

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120433.D
 Acq On : 29 May 2020 12:34
 Operator : MA/SJ
 Sample : L2796-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-WEST-A

Quant Time: May 29 13:08:53 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

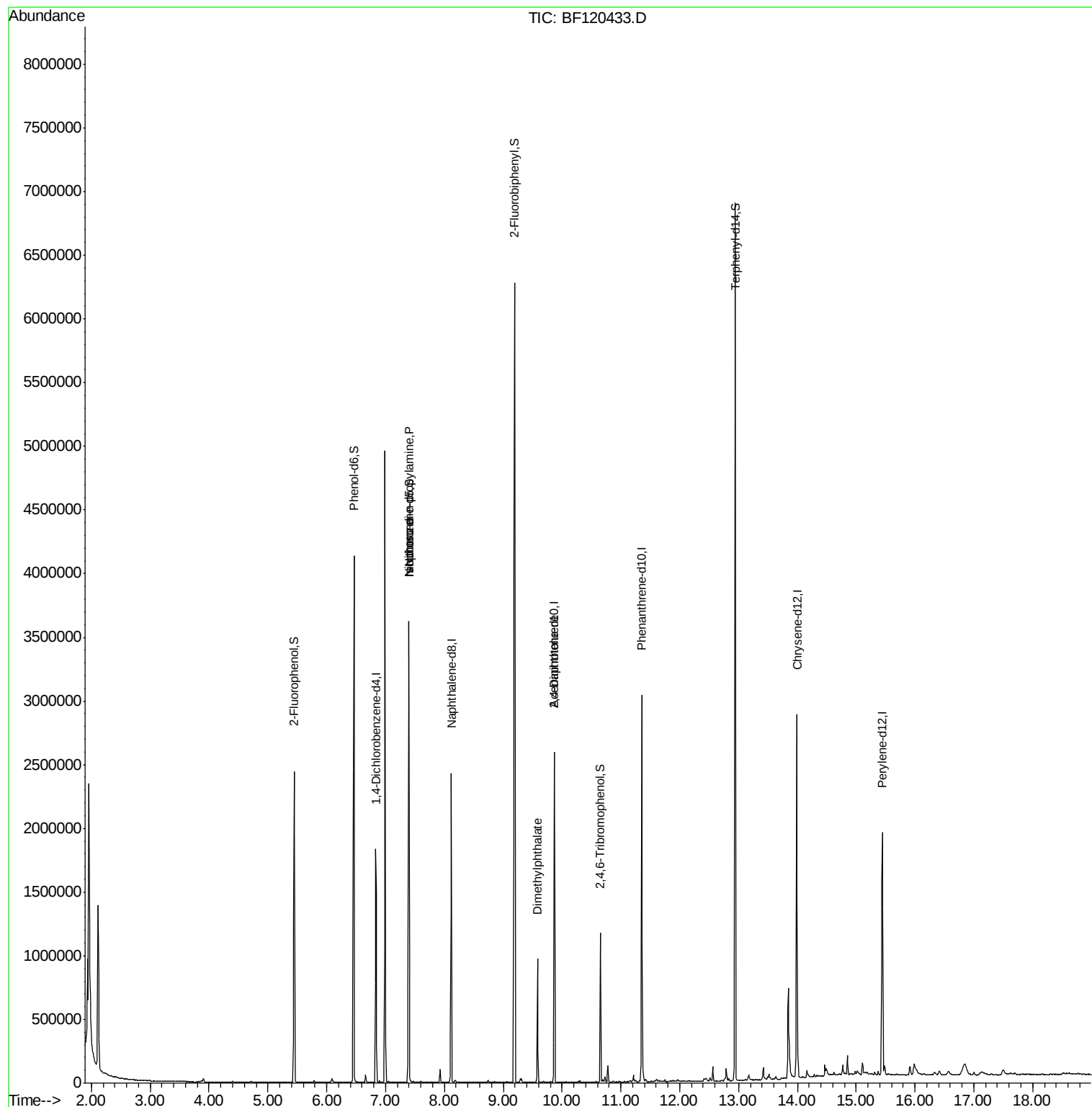
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	275229	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1042600	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	564488	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1106114	20.00	ng	0.00
76) Chrysene-d12	13.99	240	927694	20.00	ng	0.00
86) Perylene-d12	15.44	264	861883	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	675213	46.75	ng	0.00
7) Phenol-d6	6.46	99	1610186	90.46	ng	0.00
23) Nitrobenzene-d5	7.40	82	1218124	76.43	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	140367	26.84	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2389939	71.83	ng	0.00
79) Terphenyl-d14	12.94	244	2858612	68.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	163835	14.479	ng	# 78
25) Isophorone	7.40	82	1215102	37.931	ng	# 64
50) Dimethylphthalate	9.59	163	374692	10.617	ng	100
57) 2,4-Dinitrotoluene	9.87	165	73468	7.320	ng	# 22

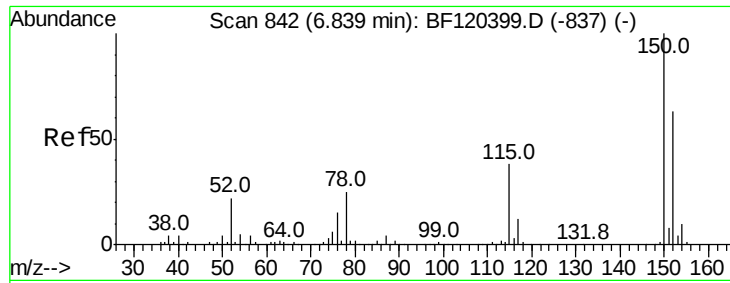
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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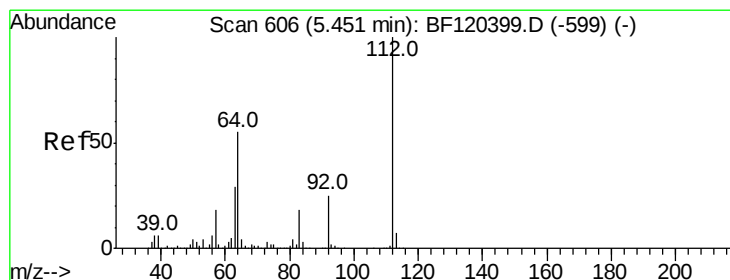
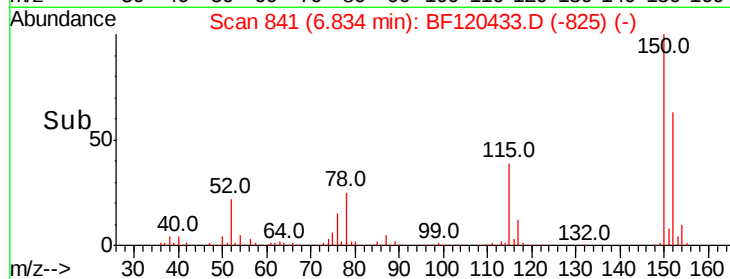
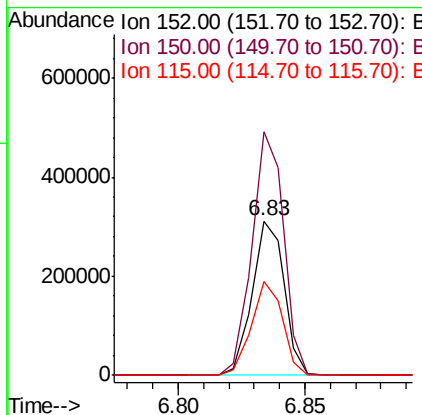
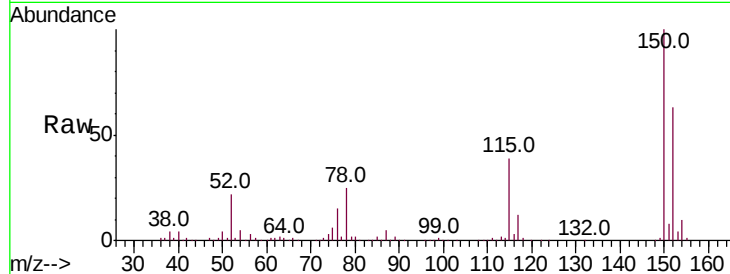


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF120433.D
Acq: 29 May 2020 12:34

Instrument :
BNA_F
ClientSampleId :
CON-WEST-A

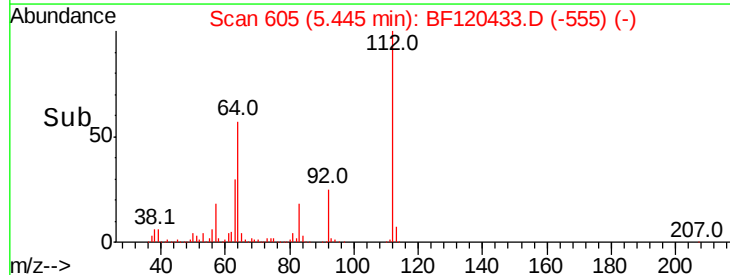
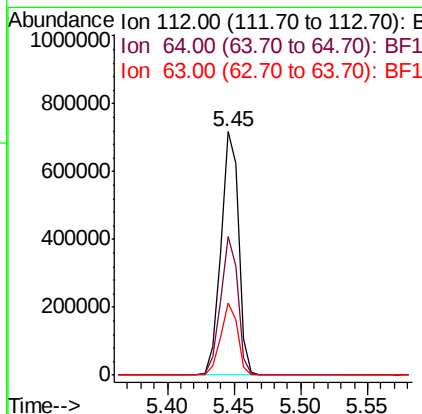
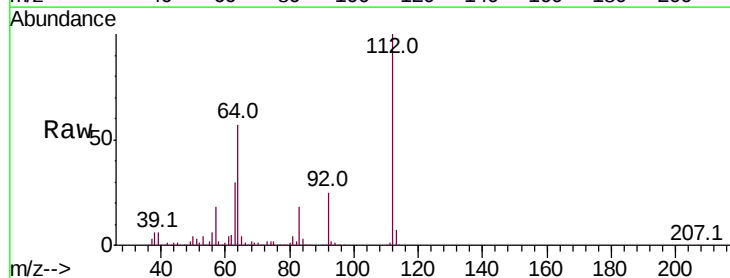
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.5	189.7
115	61.1	47.6	71.4

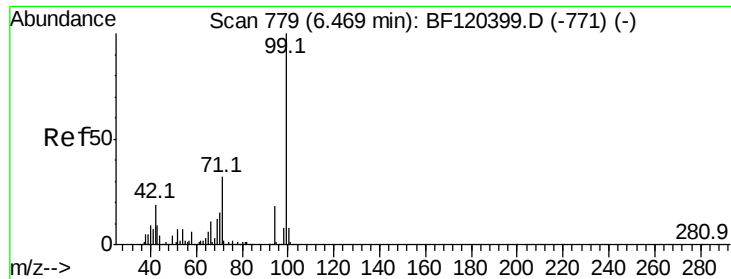


#5

2-Fluorophenol
Concen: 46.753 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120433.D
Acq: 29 May 2020 12:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	44.3	66.5
63	29.8	22.9	34.3





#7

Phenol-d6

Concen: 90.456 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Instrument :

BNA_F

ClientSampleId :

CON-WEST-A

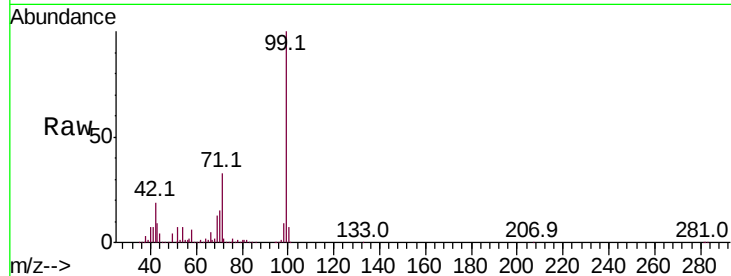
Tot Ion: 99 Resp: 1610186

Ion Ratio Lower Upper

99 100

42 18.6 15.2 22.8

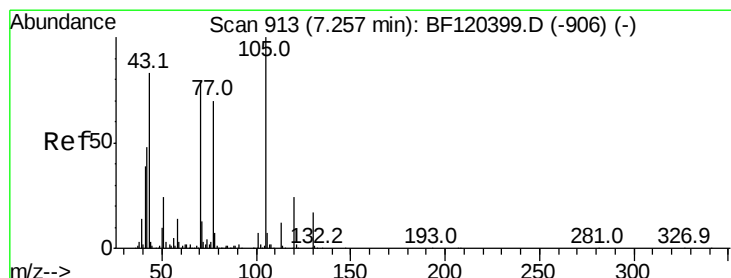
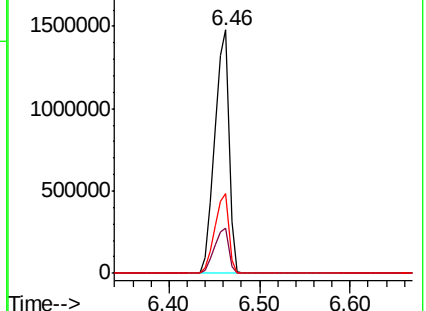
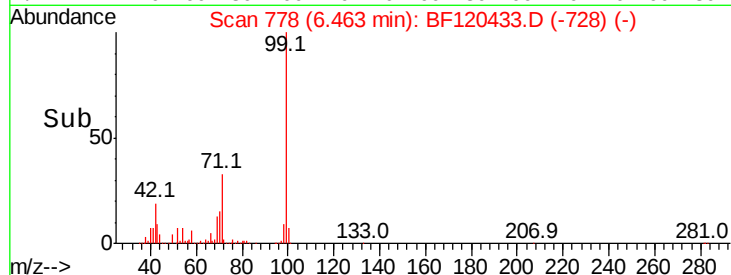
71 32.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.479 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Tgt Ion: 70 Resp: 163835

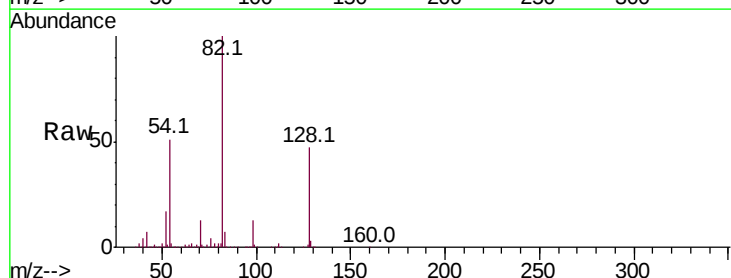
Ion Ratio Lower Upper

70 100

42 49.7 48.9 73.3

101 0.0 7.4 11.2#

130 2.2 16.8 25.2#

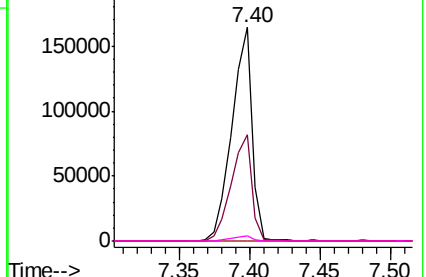
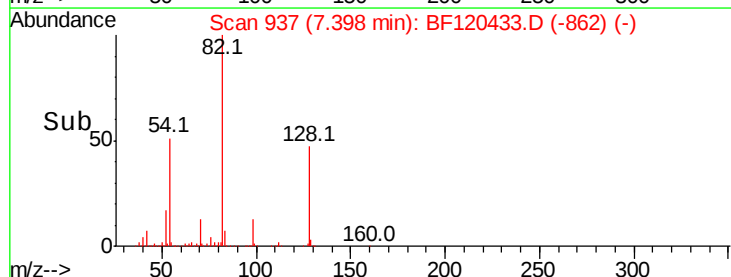


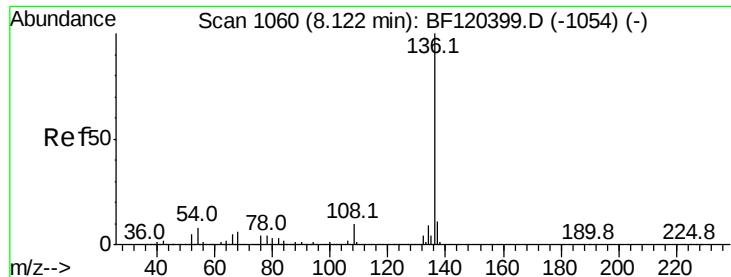
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Instrument :

BNA_F

ClientSampleId :

CON-WEST-A

Tot Ion:136 Resp: 1042600

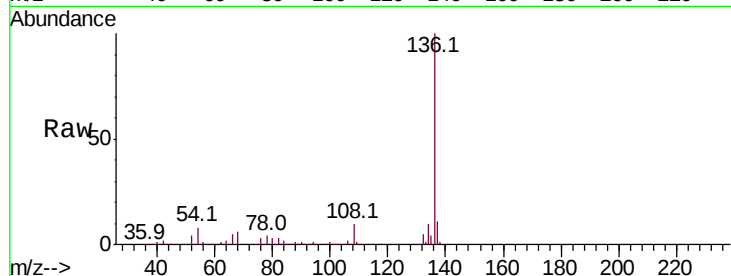
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.1 6.7 10.1

68 6.1 5.0 7.4

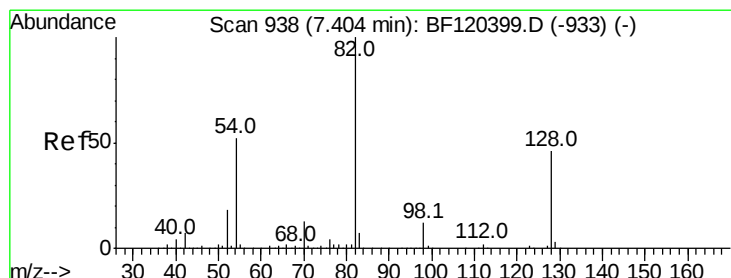
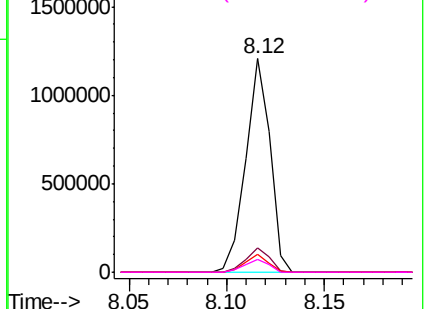
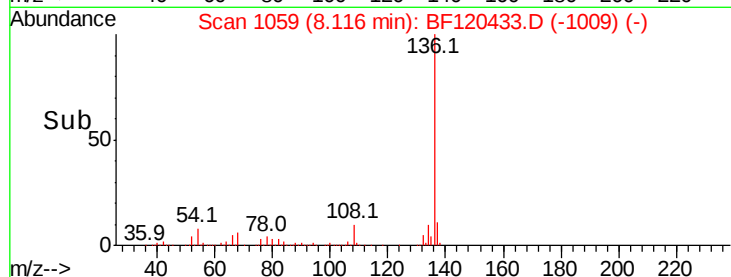


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.426 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

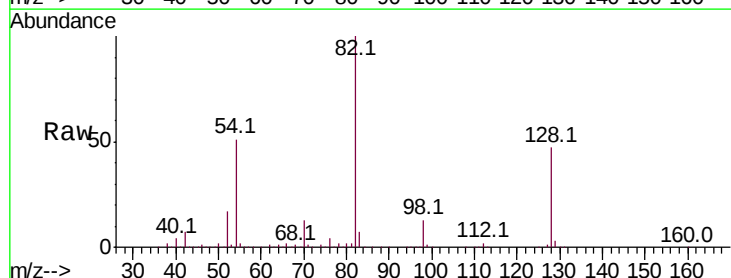
Tgt Ion: 82 Resp: 1218124

Ion Ratio Lower Upper

82 100

128 46.6 36.8 55.2

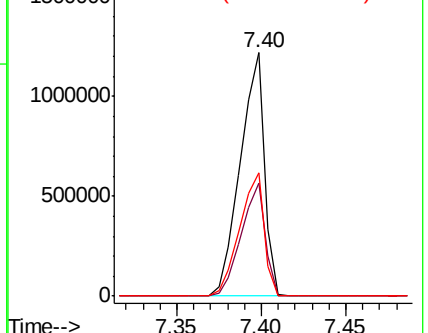
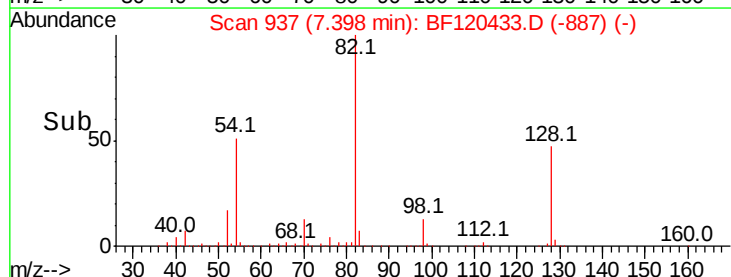
54 50.9 41.6 62.4

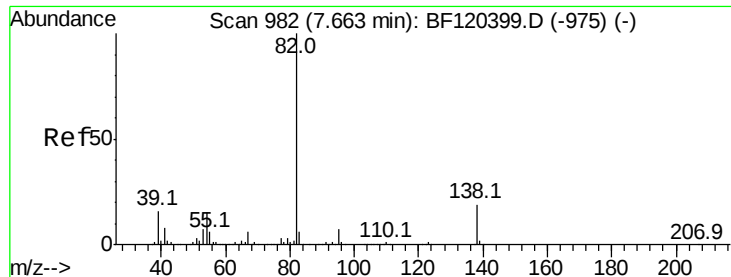


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.931 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Instrument :

BNA_F

ClientSampleId :

CON-WEST-A

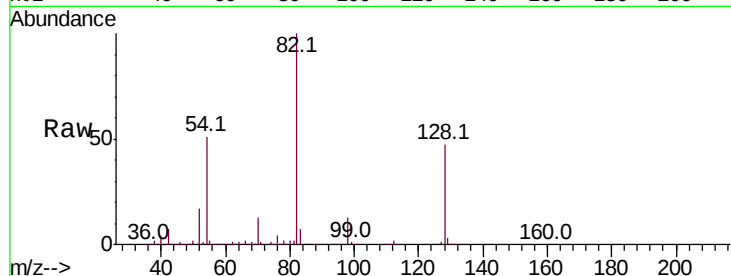
Tot Ion: 82 Resp: 1215102

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

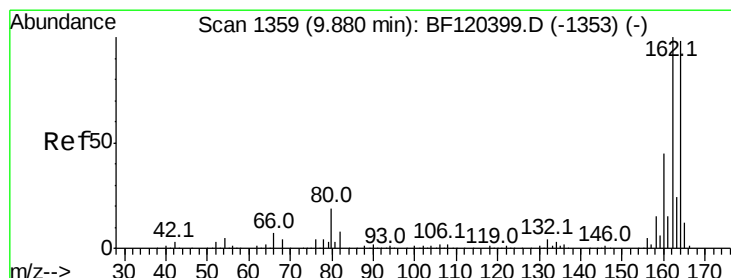
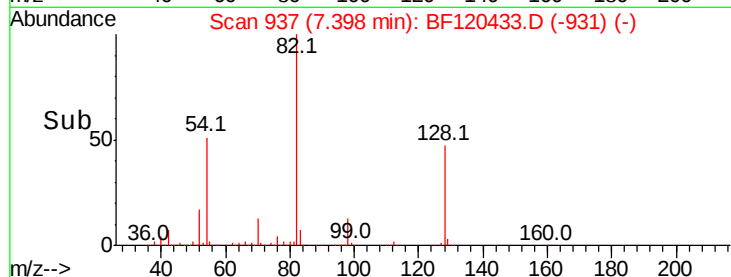
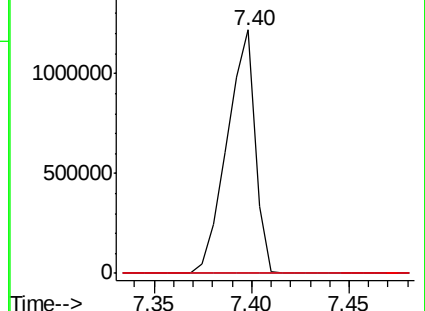
138 0.0 15.0 22.4#



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# 1357

Delta R.T. -0.01 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

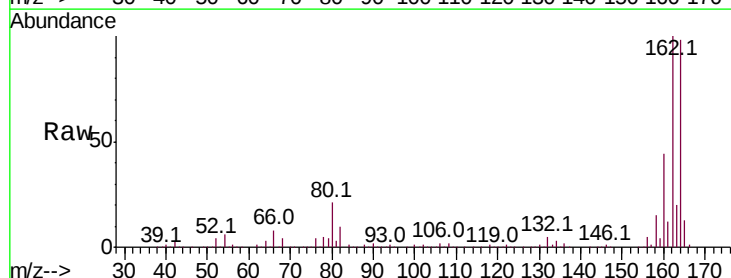
Tgt Ion:164 Resp: 564488

Ion Ratio Lower Upper

164 100

162 102.0 81.3 121.9

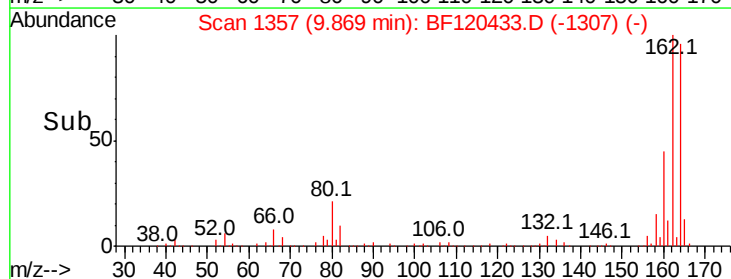
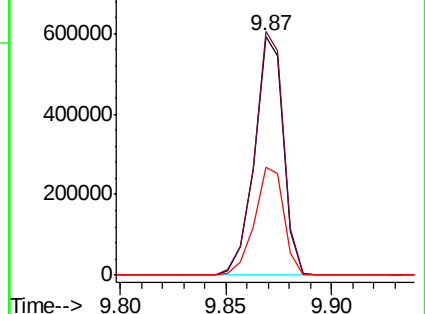
160 45.4 36.9 55.3

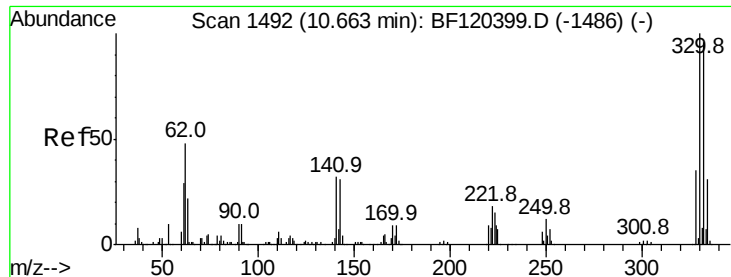


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

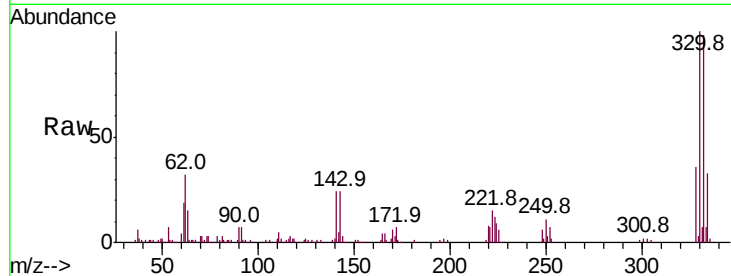




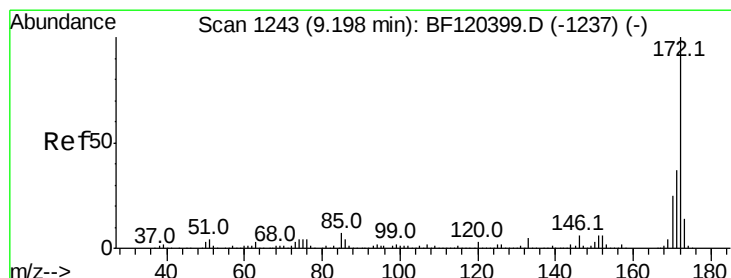
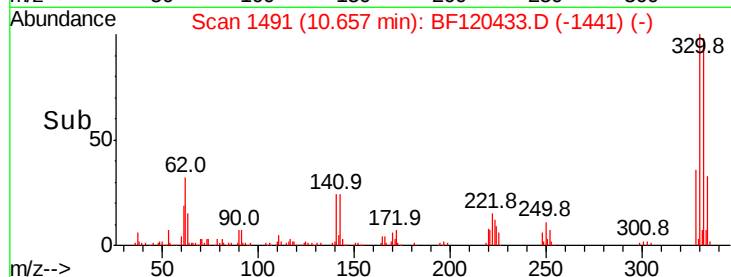
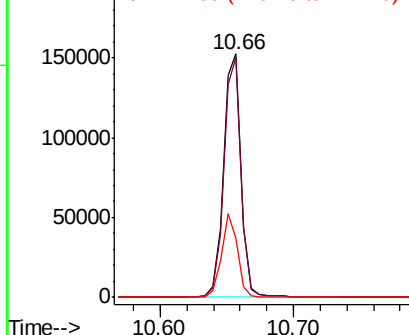
#42
 2,4,6-Tribromophenol
 Concen: 26.838 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120433.D
 Acq: 29 May 2020 12:34

Instrument :
 BNA_F
 ClientSampleId :
 CON-WEST-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	31.7	25.3	37.9

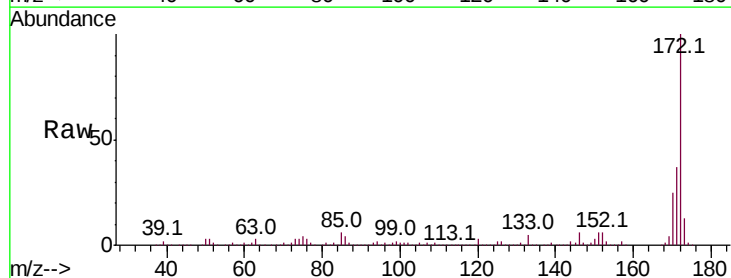


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

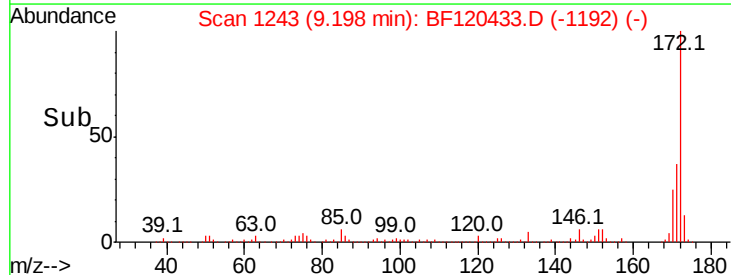
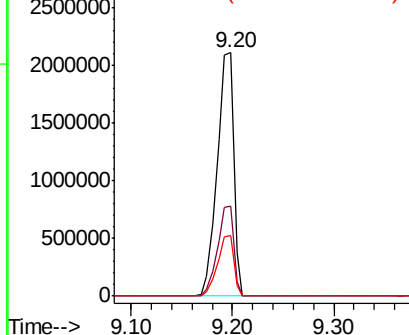


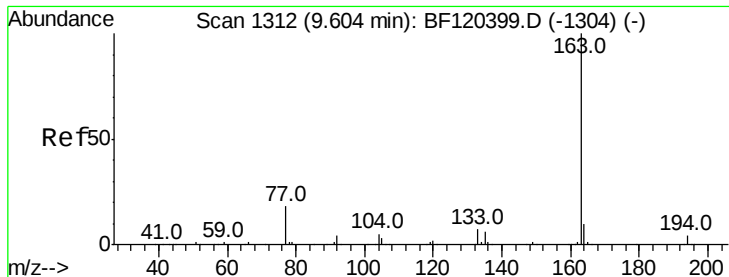
#45
 2-Fluorobiphenyl
 Concen: 71.835 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF120433.D
 Acq: 29 May 2020 12:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.9	19.9	29.9



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: 10.617 ng

RT: 9.59 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Instrument :

BNA_F

ClientSampleId :

CON-WEST-A

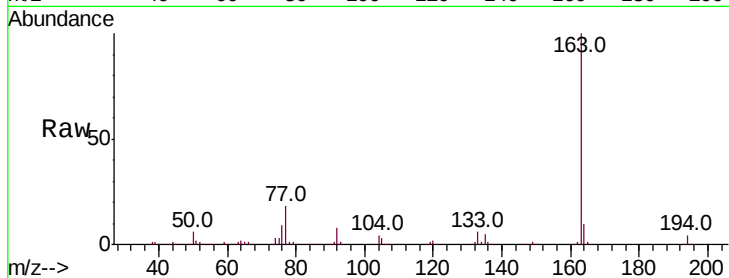
Tot Ion:163 Resp: 374692

Ion Ratio Lower Upper

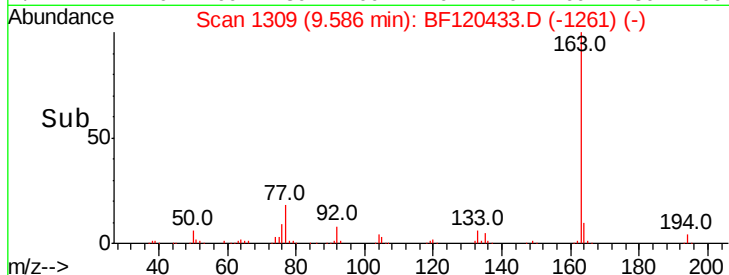
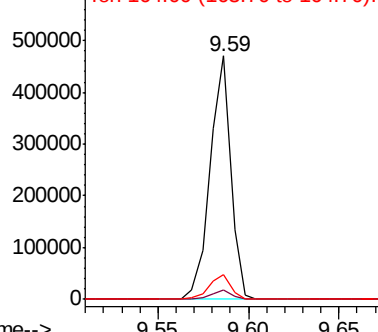
163 100

194 3.9 3.3 4.9

164 10.4 8.3 12.5



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



#57

2,4-Dinitrotoluene

Concen: 7.320 ng

RT: 9.87 min Scan# 1357

Delta R.T. -0.19 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Tgt Ion:165 Resp: 73468

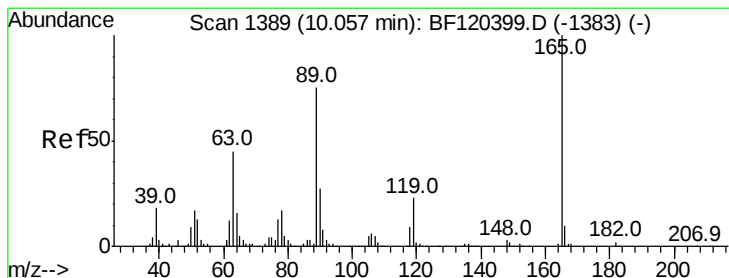
Ion Ratio Lower Upper

165 100

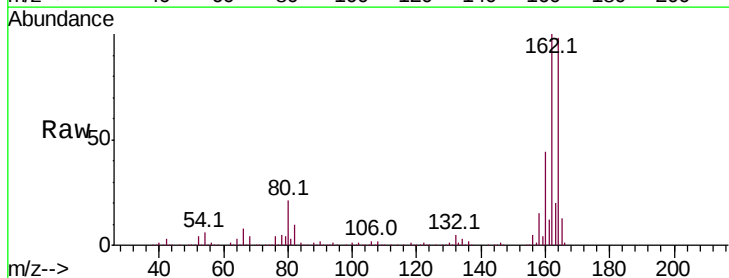
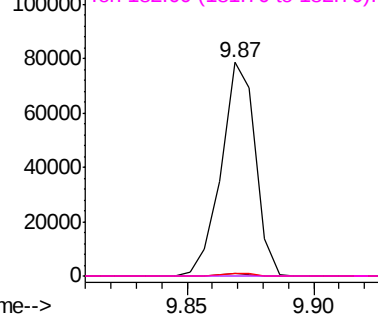
63 1.0 35.9 53.9#

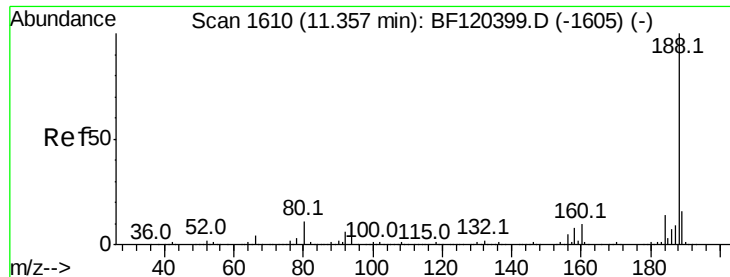
89 1.3 60.0 90.0#

182 0.0 2.0 3.0#



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

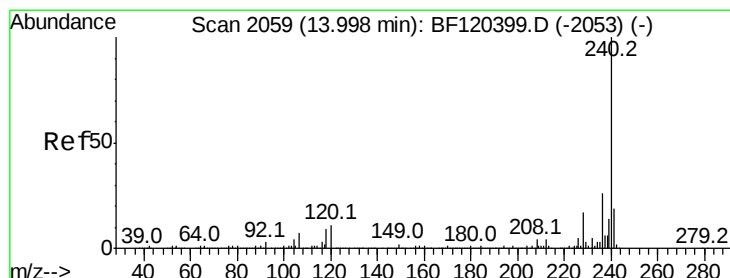
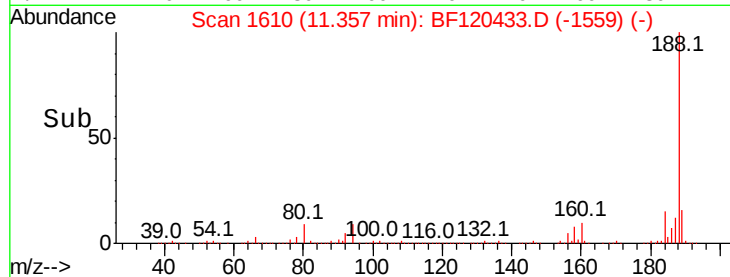
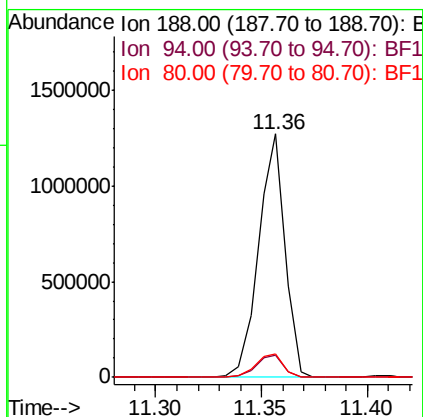
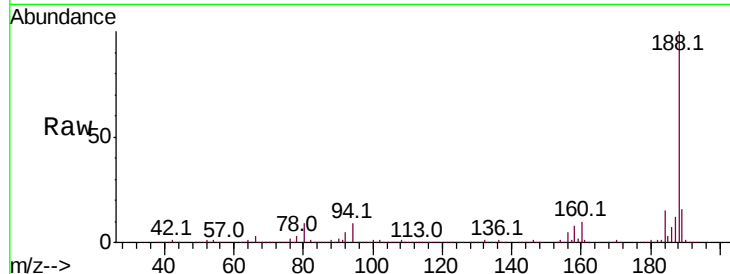




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120433.D
Acq: 29 May 2020 12:34

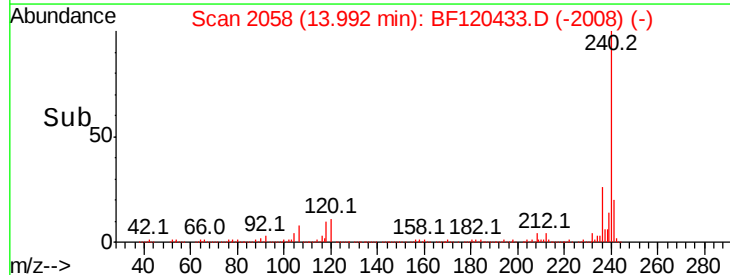
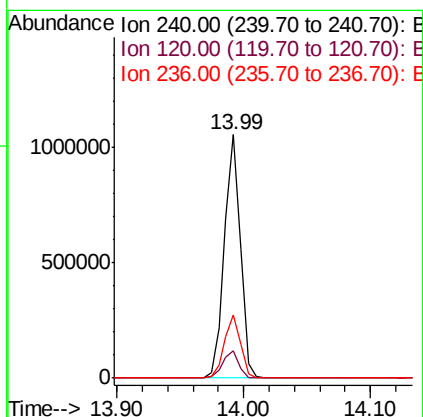
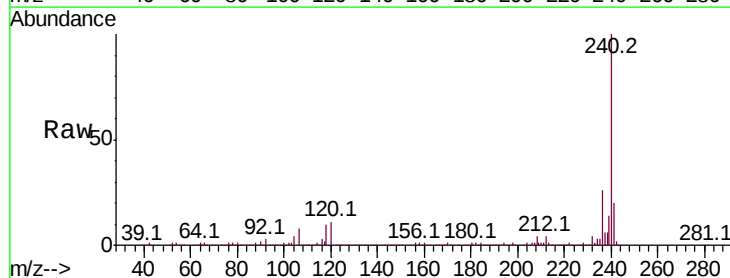
Instrument :
BNA_F
ClientSampleId :
CON-WEST-A

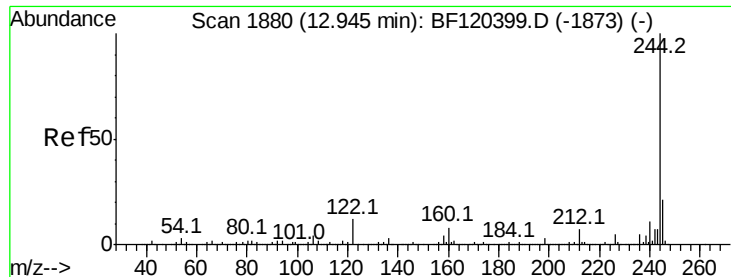
Tot Ion:188 Resp: 1106114
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120433.D
Acq: 29 May 2020 12:34

Tgt Ion:240 Resp: 927694
Ion Ratio Lower Upper
240 100
120 11.4 8.8 13.2
236 26.1 21.0 31.4





#79

Terphenyl-d14

Concen: 68.569 ng

RT: 12.94 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120433.D

Acq: 29 May 2020 12:34

Instrument :

BNA_F

ClientSampleId :

CON-WEST-A

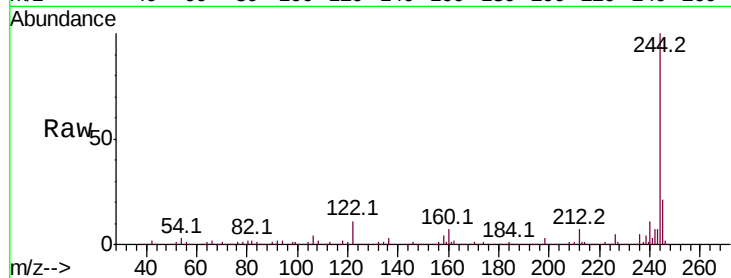
Tot Ion:244 Resp: 2858612

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

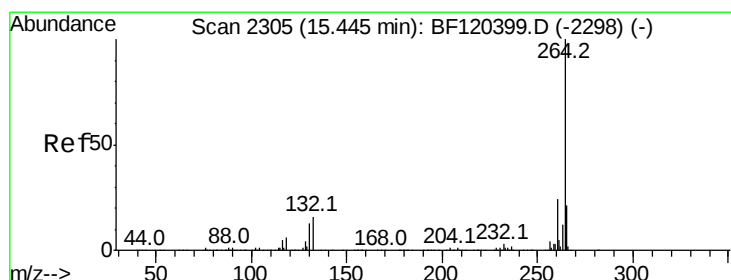
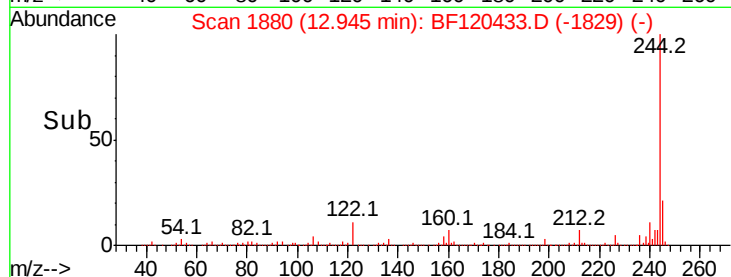
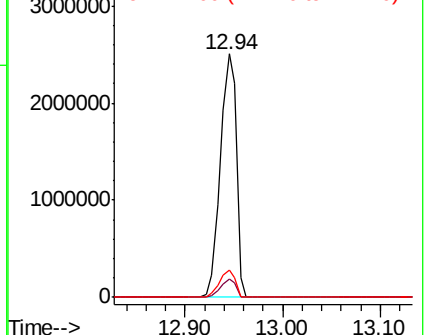
122 11.4 9.2 13.8



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: BF120433.D

Acq: 29 May 2020 12:34

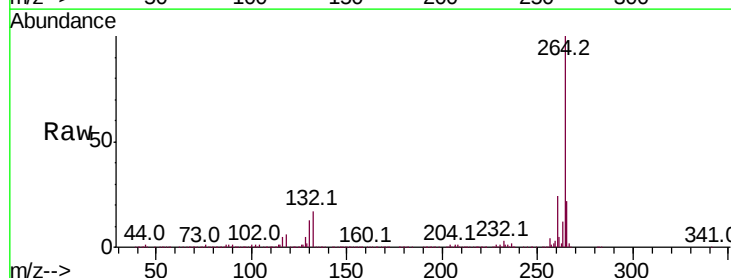
Tgt Ion:264 Resp: 861883

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.6 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

