

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121579.D
 Acq On : 15 Sep 2020 15:59
 Operator : JU/CG
 Sample : L4006-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-2

Quant Time: Sep 15 17:02:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

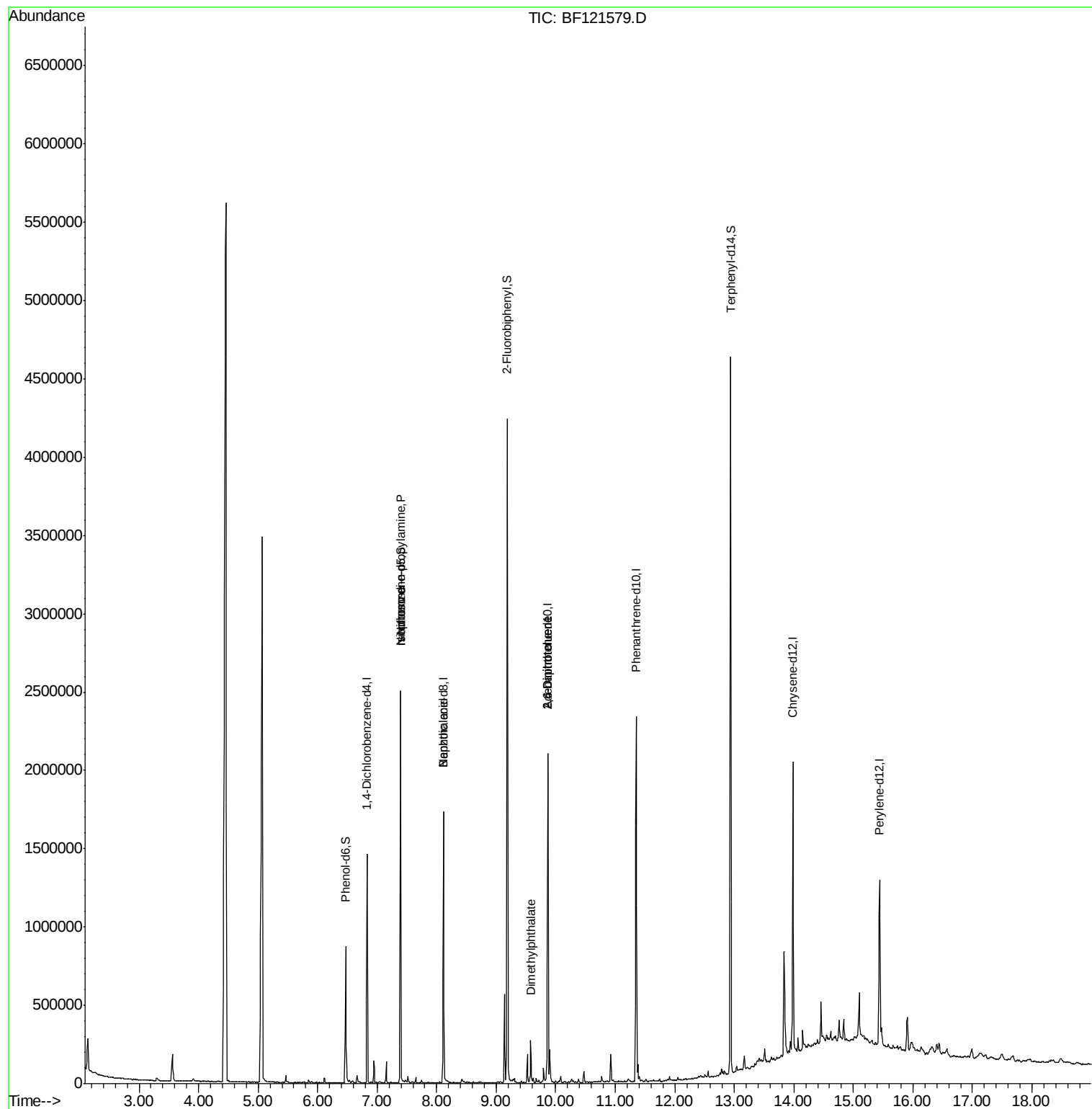
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	210574	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	835551	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	439809	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	823175	20.00	ng	0.00
76) Chrysene-d12	13.99	240	618207	20.00	ng	0.00
86) Perylene-d12	15.44	264	477060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	14902	1.05	ng	0.02
7) Phenol-d6	6.46	99	305275	16.42	ng	0.00
23) Nitrobenzene-d5	7.39	82	784251	50.40	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	160	0.03	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1417912	48.83	ng	0.00
79) Terphenyl-d14	12.94	244	1536522	50.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	105159	9.816	ng	# 79
25) Isophorone	7.39	82	774237	24.715	ng	# 66
32) Benzoic acid	8.11	122	107	6.944	ng	# 1
50) Dimethylphthalate	9.58	163	110845	3.477	ng	100
51) 2,6-Dinitrotoluene	9.87	165	57783	8.512	ng	# 28
57) 2,4-Dinitrotoluene	9.87	165	57783	6.766	ng	# 24

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121579.D
Acq On : 15 Sep 2020 15:59
Operator : JU/CG
Sample : L4006-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CON-2

Quant Time: Sep 15 17:02:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



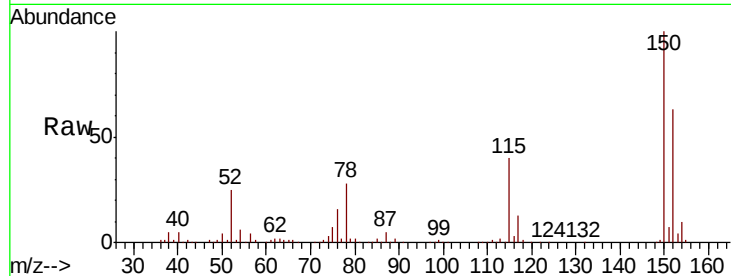


#1

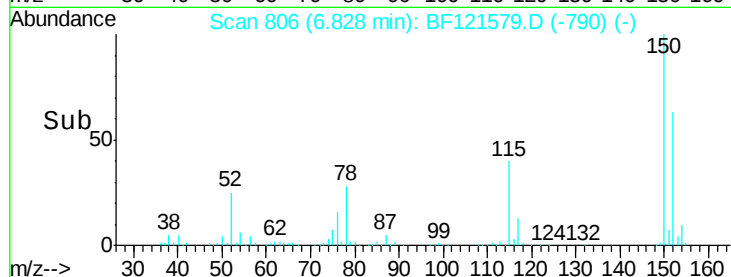
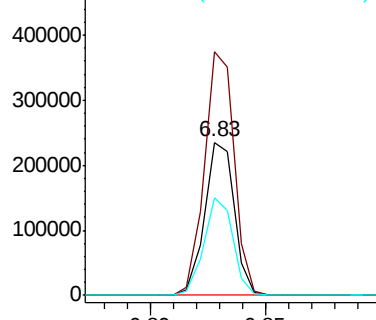
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Instrument :
BNA_F
ClientSampled :
CON-2

Tot Ion:152 Resp: 210574
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 64.1 47.8 71.8



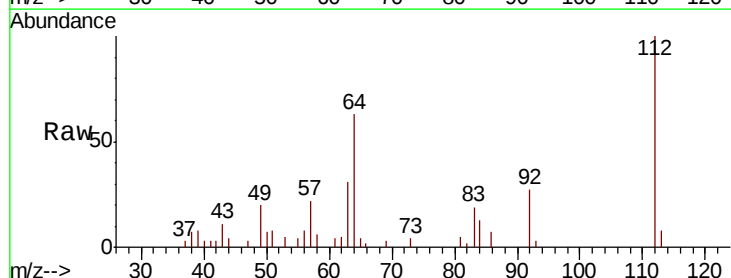
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



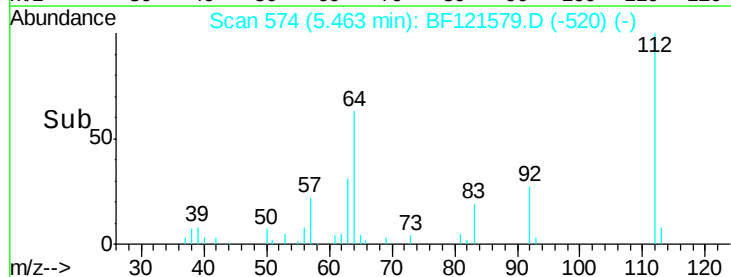
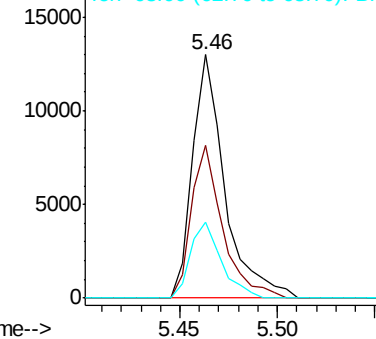
#5

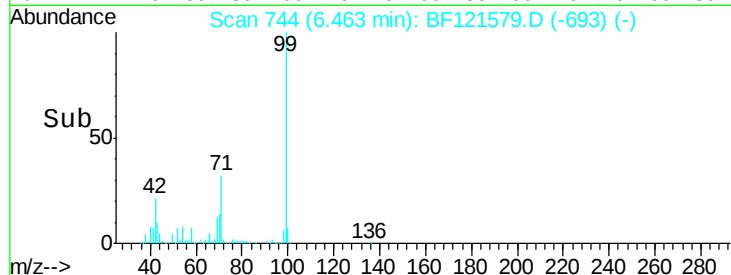
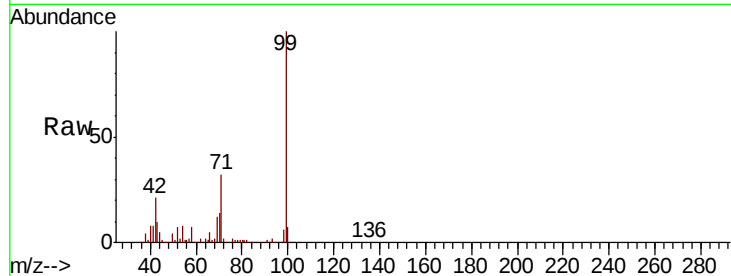
2-Fluorophenol
Concen: 1.052 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion:112 Resp: 14902
Ion Ratio Lower Upper
112 100
64 62.8 50.3 75.5
63 31.4 25.6 38.4



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: 16.422 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

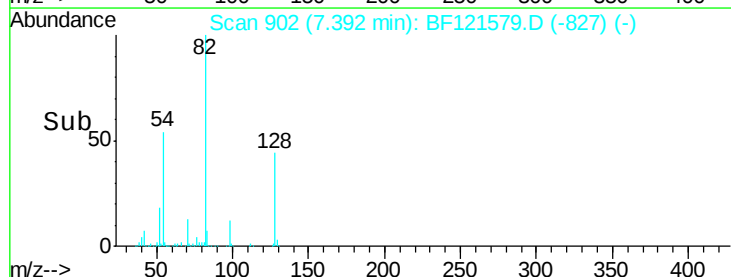
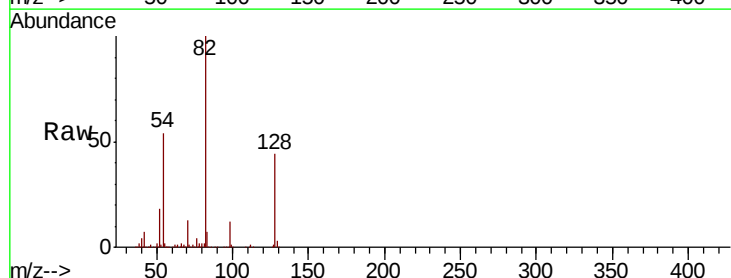
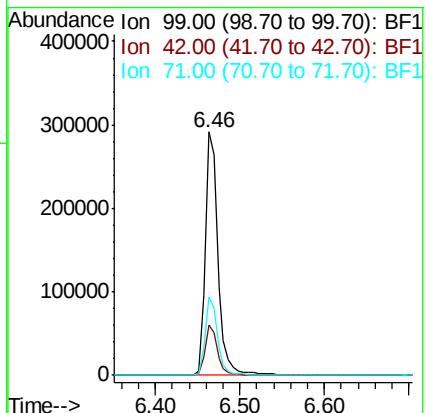
Tot Ion: 99 Resp: 305275

Ion Ratio Lower Upper

99 100

42 20.7 15.5 23.3

71 32.1 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 9.816 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Tgt Ion: 70 Resp: 105159

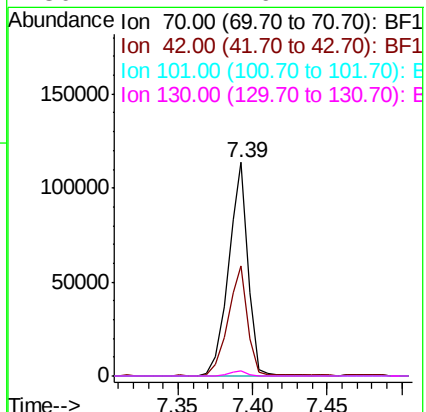
Ion Ratio Lower Upper

70 100

42 51.4 49.4 74.2

101 0.0 7.6 11.4#

130 2.2 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

Tot Ion:136 Resp: 835551

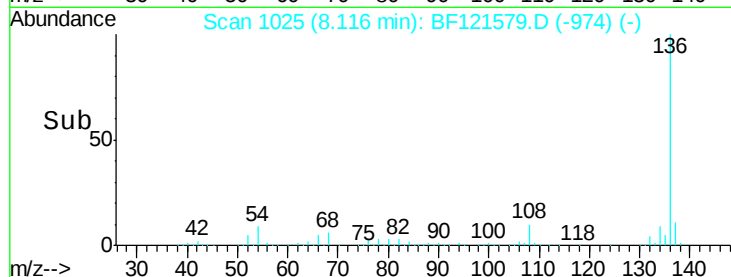
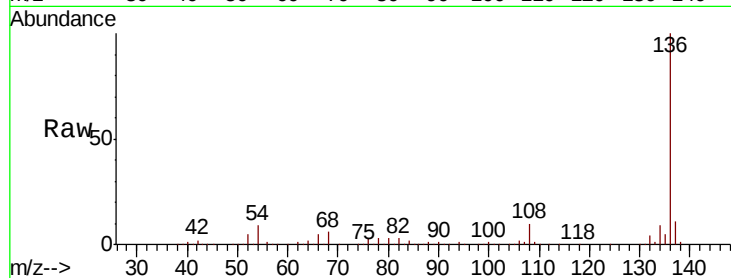
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.7 7.6 11.4

68 6.5 5.7 8.5

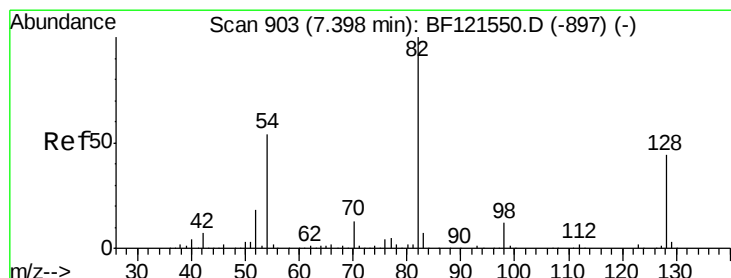
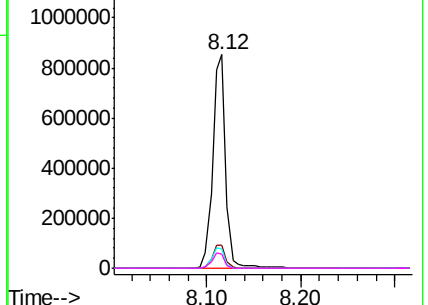


Abundance Ion 136.00 (135.70 to 136.70): E

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: 50.395 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

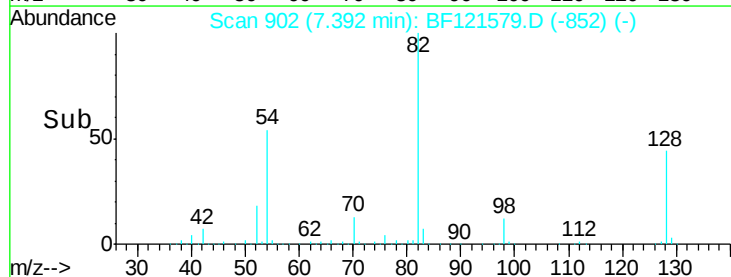
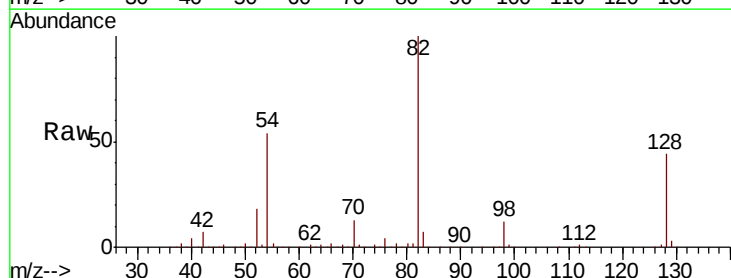
Tgt Ion: 82 Resp: 784251

Ion Ratio Lower Upper

82 100

128 44.1 35.1 52.7

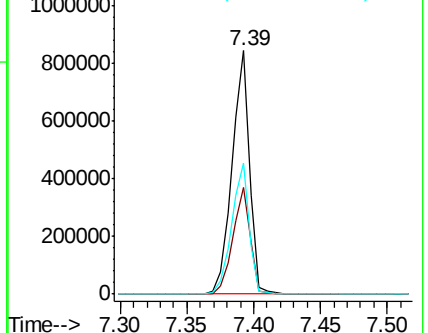
54 53.8 43.0 64.6



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: 24.715 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

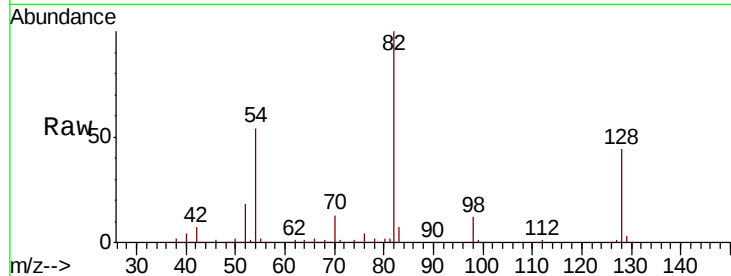
Tot Ion: 82 Resp: 774237

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

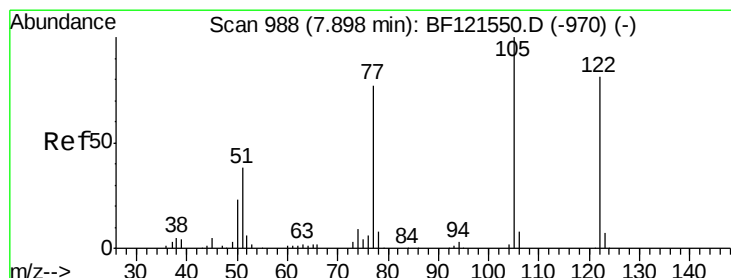
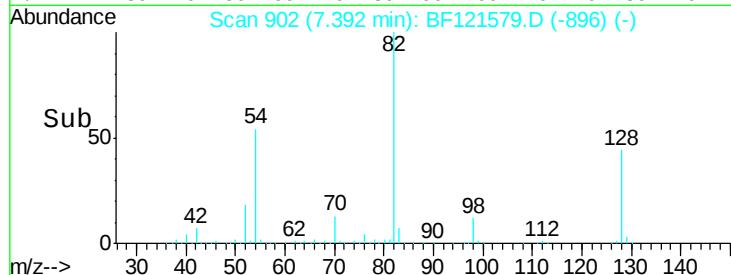
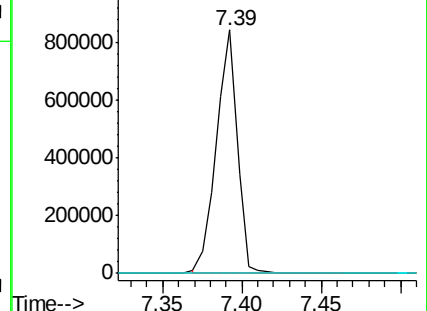
138 0.0 13.7 20.5#



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



#32

Benzoic acid

Concen: 6.944 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.21 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

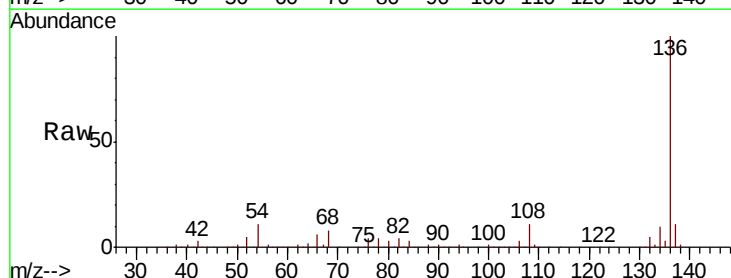
Tgt Ion: 122 Resp: 107

Ion Ratio Lower Upper

122 100

105 186.8 100.5 140.5#

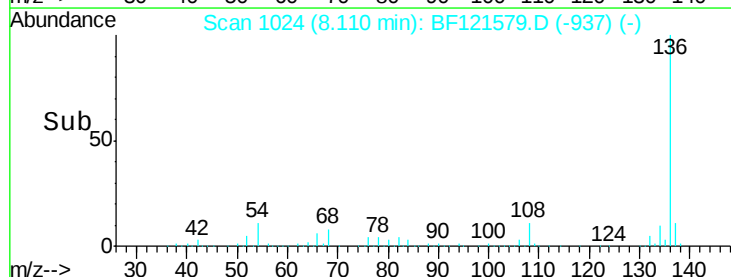
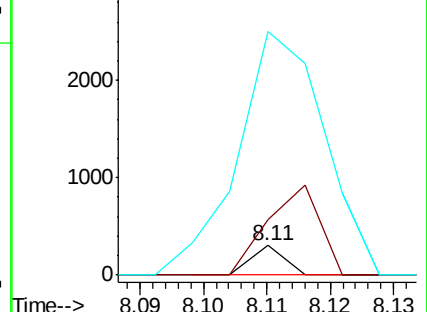
77 827.8 72.6 112.6#

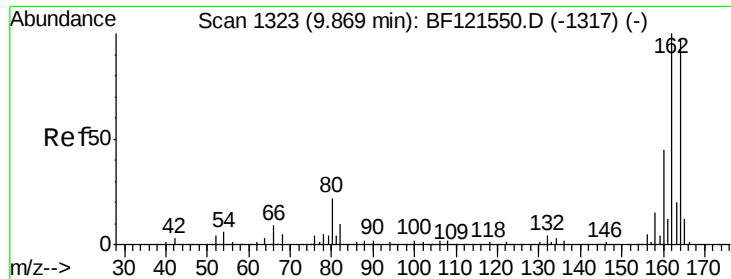


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

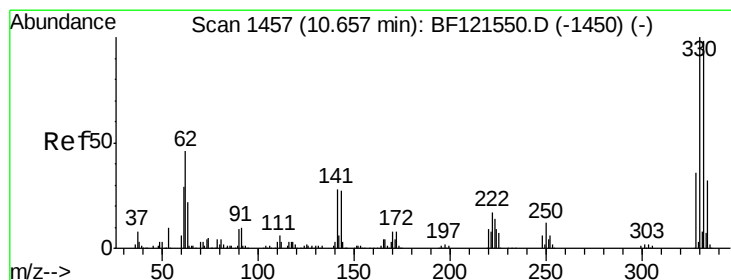
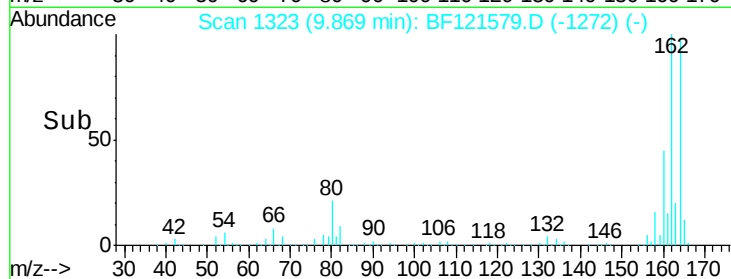
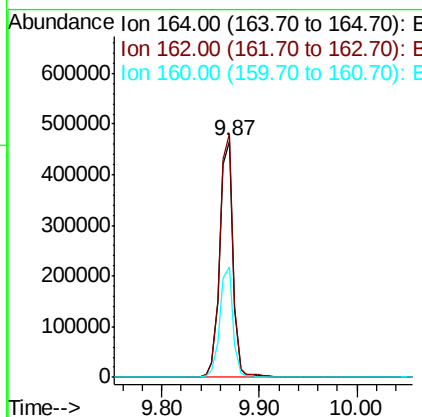
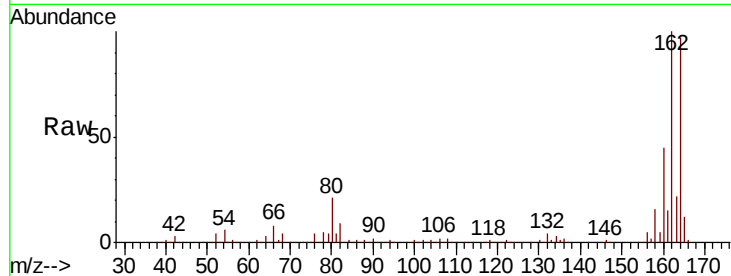




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

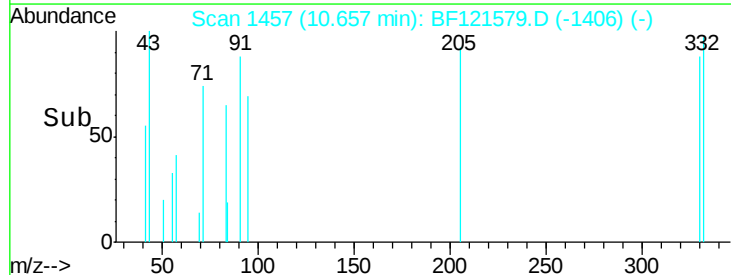
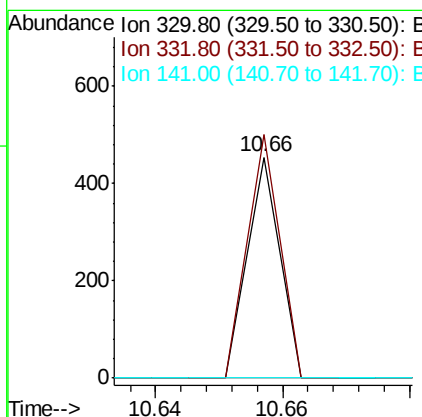
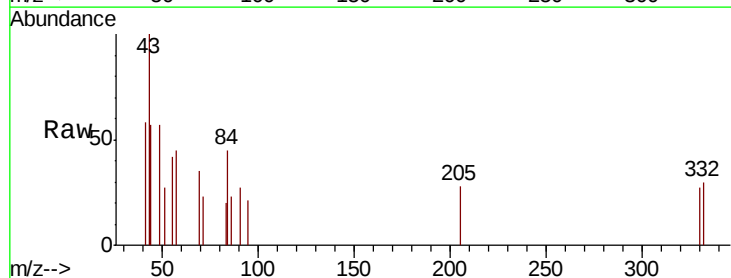
Instrument :
BNA_F
ClientSampleId :
CON-2

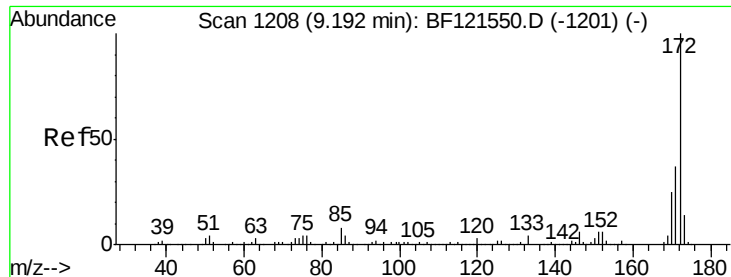
Tot Ion:164 Resp: 439809
Ion Ratio Lower Upper
164 100
162 103.0 82.3 123.5
160 46.7 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 0.029 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion:330 Resp: 160
Ion Ratio Lower Upper
330 100
332 110.6 77.1 115.7
141 0.0 23.6 35.4#

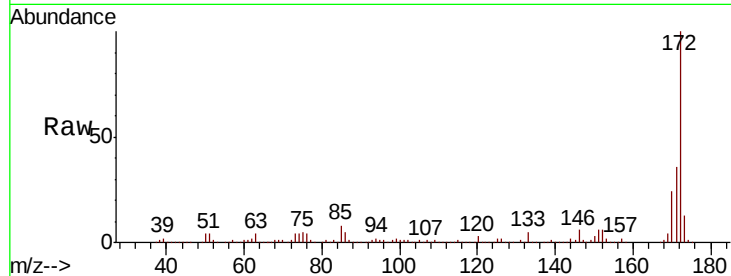




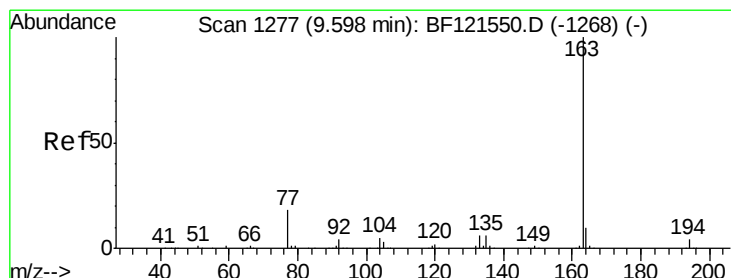
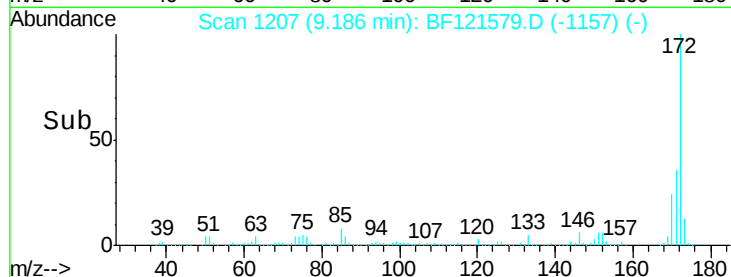
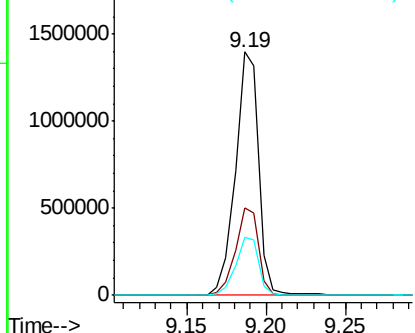
#45
2-Fluorobiphenyl
Concen: 48.827 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Instrument :
BNA_F
ClientSampled :
CON-2

Tot Ion:172 Resp: 1417912
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.1 19.8 29.8

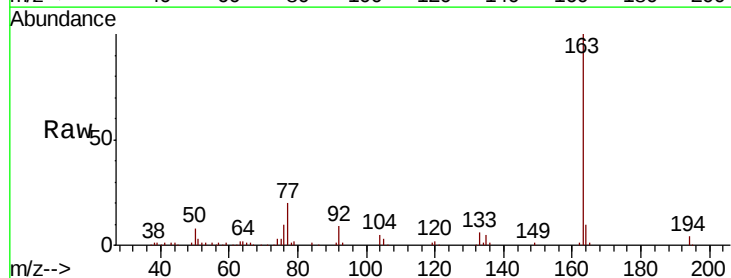


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

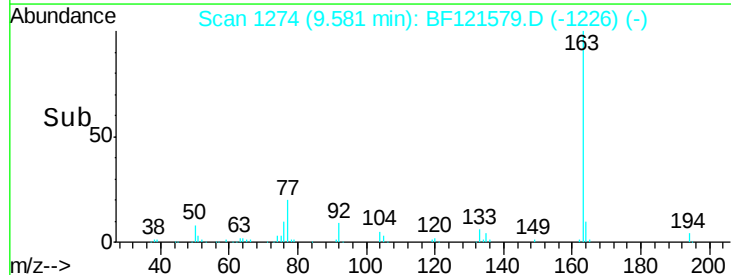
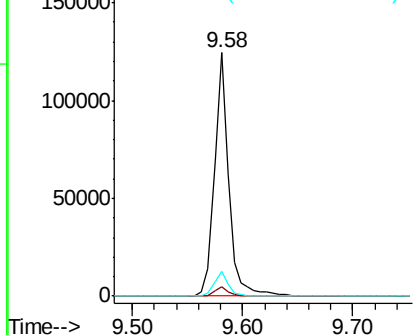


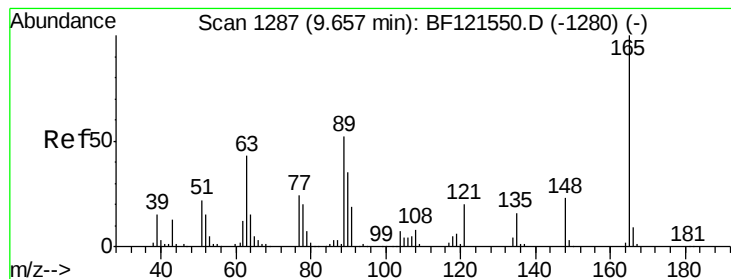
#50
Dimethylphthalate
Concen: 3.477 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion:163 Resp: 110845
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 9.9 7.9 11.9



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





#51

2,6-Dinitrotoluene

Concen: 8.512 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.21 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

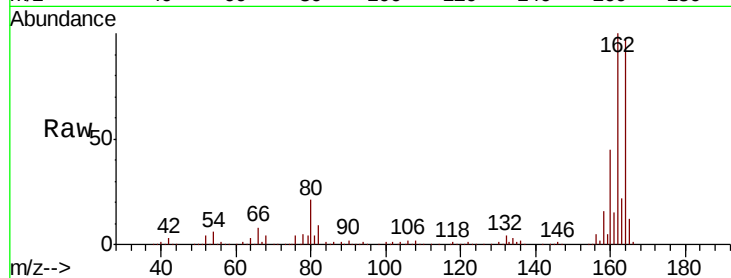
Tot Ion:165 Resp: 57783

Ion Ratio Lower Upper

165 100

63 1.2 40.6 61.0#

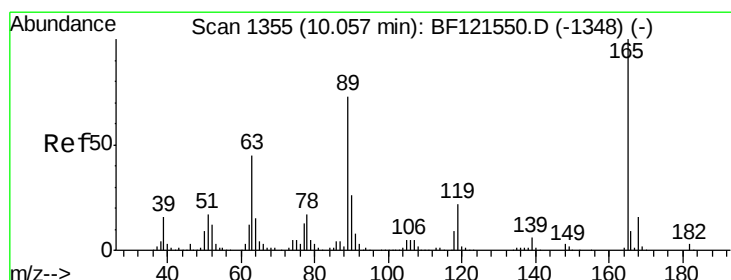
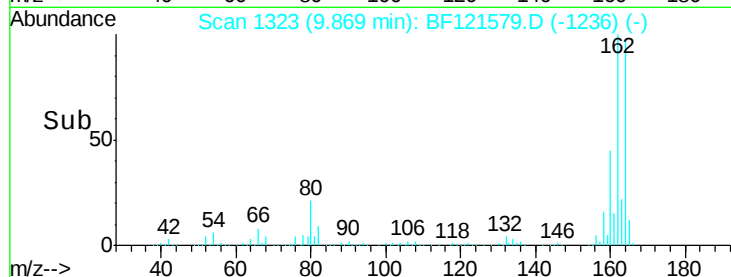
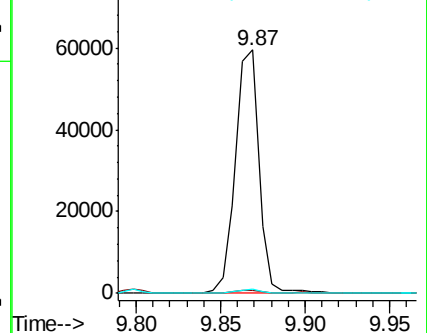
89 1.7 41.8 62.8#



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



#57

2,4-Dinitrotoluene

Concen: 6.766 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.19 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Tgt Ion:165 Resp: 57783

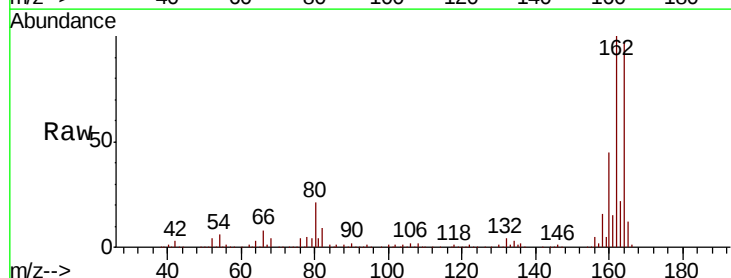
Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

89 1.7 58.2 87.4#

182 0.0 2.2 3.2#

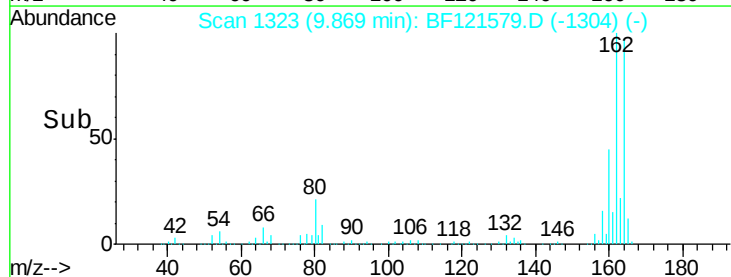
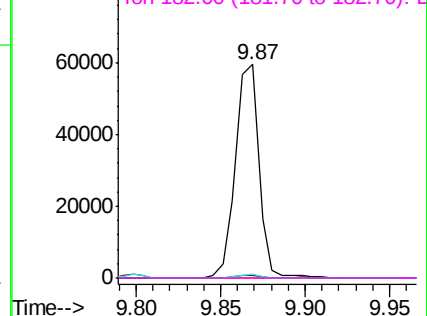


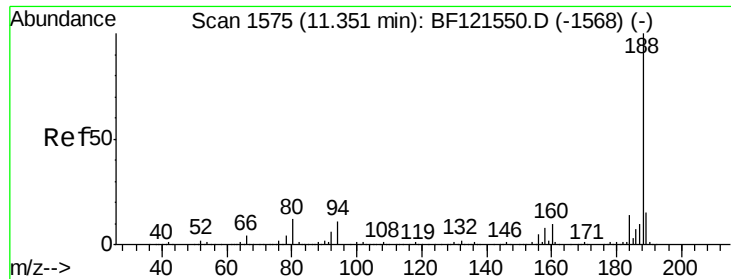
Abundance Ion 165.00 (164.70 to 165.70): E

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

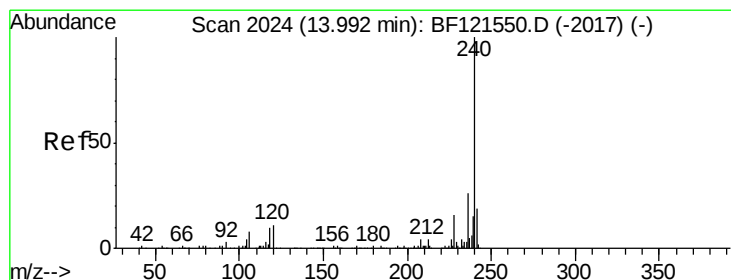
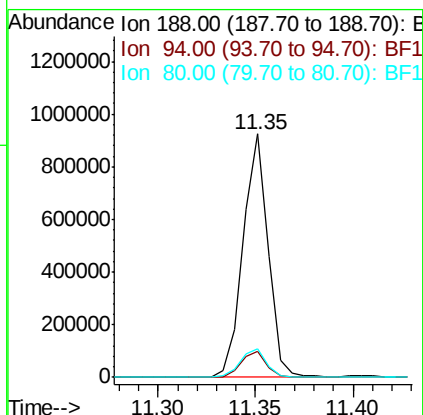
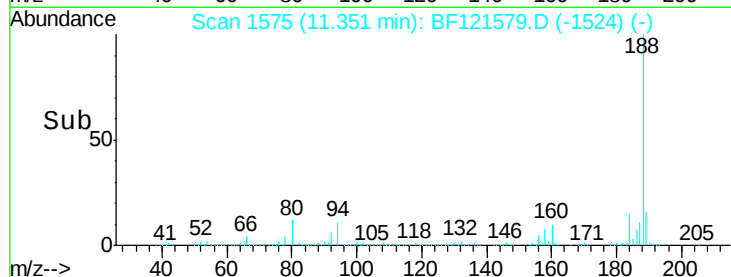
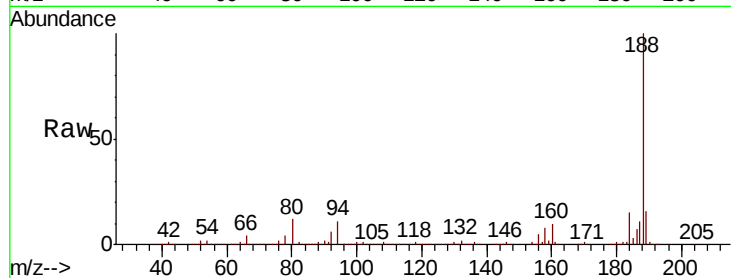




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

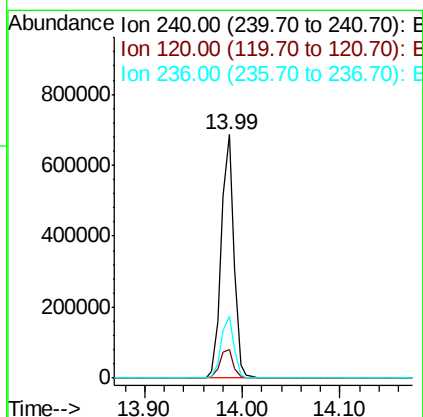
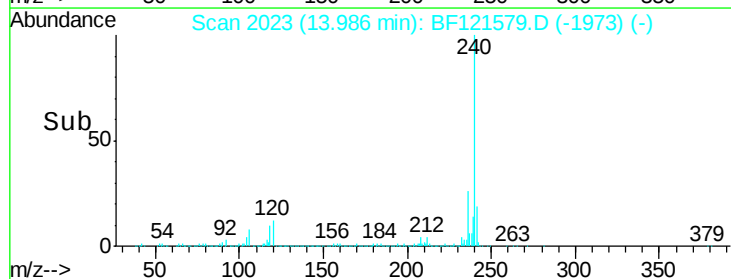
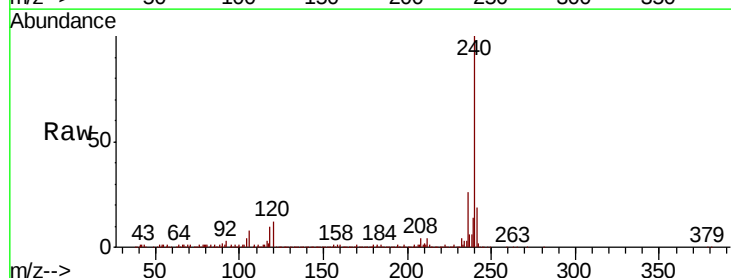
Instrument :
BNA_F
ClientSampleId :
CON-2

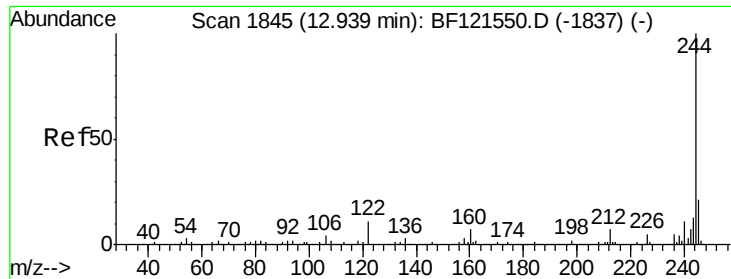
Tot Ion:188 Resp: 823175
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 11.5 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121579.D
Acq: 15 Sep 2020 15:59

Tgt Ion:240 Resp: 618207
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 50.353 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

Instrument :

BNA_F

ClientSampleId :

CON-2

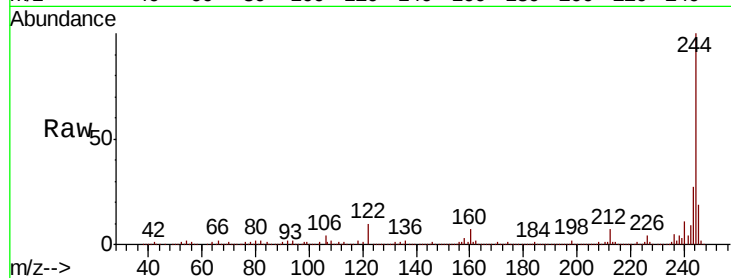
Tot Ion:244 Resp: 1536522

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

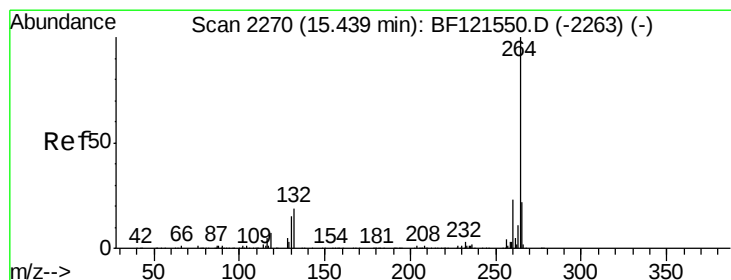
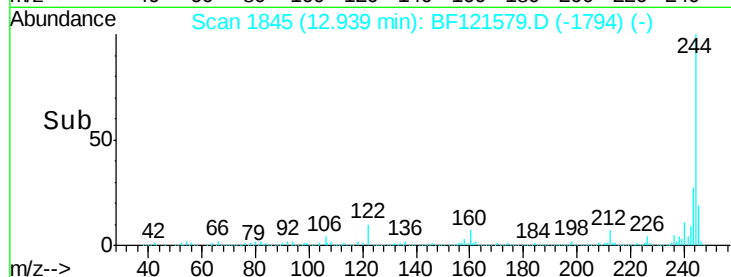
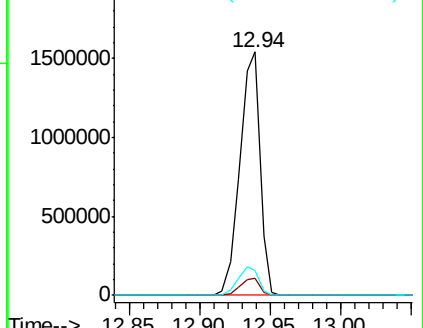
122 10.3 8.7 13.1



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# 2270

Delta R.T. 0.00 min

Lab File: BF121579.D

Acq: 15 Sep 2020 15:59

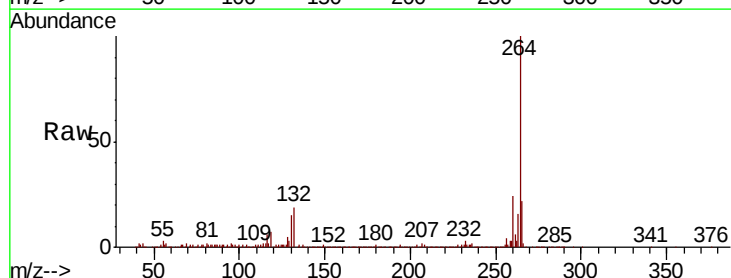
Tgt Ion:264 Resp: 477060

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.5 17.8 26.6



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

