

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120438.D
 Acq On : 29 May 2020 14:50
 Operator : MA/SJ
 Sample : L2796-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-EAST-B

Quant Time: May 29 15:21:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

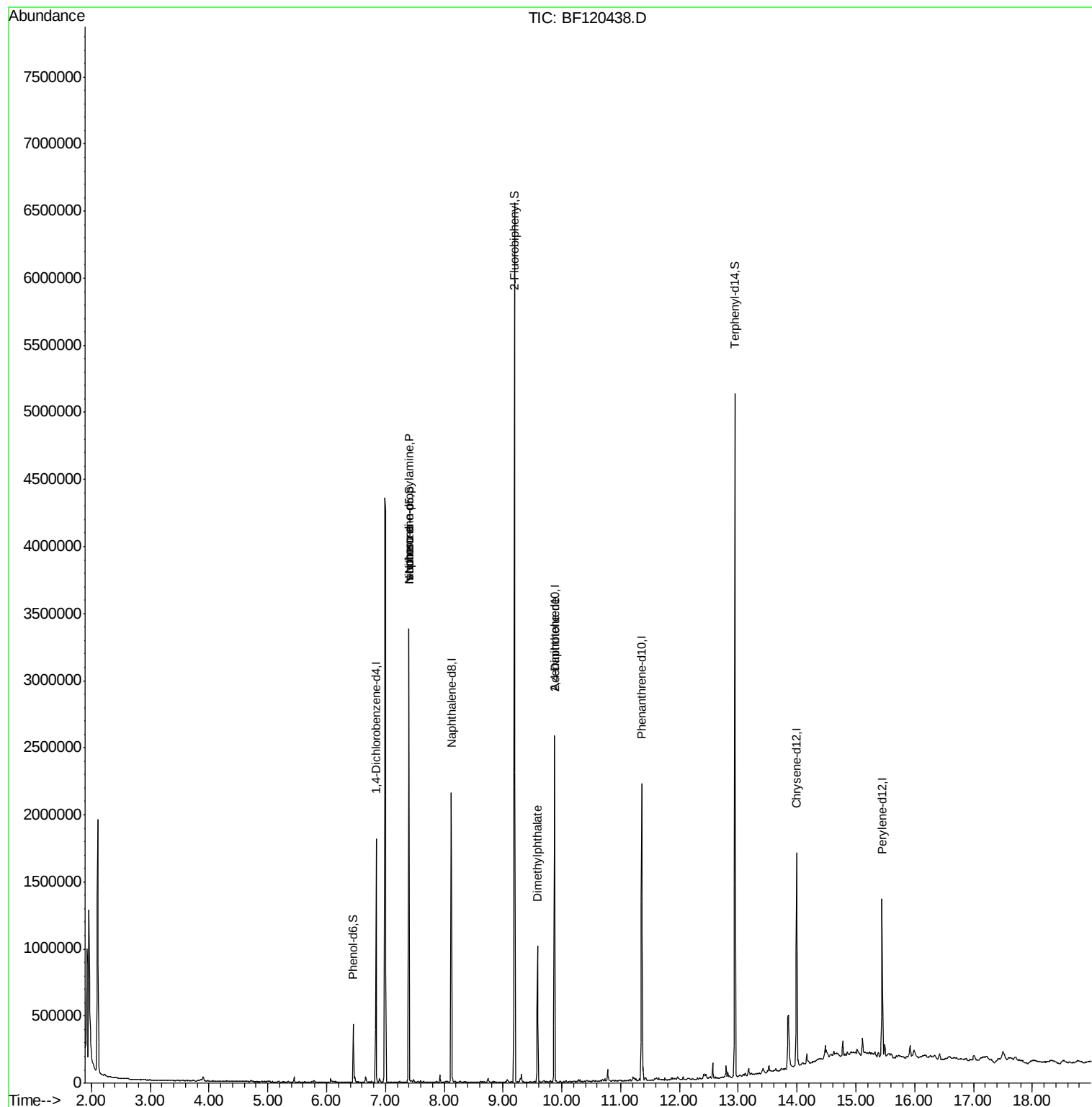
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	265580	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	981228	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	463676	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	759246	20.00	ng	0.00
76) Chrysene-d12	13.99	240	506108	20.00	ng	0.00
86) Perylene-d12	15.44	264	549594	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	9447	0.68	ng	0.00
7) Phenol-d6	6.45	99	127873	7.44	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1109726	73.98	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.20	172	2053669	75.15	ng	0.00
79) Terphenyl-d14	12.94	244	1779570	78.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	148692	13.618	ng	# 79
25) Isophorone	7.40	82	1104856	36.647	ng	# 64
50) Dimethylphthalate	9.59	163	350374	12.087	ng	99
57) 2,4-Dinitrotoluene	9.87	165	59139	7.173	ng	# 22

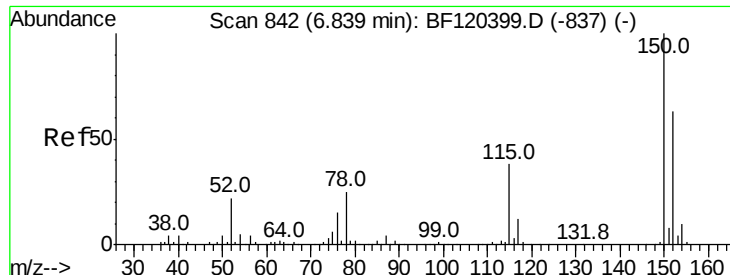
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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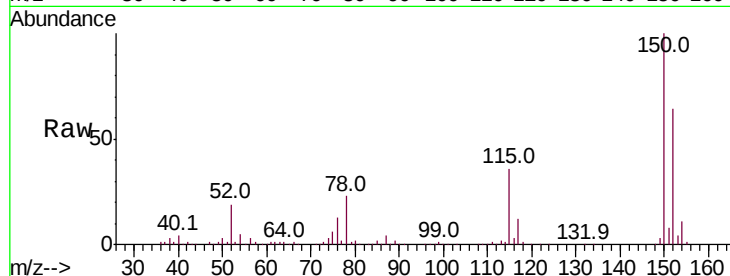


#1

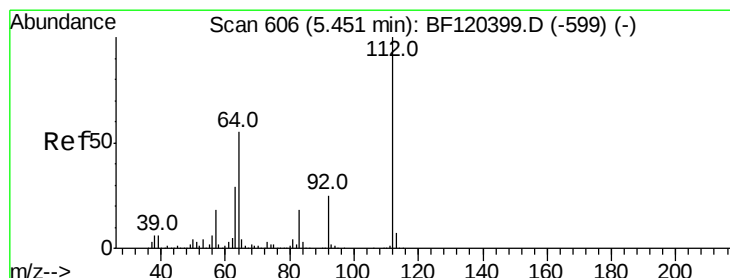
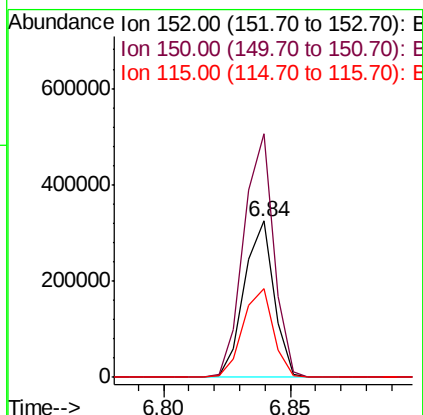
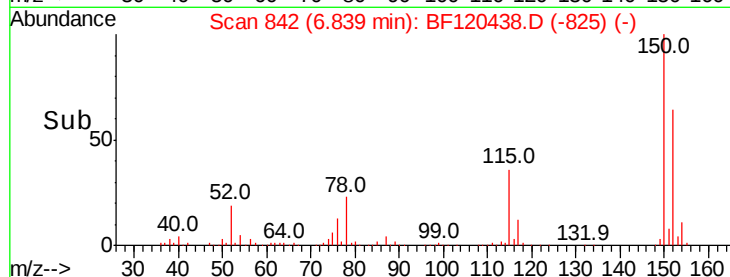
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF120438.D
Acq: 29 May 2020 14:50

Instrument :
BNA_F
ClientSampleId :
CON-EAST-B

Tot Ion:152 Resp: 265580
Ion Ratio Lower Upper
152 100
150 156.0 126.5 189.7
115 56.8 47.6 71.4



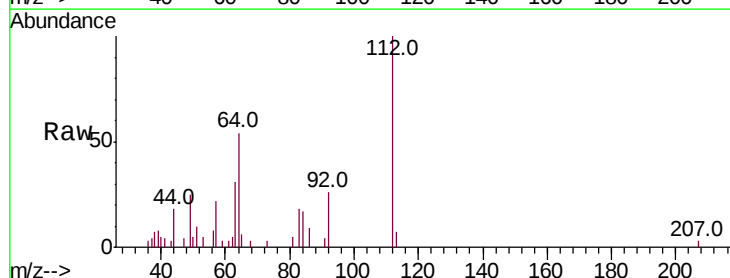
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



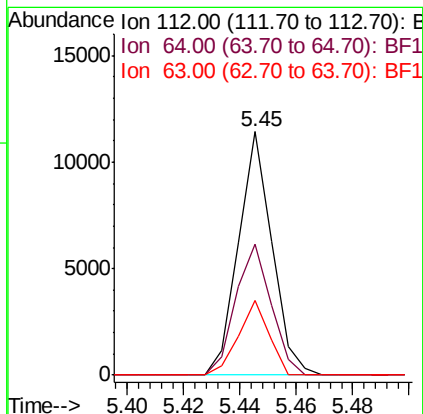
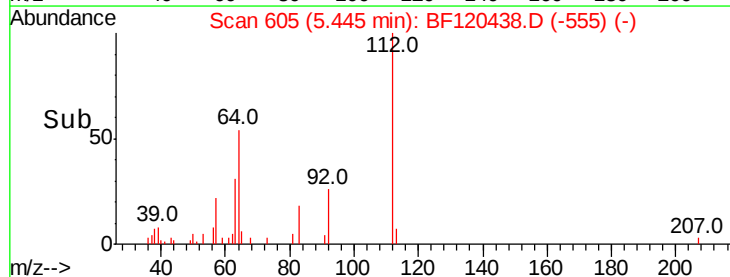
#5

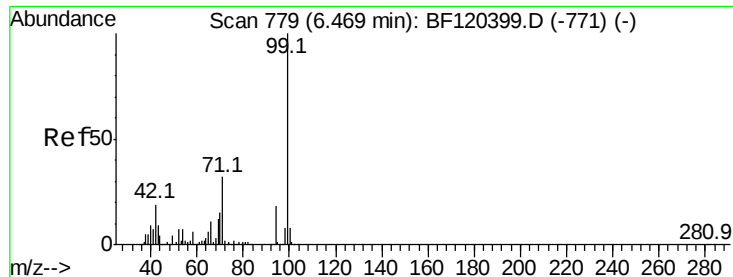
2-Fluorophenol
Concen: 0.678 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120438.D
Acq: 29 May 2020 14:50

Tgt Ion:112 Resp: 9447
Ion Ratio Lower Upper
112 100
64 53.9 44.3 66.5
63 30.8 22.9 34.3



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: 7.445 ng

RT: 6.45 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Instrument :

BNA_F

ClientSampleId :

CON-EAST-B

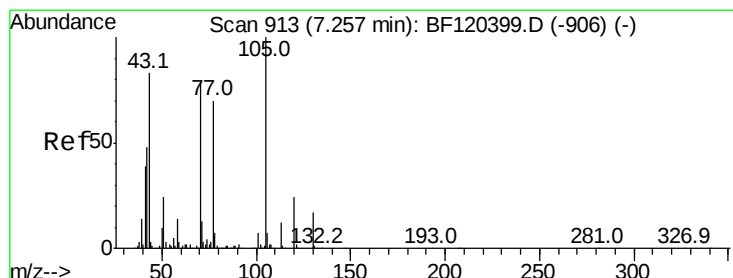
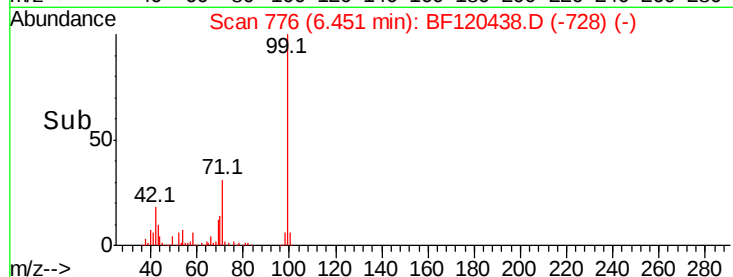
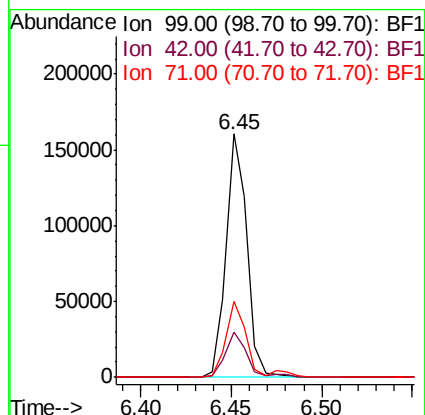
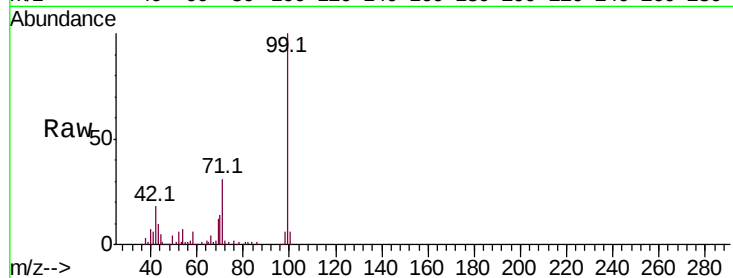
Tot Ion: 99 Resp: 127873

Ion Ratio Lower Upper

99 100

42 18.4 15.2 22.8

71 31.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.618 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Tgt Ion: 70 Resp: 148692

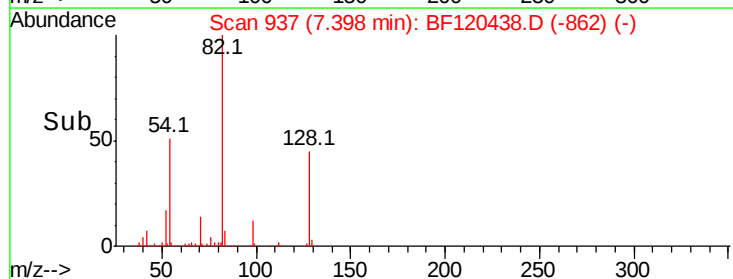
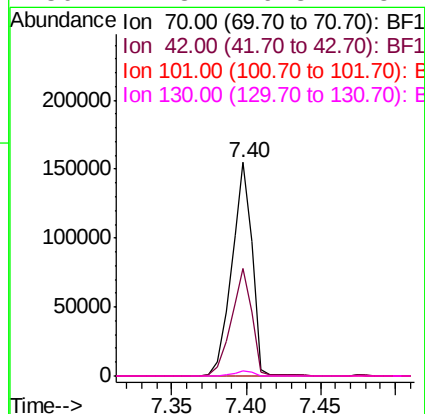
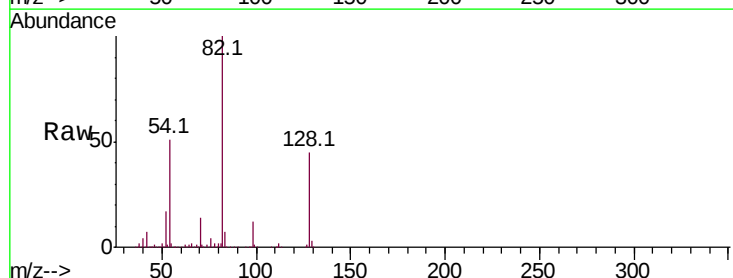
Ion Ratio Lower Upper

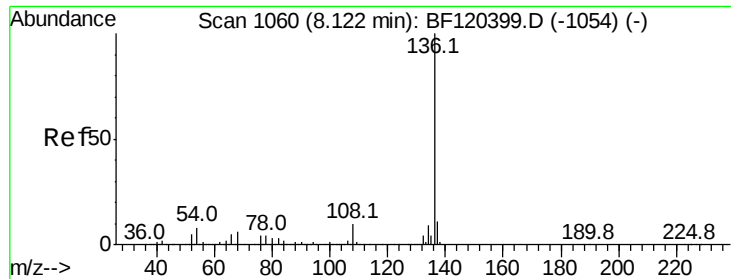
70 100

42 50.6 48.9 73.3

101 0.0 7.4 11.2#

130 2.3 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.00 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Instrument :

BNA_F

ClientSampleId :

CON-EAST-B

Tot Ion:136 Resp: 981228

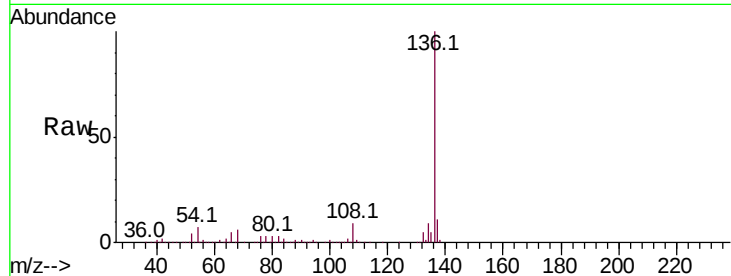
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.2 6.7 10.1

68 5.7 5.0 7.4

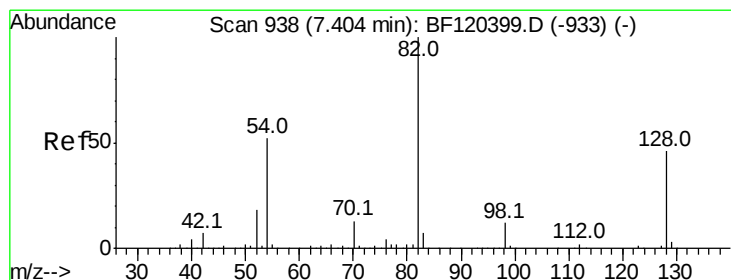
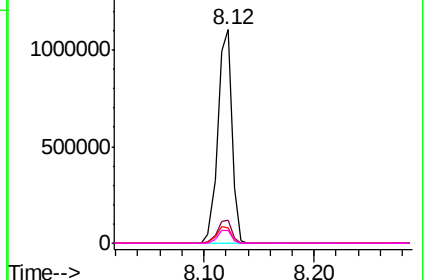
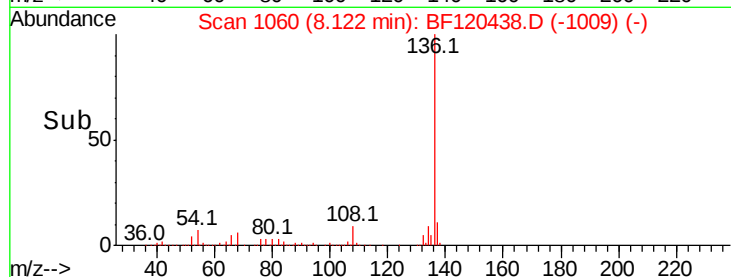


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.979 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

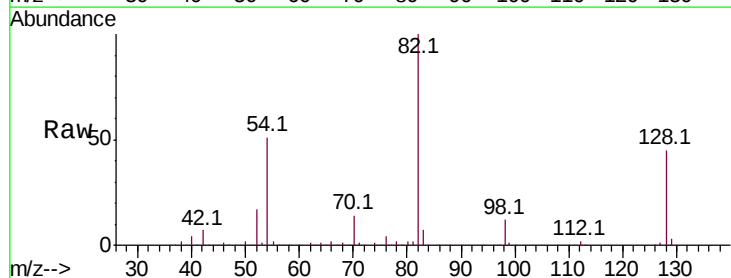
Tgt Ion: 82 Resp: 1109726

Ion Ratio Lower Upper

82 100

128 45.4 36.8 55.2

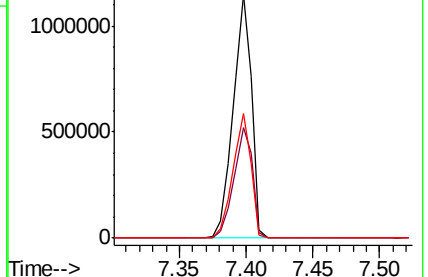
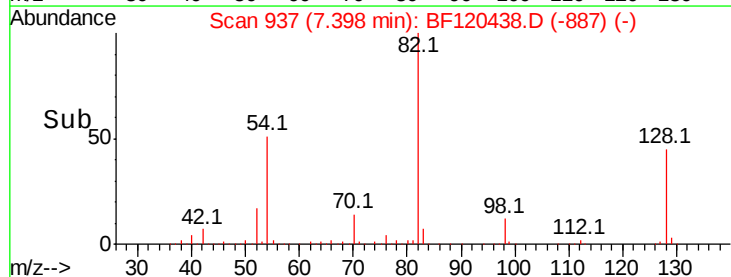
54 51.3 41.6 62.4

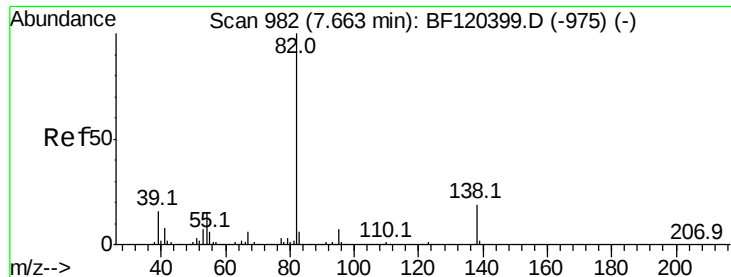


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.647 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Instrument :

BNA_F

ClientSampleId :

CON-EAST-B

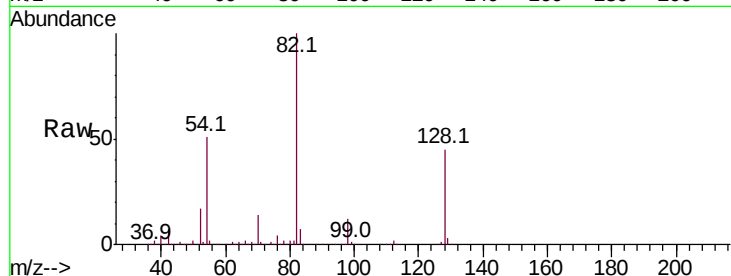
Tot Ion: 82 Resp: 1104856

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

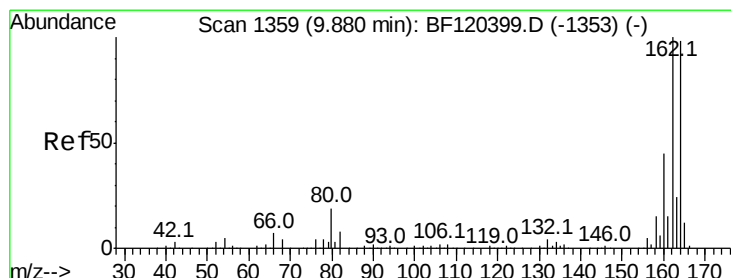
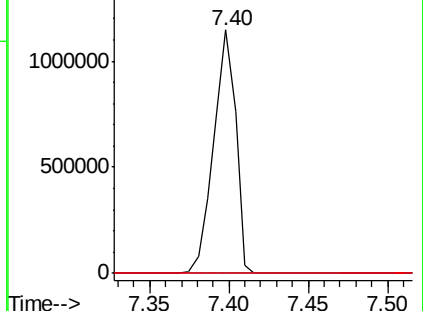
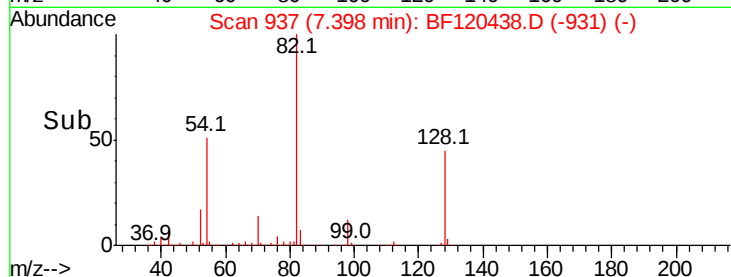
138 0.0 15.0 22.4#



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: 9.87 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

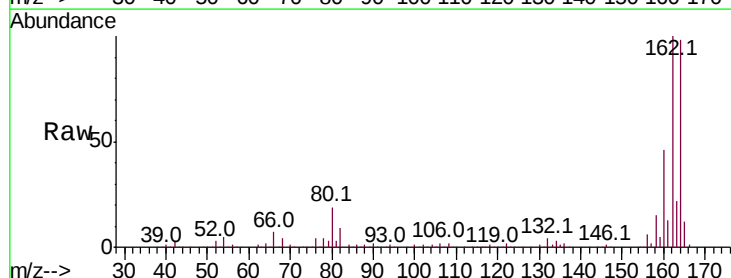
Tgt Ion:164 Resp: 463676

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

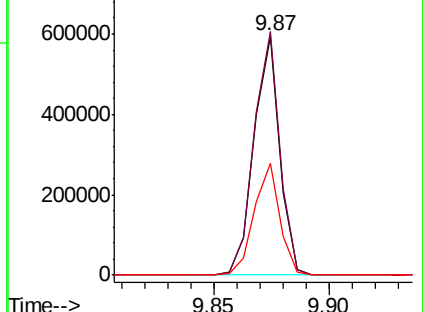
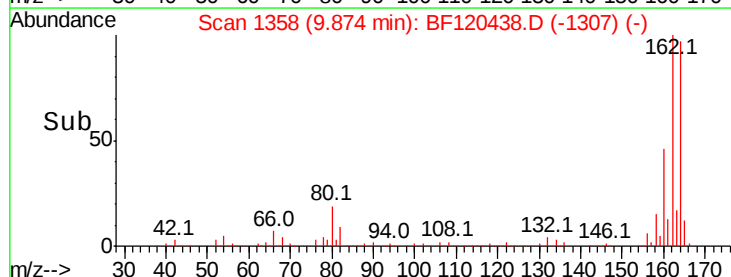
160 46.6 36.9 55.3

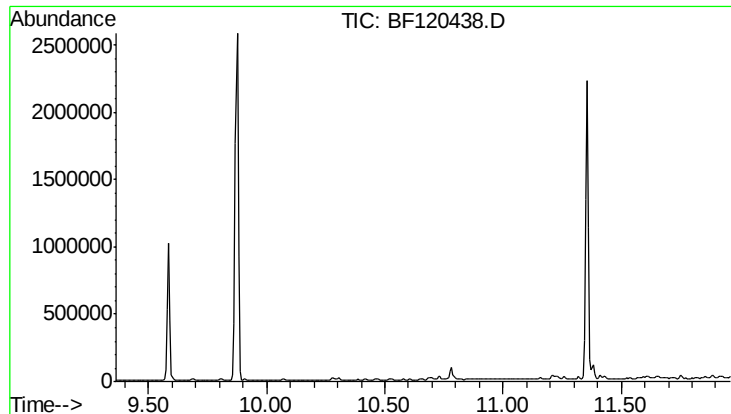


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

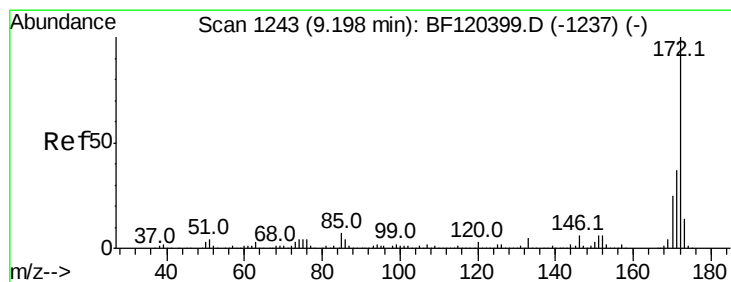
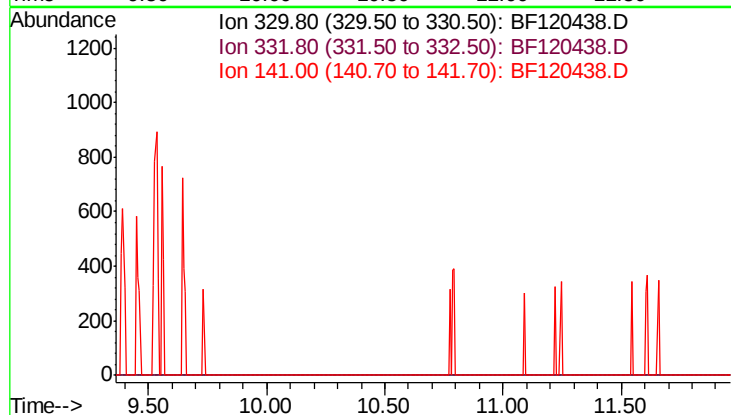




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.66 min
 Lab File: BF120438.D
 Acq: 29 May 2020 14:50

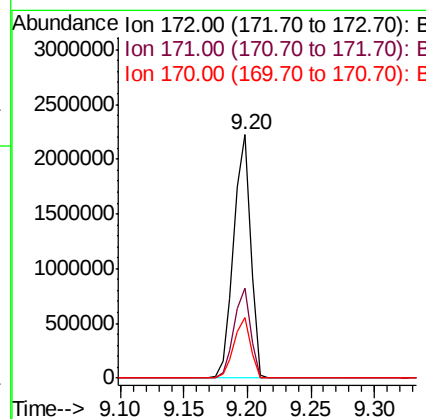
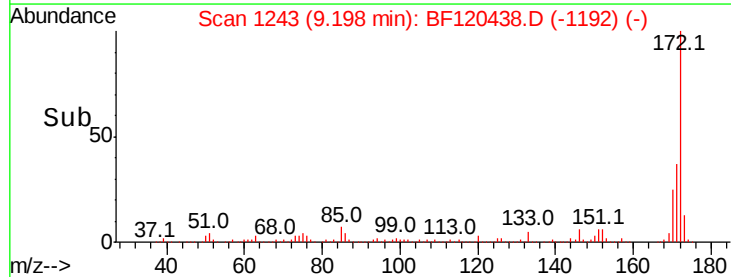
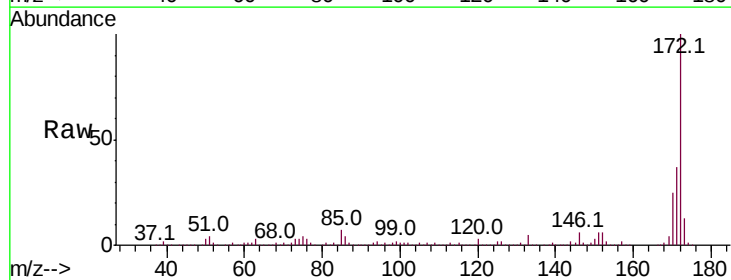
Instrument :
 BNA_F
 ClientSampleId :
 CON-EAST-B

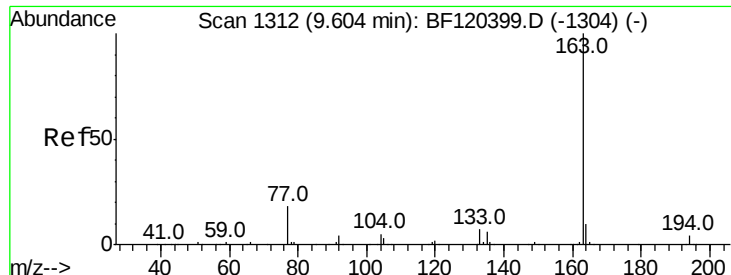
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 31.6



#45
 2-Fluorobiphenyl
 Concen: 75.148 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120438.D
 Acq: 29 May 2020 14:50

Tgt Ion: 172 Resp: 2053669
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.9 19.9 29.9

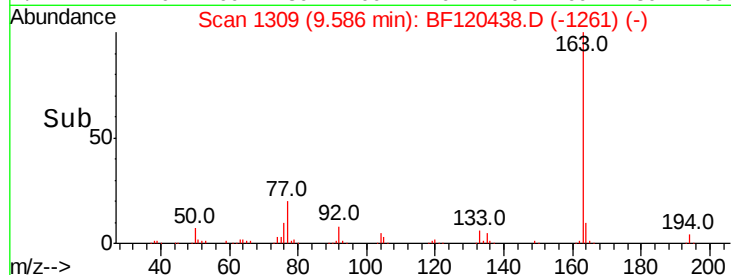
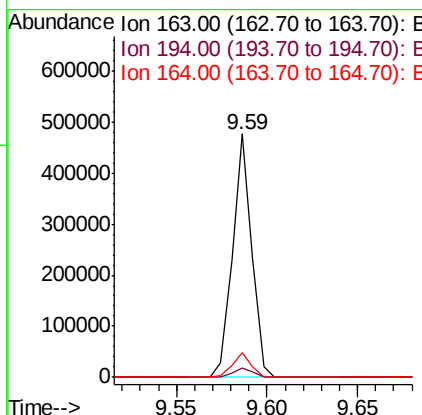
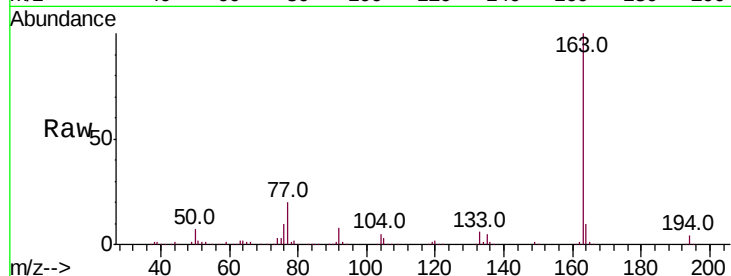




#50
Dimethylphthalate
Concen: 12.087 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120438.D
Acq: 29 May 2020 14:50

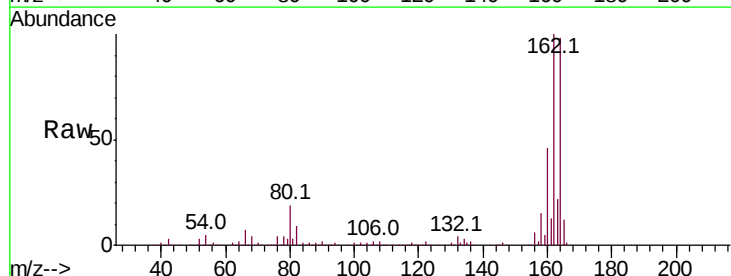
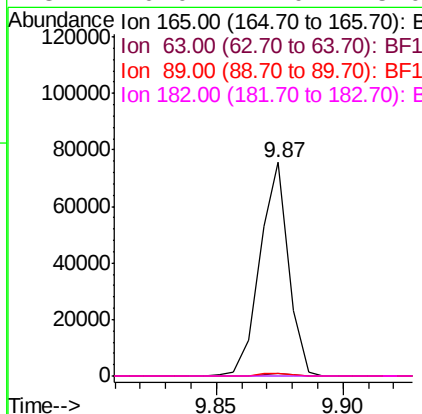
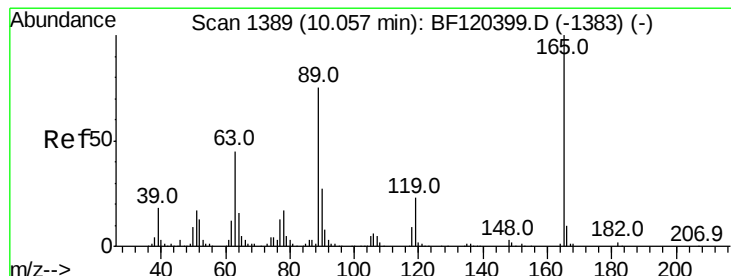
Instrument :
BNA_F
ClientSampleId :
CON-EAST-B

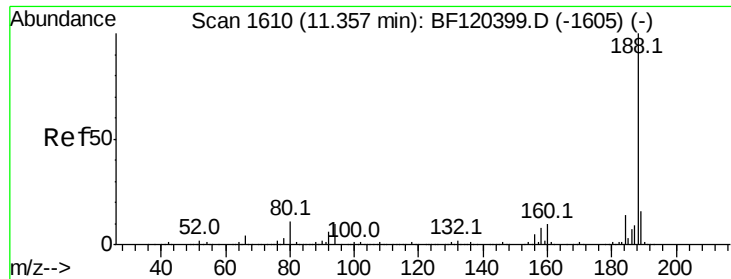
Tot Ion:163 Resp: 350374
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.3 8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 7.173 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.19 min
Lab File: BF120438.D
Acq: 29 May 2020 14:50

Tgt Ion:165 Resp: 59139
Ion Ratio Lower Upper
165 100
63 1.2 35.9 53.9#
89 1.0 60.0 90.0#
182 0.0 2.0 3.0#

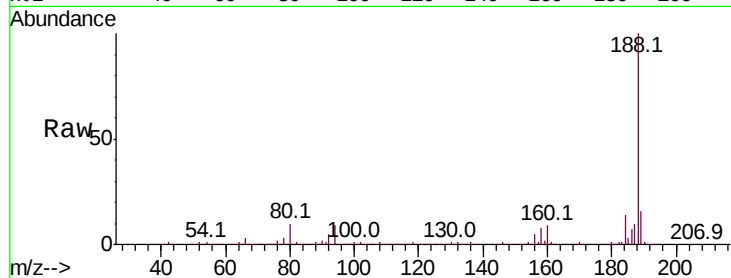




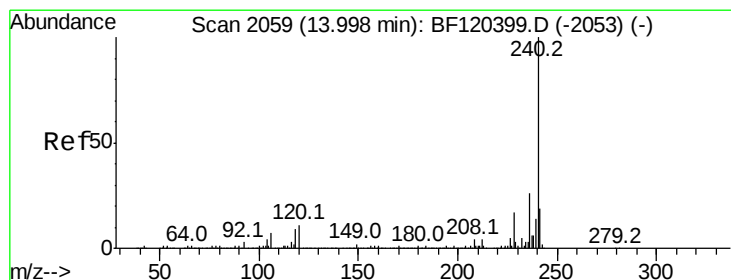
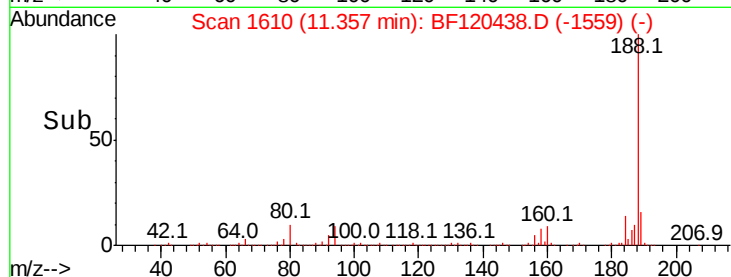
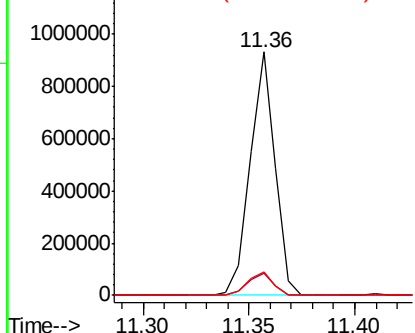
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120438.D
Acq: 29 May 2020 14:50

Instrument :
BNA_F
ClientSampleId :
CON-EAST-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	9.6	8.6	13.0

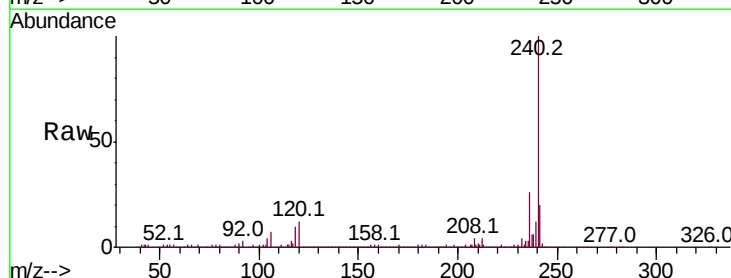


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

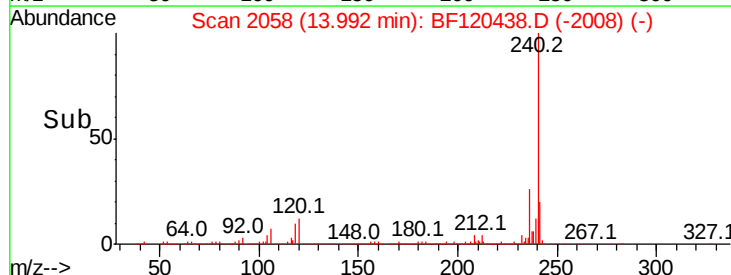
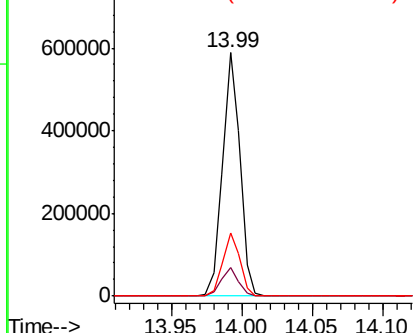


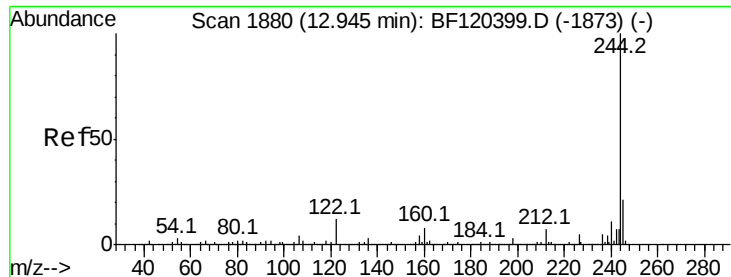
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120438.D
Acq: 29 May 2020 14:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.8	13.2
236	25.9	21.0	31.4



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: 78.243 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

Instrument :

BNA_F

ClientSampleId :

CON-EAST-B

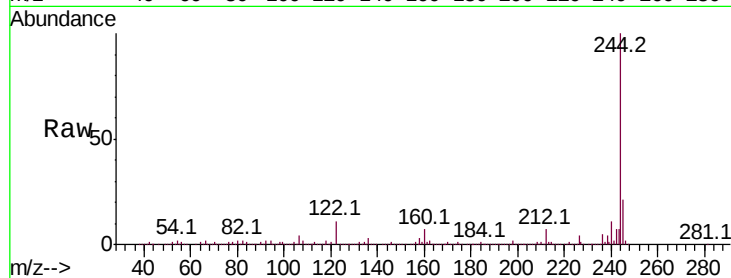
Tot Ion:244 Resp: 1779570

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

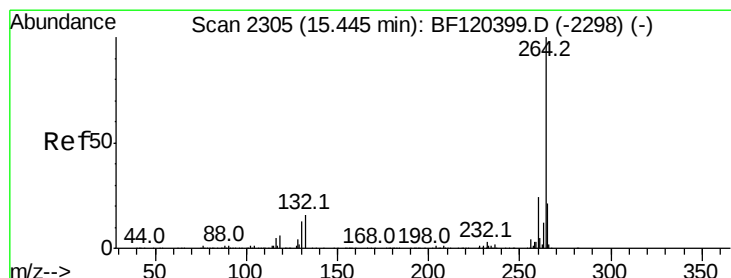
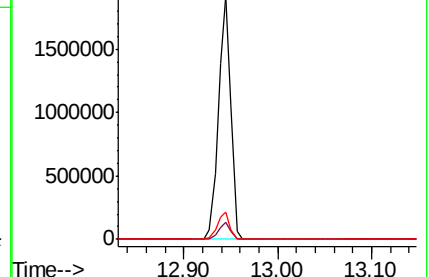
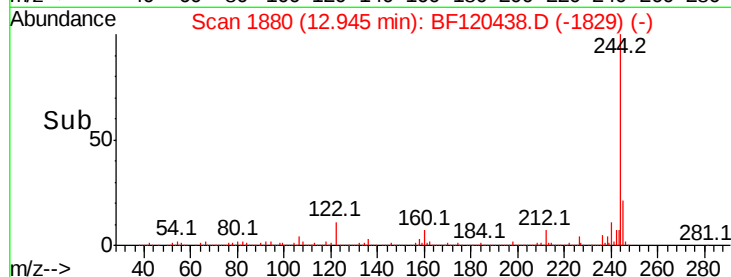
122 11.1 9.2 13.8



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: 15.44 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BF120438.D

Acq: 29 May 2020 14:50

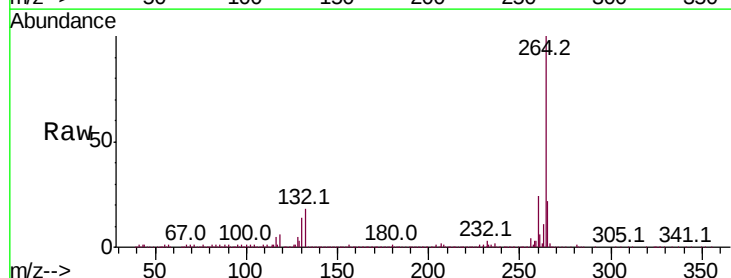
Tgt Ion:264 Resp: 549594

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.7 16.9 25.3



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

