

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120434.D
 Acq On : 29 May 2020 13:01
 Operator : MA/SJ
 Sample : L2796-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-WEST-B

Quant Time: May 29 13:32:35 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

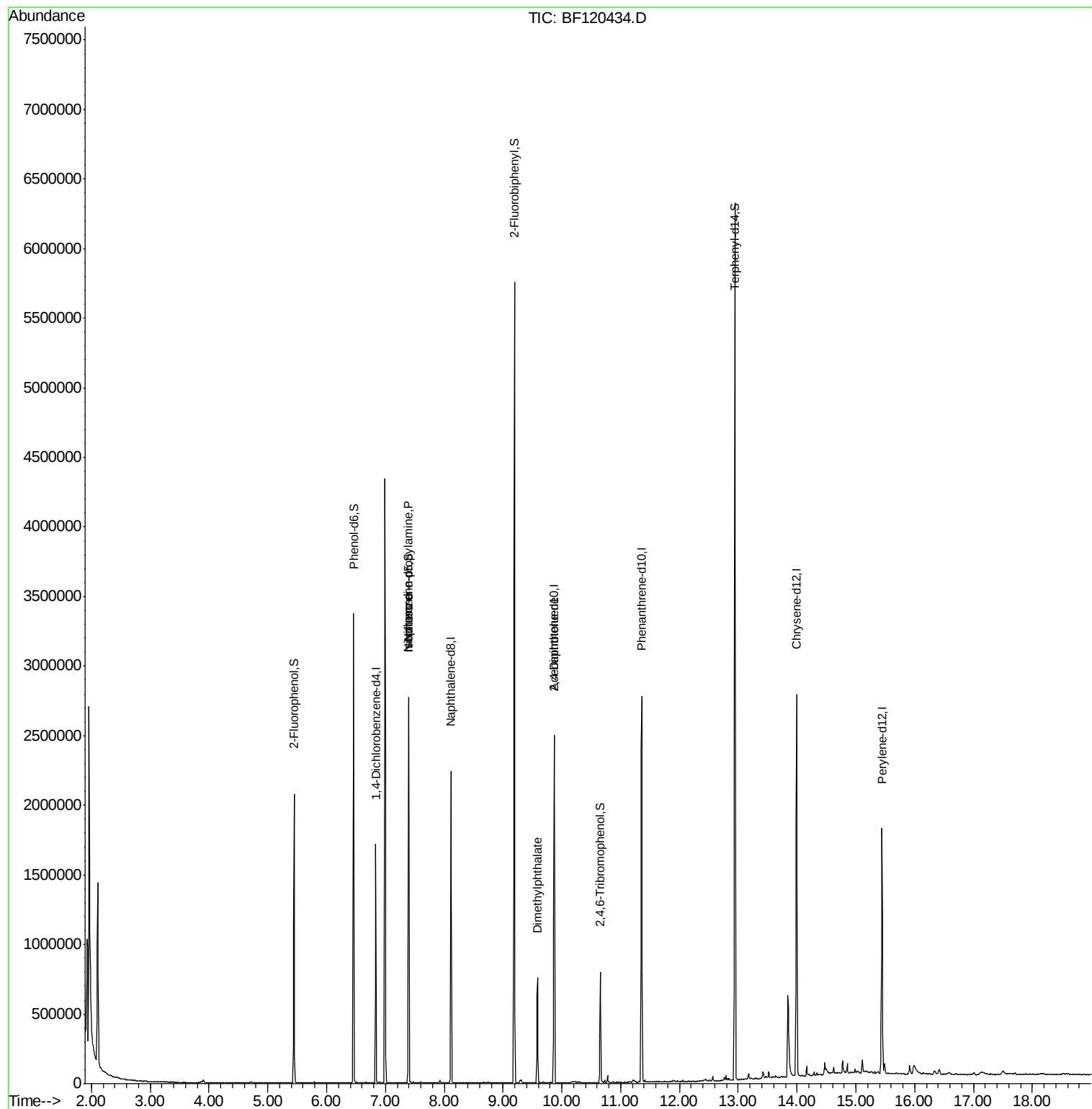
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	256363	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	992072	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	528431	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1037891	20.00	ng	0.00
76) Chrysene-d12	13.99	240	892896	20.00	ng	0.00
86) Perylene-d12	15.44	264	810759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	538880	40.06	ng	0.00
7) Phenol-d6	6.46	99	1173178	70.76	ng	-0.01
23) Nitrobenzene-d5	7.39	82	971654	64.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	89993	18.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1989221	63.87	ng	0.00
79) Terphenyl-d14	12.94	244	2485030	61.93	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	129195	12.258	ng	# 79
25) Isophorone	7.39	82	971210	31.862	ng	# 64
50) Dimethylphthalate	9.59	163	304902	9.229	ng	98
57) 2,4-Dinitrotoluene	9.87	165	69682	7.416	ng	# 22

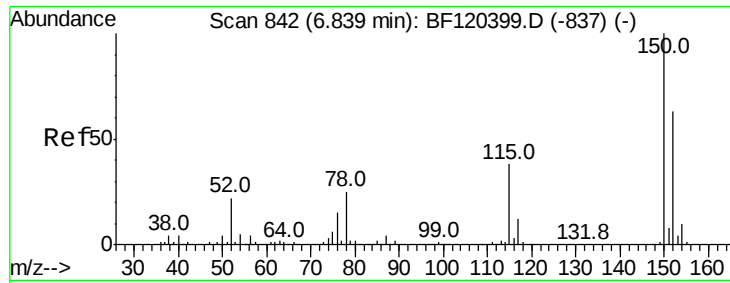
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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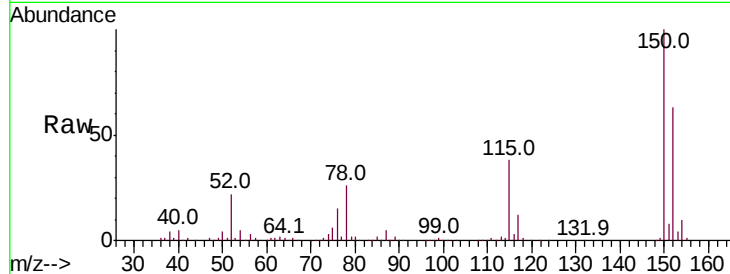


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF120434.D
 Acq: 29 May 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 CON-WEST-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.5	189.7
115	59.6	47.6	71.4

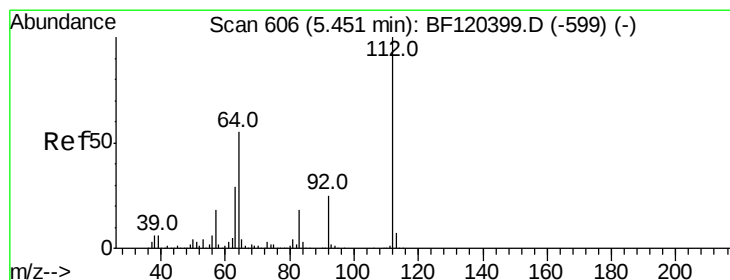
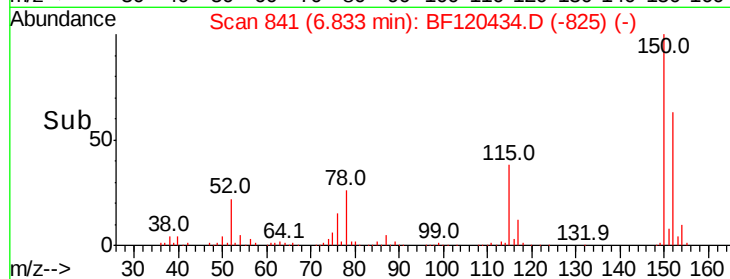
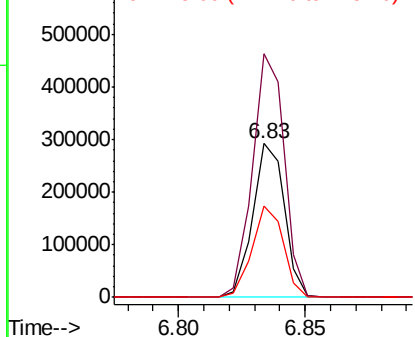


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

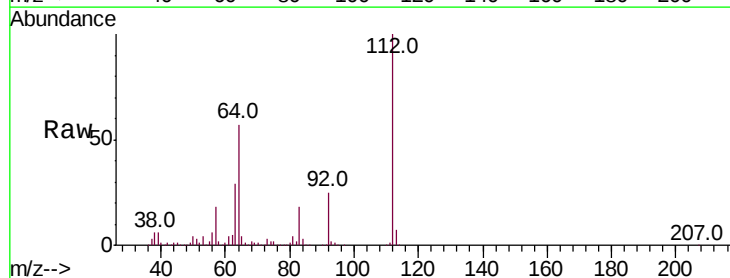
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 40.059 ng
 RT: 5.45 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF120434.D
 Acq: 29 May 2020 13:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.3	66.5
63	29.5	22.9	34.3

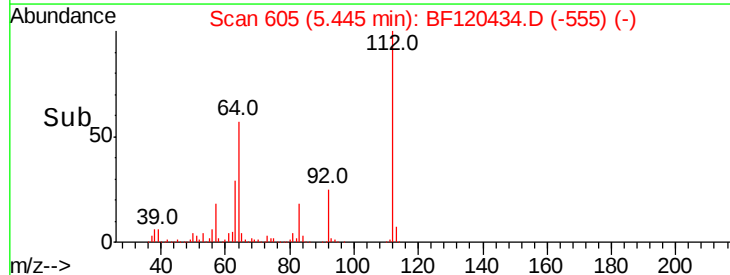
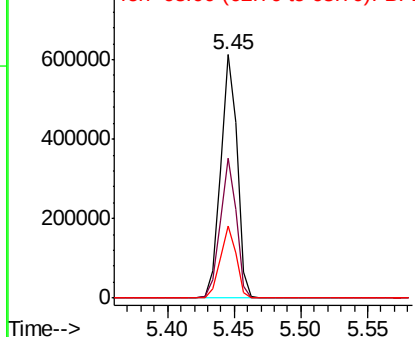


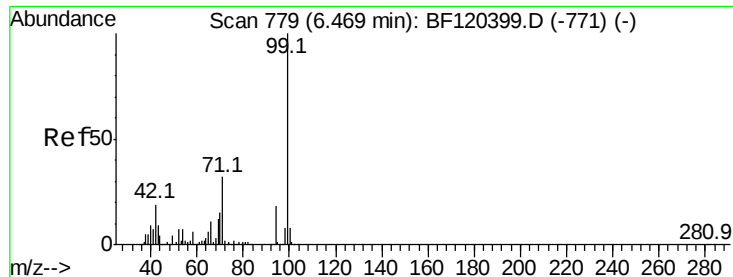
Abundance

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: 70.756 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120434.D

Acq: 29 May 2020 13:01

Instrument :

BNA_F

ClientSampleId :

CON-WEST-B

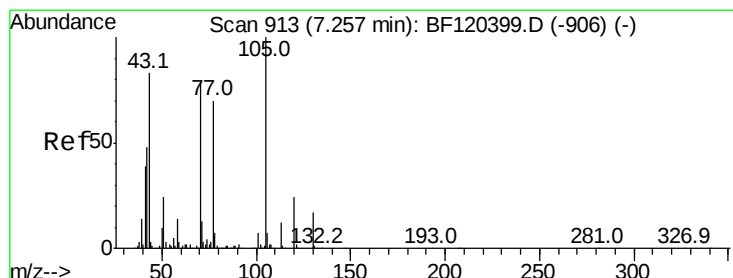
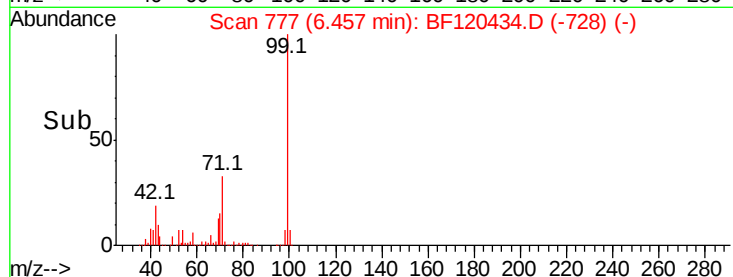
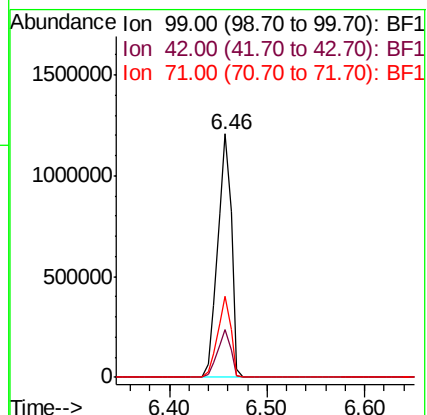
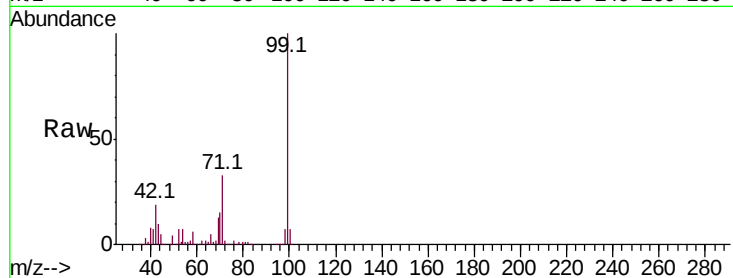
Tot Ion: 99 Resp: 1173178

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

71 33.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.258 ng

RT: 7.39 min Scan# 936

Delta R.T. 0.14 min

Lab File: BF120434.D

Acq: 29 May 2020 13:01

Tgt Ion: 70 Resp: 129195

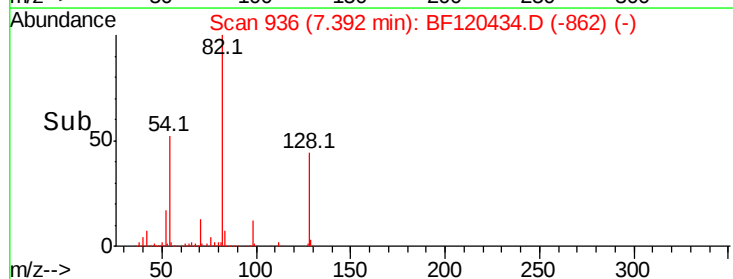
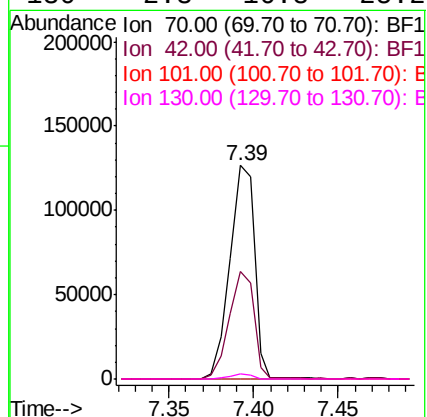
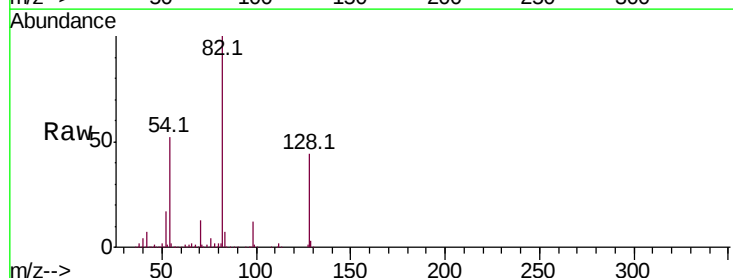
Ion Ratio Lower Upper

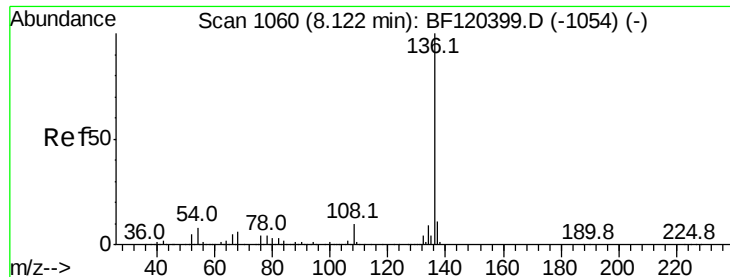
70 100

42 50.5 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# 1059

Delta R.T. -0.01 min

Lab File: BF120434.D

Acq: 29 May 2020 13:01

Instrument :

BNA_F

ClientSampleId :

CON-WEST-B

Tot Ion:136 Resp: 992072

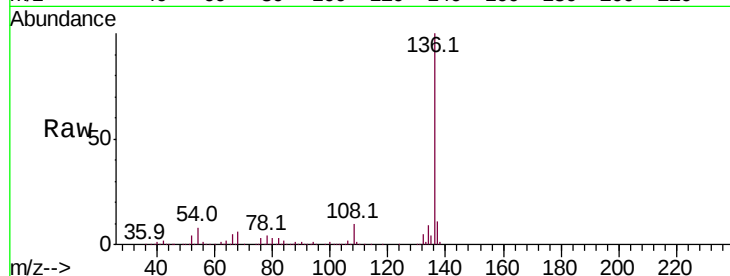
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.0 6.7 10.1

68 6.0 5.0 7.4

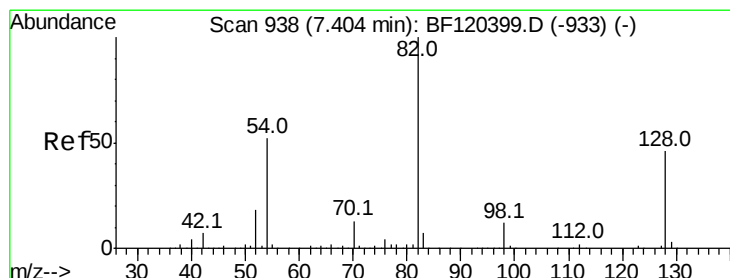
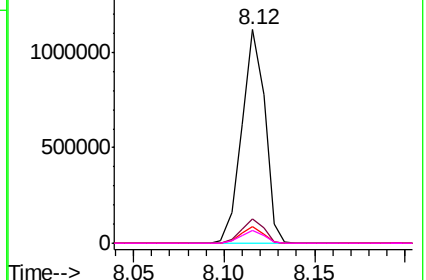
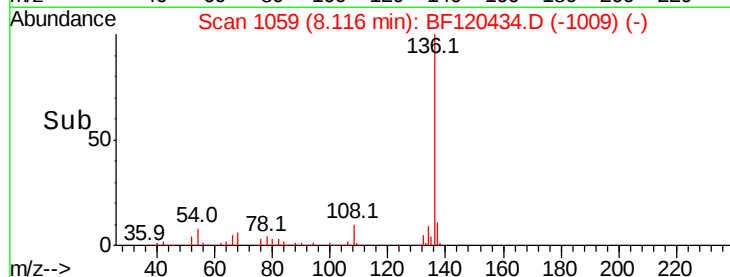


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.067 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF120434.D

Acq: 29 May 2020 13:01

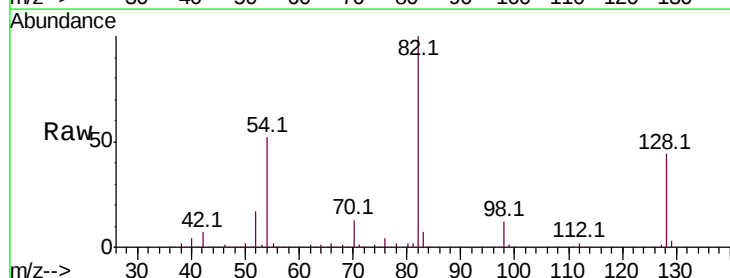
Tgt Ion: 82 Resp: 971654

Ion Ratio Lower Upper

82 100

128 44.0 36.8 55.2

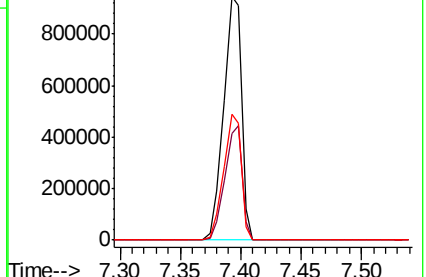
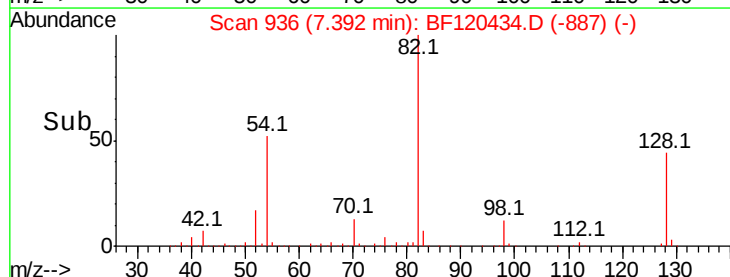
54 51.7 41.6 62.4

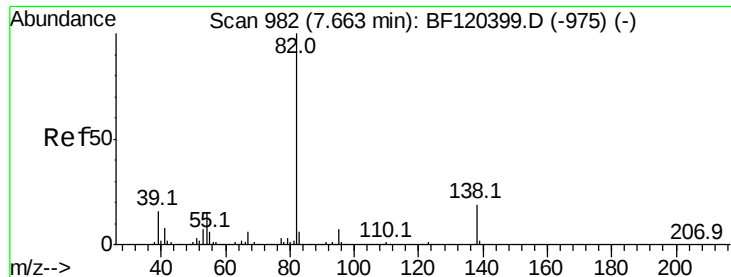


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.862 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.27 min

Lab File: BF120434.D

Acq: 29 May 2020 13:01

Instrument :

BNA_F

ClientSampleId :

CON-WEST-B

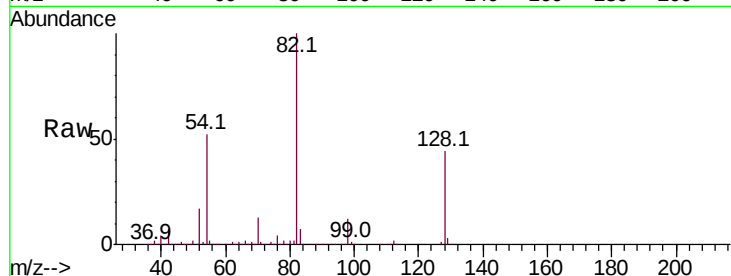
Tot Ion: 82 Resp: 971210

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

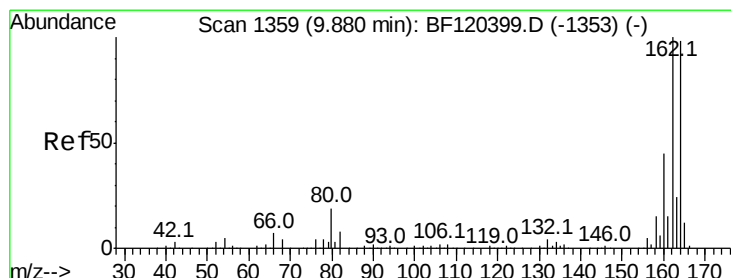
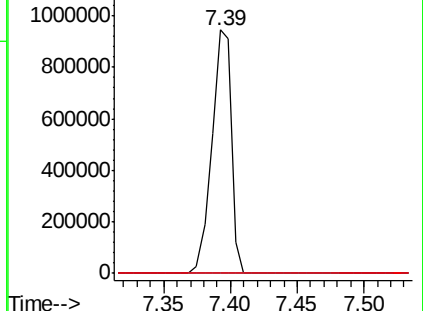
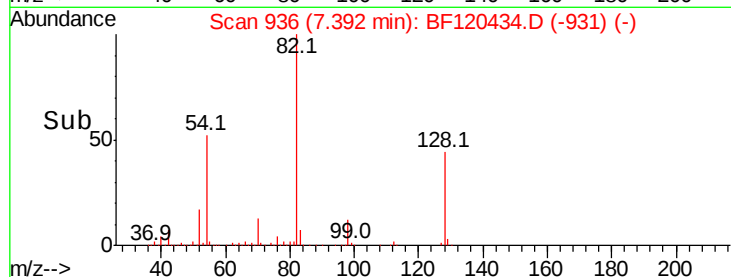
138 0.0 15.0 22.4#



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: BF120434.D

Acq: 29 May 2020 13:01

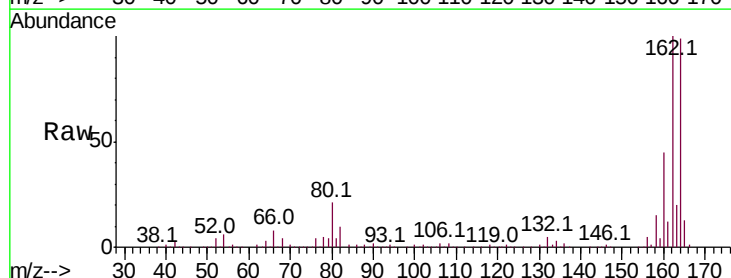
Tgt Ion: 164 Resp: 528431

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

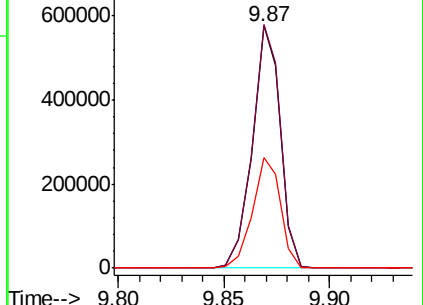
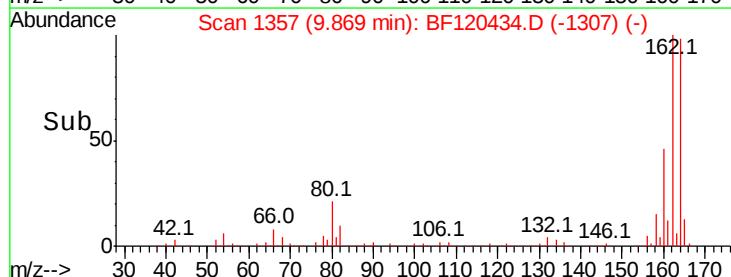
160 45.8 36.9 55.3

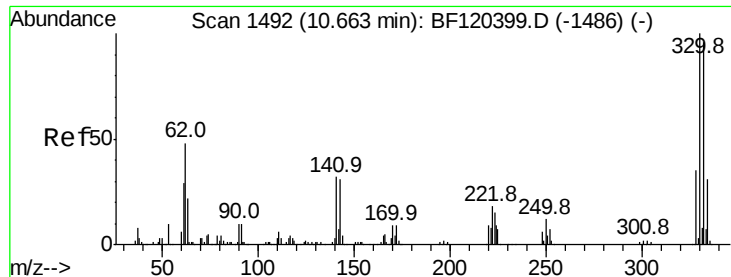


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

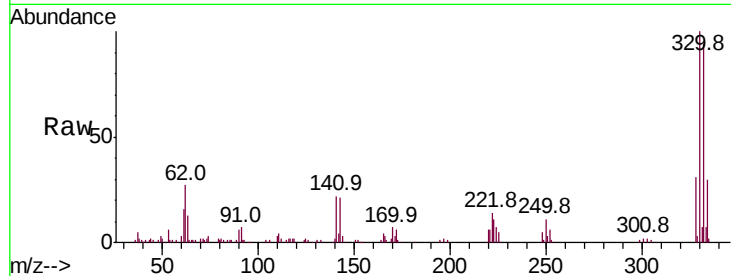




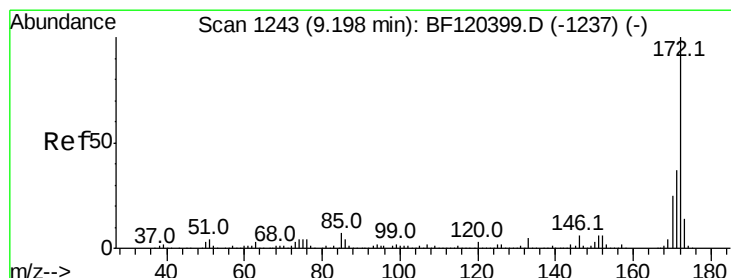
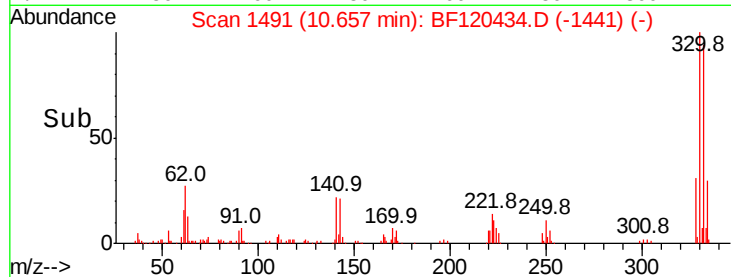
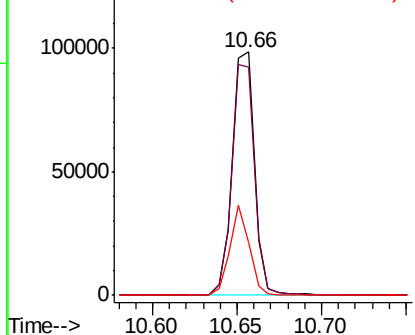
#42
 2,4,6-Tribromophenol
 Concen: 18.380 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120434.D
 Acq: 29 May 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 CON-WEST-B

Tot Ion:330 Resp: 89993
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 32.2 25.3 37.9

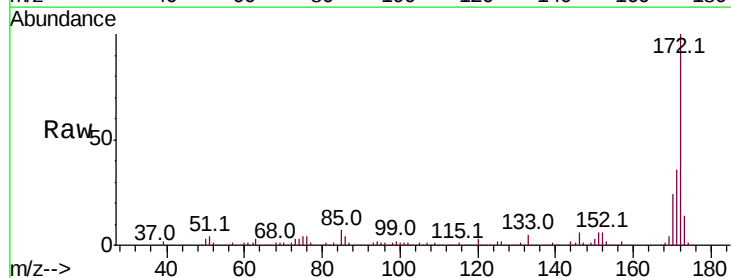


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

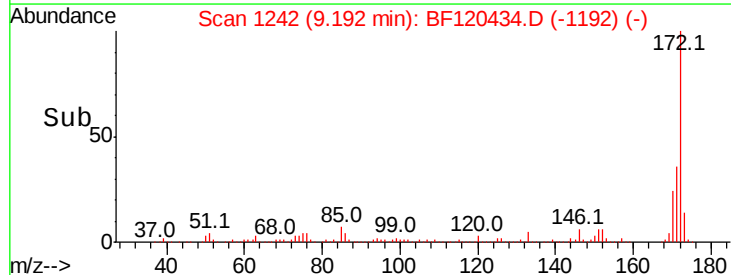
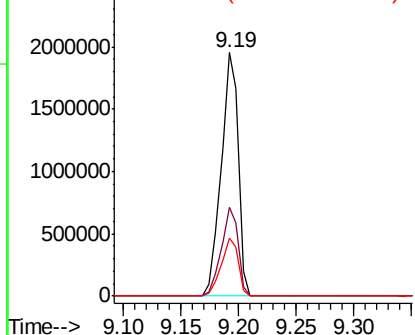


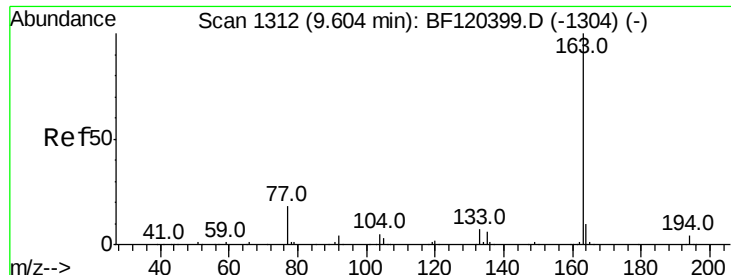
#45
 2-Fluorobiphenyl
 Concen: 63.870 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120434.D
 Acq: 29 May 2020 13:01

Tgt Ion:172 Resp: 1989221
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.1 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

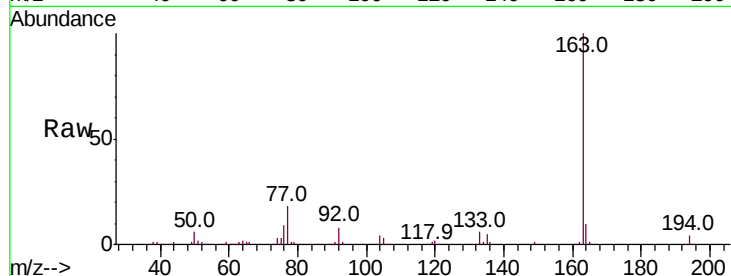




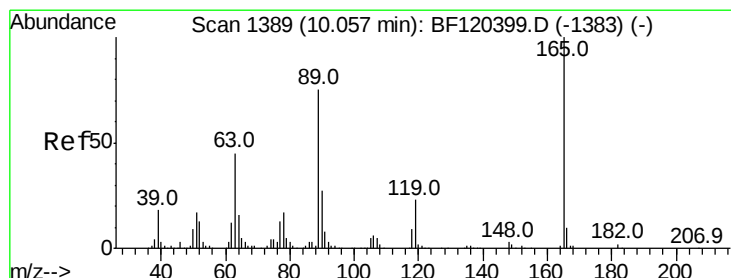
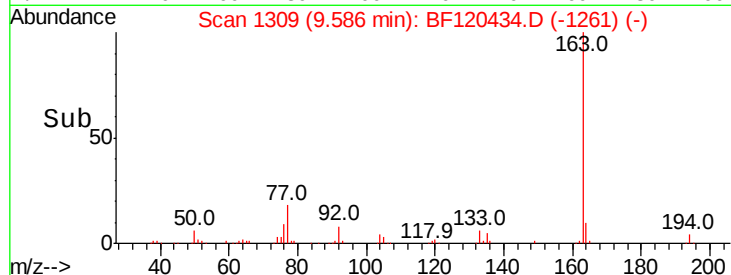
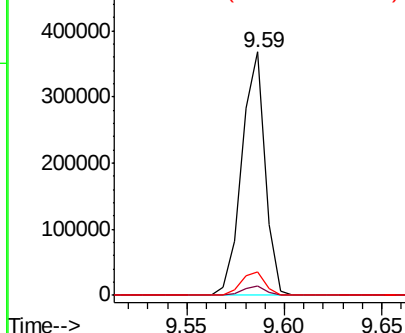
#50
Dimethylphthalate
Concen: 9.229 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120434.D
Acq: 29 May 2020 13:01

Instrument :
BNA_F
ClientSampleId :
CON-WEST-B

Tot Ion:163	Resp:	304902
Ion Ratio	Lower	Upper
163	100	
194	3.7	3.3 4.9
164	9.8	8.3 12.5

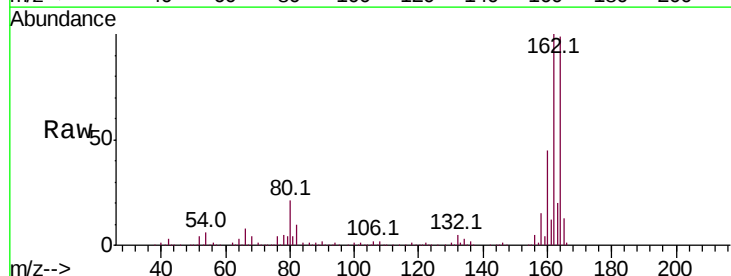


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

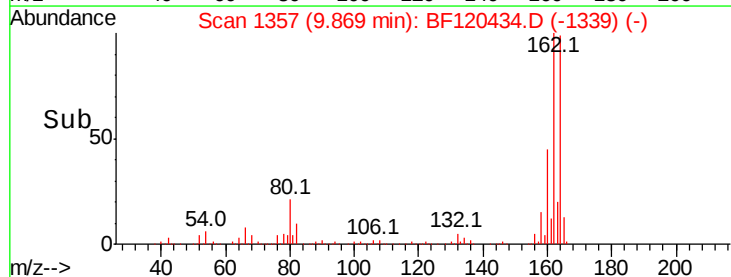
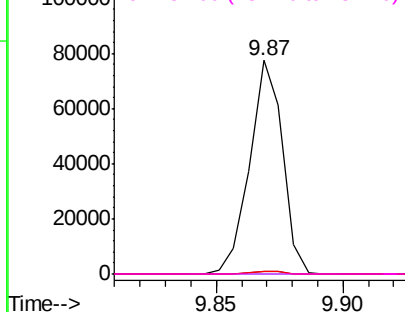


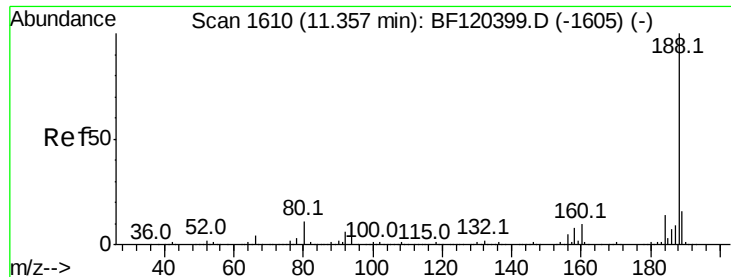
#57
2,4-Dinitrotoluene
Concen: 7.416 ng
RT: 9.87 min Scan# 1357
Delta R.T. -0.19 min
Lab File: BF120434.D
Acq: 29 May 2020 13:01

Tgt Ion:165	Resp:	69682
Ion Ratio	Lower	Upper
165	100	
63	0.9	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

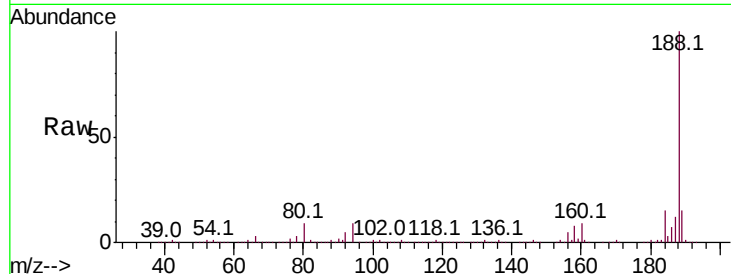




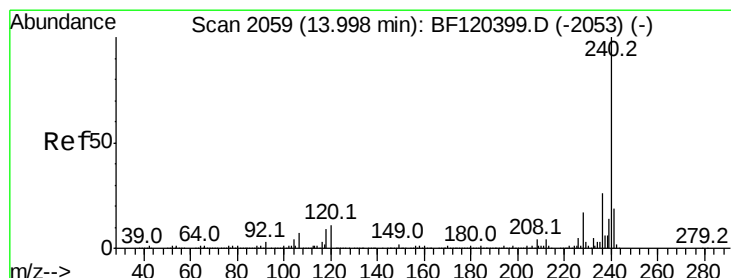
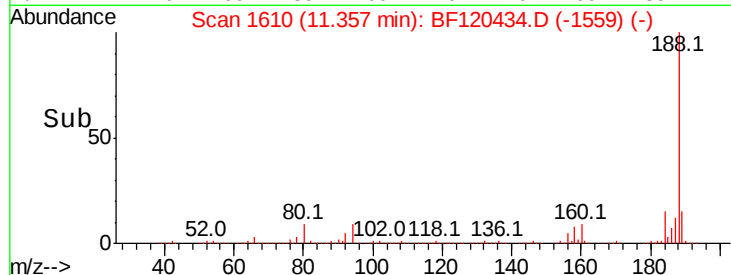
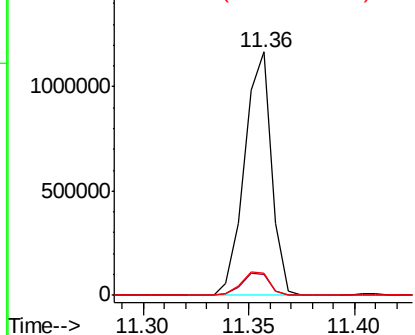
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF120434.D
Acq: 29 May 2020 13:01

Instrument :
BNA_F
ClientSampleId :
CON-WEST-B

Tot Ion:188 Resp: 1037891
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.0 8.6 13.0

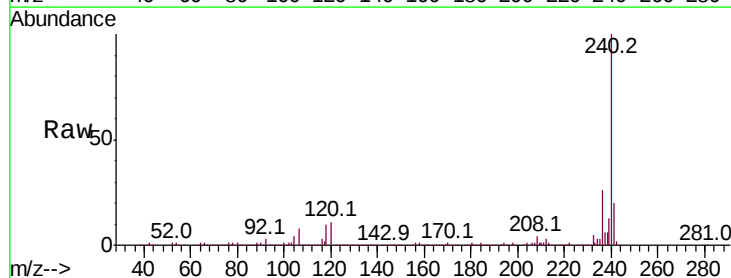


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

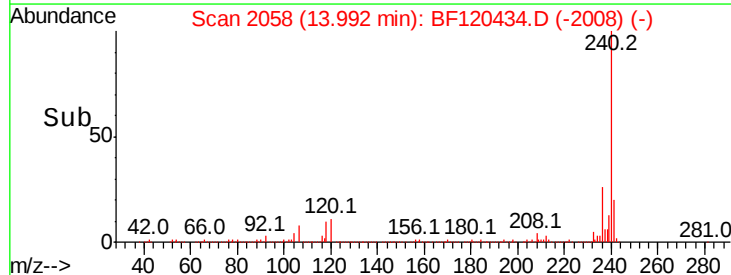
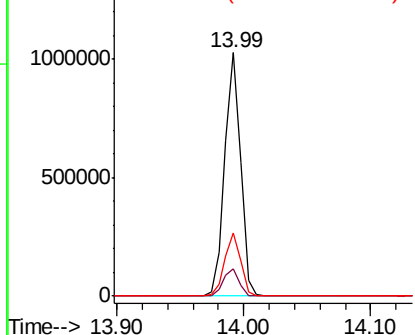


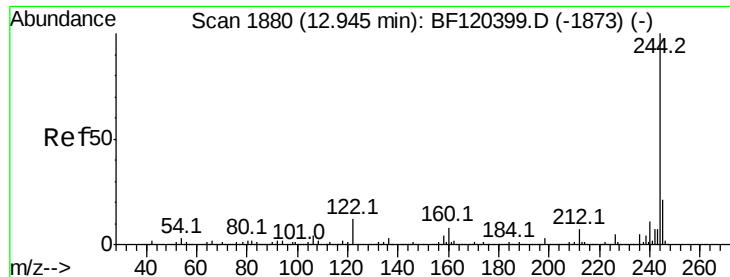
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120434.D
Acq: 29 May 2020 13:01

Tgt Ion:240 Resp: 892896
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.0 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: 61.931 ng

RT: 12.94 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BF120434.D

Acq: 29 May 2020 13:01

Instrument :

BNA_F

ClientSampleId :

CON-WEST-B

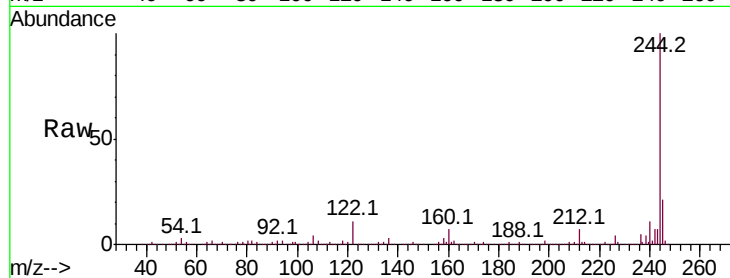
Tot Ion:244 Resp: 2485030

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

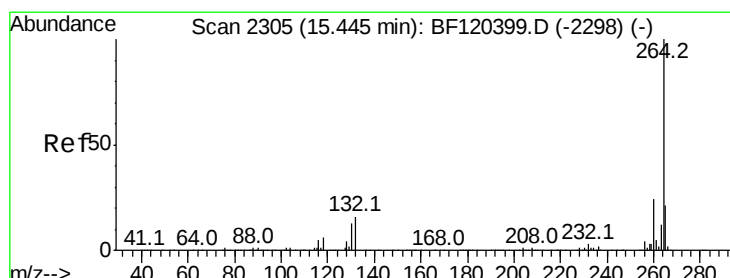
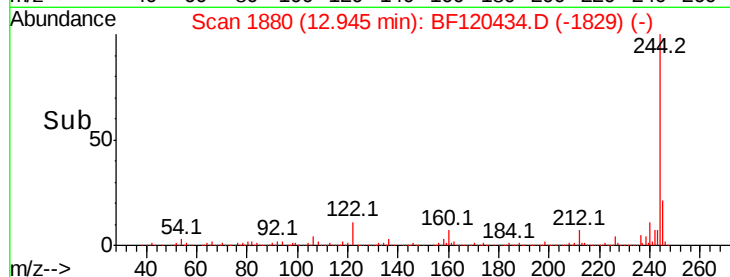
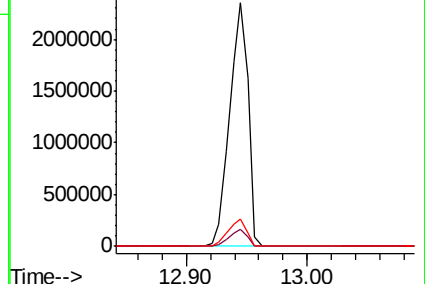
122 11.1 9.2 13.8



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: BF120434.D

Acq: 29 May 2020 13:01

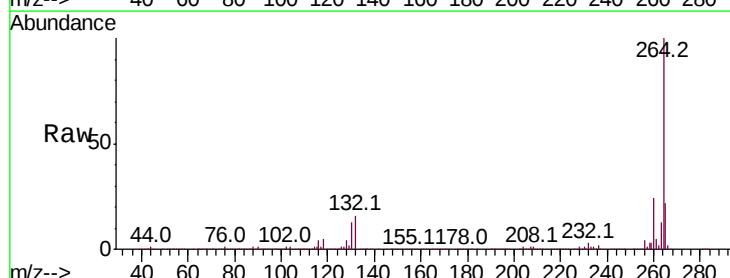
Tgt Ion:264 Resp: 810759

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.0 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

