

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119113.D
 Acq On : 27 Feb 2020 16:43
 Operator : CG/JU
 Sample : L1694-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B4-9-9.5-BGS

Quant Time: Feb 28 04:02:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

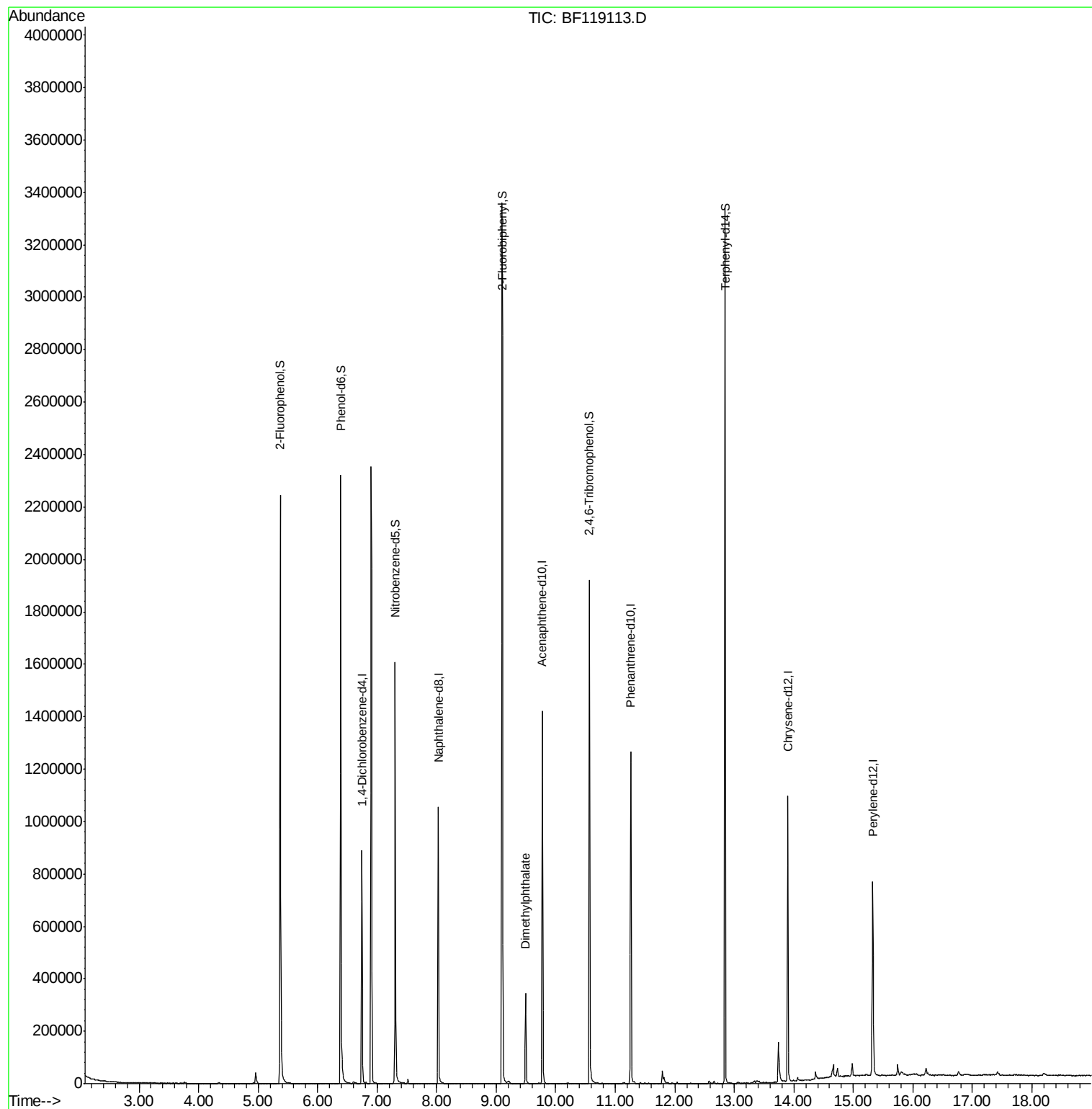
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	139220	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	549608	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	299947	20.00	ng	-0.01
64) Phenanthrene-d10	11.26	188	526291	20.00	ng	0.00
76) Chrysene-d12	13.90	240	382666	20.00	ng	0.00
87) Perylene-d12	15.33	264	367309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	728636	87.46	ng	0.00
7) Phenol-d6	6.39	99	880557	86.91	ng	-0.02
23) Nitrobenzene-d5	7.30	82	573379	55.08	ng	-0.02
42) 2,4,6-Tribromophenol	10.57	330	278689	71.03	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1143574	56.17	ng	-0.01
79) Terphenyl-d14	12.85	244	1253115	56.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	152450	6.647	ng	Qvalue 98

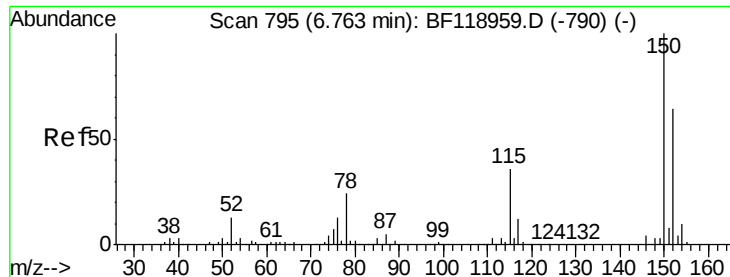
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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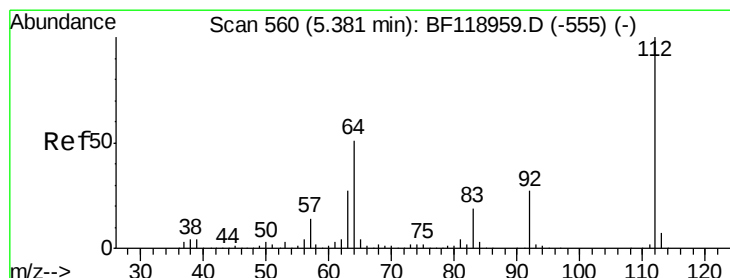
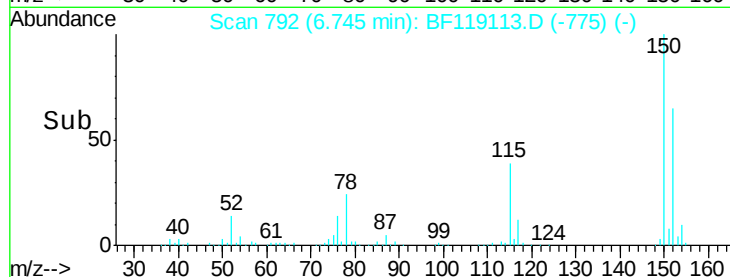
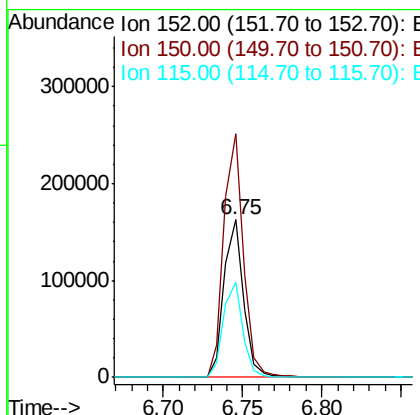
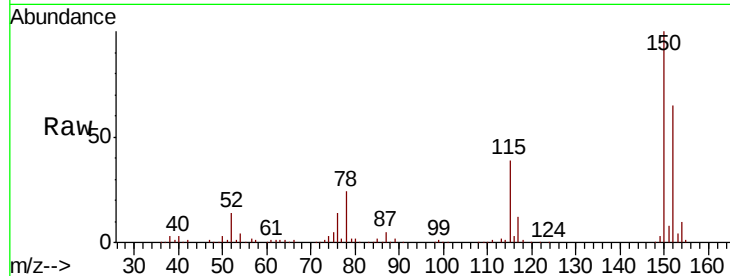


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Instrument :
BNA_F
ClientSampleId :
B4-9-9.5-BGS

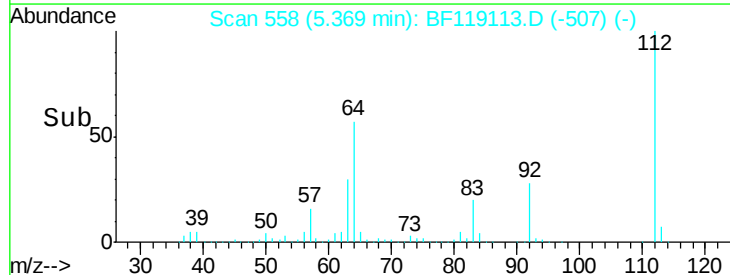
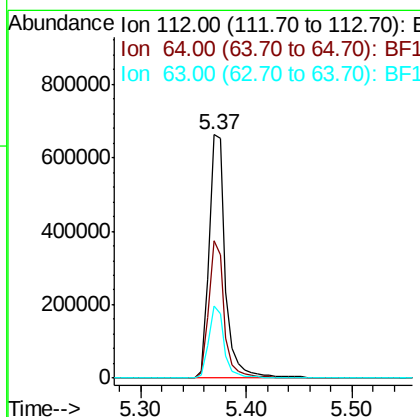
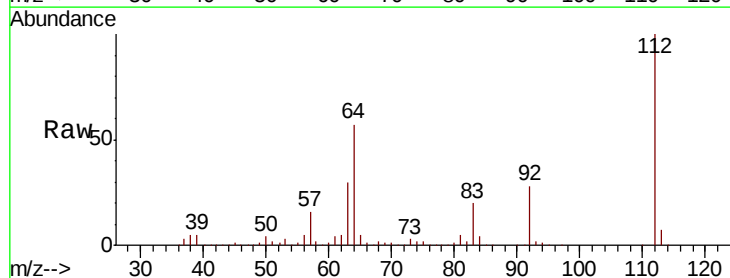
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.0	184.6
115	60.2	49.5	74.3



#5

2-Fluorophenol
Concen: 87.464 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.0	67.4
63	29.5	24.2	36.4





#7

Phenol-d6

Concen: 86.912 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

Instrument :

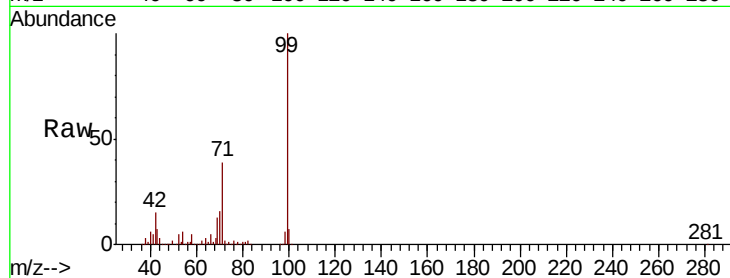
BNA_F

ClientSampleId :

B4-9-9.5-BGS

Tot Ion: 99 Resp: 880557

Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.6	18.8
71	39.1	31.0	46.4

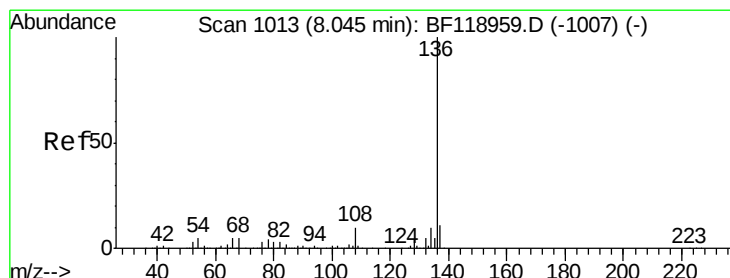
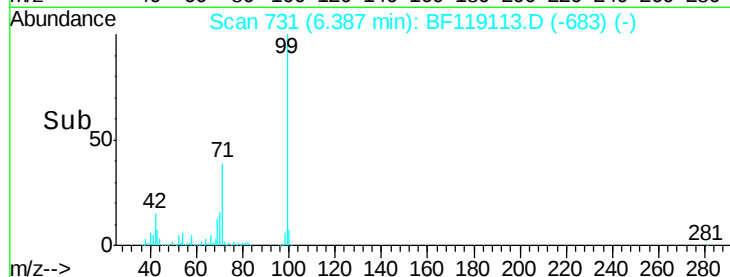
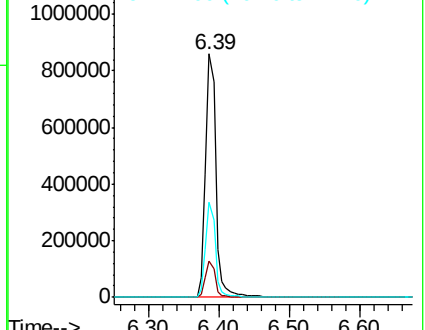


Abundance

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: 8.03 min Scan# 1010

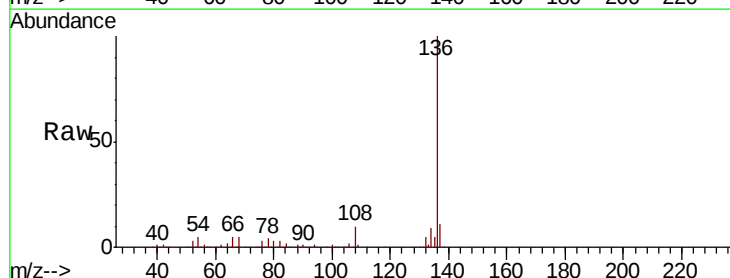
Delta R.T. -0.01 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

Tgt Ion: 136 Resp: 549608

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	4.6	3.8	5.6
68	4.7	3.9	5.9



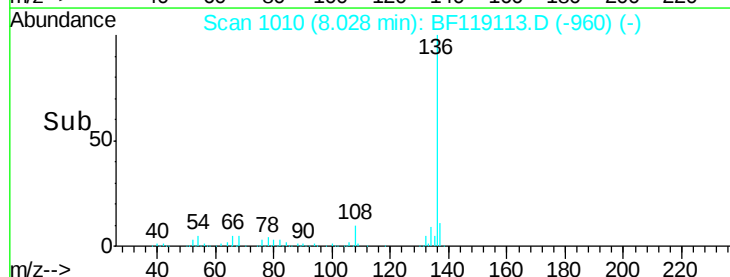
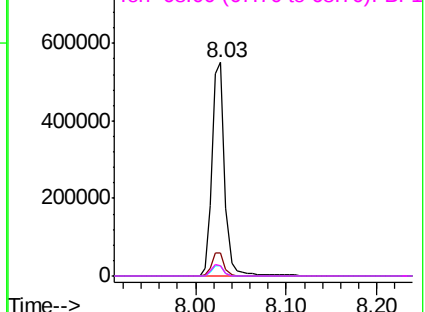
Abundance

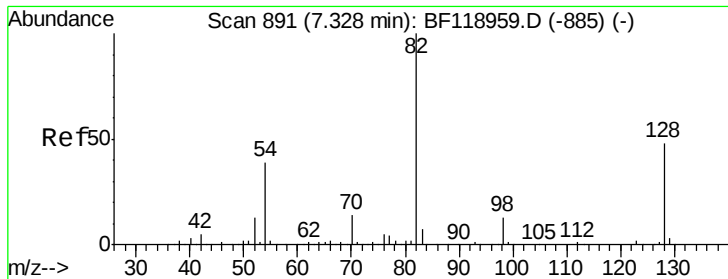
Ion 136.00 (135.70 to 136.70): E

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

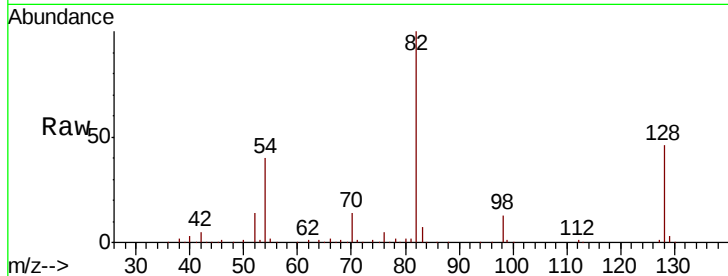




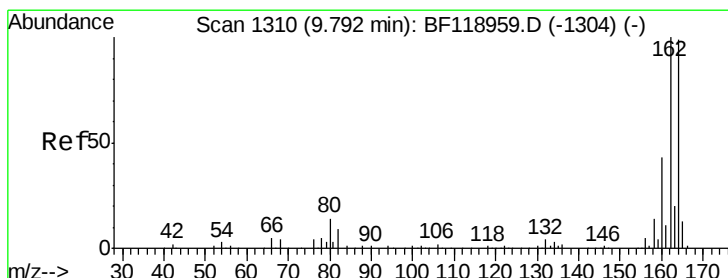
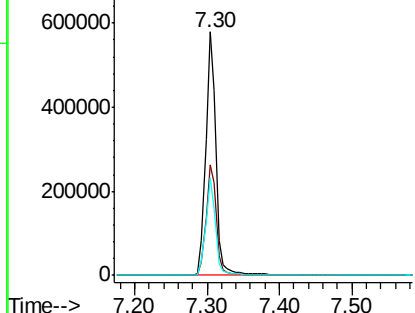
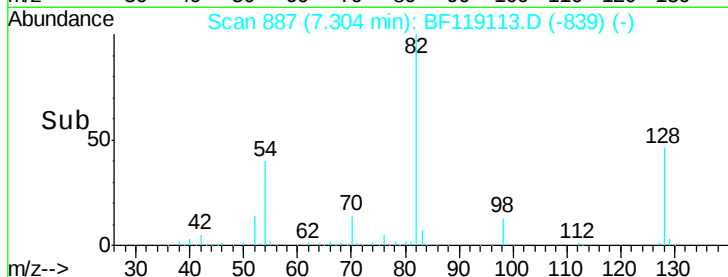
#23
Nitrobenzene-d5
Concen: 55.084 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Instrument :
BNA_F
ClientSampleId :
B4-9-9.5-BGS

Tot Ion: 82 Resp: 573379
Ion Ratio Lower Upper
82 100
128 45.6 37.9 56.9
54 40.2 33.4 50.2

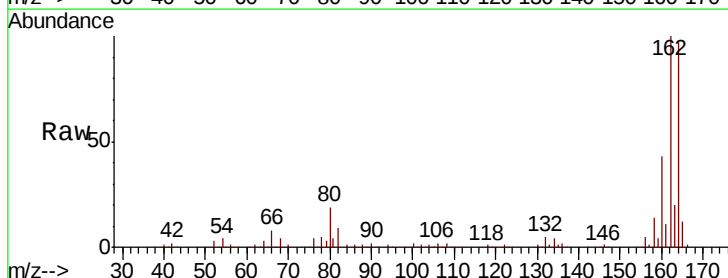


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

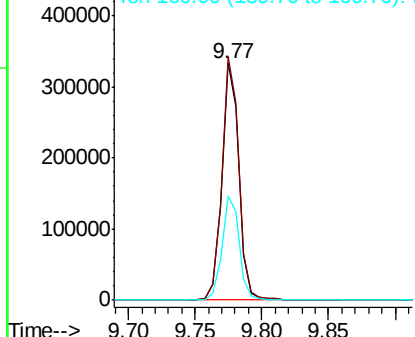
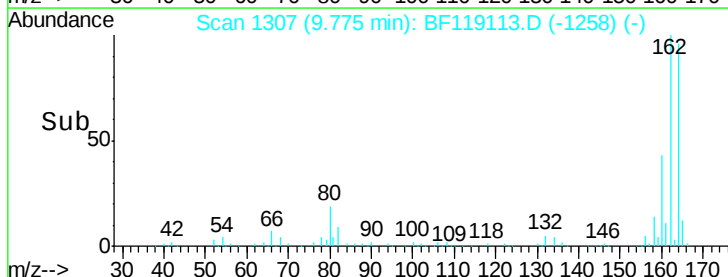


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion:164 Resp: 299947
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.8
160 43.9 36.0 54.0



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: 71.025 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

Instrument :

BNA_F

ClientSampleId :

B4-9-9.5-BGS

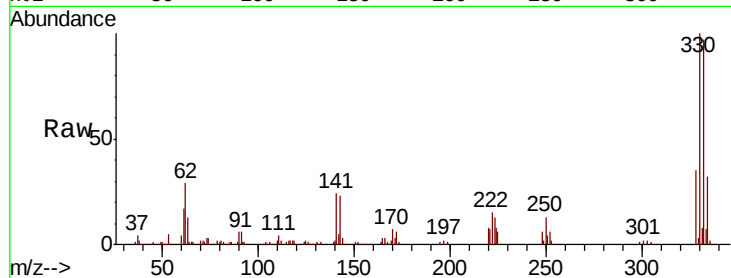
Tot Ion:330 Resp: 278689

Ion Ratio Lower Upper

330 100

332 96.4 76.0 114.0

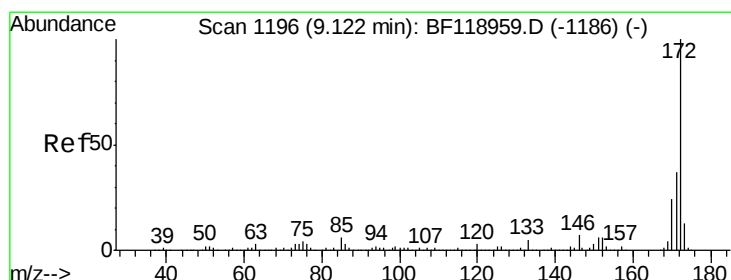
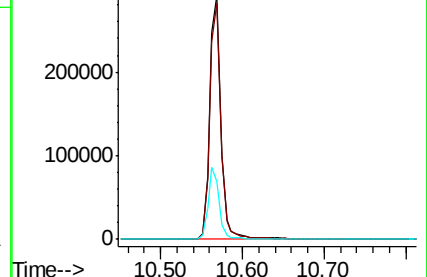
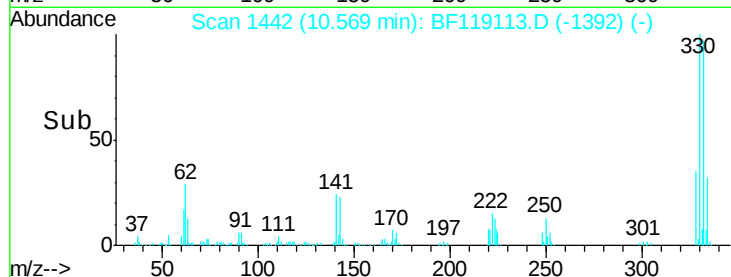
141 29.5 22.9 34.3



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: 56.166 ng

RT: 9.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

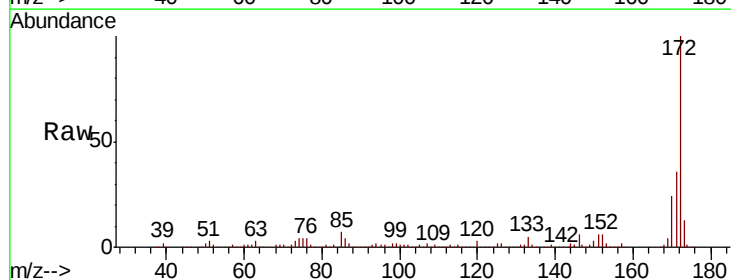
Tgt Ion:172 Resp: 1143574

Ion Ratio Lower Upper

172 100

171 36.2 30.6 45.8

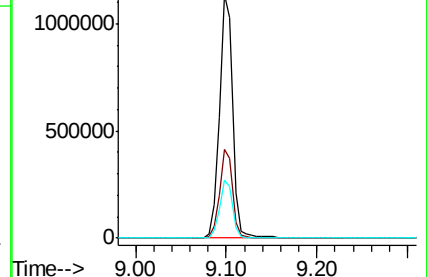
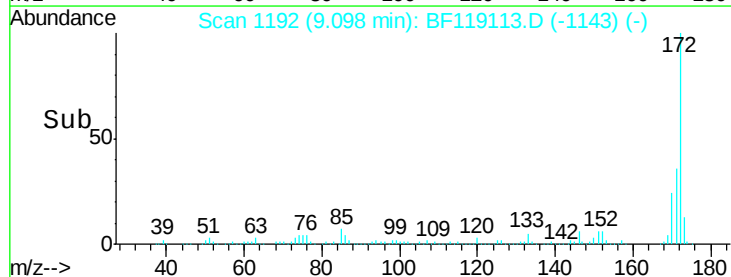
170 24.0 20.2 30.2

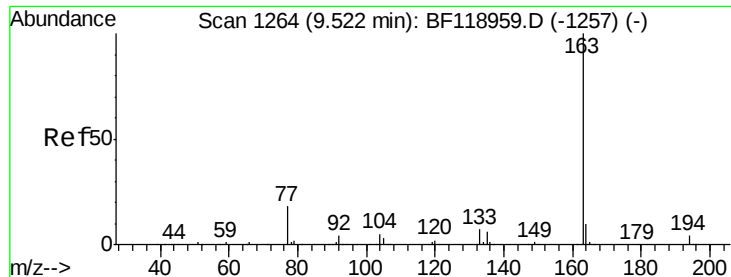


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

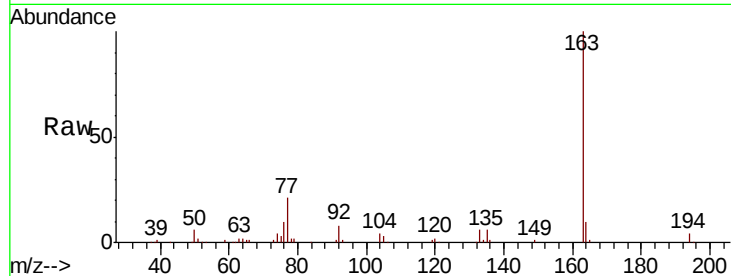




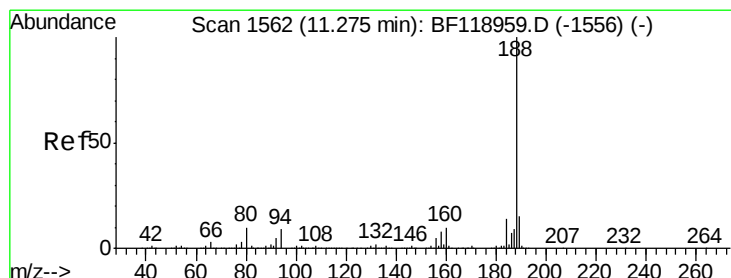
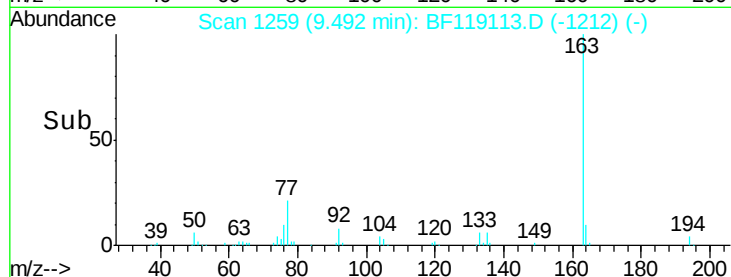
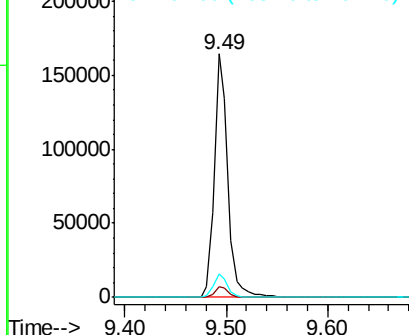
#50
Dimethylphthalate
Concen: 6.647 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Instrument :
BNA_F
ClientSampleId :
B4-9-5-BGS

Tot Ion:163 Resp: 152450
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 9.6 8.4 12.6

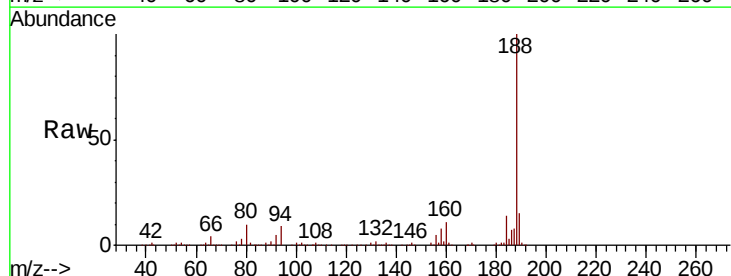


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

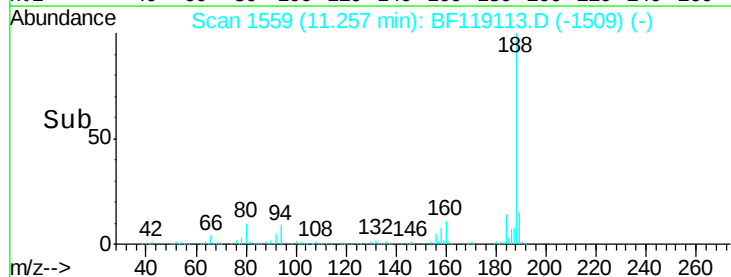
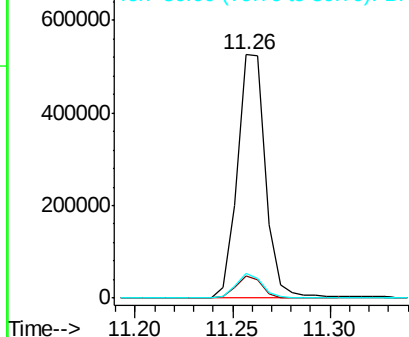


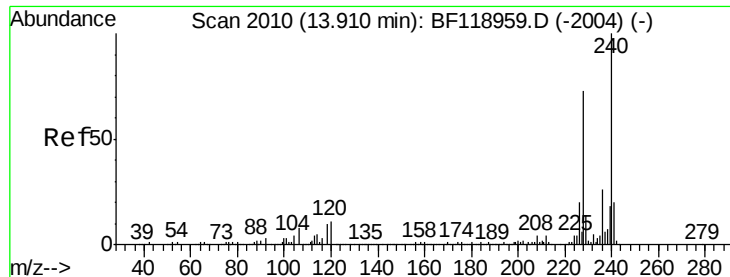
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Tgt Ion:188 Resp: 526291
Ion Ratio Lower Upper
188 100
94 9.1 7.1 10.7
80 10.1 7.8 11.8



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: BF119113.D

Acq: 27 Feb 2020 16:43

Instrument :

BNA_F

ClientSampleId :

B4-9-9.5-BGS

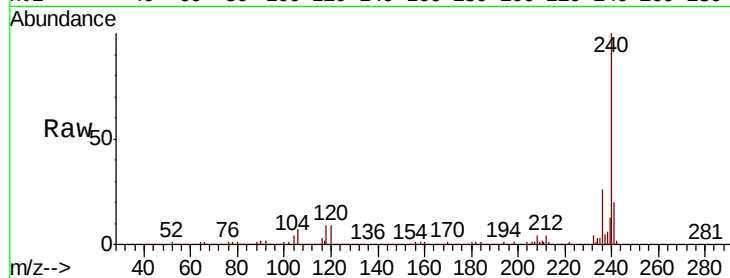
Tot Ion:240 Resp: 382666

Ion Ratio Lower Upper

240 100

120 9.1 8.4 12.6

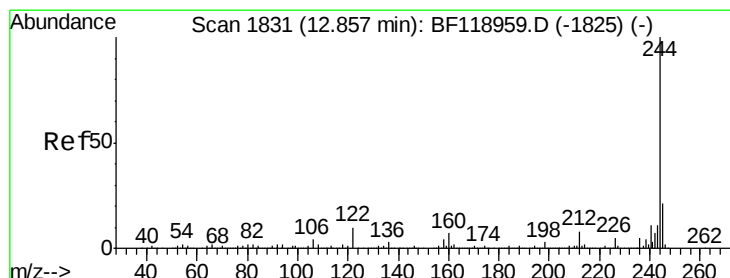
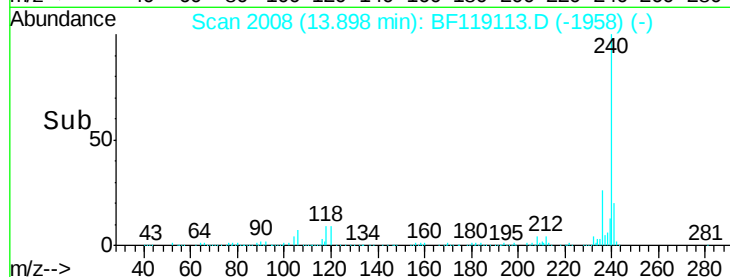
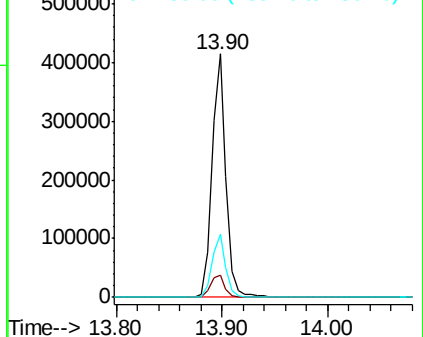
236 25.7 21.0 31.4



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: 56.380 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF119113.D

Acq: 27 Feb 2020 16:43

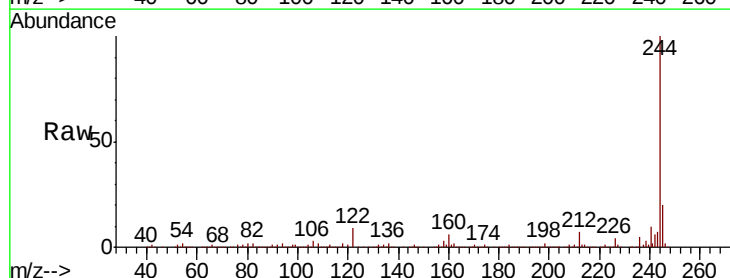
Tgt Ion:244 Resp: 1253115

Ion Ratio Lower Upper

244 100

212 6.9 6.6 10.0

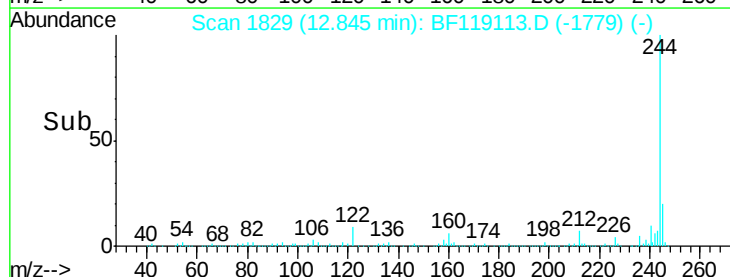
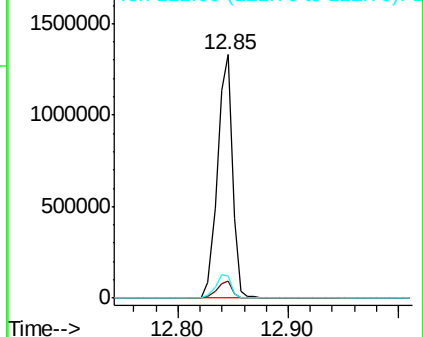
122 9.0 8.2 12.2

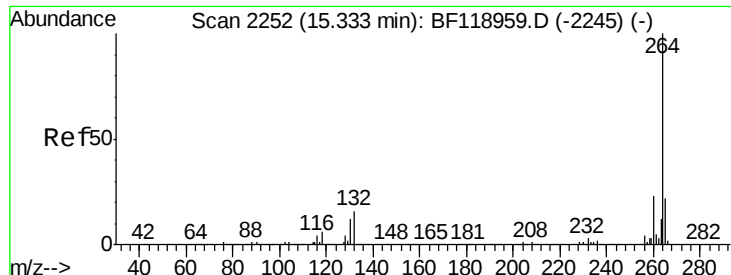


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

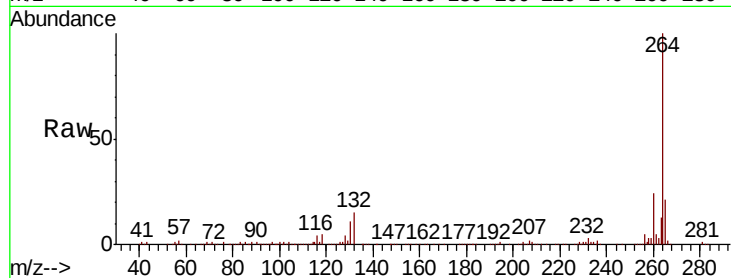




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF119113.D
Acq: 27 Feb 2020 16:43

Instrument :
BNA_F
ClientSampleId :
B4-9-9.5-BGS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.5	17.7	26.5



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

