

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF052920\
 Data File : BF120437.D
 Acq On : 29 May 2020 14:23
 Operator : MA/SJ
 Sample : L2796-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-EAST-A

Quant Time: May 29 14:58:38 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

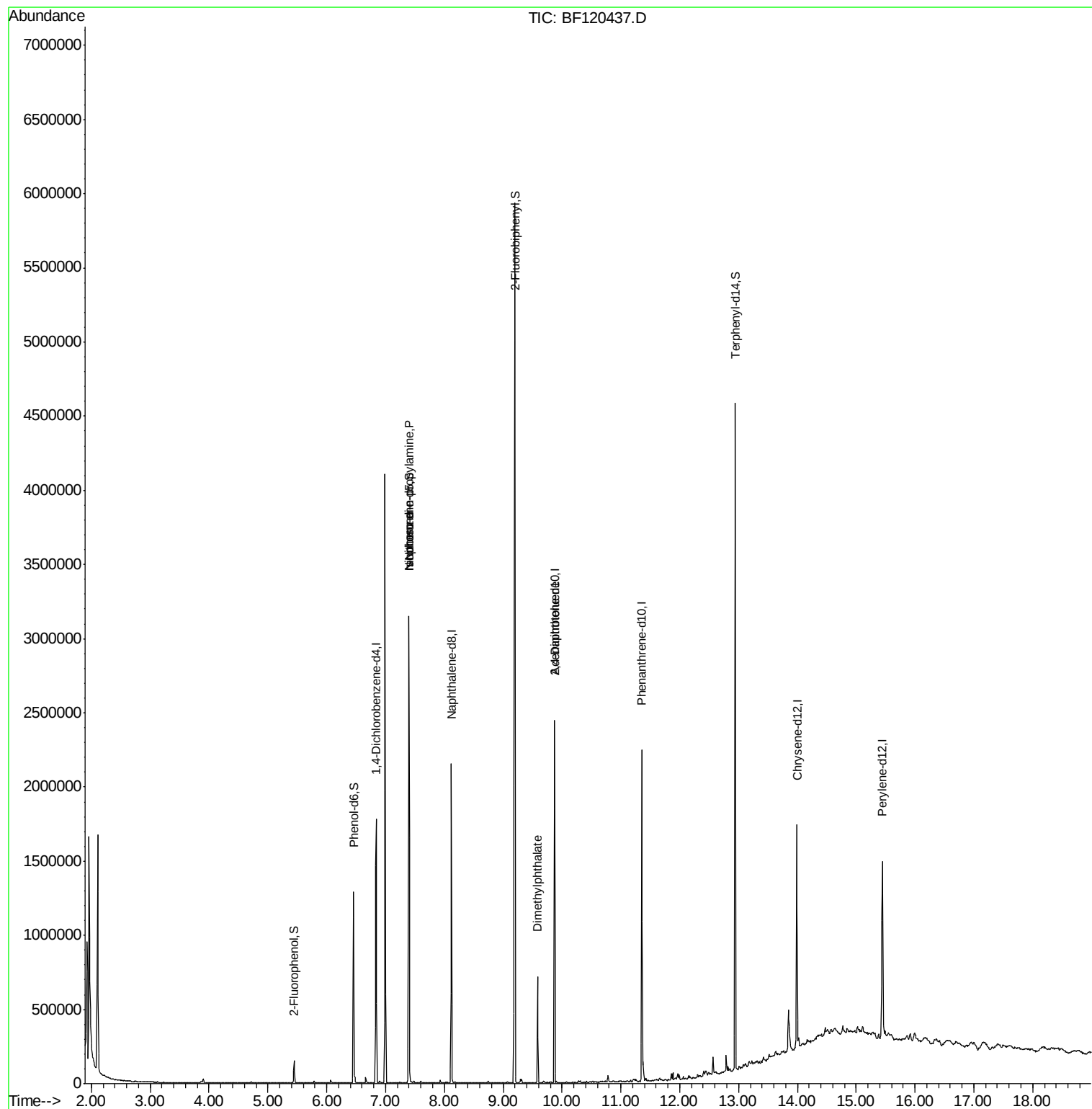
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	259385	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	951696	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	464526	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	739060	20.00	ng	0.00
76) Chrysene-d12	13.99	240	489364	20.00	ng	0.00
86) Perylene-d12	15.44	264	535652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	35712	2.62	ng	0.00
7) Phenol-d6	6.46	99	409003	24.38	ng	-0.01
23) Nitrobenzene-d5	7.40	82	973599	66.92	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	413	0.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1862992	68.05	ng	0.00
79) Terphenyl-d14	12.95	244	1560790	70.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	131676	12.348	ng	# 79
25) Isophorone	7.40	82	970959	33.205	ng	# 64
50) Dimethylphthalate	9.59	163	244331	8.413	ng	99
57) 2,4-Dinitrotoluene	9.87	165	60120	7.279	ng	# 22

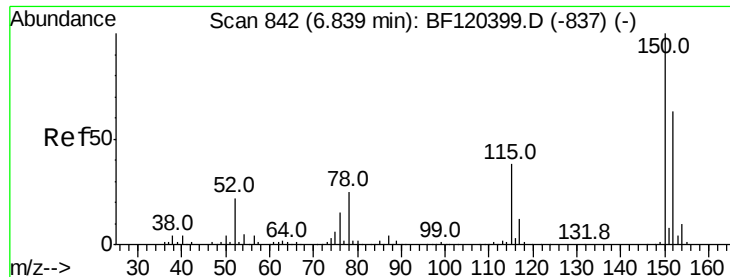
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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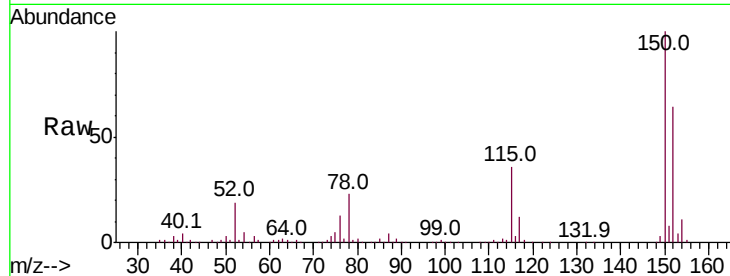


#1

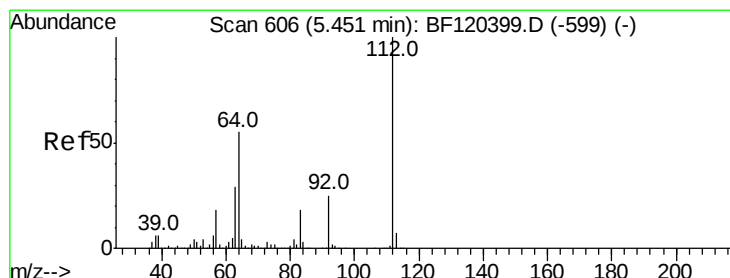
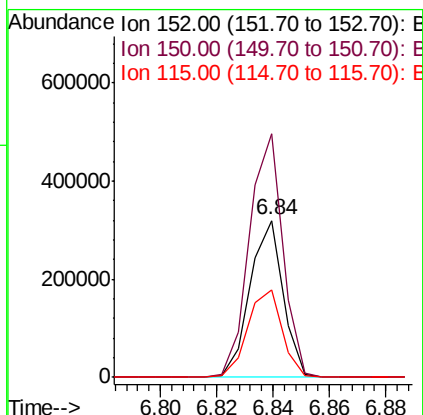
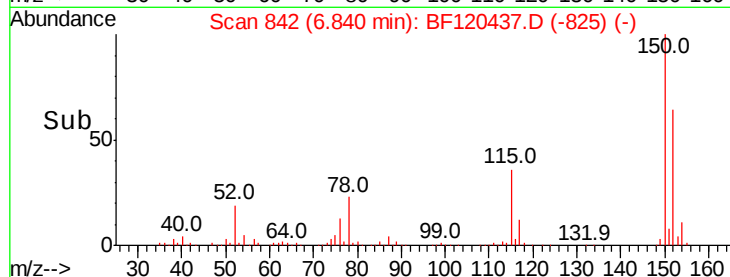
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120437.D
Acq: 29 May 2020 14:23

Instrument :
BNA_F
ClientSampleId :
CON-EAST-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.5	189.7
115	56.1	47.6	71.4



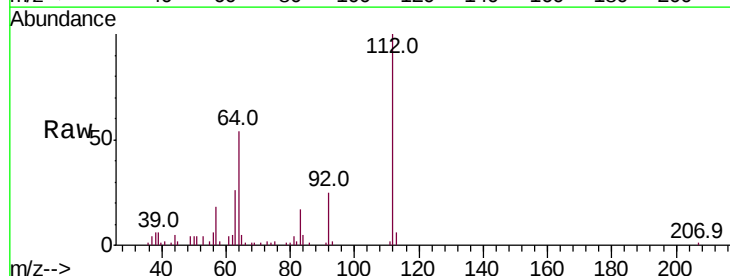
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



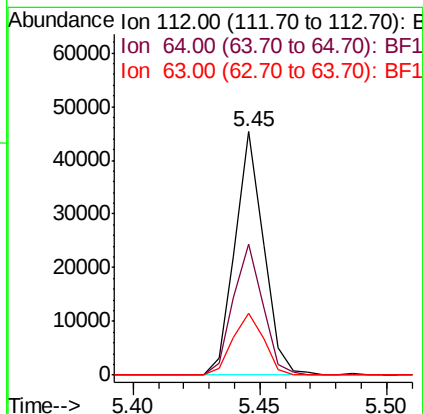
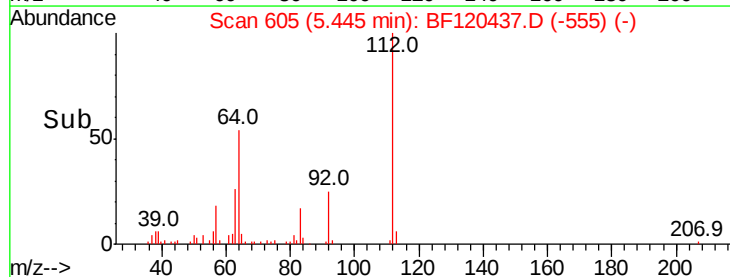
#5

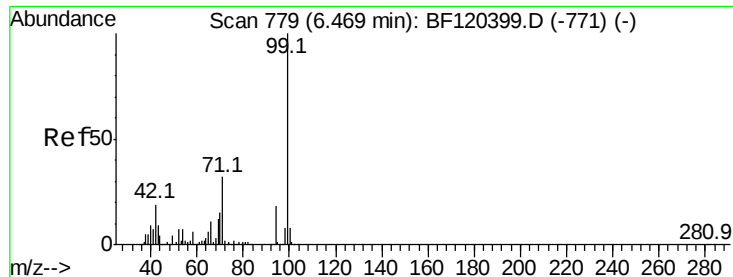
2-Fluorophenol
Concen: 2.624 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.01 min
Lab File: BF120437.D
Acq: 29 May 2020 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.5	44.3	66.5
63	25.6	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: 24.380 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

Instrument :

BNA_F

ClientSampleId :

CON-EAST-A

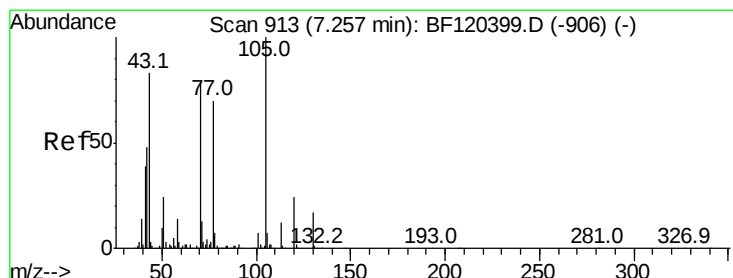
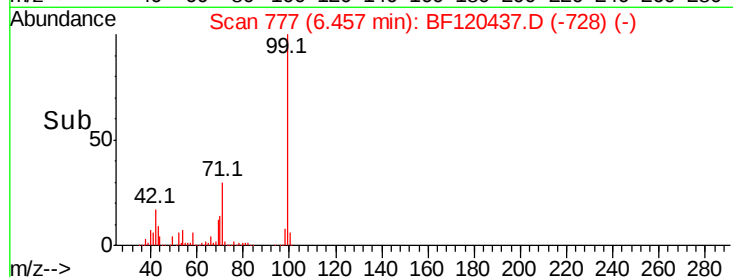
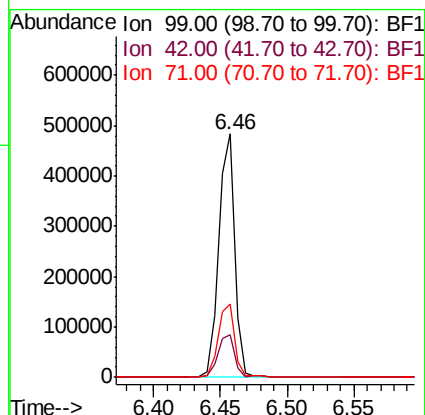
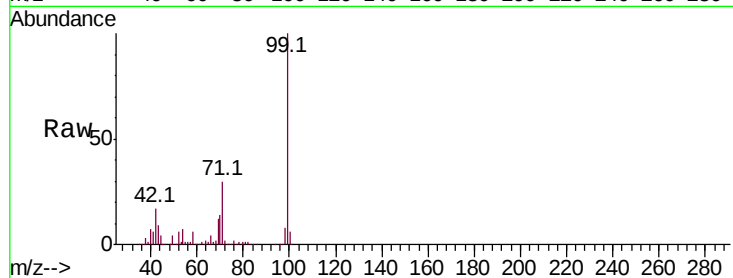
Tot Ion: 99 Resp: 409003

Ion Ratio Lower Upper

99 100

42 17.3 15.2 22.8

71 30.1 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.348 ng

RT: 7.40 min Scan# 937

Delta R.T. 0.14 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

Tgt Ion: 70 Resp: 131676

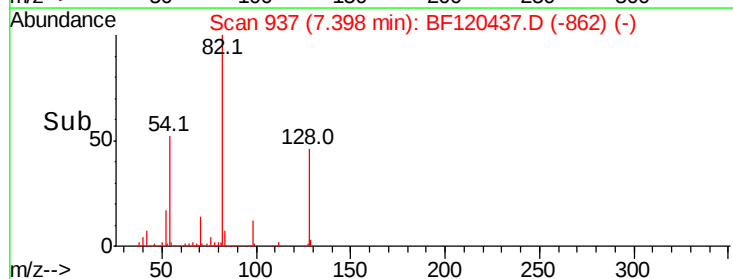
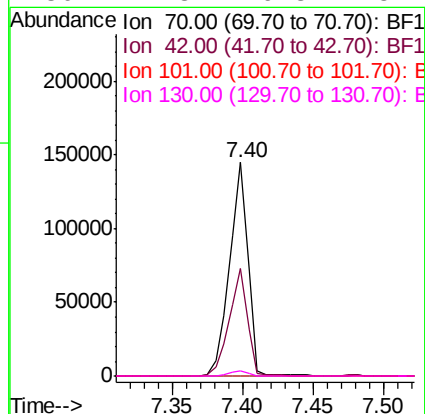
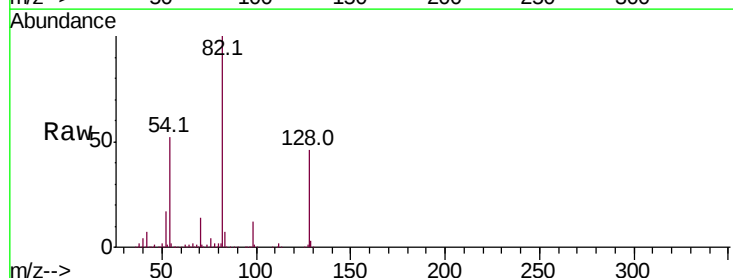
Ion Ratio Lower Upper

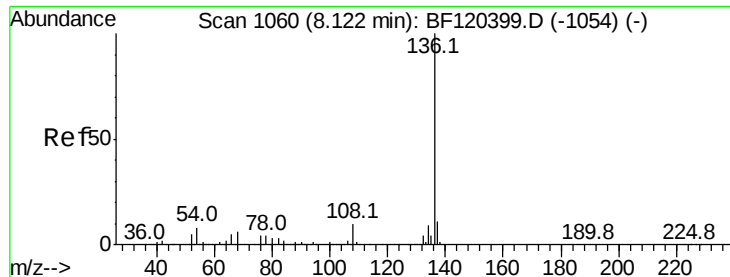
70 100

42 50.3 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: BF120437.D

Acq: 29 May 2020 14:23

Instrument :

BNA_F

ClientSampleId :

CON-EAST-A

Tot Ion:136 Resp: 951696

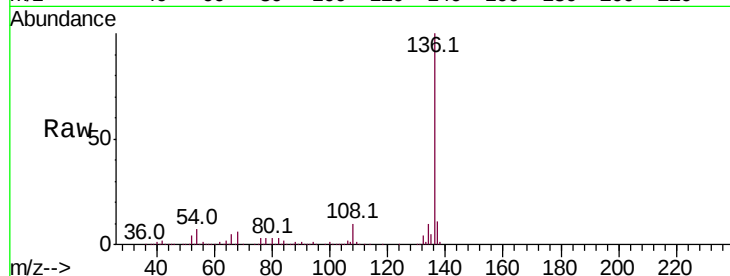
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.3 6.7 10.1

68 5.5 5.0 7.4

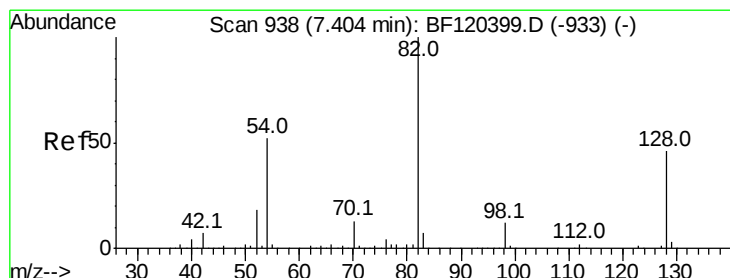
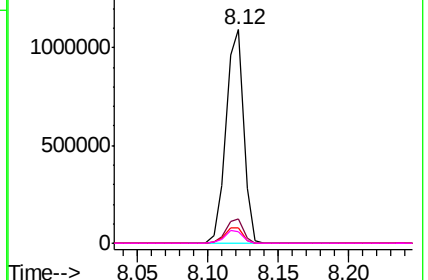
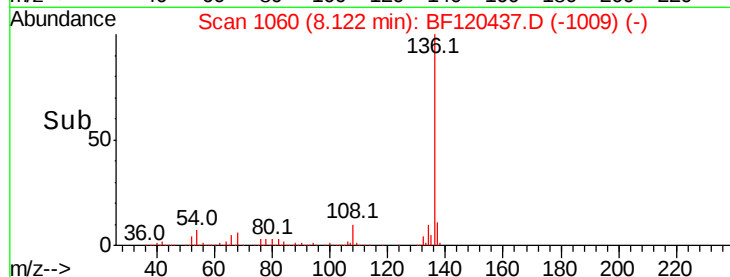


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.919 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

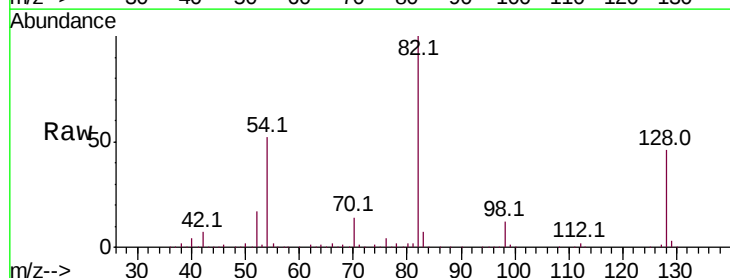
Tgt Ion: 82 Resp: 973599

Ion Ratio Lower Upper

82 100

128 45.8 36.8 55.2

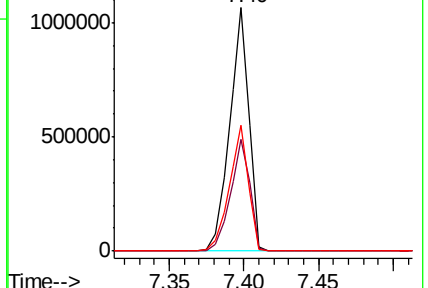
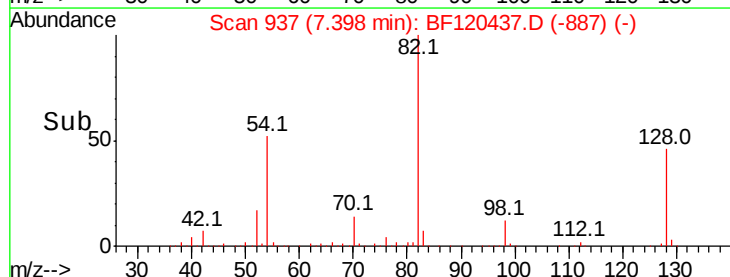
54 51.6 41.6 62.4

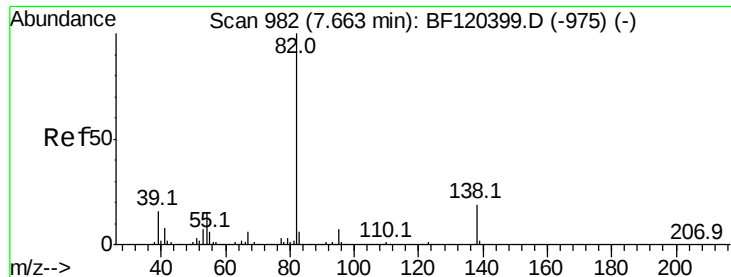


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 33.205 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.26 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

Instrument :

BNA_F

ClientSampleId :

CON-EAST-A

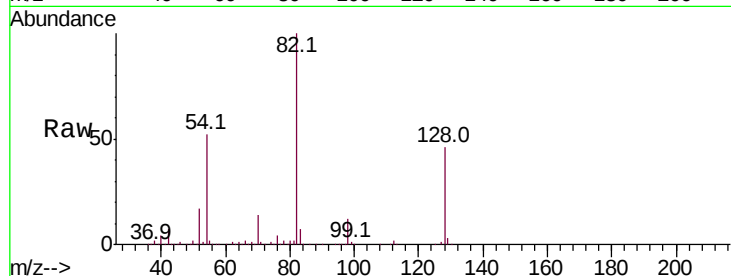
Tot Ion: 82 Resp: 970959

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

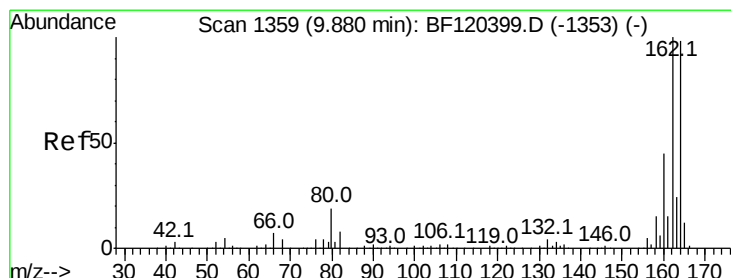
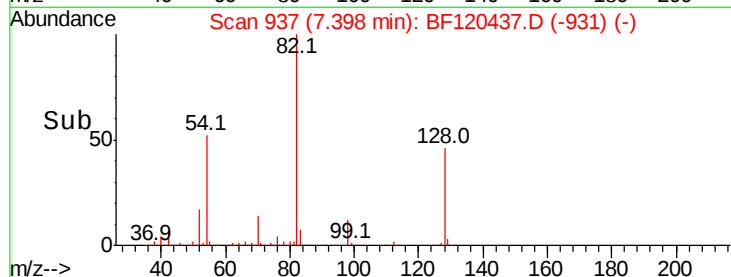
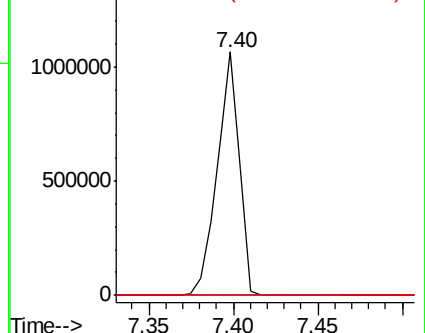
138 0.0 15.0 22.4#



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: BF120437.D

Acq: 29 May 2020 14:23

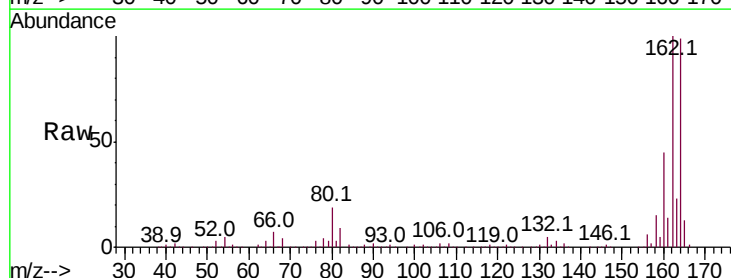
Tgt Ion: 164 Resp: 464526

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

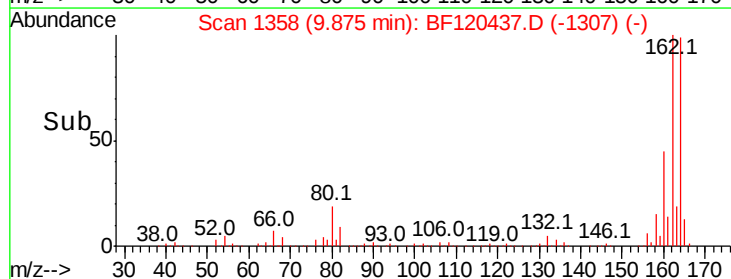
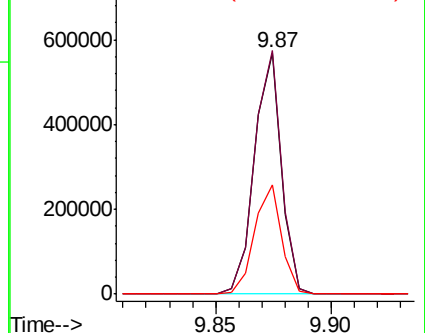
160 45.2 36.9 55.3

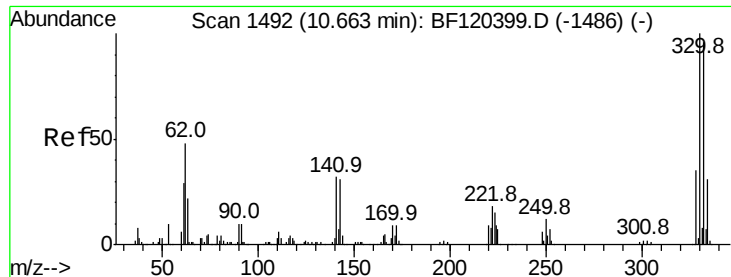


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 0.096 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

Instrument :

BNA_F

ClientSampleId :

CON-EAST-A

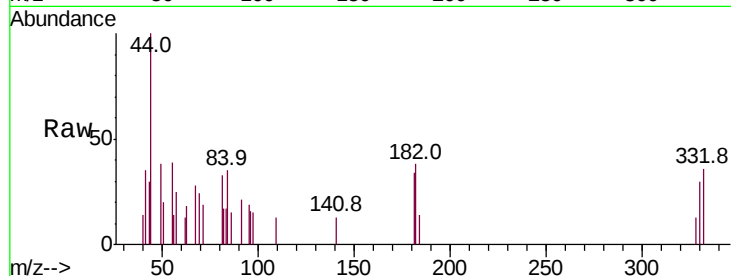
Tot Ion:330 Resp: 413

Ion Ratio Lower Upper

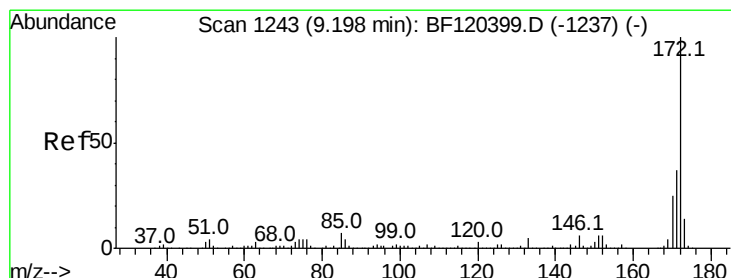
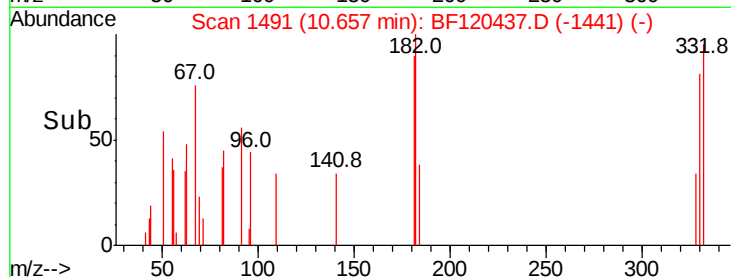
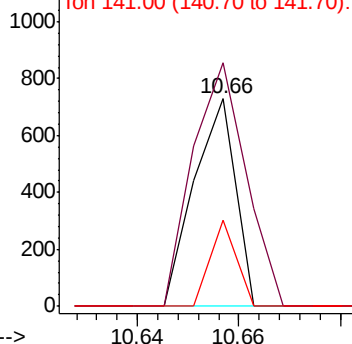
330 100

332 150.6 77.0 115.6#

141 25.9 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: 68.046 ng

RT: 9.20 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

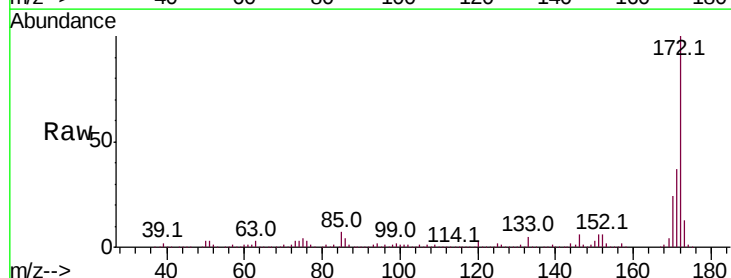
Tgt Ion:172 Resp: 1862992

Ion Ratio Lower Upper

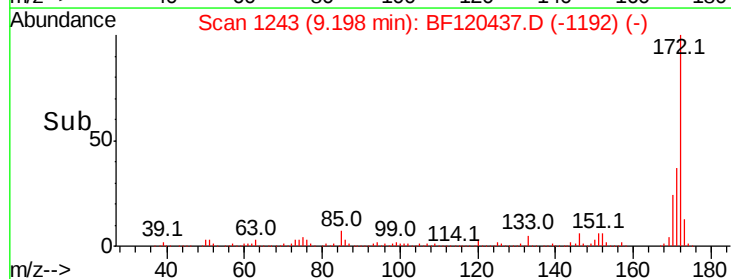
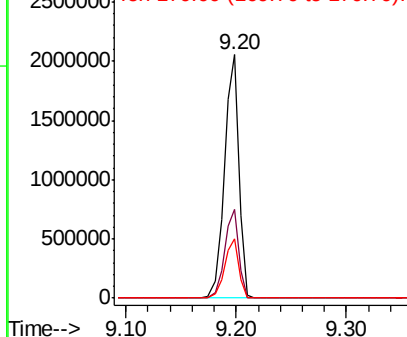
172 100

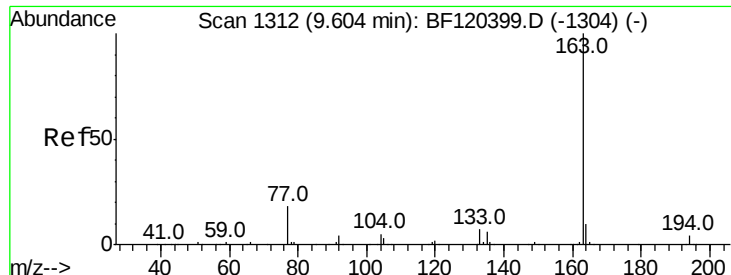
171 36.6 29.7 44.5

170 24.3 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

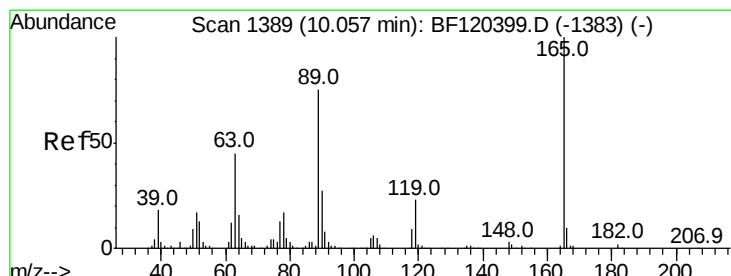
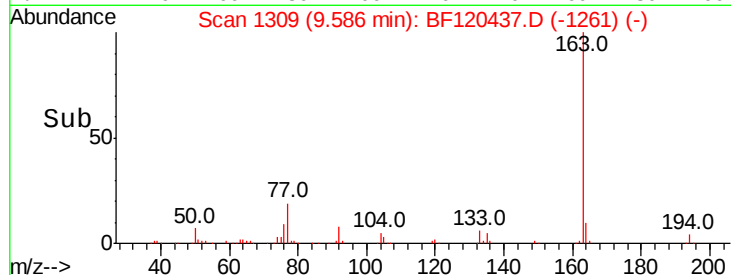
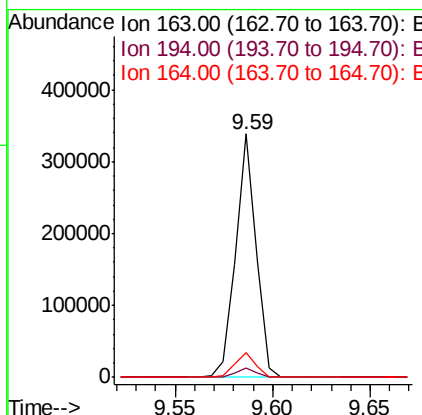
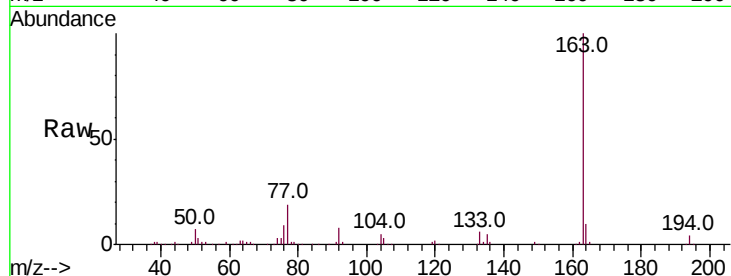




#50
Dimethylphthalate
Concen: 8.413 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120437.D
Acq: 29 May 2020 14:23

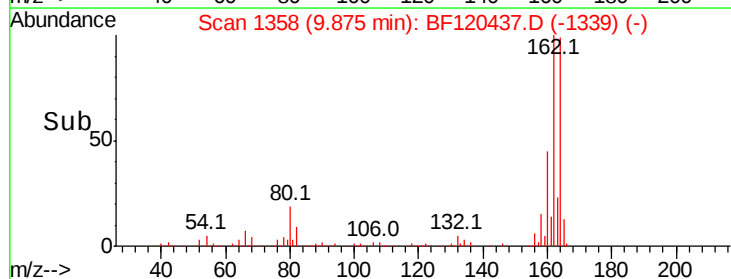
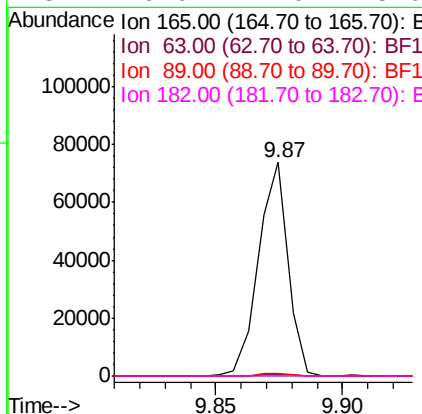
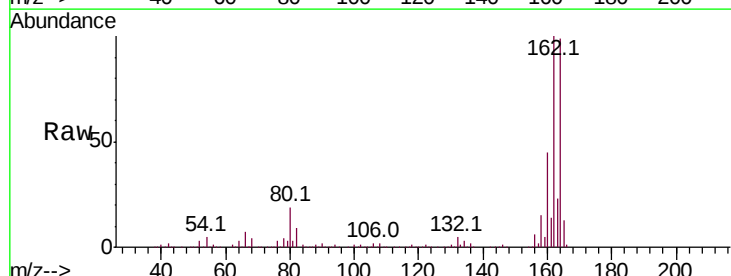
Instrument :
BNA_F
ClientSampleId :
CON-EAST-A

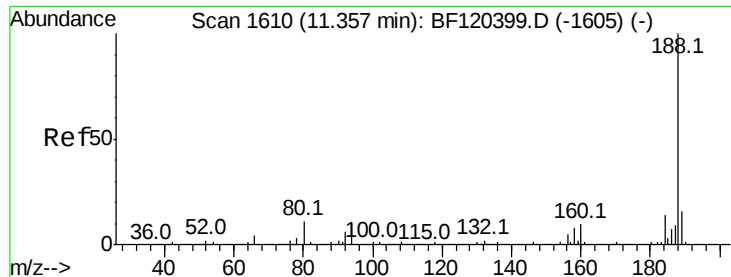
Tot Ion:163	Resp:	244331
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.3 4.9
164	10.3	8.3 12.5



#57
2,4-Dinitrotoluene
Concen: 7.279 ng
RT: 9.87 min Scan# 1358
Delta R.T. -0.19 min
Lab File: BF120437.D
Acq: 29 May 2020 14:23

Tgt Ion:165	Resp:	60120
Ion Ratio	Lower	Upper
165	100	
63	0.9	35.9 53.9#
89	1.2	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: BF120437.D

Acq: 29 May 2020 14:23

Instrument :

BNA_F

ClientSampleId :

CON-EAST-A

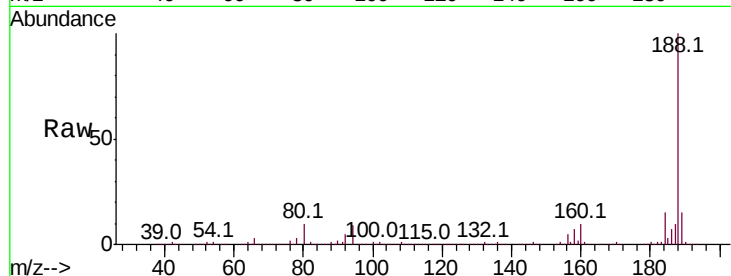
Tot Ion:188 Resp: 739060

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

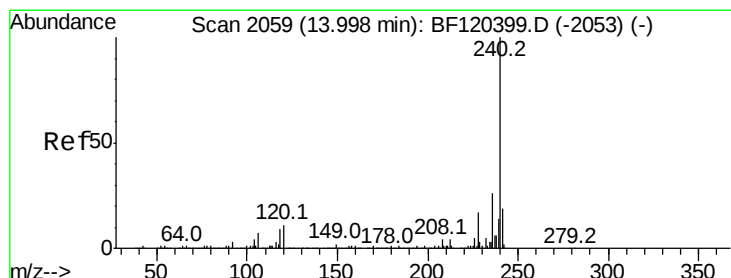
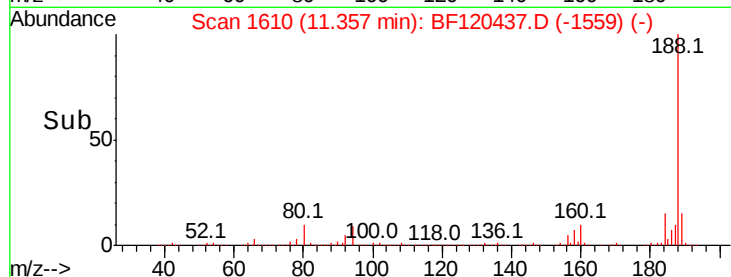
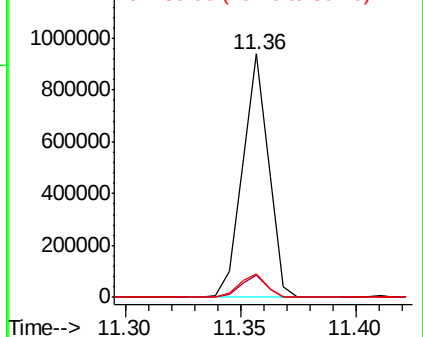
80 9.6 8.6 13.0



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: BF120437.D

Acq: 29 May 2020 14:23

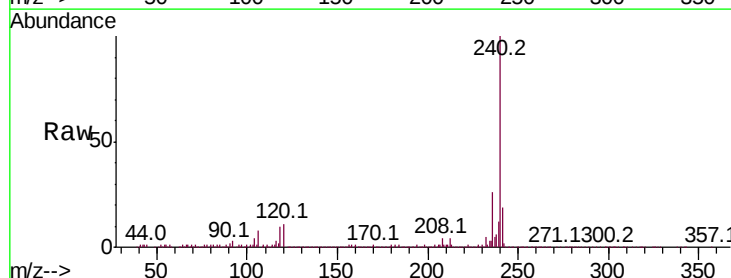
Tgt Ion:240 Resp: 489364

Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

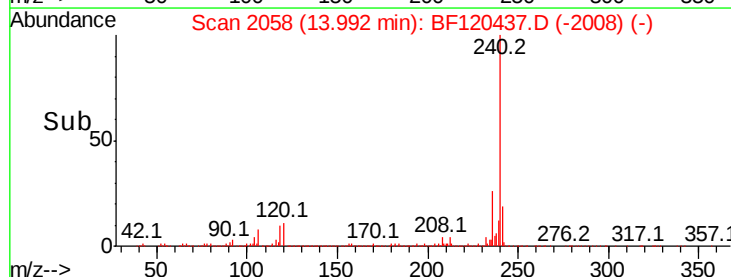
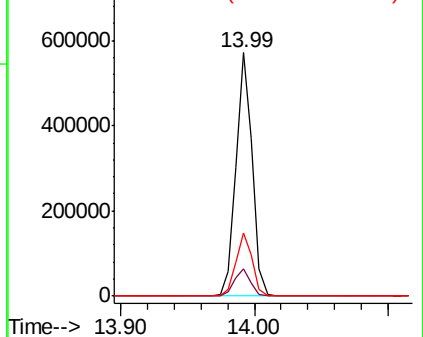
236 26.0 21.0 31.4

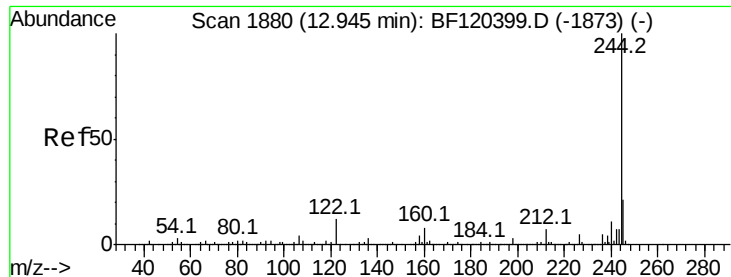


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 70.972 ng

RT: 12.95 min Scan# 1880

Delta R.T. 0.00 min

Lab File: BF120437.D

Acq: 29 May 2020 14:23

Instrument :

BNA_F

ClientSampleId :

CON-EAST-A

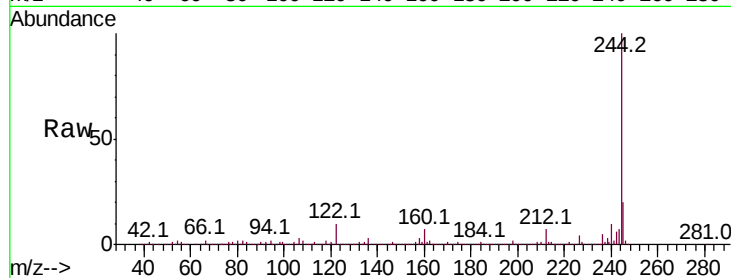
Tot Ion:244 Resp: 1560790

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

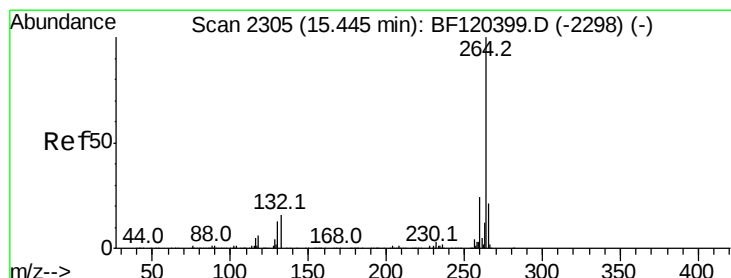
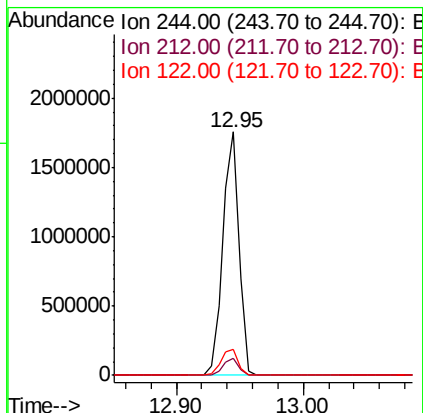
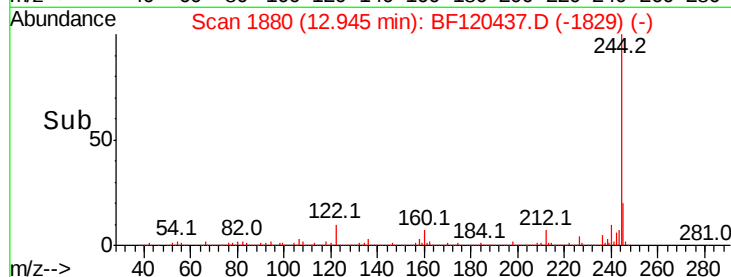
122 10.4 9.2 13.8



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: BF120437.D

Acq: 29 May 2020 14:23

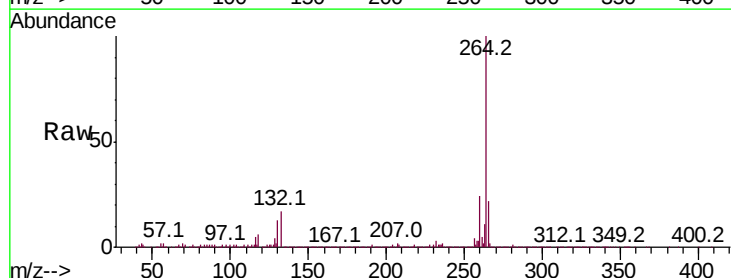
Tgt Ion:264 Resp: 535652

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.9 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

