

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120927.D
 Acq On : 20 Jul 2020 9:57
 Operator : JU/CG
 Sample : PB130275BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130275BL

Quant Time: Jul 20 11:33:40 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	227353	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	868982	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	454202	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	879645	20.00	ng	0.00
76) Chrysene-d12	13.97	240	777708	20.00	ng	0.00
86) Perylene-d12	15.42	264	785924	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1414157	101.97	ng	0.02
7) Phenol-d6	6.45	99	1720193	96.02	ng	0.00
23) Nitrobenzene-d5	7.38	82	1101567	73.35	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	519201	104.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1938980	63.74	ng	0.00
79) Terphenyl-d14	12.93	244	1971371	55.10	ng	0.00

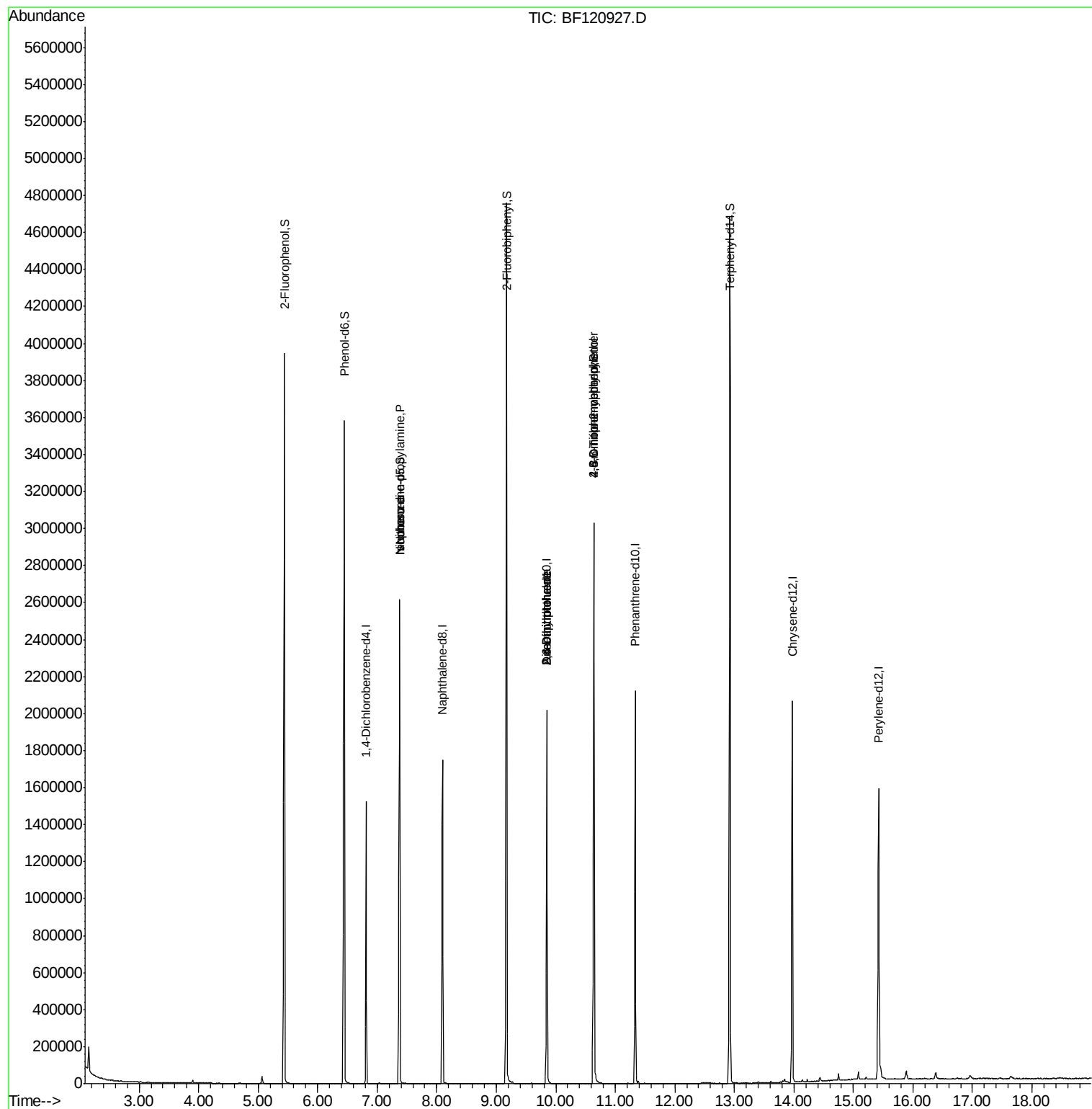
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	2518	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	144907	14.225	ng	# 77
25) Isophorone	7.38	82	1090739	36.391	ng	# 63
50) Dimethylphthalate	9.85	163	96220	2.936	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	57792	8.209	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	57792	6.251	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	1026	4.028	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	29627	3.021	ng	# 1

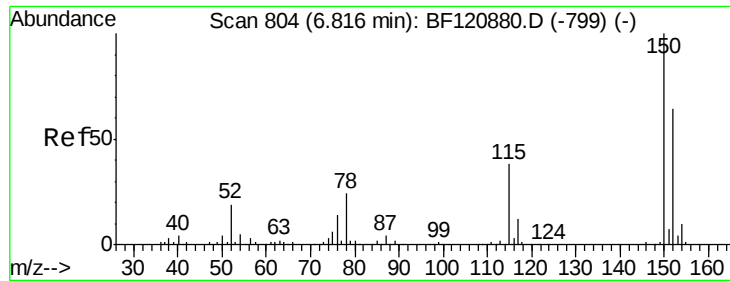
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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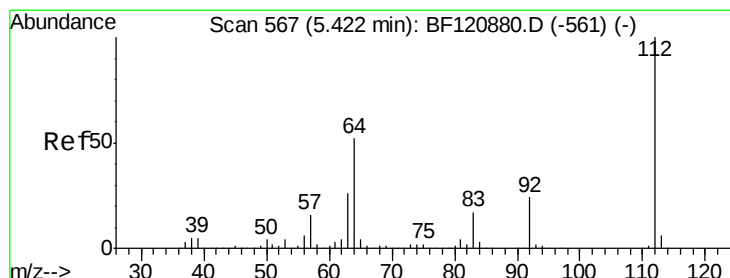
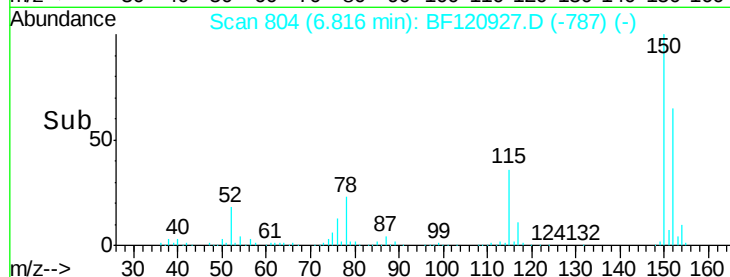
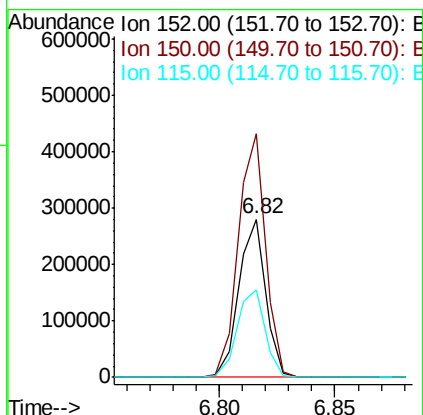
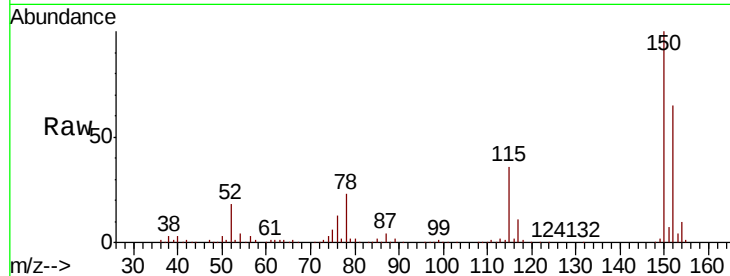


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Instrument :
BNA_F
ClientSampleId :
PB130275BL

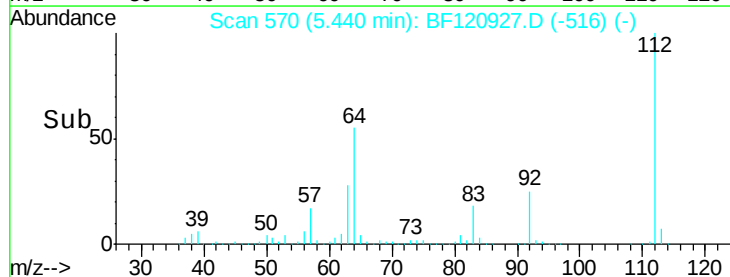
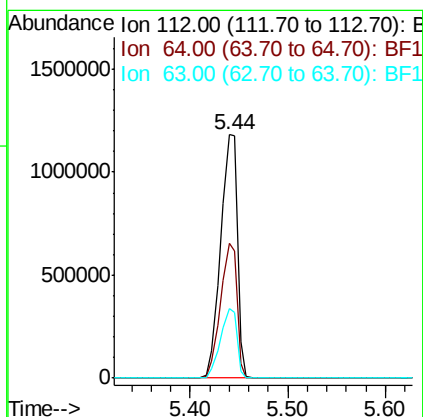
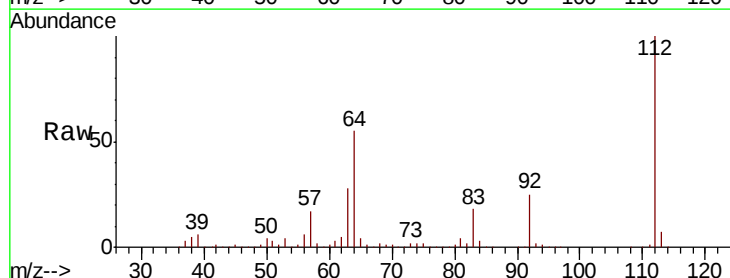
Tot Ion:152 Resp: 227353
Ion Ratio Lower Upper
152 100
150 154.0 125.0 187.6
115 55.4 47.0 70.4

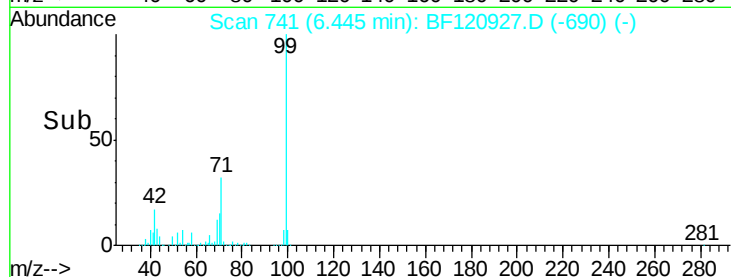
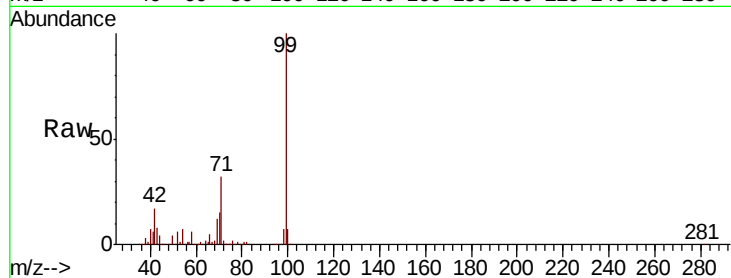
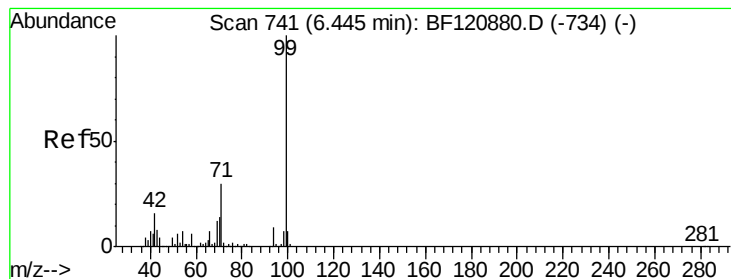


#5

2-Fluorophenol
Concen: 101.970 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Tgt Ion:112 Resp: 1414157
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.3 21.1 31.7





#7

Phenol-d6

Concen: 96.022 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

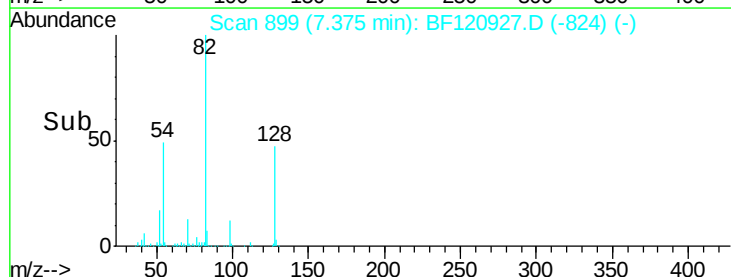
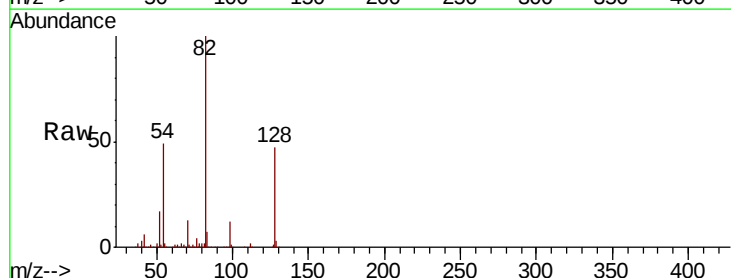
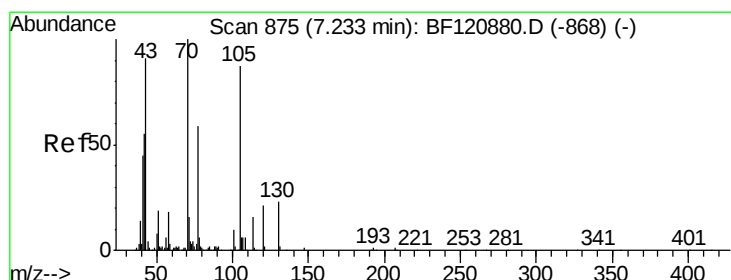
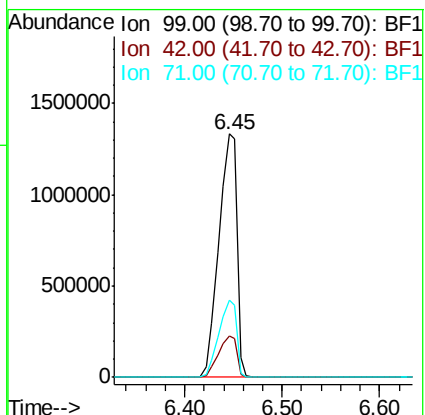
Tot Ion: 99 Resp: 1720193

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: 14.225 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Tgt Ion: 70 Resp: 144907

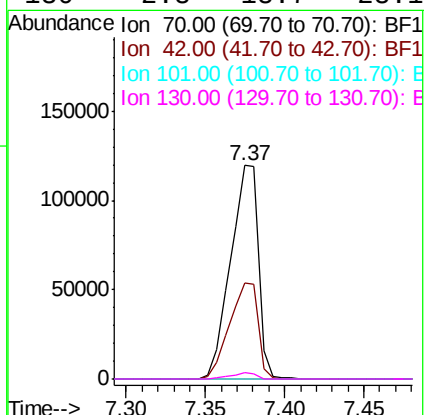
Ion Ratio Lower Upper

70 100

42 44.8 44.0 66.0

101 0.0 7.8 11.6#

130 2.8 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: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

Tot Ion:136 Resp: 868982

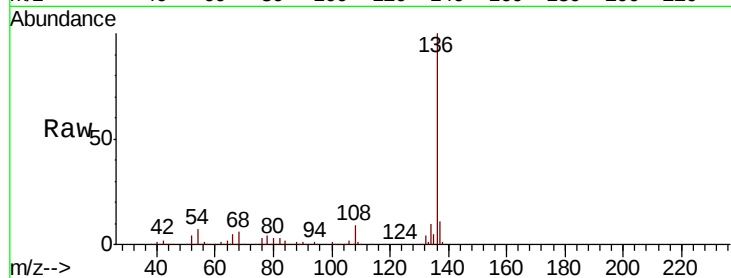
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.9 6.3 9.5

68 5.9 5.0 7.4

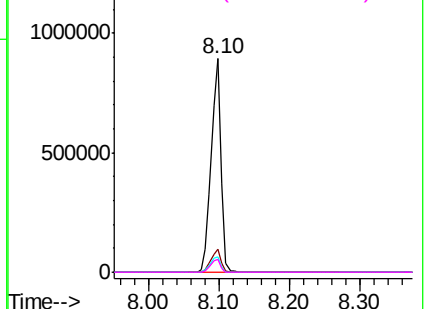
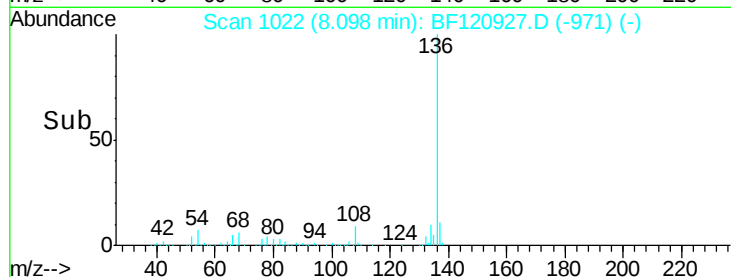


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.350 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

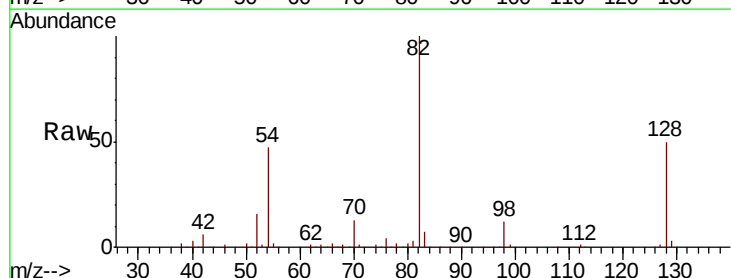
Tgt Ion: 82 Resp: 1101567

Ion Ratio Lower Upper

82 100

128 50.0 38.2 57.4

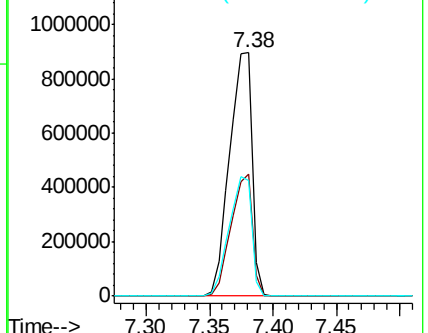
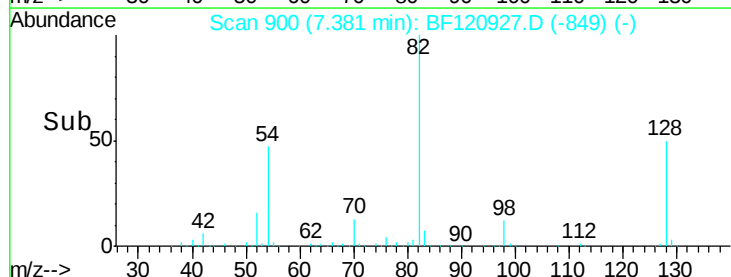
54 47.3 38.7 58.1



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: 36.391 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.26 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

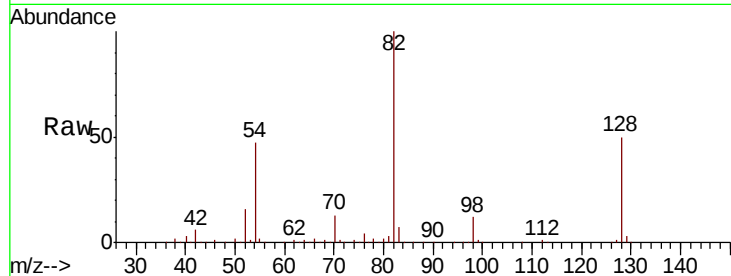
Tot Ion: 82 Resp: 1090739

Ion Ratio Lower Upper

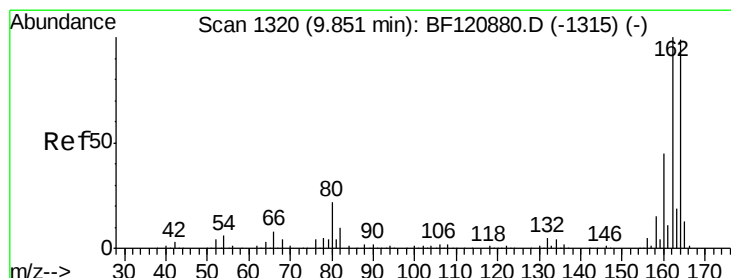
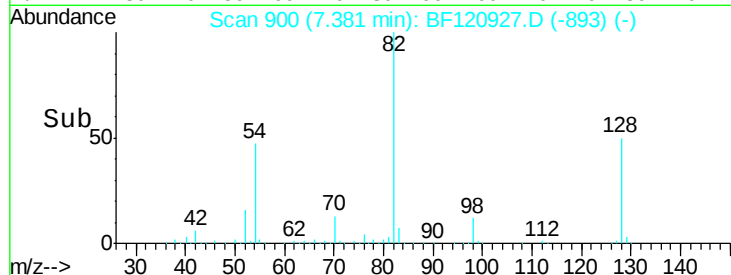
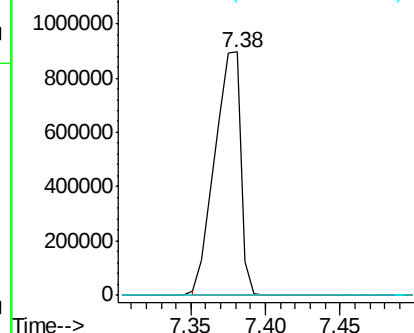
82 100

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

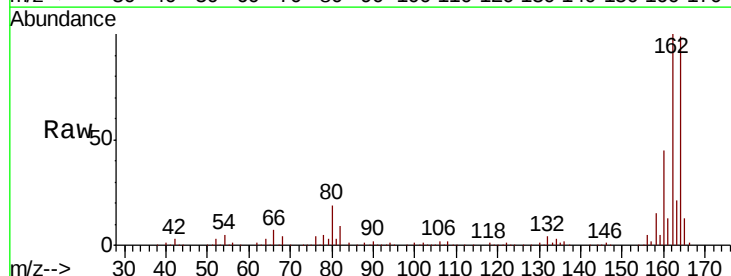
Tgt Ion: 164 Resp: 454202

Ion Ratio Lower Upper

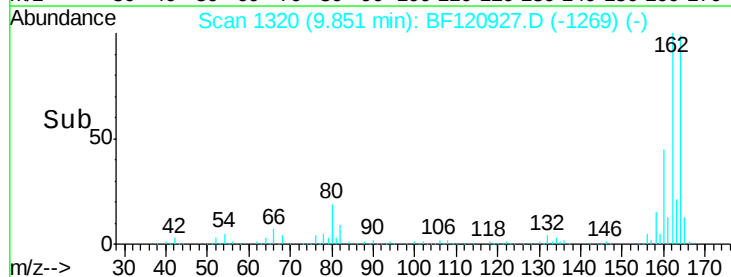
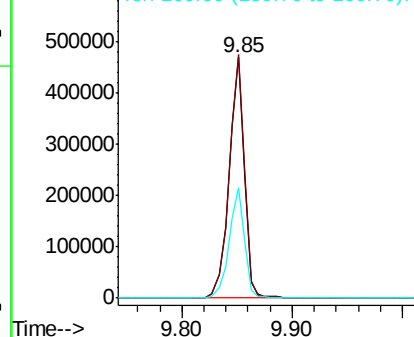
164 100

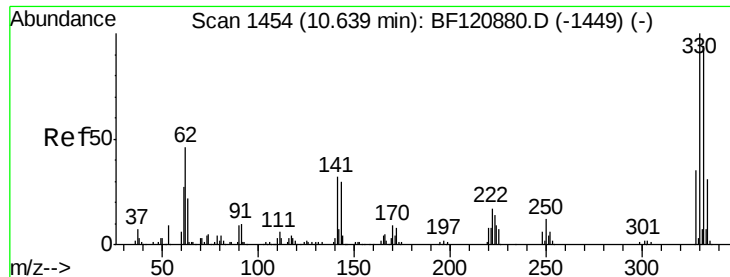
162 101.1 81.2 121.8

160 46.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

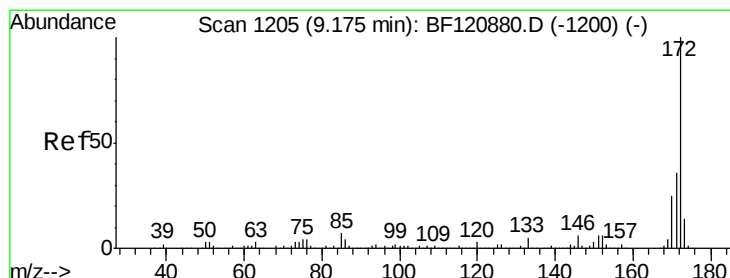
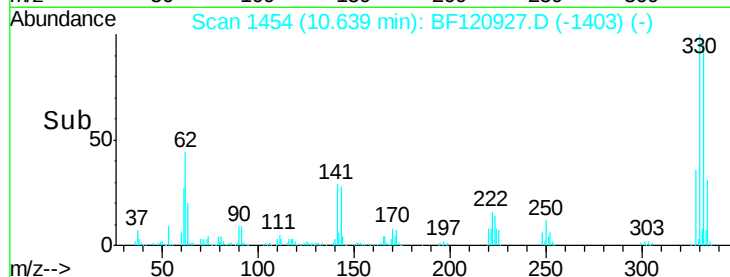
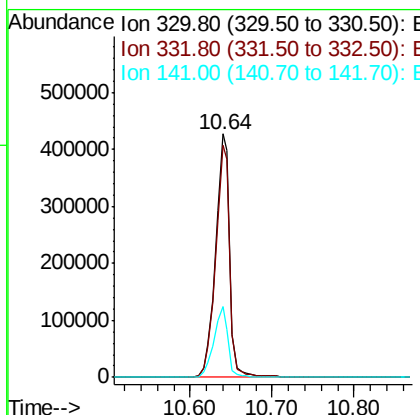
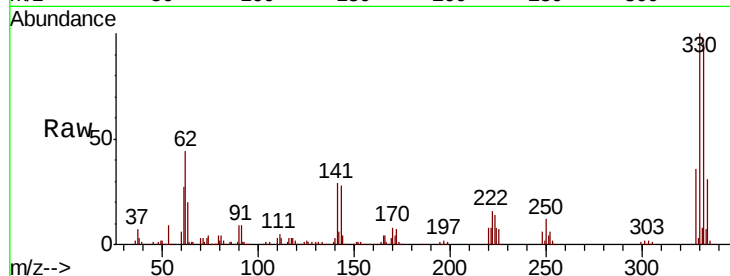




#42
 2,4,6-Tribromophenol
 Concen: 104.431 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

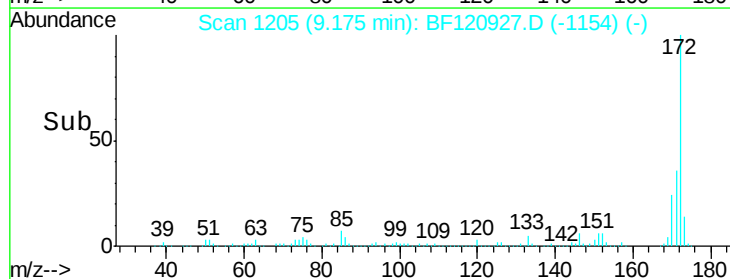
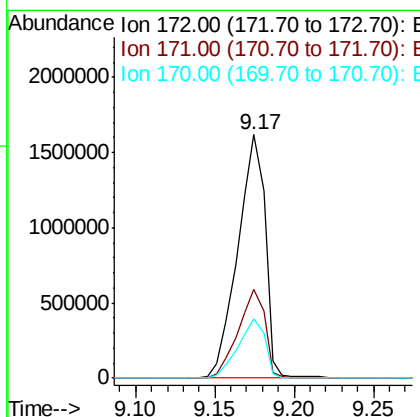
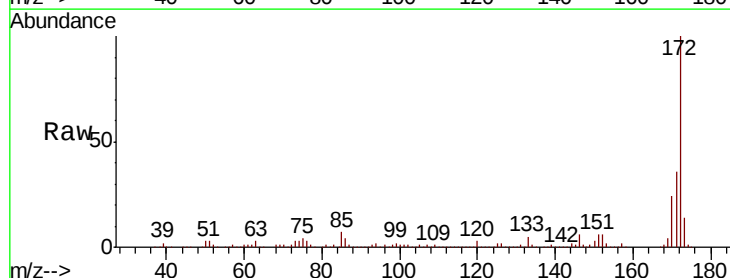
Instrument :
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 PB130275BL

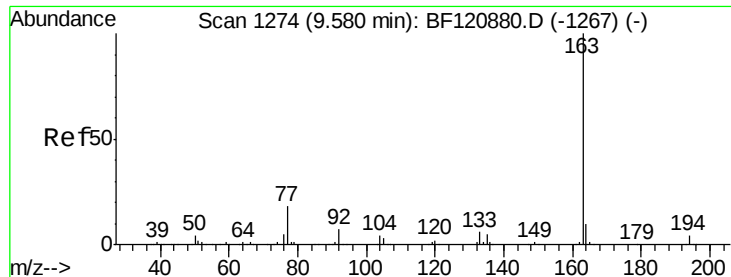
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.5	113.3
141	29.1	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 63.738 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.4	19.6	29.4





#50

Dimethylphthalate

Concen: 2.936 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

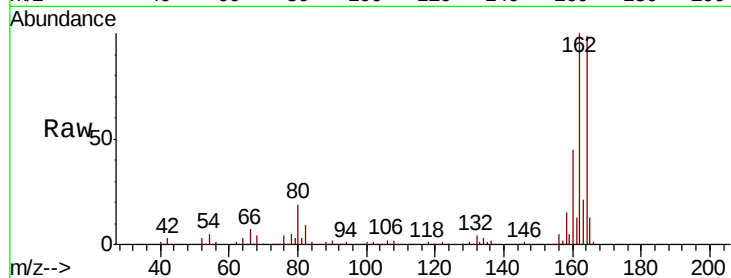
Tot Ion:163 Resp: 96220

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

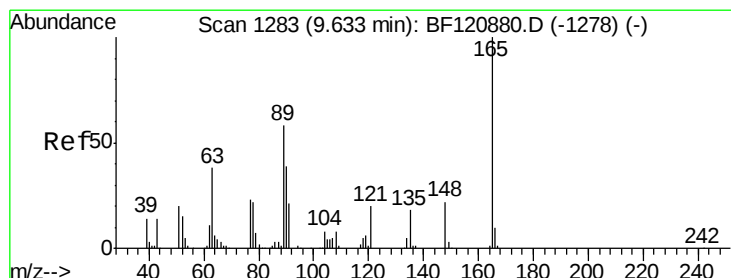
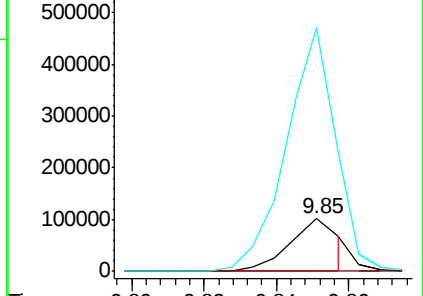
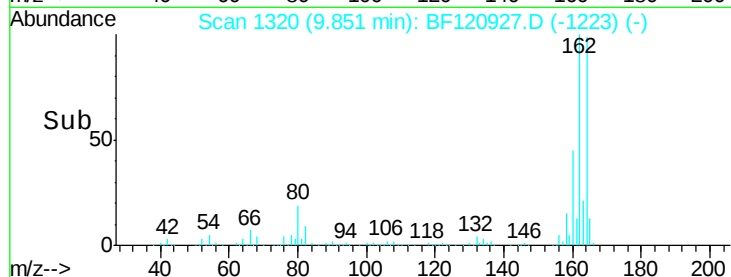
164 461.7 7.9 11.9#



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: 8.209 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

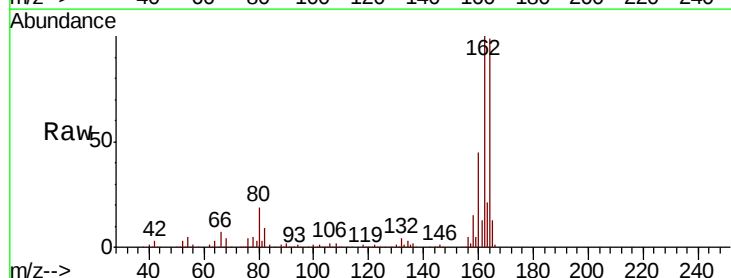
Tgt Ion:165 Resp: 57792

Ion Ratio Lower Upper

165 100

63 0.8 45.4 68.2#

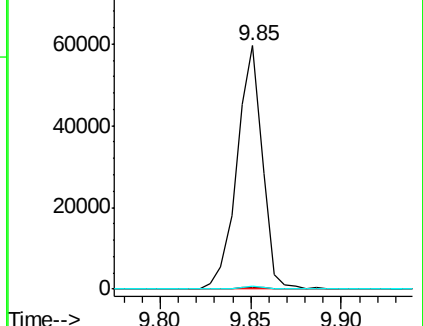
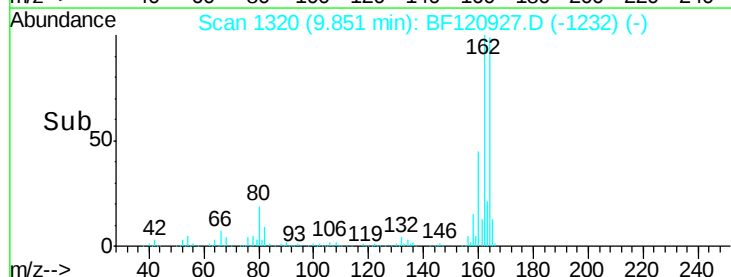
89 1.0 47.0 70.4#

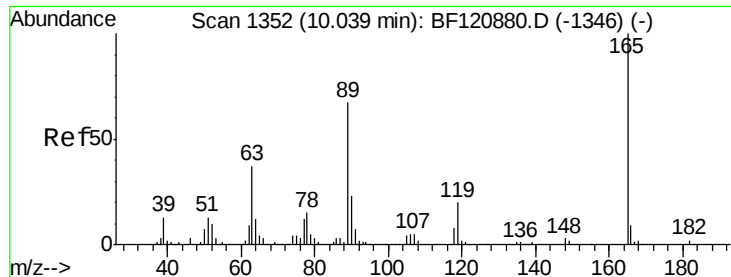


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

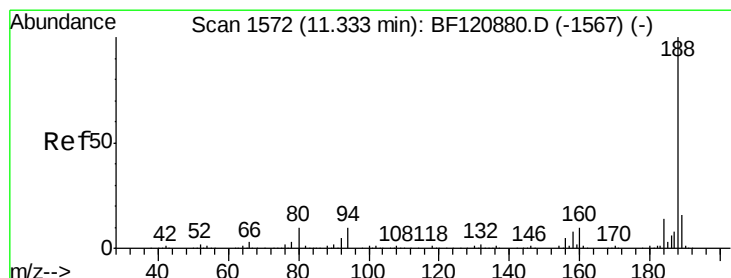
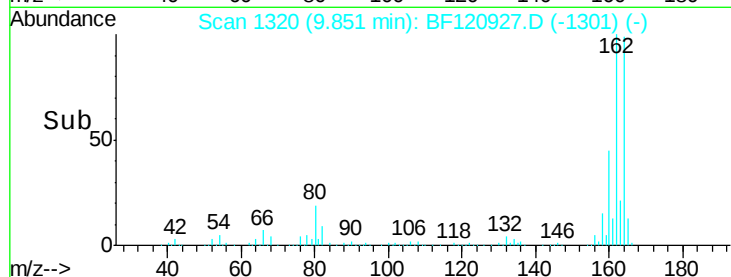
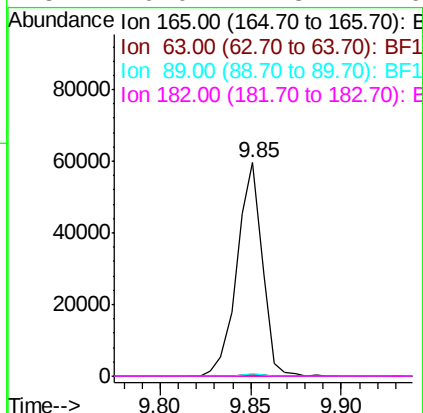
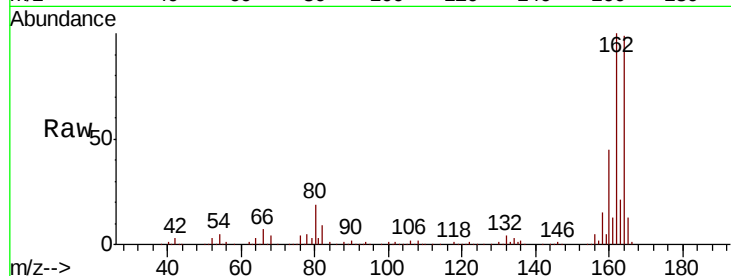




#57
 2,4-Dinitrotoluene
 Concen: 6.251 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

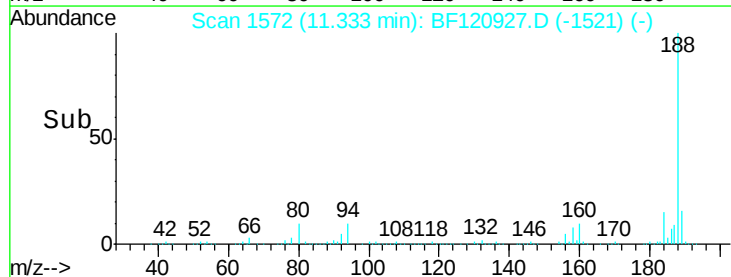
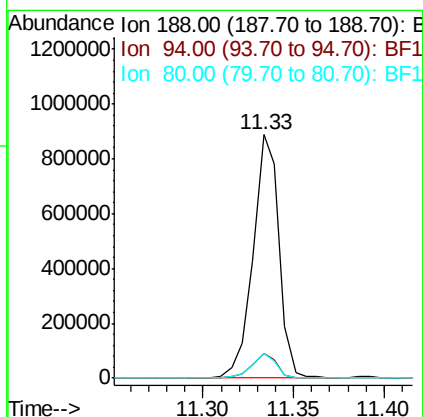
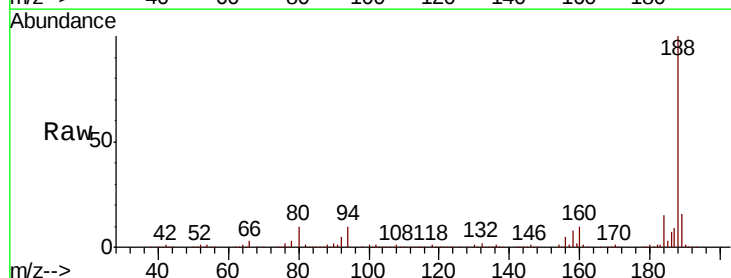
Instrument :
 BNA_F
 ClientSampleId :
 PB130275BL

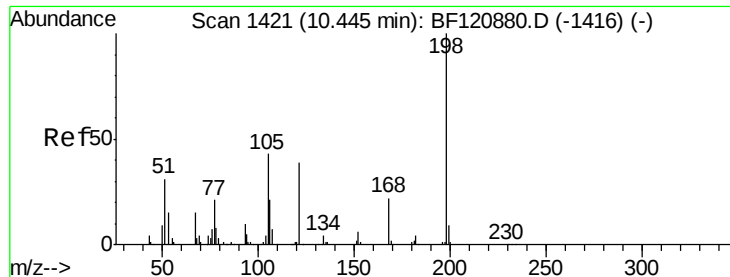
Tot Ion:165	Resp:	57792
Ion Ratio	Lower	Upper
165	100	
63	0.8	29.4 44.2#
89	1.0	53.4 80.0#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120927.D
 Acq: 20 Jul 2020 9:57

Tgt Ion:188	Resp:	879645
Ion Ratio	Lower	Upper
188	100	
94	10.0	8.0 12.0
80	10.3	8.3 12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 4.028 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

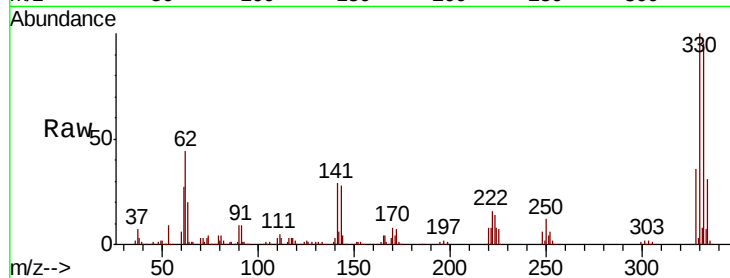
Tot Ion:198 Resp: 1026

Ion Ratio Lower Upper

198 100

51 148.4 19.5 59.5#

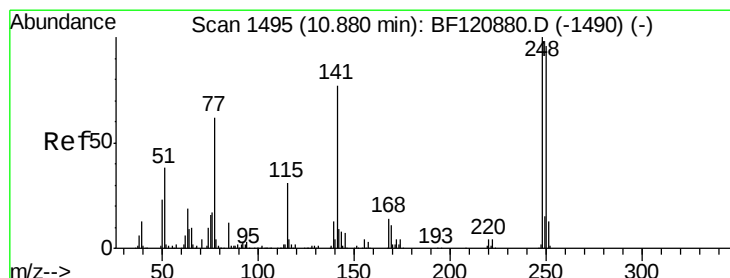
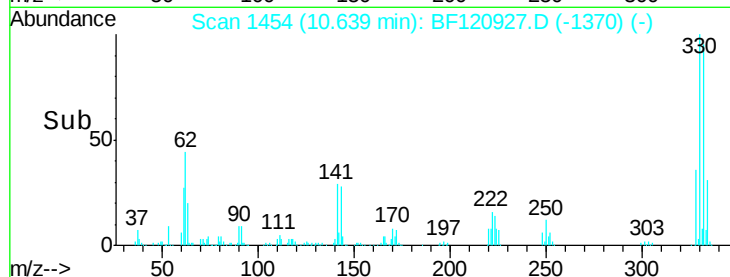
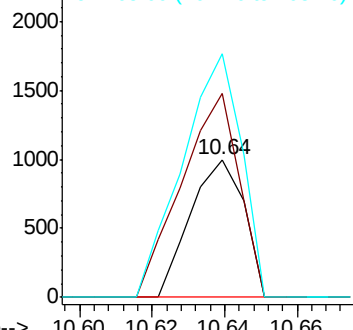
105 176.9 24.4 64.4#



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: 3.021 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

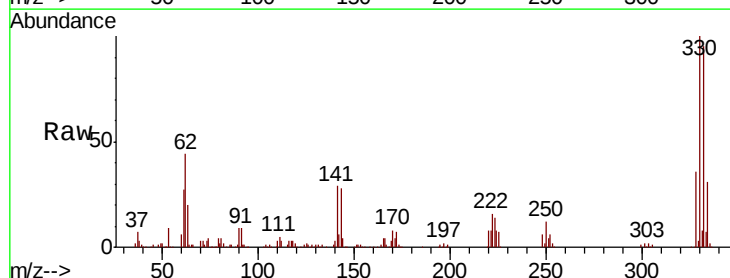
Tgt Ion:248 Resp: 29627

Ion Ratio Lower Upper

248 100

250 201.1 77.1 115.7#

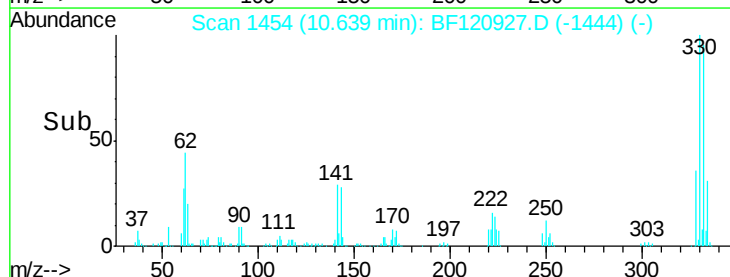
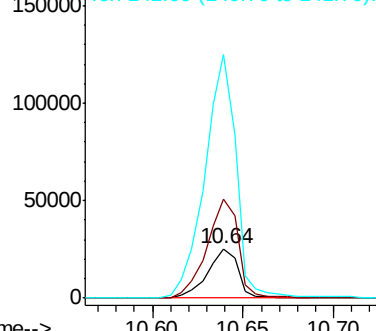
141 494.4 61.2 91.8#



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# 2021

Delta R.T. 0.00 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

Instrument :

BNA_F

ClientSampleId :

PB130275BL

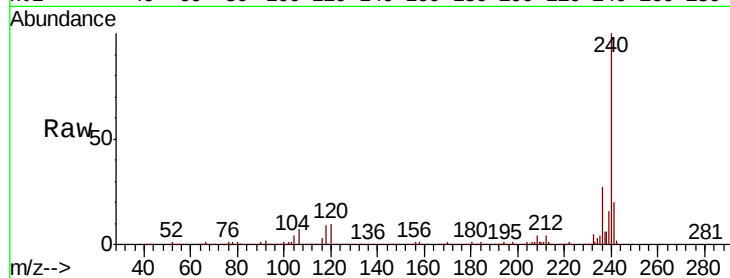
Tot Ion:240 Resp: 777708

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

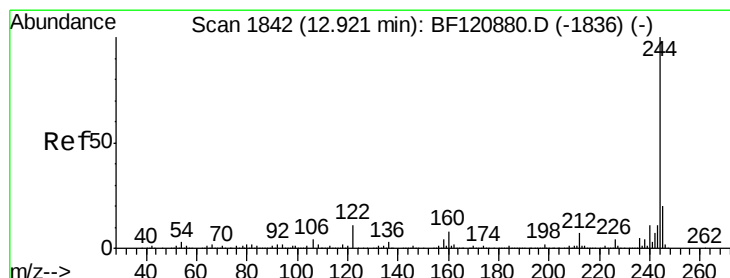
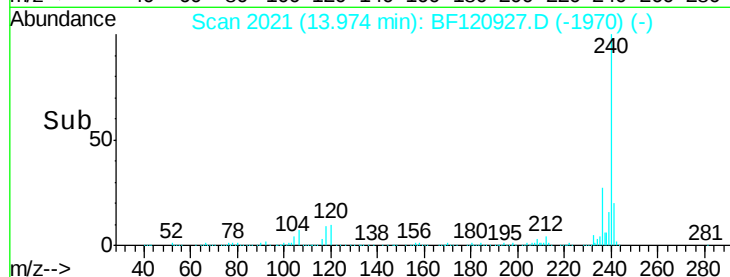
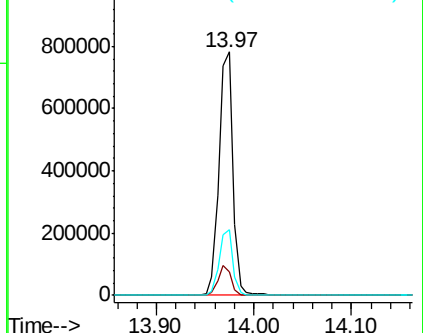
236 26.9 21.7 32.5



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: 55.102 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120927.D

Acq: 20 Jul 2020 9:57

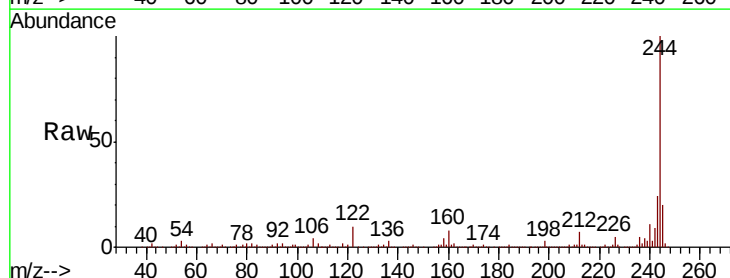
Tgt Ion:244 Resp: 1971371

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

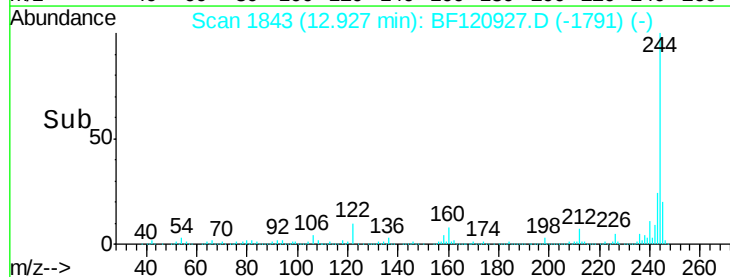
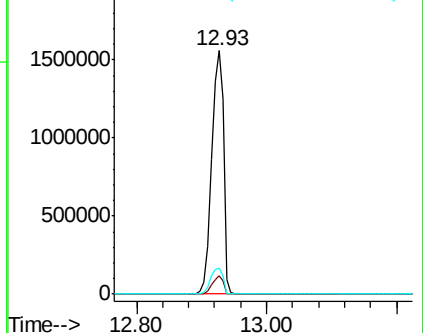
122 10.5 8.9 13.3

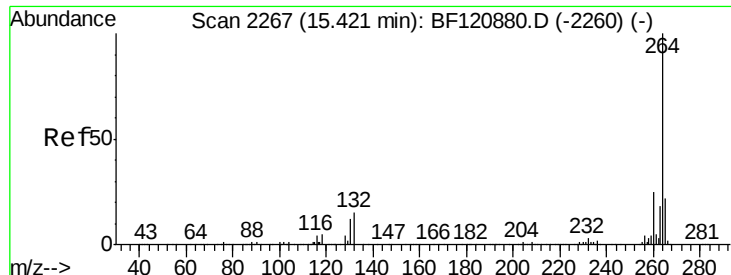


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

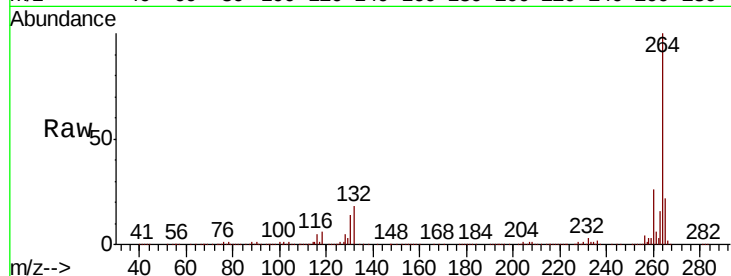




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120927.D
Acq: 20 Jul 2020 9:57

Instrument :
BNA_F
ClientSampleId :
PB130275BL

Tot Ion:	264	Resp:	785924
Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.0	30.0
265	22.2	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

