

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119944.D
 Acq On : 14 Apr 2020 9:20
 Operator : MA/SJ
 Sample : L2229-40
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Apr 14 12:18:19 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 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	205699	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	794560	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	424975	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	866393	20.00	ng	-0.01
76) Chrysene-d12	13.90	240	630416	20.00	ng	-0.01
87) Perylene-d12	15.32	264	458144	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1626574	136.66	ng	0.02
7) Phenol-d6	6.37	99	1924534	125.48	ng	0.00
23) Nitrobenzene-d5	7.30	82	1364413	88.84	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	719325	138.25	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2544392	85.00	ng	-0.01
79) Terphenyl-d14	12.86	244	3229036	86.19	ng	0.00

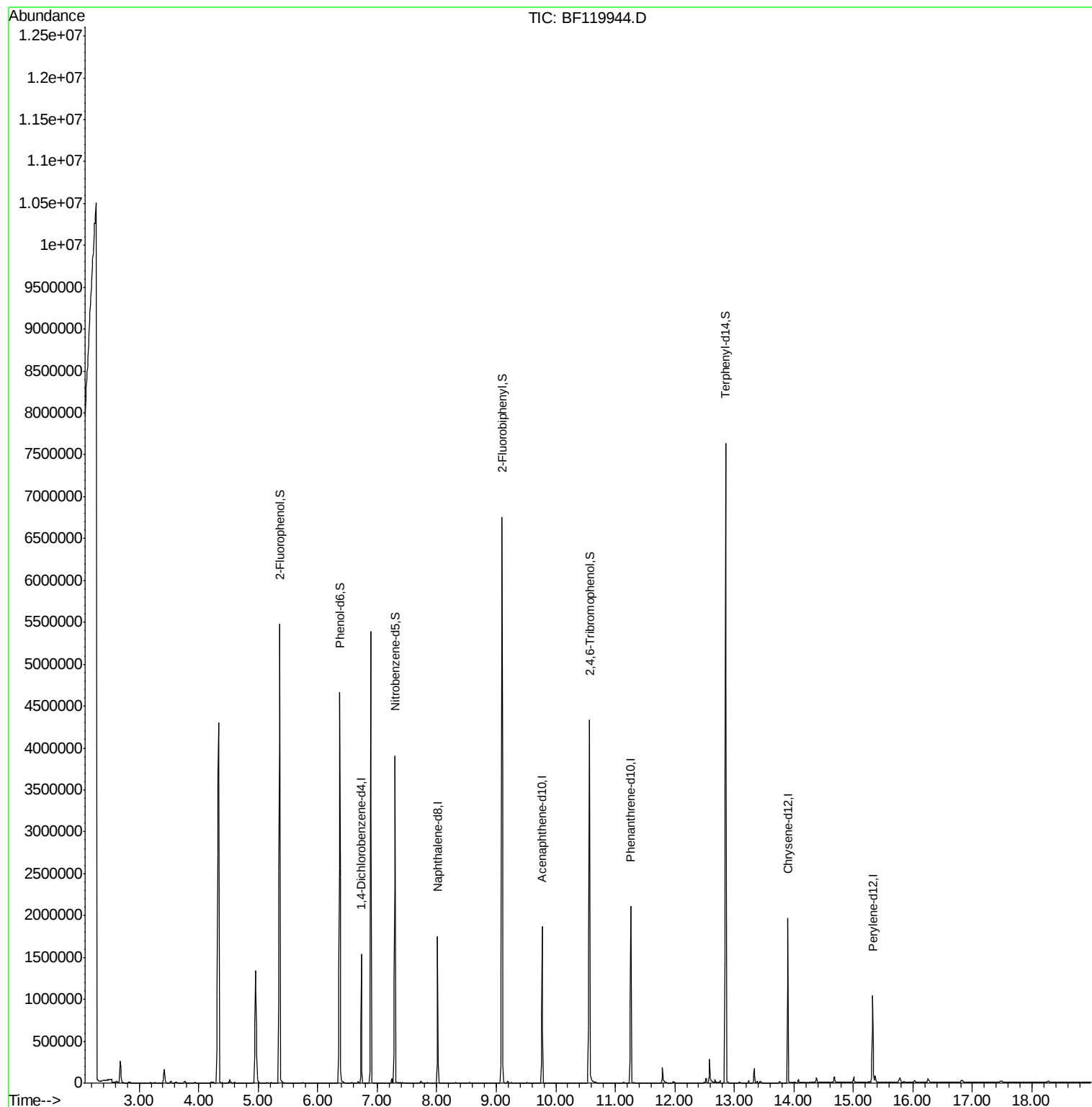
Target Compounds Qvalue

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

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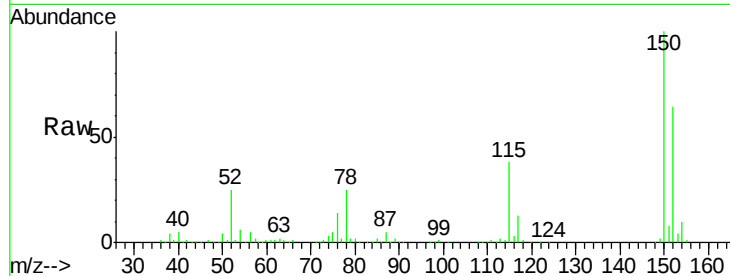


#1

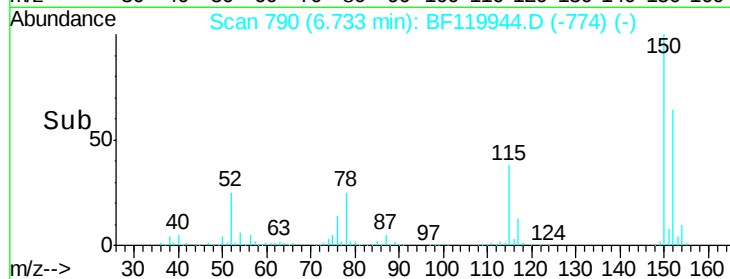
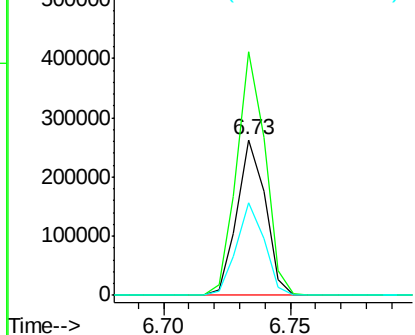
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119944.D
 Acq: 14 Apr 2020 9:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion:152 Resp: 205699
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 59.4 46.5 69.7



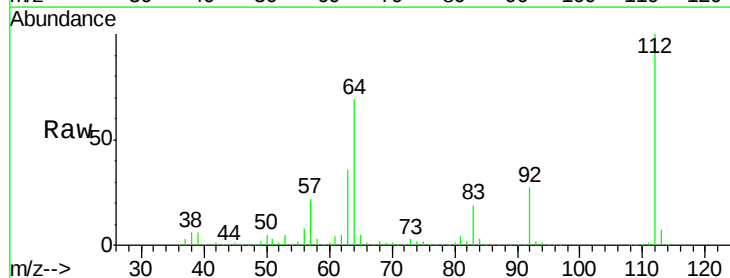
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



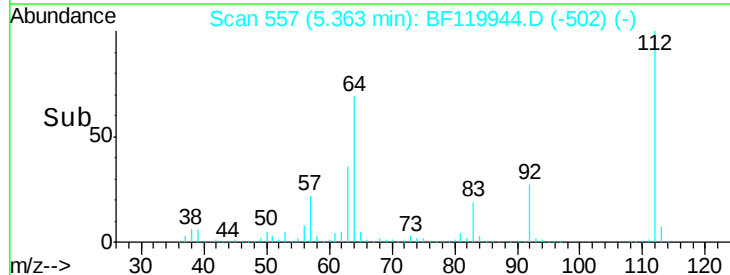
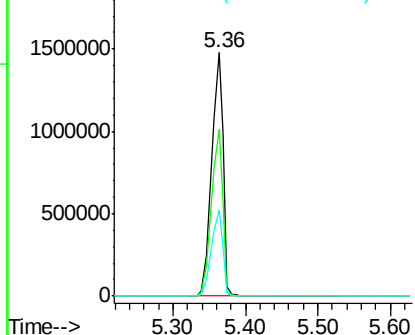
#5

2-Fluorophenol
 Concen: 136.657 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF119944.D
 Acq: 14 Apr 2020 9:20

Tgt Ion:112 Resp: 1626574
 Ion Ratio Lower Upper
 112 100
 64 68.6 55.5 83.3
 63 35.6 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: 125.482 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119944.D

Acq: 14 Apr 2020 9:20

Instrument :

BNA_F

ClientSampleId :

TP-10

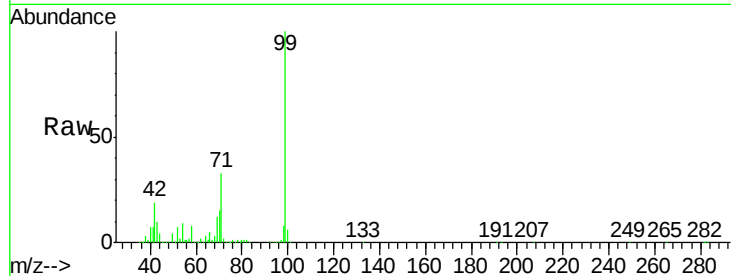
Tot Ion: 99 Resp: 1924534

Ion Ratio Lower Upper

99 100

42 19.1 16.9 25.3

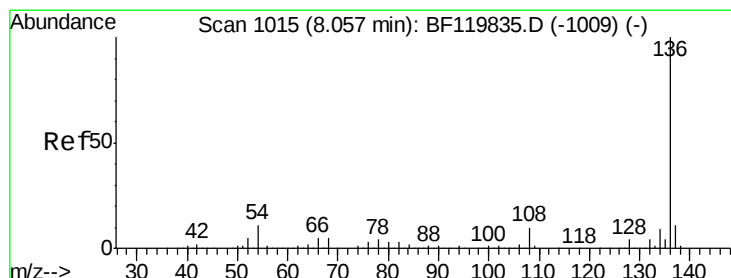
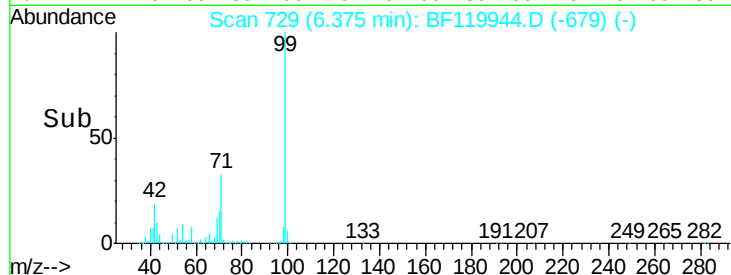
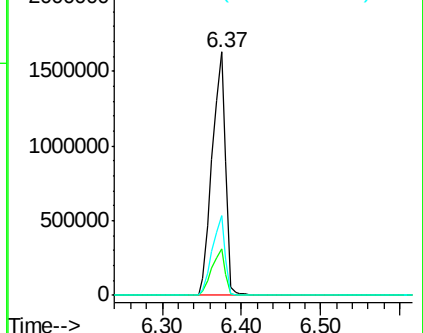
71 32.8 26.3 39.5



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: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119944.D

Acq: 14 Apr 2020 9:20

Tgt Ion: 136 Resp: 794560

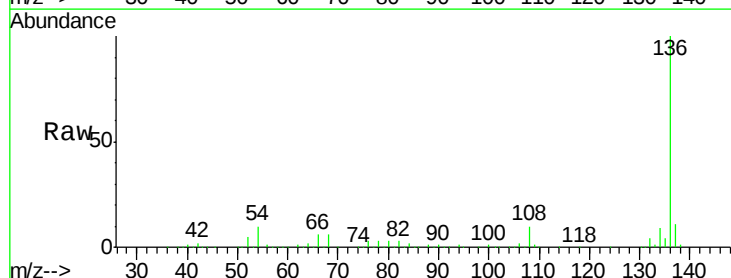
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.3 8.5 12.7

68 5.9 3.9 5.9#

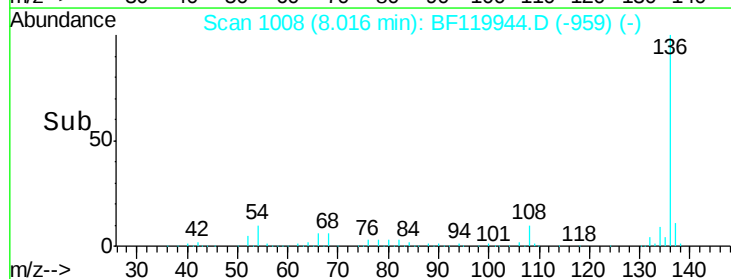
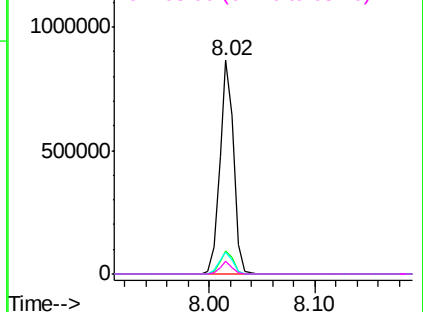


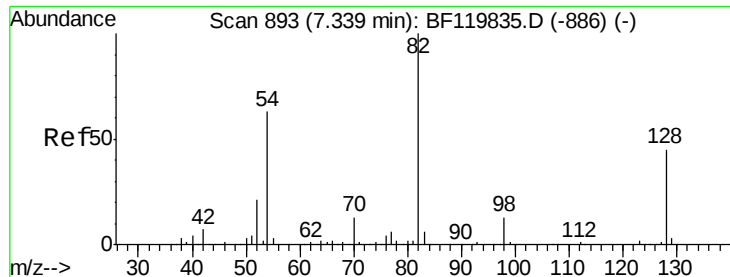
Abundance Ion 136.00 (135.70 to 136.70): E

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



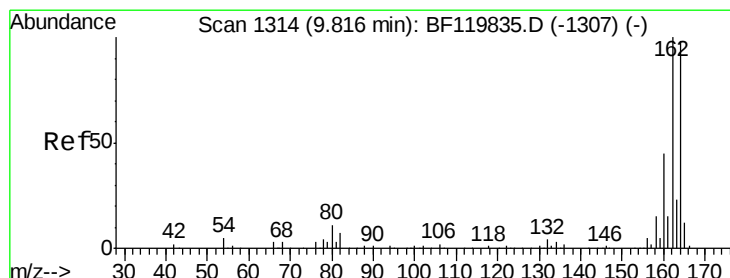
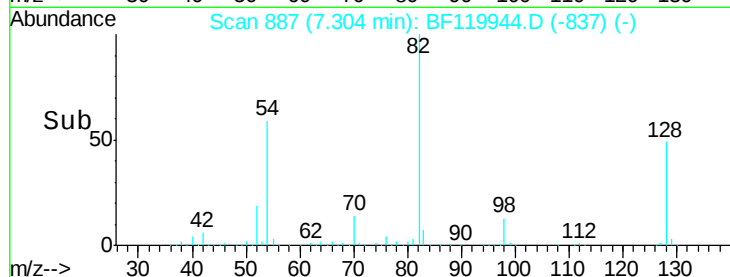
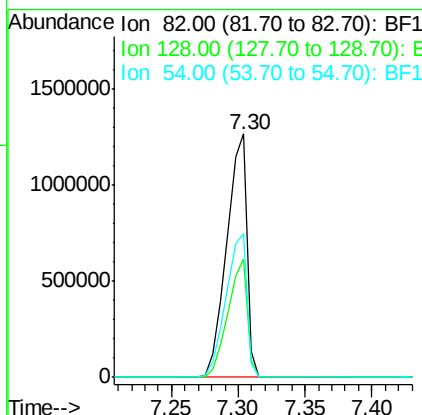
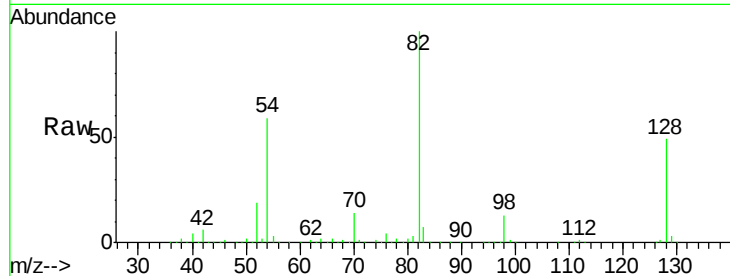


#23
 Nitrobenzene-d5
 Concen: 88.837 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119944.D
 Acq: 14 Apr 2020 9:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion: 82 Resp: 1364413

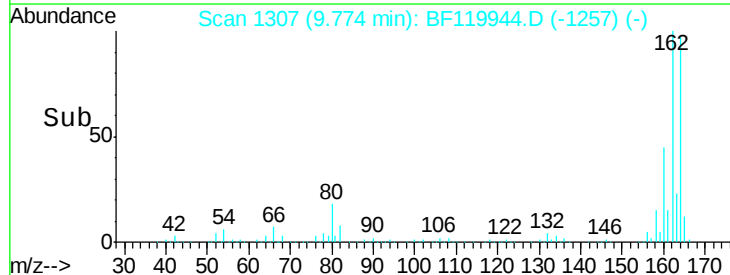
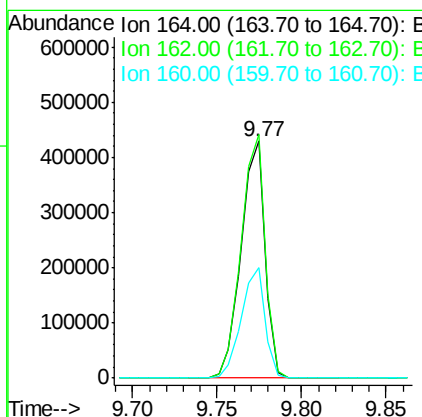
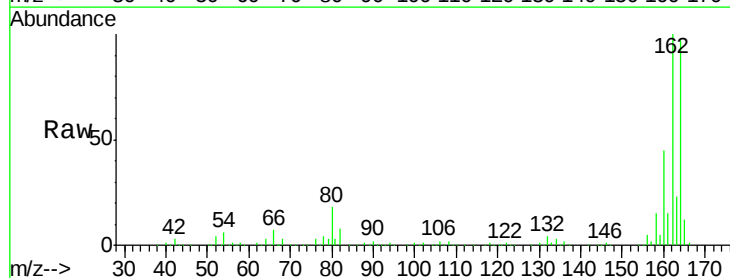
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.2	54.4
54	59.2	50.4	75.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119944.D
 Acq: 14 Apr 2020 9:20

Tgt Ion:164 Resp: 424975

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	46.7	36.6	54.8

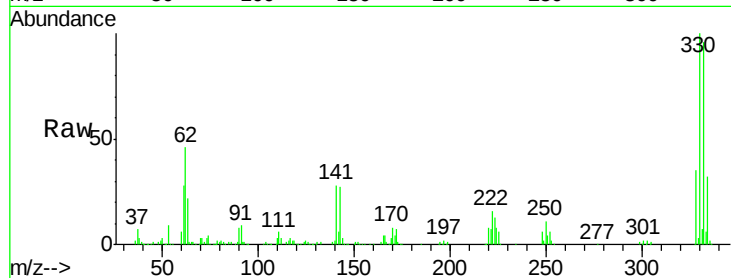




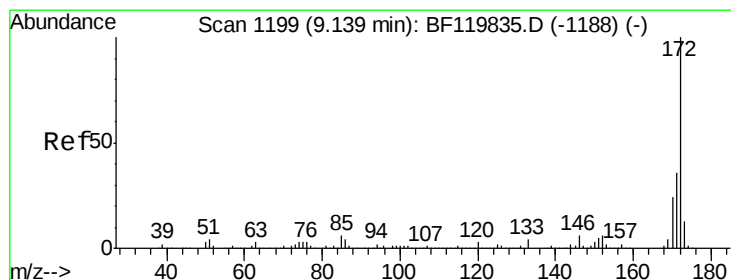
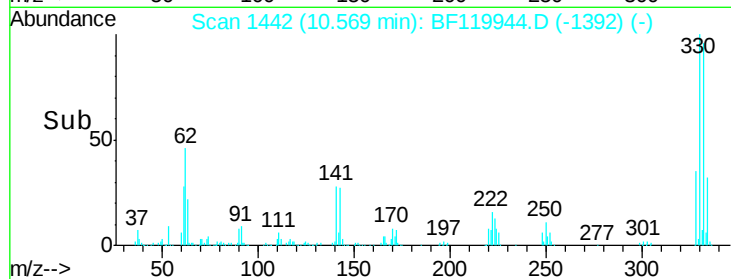
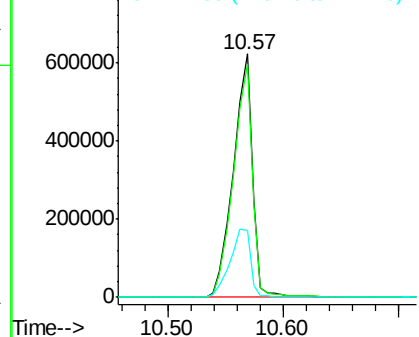
#42
 2,4,6-Tribromophenol
 Concen: 138.248 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119944.D
 Acq: 14 Apr 2020 9:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	30.6	25.1	37.7

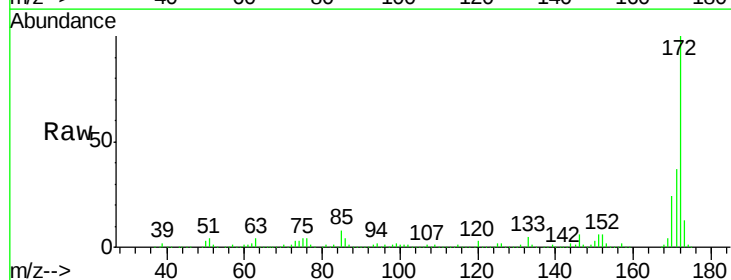


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

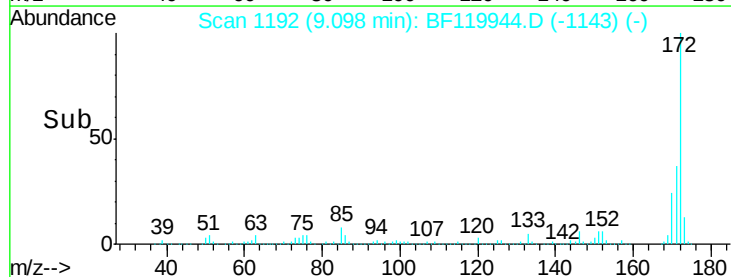
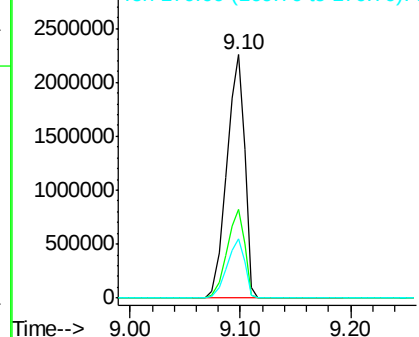


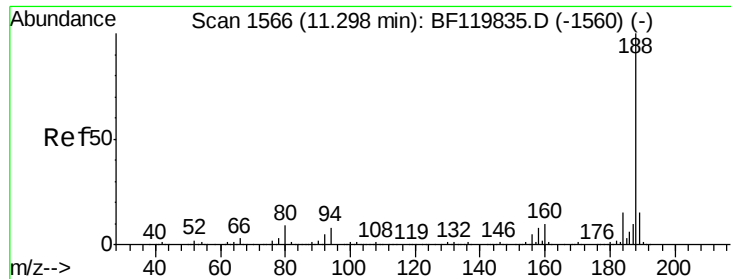
#45
 2-Fluorobiphenyl
 Concen: 85.005 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119944.D
 Acq: 14 Apr 2020 9:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.5	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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119944.D

Acq: 14 Apr 2020 9:20

Instrument :

BNA_F

ClientSampled :

TP-10

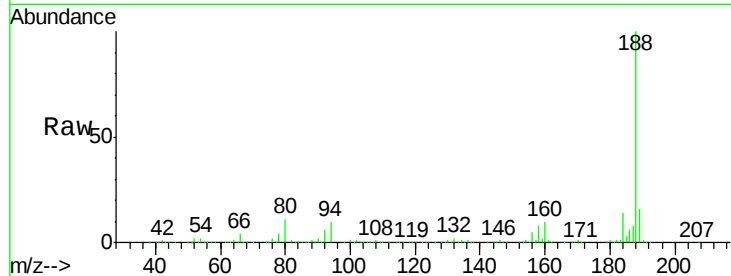
Tot Ion:188 Resp: 866393

Ion Ratio Lower Upper

188 100

94 10.2 6.7 10.1#

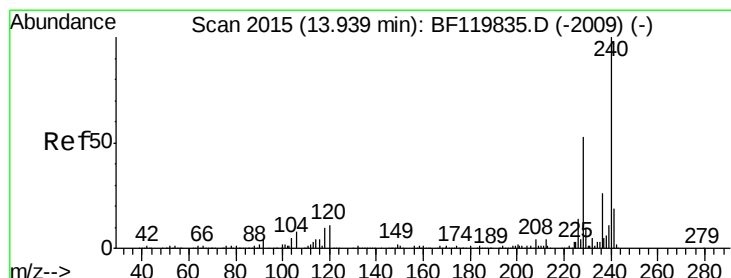
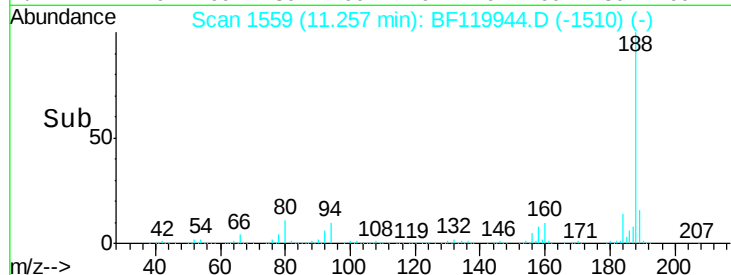
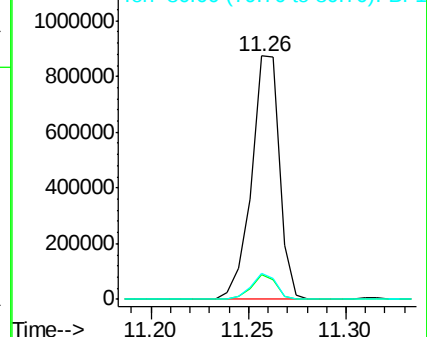
80 10.8 7.4 11.2



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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119944.D

Acq: 14 Apr 2020 9:20

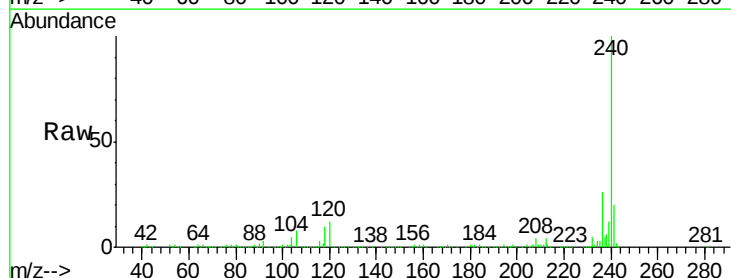
Tgt Ion:240 Resp: 630416

Ion Ratio Lower Upper

240 100

120 11.7 9.0 13.6

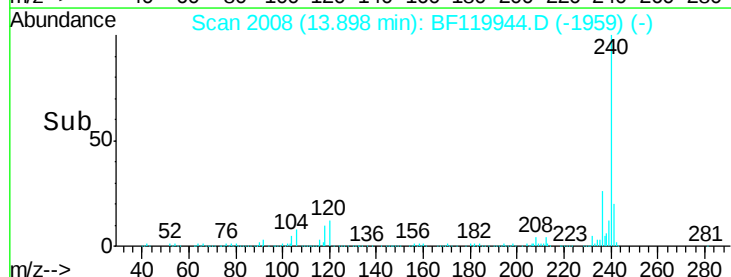
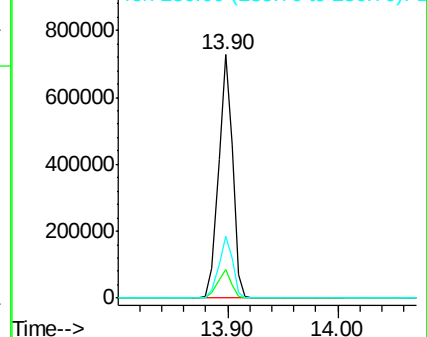
236 25.5 20.7 31.1

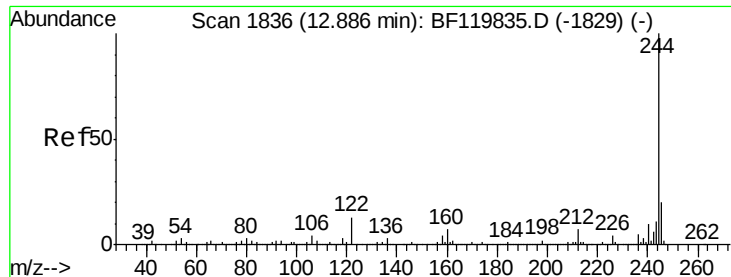


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.187 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119944.D

Acq: 14 Apr 2020 9:20

Instrument :

BNA_F

ClientSampleId :

TP-10

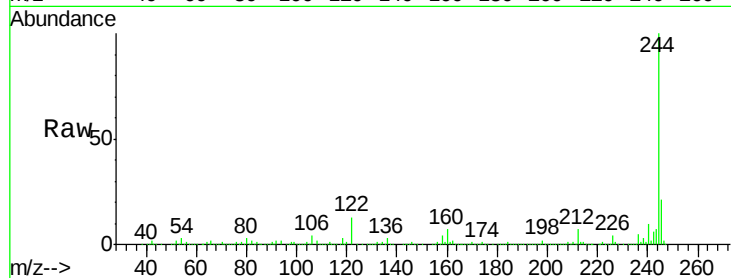
Tot Ion:244 Resp: 3229036

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

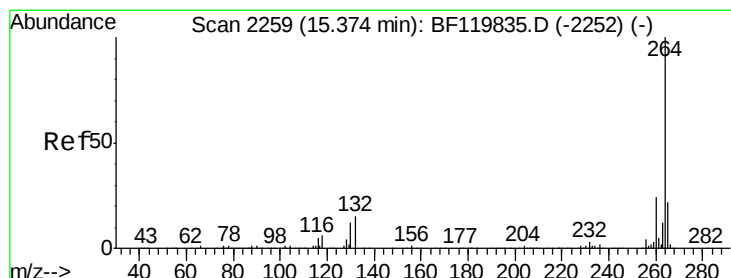
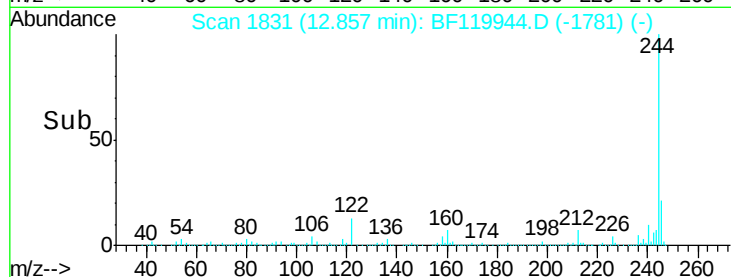
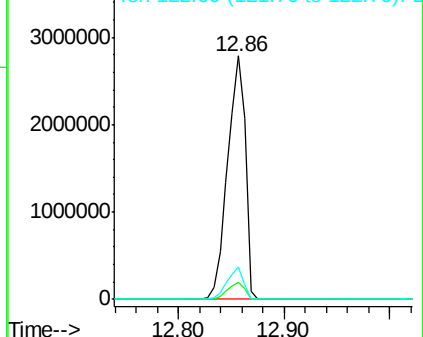
122 13.3 10.3 15.5



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: 15.32 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BF119944.D

Acq: 14 Apr 2020 9:20

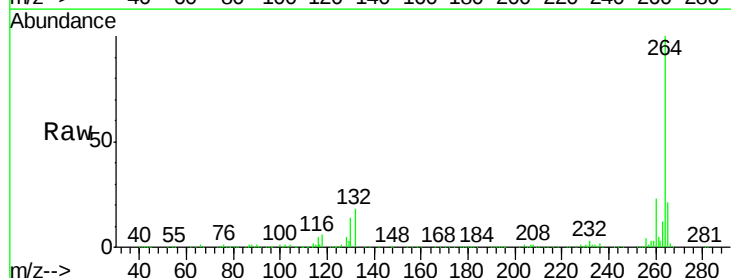
Tgt Ion:264 Resp: 458144

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.4 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

