

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120908.D
 Acq On : 17 Jul 2020 2:18
 Operator : JU/CG
 Sample : L3308-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 16

Quant Time: Jul 17 03:10:48 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

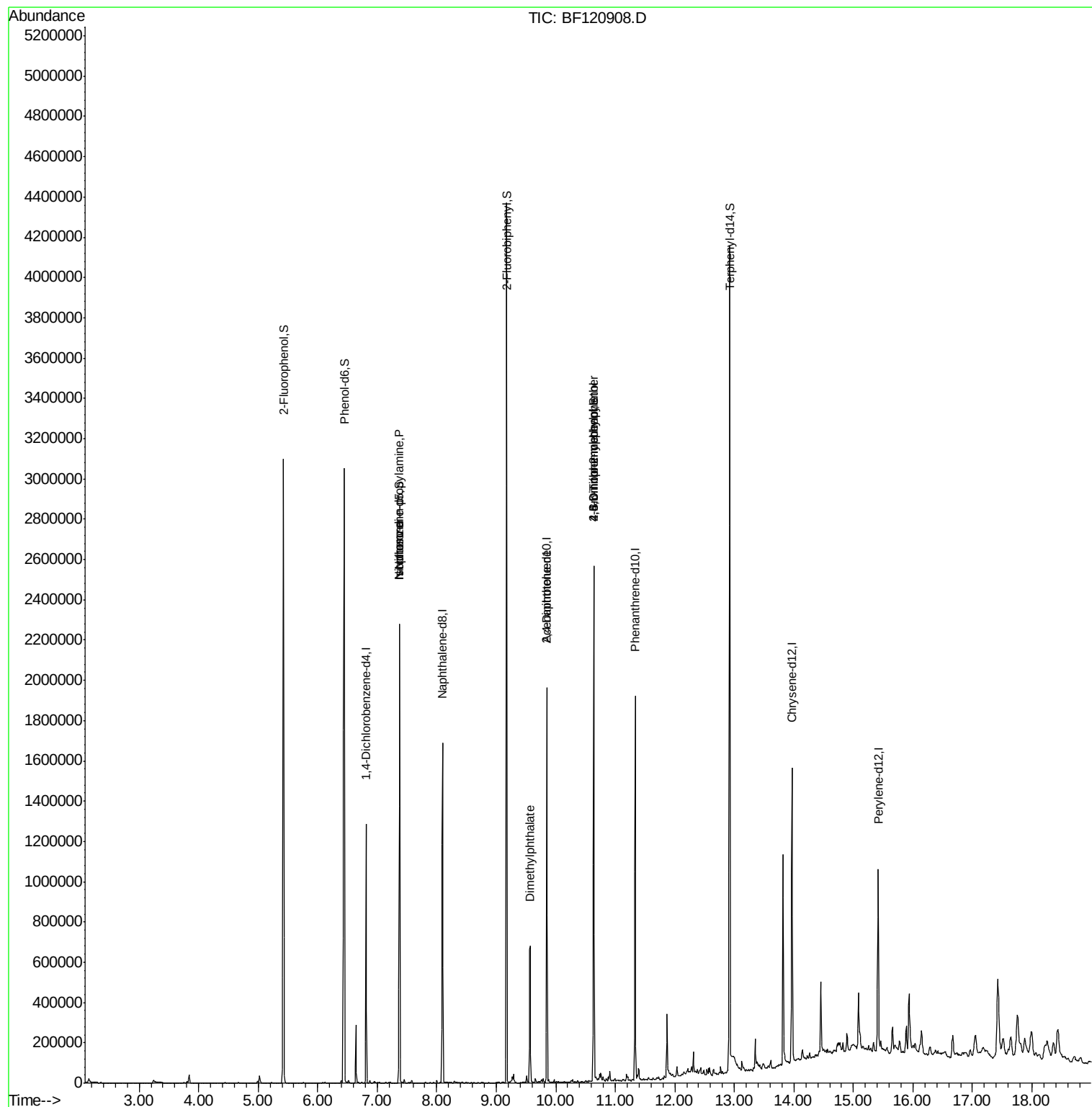
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178730	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	676565	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	356103	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	670035	20.00	ng	0.00
76) Chrysene-d12	13.97	240	456154	20.00	ng	0.00
86) Perylene-d12	15.42	264	407380	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	962018	88.24	ng	0.00
7) Phenol-d6	6.45	99	1181835	83.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	716062	61.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	347367	89.12	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1297416	54.40	ng	0.00
79) Terphenyl-d14	12.92	244	1332892	63.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	386	Below Cal		Qvalue # 40
19) n-Nitroso-di-n-propylamine	7.37	70	94664	11.821	ng	# 78
25) Isophorone	7.37	82	715641	30.667	ng	# 63
50) Dimethylphthalate	9.57	163	273999	10.665	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	46472	6.412	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	674	4.002	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	20083	2.688	ng	# 1

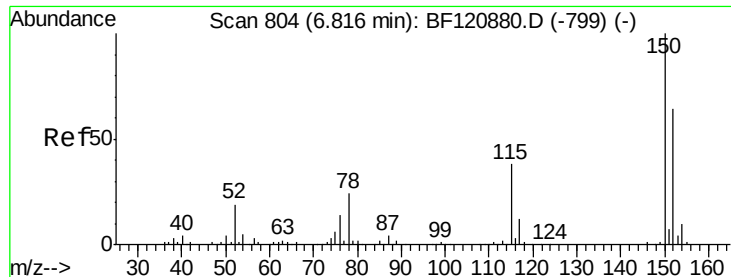
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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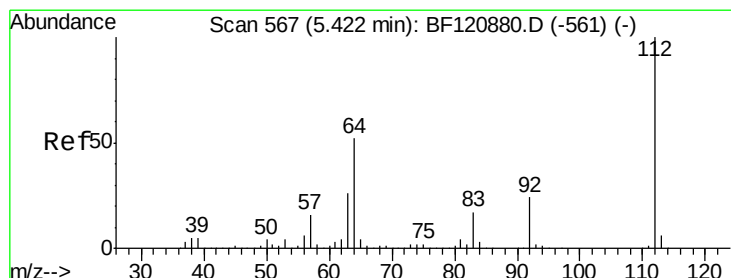
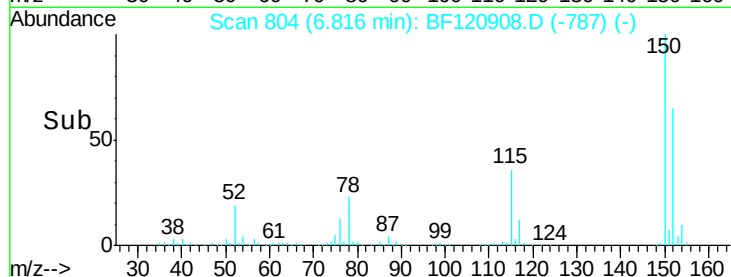
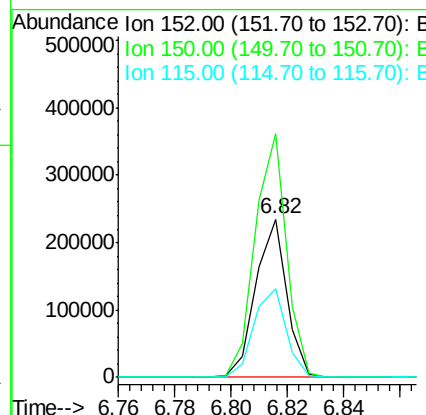
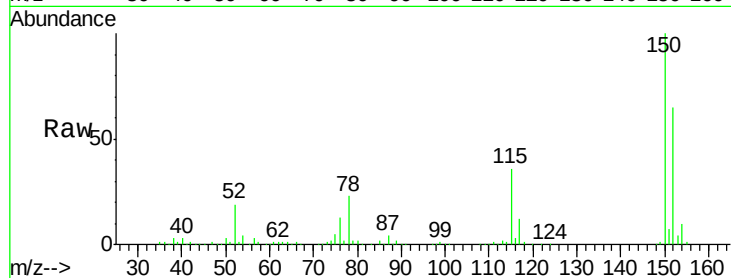


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Instrument :
BNA_F
ClientSampleId :
16

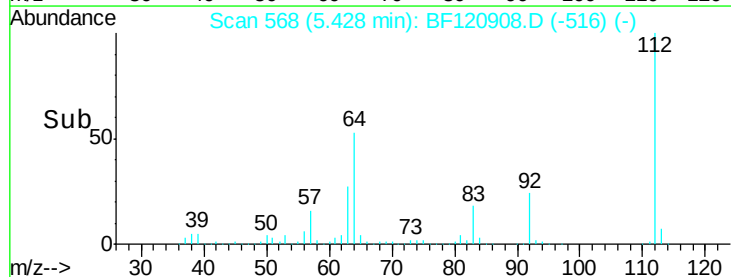
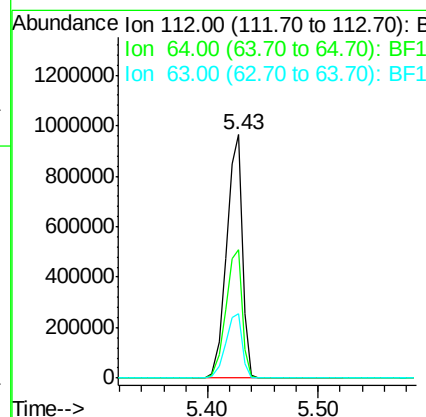
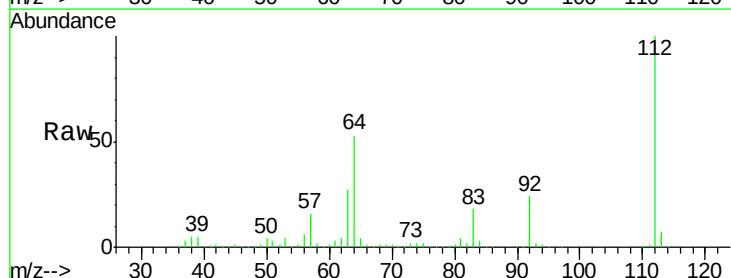
Tot Ion:152 Resp: 178730
Ion Ratio Lower Upper
152 100
150 153.7 125.0 187.6
115 55.8 47.0 70.4

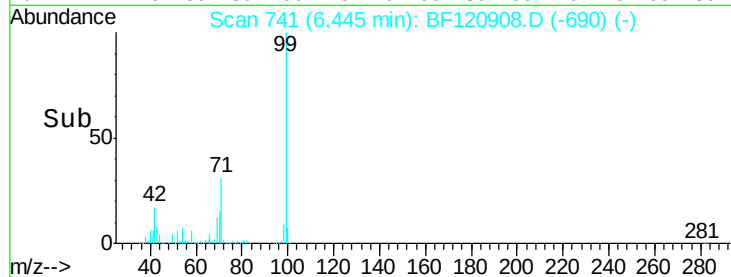
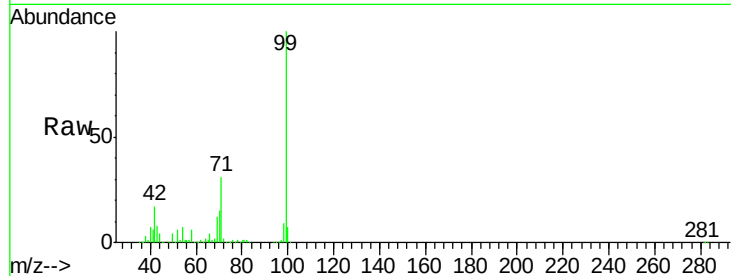
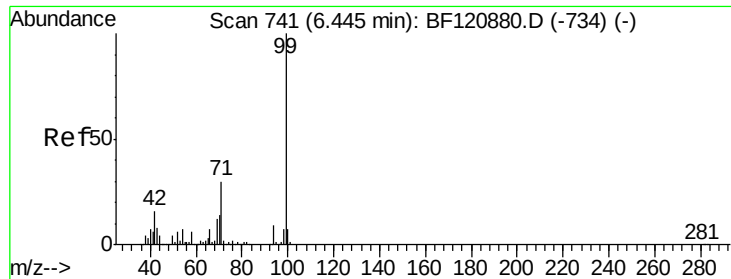


#5

2-Fluorophenol
Concen: 88.239 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Tgt Ion:112 Resp: 962018
Ion Ratio Lower Upper
112 100
64 52.6 41.3 61.9
63 26.7 21.1 31.7





#7

Phenol-d6

Concen: 83.918 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

BNA_F

ClientSampleId :

16

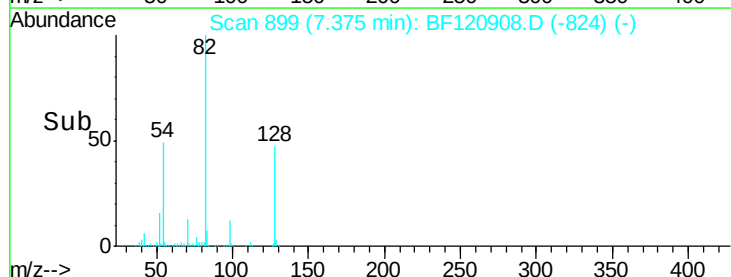
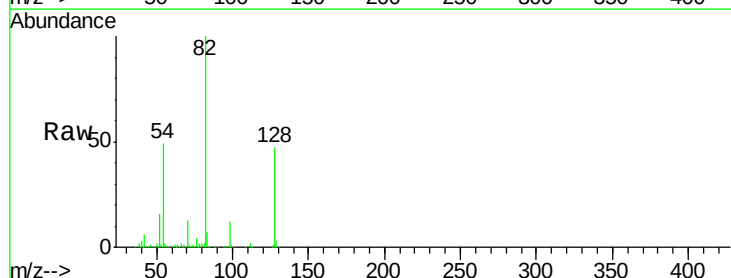
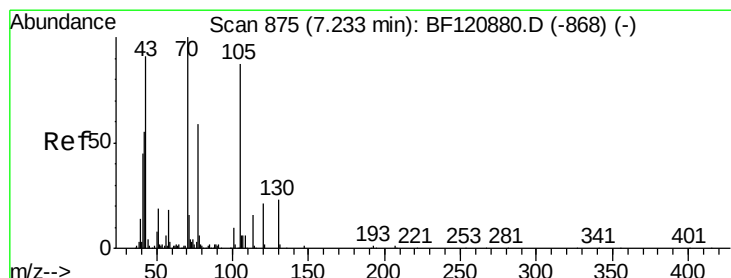
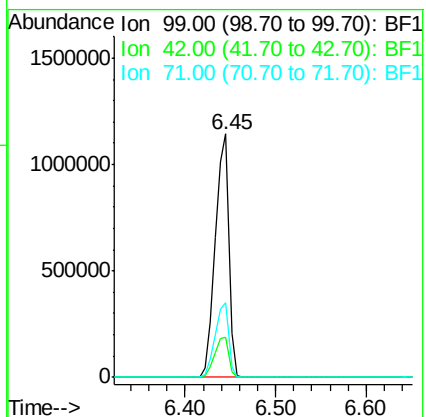
Tot Ion: 99 Resp: 1181835

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

71 30.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.821 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Tgt Ion: 70 Resp: 94664

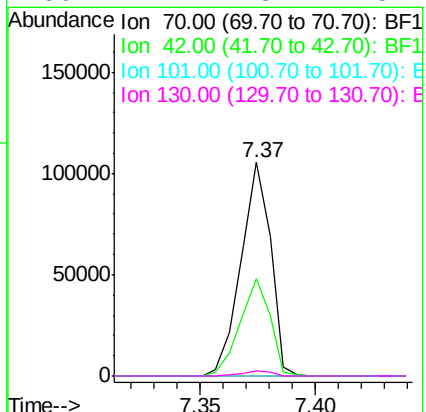
Ion Ratio Lower Upper

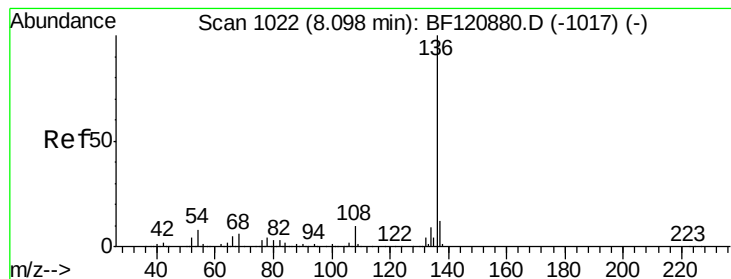
70 100

42 45.7 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: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

BNA_F

ClientSampleId :

16

Tot Ion:136 Resp: 676565

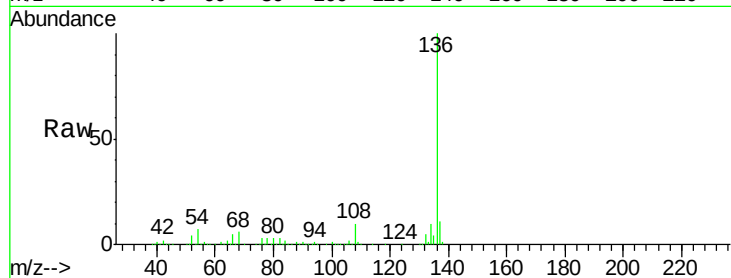
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.0 6.3 9.5

68 5.8 5.0 7.4

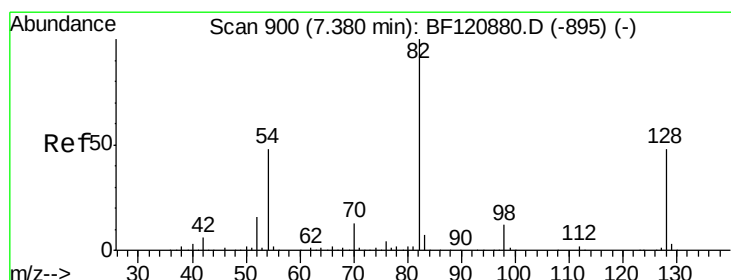
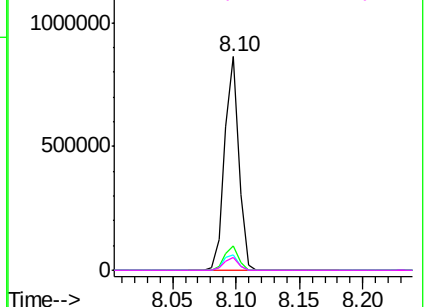
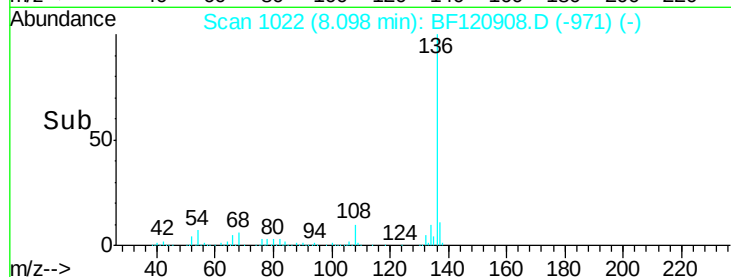


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.241 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

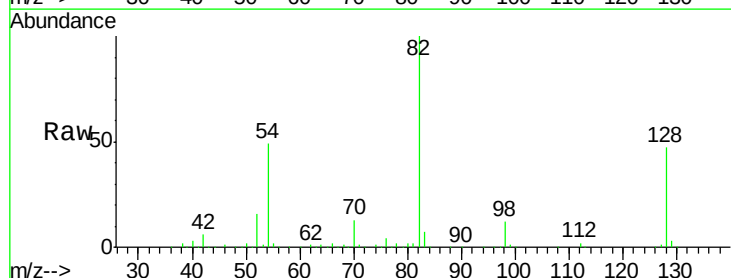
Tgt Ion: 82 Resp: 716062

Ion Ratio Lower Upper

82 100

128 47.0 38.2 57.4

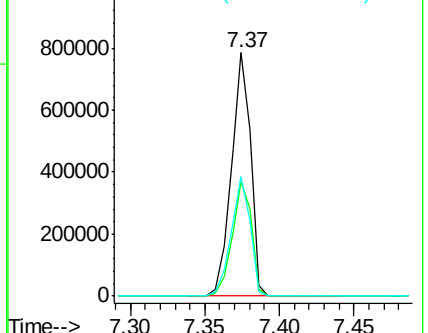
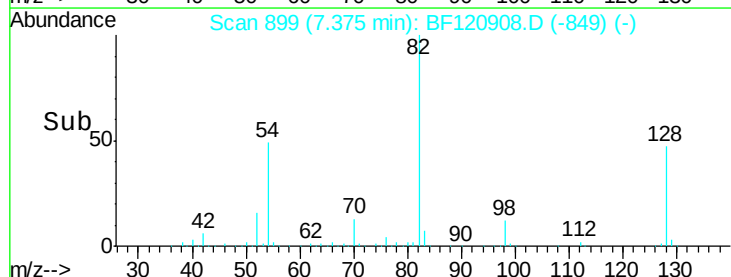
54 49.2 38.7 58.1

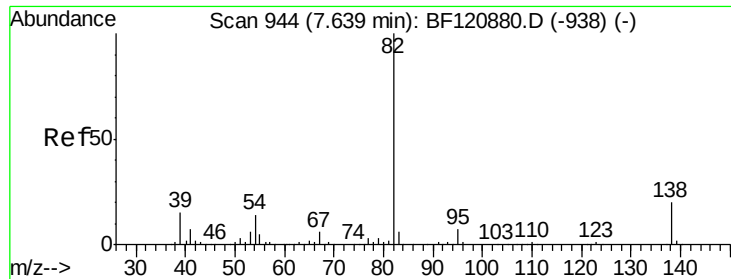


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 30.667 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

BNA_F

ClientSampleId :

16

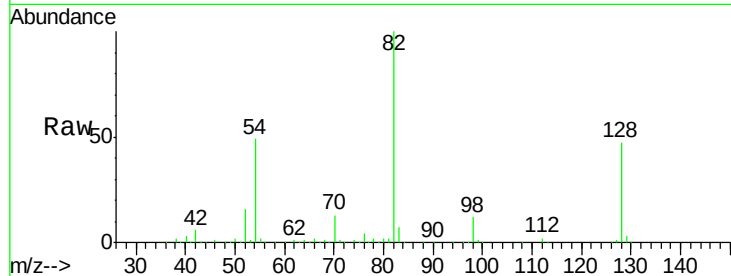
Tot Ion: 82 Resp: 715641

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

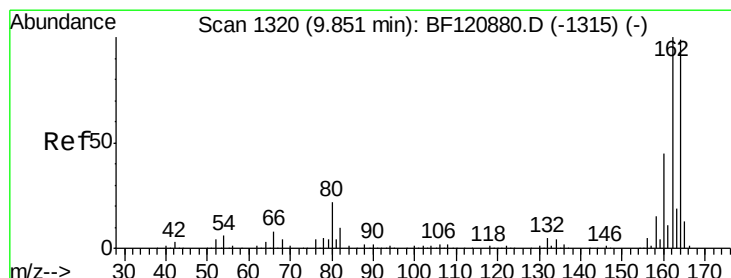
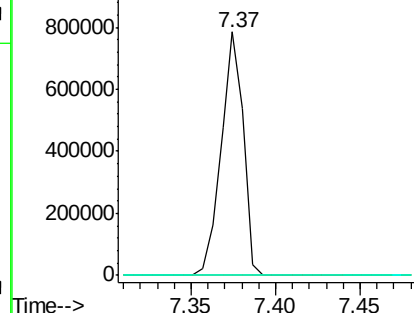
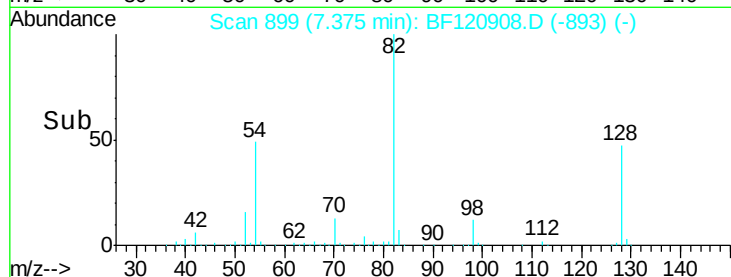
138 0.0 15.6 23.4#



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: BF120908.D

Acq: 17 Jul 2020 2:18

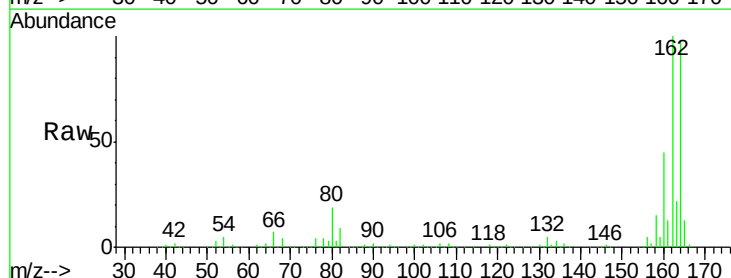
Tgt Ion: 164 Resp: 356103

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

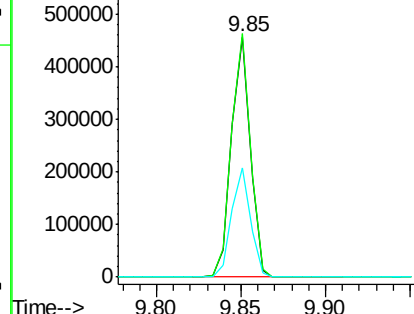
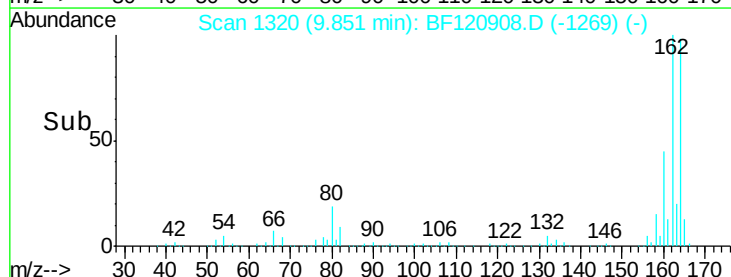
160 45.8 36.9 55.3

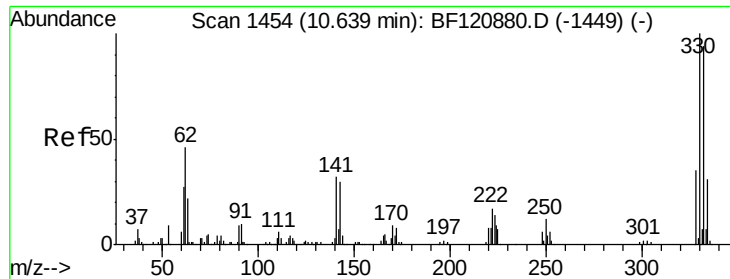


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

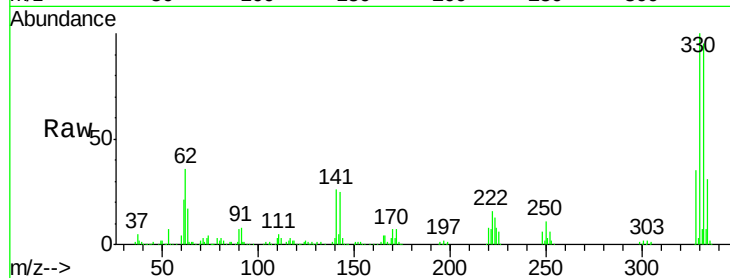




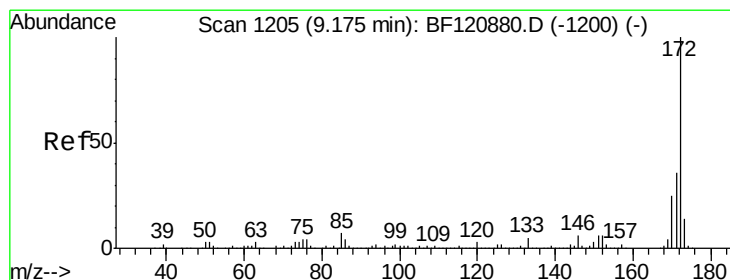
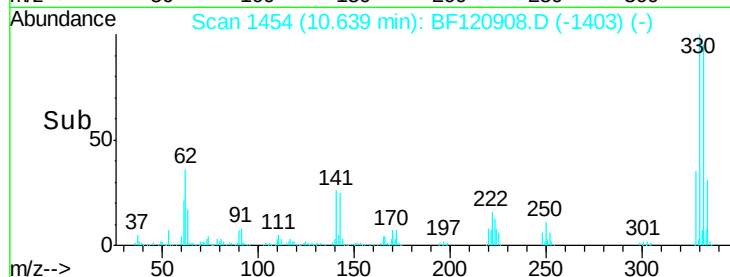
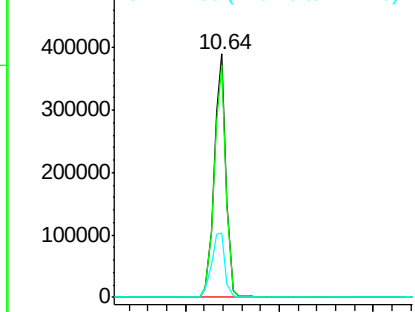
#42
 2,4,6-Tribromophenol
 Concen: 89.116 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

Instrument :
 BNA_F
 ClientSampleId :
 16

Tot Ion:330 Resp: 347367
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 29.9 25.7 38.5

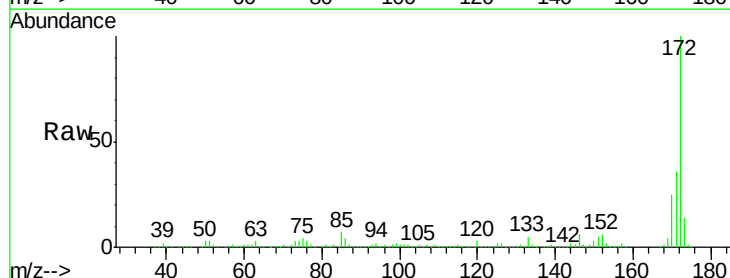


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

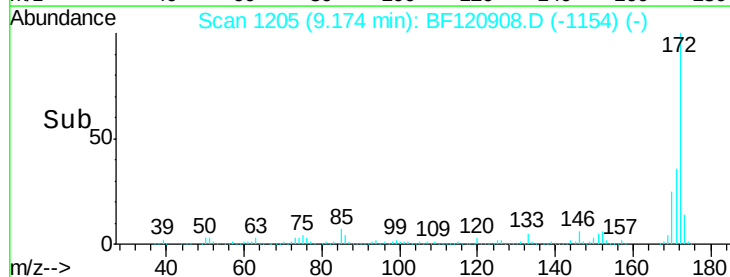
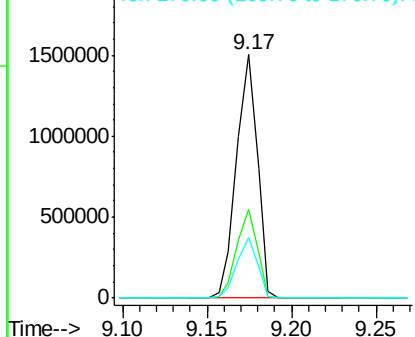


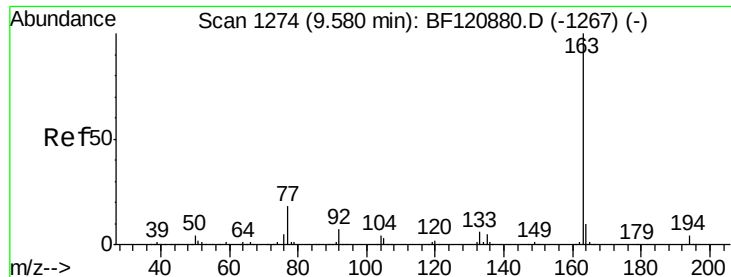
#45
 2-Fluorobiphenyl
 Concen: 54.397 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF120908.D
 Acq: 17 Jul 2020 2:18

Tgt Ion:172 Resp: 1297416
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.8 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

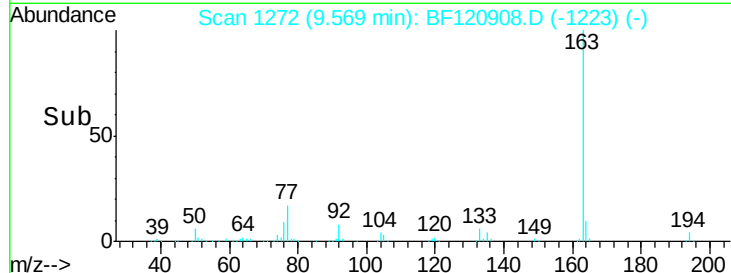
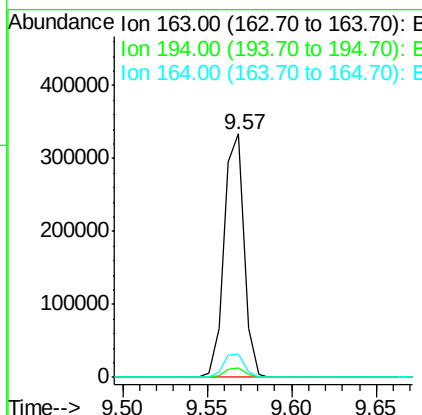
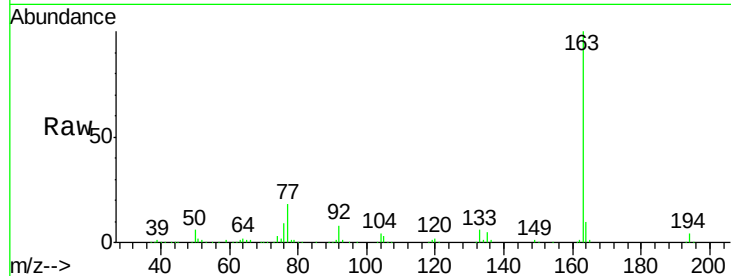




#50
Dimethylphthalate
Concen: 10.665 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

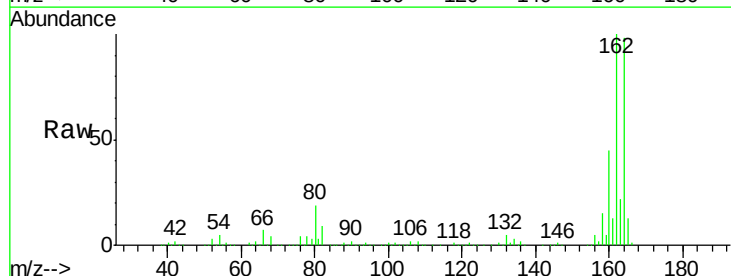
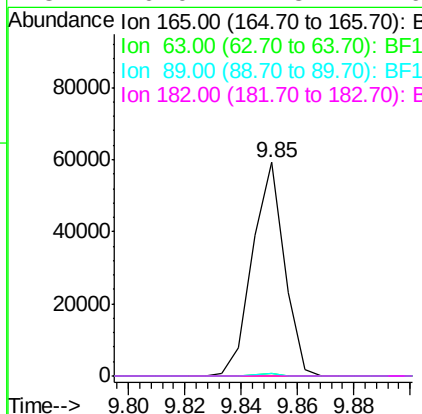
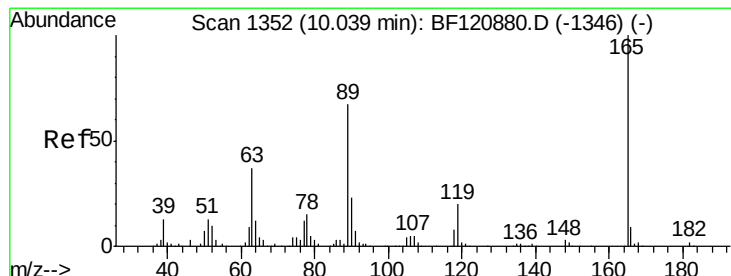
Instrument :
BNA_F
ClientSampleId :
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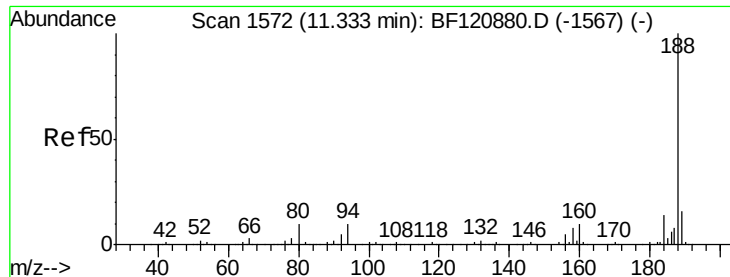
Tot Ion:163 Resp: 273999
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.7 7.9 11.9



#57
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Tgt Ion:165 Resp: 46472
Ion Ratio Lower Upper
165 100
63 1.0 29.4 44.2#
89 1.3 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: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

BNA_F

ClientSampleId :

16

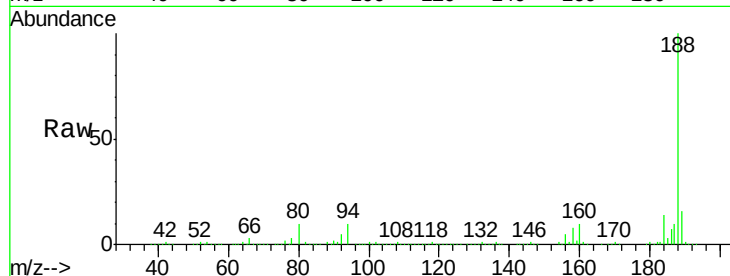
Tot Ion:188 Resp: 670035

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

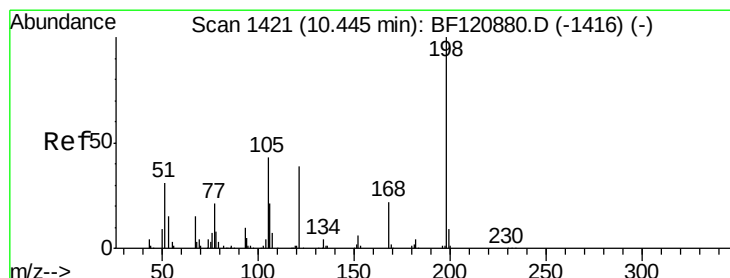
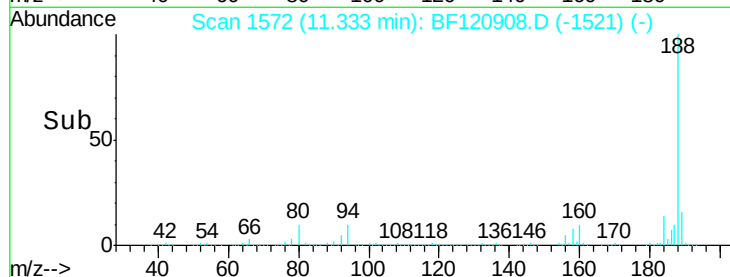
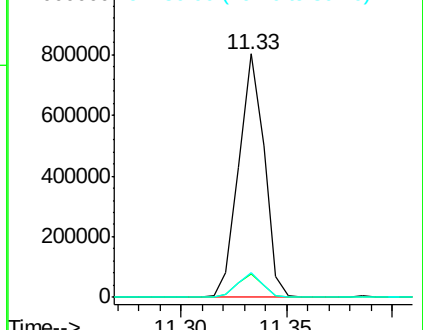
80 10.1 8.3 12.5



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: 4.002 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

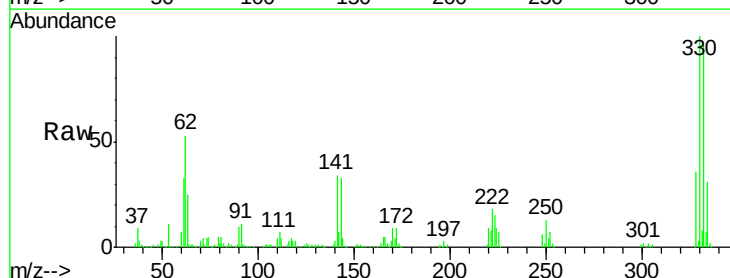
Tgt Ion:198 Resp: 674

Ion Ratio Lower Upper

198 100

51 155.6 19.5 59.5#

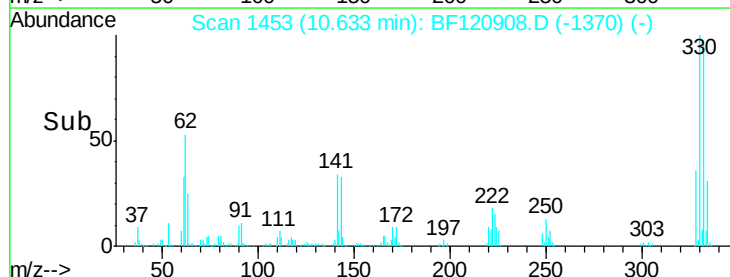
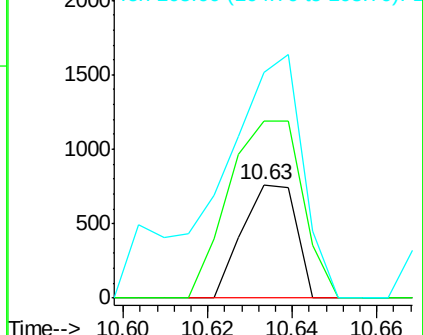
105 198.7 24.4 64.4#

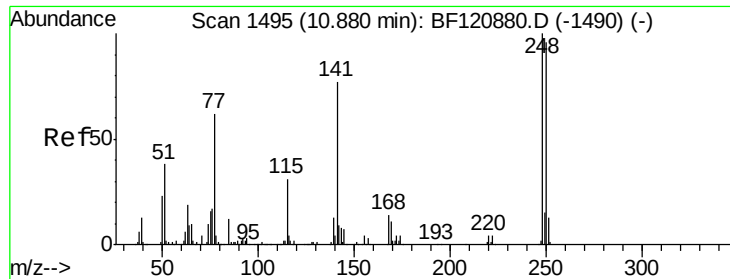


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

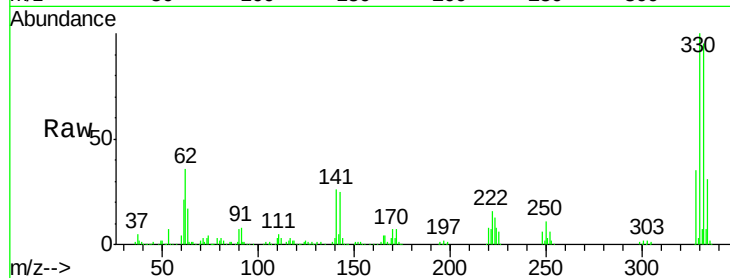




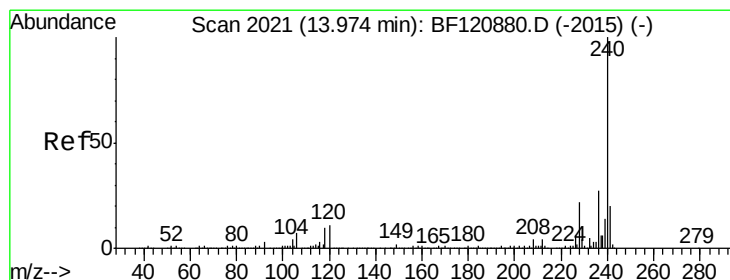
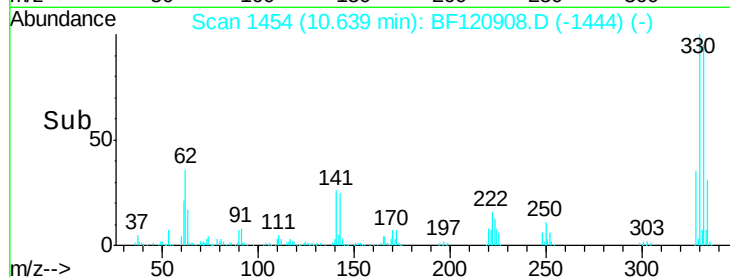
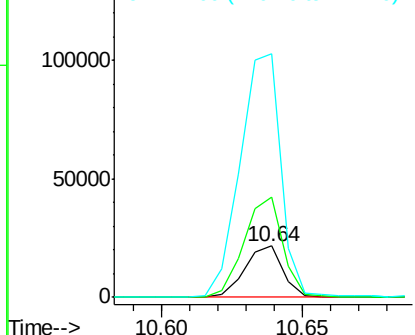
#67
4-Bromophenyl-phenylether
Concen: 2.688 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Instrument :
BNA_F
ClientSampled :
16

Tot Ion:248 Resp: 20083
Ion Ratio Lower Upper
248 100
250 194.3 77.1 115.7#
141 473.8 61.2 91.8#

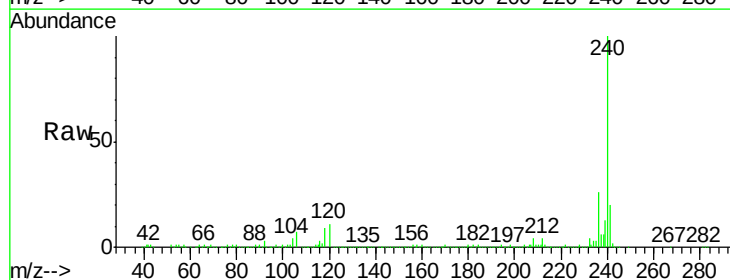


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

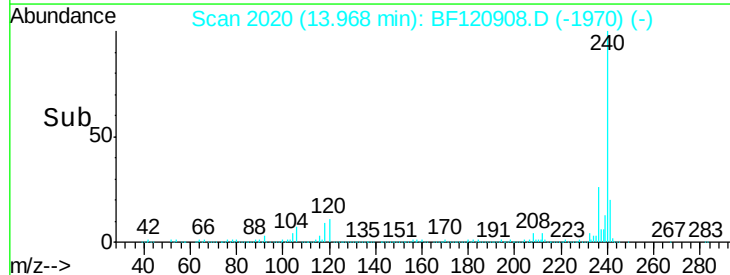
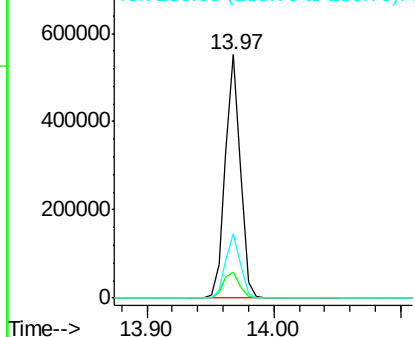


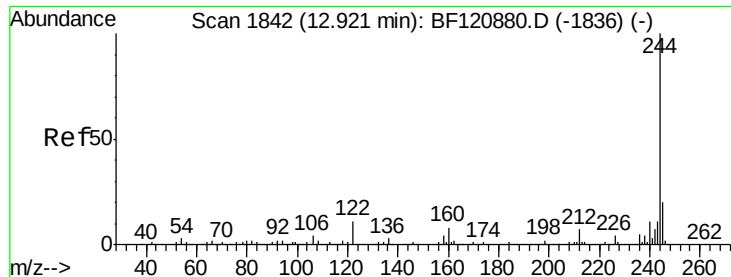
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120908.D
Acq: 17 Jul 2020 2:18

Tgt Ion:240 Resp: 456154
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.4 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: 63.518 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

Instrument :

BNA_F

ClientSampleId :

16

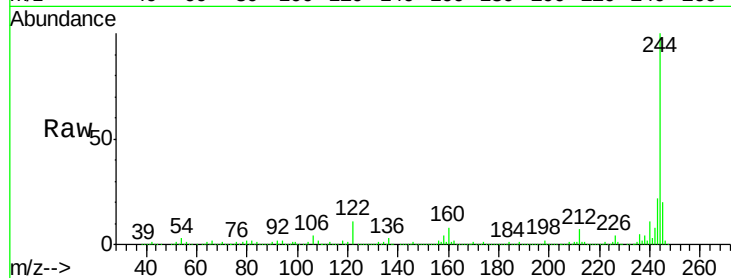
Tot Ion:244 Resp: 1332892

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

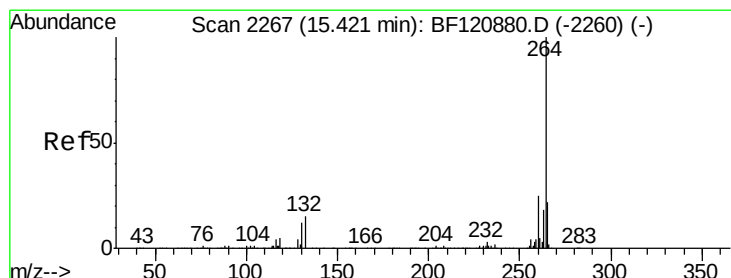
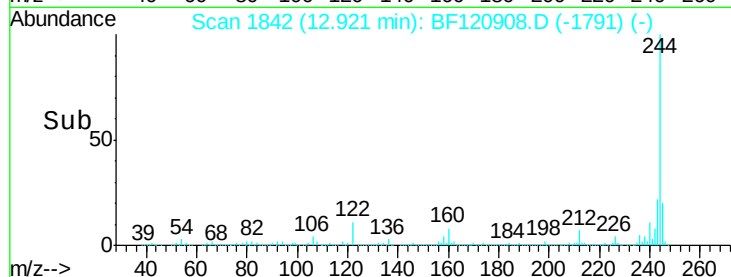
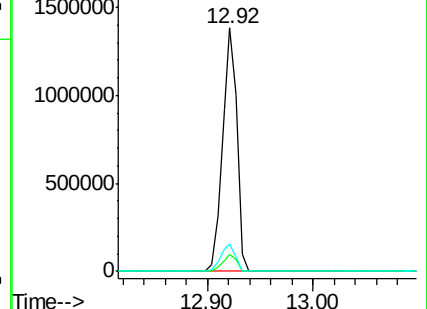
122 11.4 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120908.D

Acq: 17 Jul 2020 2:18

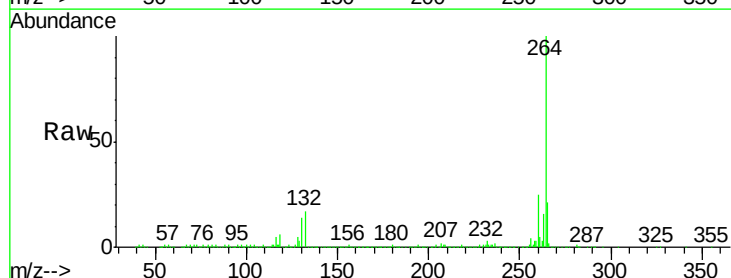
Tgt Ion:264 Resp: 407380

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 21.4 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

