

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120345.D
 Acq On : 18 May 2020 16:50
 Operator : MA/SJ
 Sample : PB128946BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BL

Quant Time: May 18 17:40:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	326501	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1456433	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	593439	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1111553	20.00	ng	0.00
76) Chrysene-d12	13.76	240	929102	20.00	ng	0.00
87) Perylene-d12	15.14	264	834853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2129200	126.88	ng	0.00
7) Phenol-d6	6.26	99	2657231	125.22	ng	0.00
23) Nitrobenzene-d5	7.17	82	1680380	78.99	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	603860	124.80	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2793827	96.72	ng	0.00
79) Terphenyl-d14	12.71	244	3085539	73.37	ng	0.00

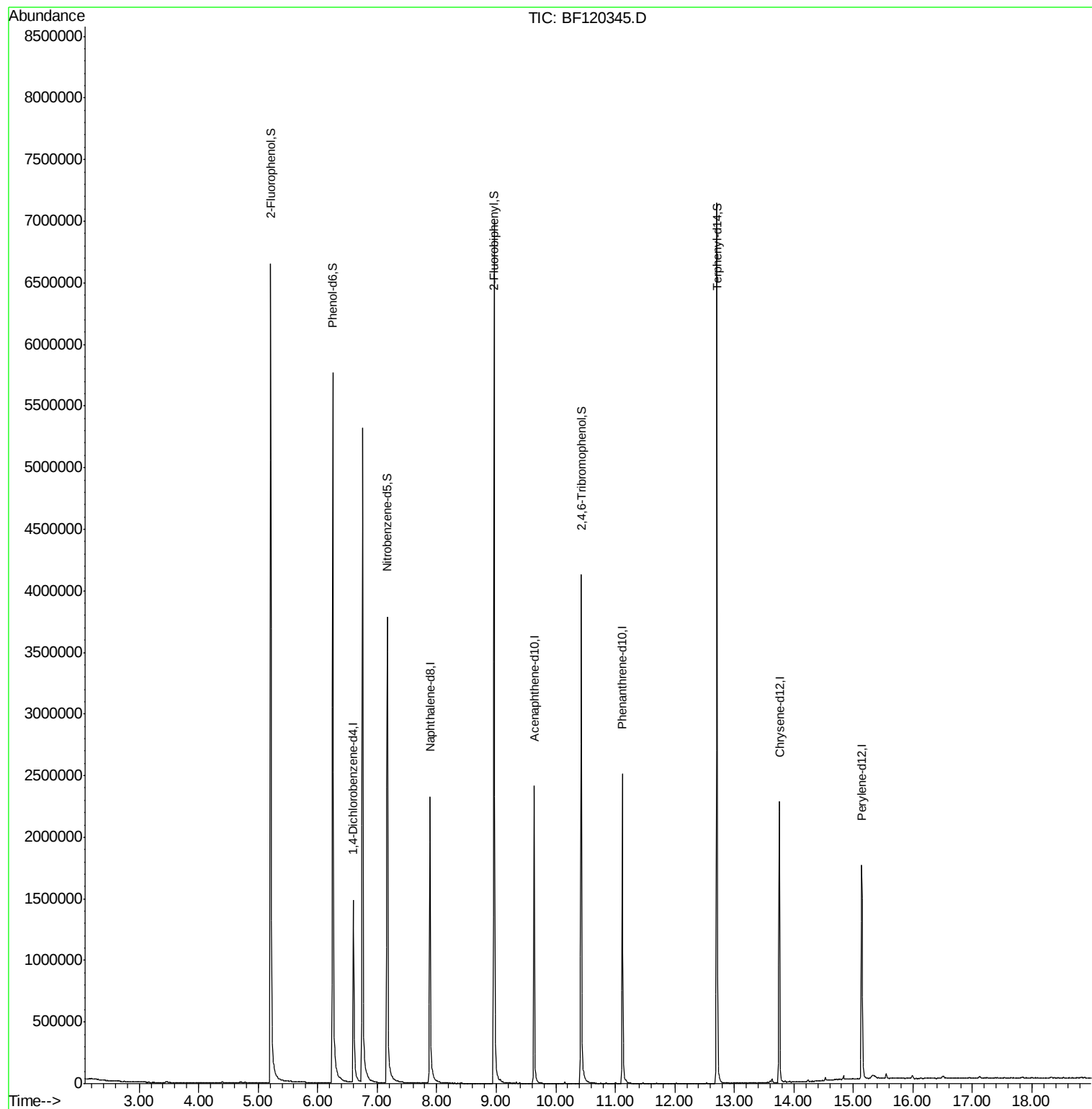
Target Compounds Qvalue

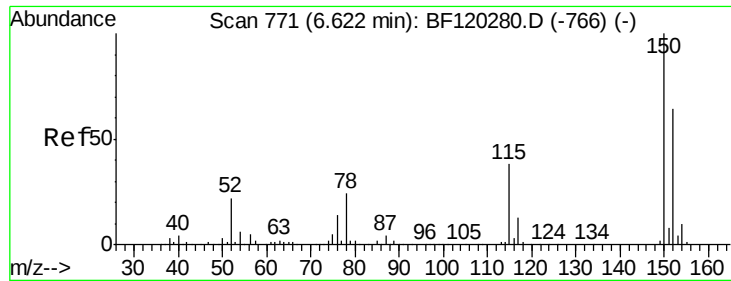
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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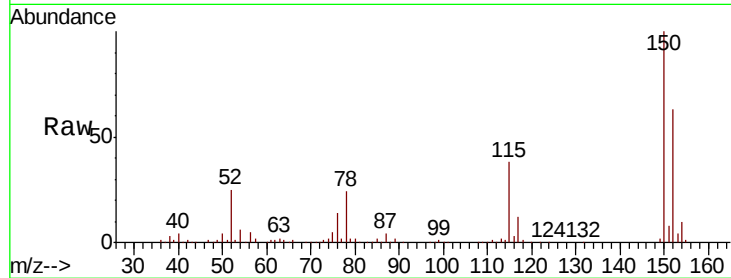


#1

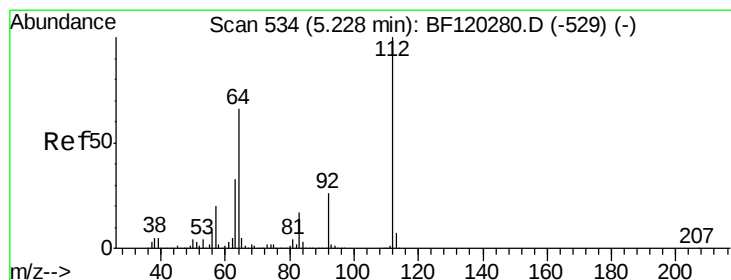
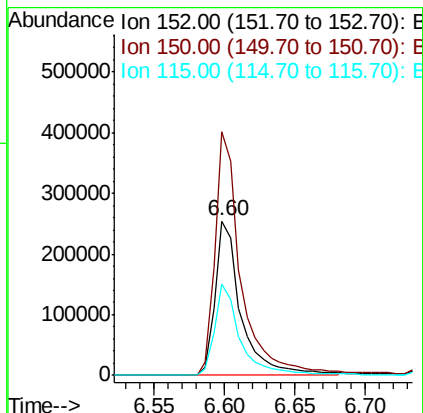
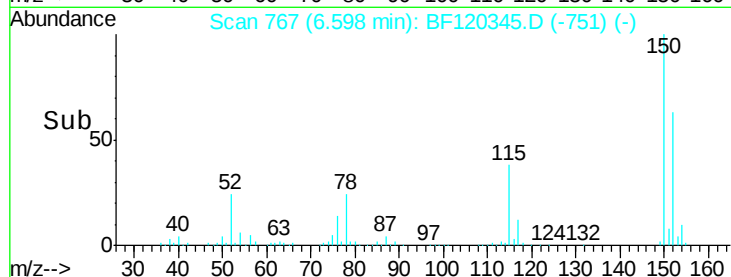
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

Instrument :
 BNA_F
 ClientSampleId :
 PB128946BL

Tot Ion:152 Resp: 326501
 Ion Ratio Lower Upper
 152 100
 150 158.0 126.2 189.2
 115 59.4 47.9 71.9



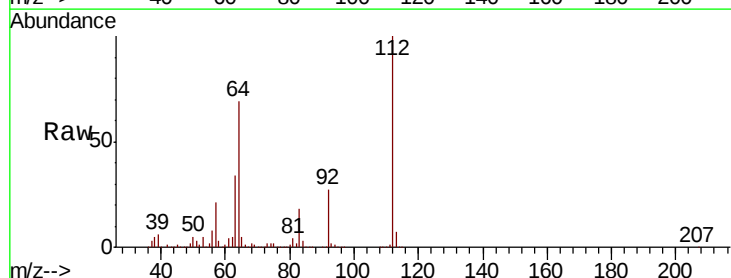
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



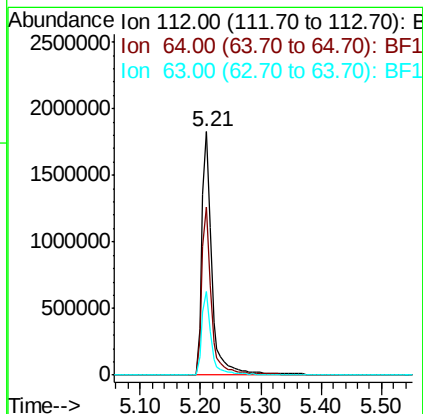
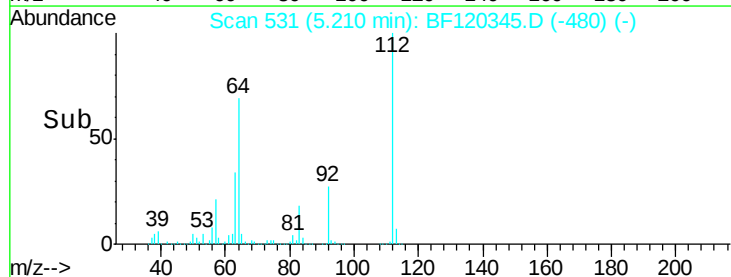
#5

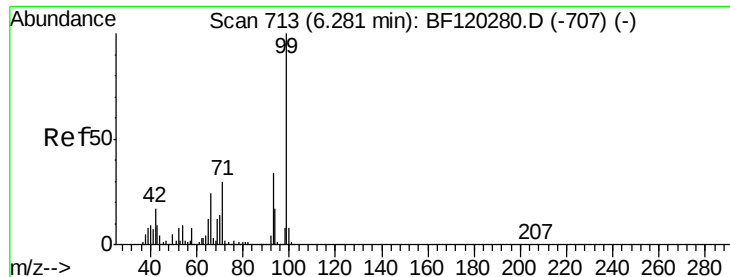
2-Fluorophenol
 Concen: 126.885 ng
 RT: 5.21 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

Tgt Ion:112 Resp: 2129200
 Ion Ratio Lower Upper
 112 100
 64 69.1 52.7 79.1
 63 34.4 26.2 39.4



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: 125.219 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

BNA_F

ClientSampled :

PB128946BL

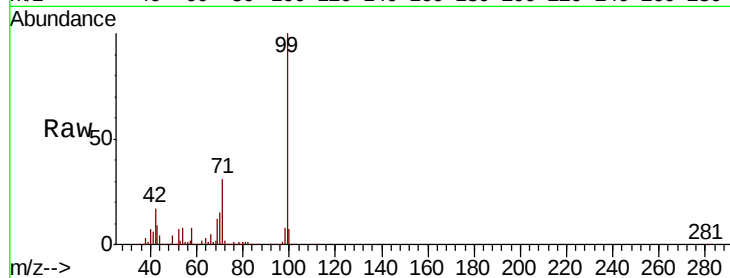
Tot Ion: 99 Resp: 2657231

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

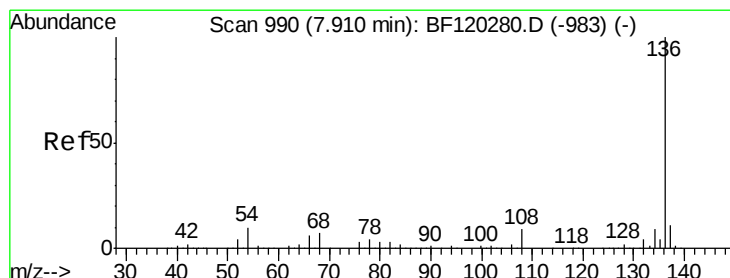
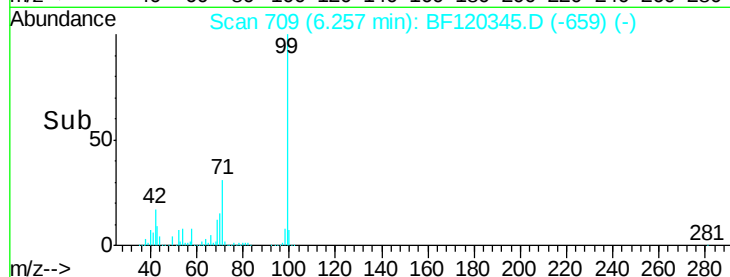
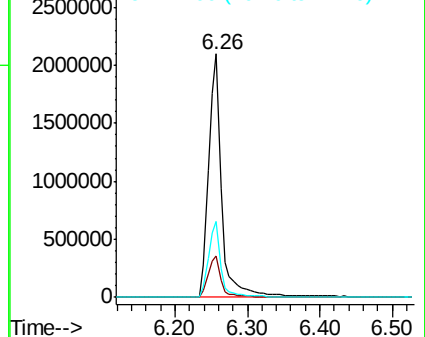
71 31.0 24.2 36.4



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: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Tgt Ion: 136 Resp: 1456433

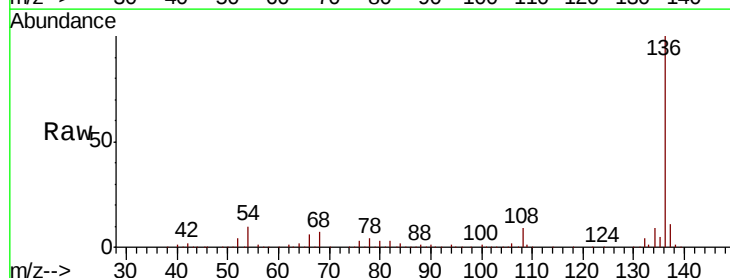
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 9.8 7.9 11.9

68 6.7 5.4 8.2

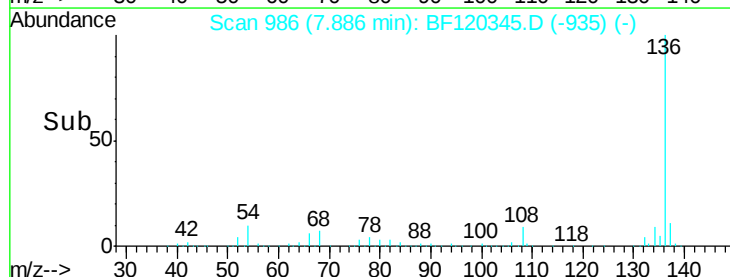
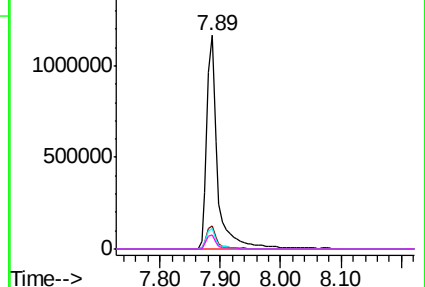


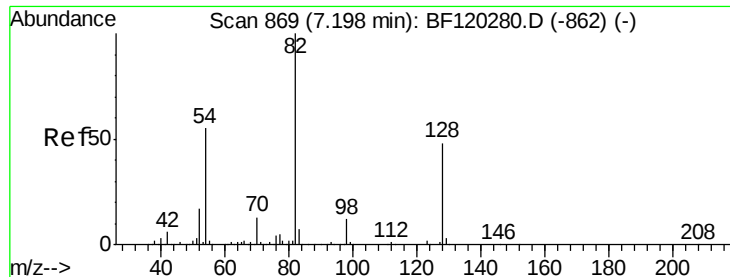
Abundance Ion 136.00 (135.70 to 136.70): E

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

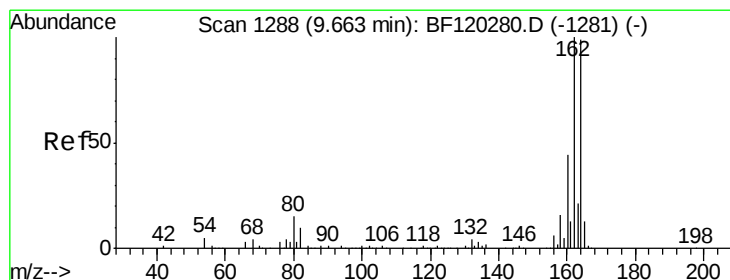
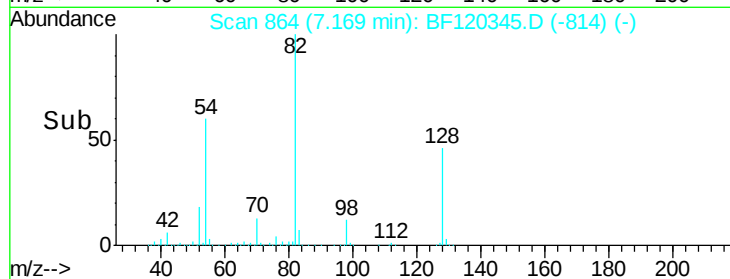
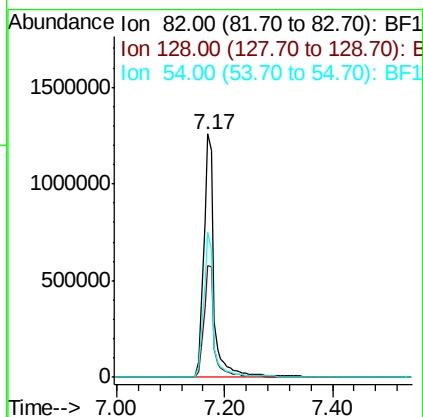
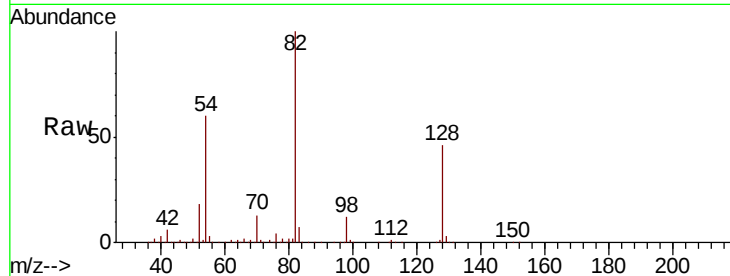




#23
Nitrobenzene-d5
Concen: 78.994 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

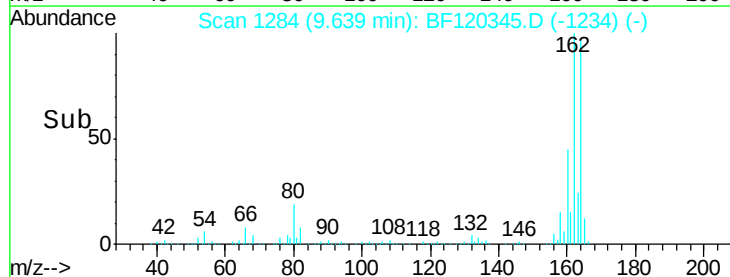
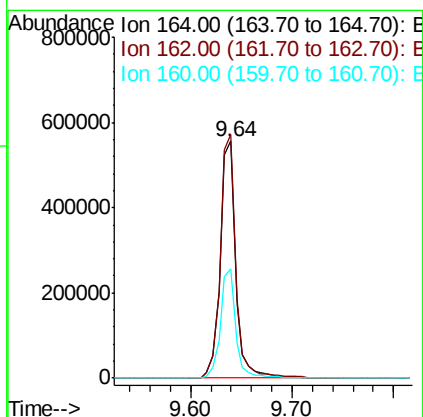
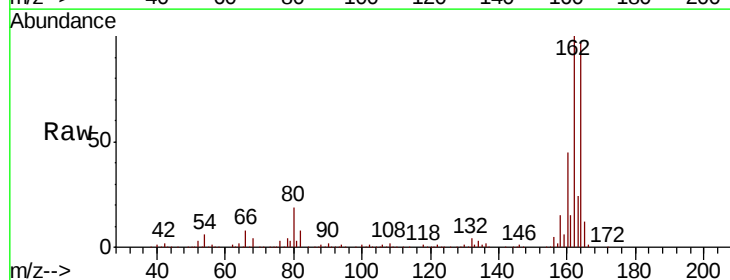
Instrument :
BNA_F
ClientSampleId :
PB128946BL

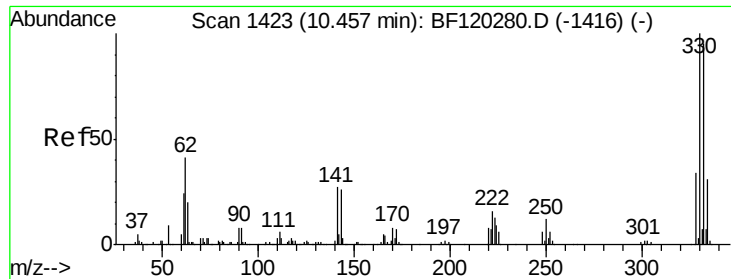
Tot Ion: 82 Resp: 1680380
Ion Ratio Lower Upper
82 100
128 45.8 38.3 57.5
54 59.8 43.9 65.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF120345.D
Acq: 18 May 2020 16:50

Tgt Ion: 164 Resp: 593439
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 46.2 35.8 53.6

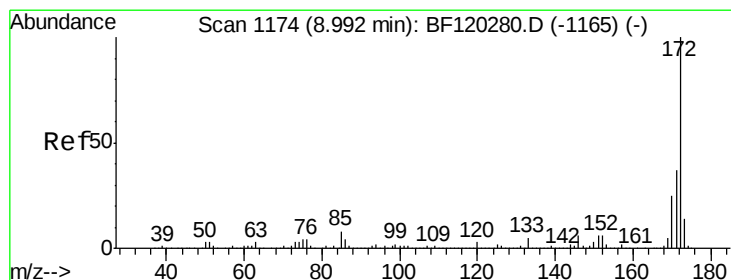
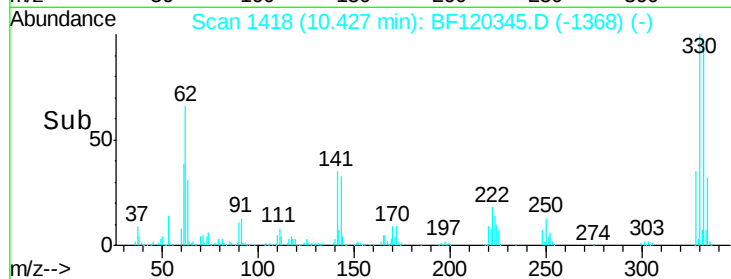
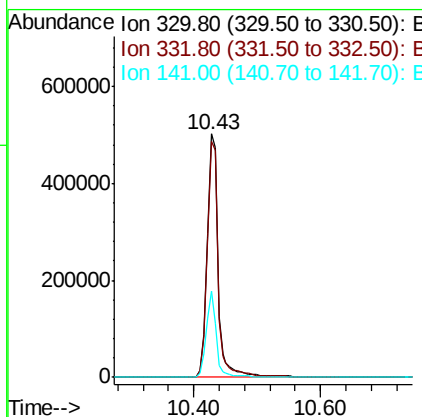
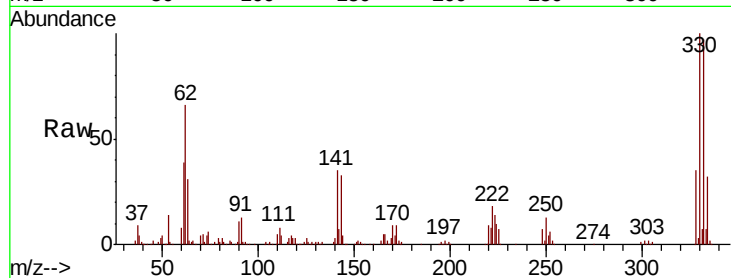




#42
 2,4,6-Tribromophenol
 Concen: 124.801 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

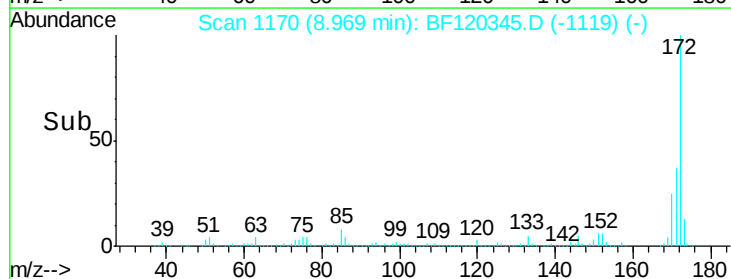
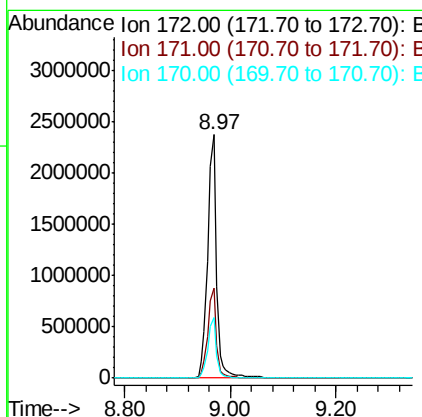
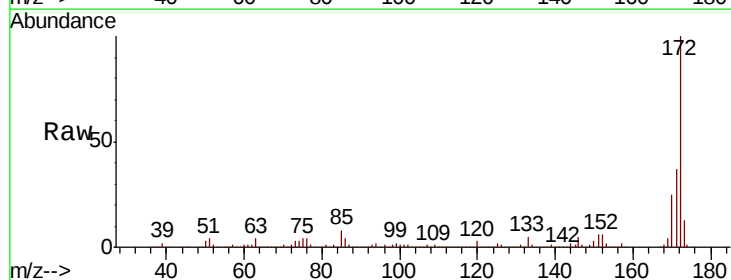
Instrument :
 BNA_F
 ClientSampleId :
 PB128946BL

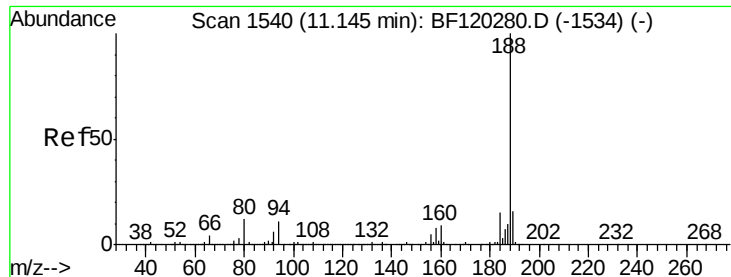
Tot Ion:330 Resp: 603860
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.5 114.7
 141 32.2 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 96.722 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120345.D
 Acq: 18 May 2020 16:50

Tgt Ion:172 Resp: 2793827
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.7 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

BNA_F

ClientSampleId :

PB128946BL

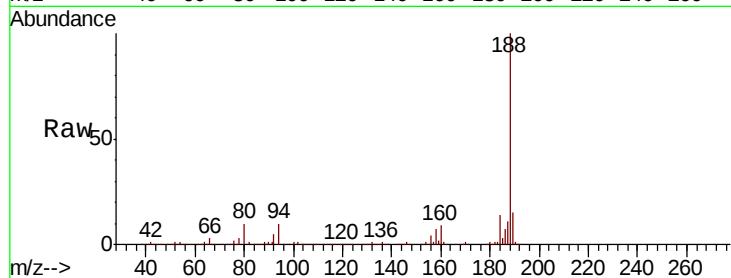
Tot Ion:188 Resp: 1111553

Ion Ratio Lower Upper

188 100

94 9.7 8.6 13.0

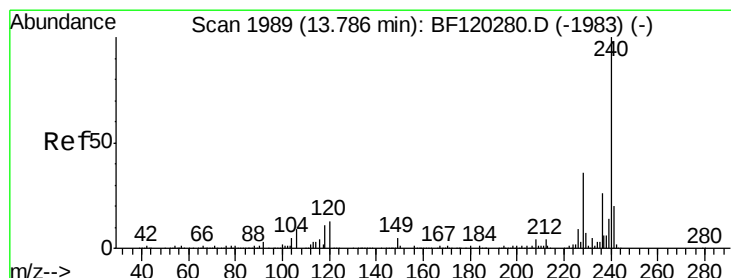
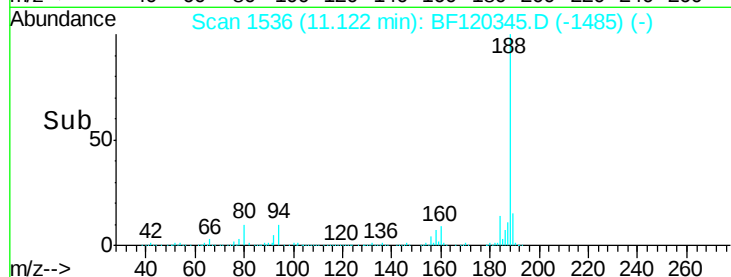
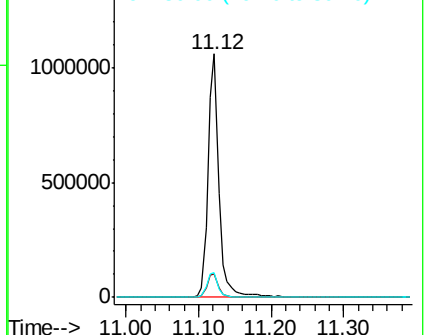
80 10.2 9.2 13.8



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: 13.76 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

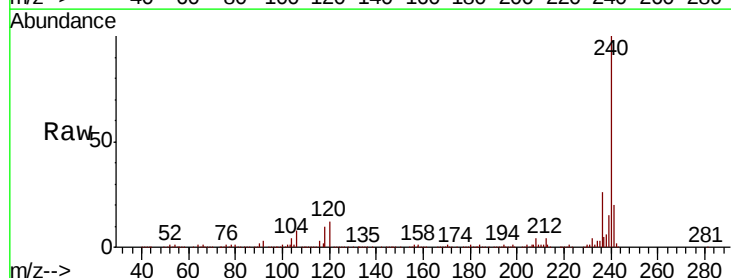
Tgt Ion:240 Resp: 929102

Ion Ratio Lower Upper

240 100

120 11.9 10.4 15.6

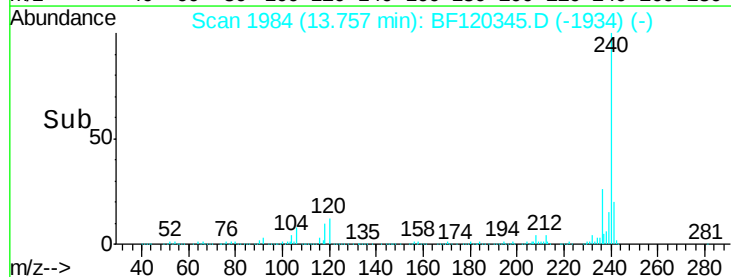
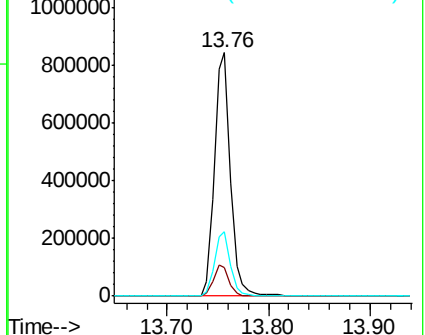
236 26.5 21.0 31.6

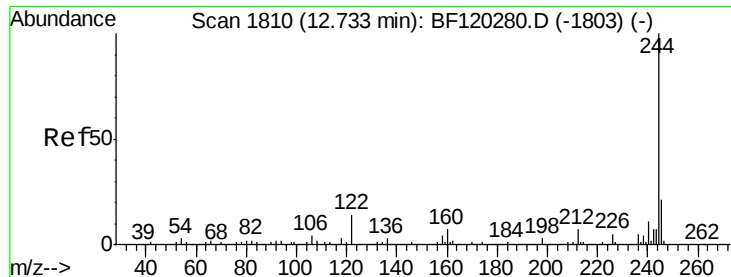


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.368 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

Instrument :

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ClientSampleId :

PB128946BL

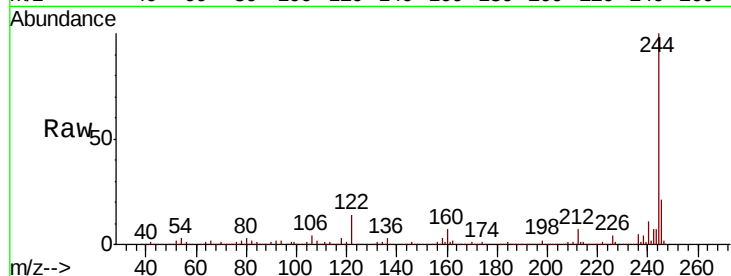
Tot Ion:244 Resp: 3085539

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

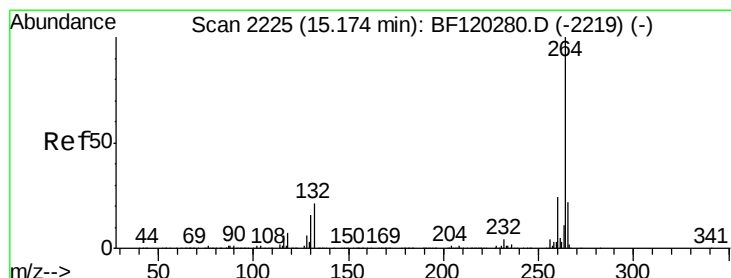
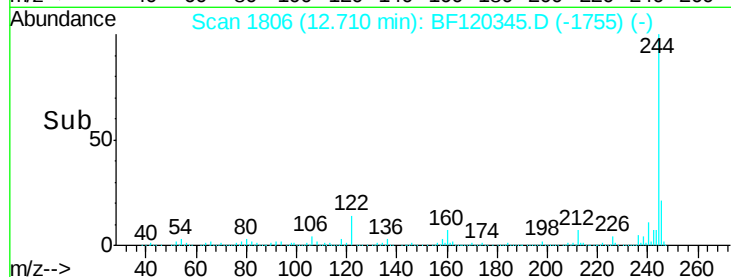
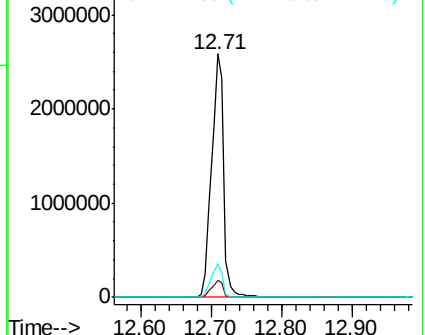
122 13.9 10.8 16.2



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: 15.14 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BF120345.D

Acq: 18 May 2020 16:50

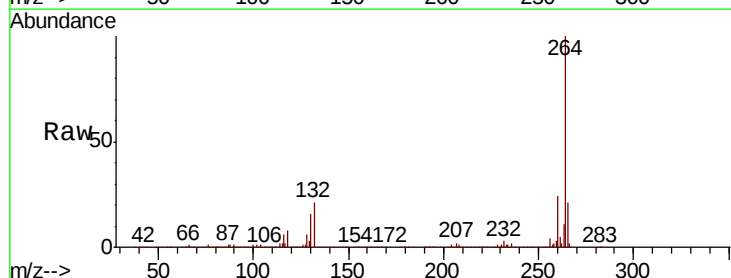
Tgt Ion:264 Resp: 834853

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.1 17.5 26.3



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

