

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120095.D
 Acq On : 20 Apr 2020 23:13
 Operator : MA/SJ
 Sample : L2314-10 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-6-1

Quant Time: Apr 21 04:28:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	135786	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	507205	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	273981	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	427248	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	346941	20.00	ng	-0.02
87) Perylene-d12	15.30	264	254549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	104216	13.26	ng	0.00
7) Phenol-d6	6.35	99	123553	12.20	ng	-0.02
23) Nitrobenzene-d5	7.27	82	86757	8.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	31109	9.27	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	173764	9.00	ng	-0.01
79) Terphenyl-d14	12.83	244	167491	8.12	ng	-0.02

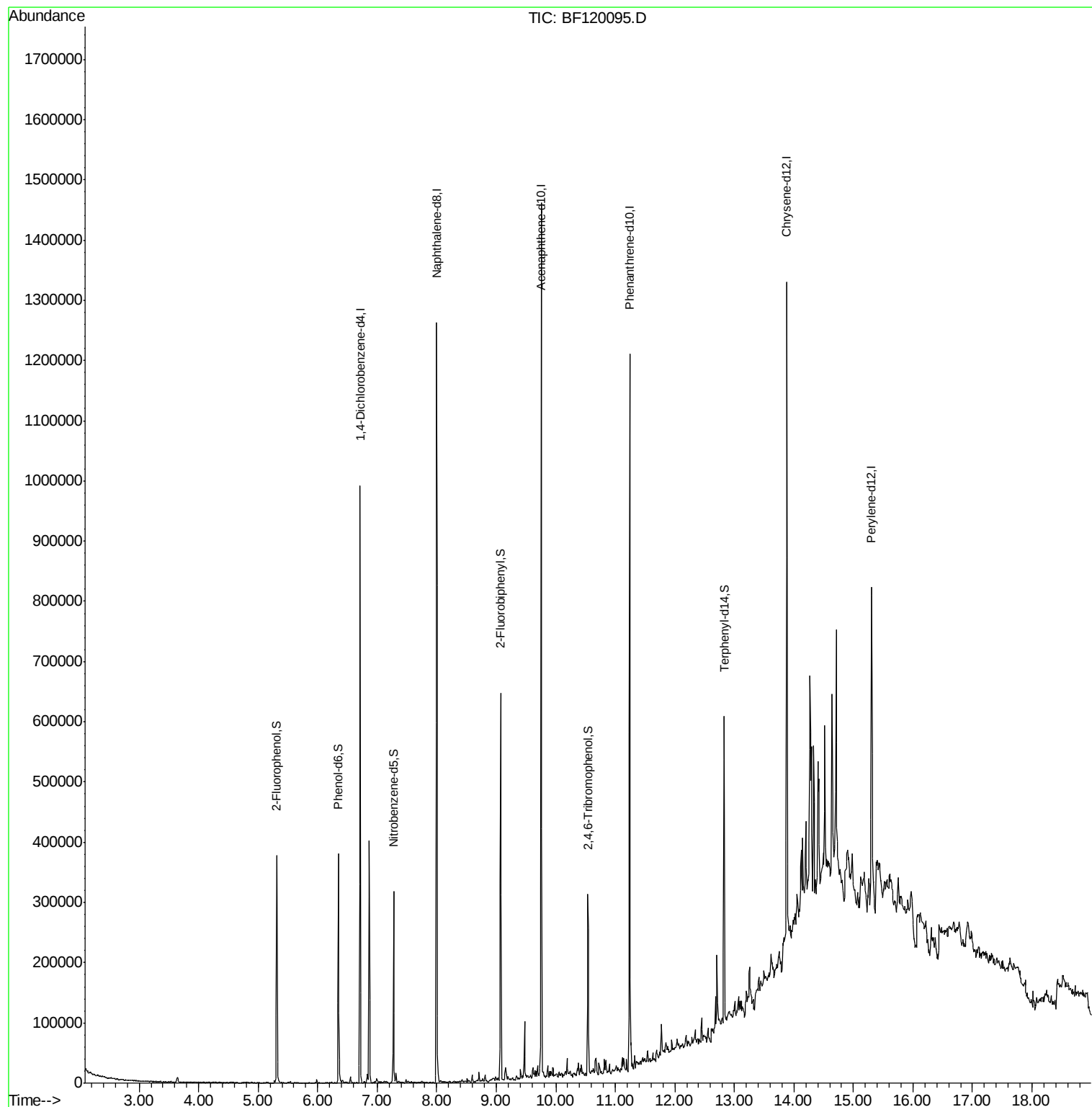
Target Compounds Qvalue

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

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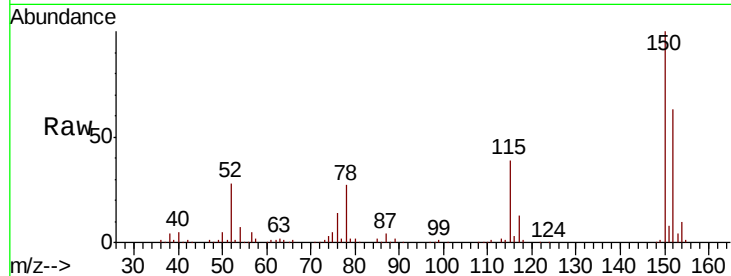


#1

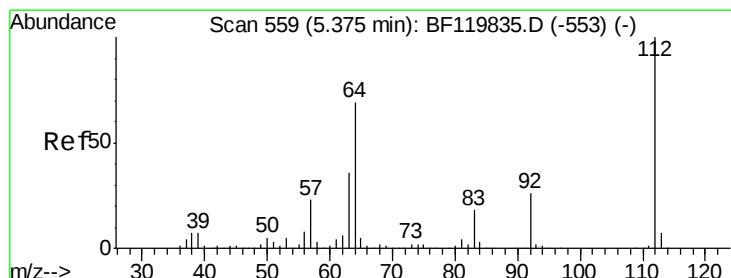
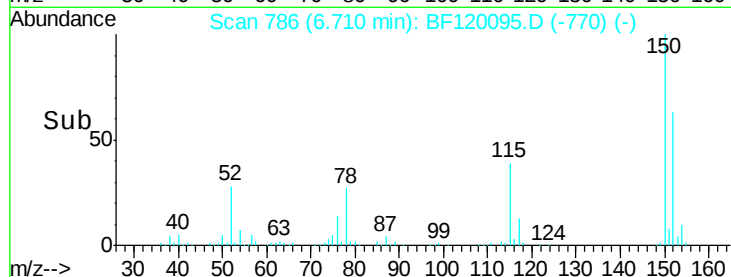
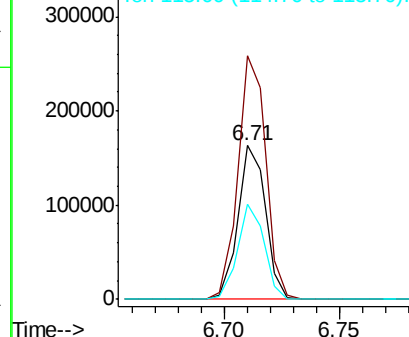
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Instrument :
BNA_F
ClientSampleId :
WB-6-1

Tot Ion:152 Resp: 135786
Ion Ratio Lower Upper
152 100
150 158.7 124.8 187.2
115 61.9 46.5 69.7



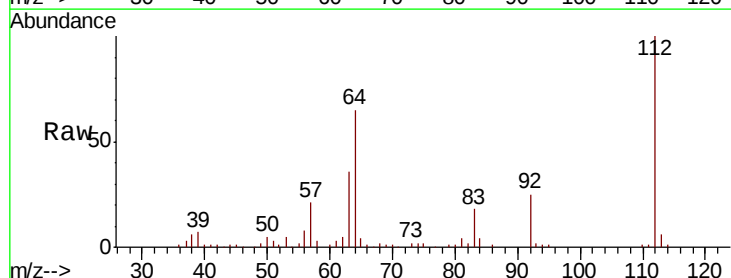
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



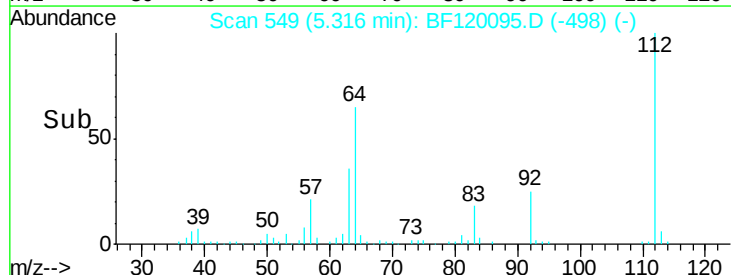
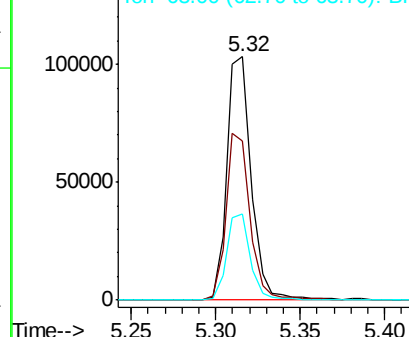
#5

2-Fluorophenol
Concen: 13.264 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF120095.D
Acq: 20 Apr 2020 23:13

Tgt Ion:112 Resp: 104216
Ion Ratio Lower Upper
112 100
64 65.3 55.5 83.3
63 35.5 29.1 43.7



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: 12.204 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Instrument :

BNA_F

ClientSampleId :

WB-6-1

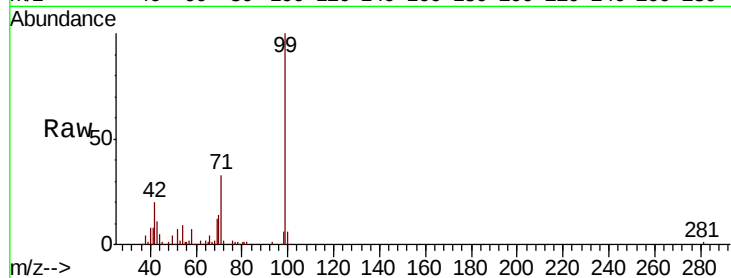
Tot Ion: 99 Resp: 123553

Ion Ratio Lower Upper

99 100

42 20.2 16.9 25.3

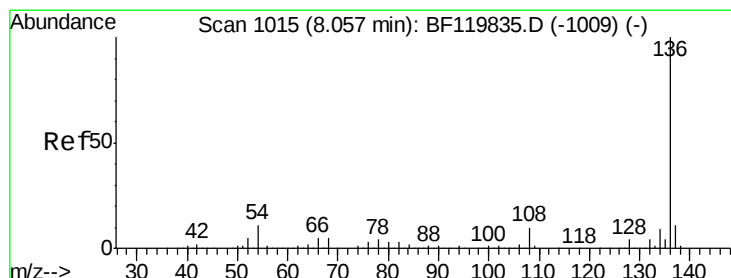
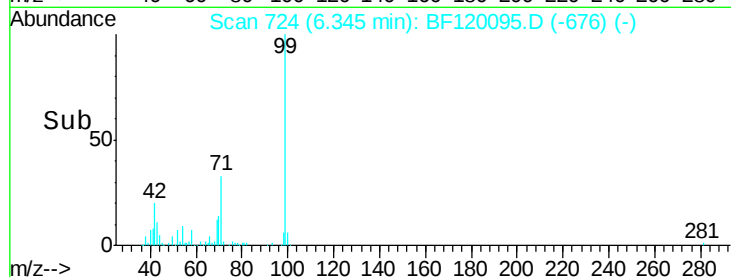
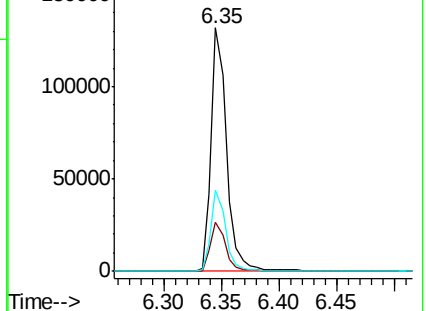
71 33.2 26.3 39.5



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: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Tgt Ion: 136 Resp: 507205

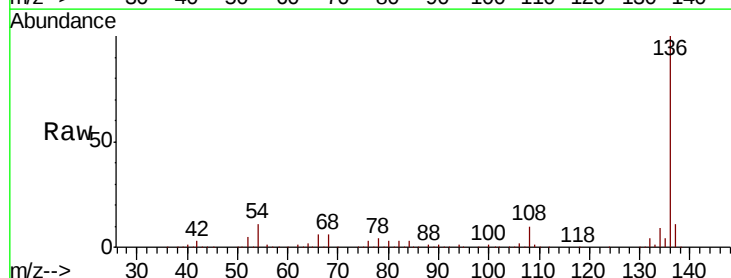
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 10.8 8.5 12.7

68 5.7 3.9 5.9

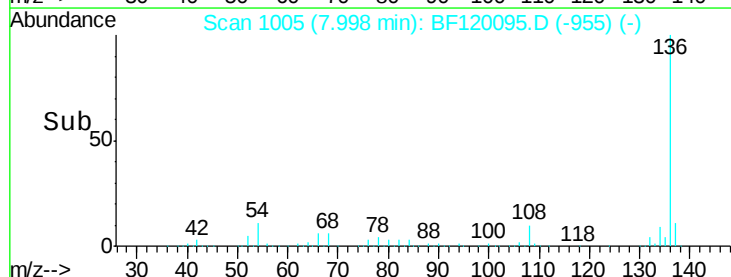
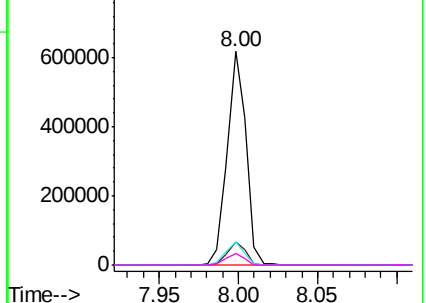


Abundance Ion 136.00 (135.70 to 136.70): E

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

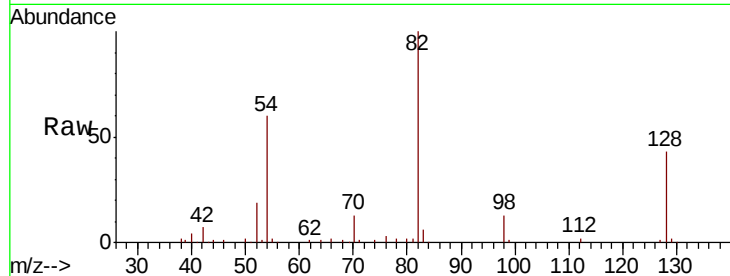




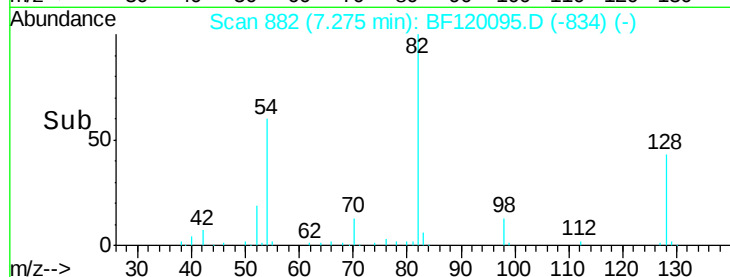
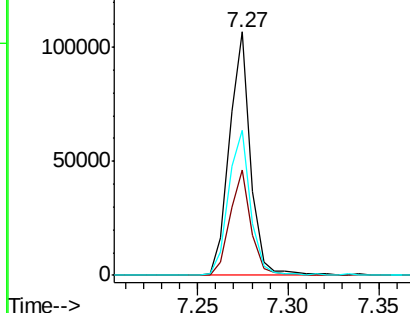
#23
 Nitrobenzene-d5
 Concen: 8.849 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

Instrument :
 BNA_F
 ClientSampleId :
 WB-6-1

Tot Ion	82	Resp	86757
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.2	54.4
54	59.7	50.4	75.6

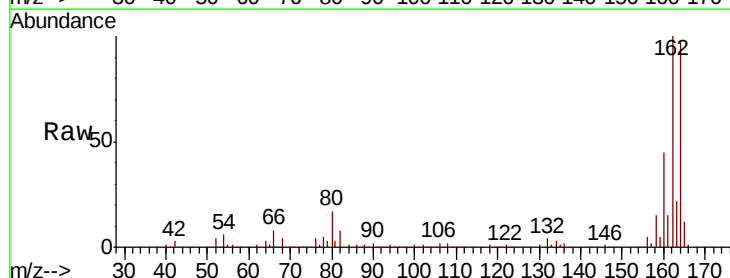


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

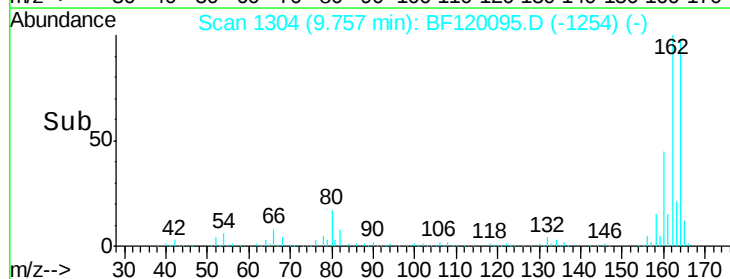
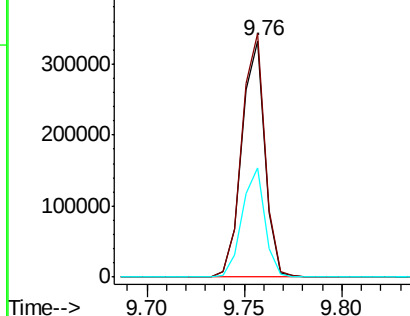


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

Tgt Ion	164	Resp	273981
Ion Ratio	Lower	Upper	
164	100		
162	103.0	81.9	122.9
160	46.2	36.6	54.8



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

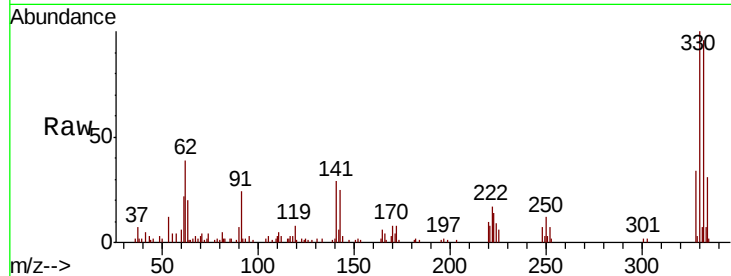




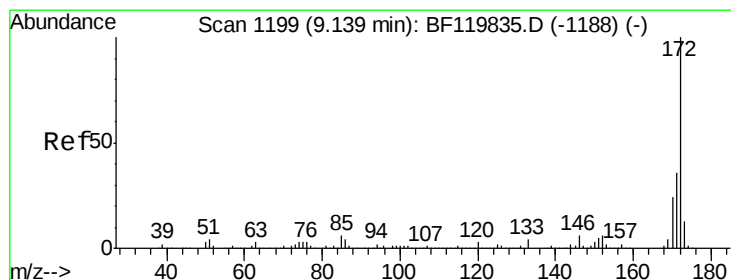
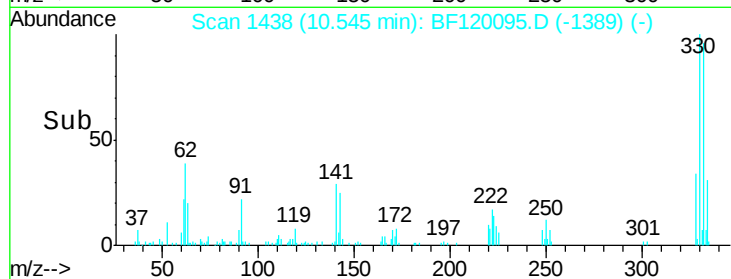
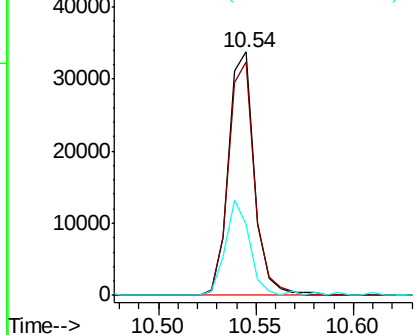
#42
 2,4,6-Tribromophenol
 Concen: 9.274 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

Instrument :
 BNA_F
 ClientSampleId :
 WB-6-1

Tot Ion:330 Resp: 31109
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 36.2 25.1 37.7

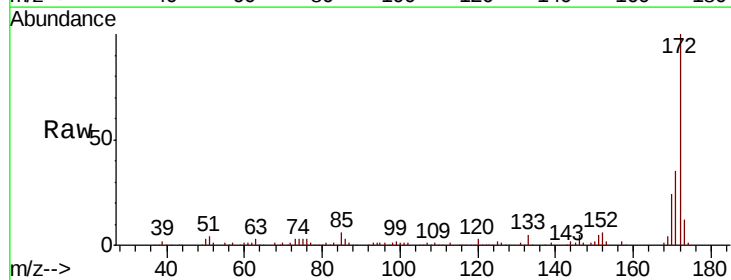


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

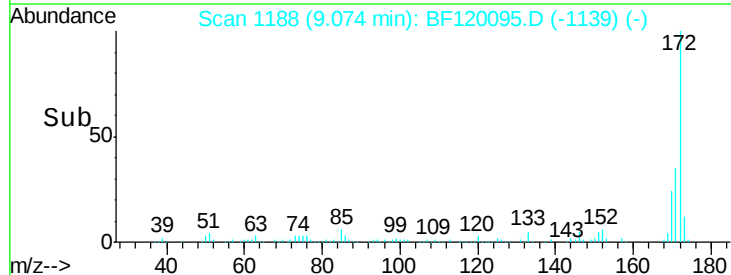
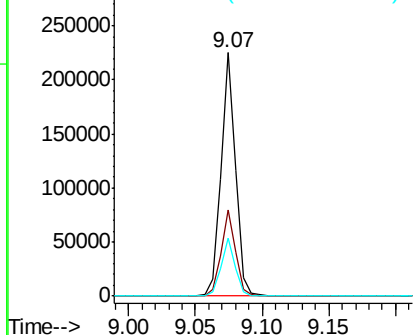


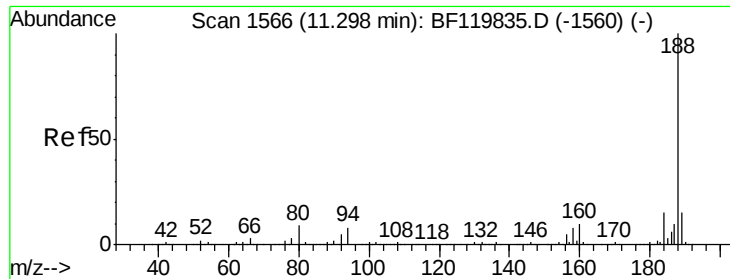
#45
 2-Fluorobiphenyl
 Concen: 9.005 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF120095.D
 Acq: 20 Apr 2020 23:13

Tgt Ion:172 Resp: 173764
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.9 43.3
 170 23.9 19.4 29.2



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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Instrument :

BNA_F

ClientSampleId :

WB-6-1

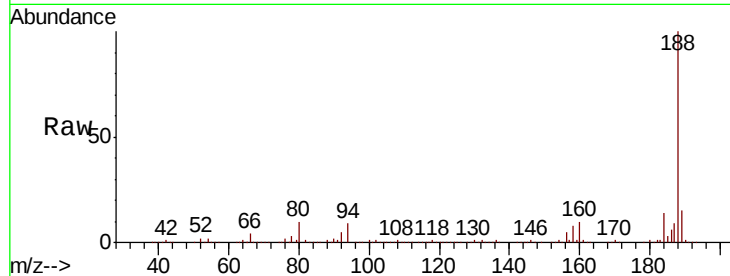
Tot Ion:188 Resp: 427248

Ion Ratio Lower Upper

188 100

94 8.8 6.7 10.1

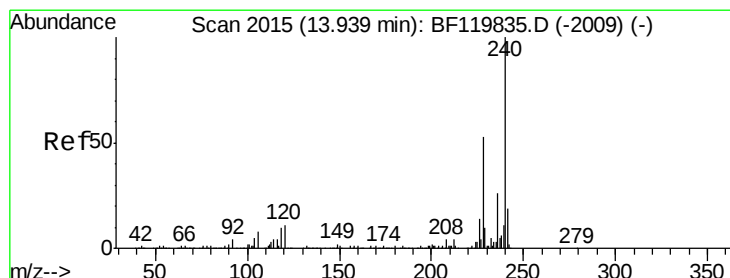
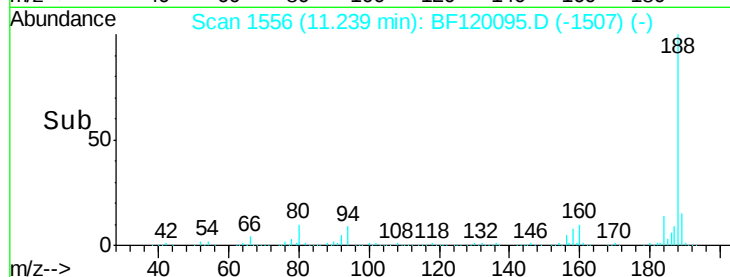
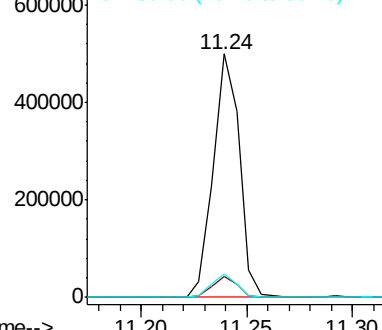
80 9.8 7.4 11.2



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

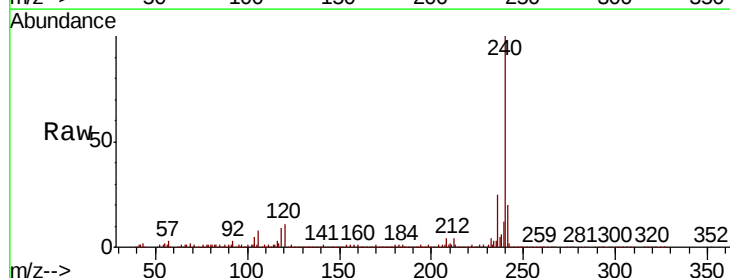
Tgt Ion:240 Resp: 346941

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

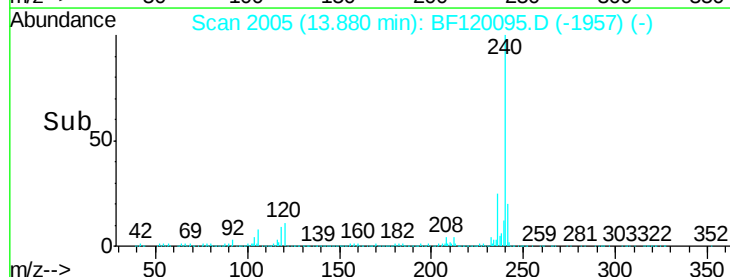
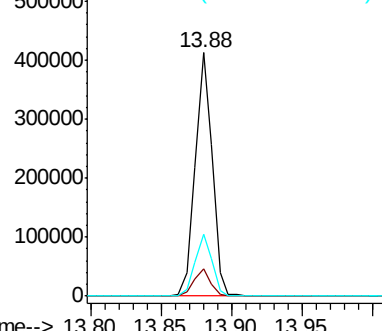
236 25.4 20.7 31.1

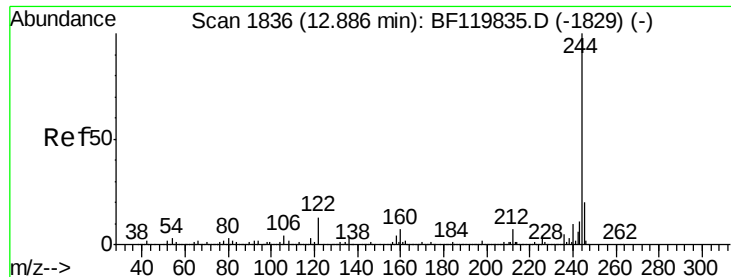


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 8.123 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

Instrument :

BNA_F

ClientSampleId :

WB-6-1

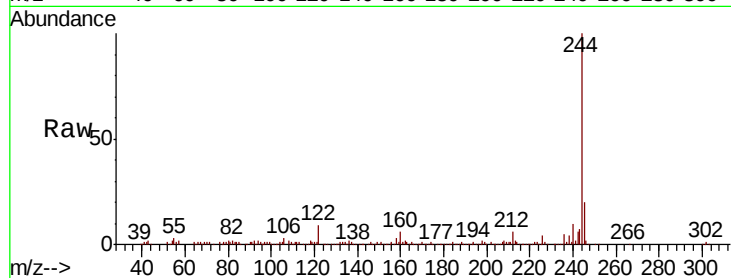
Tot Ion:244 Resp: 167491

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

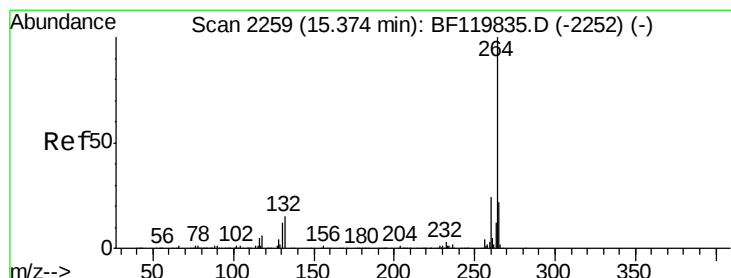
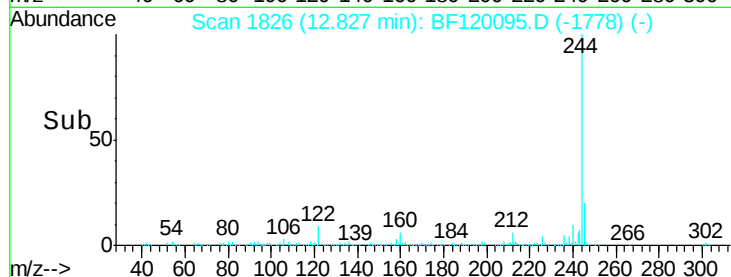
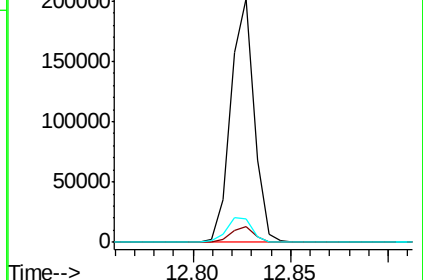
122 9.5 10.3 15.5#



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: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF120095.D

Acq: 20 Apr 2020 23:13

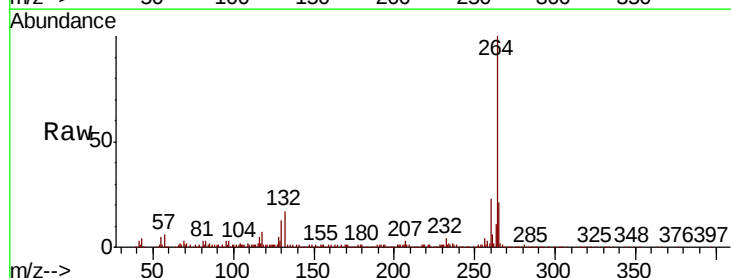
Tgt Ion:264 Resp: 254549

Ion Ratio Lower Upper

264 100

260 22.5 19.3 28.9

265 20.7 17.6 26.4



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

