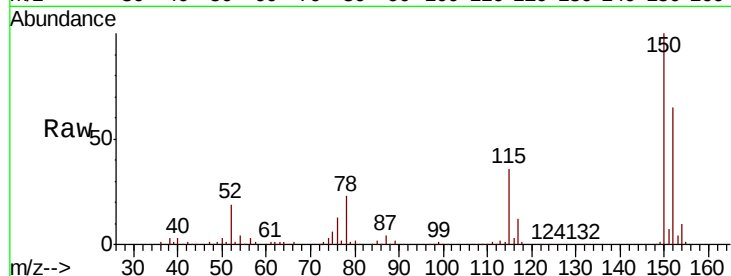


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

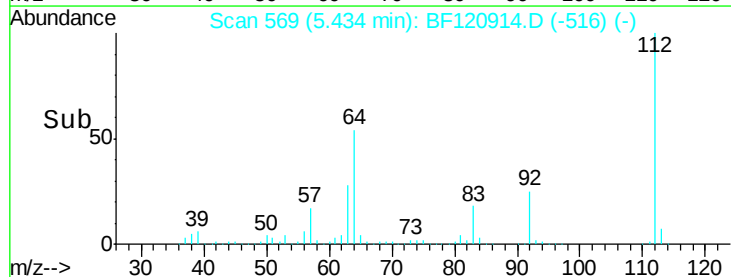
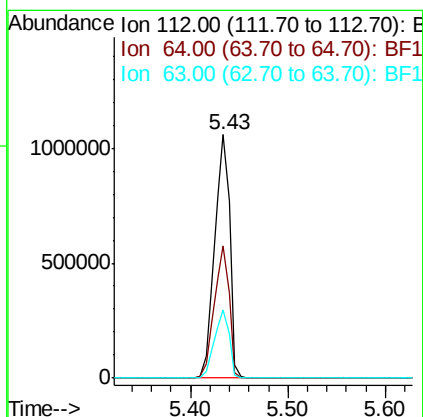
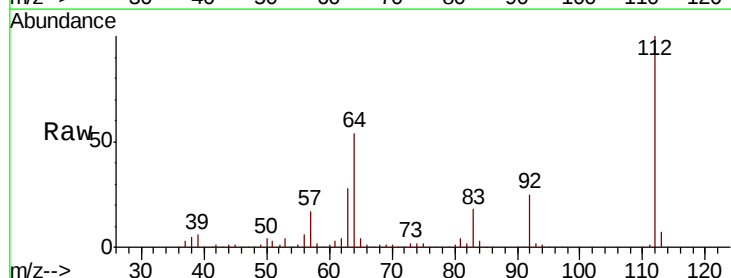
Tot Ion:152 Resp: 173101
Ion Ratio Lower Upper
152 100
150 153.2 125.0 187.6
115 55.8 47.0 70.4

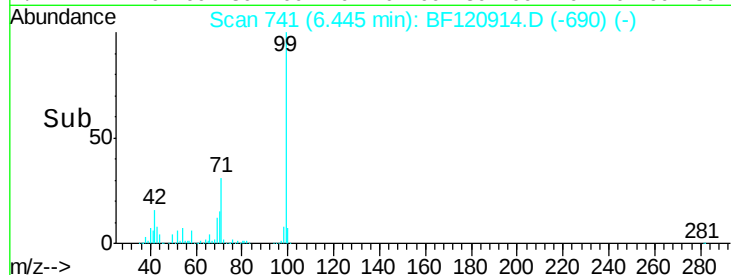
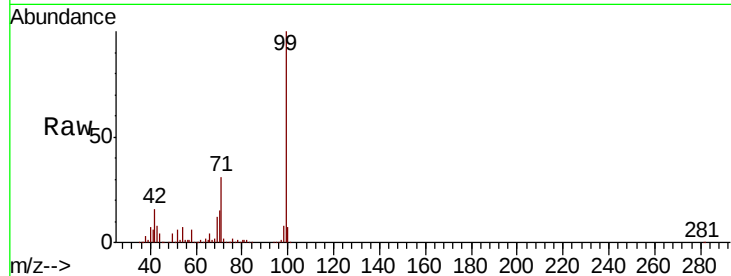


#5

2-Fluorophenol
Concen: 106.924 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:112 Resp: 1129017
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 28.1 21.1 31.7





#7

Phenol-d6

Concen: 97.528 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

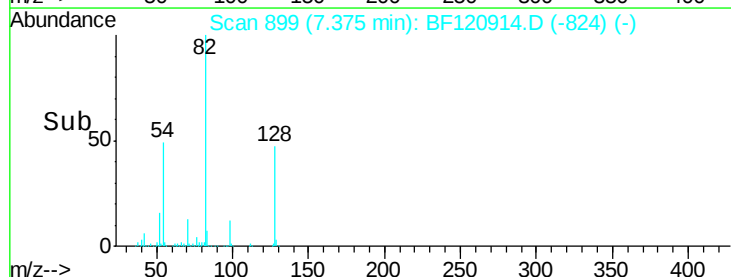
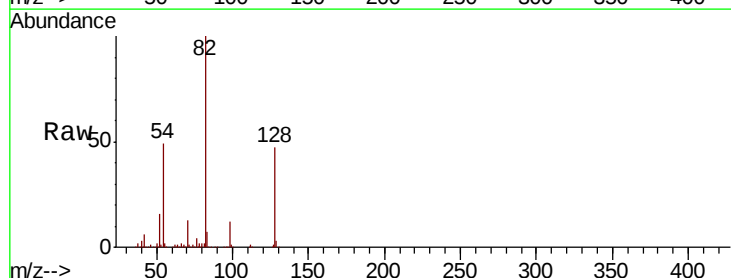
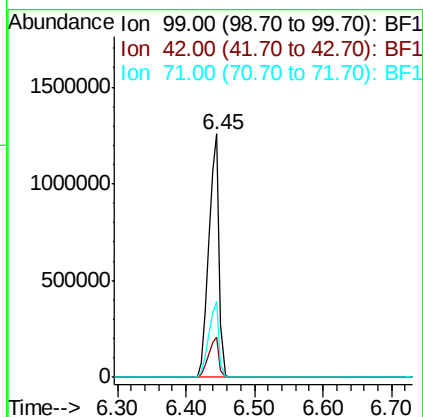
Tot Ion: 99 Resp: 1330244

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 31.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.257 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

Tgt Ion: 70 Resp: 110578

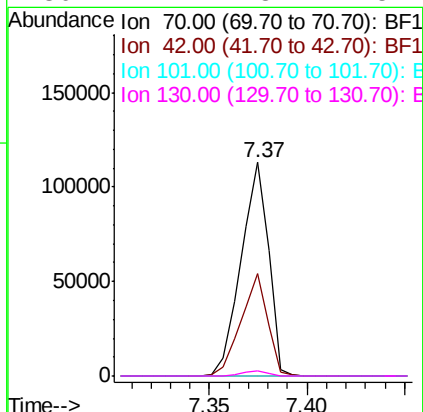
Ion Ratio Lower Upper

70 100

42 47.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 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: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

Tot Ion:136 Resp: 656738

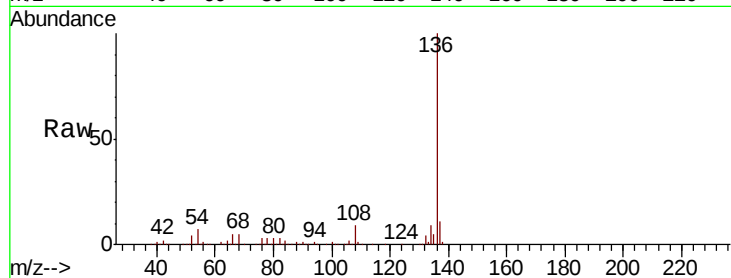
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.8 6.3 9.5

68 5.5 5.0 7.4

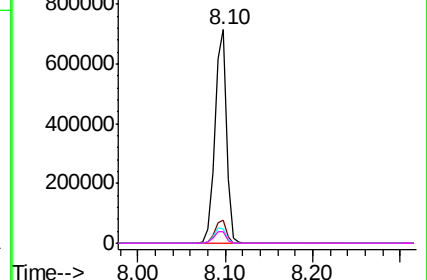
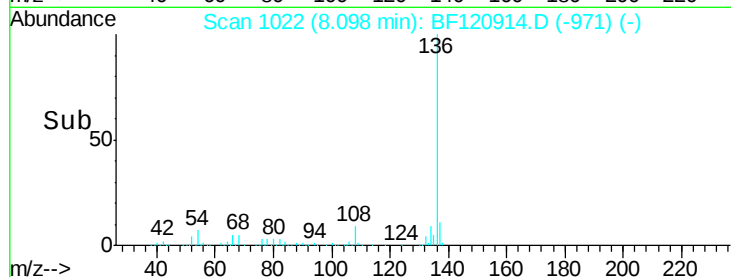


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.958 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

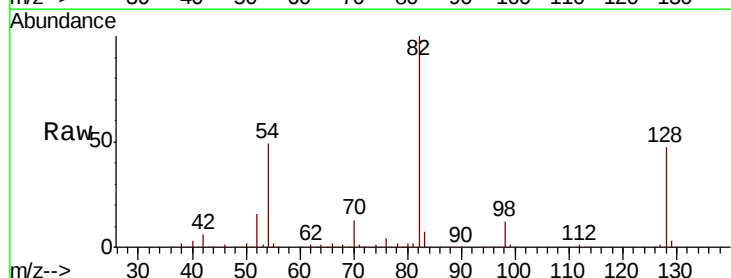
Tgt Ion: 82 Resp: 839413

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.4

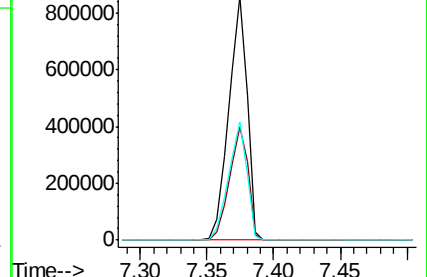
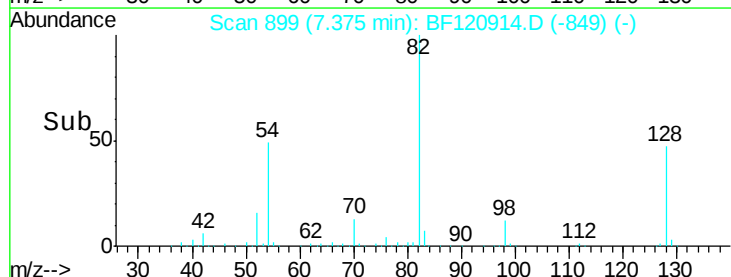
54 48.8 38.7 58.1



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

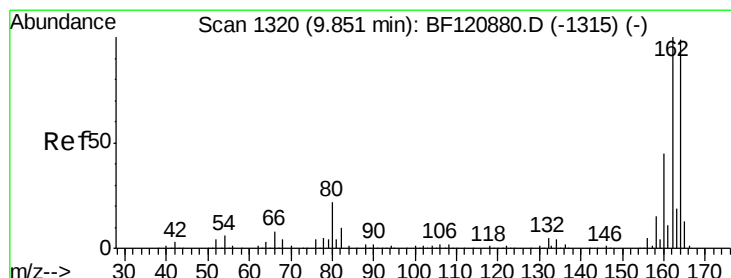
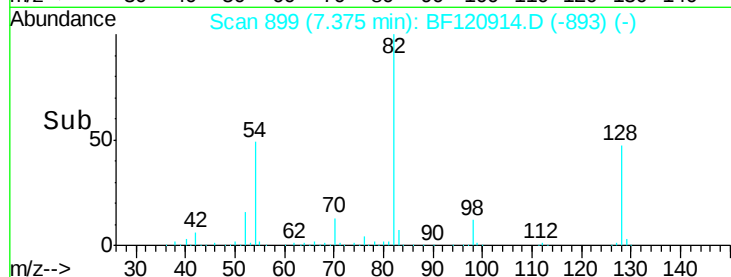
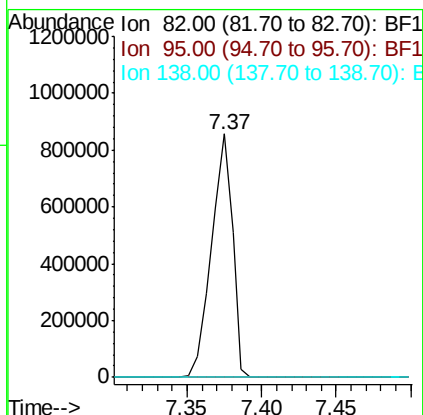
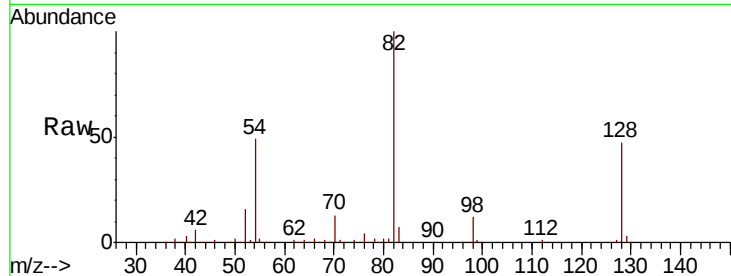




#25
Isophorone
Concen: 36.822 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

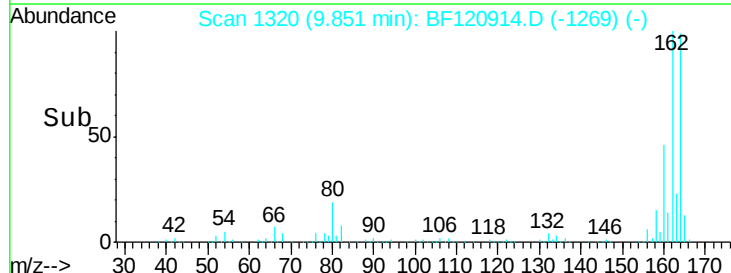
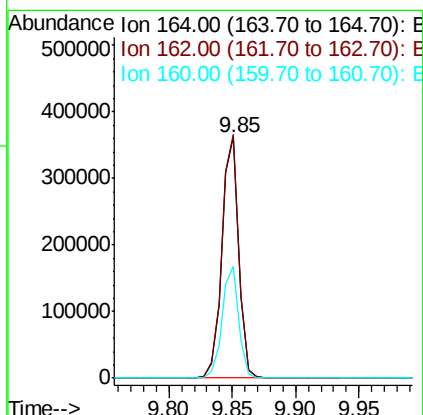
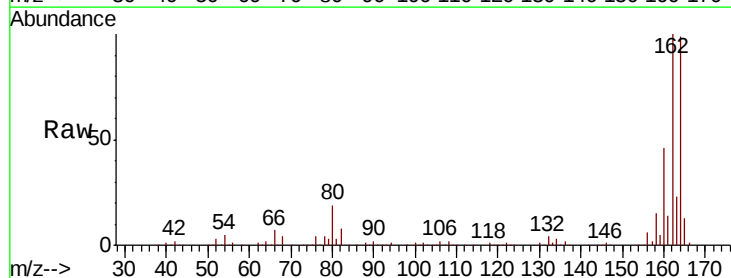
Instrument :
BNA_F
ClientSampleId :
PB130249TB

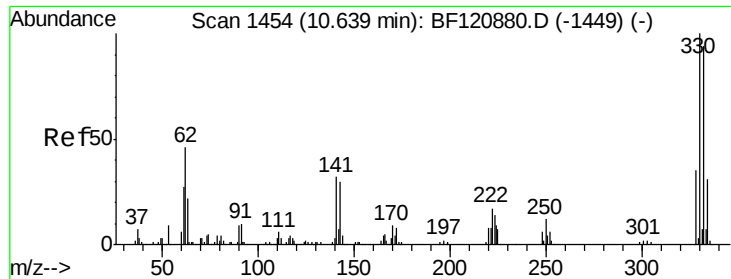
Tot Ion: 82 Resp: 834086
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion: 164 Resp: 333957
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 46.5 36.9 55.3

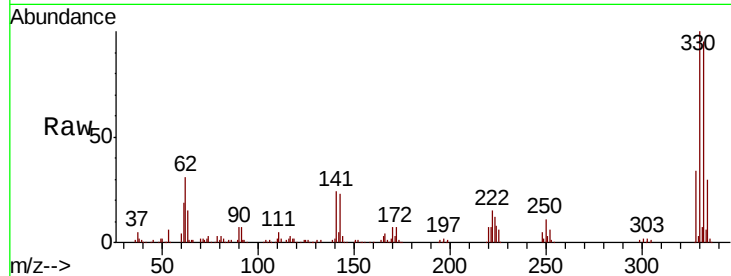




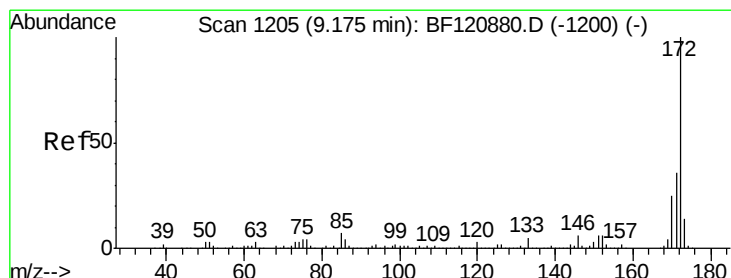
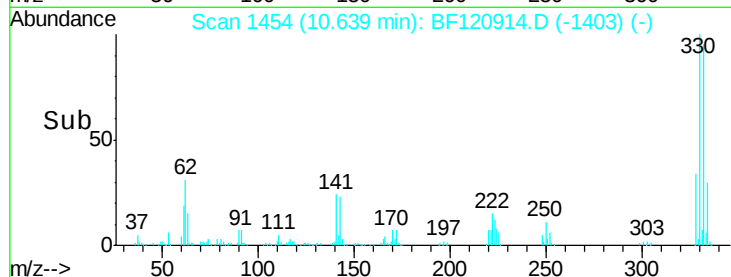
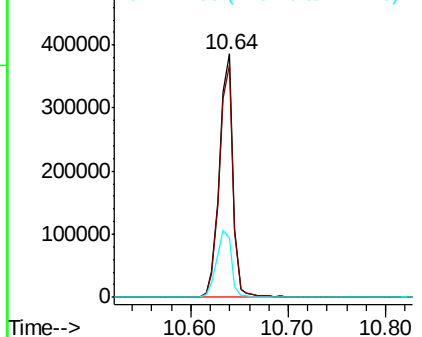
#42
 2,4,6-Tribromophenol
 Concen: 102.898 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130249TB

Tot Ion:330 Resp: 376143
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.5 113.3
 141 30.4 25.7 38.5

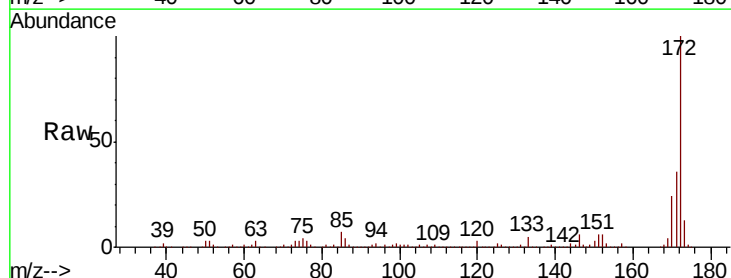


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

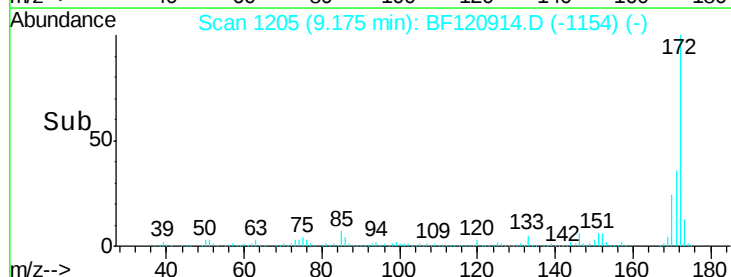
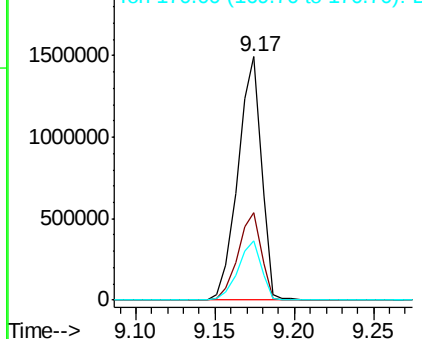


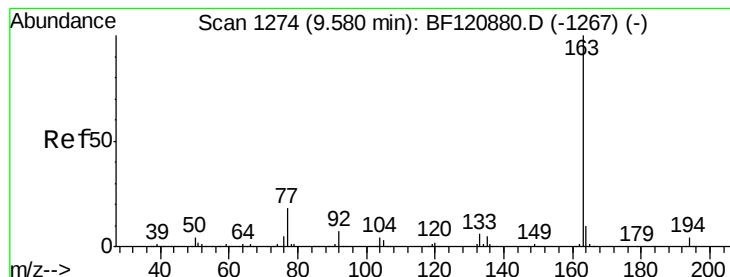
#45
 2-Fluorobiphenyl
 Concen: 68.492 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Tgt Ion:172 Resp: 1531990
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.4
 170 24.4 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: 3.031 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

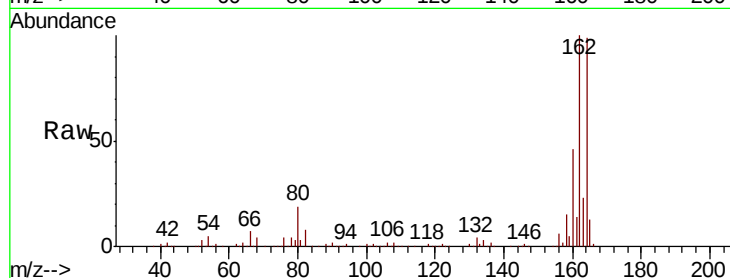
Tot Ion:163 Resp: 73028

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

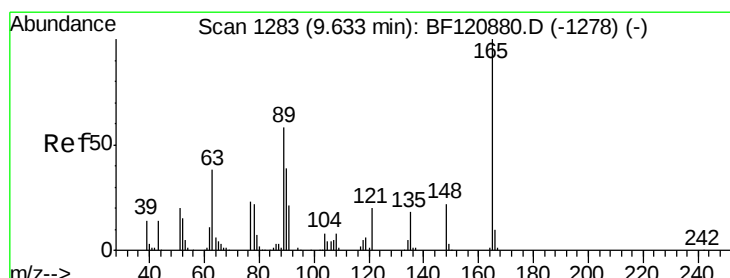
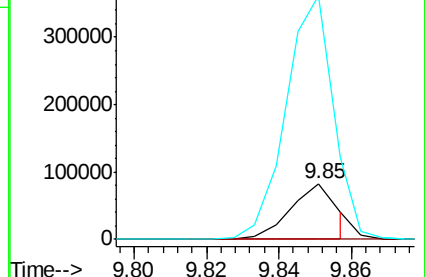
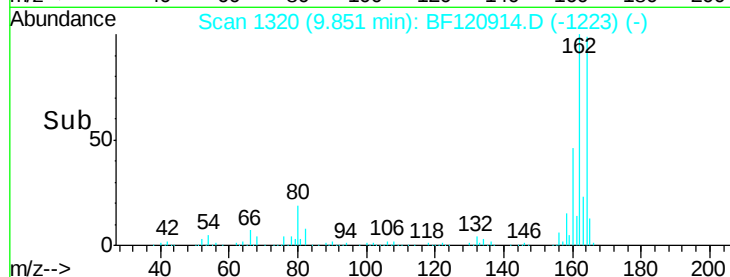
164 436.3 7.9 11.9#



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: 8.421 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

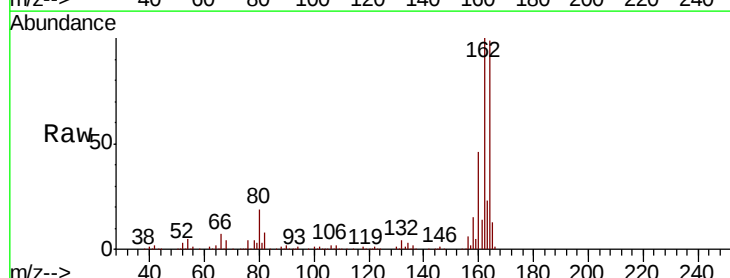
Tgt Ion:165 Resp: 43587

Ion Ratio Lower Upper

165 100

63 0.9 45.4 68.2#

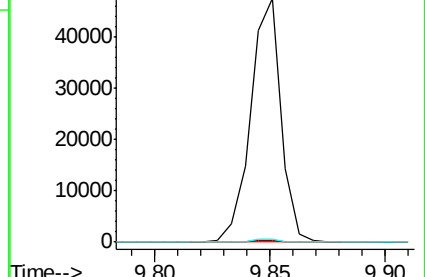
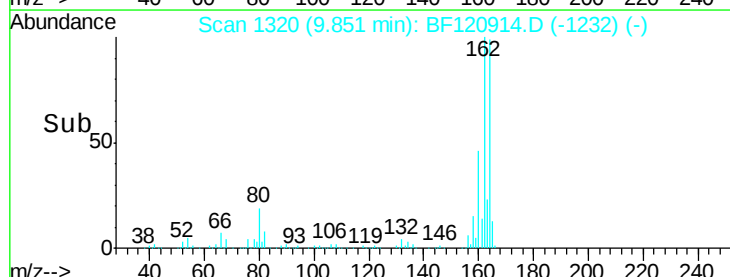
89 1.0 47.0 70.4#

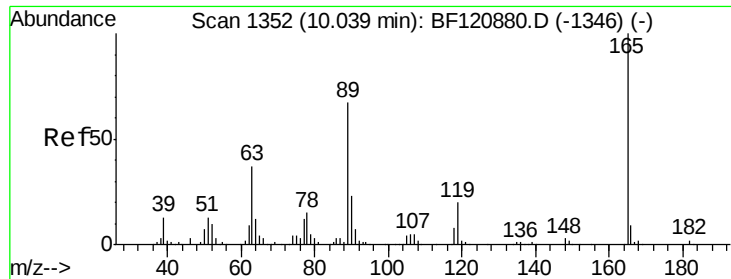


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

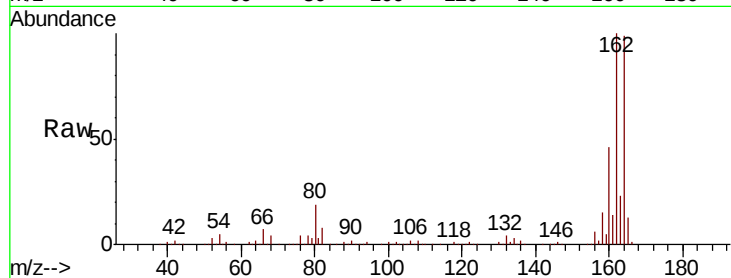




#57
 2,4-Dinitrotoluene
 Concen: 6.412 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130249TB

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.4	44.2#
89	1.0	53.4	80.0#
182	0.0	1.8	2.6#

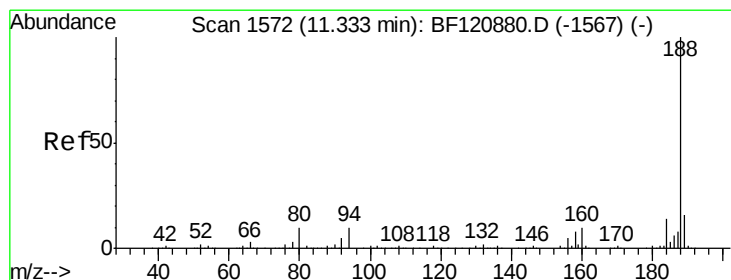
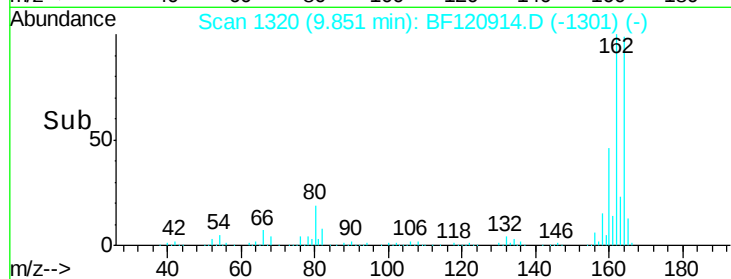
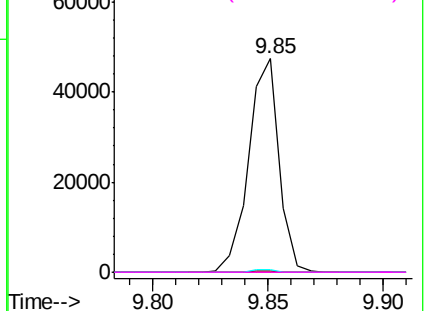


Abundance Ion 165.00 (164.70 to 165.70): E

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



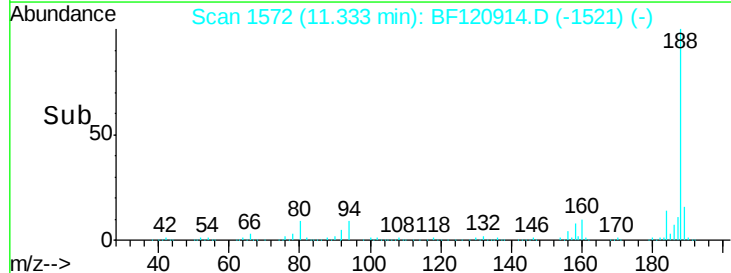
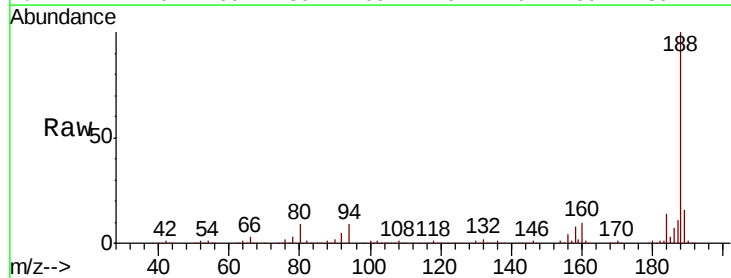
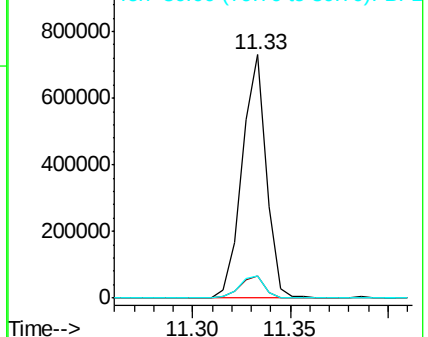
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

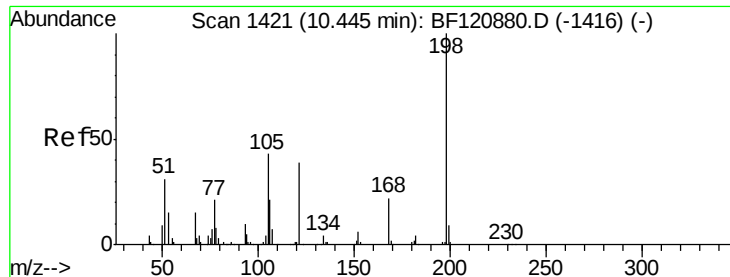
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.0	8.3	12.5

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

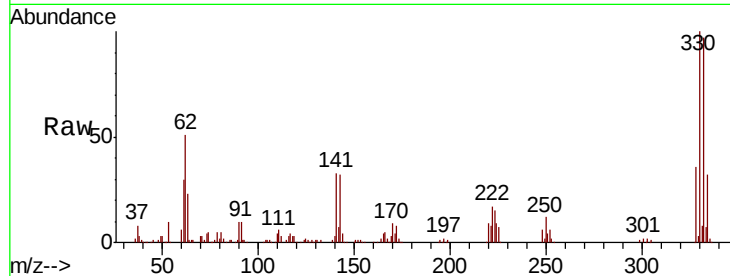




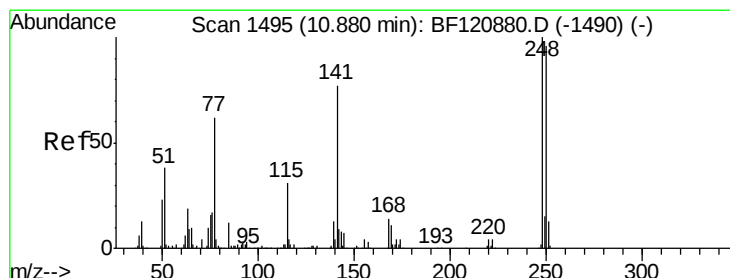
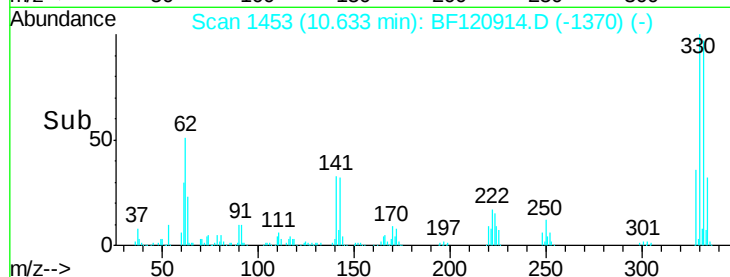
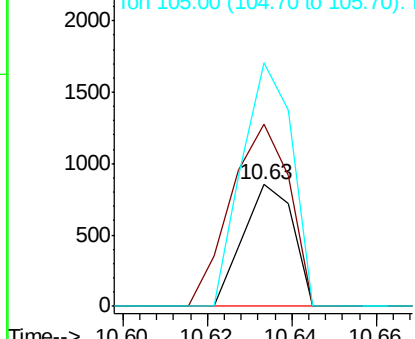
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.020 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130249TB

Tot Ion:198 Resp: 701
 Ion Ratio Lower Upper
 198 100
 51 149.3 19.5 59.5#
 105 200.1 24.4 64.4#

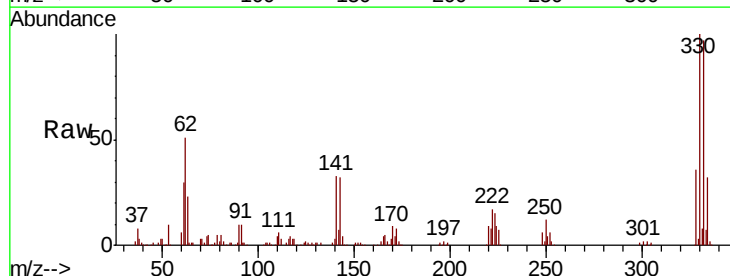


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

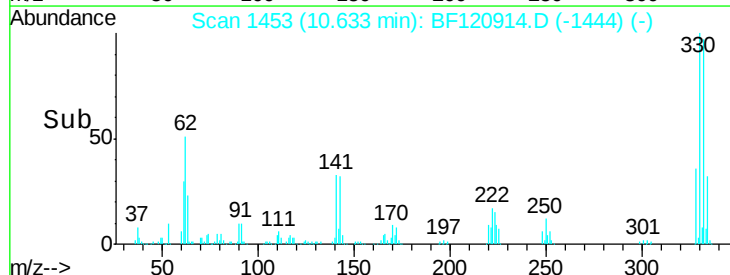
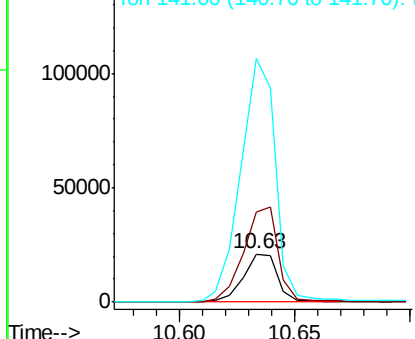


#67
 4-Bromophenyl-phenylether
 Concen: 3.125 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Tgt Ion:248 Resp: 21848
 Ion Ratio Lower Upper
 248 100
 250 188.9 77.1 115.7#
 141 509.4 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: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

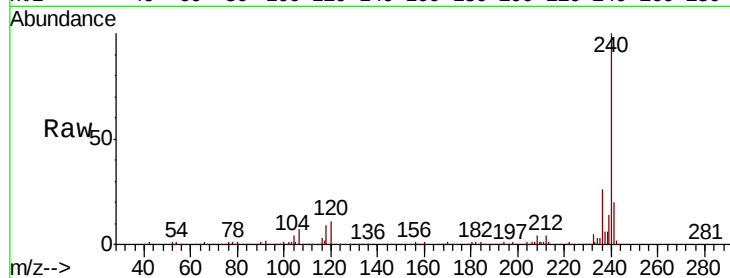
Tot Ion:240 Resp: 503593

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

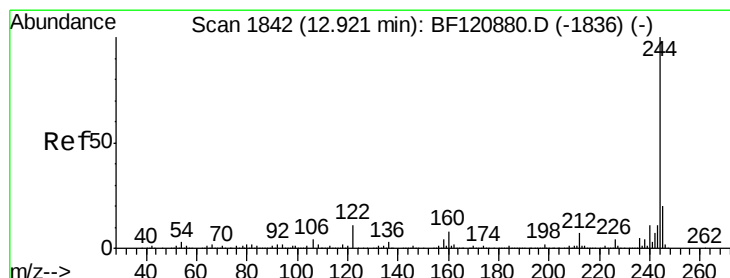
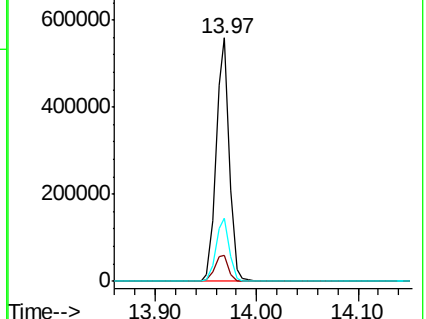
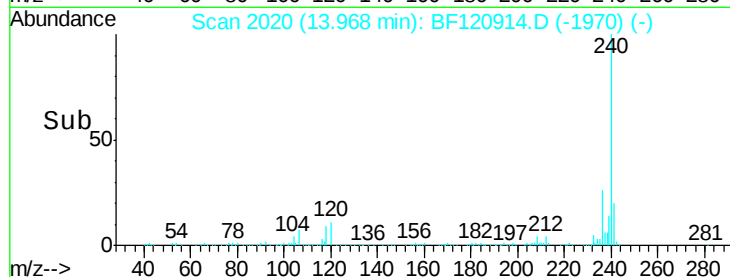
236 25.8 21.7 32.5



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: 65.080 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

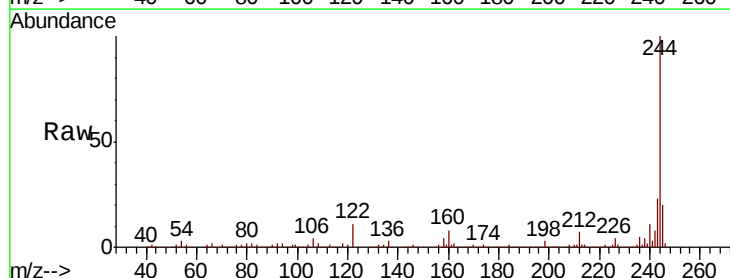
Tgt Ion:244 Resp: 1507695

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

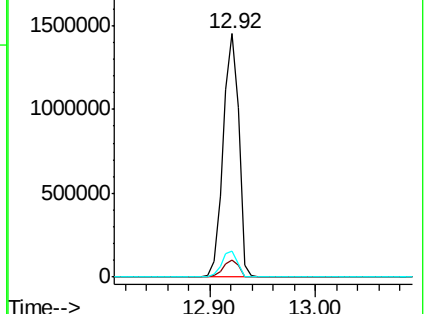
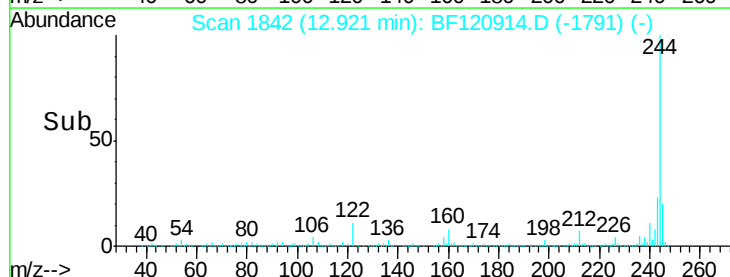
122 10.9 8.9 13.3

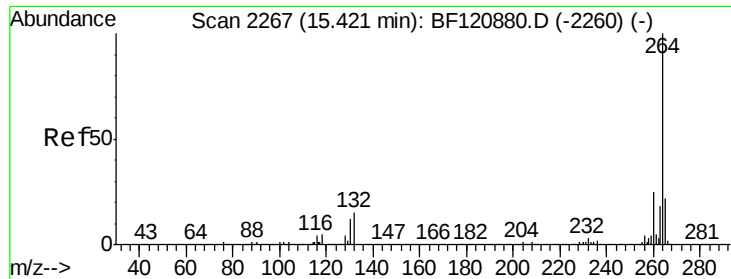


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

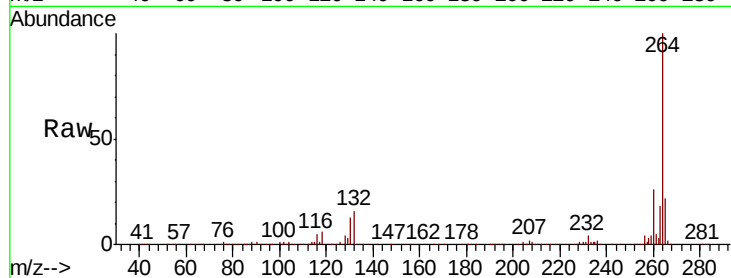




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tot Ion: 264 Resp: 463318
Ion Ratio Lower Upper
264 100
260 25.7 20.0 30.0
265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

