

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119953.D
 Acq On : 14 Apr 2020 15:18
 Operator : MA/SJ
 Sample : L2195-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Apr 14 16:20:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

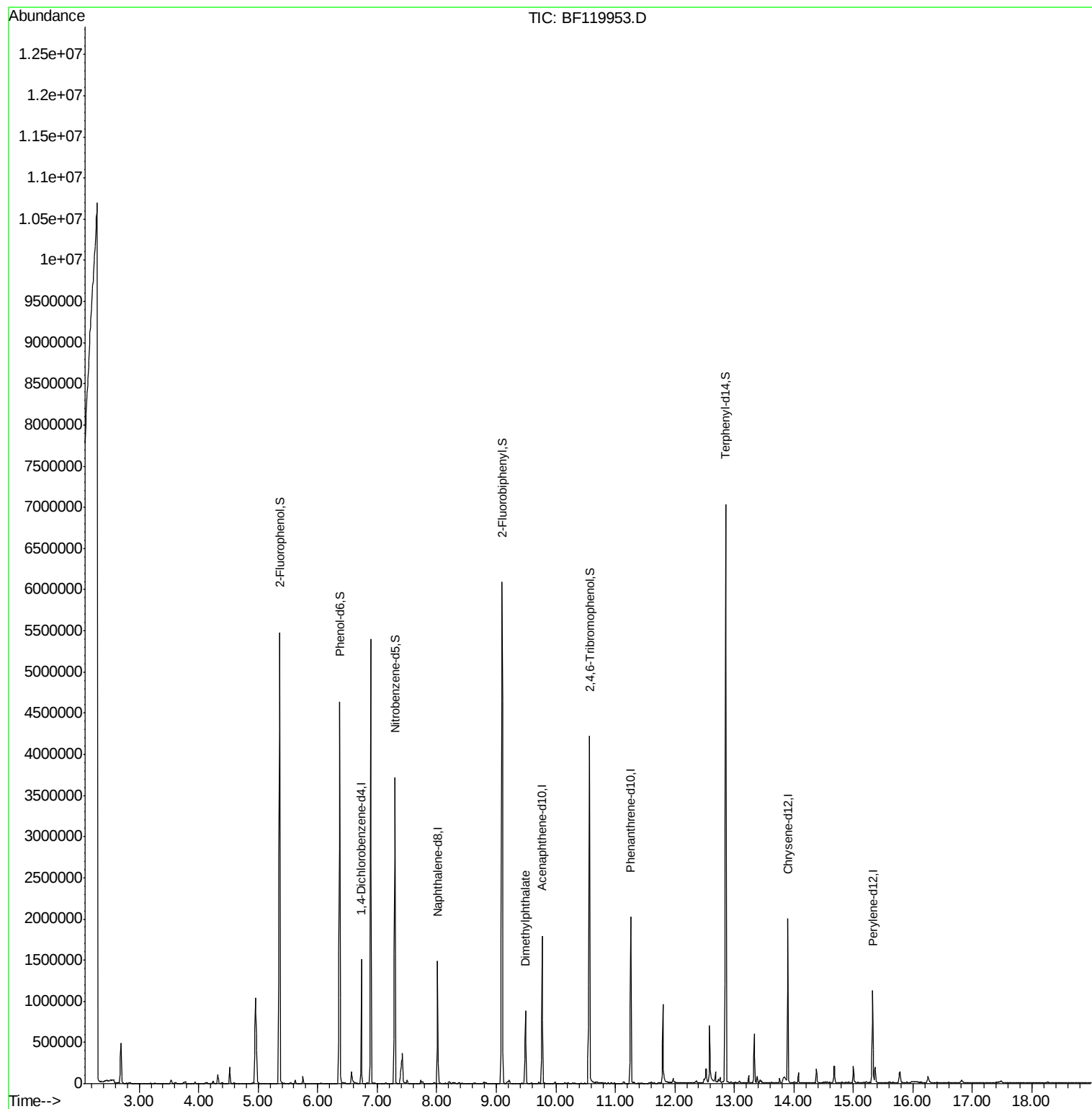
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	199940	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	773211	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	408451	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	812071	20.00	ng	0.00
76) Chrysene-d12	13.90	240	621427	20.00	ng	-0.01
87) Perylene-d12	15.32	264	499602	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1595911	137.94	ng	0.02
7) Phenol-d6	6.37	99	1829146	122.70	ng	0.00
23) Nitrobenzene-d5	7.30	82	1388310	92.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	617115	123.40	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2595579	90.22	ng	0.00
79) Terphenyl-d14	12.86	244	2935421	79.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	391204	12.383	ng	Qvalue 99

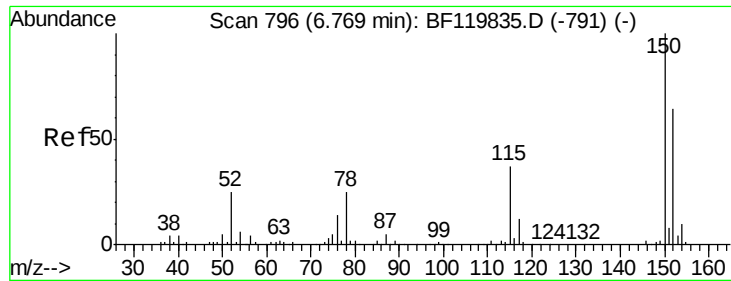
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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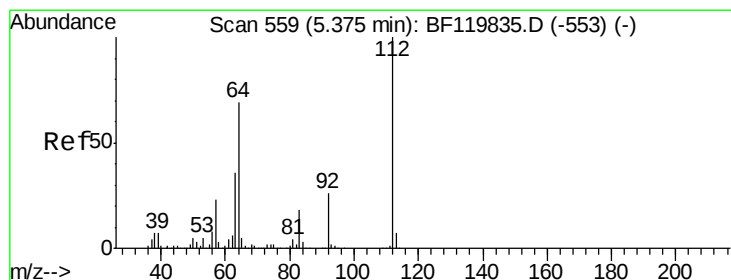
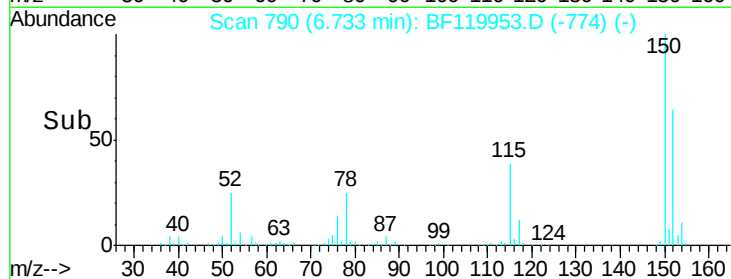
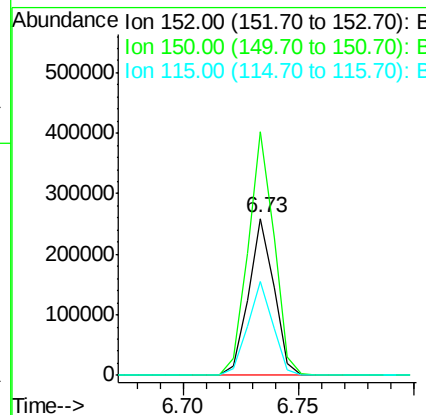
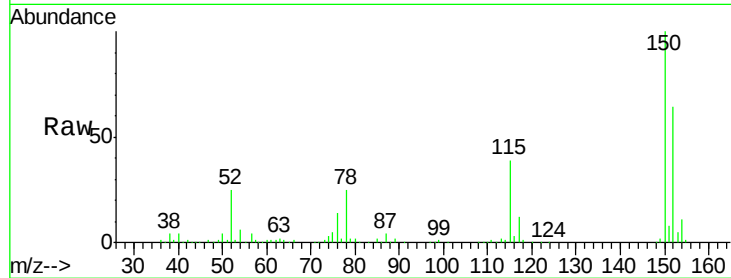


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119953.D
Acq: 14 Apr 2020 15:18

Instrument :
BNA_F
ClientSampled :
VNJ-223

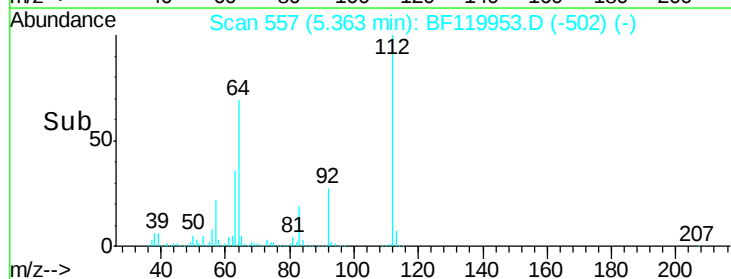
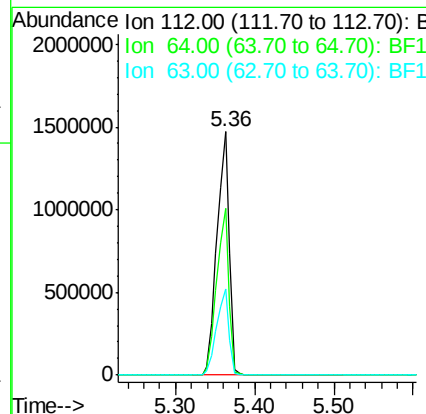
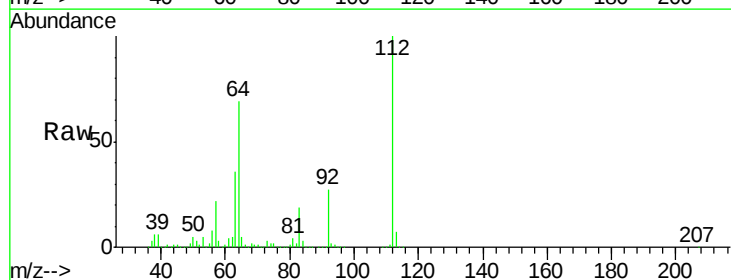
Tot Ion:152 Resp: 199940
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 60.0 46.5 69.7



#5

2-Fluorophenol
Concen: 137.943 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF119953.D
Acq: 14 Apr 2020 15:18

Tgt Ion:112 Resp: 1595911
Ion Ratio Lower Upper
112 100
64 68.6 55.5 83.3
63 35.6 29.1 43.7





#7

Phenol-d6

Concen: 122.698 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF119953.D

Acq: 14 Apr 2020 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-223

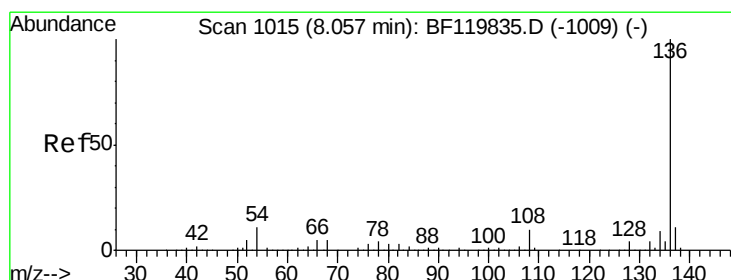
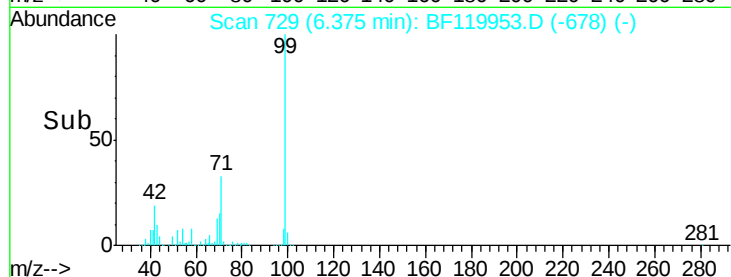
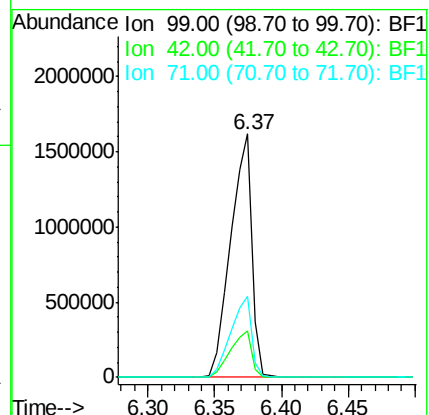
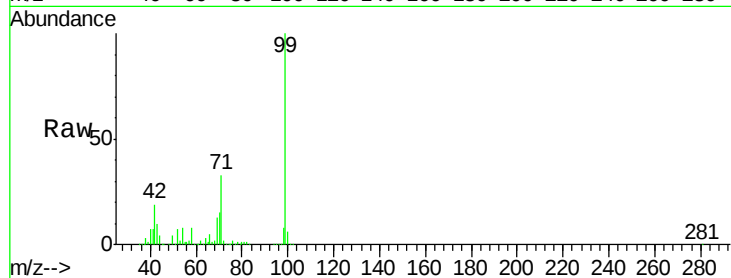
Tot Ion: 99 Resp: 1829146

Ion Ratio Lower Upper

99 100

42 19.0 16.9 25.3

71 33.2 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: BF119953.D

Acq: 14 Apr 2020 15:18

Tgt Ion: 136 Resp: 773211

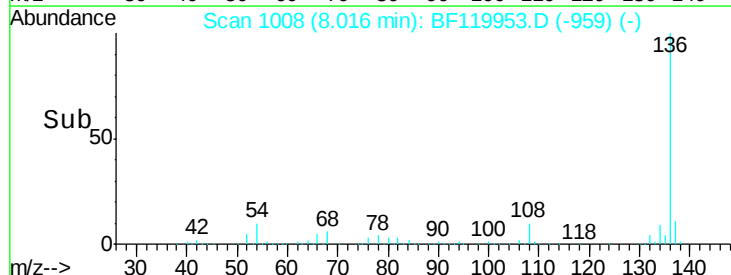
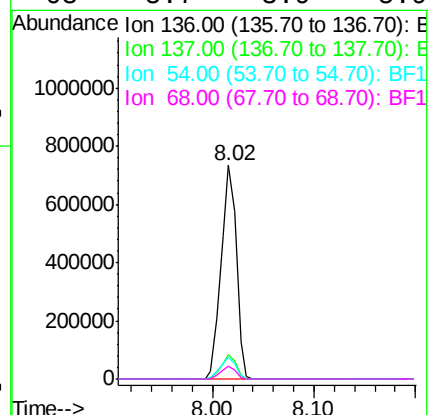
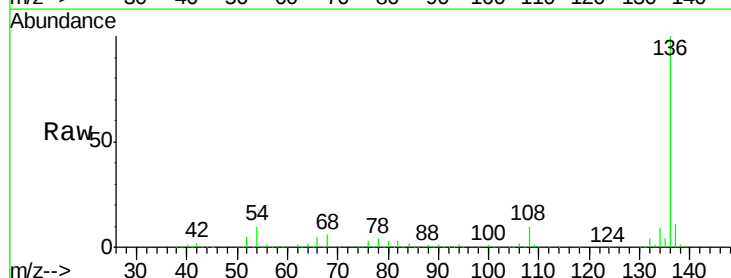
Ion Ratio Lower Upper

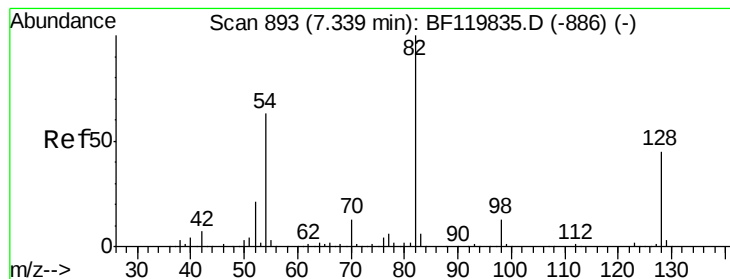
136 100

137 11.1 8.7 13.1

54 10.2 8.5 12.7

68 5.7 3.9 5.9





#23

Nitrobenzene-d5

Concen: 92.888 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF119953.D

Acq: 14 Apr 2020 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-223

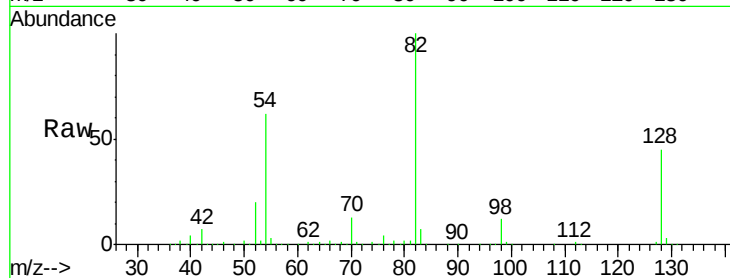
Tot Ion: 82 Resp: 1388310

Ion Ratio Lower Upper

82 100

128 45.5 36.2 54.4

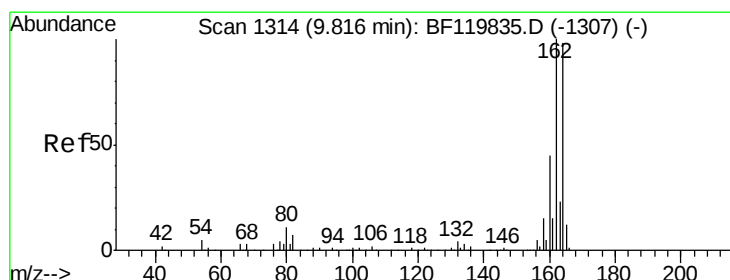
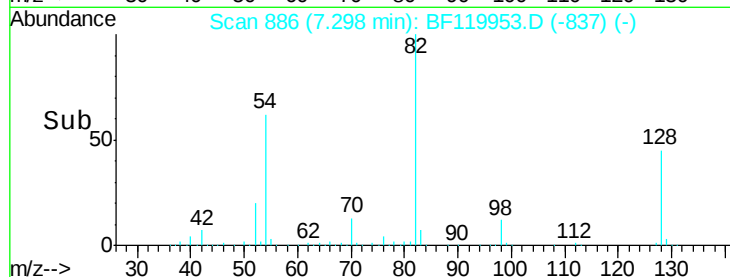
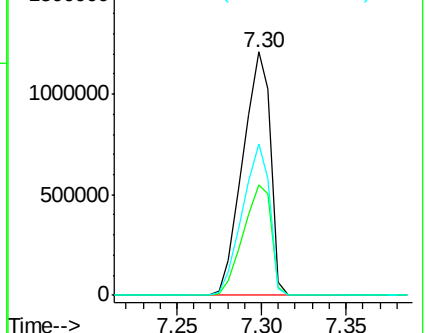
54 62.3 50.4 75.6



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: BF119953.D

Acq: 14 Apr 2020 15:18

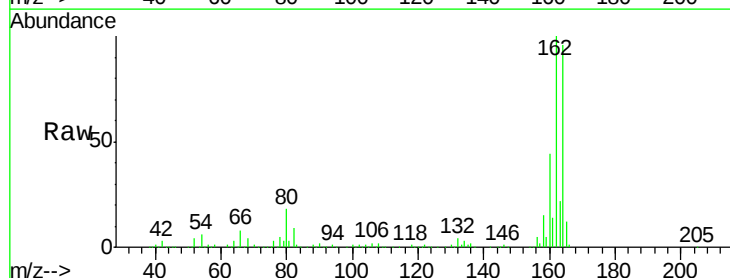
Tgt Ion:164 Resp: 408451

Ion Ratio Lower Upper

164 100

162 103.8 81.9 122.9

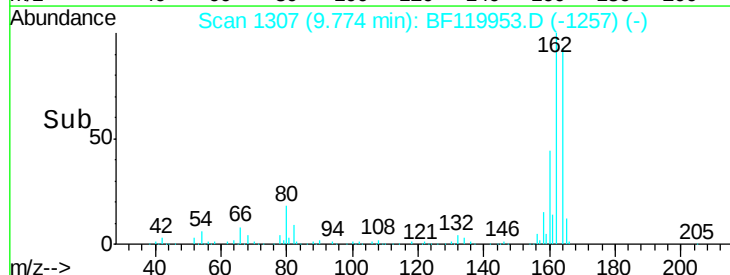
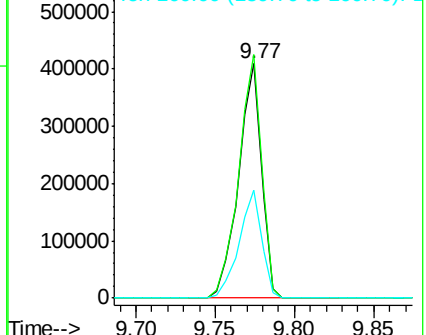
160 46.0 36.6 54.8

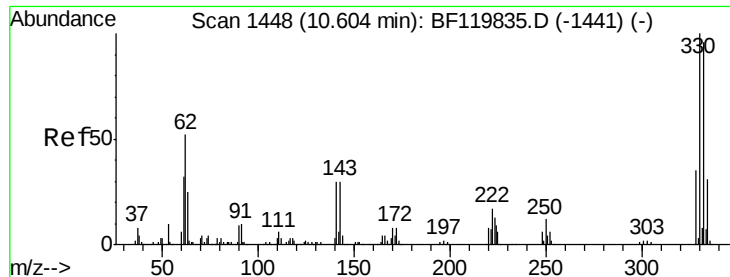


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

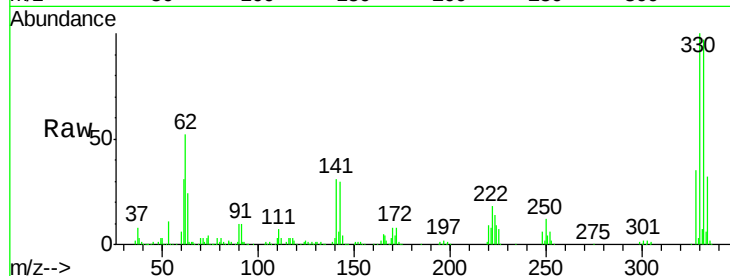




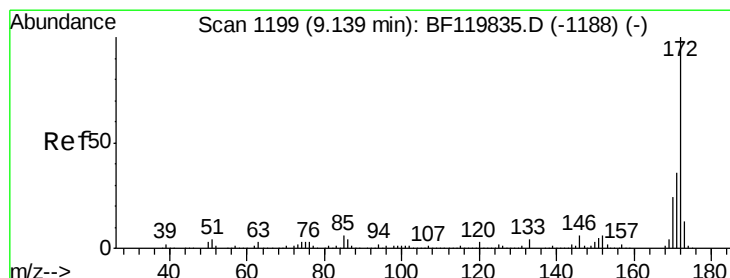
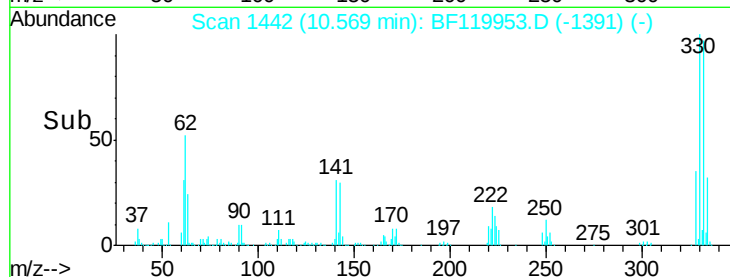
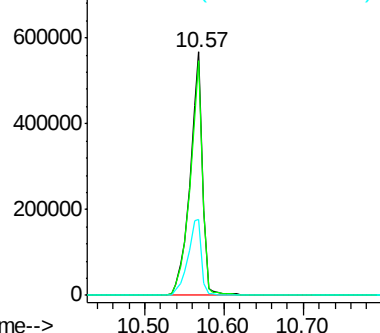
#42
 2,4,6-Tribromophenol
 Concen: 123.403 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF119953.D
 Acq: 14 Apr 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tot Ion:330 Resp: 617115
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.8 115.2
 141 34.1 25.1 37.7

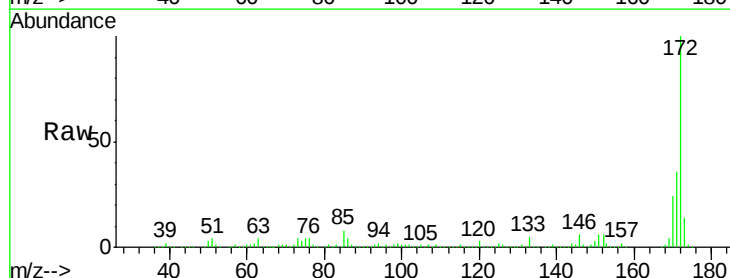


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

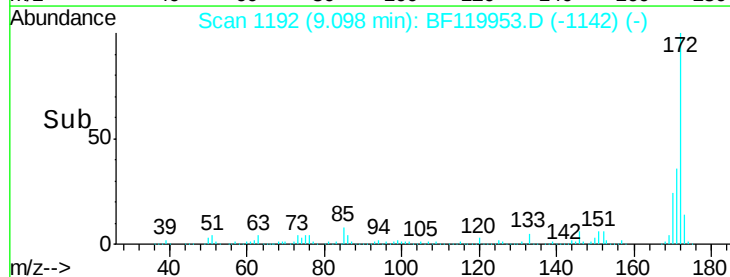
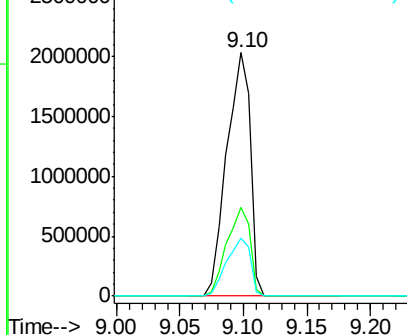


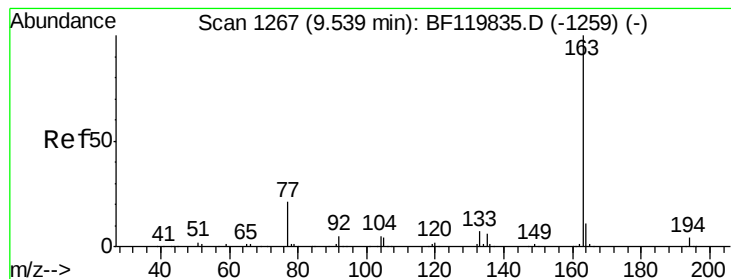
#45
 2-Fluorobiphenyl
 Concen: 90.223 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119953.D
 Acq: 14 Apr 2020 15:18

Tgt Ion:172 Resp: 2595579
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.0 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





#50

Dimethylphthalate

Concen: 12.383 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF119953.D

Acq: 14 Apr 2020 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-223

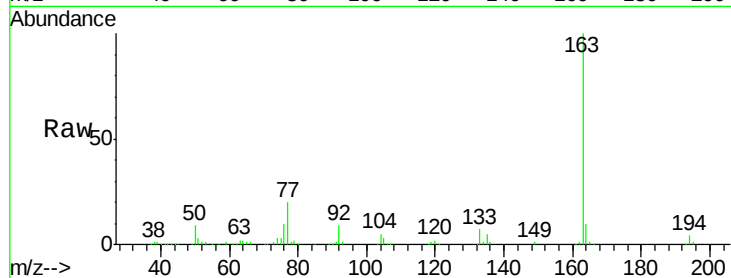
Tot Ion:163 Resp: 391204

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

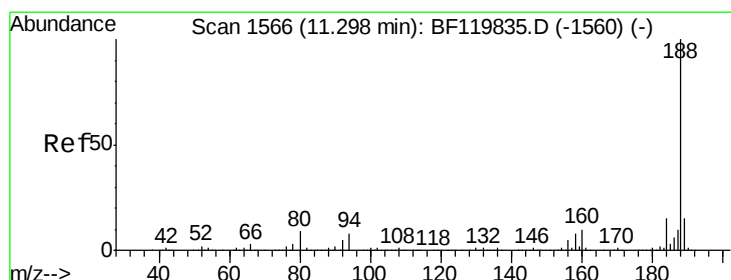
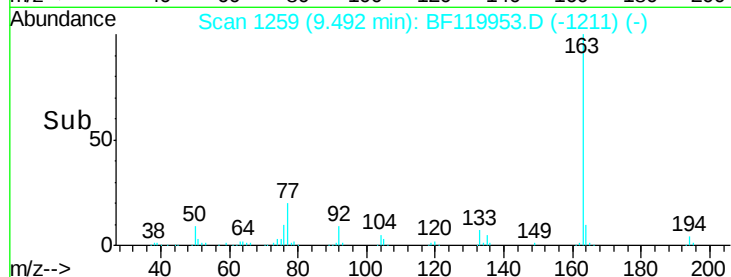
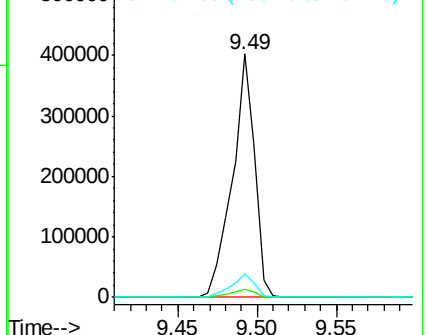
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF119953.D

Acq: 14 Apr 2020 15:18

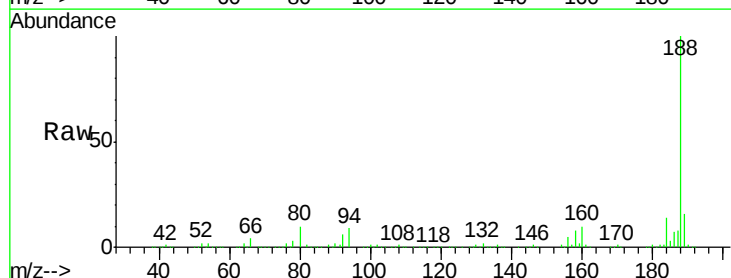
Tgt Ion:188 Resp: 812071

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

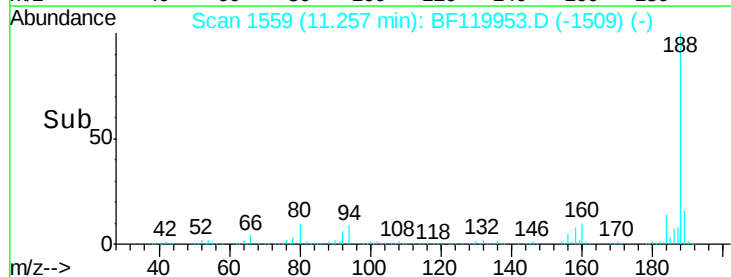
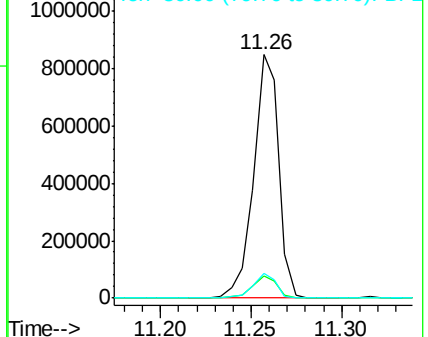
80 10.3 7.4 11.2

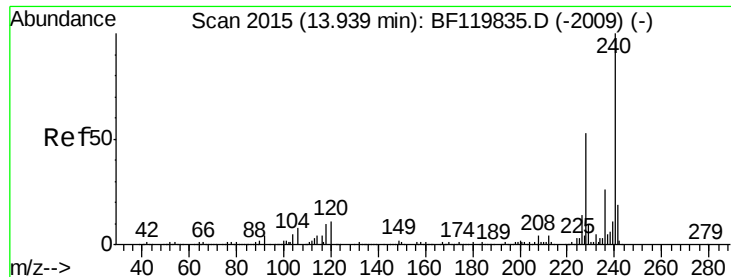


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119953.D

Acq: 14 Apr 2020 15:18

Instrument :

BNA_F

ClientSampleId :

VNJ-223

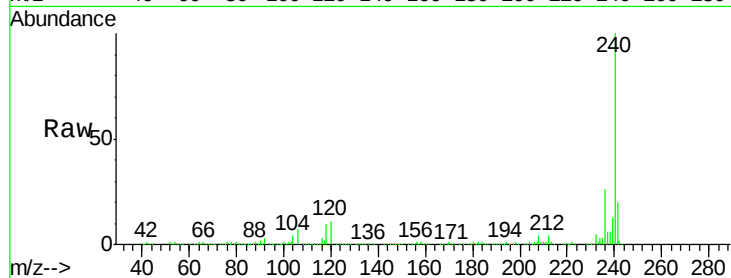
Tot Ion:240 Resp: 621427

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.6

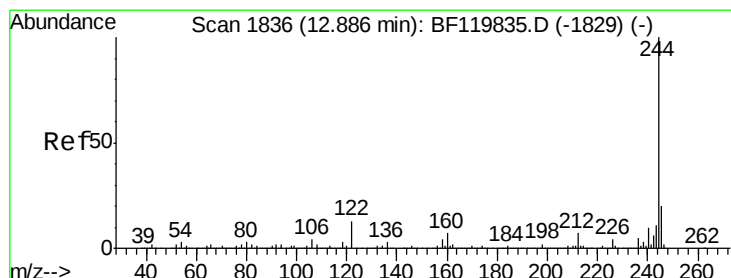
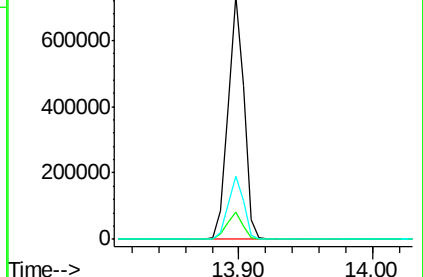
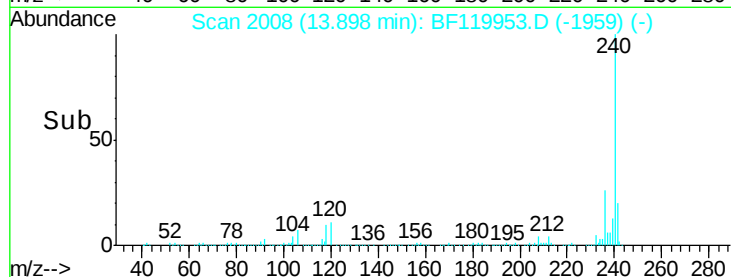
236 25.9 20.7 31.1



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: 79.483 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF119953.D

Acq: 14 Apr 2020 15:18

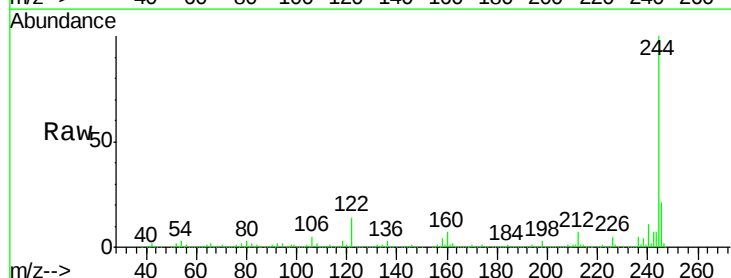
Tgt Ion:244 Resp: 2935421

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

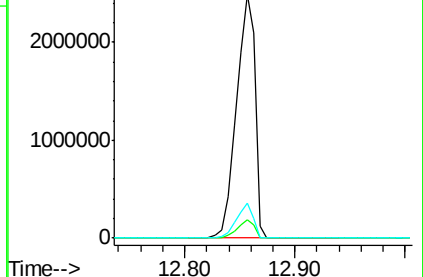
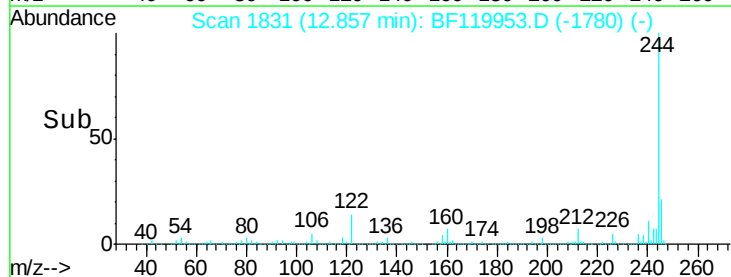
122 14.1 10.3 15.5

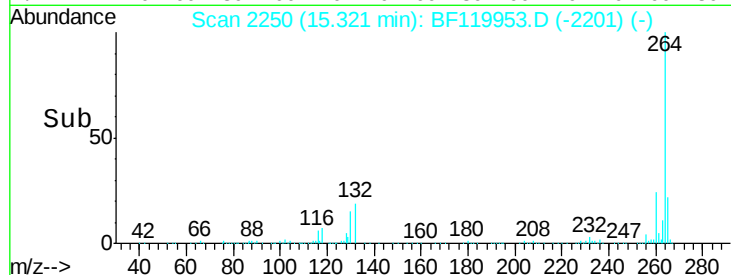
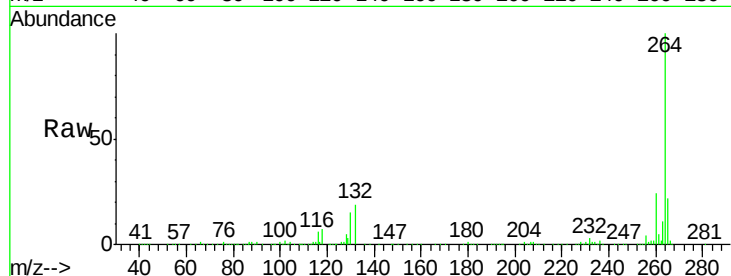
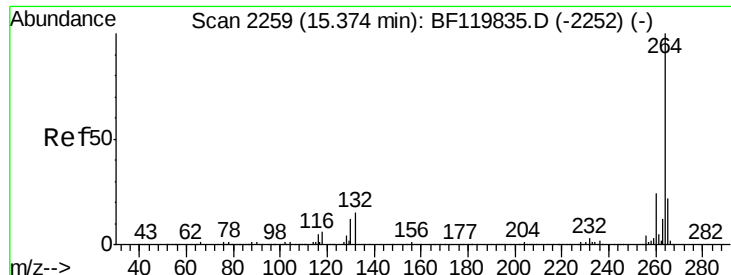


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119953.D
 Acq: 14 Apr 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tot Ion:	264	Resp:	499602
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.4	17.6	26.4

