

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119975.D
 Acq On : 15 Apr 2020 1:47
 Operator : MA/SJ
 Sample : L2195-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Quant Time: Apr 15 04:22:42 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

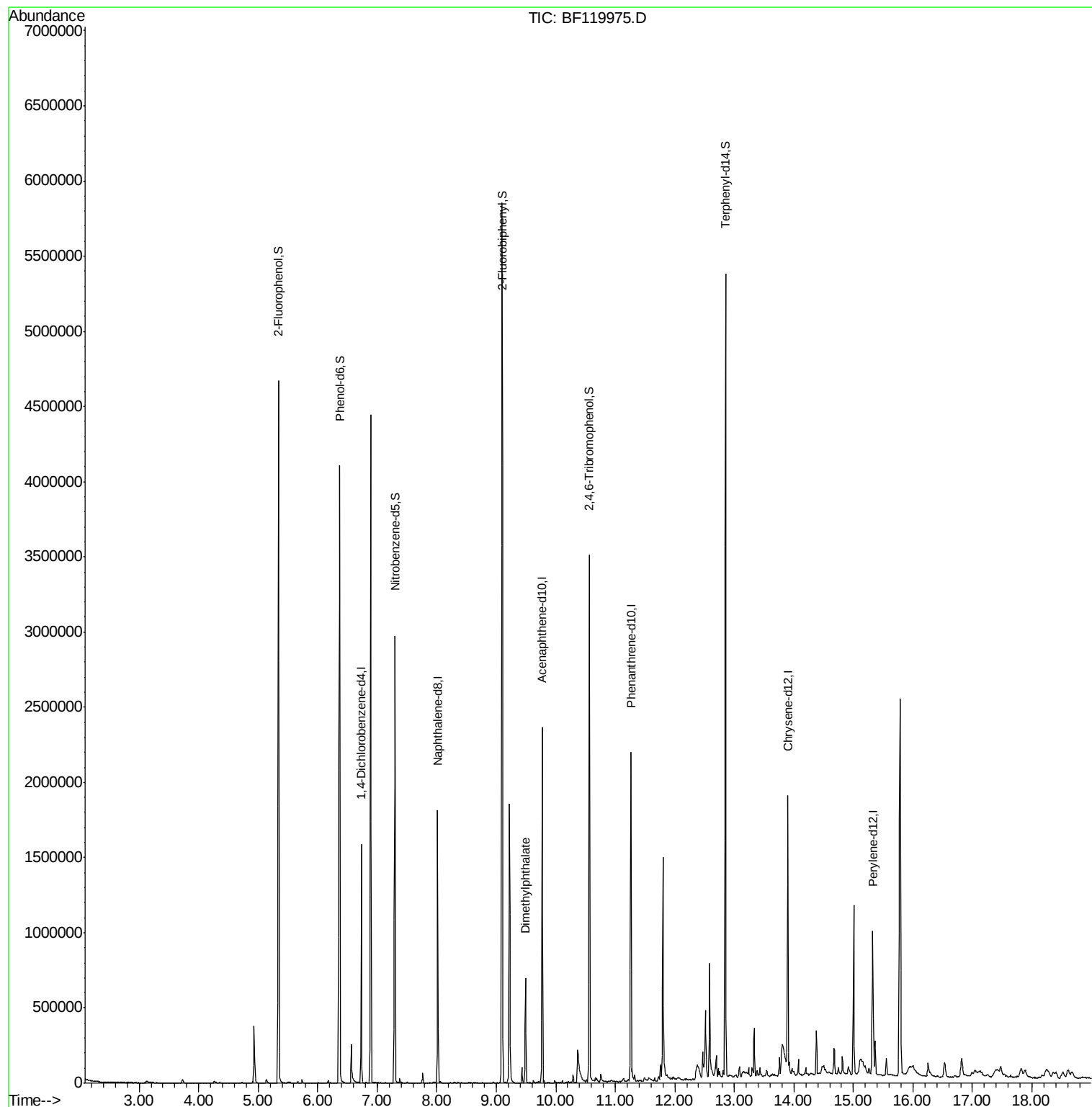
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	218193	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	848629	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	433228	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	833027	20.00	ng	0.00
76) Chrysene-d12	13.90	240	573158	20.00	ng	-0.01
87) Perylene-d12	15.32	264	446535	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1310095	103.77	ng	0.00
7) Phenol-d6	6.37	99	1681498	103.36	ng	0.00
23) Nitrobenzene-d5	7.30	82	1036979	63.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	432222	81.49	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1928847	63.21	ng	0.00
79) Terphenyl-d14	12.85	244	2031393	59.64	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	243127	7.255	ng	Qvalue 98

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

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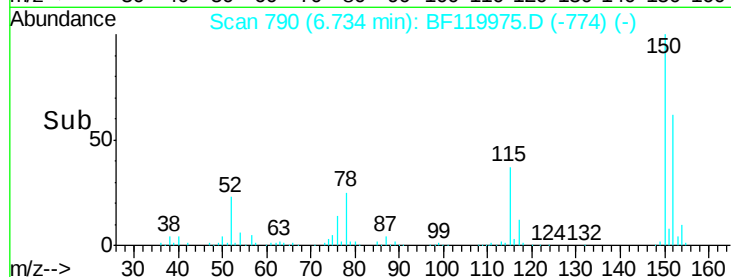
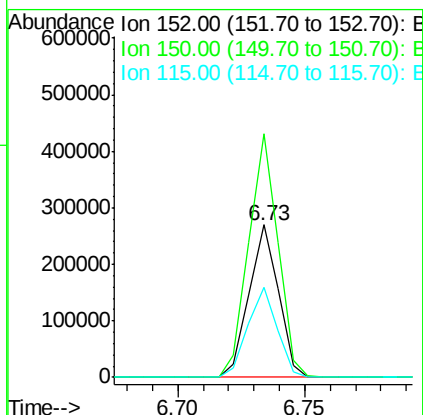
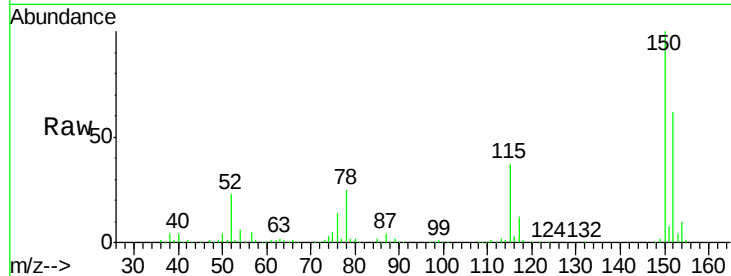


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

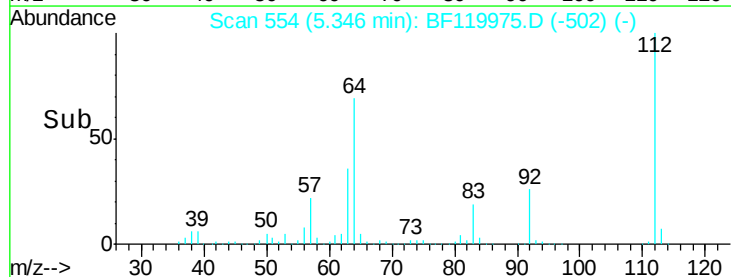
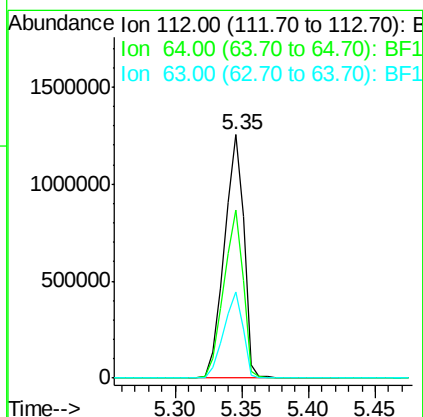
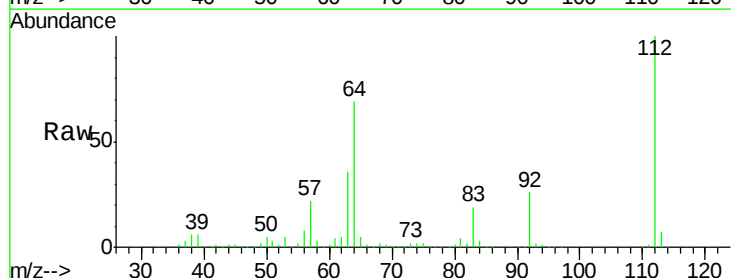
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.8	187.2
115	59.5	46.5	69.7



#5

2-Fluorophenol
 Concen: 103.765 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	55.5	83.3
63	35.6	29.1	43.7





#7

Phenol-d6

Concen: 103.358 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119975.D

Acq: 15 Apr 2020 1:47

Instrument :

BNA_F

ClientSampleId :

VNJ-223

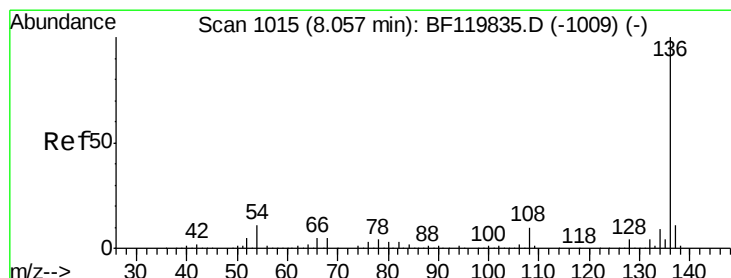
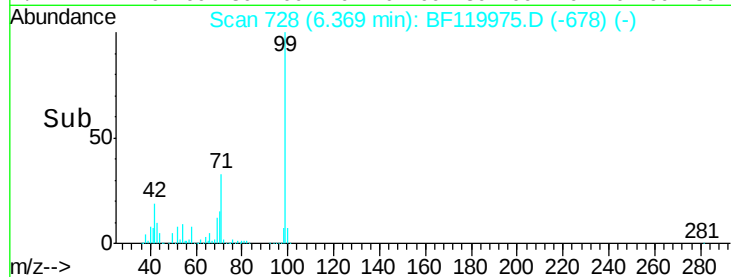
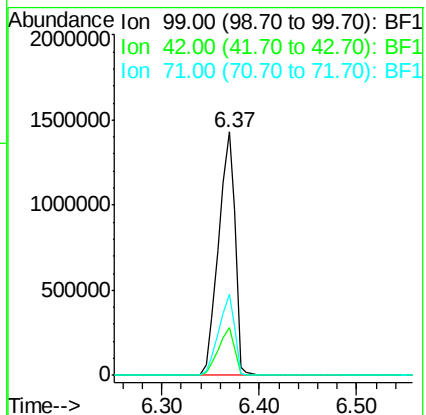
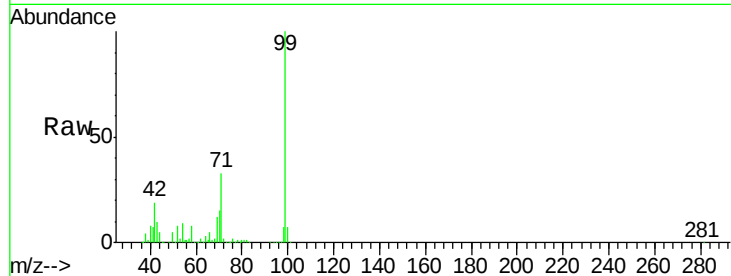
Tot Ion: 99 Resp: 1681498

Ion Ratio Lower Upper

99 100

42 19.5 16.9 25.3

71 33.4 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: BF119975.D

Acq: 15 Apr 2020 1:47

Tgt Ion: 136 Resp: 848629

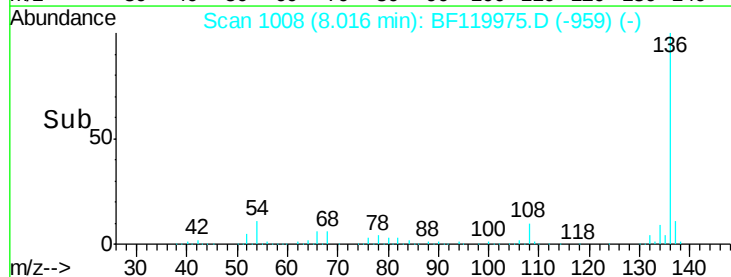
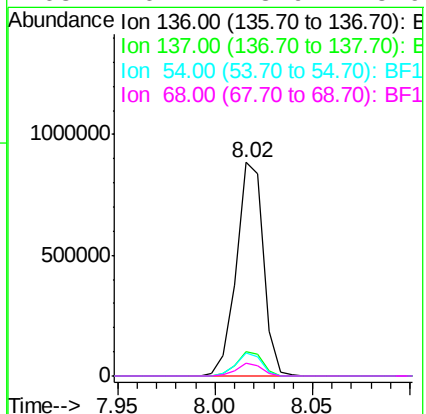
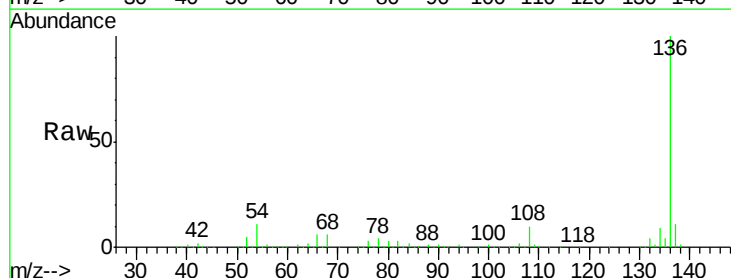
Ion Ratio Lower Upper

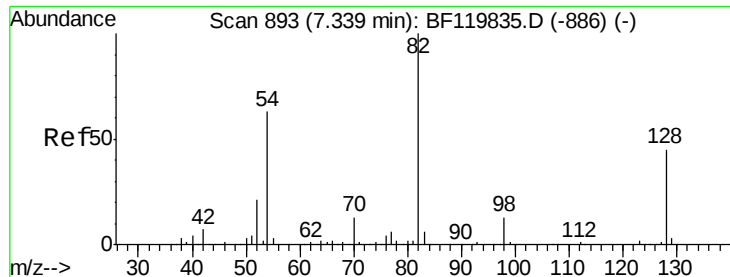
136 100

137 11.2 8.7 13.1

54 10.6 8.5 12.7

68 6.2 3.9 5.9#

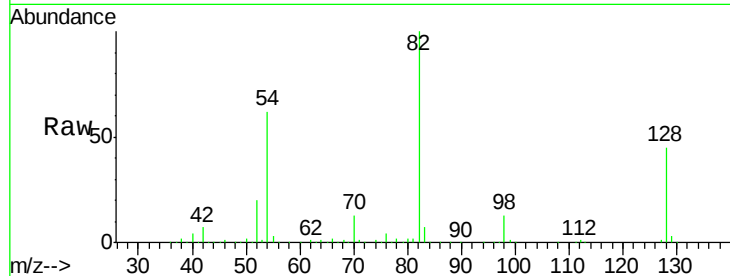




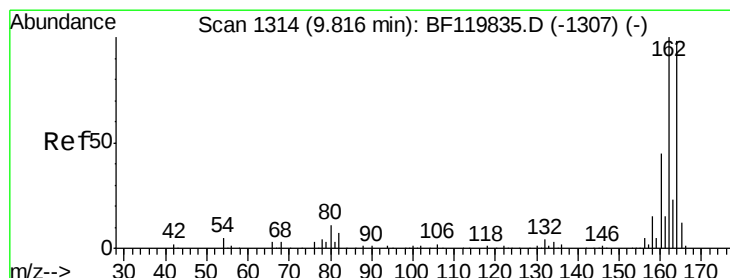
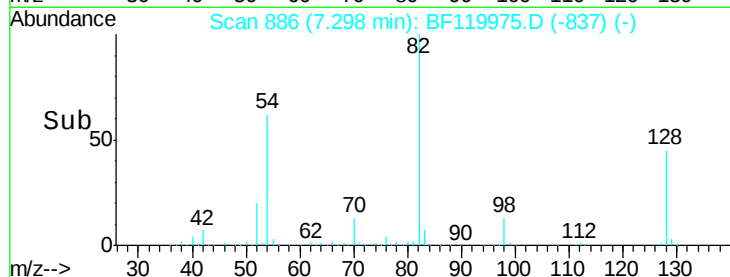
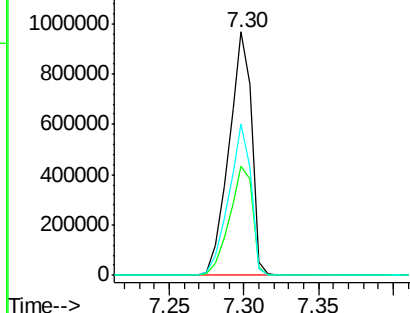
#23
 Nitrobenzene-d5
 Concen: 63.216 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tot Ion: 82 Resp: 1036979
 Ion Ratio Lower Upper
 82 100
 128 44.9 36.2 54.4
 54 62.4 50.4 75.6

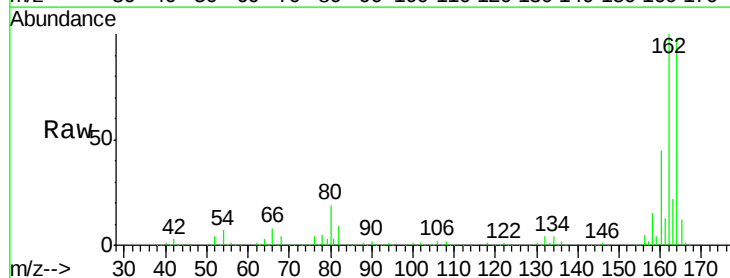


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

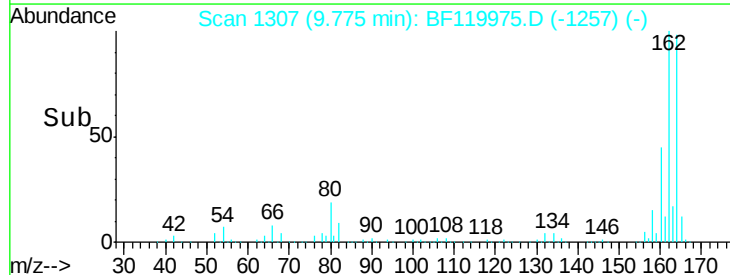
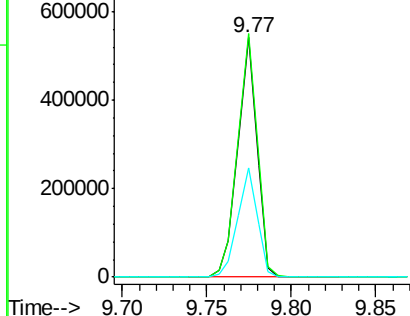


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Tgt Ion: 164 Resp: 433228
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.9 122.9
 160 45.6 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

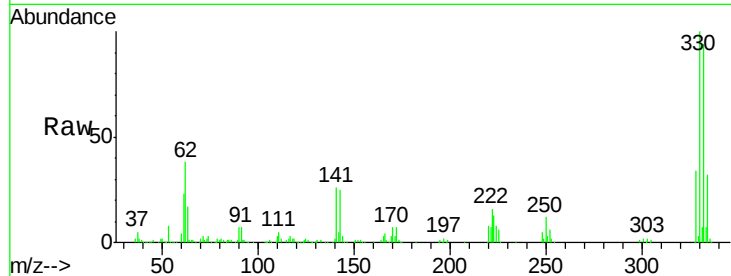




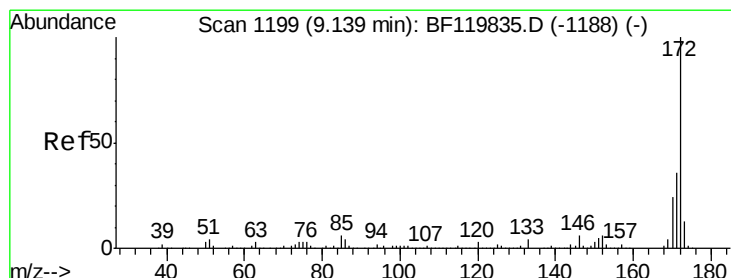
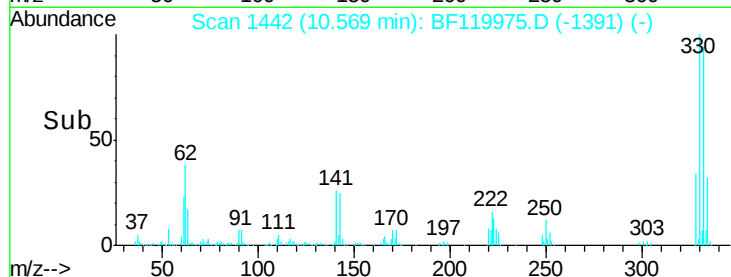
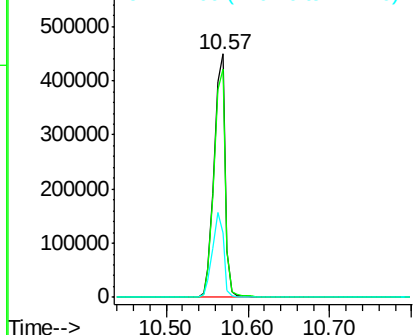
#42
 2,4,6-Tribromophenol
 Concen: 81.487 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tot Ion:330 Resp: 432222
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.8 115.2
 141 34.6 25.1 37.7

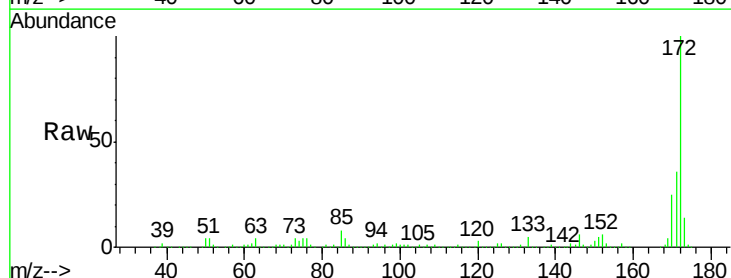


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

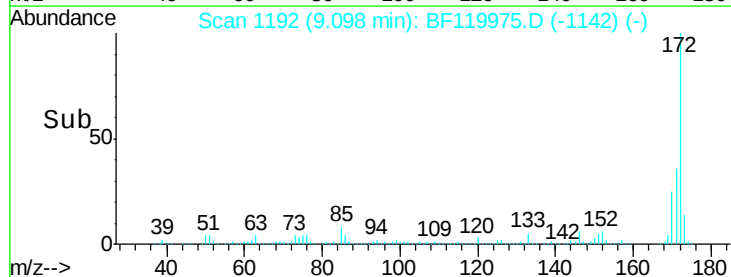
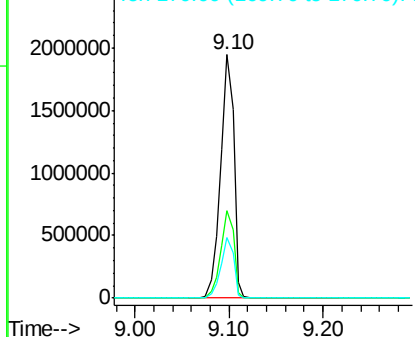


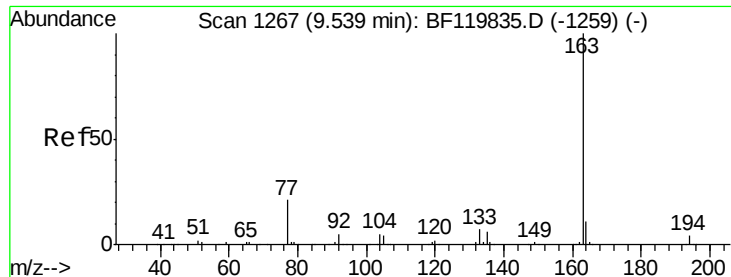
#45
 2-Fluorobiphenyl
 Concen: 63.213 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Tgt Ion:172 Resp: 1928847
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.8 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

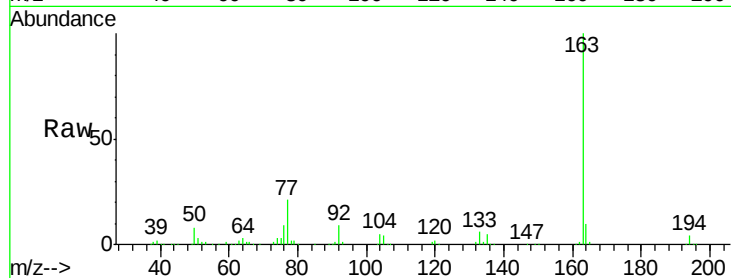




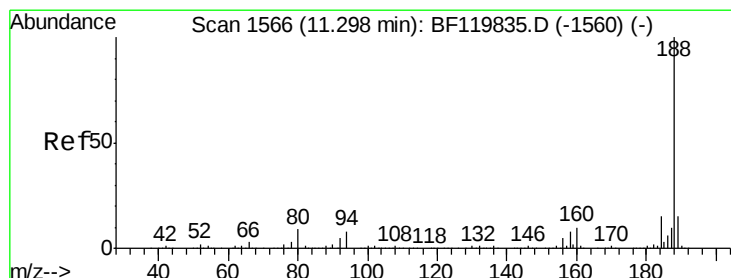
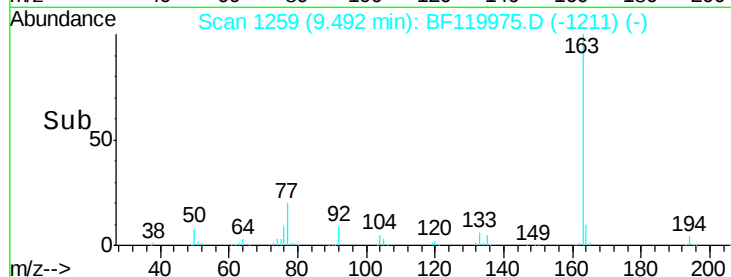
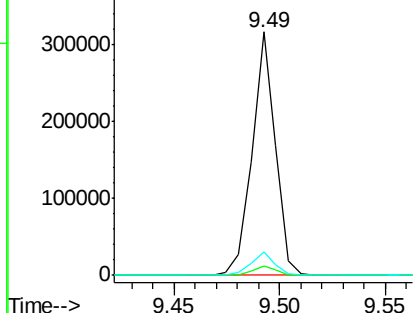
#50
Dimethylphthalate
Concen: 7.255 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119975.D
Acq: 15 Apr 2020 1:47

Instrument :
BNA_F
ClientSampleId :
VNJ-223

Tot Ion	163	Resp	243127
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.4
164	9.6	8.4	12.6

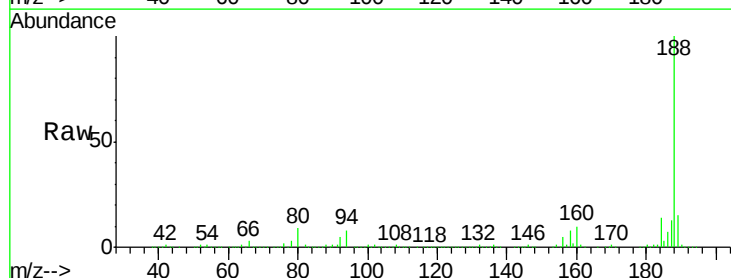


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

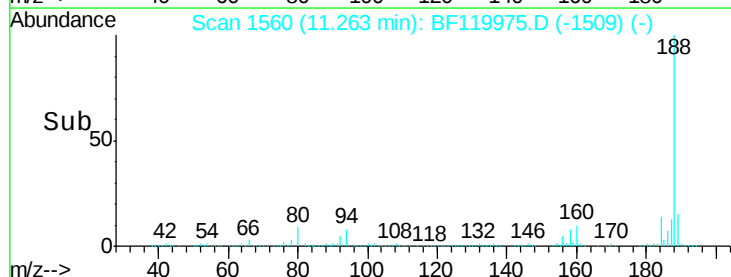
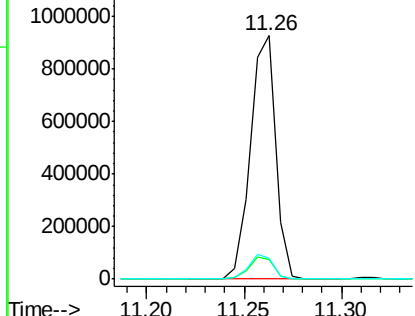


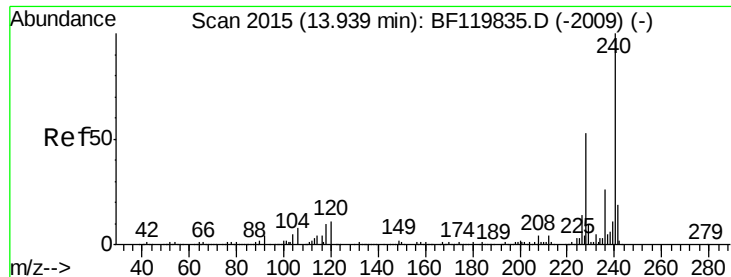
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119975.D
Acq: 15 Apr 2020 1:47

Tgt Ion	188	Resp	833027
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.7	10.1
80	8.5	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: BF119975.D

Acq: 15 Apr 2020 1:47

Instrument :

BNA_F

ClientSampleId :

VNJ-223

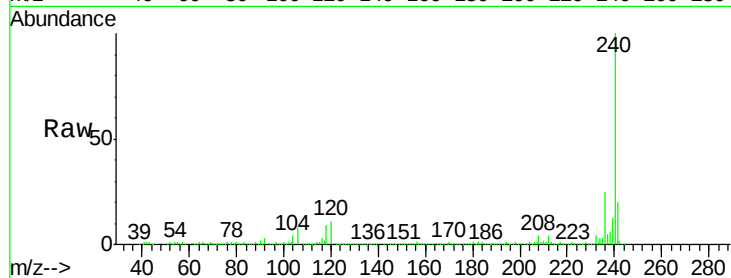
Tot Ion:240 Resp: 573158

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

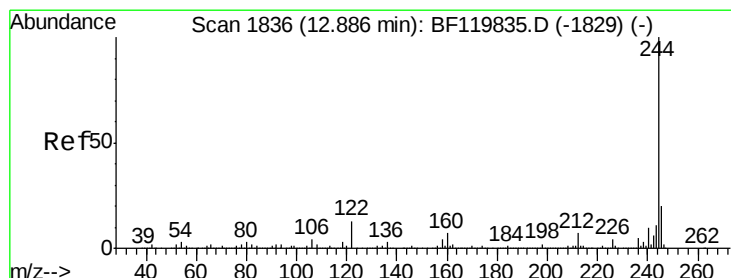
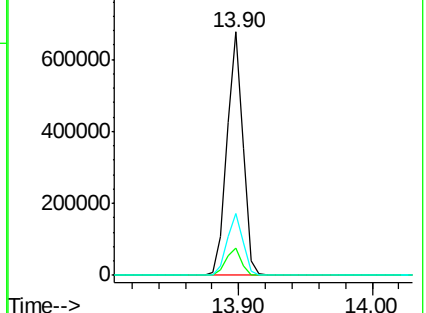
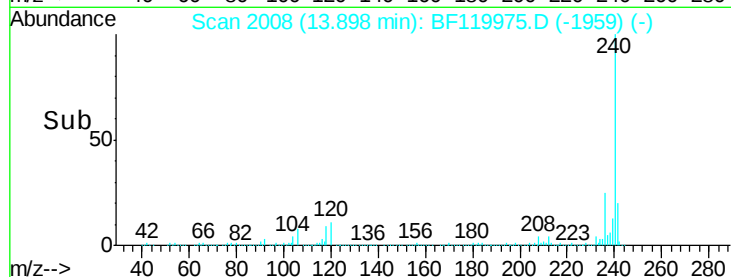
236 25.3 20.7 31.1



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: 59.637 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119975.D

Acq: 15 Apr 2020 1:47

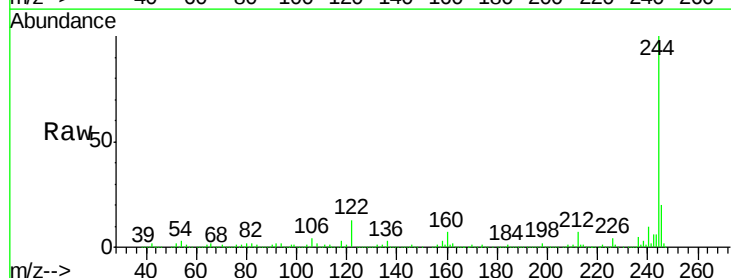
Tgt Ion:244 Resp: 2031393

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

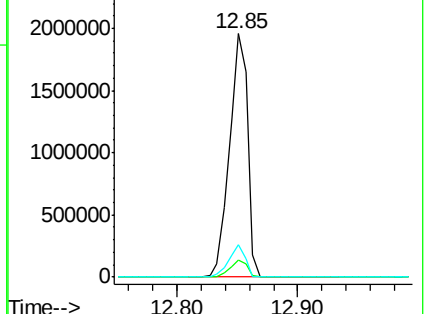
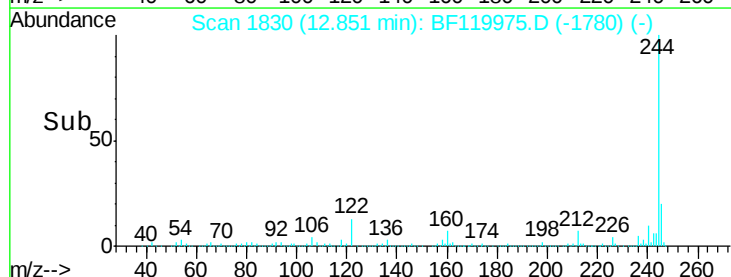
122 13.4 10.3 15.5

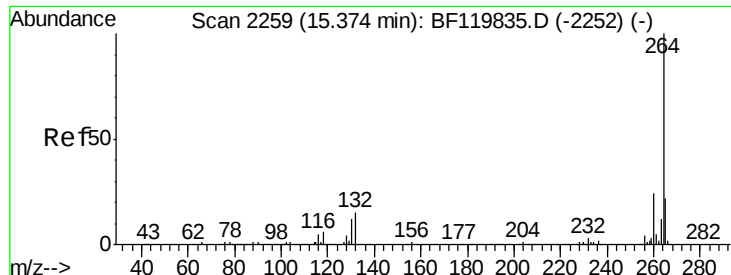


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

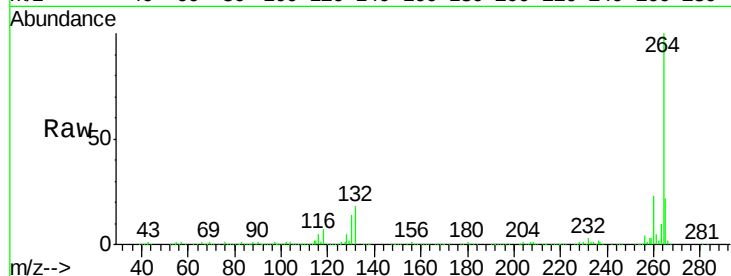




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BF119975.D
 Acq: 15 Apr 2020 1:47

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-223

Tot Ion:	264	Resp:	446535
Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.3	28.9
265	21.9	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

