

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120258.D
 Acq On : 1 May 2020 15:11
 Operator : MA/SJ
 Sample : PB128596BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128596BL

Quant Time: May 01 15:43:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	127583	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	486826	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	245861	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	526089	20.00	ng	0.00
76) Chrysene-d12	13.82	240	455772	20.00	ng	-0.01
87) Perylene-d12	15.22	264	418358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1098486	148.80	ng	0.00
7) Phenol-d6	6.30	99	1381183	145.19	ng	-0.01
23) Nitrobenzene-d5	7.22	82	857162	91.09	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	391471	130.05	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1655396	95.59	ng	0.00
79) Terphenyl-d14	12.77	244	2124823	78.45	ng	0.00

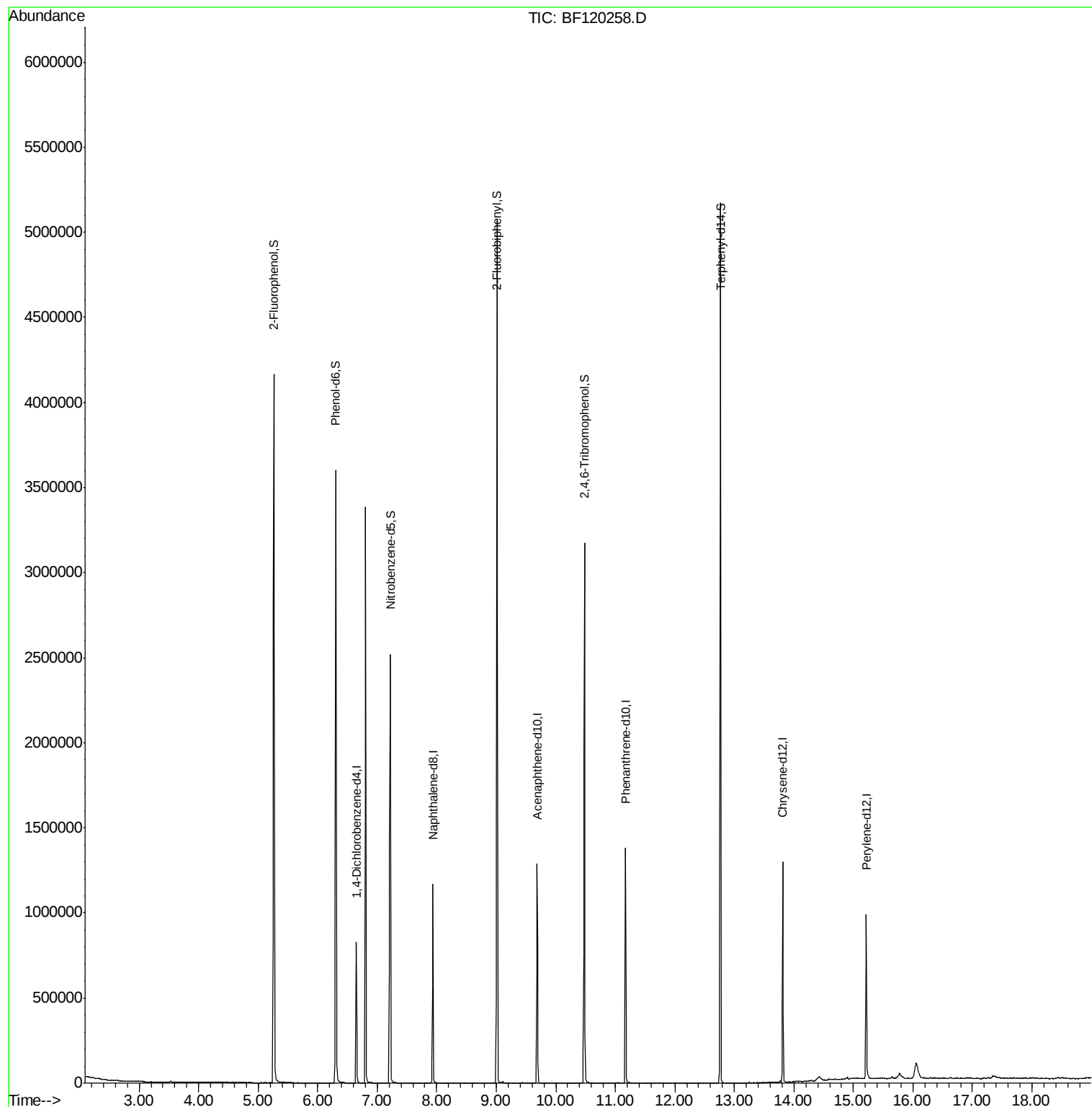
Target Compounds Qvalue

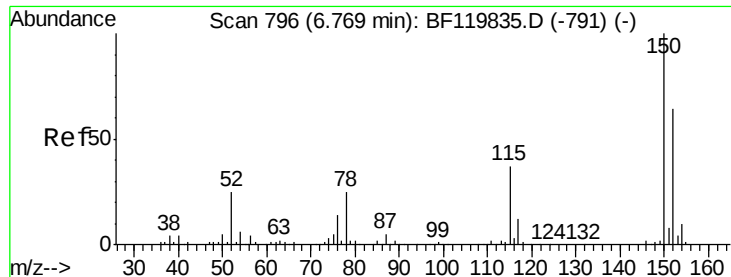
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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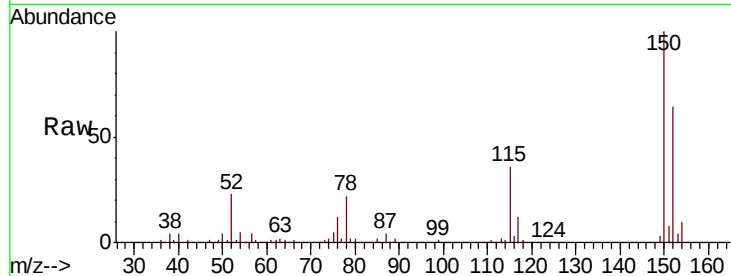


#1

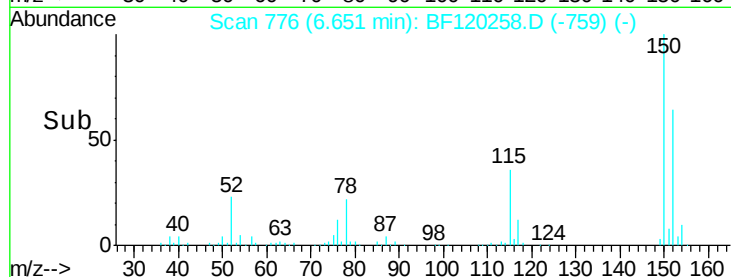
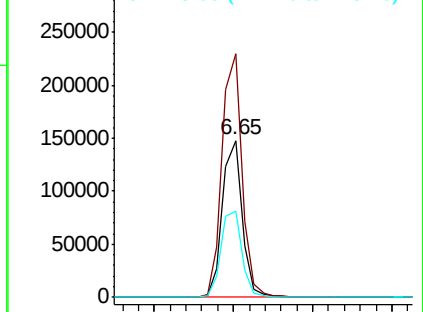
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

Instrument :
BNA_F
ClientSampleId :
PB128596BL

Tot Ion:152 Resp: 127583
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 55.3 49.6 74.4



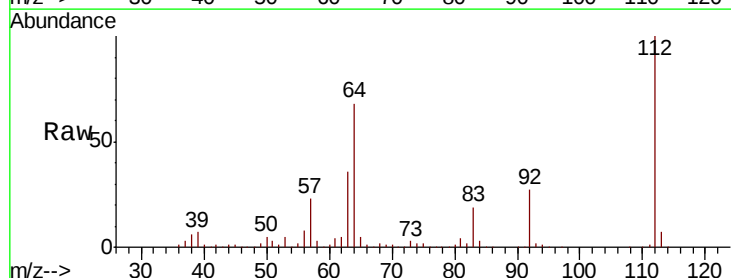
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



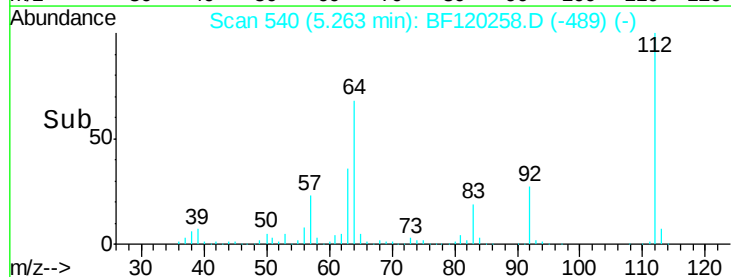
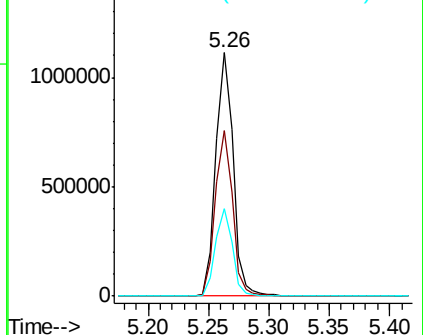
#5

2-Fluorophenol
Concen: 148.796 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

Tgt Ion:112 Resp: 1098486
Ion Ratio Lower Upper
112 100
64 68.1 56.7 85.1
63 35.9 29.5 44.3



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: 145.194 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Instrument :

BNA_F

ClientSampleId :

PB128596BL

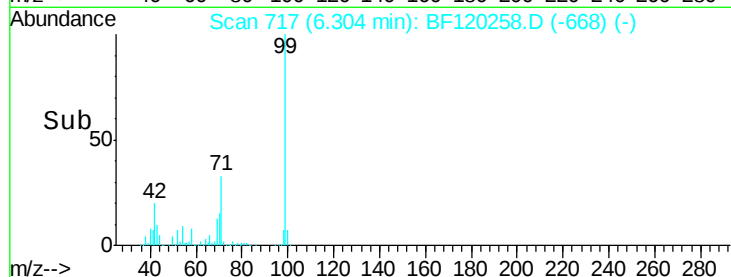
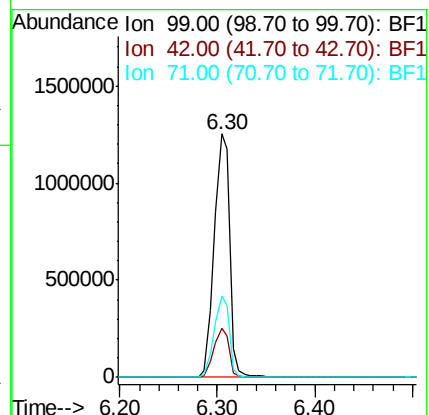
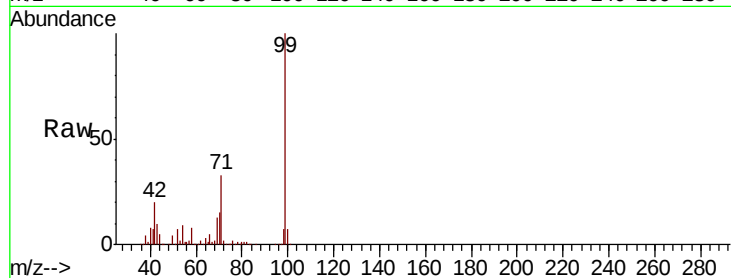
Tot Ion: 99 Resp: 1381183

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

71 33.2 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Tgt Ion: 136 Resp: 486826

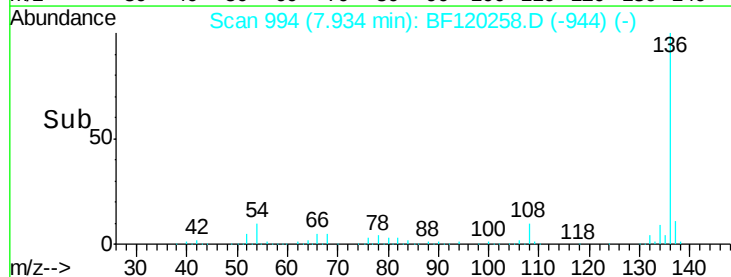
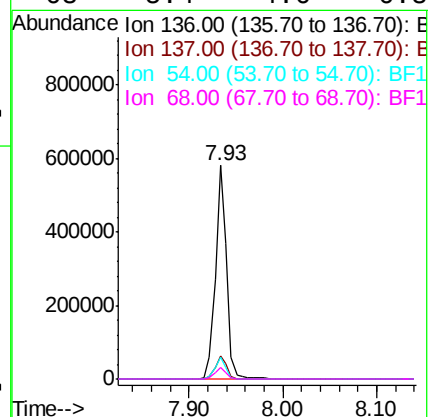
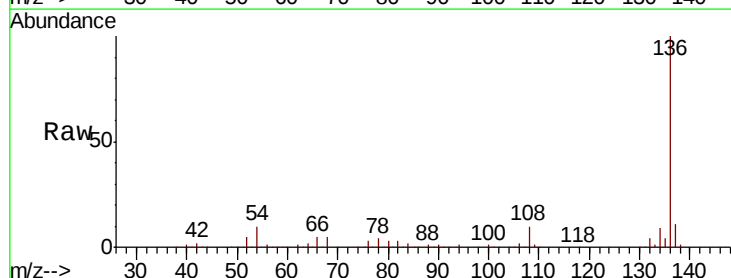
Ion Ratio Lower Upper

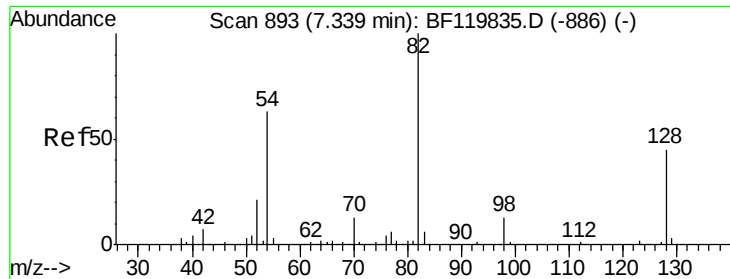
136 100

137 10.7 8.7 13.1

54 10.3 9.1 13.7

68 5.4 4.6 6.8

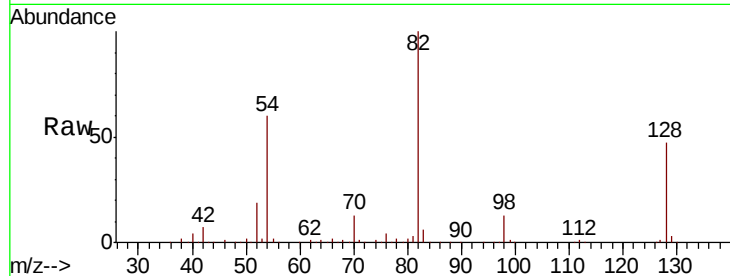




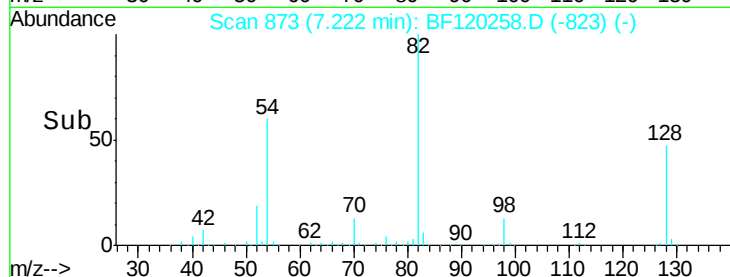
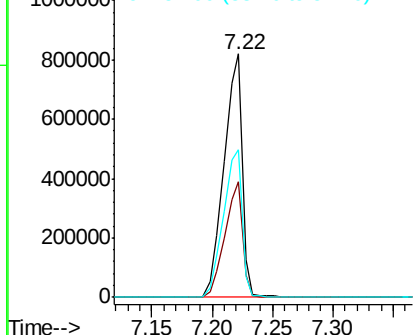
#23
 Nitrobenzene-d5
 Concen: 91.088 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Instrument :
 BNA_F
 ClientSampled :
 PB128596BL

Tot Ion: 82 Resp: 857162
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.3 54.5
 54 60.5 50.6 75.8

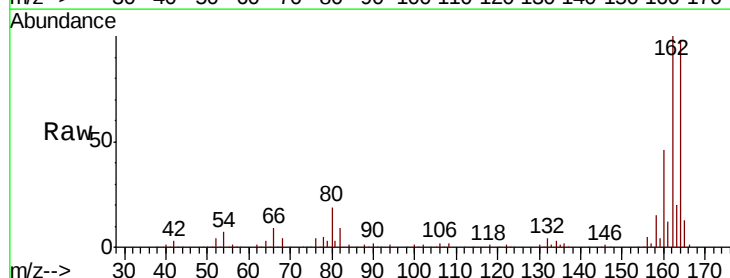


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

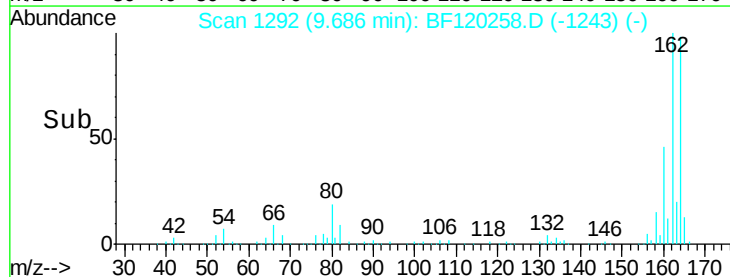
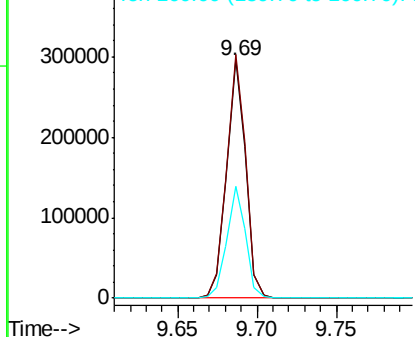


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Tgt Ion: 164 Resp: 245861
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 121.0
 160 46.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

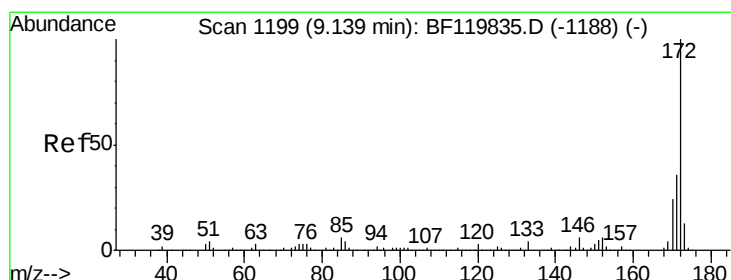
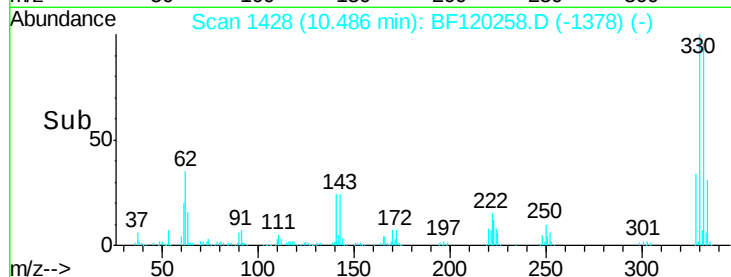
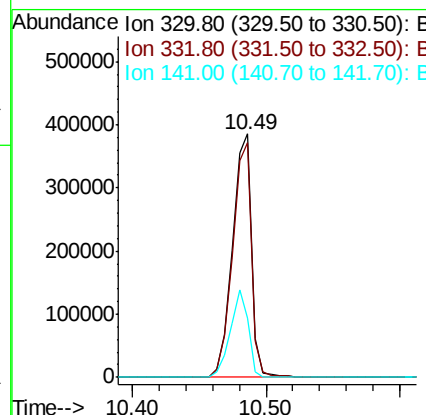
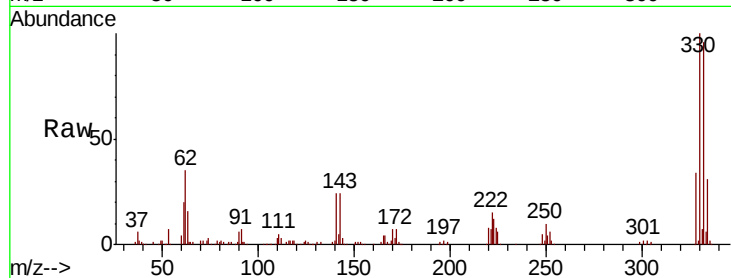




#42
 2,4,6-Tribromophenol
 Concen: 130.049 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

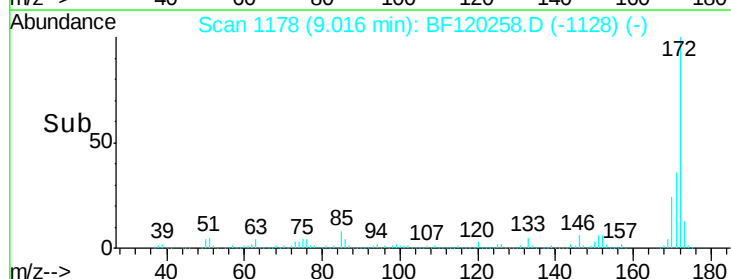
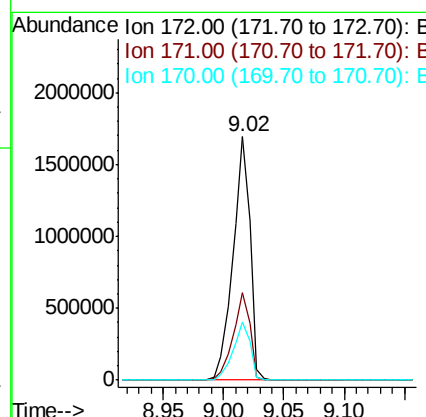
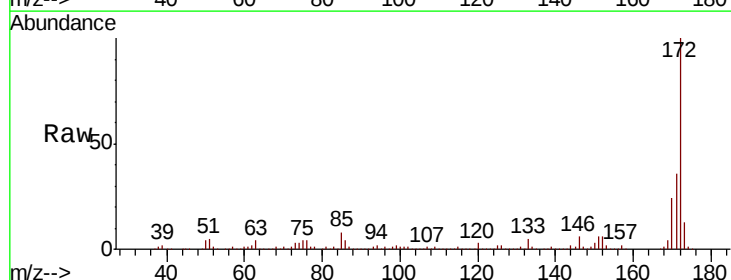
Instrument :
 BNA_F
 ClientSampleId :
 PB128596BL

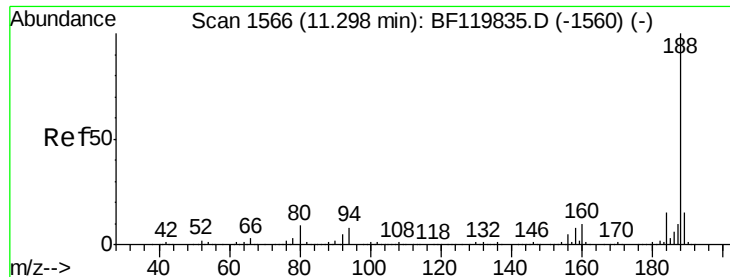
Tot Ion:330 Resp: 391471
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5
 141 34.0 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 95.595 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120258.D
 Acq: 1 May 2020 15:11

Tgt Ion:172 Resp: 1655396
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.0 20.2 30.2

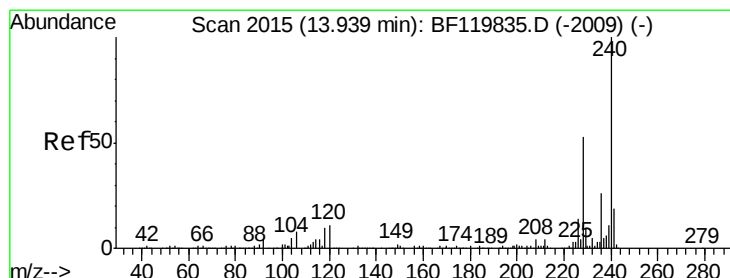
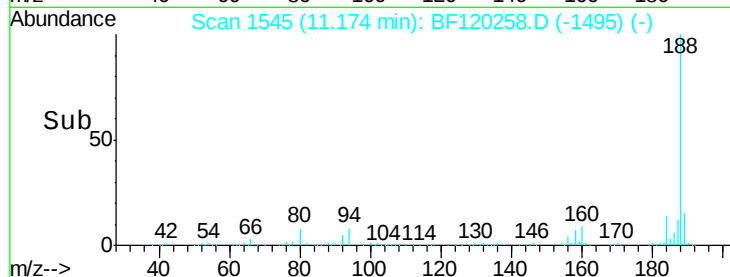
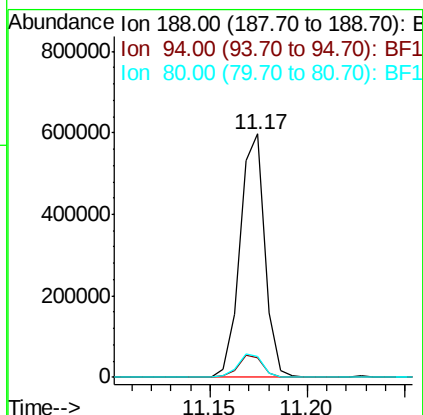
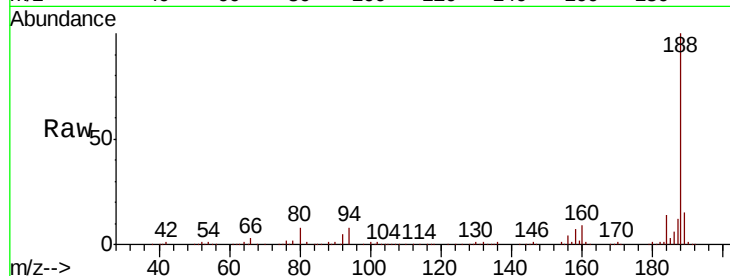




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

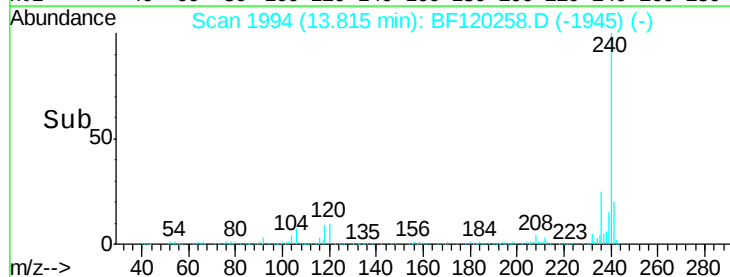
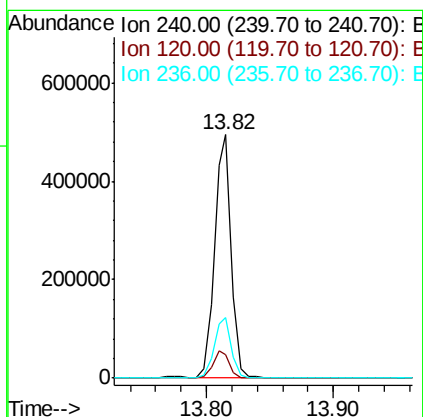
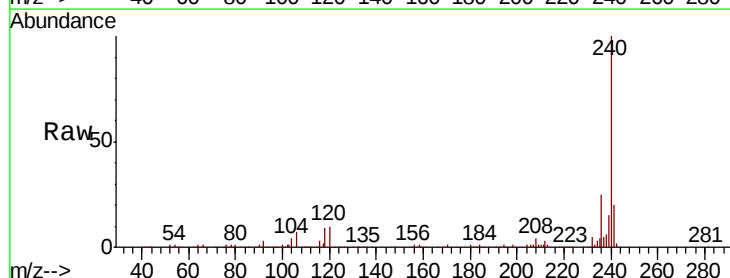
Instrument :
BNA_F
ClientSampleId :
PB128596BL

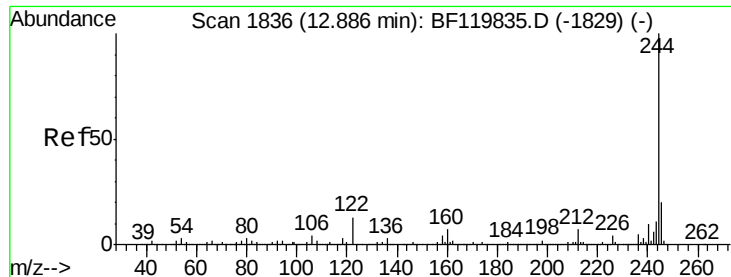
Tot Ion:188 Resp: 526089
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 8.3 9.0 13.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF120258.D
Acq: 1 May 2020 15:11

Tgt Ion:240 Resp: 455772
Ion Ratio Lower Upper
240 100
120 9.7 10.6 15.8#
236 24.7 20.2 30.2





#79

Terphenyl-d14

Concen: 78.446 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

Instrument :

BNA_F

ClientSampleId :

PB128596BL

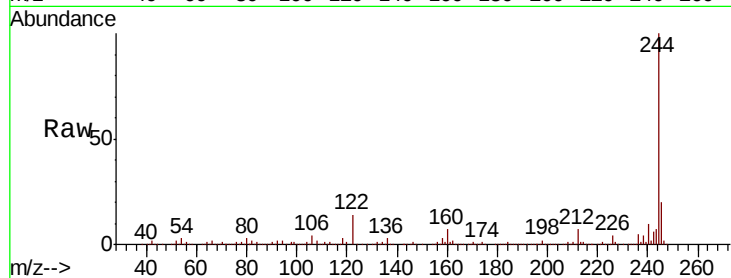
Tot Ion:244 Resp: 2124823

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

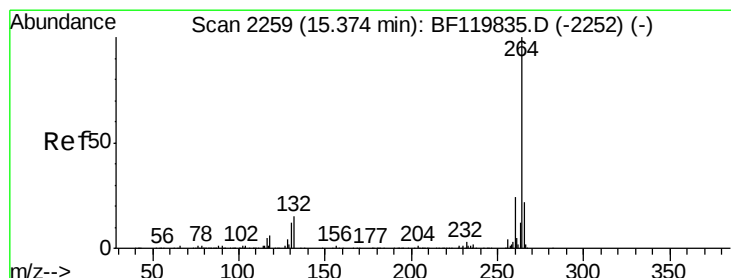
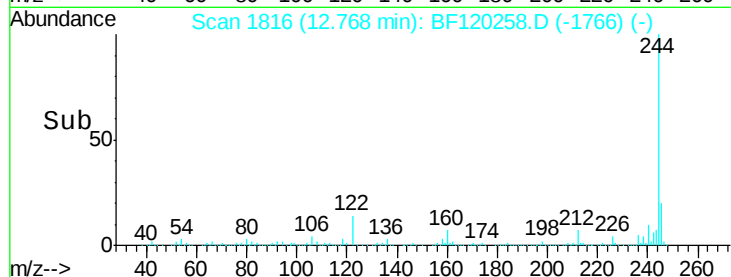
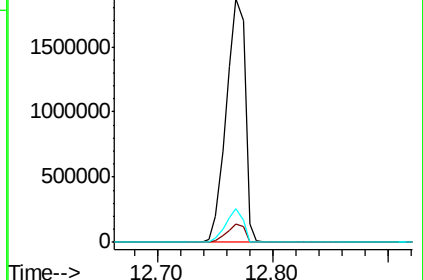
122 13.7 10.3 15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF120258.D

Acq: 1 May 2020 15:11

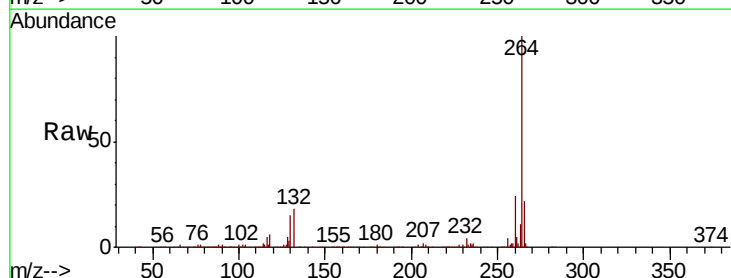
Tgt Ion:264 Resp: 418358

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.8 17.7 26.5



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

