

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120941.D
 Acq On : 20 Jul 2020 19:14
 Operator : JU/CG
 Sample : PB130317BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130317BL

Quant Time: Jul 21 00:49:13 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	187902	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	732077	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	390351	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	763352	20.00	ng	0.00
76) Chrysene-d12	13.97	240	662781	20.00	ng	0.00
86) Perylene-d12	15.42	264	574892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1253018	109.32	ng	0.02
7) Phenol-d6	6.45	99	1538787	103.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	963612	76.16	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	471674	110.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1750026	66.94	ng	0.00
79) Terphenyl-d14	12.93	244	1806732	59.26	ng	0.00

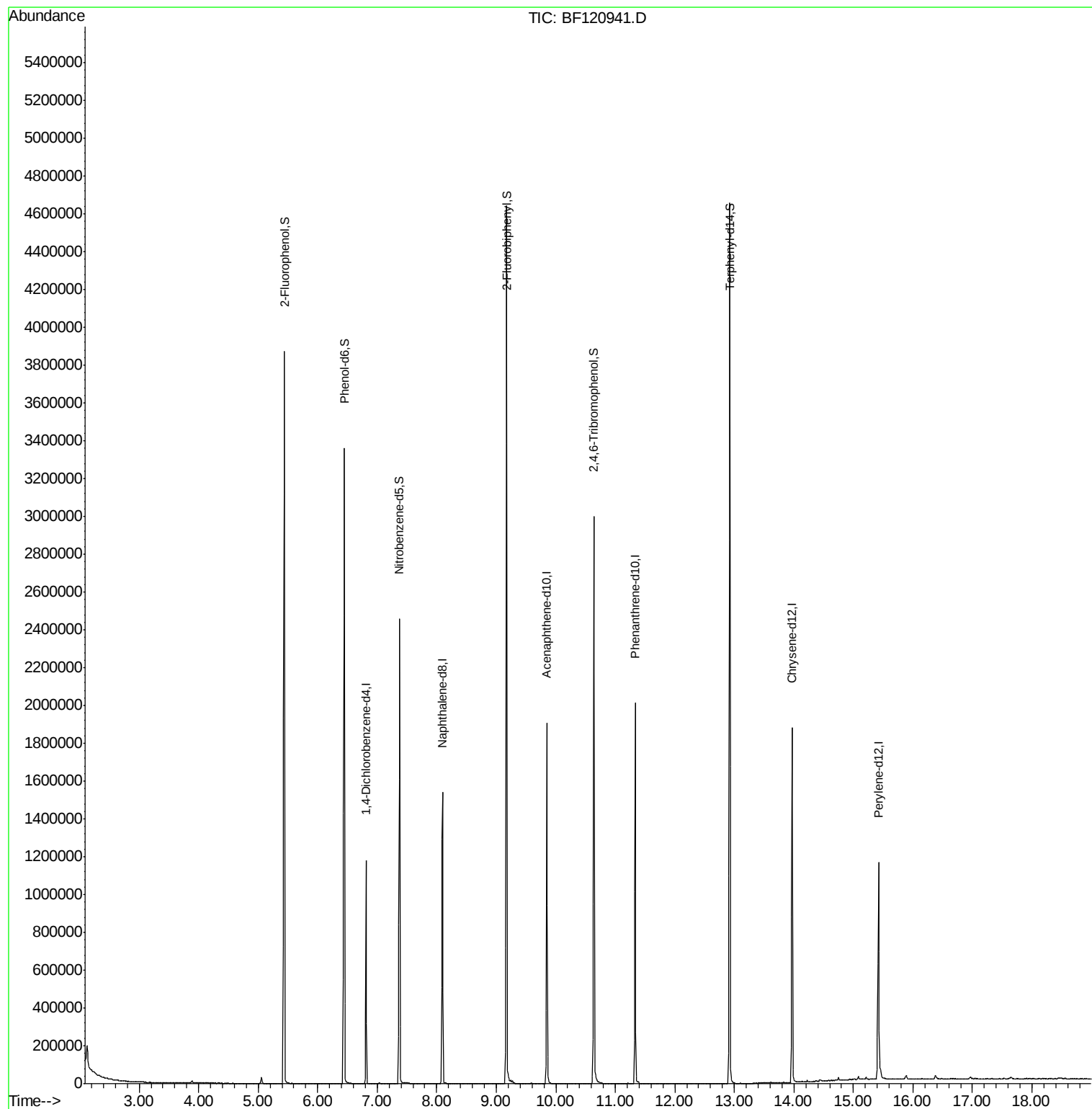
Target Compounds Qvalue

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

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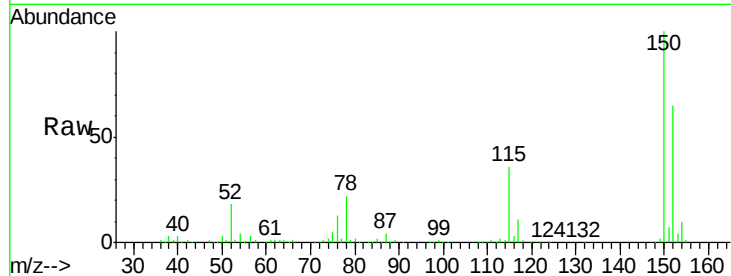


#1

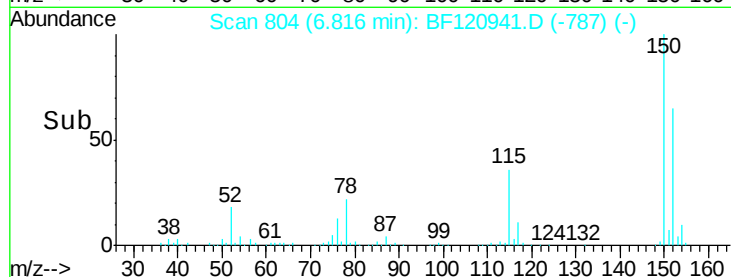
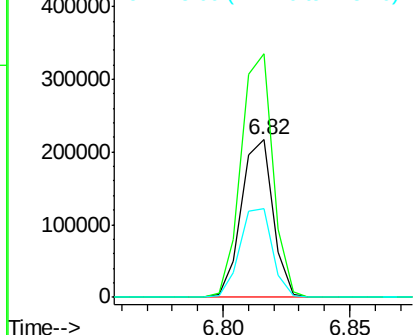
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120941.D
Acq: 20 Jul 2020 19:14

Instrument :
BNA_F
ClientSampleId :
PB130317BL

Tot Ion:152 Resp: 187902
Ion Ratio Lower Upper
152 100
150 154.6 125.0 187.6
115 56.3 47.0 70.4



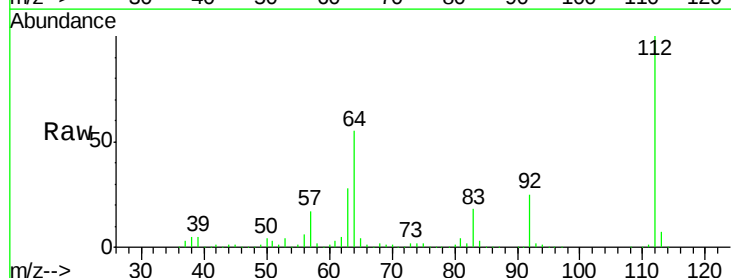
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



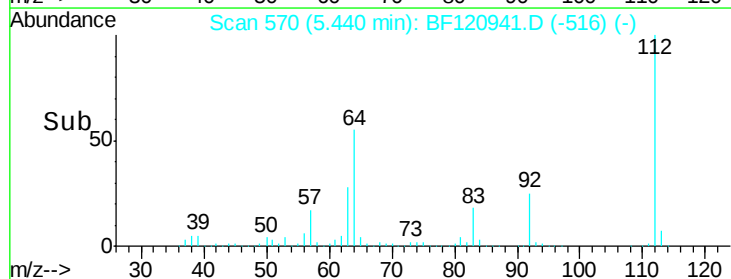
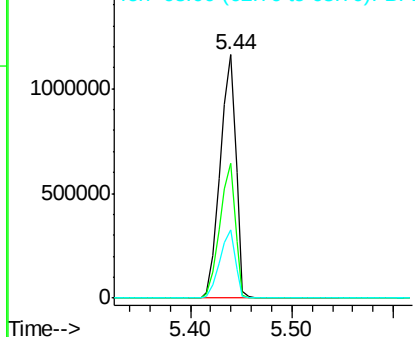
#5

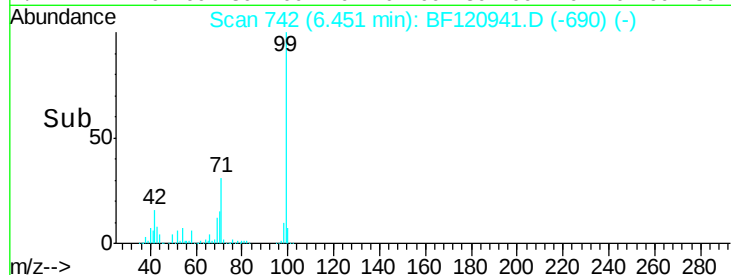
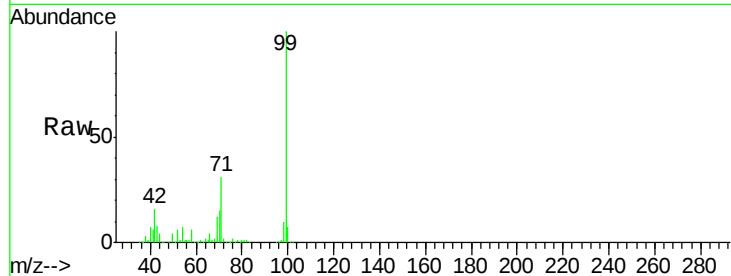
2-Fluorophenol
Concen: 109.320 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120941.D
Acq: 20 Jul 2020 19:14

Tgt Ion:112 Resp: 1253018
Ion Ratio Lower Upper
112 100
64 55.5 41.3 61.9
63 28.3 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: 103.931 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

BNA_F

ClientSampleId :

PB130317BL

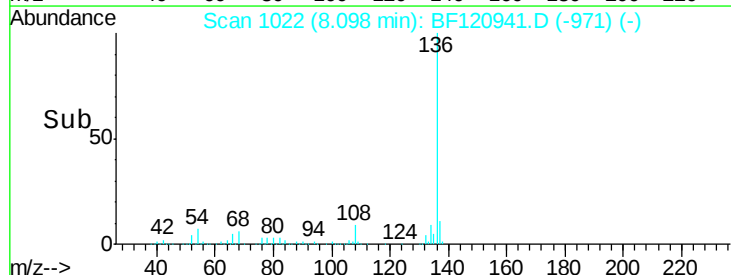
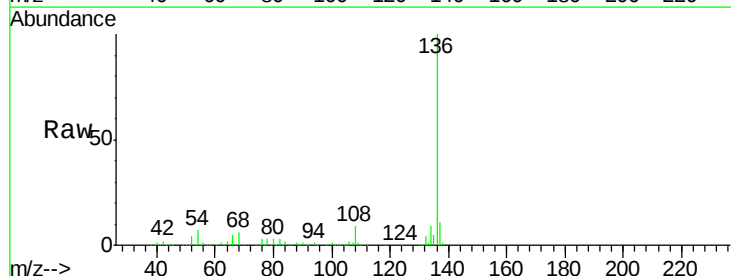
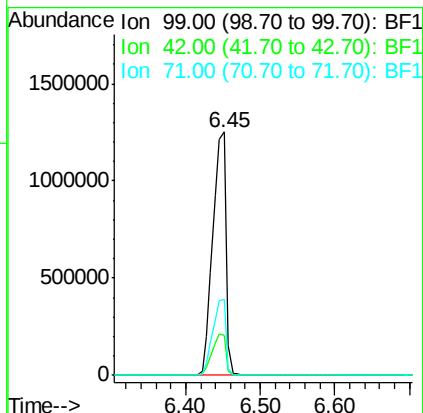
Tot Ion: 99 Resp: 1538787

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

71 31.1 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: BF120941.D

Acq: 20 Jul 2020 19:14

Tgt Ion: 136 Resp: 732077

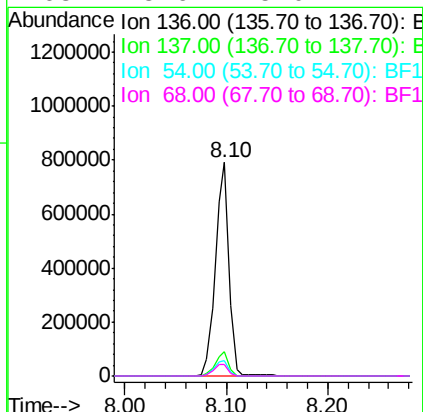
Ion Ratio Lower Upper

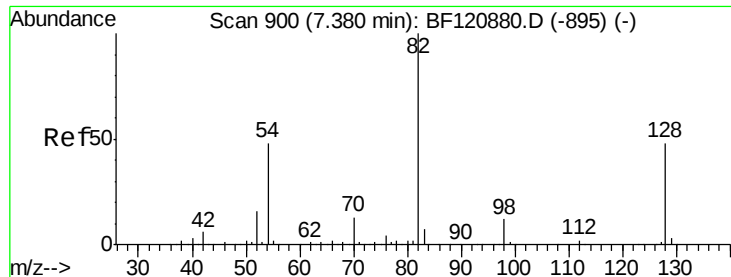
136 100

137 11.2 9.3 13.9

54 7.0 6.3 9.5

68 5.6 5.0 7.4

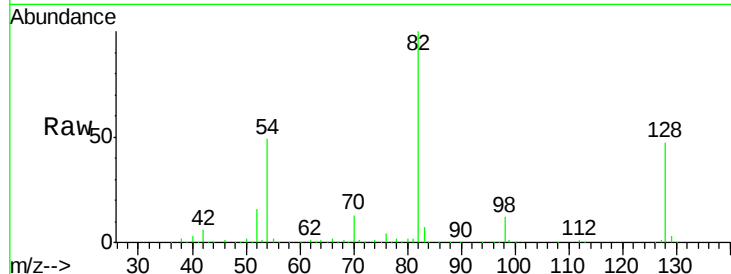




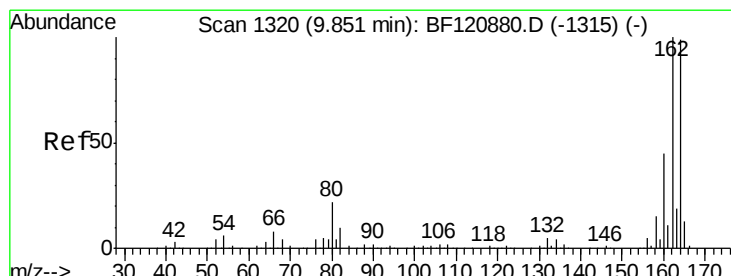
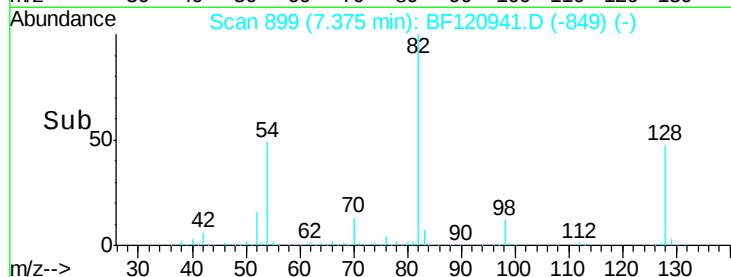
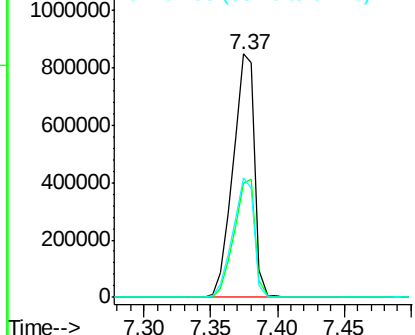
#23
 Nitrobenzene-d5
 Concen: 76.163 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Instrument :
 BNA_F
 ClientSampled :
 PB130317BL

Tot Ion: 82 Resp: 963612
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.2 57.4
 54 49.1 38.7 58.1

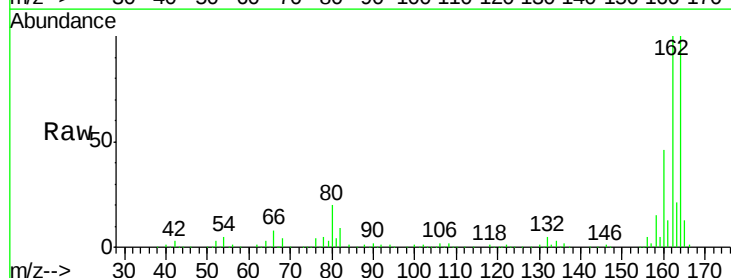


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

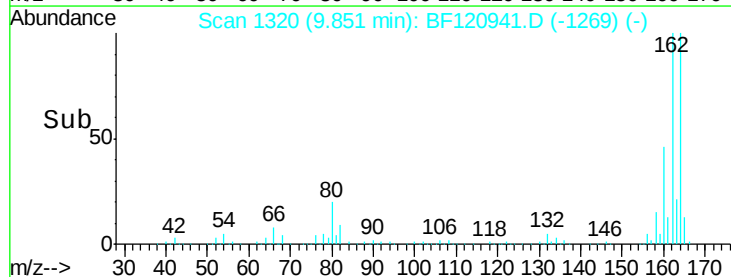
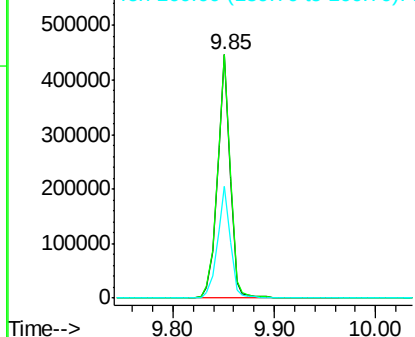


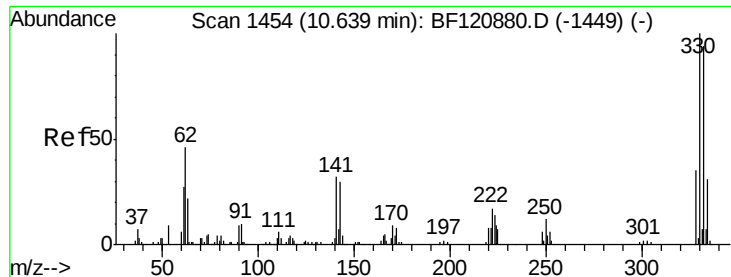
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Tgt Ion: 164 Resp: 390351
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.2 121.8
 160 46.0 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

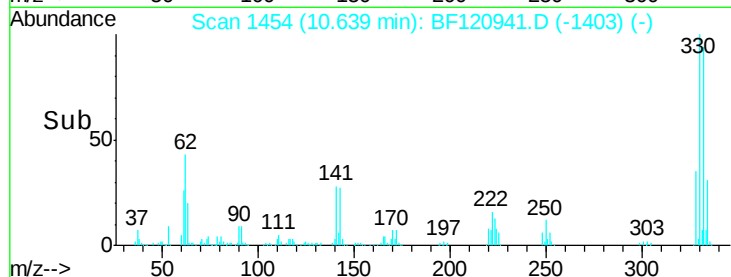
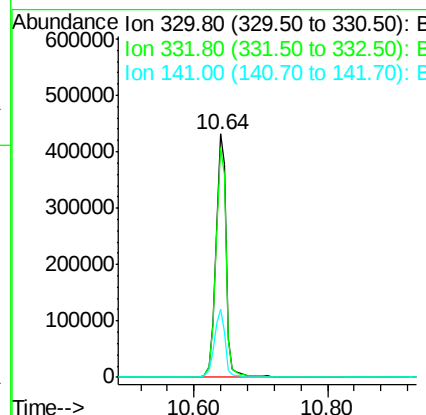
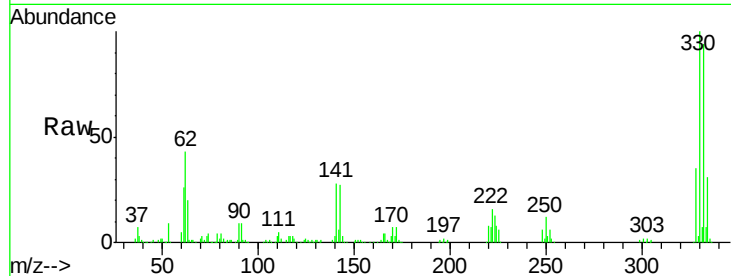




#42
 2,4,6-Tribromophenol
 Concen: 110.390 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

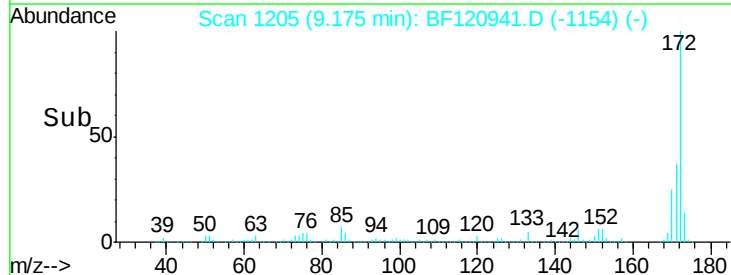
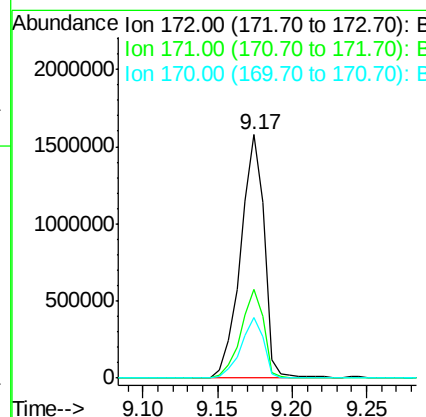
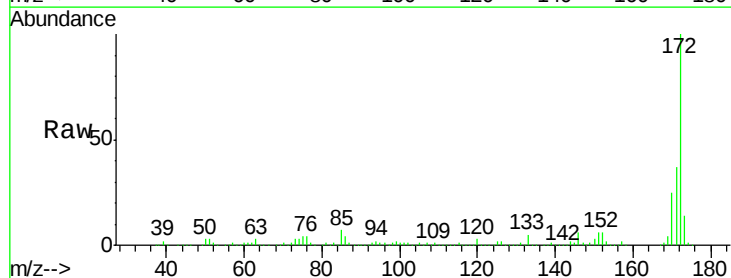
Instrument :
 BNA_F
 ClientSampleId :
 PB130317BL

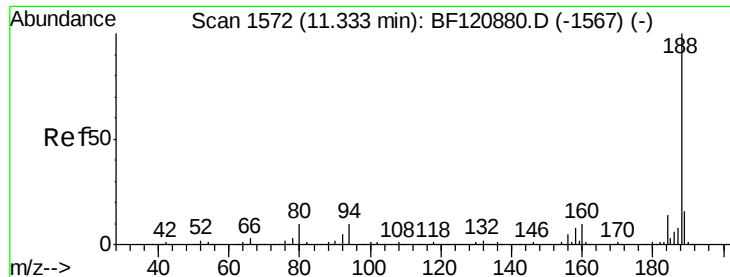
Tot Ion:330 Resp: 471674
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.5 113.3
 141 29.0 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 66.936 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120941.D
 Acq: 20 Jul 2020 19:14

Tgt Ion:172 Resp: 1750026
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.8 19.6 29.4

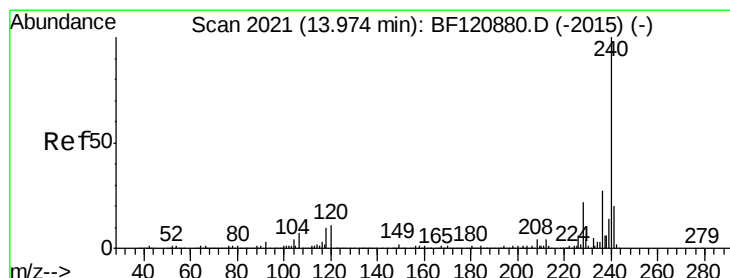
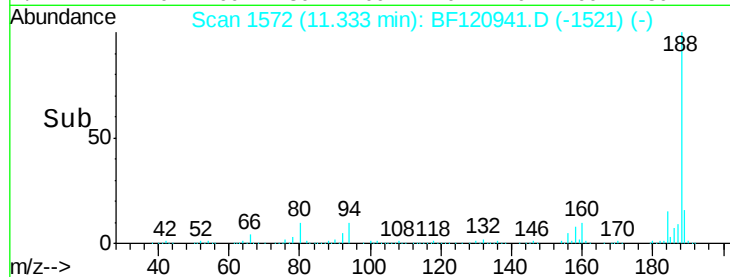
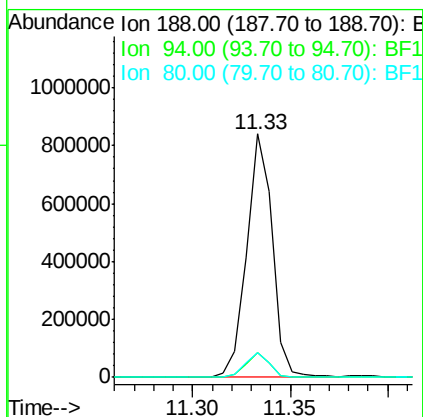
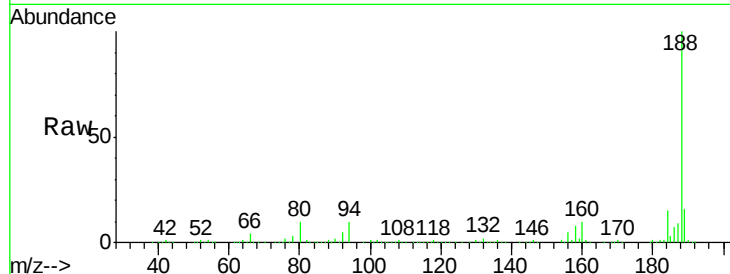




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120941.D
Acq: 20 Jul 2020 19:14

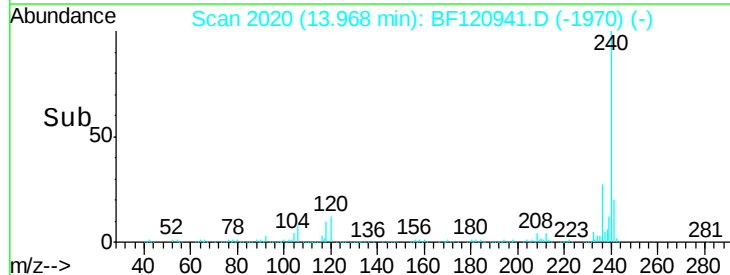
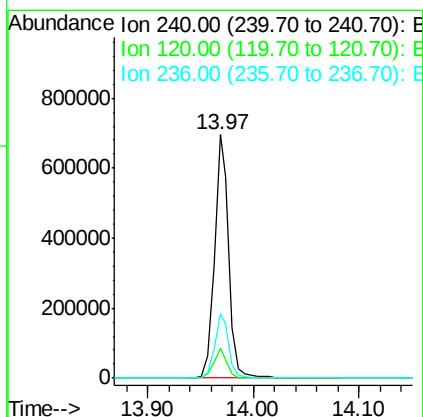
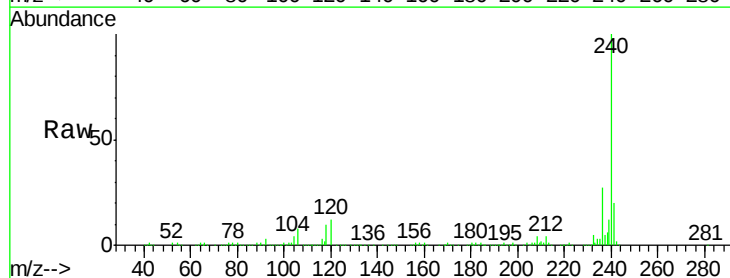
Instrument :
BNA_F
ClientSampled :
PB130317BL

Tot Ion:188 Resp: 763352
Ion Ratio Lower Upper
188 100
94 10.0 8.0 12.0
80 10.0 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: BF120941.D
Acq: 20 Jul 2020 19:14

Tgt Ion:240 Resp: 662781
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.4
236 26.7 21.7 32.5





#79

Terphenyl-d14

Concen: 59.257 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

Instrument :

BNA_F

ClientSampleId :

PB130317BL

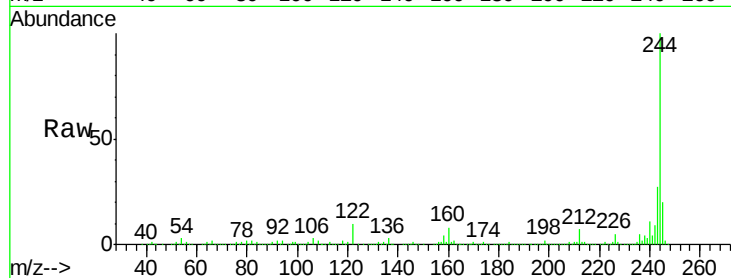
Tot Ion:244 Resp: 1806732

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 10.4 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

12.93

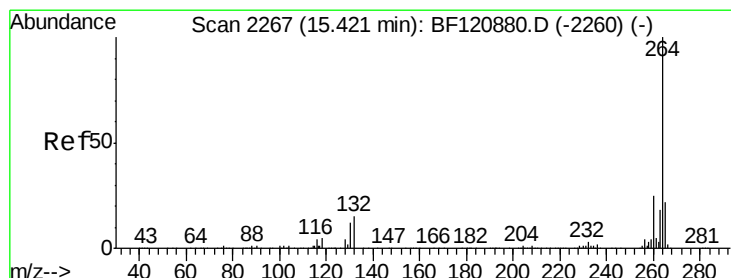
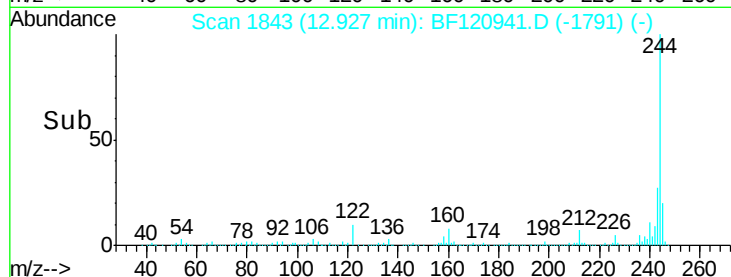
1500000

1000000

500000

0

Time--> 12.80 12.90 13.00 13.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BF120941.D

Acq: 20 Jul 2020 19:14

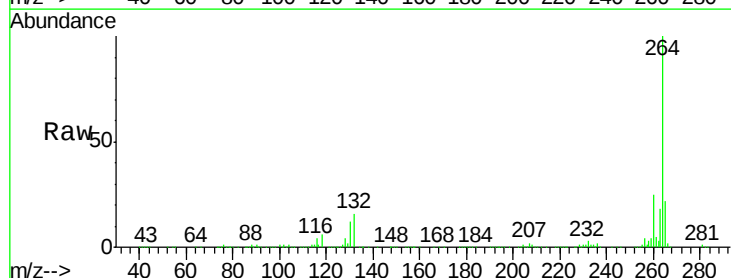
Tgt Ion:264 Resp: 574892

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.6 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

15.42

500000

400000

300000

200000

100000

0

Time--> 15.30 15.40 15.50

