

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120953.D
 Acq On : 21 Jul 2020 14:41
 Operator : JU/CG
 Sample : PB130359BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Quant Time: Jul 21 15:37:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	168511	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	623867	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	326143	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	649879	20.00	ng	0.00
76) Chrysene-d12	13.97	240	550153	20.00	ng	0.00
86) Perylene-d12	15.42	264	492366	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	826967	80.45	ng	0.01
7) Phenol-d6	6.44	99	984873	74.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	896679	83.17	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	302239	84.66	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1681304	76.97	ng	0.00
79) Terphenyl-d14	12.92	244	1897279	74.97	ng	0.00

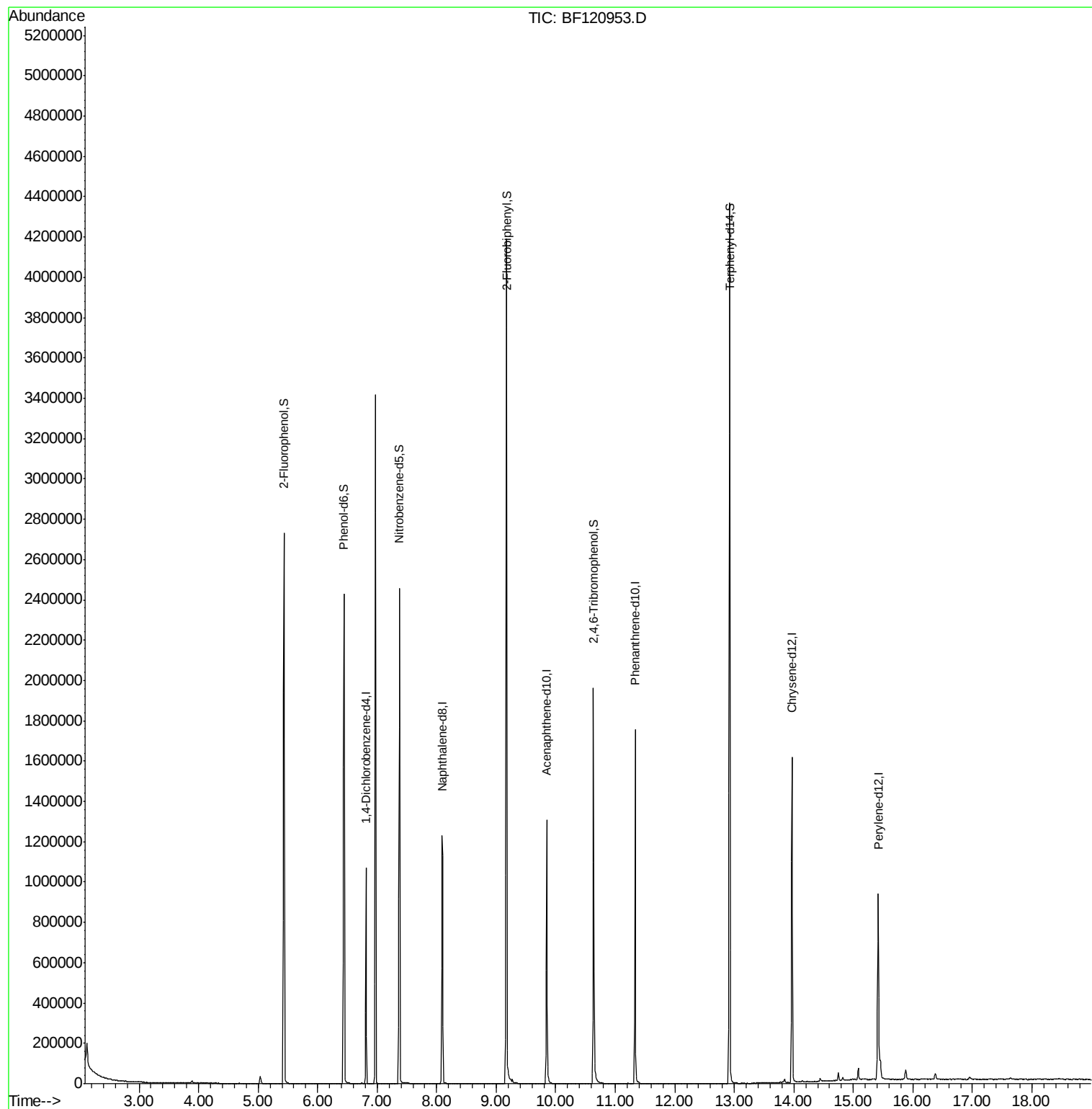
Target Compounds Qvalue

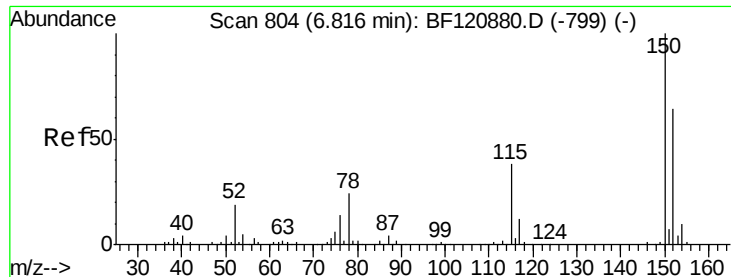
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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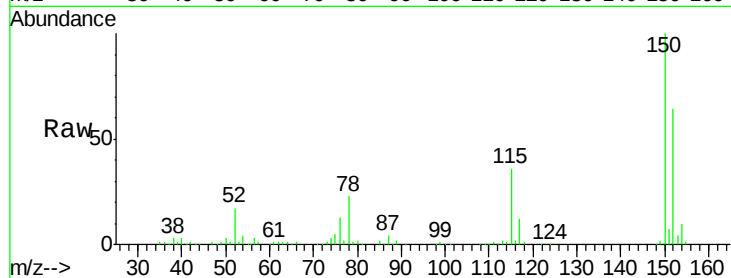


#1

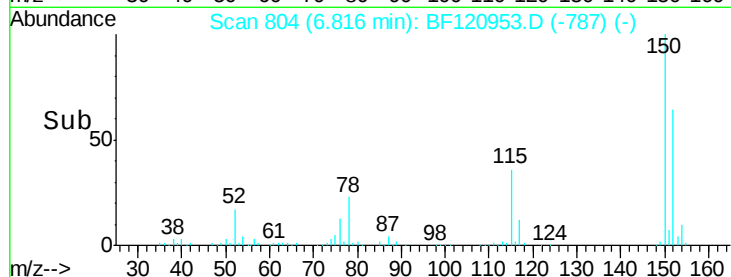
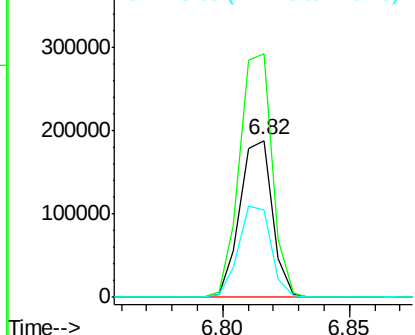
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120953.D
Acq: 21 Jul 2020 14:41

Instrument :
BNA_F
ClientSampleId :
PB130359BL

Tot Ion:152 Resp: 168511
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.6
115 55.6 47.0 70.4



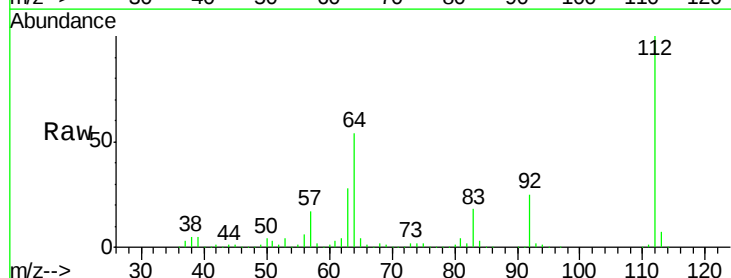
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



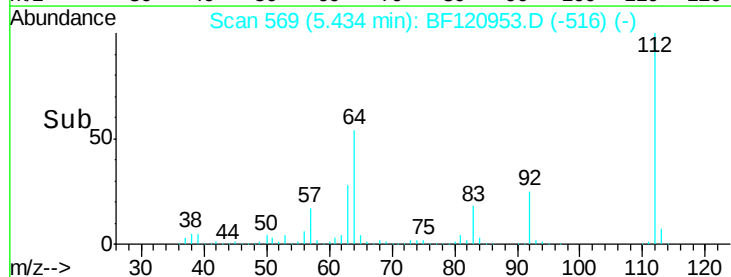
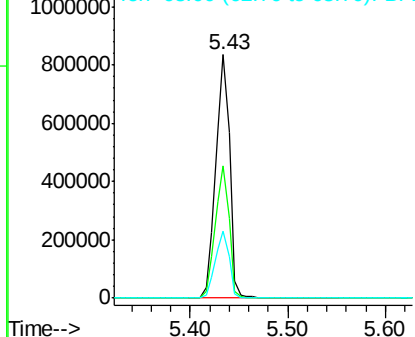
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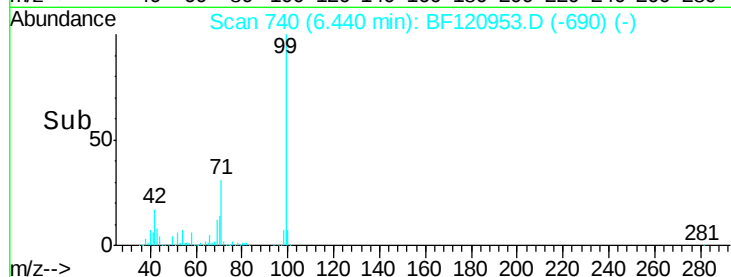
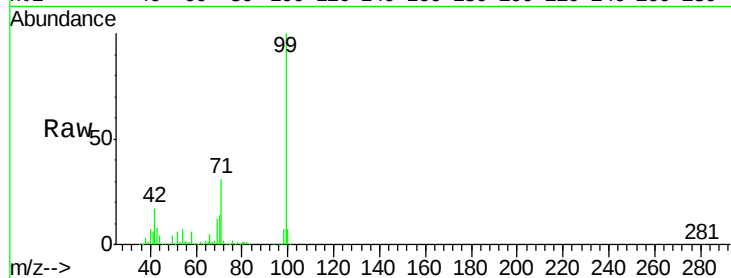
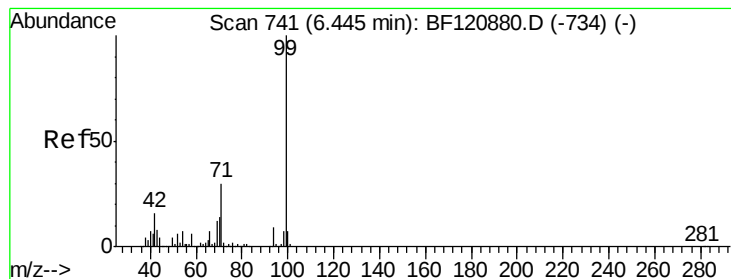
2-Fluorophenol
Concen: 80.451 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120953.D
Acq: 21 Jul 2020 14:41

Tgt Ion:112 Resp: 826967
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 27.7 21.1 31.7



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: 74.173 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

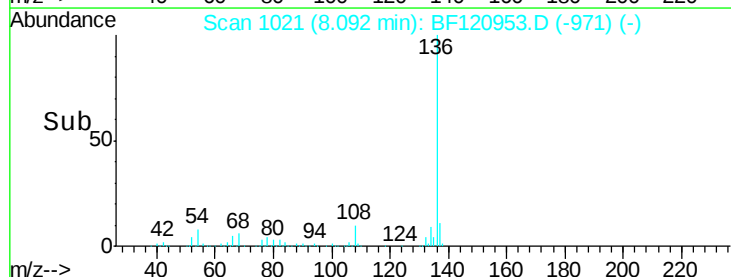
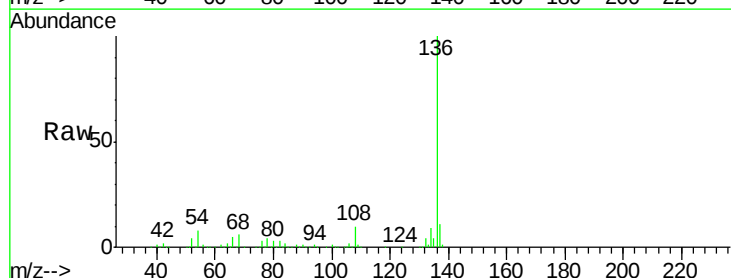
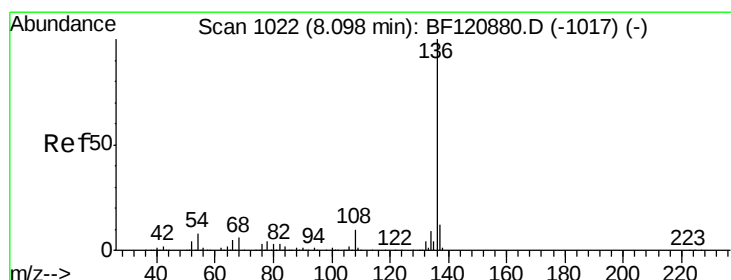
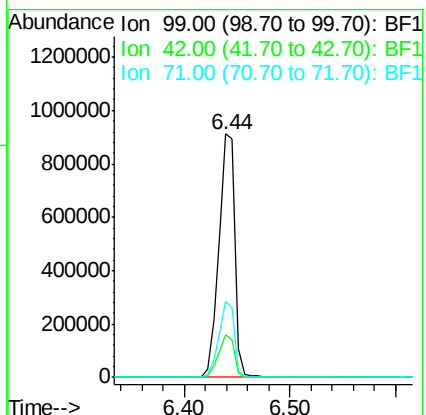
Tot Ion: 99 Resp: 984873

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 31.3 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Tgt Ion: 136 Resp: 623867

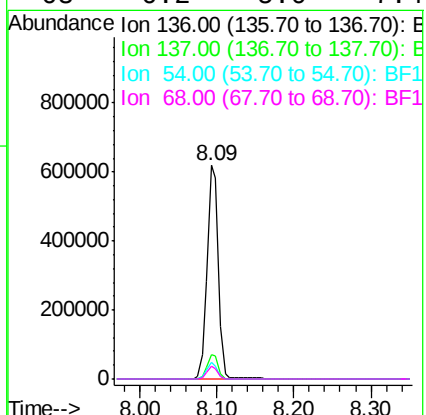
Ion Ratio Lower Upper

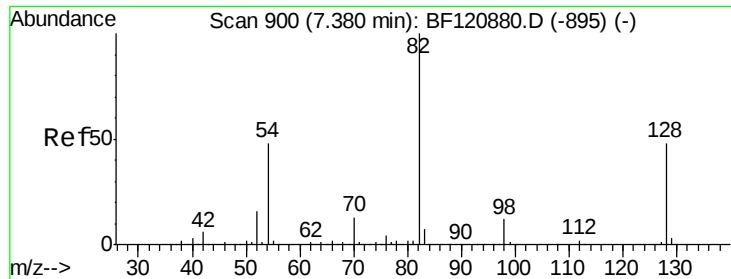
136 100

137 11.3 9.3 13.9

54 7.5 6.3 9.5

68 6.2 5.0 7.4

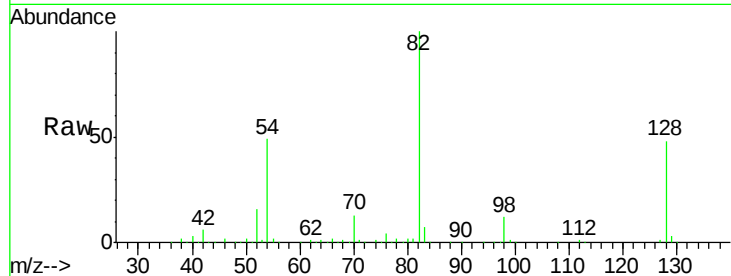




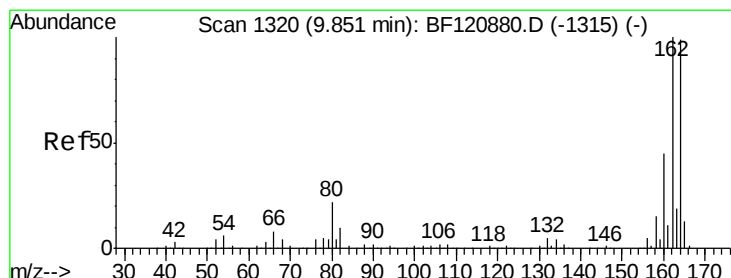
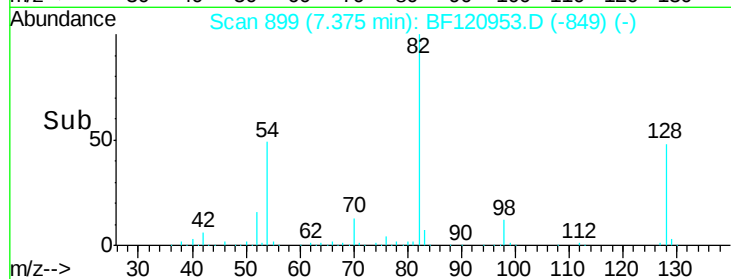
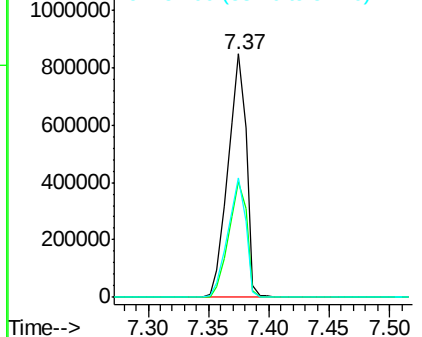
#23
 Nitrobenzene-d5
 Concen: 83.166 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

Tot Ion: 82 Resp: 896679
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.2 57.4
 54 49.1 38.7 58.1

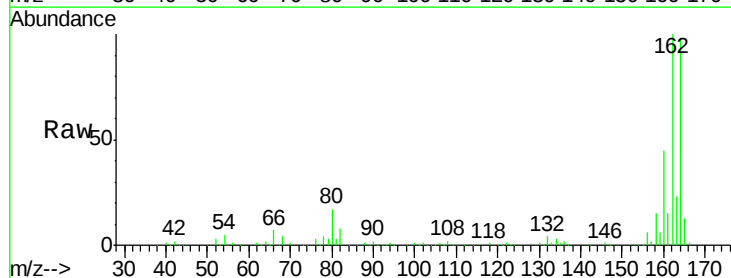


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

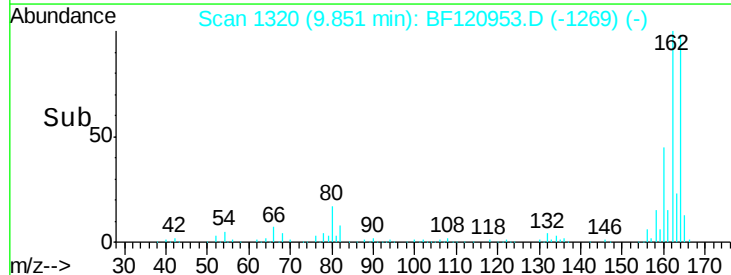
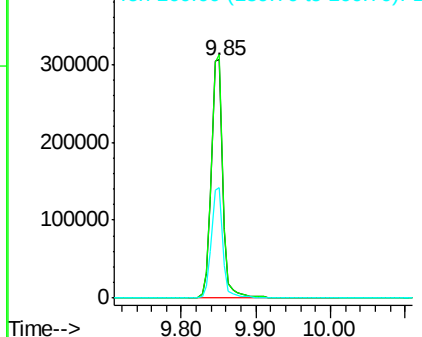


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Tgt Ion:164 Resp: 326143
 Ion Ratio Lower Upper
 164 100
 162 102.3 81.2 121.8
 160 46.2 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

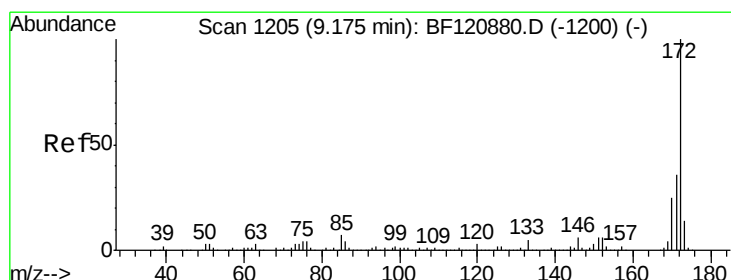
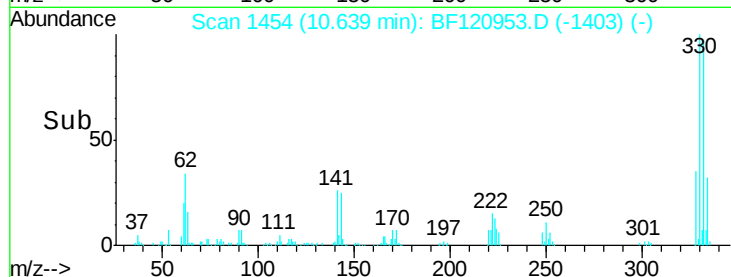
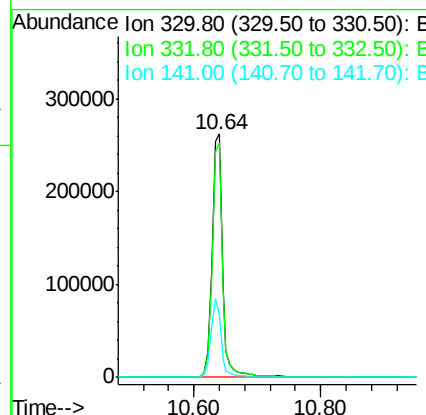
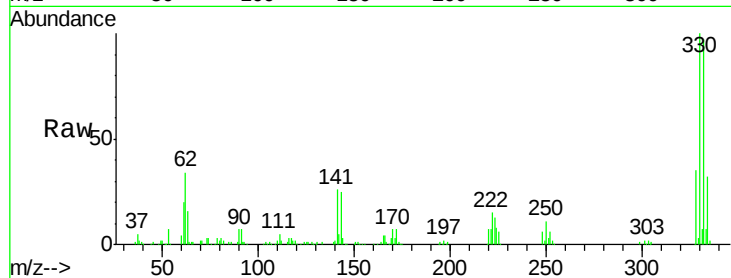




#42
 2,4,6-Tribromophenol
 Concen: 84.662 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

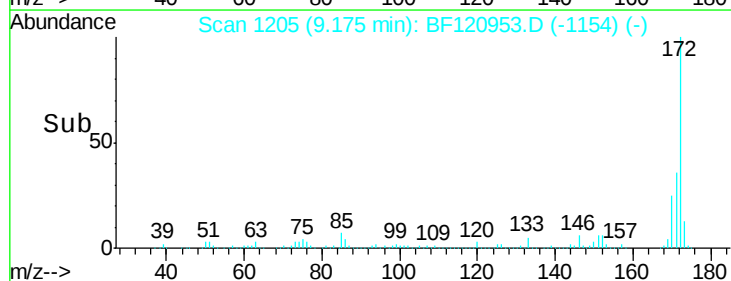
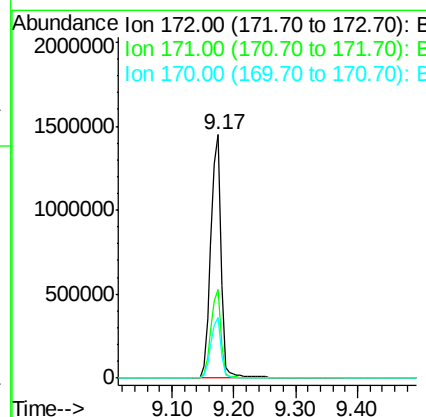
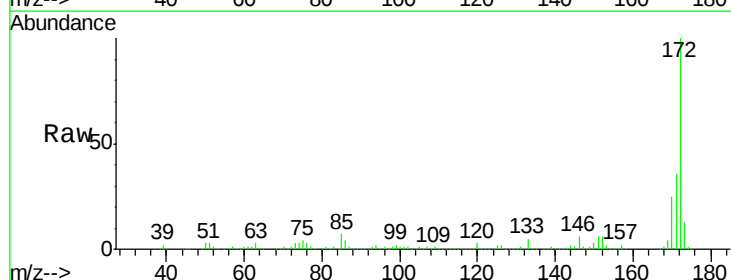
Instrument :
 BNA_F
 ClientSampleId :
 PB130359BL

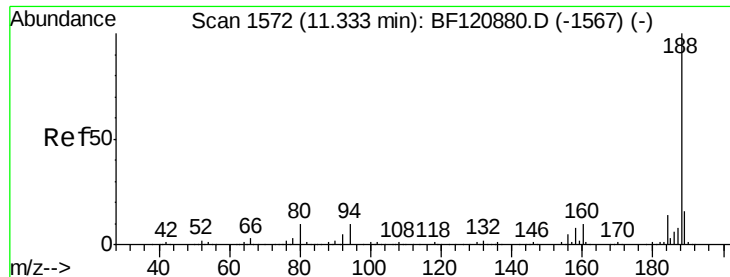
Tot Ion:330 Resp: 302239
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.5 113.3
 141 31.7 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 76.968 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120953.D
 Acq: 21 Jul 2020 14:41

Tgt Ion:172 Resp: 1681304
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.4
 170 24.8 19.6 29.4

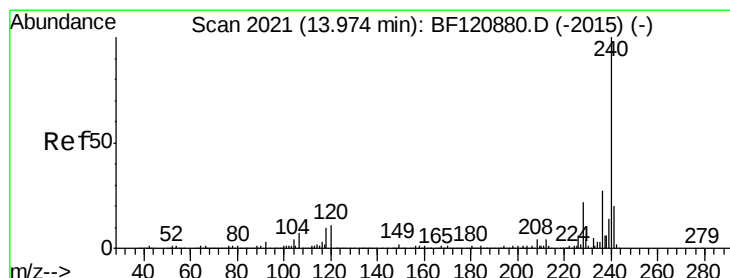
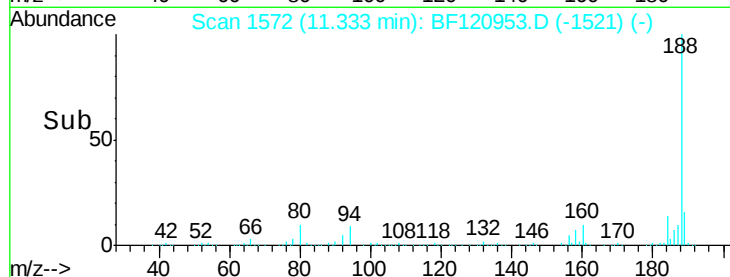
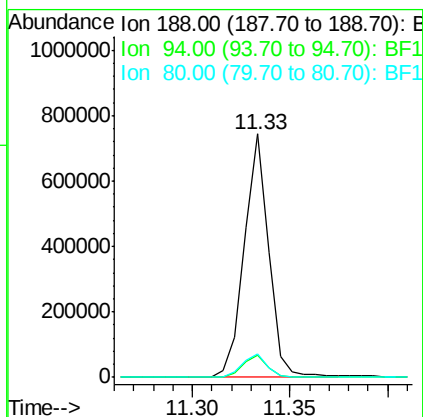
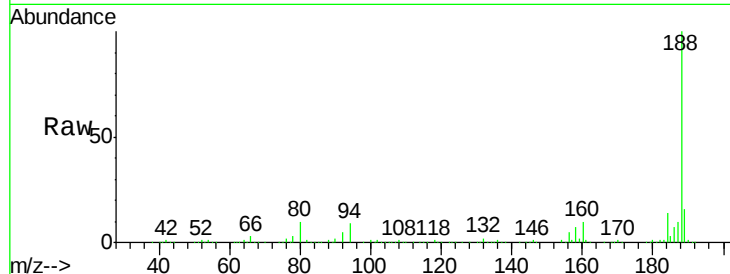




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120953.D
Acq: 21 Jul 2020 14:41

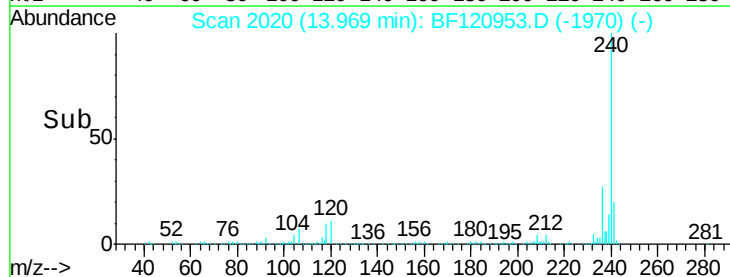
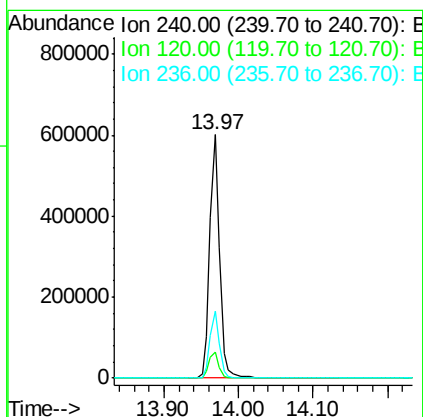
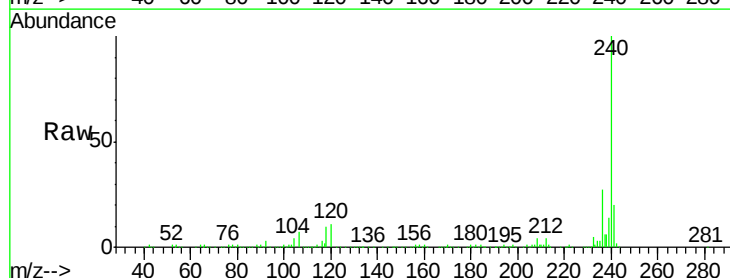
Instrument :
BNA_F
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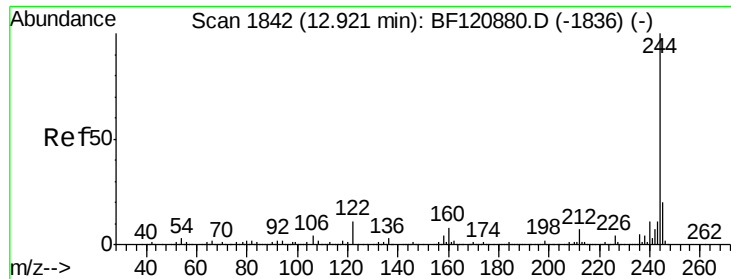
Tot Ion:188 Resp: 649879
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120953.D
Acq: 21 Jul 2020 14:41

Tgt Ion:240 Resp: 550153
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 27.3 21.7 32.5





#79

Terphenyl-d14

Concen: 74.966 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

Instrument :

BNA_F

ClientSampleId :

PB130359BL

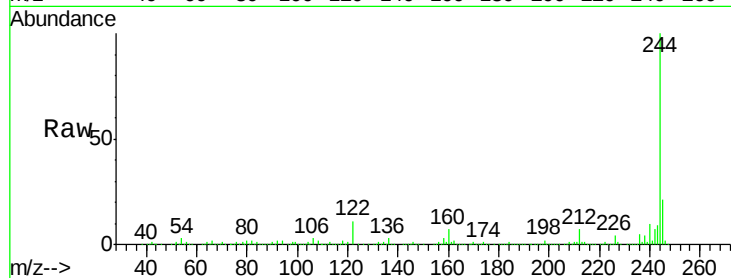
Tot Ion:244 Resp: 1897279

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

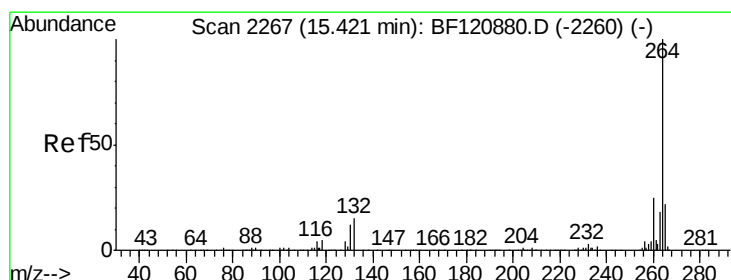
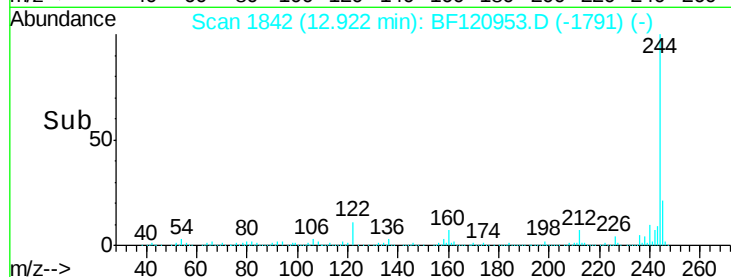
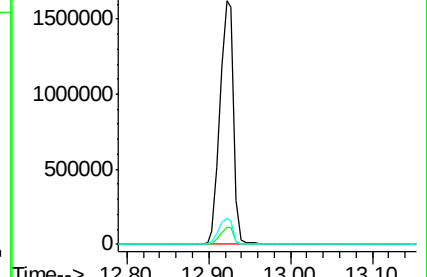
122 10.8 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120953.D

Acq: 21 Jul 2020 14:41

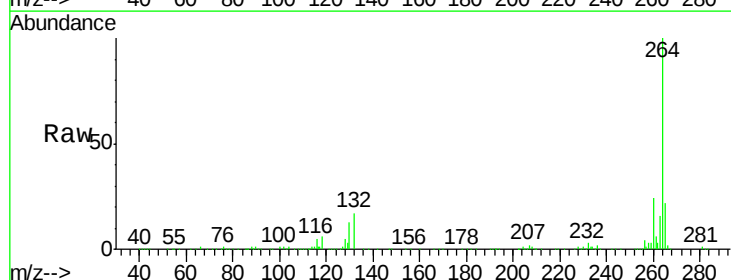
Tgt Ion:264 Resp: 492366

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.5 17.4 26.2



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

