

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120914.D
 Acq On : 17 Jul 2020 10:51
 Operator : JU/CG
 Sample : PB130249TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130249TB

Quant Time: Jul 17 11:20:39 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	173101	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	656738	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	333957	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	627099	20.00	ng	0.00
76) Chrysene-d12	13.97	240	503593	20.00	ng	0.00
86) Perylene-d12	15.42	264	463318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1129017	106.92	ng	0.01
7) Phenol-d6	6.45	99	1330244	97.53	ng	0.00
23) Nitrobenzene-d5	7.37	82	839413	73.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	376143	102.90	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1531990	68.49	ng	0.00
79) Terphenyl-d14	12.92	244	1507695	65.08	ng	0.00

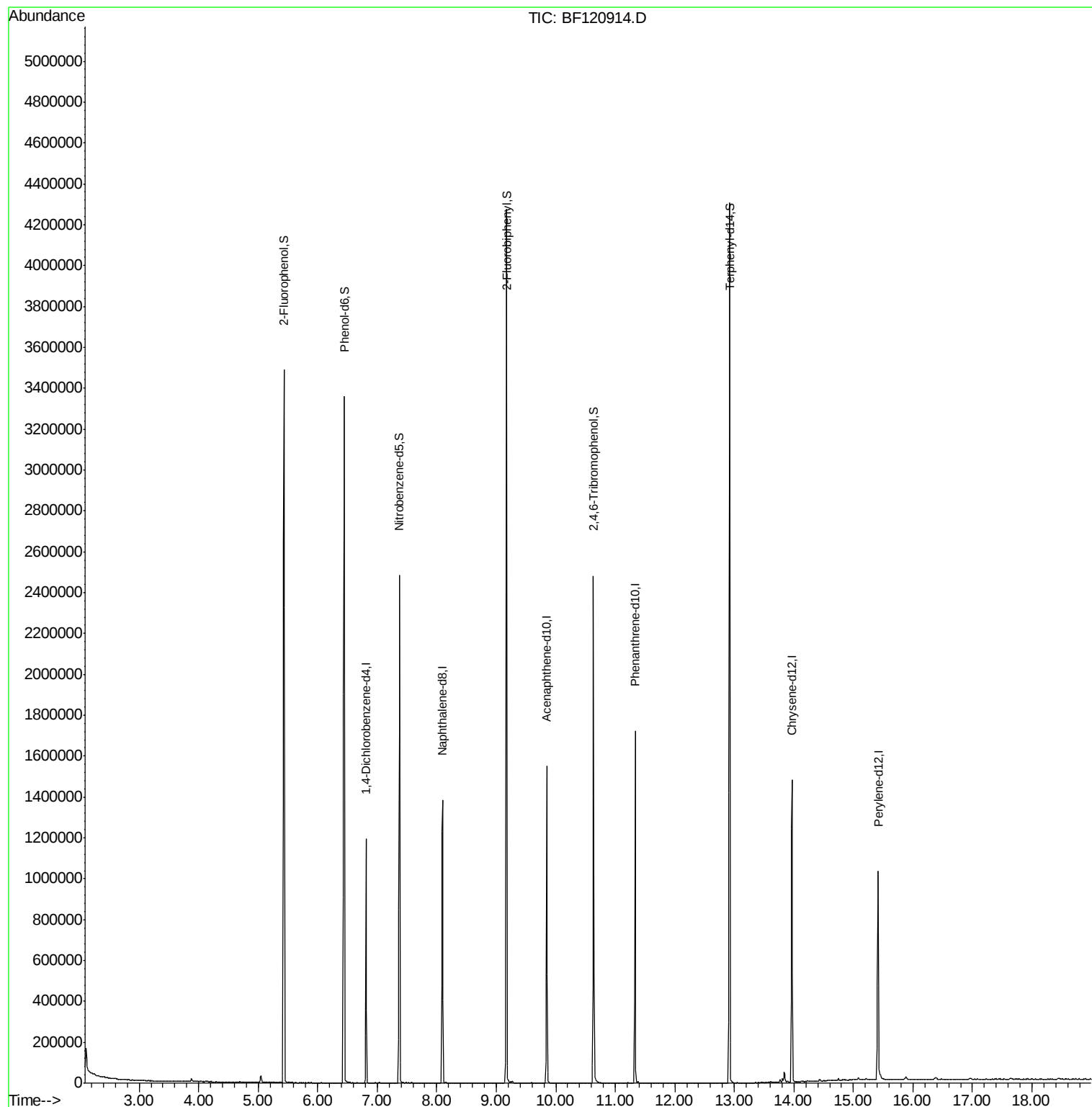
Target Compounds Qvalue

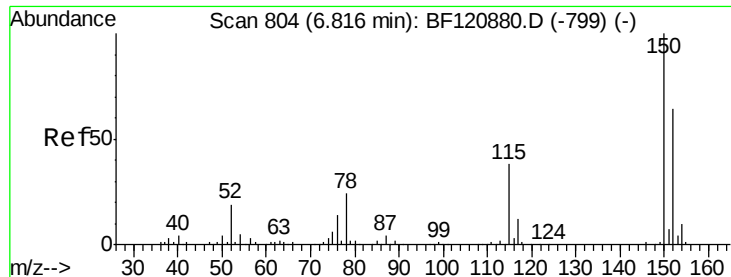
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

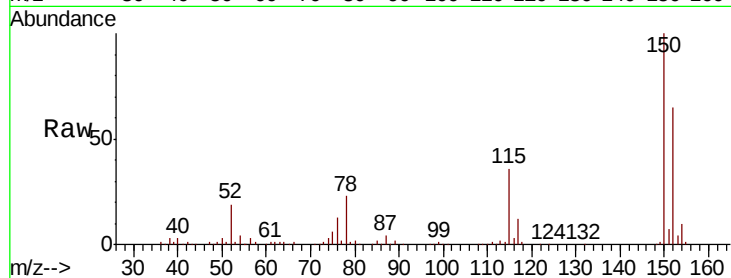
Tot Ion:152 Resp: 173101

Ion Ratio Lower Upper

152 100

150 153.2 125.0 187.6

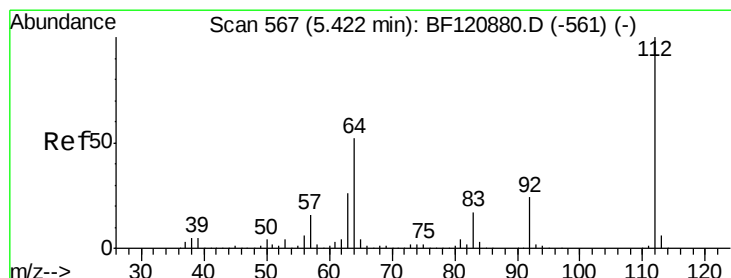
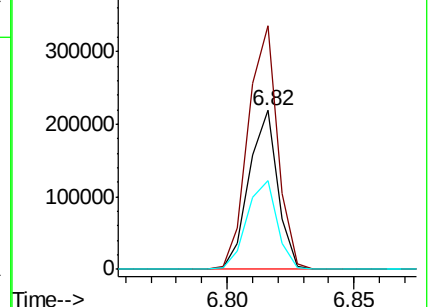
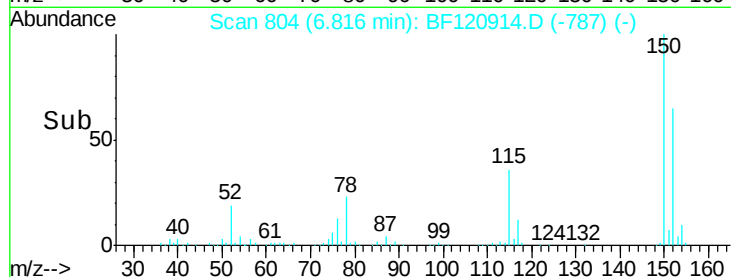
115 55.8 47.0 70.4



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



#5

2-Fluorophenol

Concen: 106.924 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

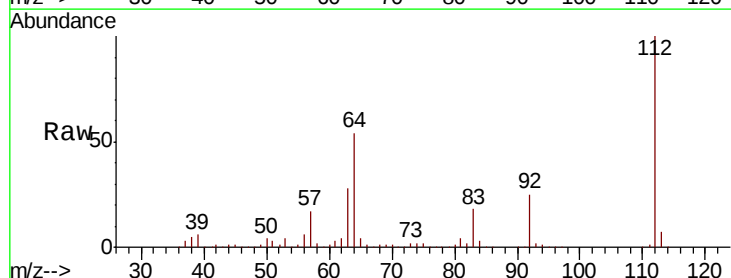
Tgt Ion:112 Resp: 1129017

Ion Ratio Lower Upper

112 100

64 54.4 41.3 61.9

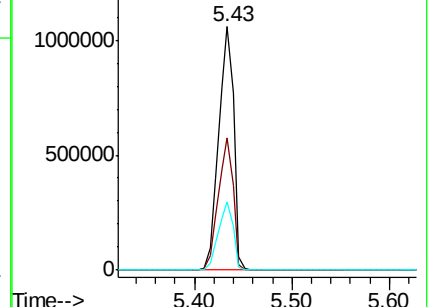
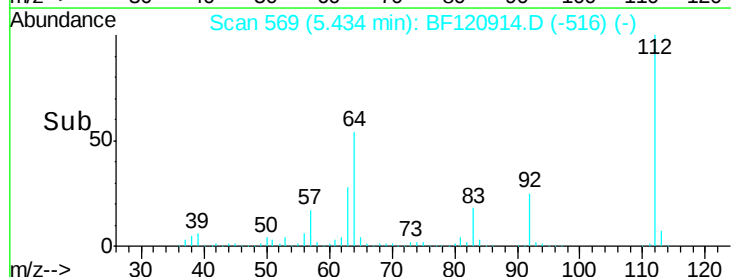
63 28.1 21.1 31.7

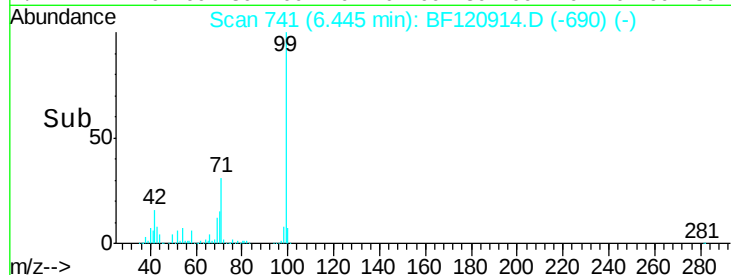
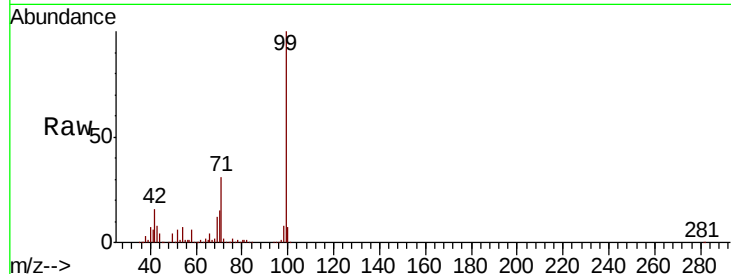
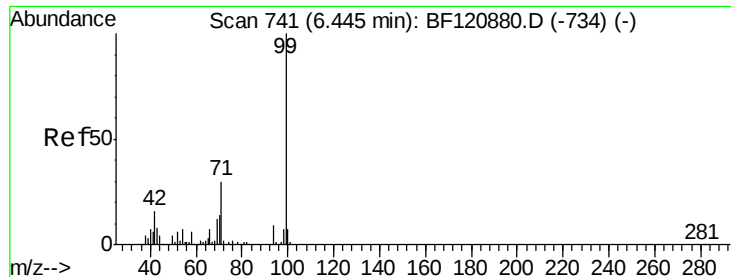


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.528 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

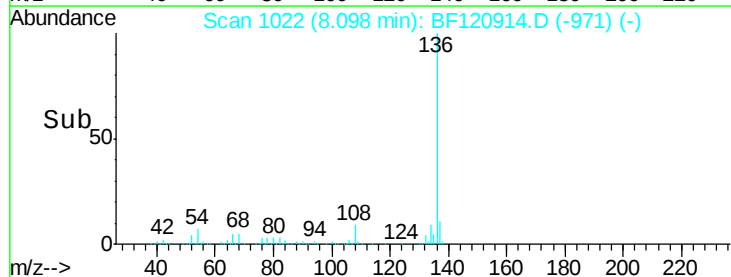
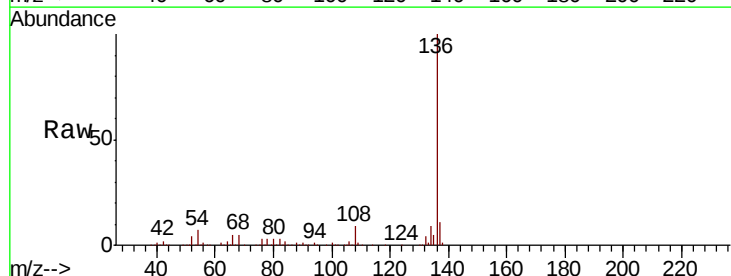
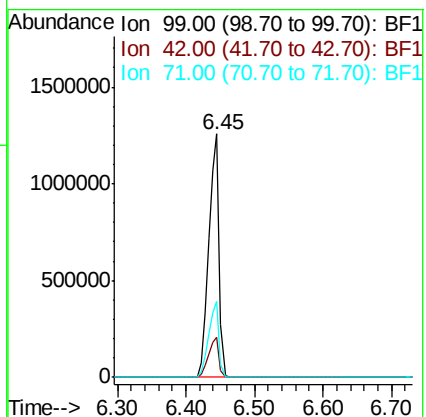
Tot Ion: 99 Resp: 1330244

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 31.0 24.2 36.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

Tgt Ion: 136 Resp: 656738

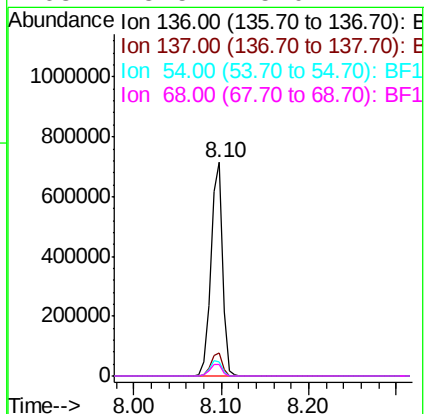
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.8 6.3 9.5

68 5.5 5.0 7.4

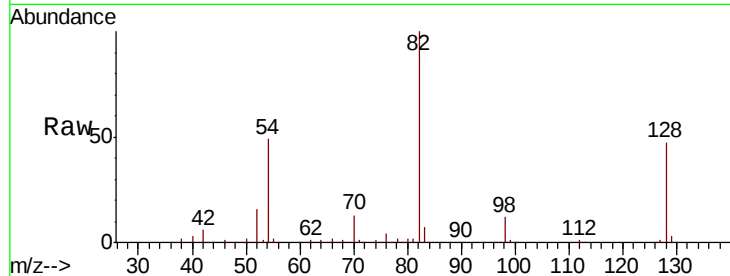




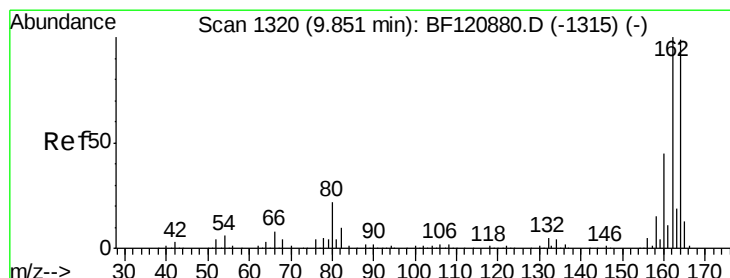
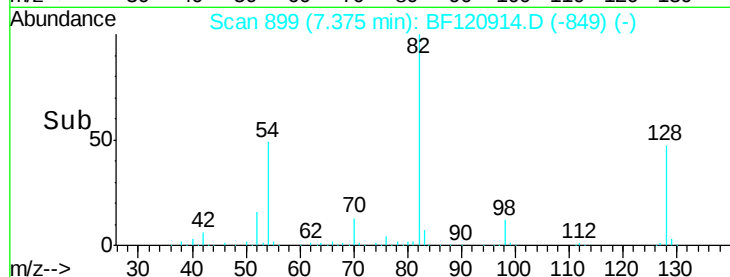
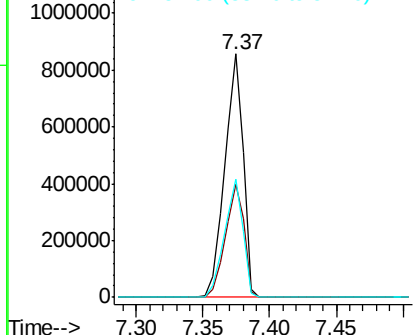
#23
Nitrobenzene-d5
Concen: 73.958 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tot Ion: 82 Resp: 839413
Ion Ratio Lower Upper
82 100
128 46.6 38.2 57.4
54 48.8 38.7 58.1

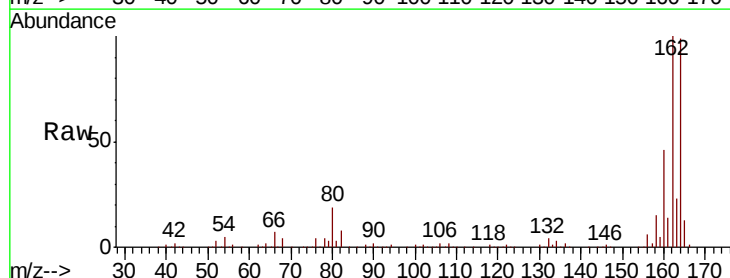


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

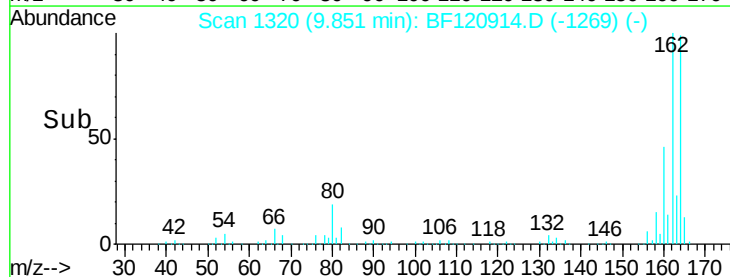
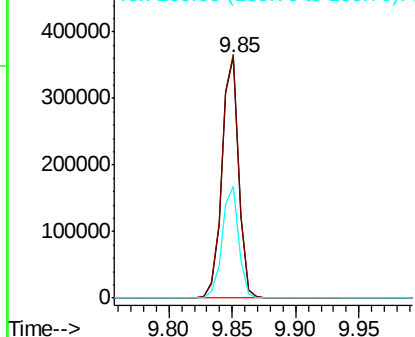


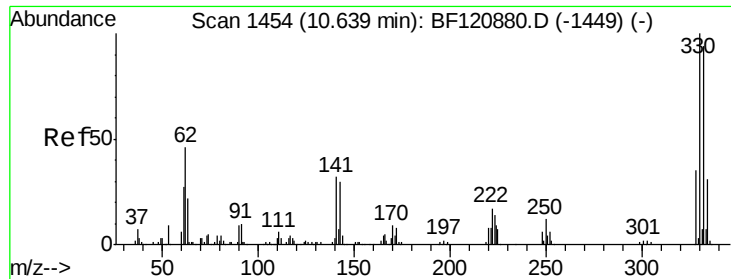
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:164 Resp: 333957
Ion Ratio Lower Upper
164 100
162 101.2 81.2 121.8
160 46.5 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

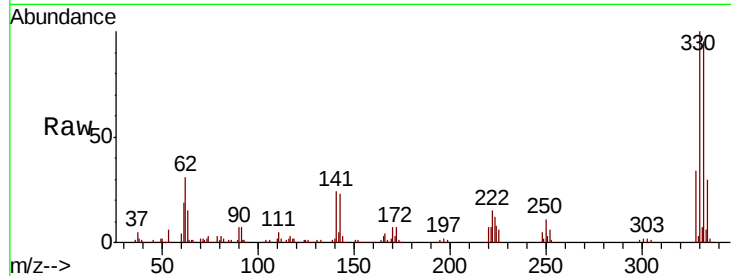




#42
 2,4,6-Tribromophenol
 Concen: 102.898 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Instrument :
 BNA_F
 ClientSampleId :
 PB130249TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	30.4	25.7	38.5

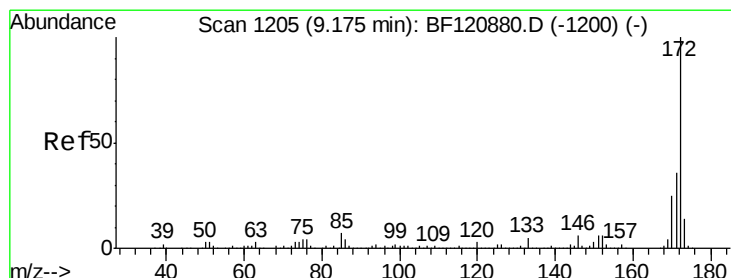
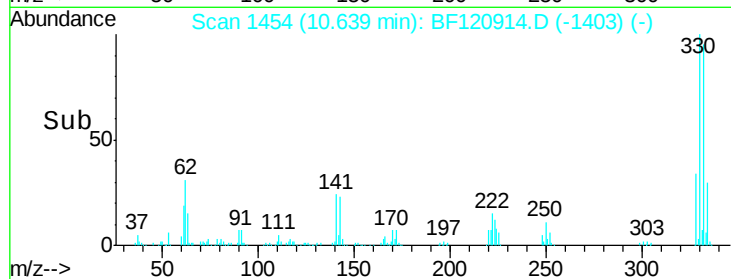
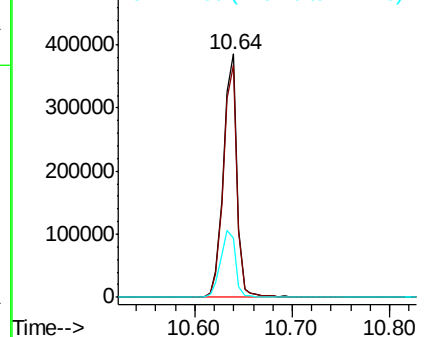


Abundance

Ion 329.80 (329.50 to 330.50): E

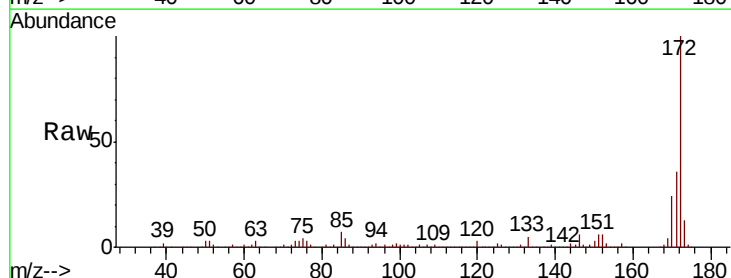
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.492 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120914.D
 Acq: 17 Jul 2020 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.4	19.6	29.4

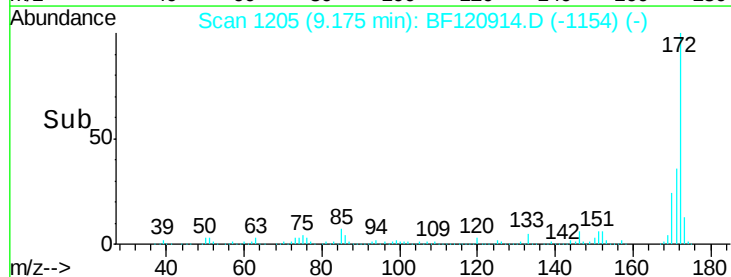
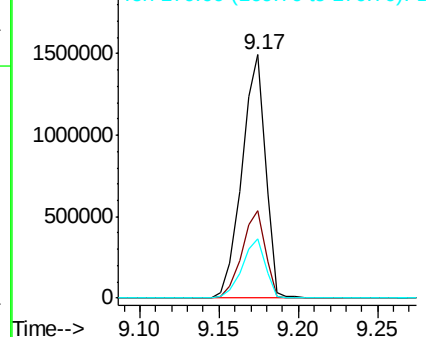


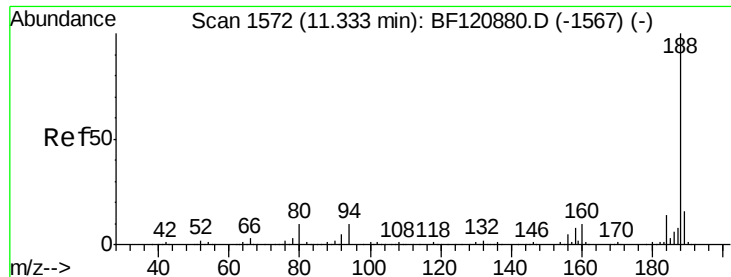
Abundance

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

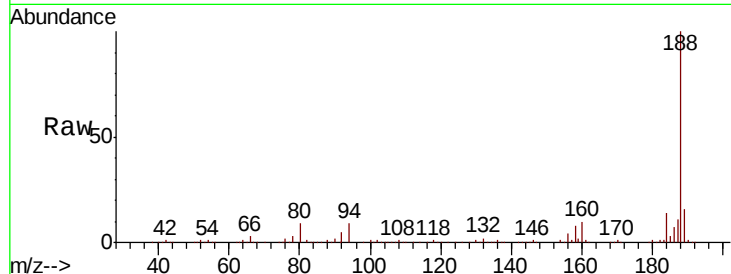




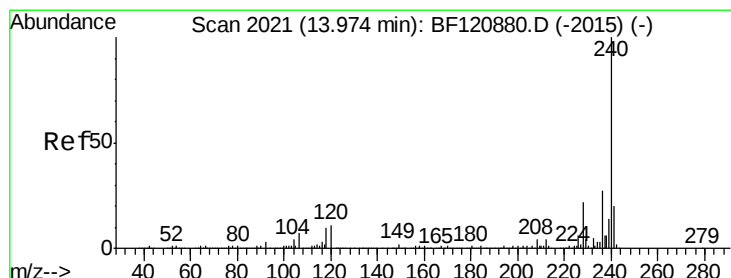
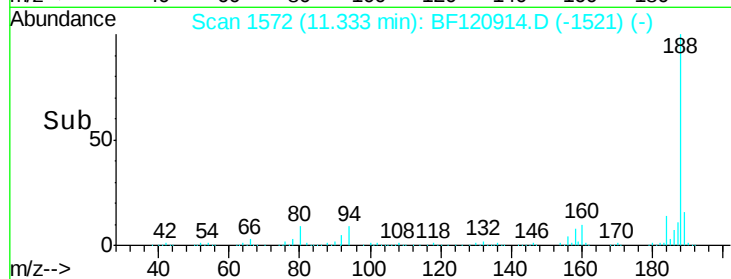
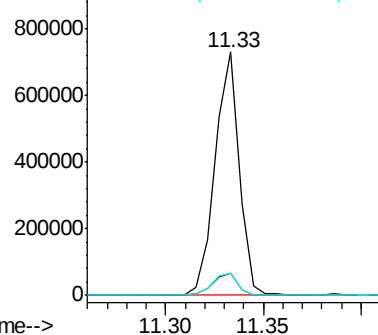
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Instrument :
BNA_F
ClientSampleId :
PB130249TB

Tot Ion:188 Resp: 627099
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.0 8.3 12.5

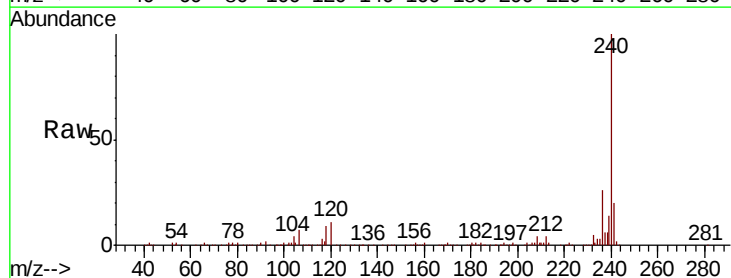


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

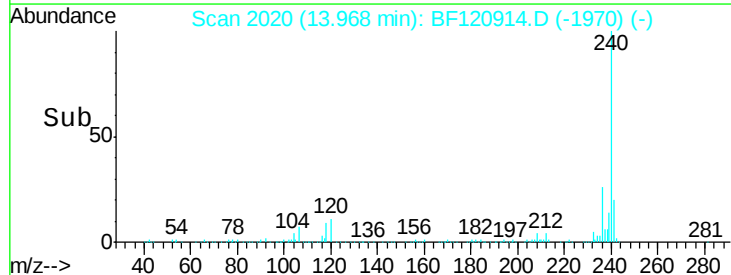
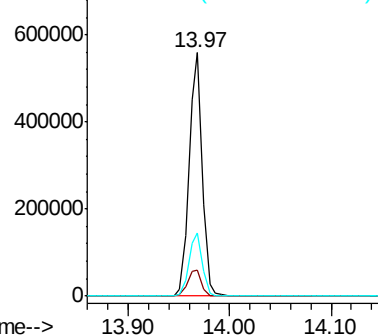


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120914.D
Acq: 17 Jul 2020 10:51

Tgt Ion:240 Resp: 503593
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.8 21.7 32.5



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: 65.080 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120914.D

Acq: 17 Jul 2020 10:51

Instrument :

BNA_F

ClientSampleId :

PB130249TB

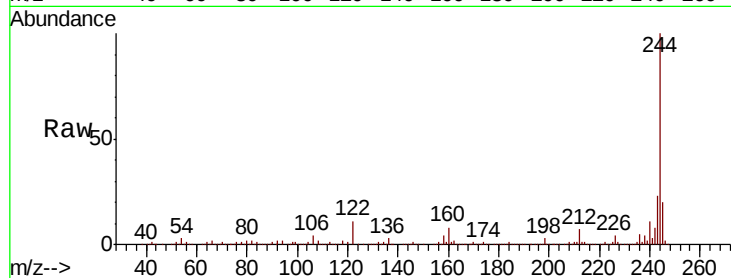
Tot Ion:244 Resp: 1507695

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

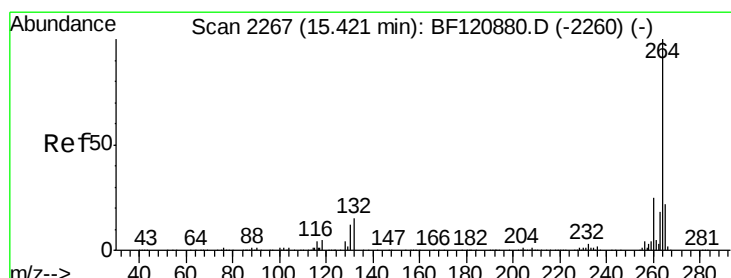
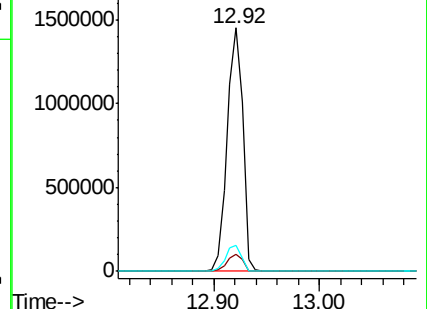
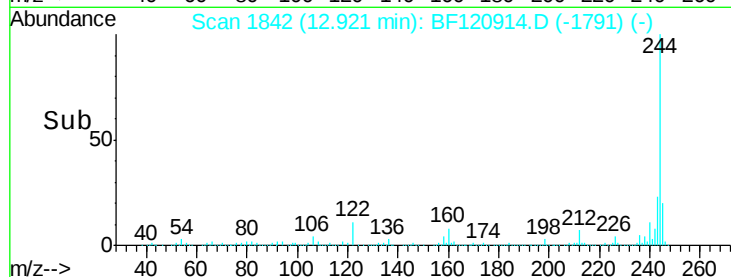
122 10.9 8.9 13.3



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: BF120914.D

Acq: 17 Jul 2020 10:51

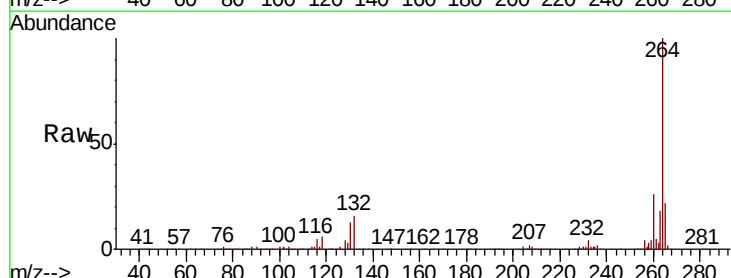
Tgt Ion:264 Resp: 463318

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 21.8 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

