

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121878.D
 Acq On : 7 Oct 2020 17:29
 Operator : JU/CG
 Sample : L4264-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BPC-WASTE-DRUM

Quant Time: Oct 07 17:58:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	121209	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	466133	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	221763	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	354835	20.00	ng	0.00
76) Chrysene-d12	13.93	240	278097	20.00	ng	0.00
86) Perylene-d12	15.37	264	254997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	908452	111.38	ng	0.02
7) Phenol-d6	6.42	99	1052271	98.34	ng	0.00
23) Nitrobenzene-d5	7.33	82	817985	94.22	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	305508	110.84	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1365512	93.26	ng	-0.01
79) Terphenyl-d14	12.87	244	1162031	84.65	ng	0.00

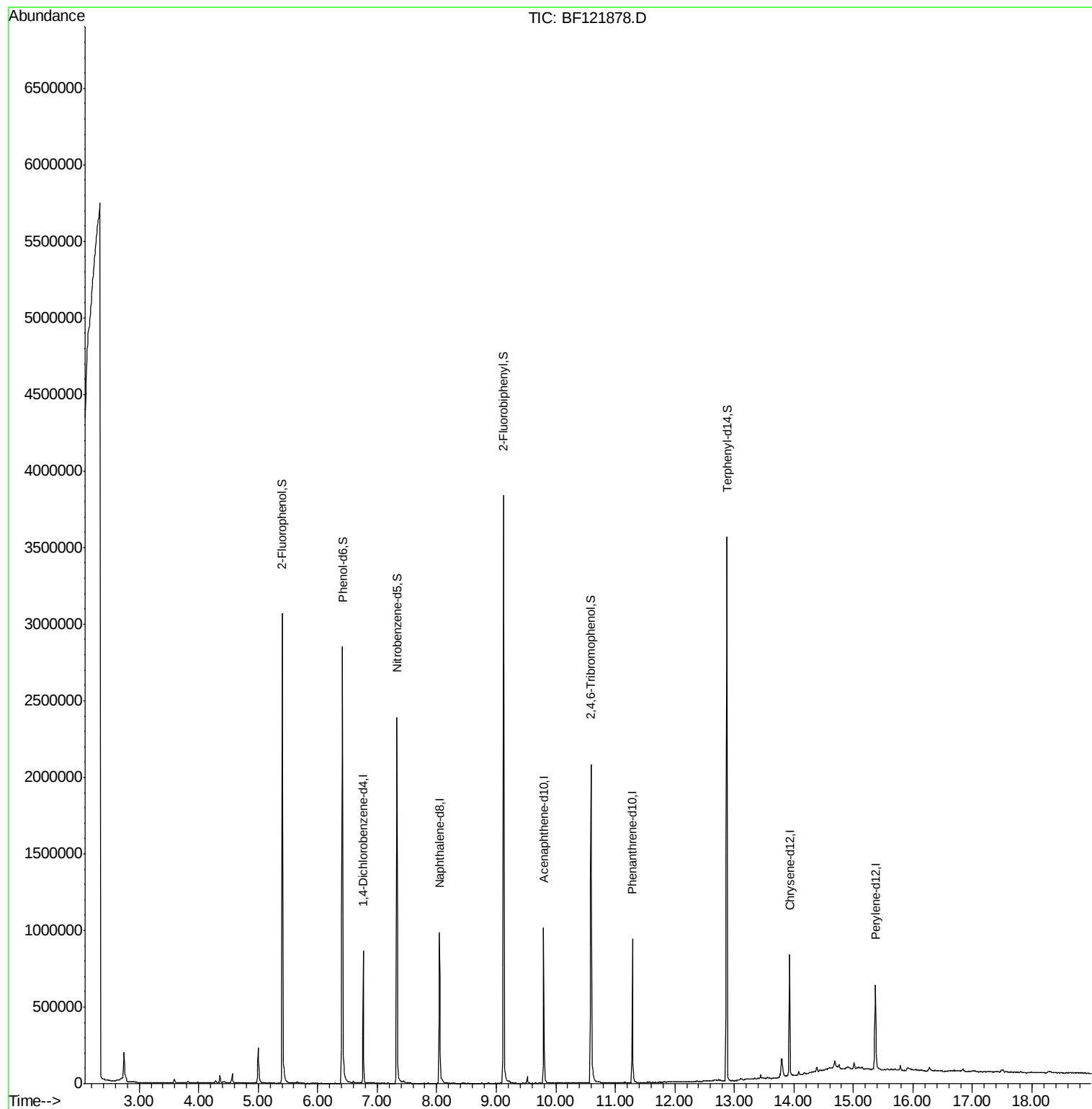
Target Compounds Qvalue

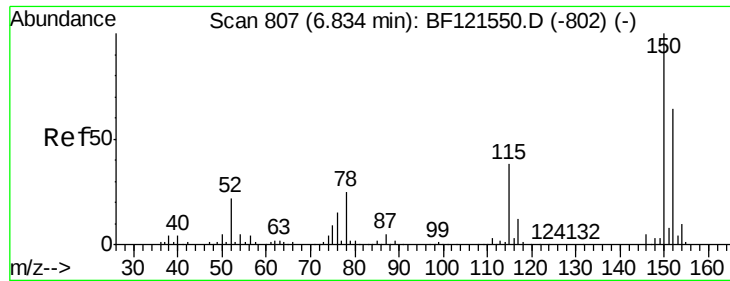
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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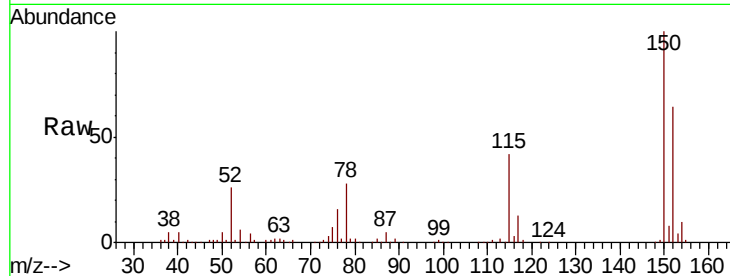


#1

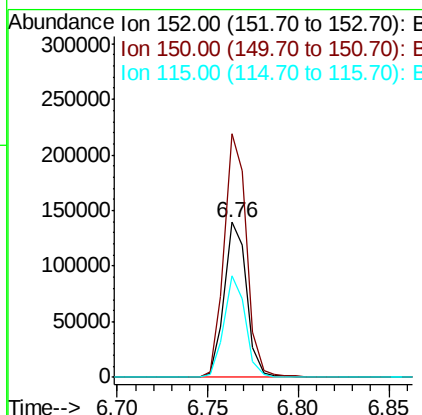
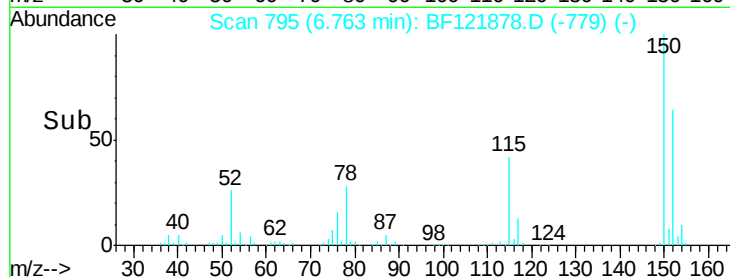
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 BPC-WASTE-DRUM

Tot Ion:152 Resp: 121209
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 65.6 51.9 77.9



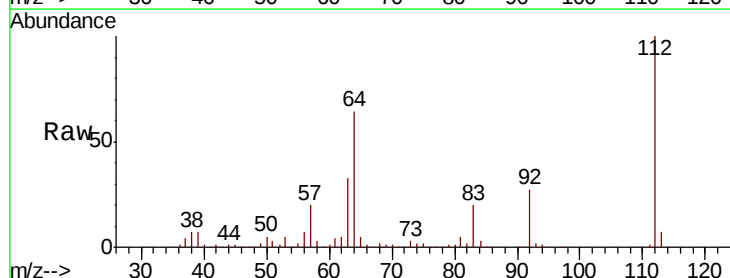
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



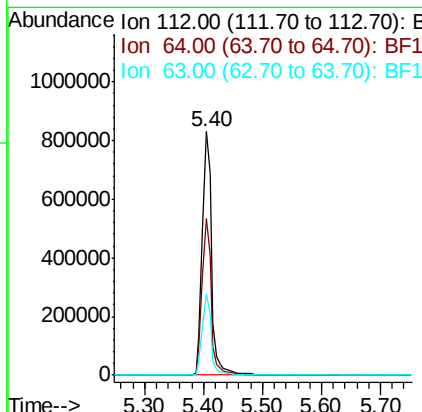
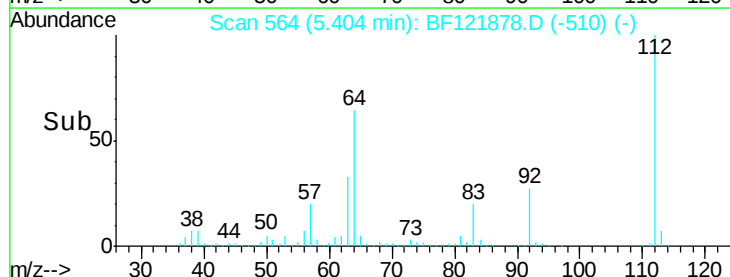
#5

2-Fluorophenol
 Concen: 111.384 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.02 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Tgt Ion:112 Resp: 908452
 Ion Ratio Lower Upper
 112 100
 64 64.3 50.4 75.6
 63 33.5 25.8 38.6



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: 98.341 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Instrument :

BNA_F

ClientSampleId :

BPC-WASTE-DRUM

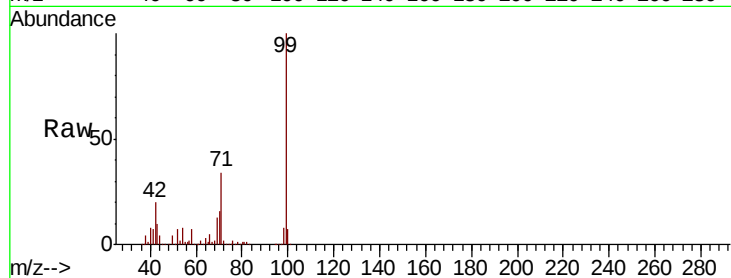
Tot Ion: 99 Resp: 1052271

Ion Ratio Lower Upper

99 100

42 20.0 15.9 23.9

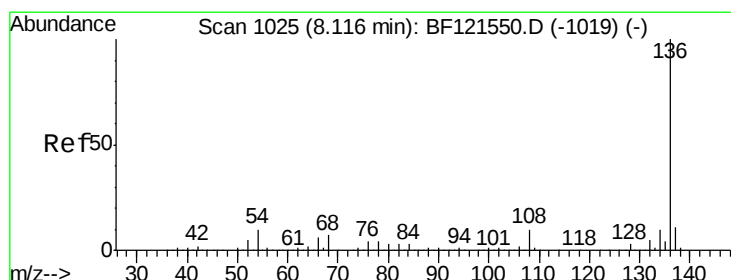
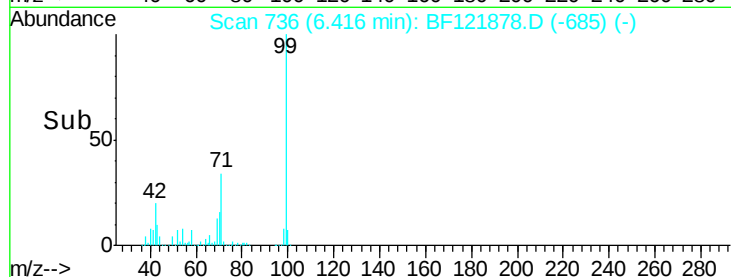
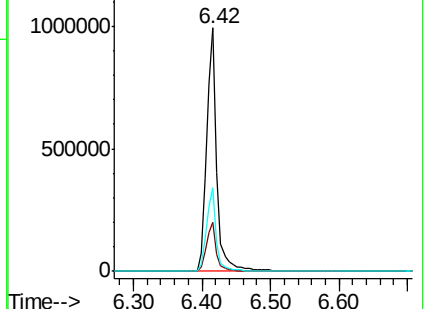
71 34.4 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Tgt Ion: 136 Resp: 466133

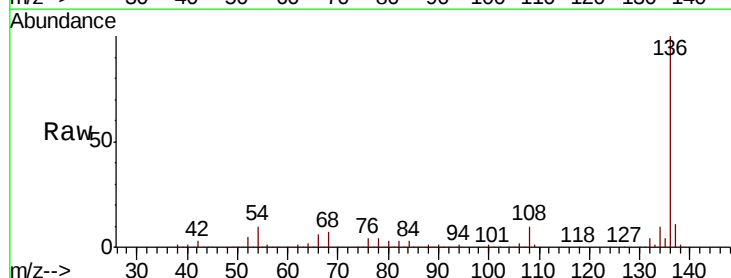
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.7 7.1 10.7

68 6.9 5.0 7.4

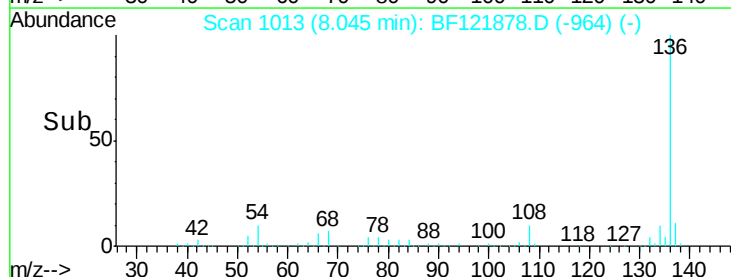
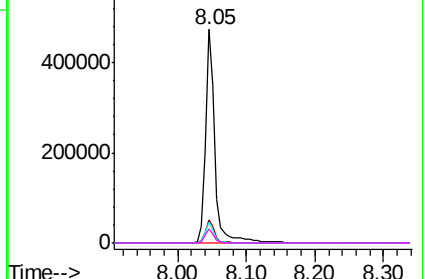


Abundance Ion 136.00 (135.70 to 136.70): E

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

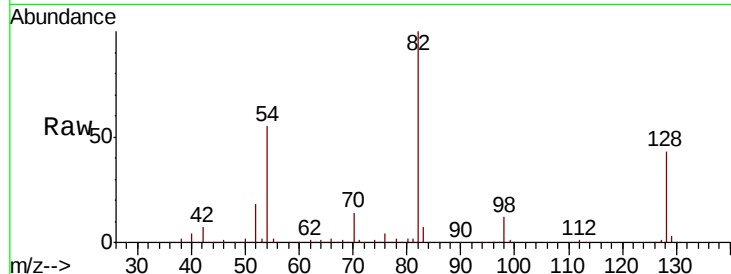




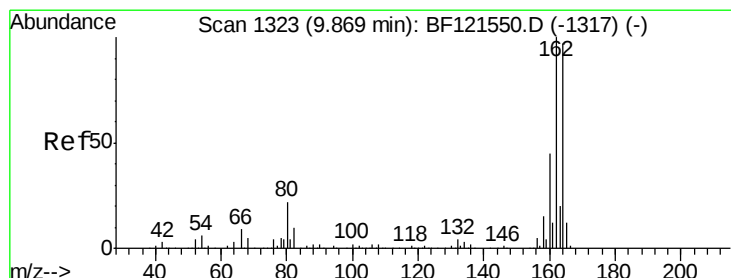
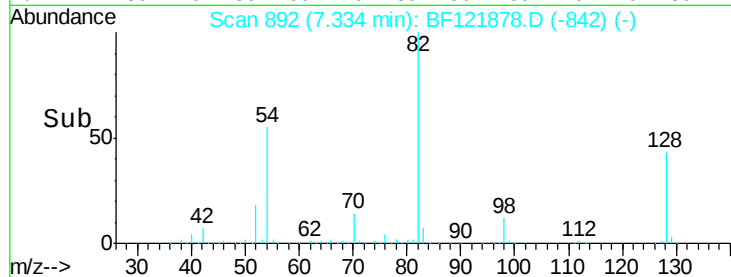
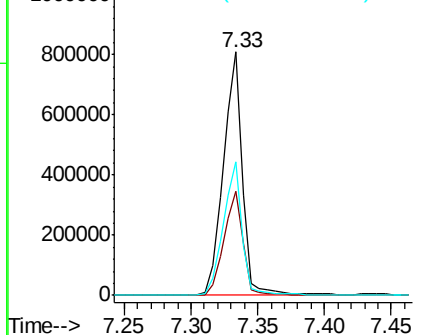
#23
Nitrobenzene-d5
Concen: 94.220 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

Instrument :
BNA_F
ClientSampleId :
BPC-WASTE-DRUM

Tot Ion	82	Resp	817985
Ion Ratio	Lower	Upper	
82	100		
128	42.9	35.0	52.4
54	54.7	43.9	65.9

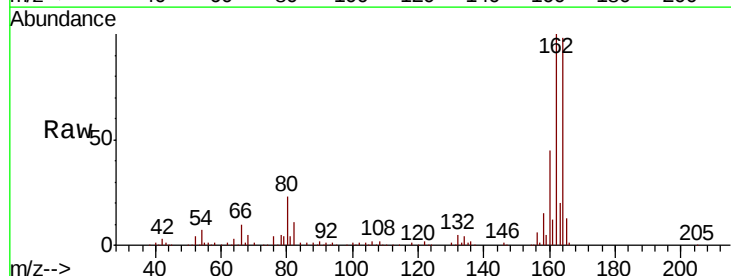


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

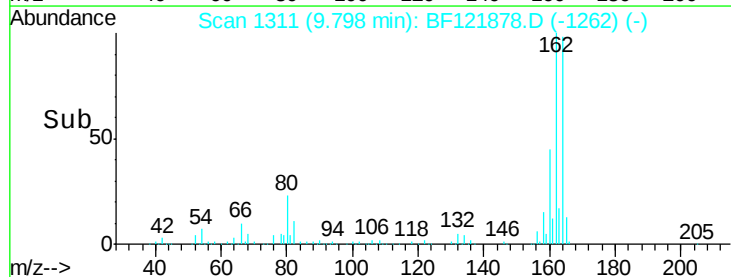
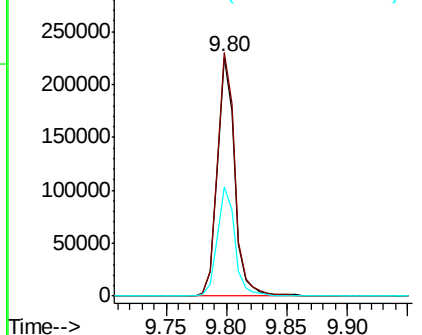


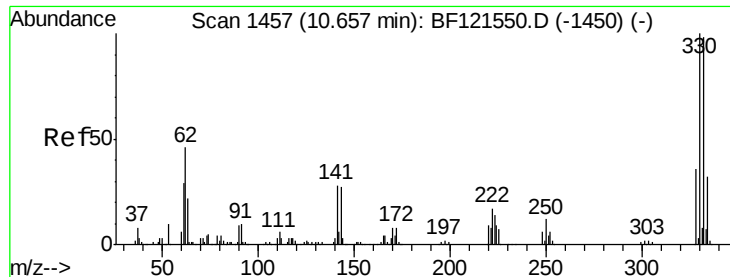
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121878.D
Acq: 7 Oct 2020 17:29

Tgt Ion	164	Resp	221763
Ion Ratio	Lower	Upper	
164	100		
162	101.9	83.2	124.8
160	45.8	37.5	56.3



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

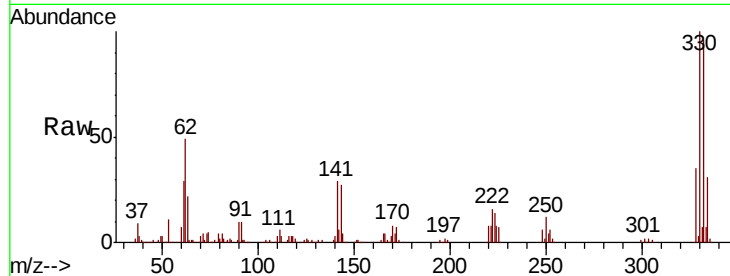




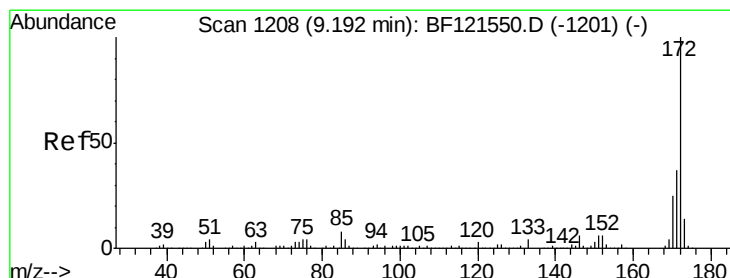
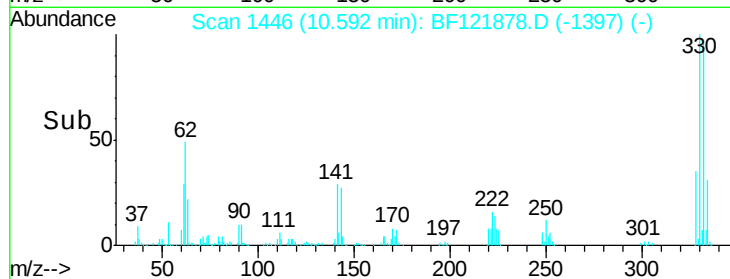
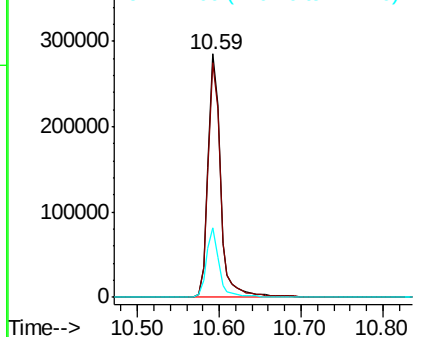
#42
 2,4,6-Tribromophenol
 Concen: 110.843 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Instrument :
 BNA_F
 ClientSampleId :
 BPC-WASTE-DRUM

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	29.0	22.3	33.5

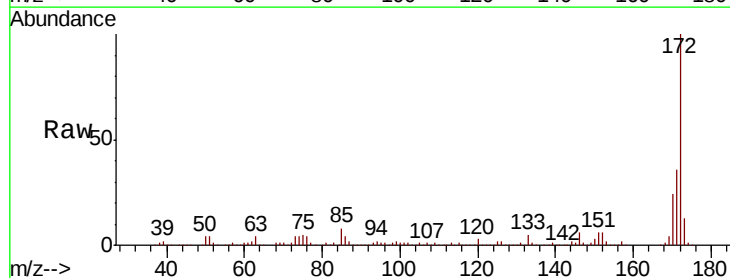


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

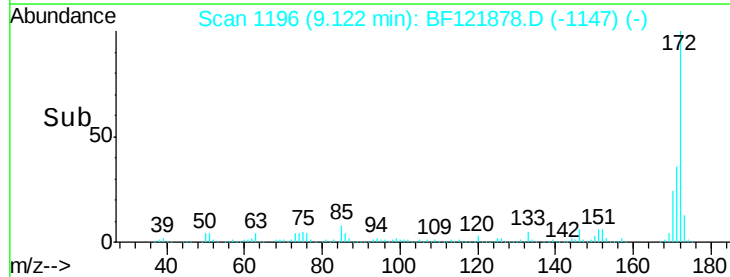
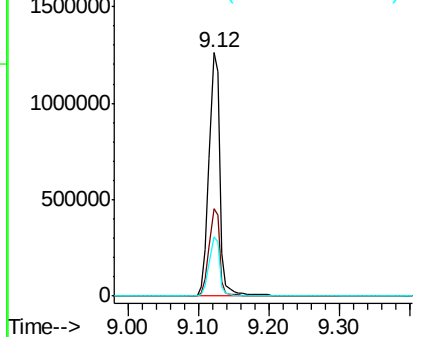


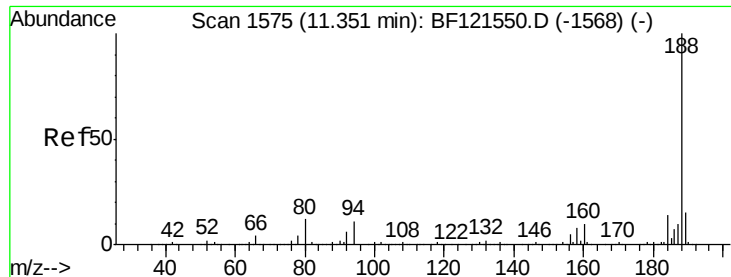
#45
 2-Fluorobiphenyl
 Concen: 93.258 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121878.D
 Acq: 7 Oct 2020 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	24.4	19.8	29.6



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Instrument :

BNA_F

ClientSampleId :

BPC-WASTE-DRUM

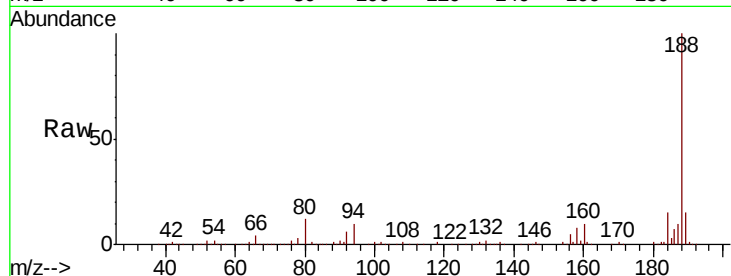
Tot Ion:188 Resp: 354835

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

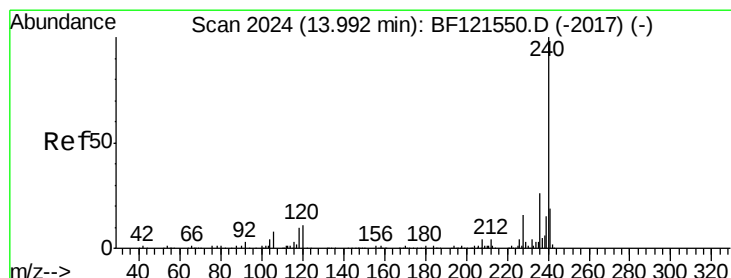
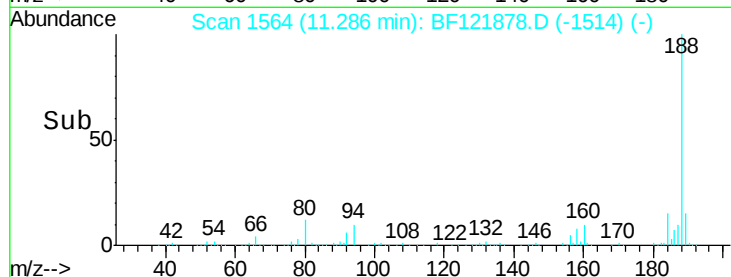
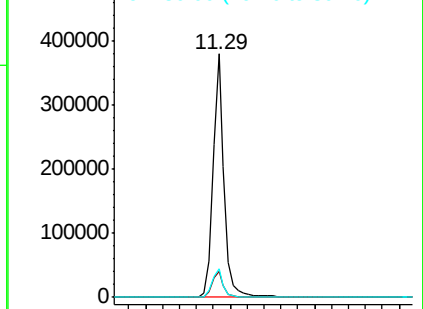
80 11.5 9.1 13.7



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: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

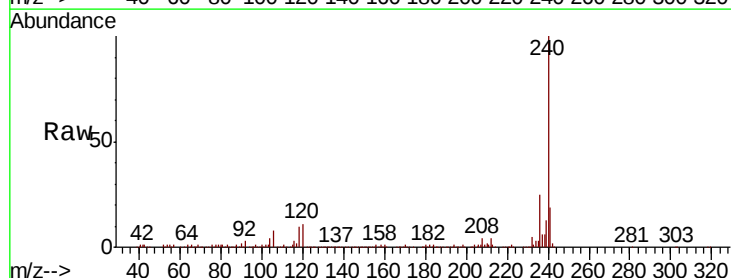
Tgt Ion:240 Resp: 278097

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

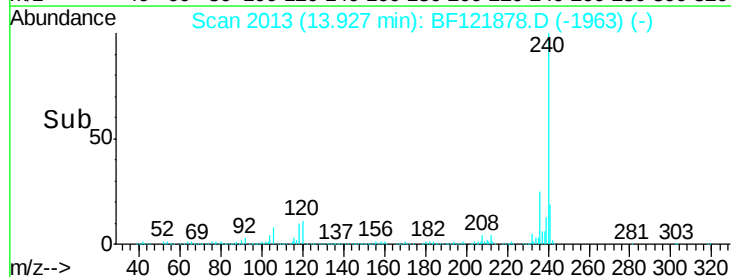
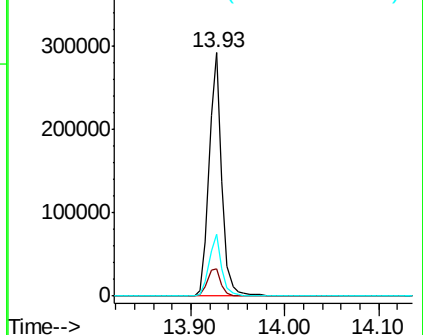
236 25.3 20.9 31.3



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: 84.653 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

Instrument :

BNA_F

ClientSampleId :

BPC-WASTE-DRUM

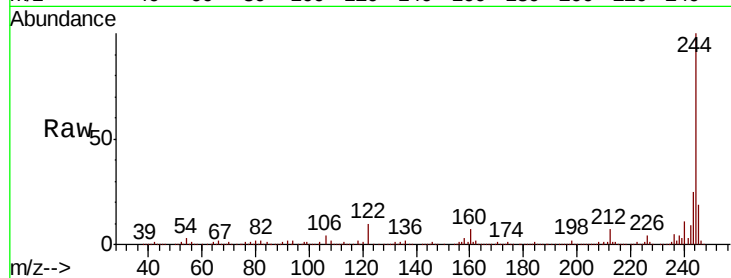
Tot Ion:244 Resp: 1162031

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.3 8.1 12.1



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

12.87

1500000

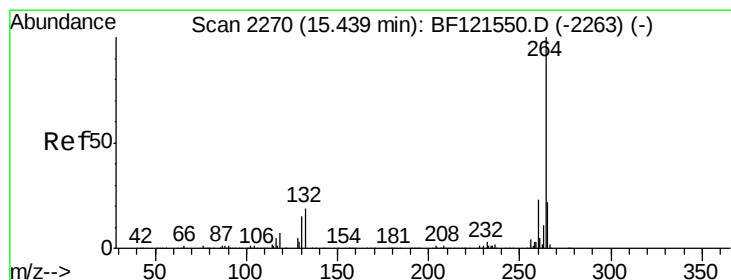
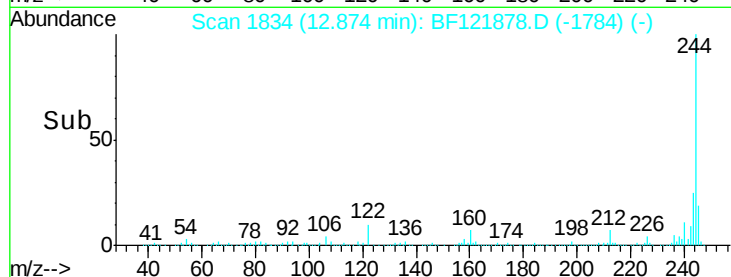
1000000

500000

0

Time-->

12.80 12.90 13.00



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF121878.D

Acq: 7 Oct 2020 17:29

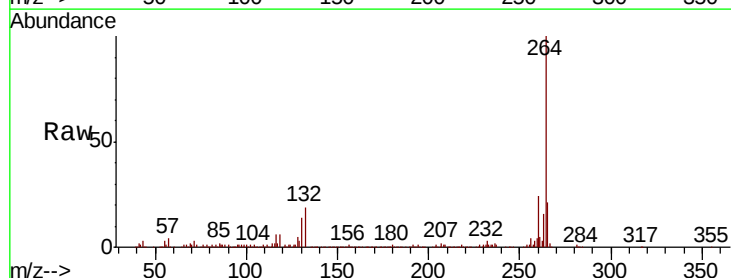
Tgt Ion:264 Resp: 254997

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.0 17.3 25.9



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

15.37

250000

200000

150000

100000

50000

0

Time-->

15.30 15.40 15.50

