

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119935.D
 Acq On : 14 Apr 2020 5:17
 Operator : MA/SJ
 Sample : PB128182TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

Quant Time: Apr 14 07:04:51 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	213959	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	831826	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	440045	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	905944	20.00	ng	-0.01
76) Chrysene-d12	13.90	240	713873	20.00	ng	-0.01
87) Perylene-d12	15.33	264	630360	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1666745	134.63	ng	0.02
7) Phenol-d6	6.37	99	2103133	131.83	ng	0.00
23) Nitrobenzene-d5	7.30	82	1332874	82.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	621802	115.41	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2509280	80.96	ng	-0.01
79) Terphenyl-d14	12.86	244	3098688	73.04	ng	0.00

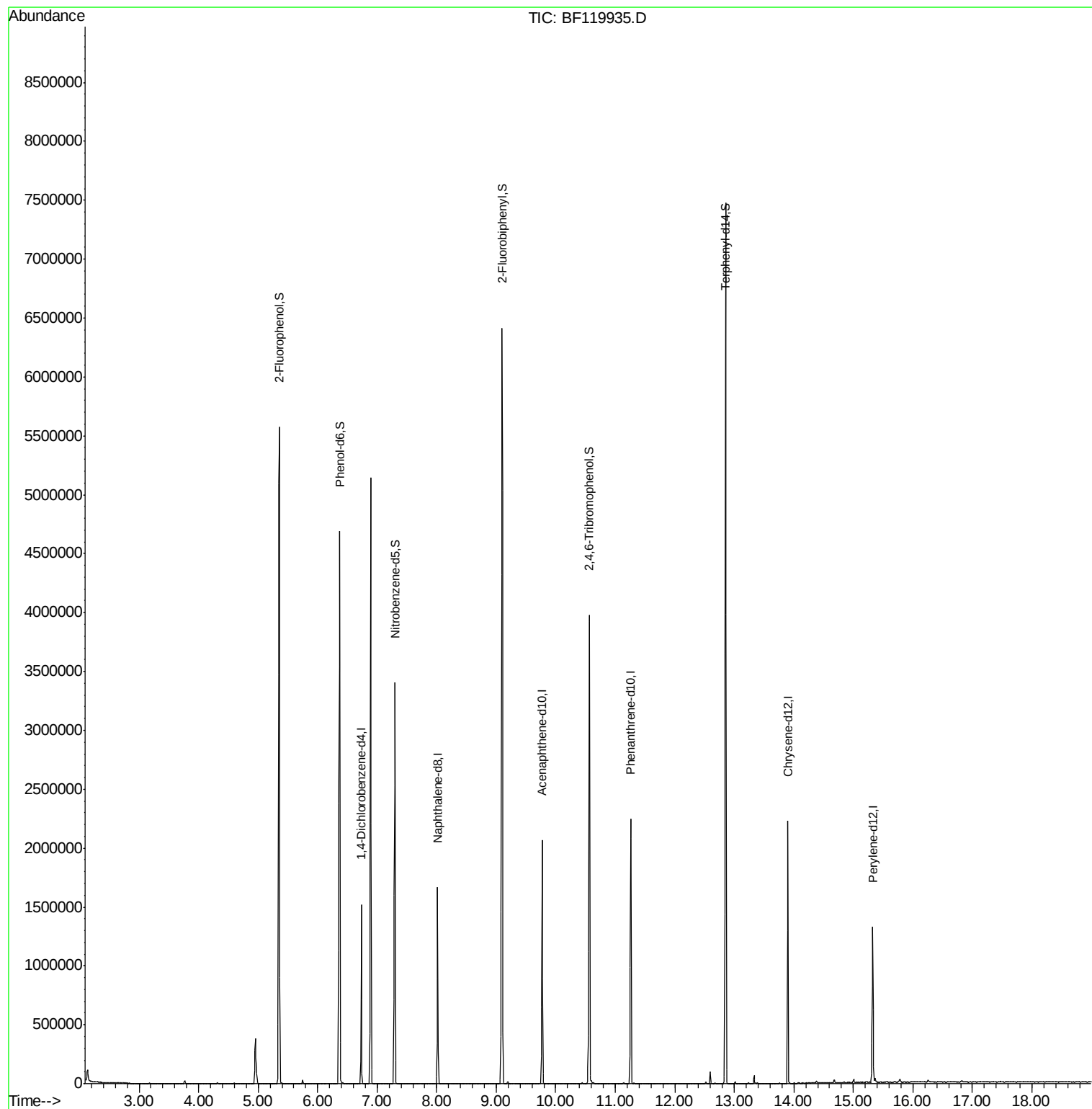
Target Compounds Qvalue

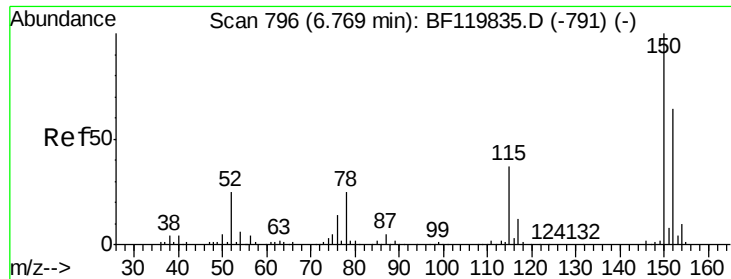
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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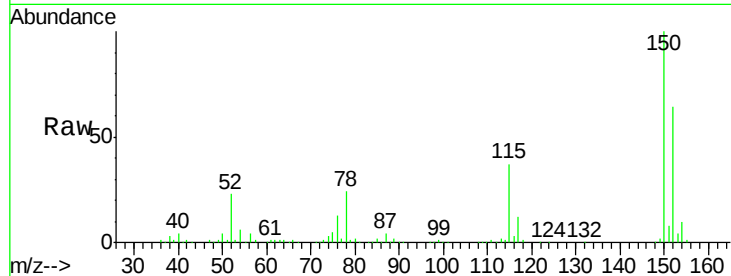


#1

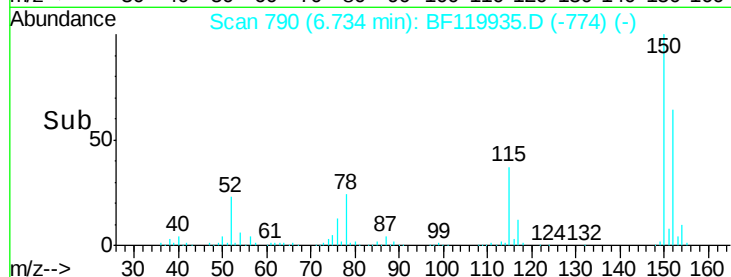
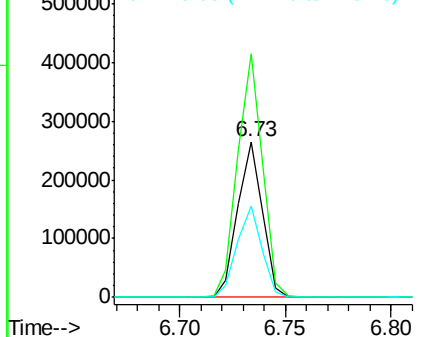
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Instrument :
BNA_F
ClientSampleId :
PB128182TB

Tot Ion:152 Resp: 213959
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 58.7 46.5 69.7



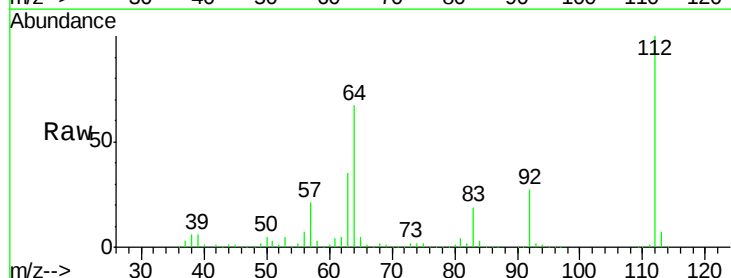
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



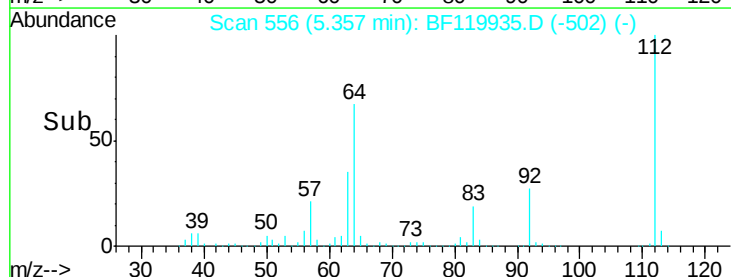
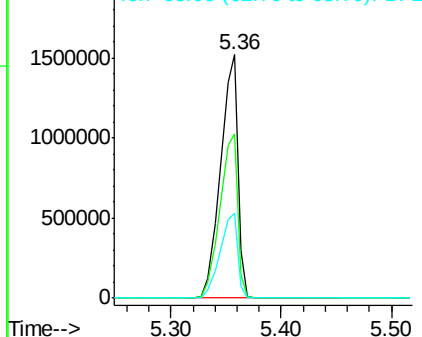
#5

2-Fluorophenol
Concen: 134.626 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Tgt Ion:112 Resp: 1666745
Ion Ratio Lower Upper
112 100
64 67.3 55.5 83.3
63 34.8 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: 131.833 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Instrument :

BNA_F

ClientSampleId :

PB128182TB

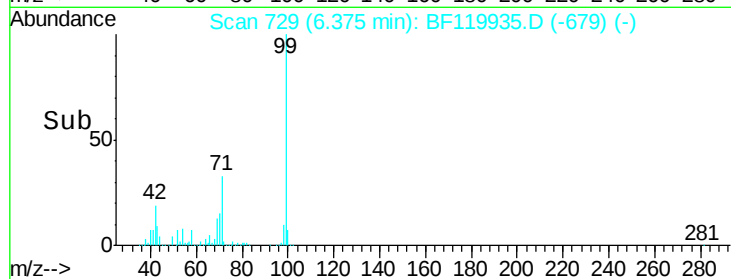
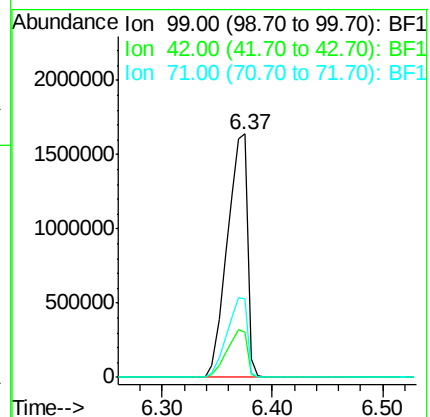
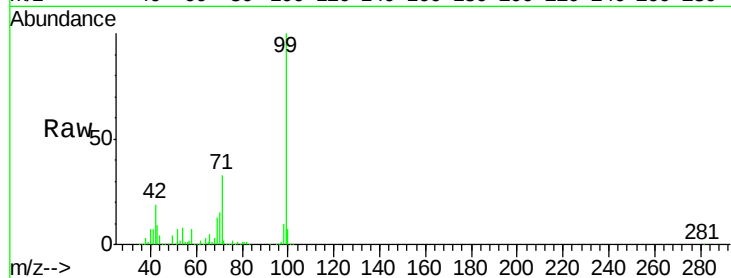
Tot Ion: 99 Resp: 2103133

Ion Ratio Lower Upper

99 100

42 18.6 16.9 25.3

71 32.5 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Tgt Ion: 136 Resp: 831826

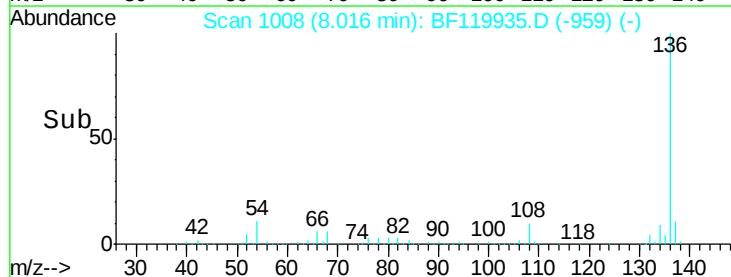
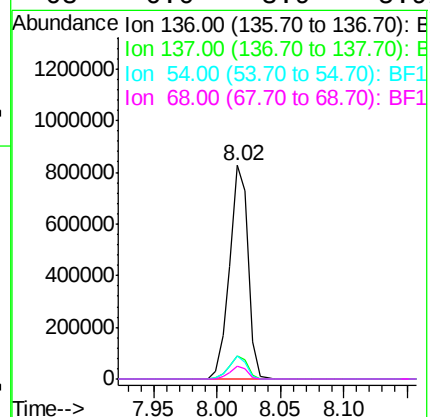
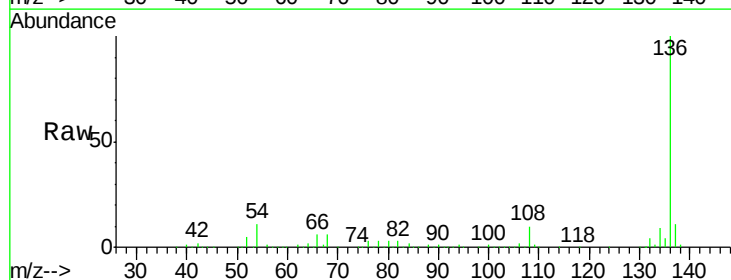
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 10.6 8.5 12.7

68 6.0 3.9 5.9#



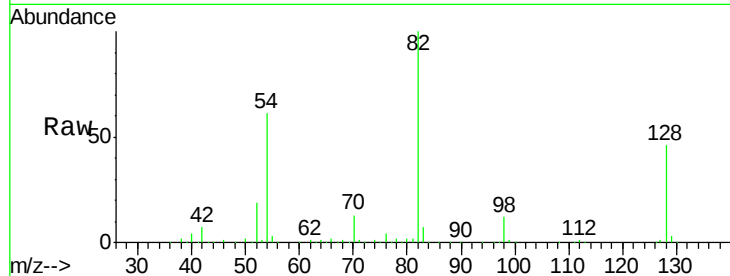


#23
 Nitrobenzene-d5
 Concen: 82.895 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

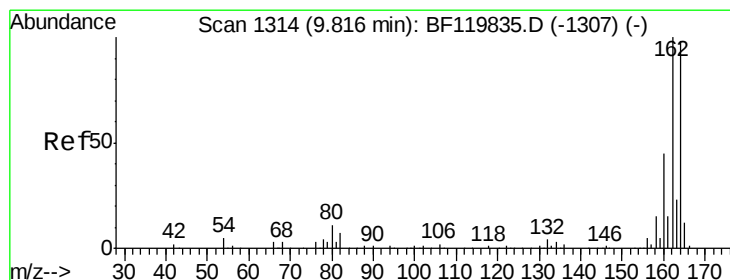
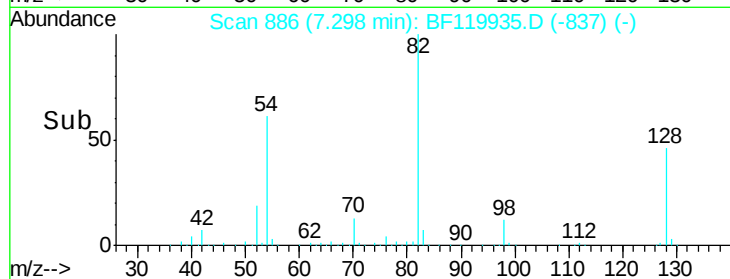
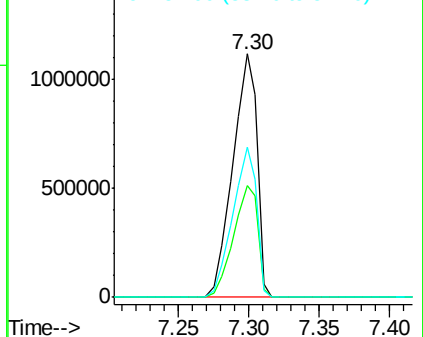
Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

Tot Ion: 82 Resp: 1332874

Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.2	54.4
54	61.5	50.4	75.6



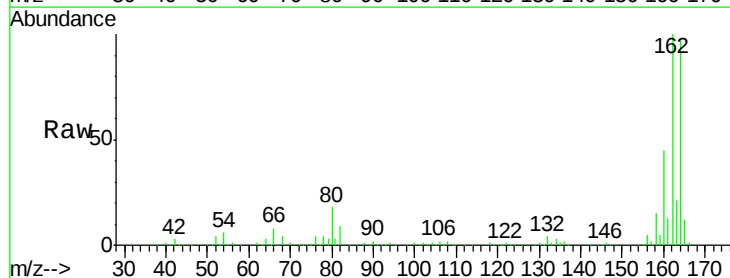
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



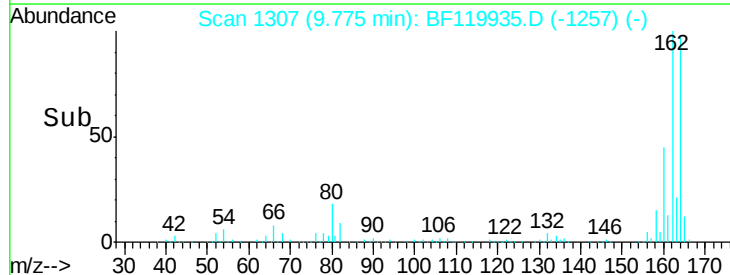
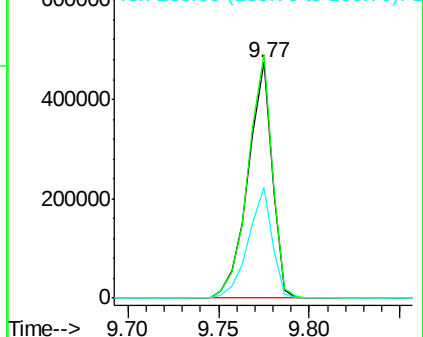
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

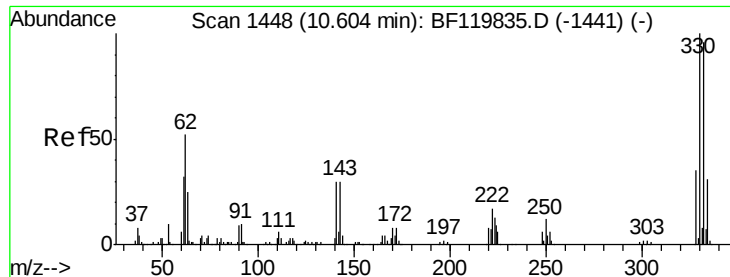
Tgt Ion:164 Resp: 440045

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.9	122.9
160	46.8	36.6	54.8



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

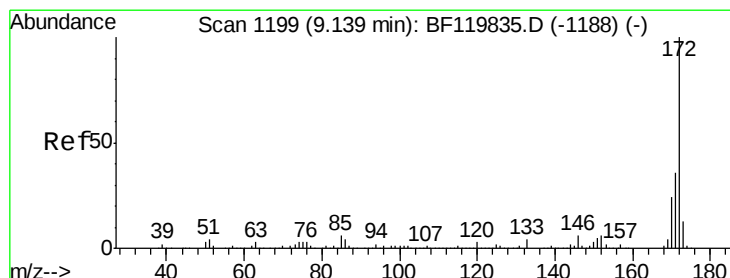
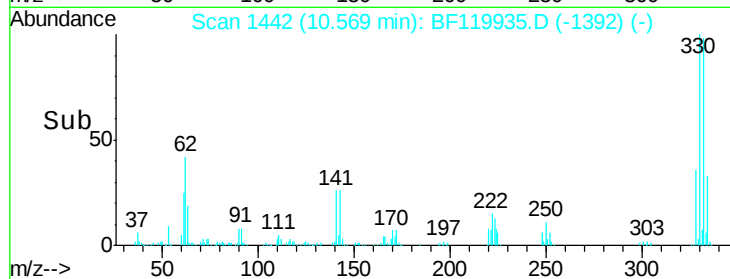
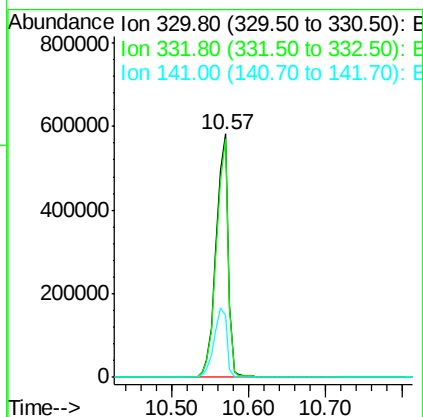
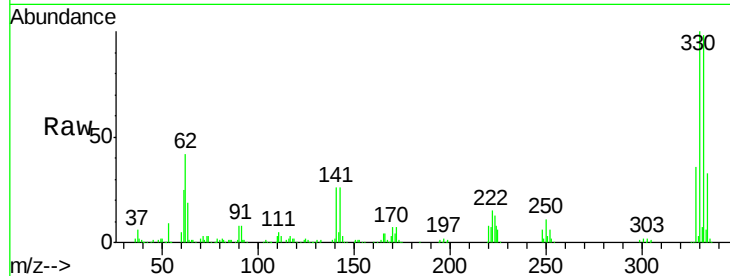




#42
 2,4,6-Tribromophenol
 Concen: 115.413 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

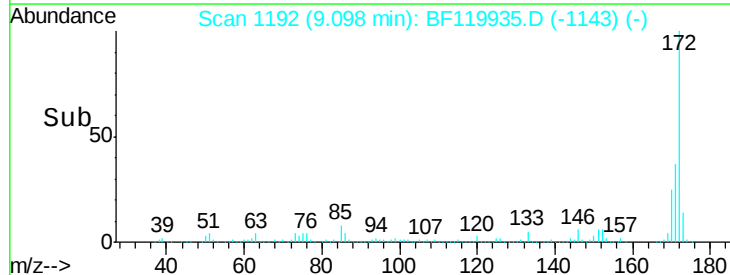
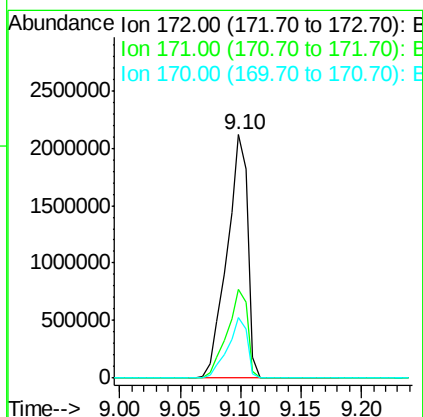
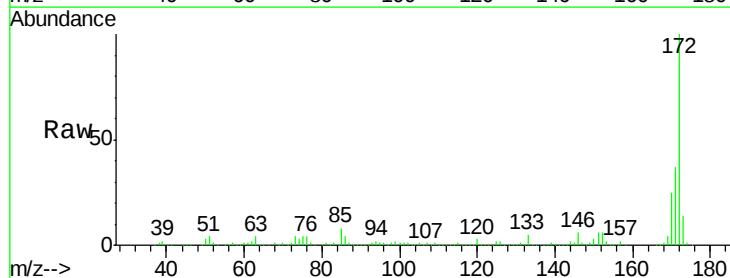
Instrument :
 BNA_F
 ClientSampleId :
 PB128182TB

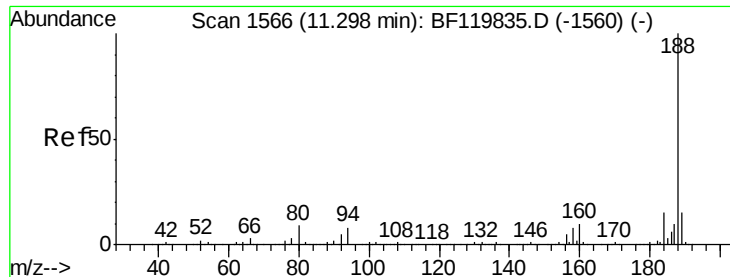
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	30.0	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 80.961 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119935.D
 Acq: 14 Apr 2020 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.9	43.3
170	24.9	19.4	29.2

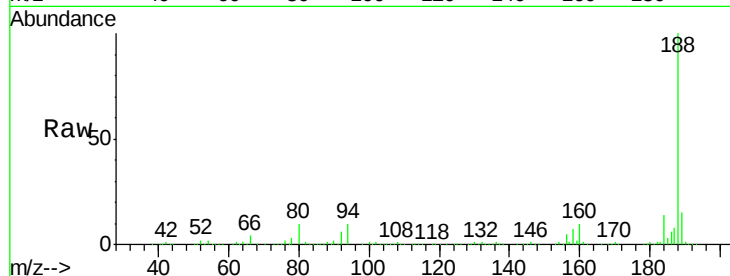




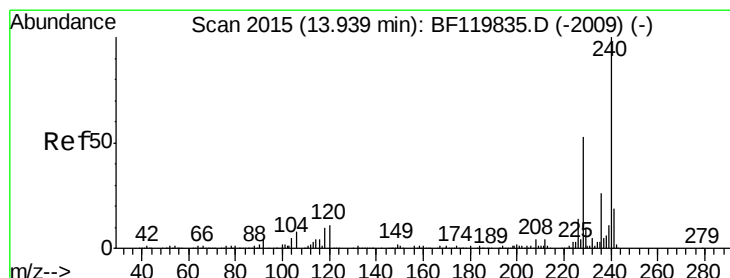
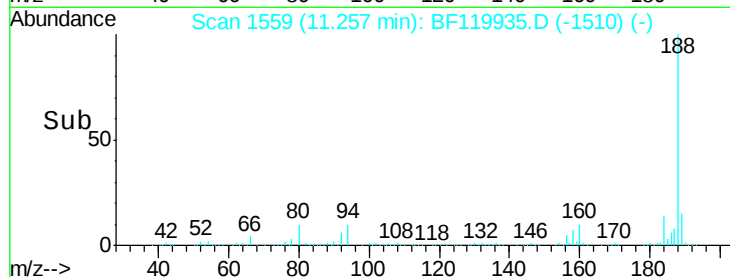
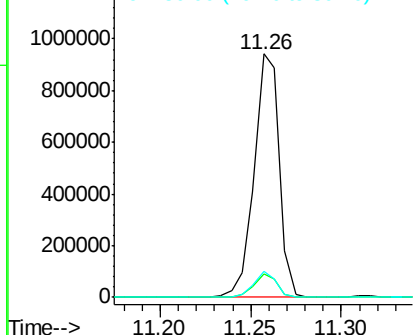
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Instrument :
BNA_F
ClientSampleId :
PB128182TB

Tot Ion:188 Resp: 905944
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 10.4 7.4 11.2

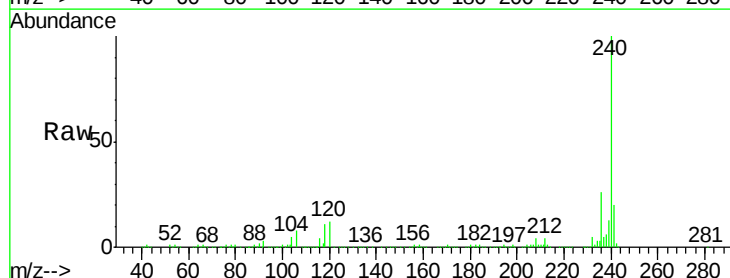


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

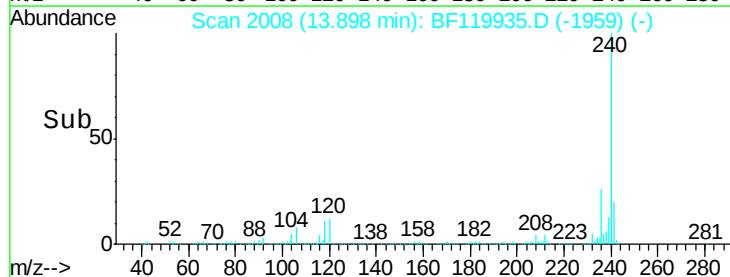
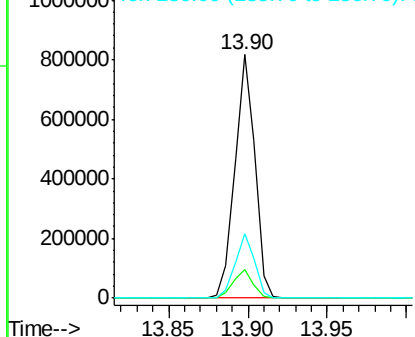


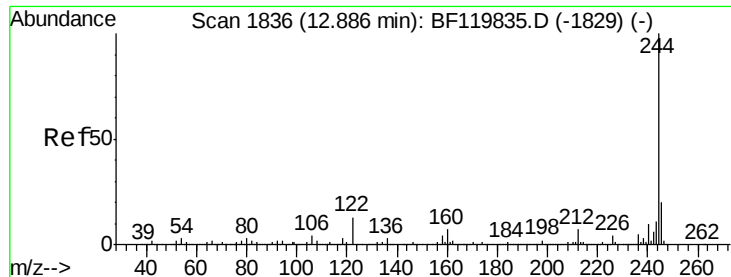
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119935.D
Acq: 14 Apr 2020 5:17

Tgt Ion:240 Resp: 713873
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.6
236 26.4 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: 73.038 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

Instrument :

BNA_F

ClientSampleId :

PB128182TB

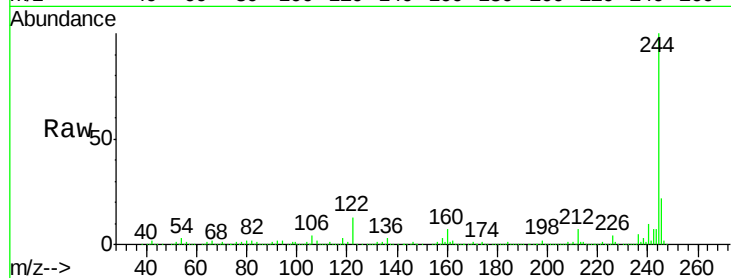
Tot Ion:244 Resp: 3098688

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

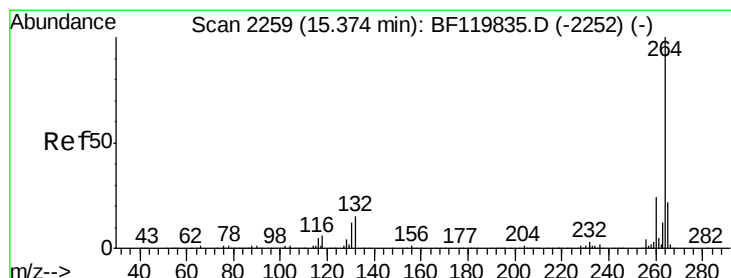
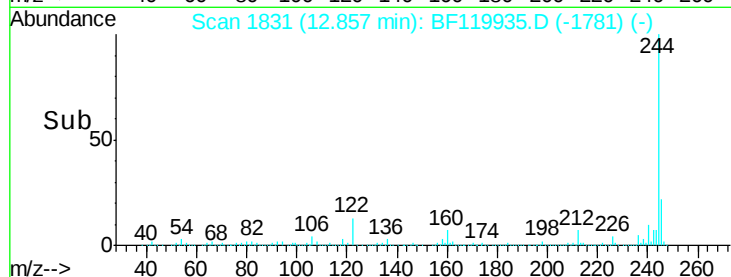
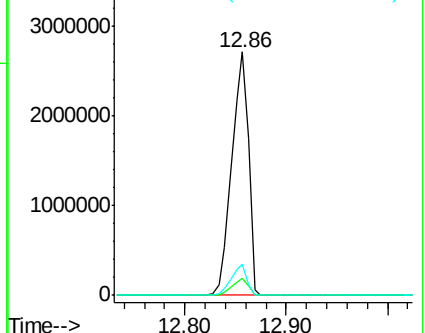
122 13.0 10.3 15.5



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: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119935.D

Acq: 14 Apr 2020 5:17

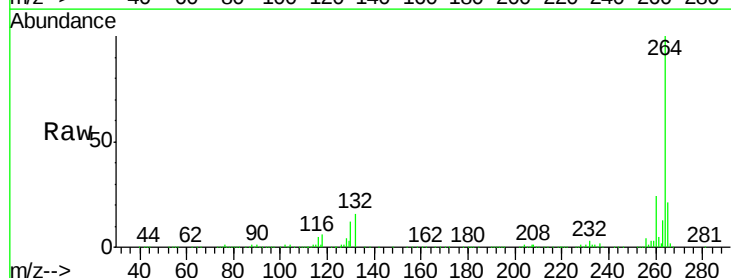
Tgt Ion:264 Resp: 630360

Ion Ratio Lower Upper

264 100

260 23.5 19.3 28.9

265 20.9 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

