

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119339.D
 Acq On : 11 Mar 2020 7:27
 Operator : CG/JU
 Sample : L1826-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MC5B41

Quant Time: Mar 11 09:21:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

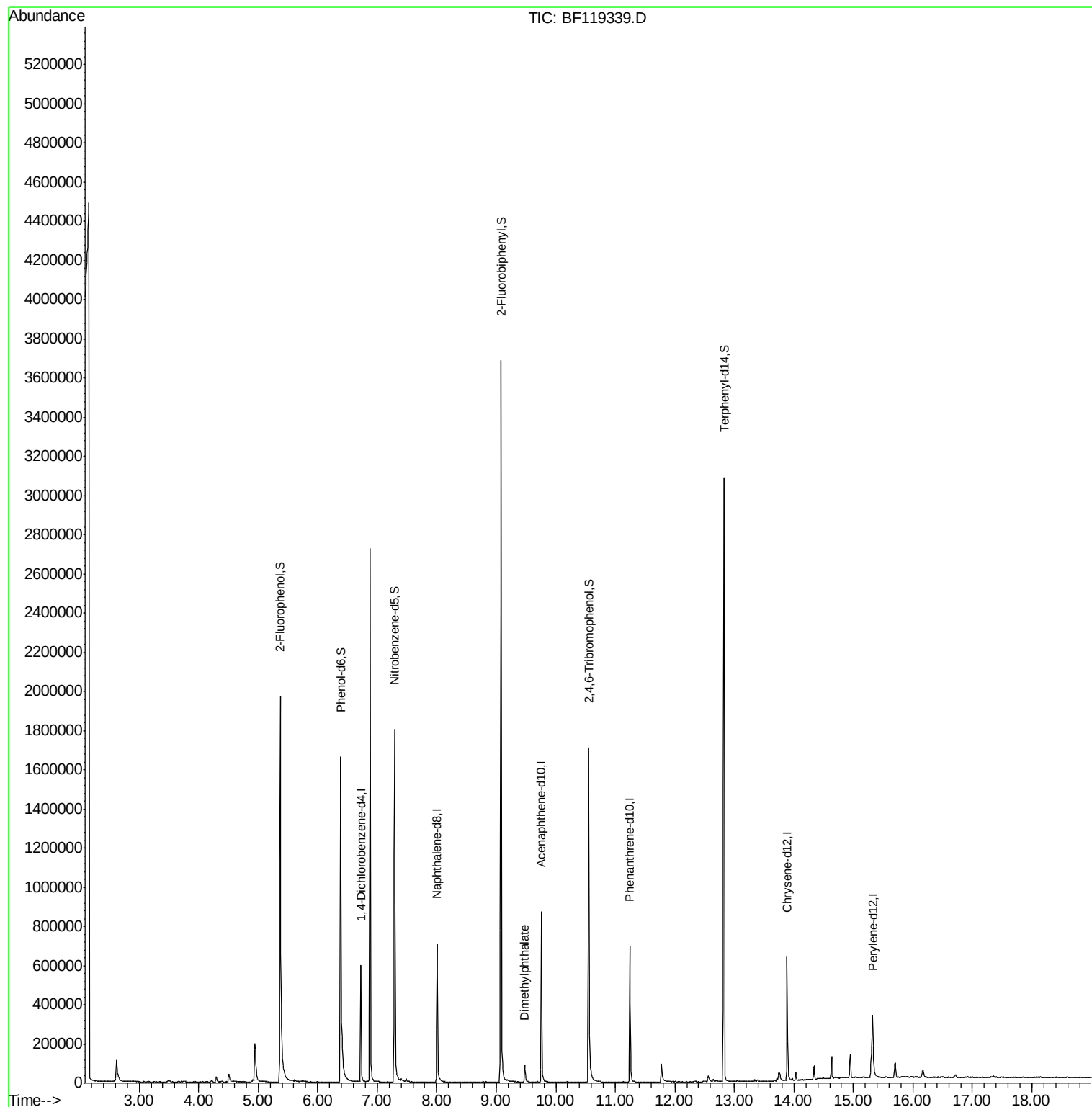
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	102726	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	384922	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	185881	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	292474	20.00	ng	0.00
76) Chrysene-d12	13.89	240	233526	20.00	ng	0.00
87) Perylene-d12	15.32	264	193398	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	750130	122.03	ng	0.02
7) Phenol-d6	6.39	99	800397	107.07	ng	0.00
23) Nitrobenzene-d5	7.29	82	627921	86.13	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	268235	110.31	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1234152	97.81	ng	0.00
79) Terphenyl-d14	12.83	244	1250988	92.23	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	50330	3.541	ng	Qvalue 99

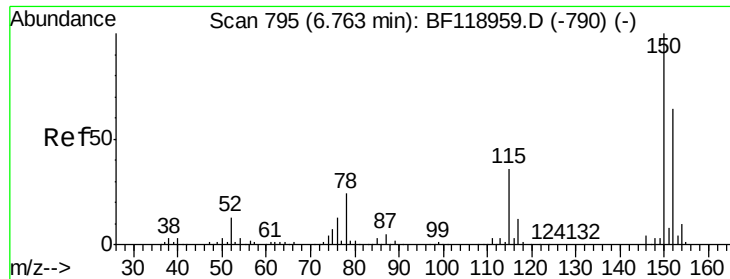
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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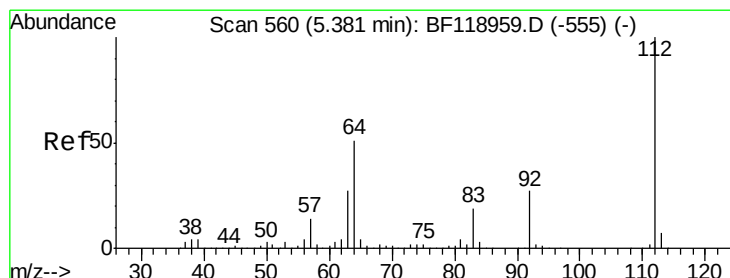
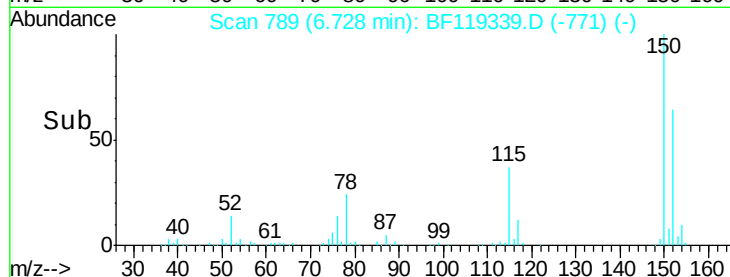
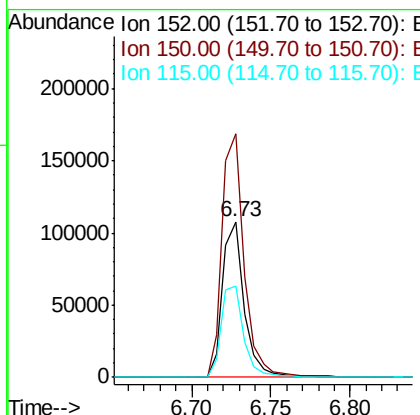
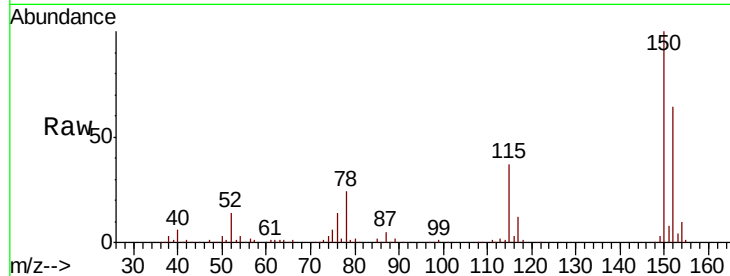


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119339.D
Acq: 11 Mar 2020 7:27

Instrument :
BNA_F
ClientSampled :
MC5B41

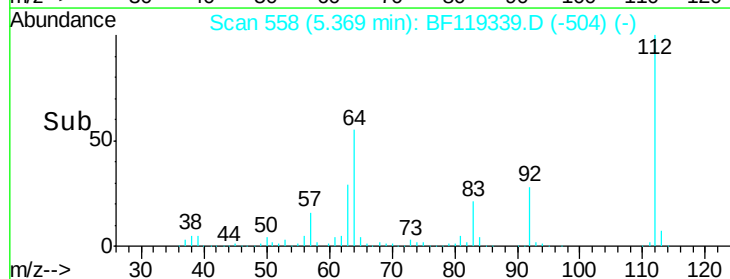
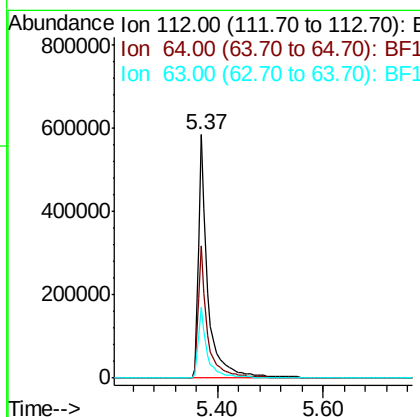
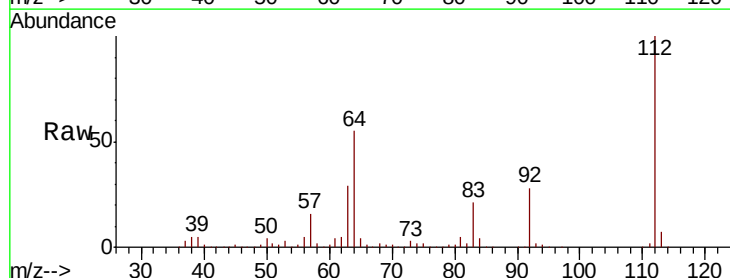
Tot Ion:152 Resp: 102726
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.5 49.5 74.3

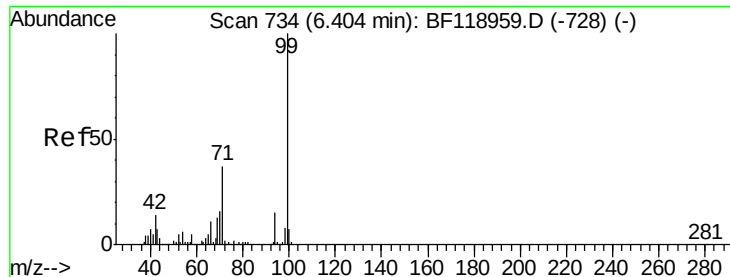


#5

2-Fluorophenol
Concen: 122.033 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119339.D
Acq: 11 Mar 2020 7:27

Tgt Ion:112 Resp: 750130
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 29.3 24.2 36.4





#7

Phenol-d6

Concen: 107.065 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119339.D

Acq: 11 Mar 2020 7:27

Instrument :

BNA_F

ClientSampleId :

MC5B41

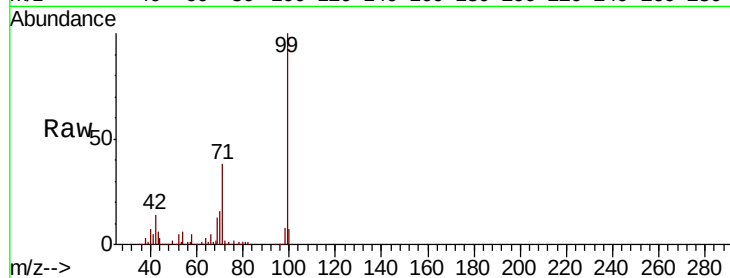
Tot Ion: 99 Resp: 800397

Ion Ratio Lower Upper

99 100

42 14.3 12.6 18.8

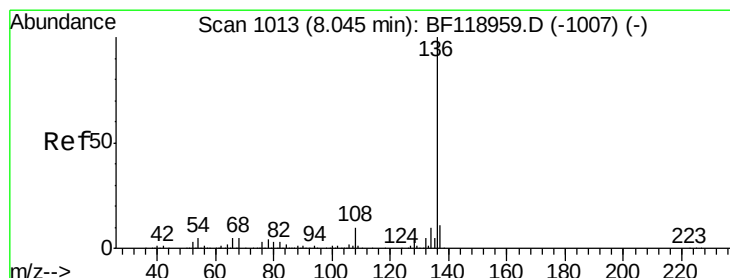
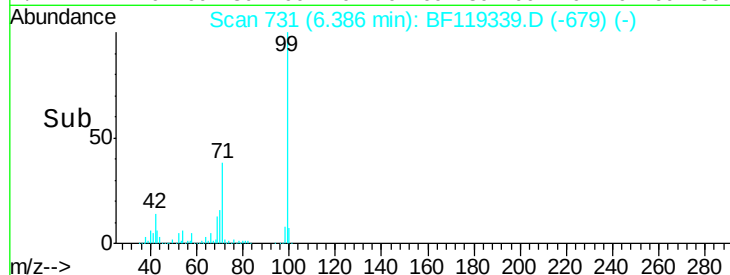
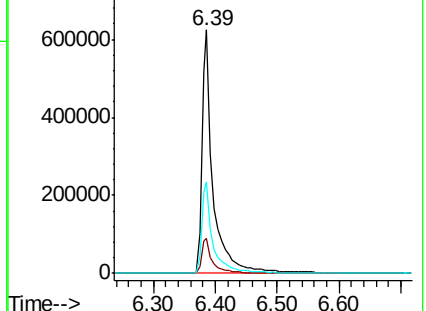
71 37.7 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119339.D

Acq: 11 Mar 2020 7:27

Tgt Ion: 136 Resp: 384922

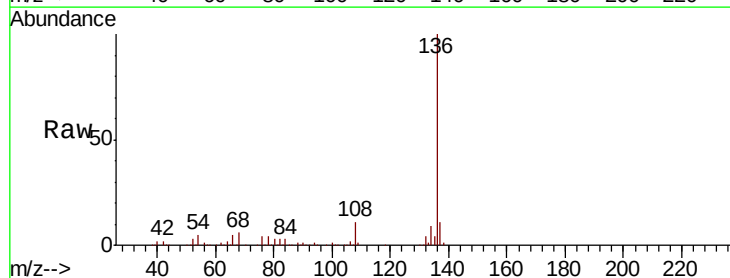
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 5.0 3.8 5.6

68 5.6 3.9 5.9

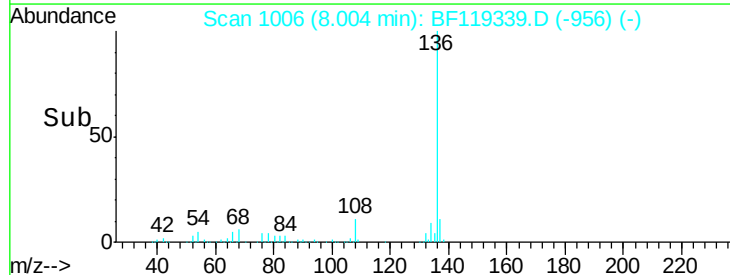
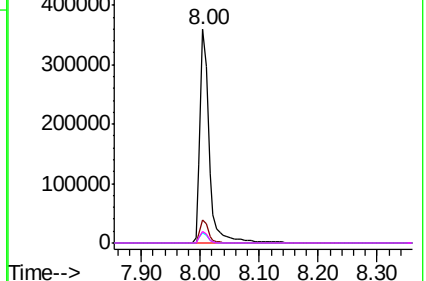


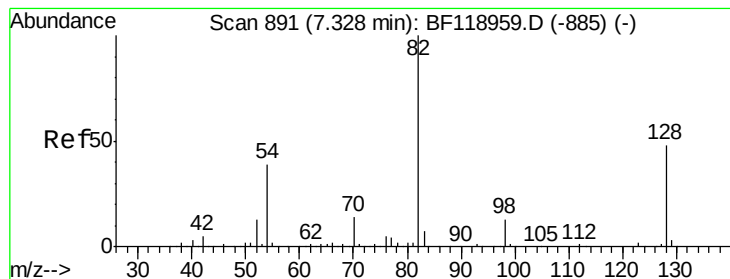
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.132 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119339.D

Acq: 11 Mar 2020 7:27

Instrument :

BNA_F

ClientSampleId :

MC5B41

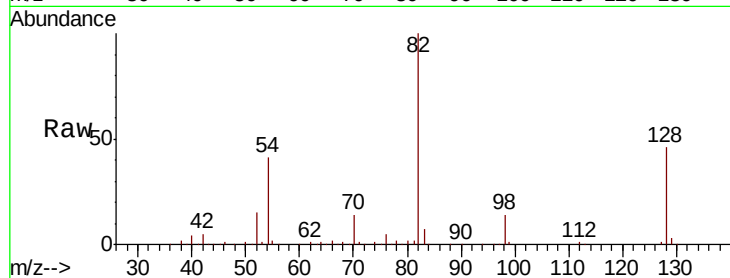
Tot Ion: 82 Resp: 627921

Ion Ratio Lower Upper

82 100

128 45.9 37.9 56.9

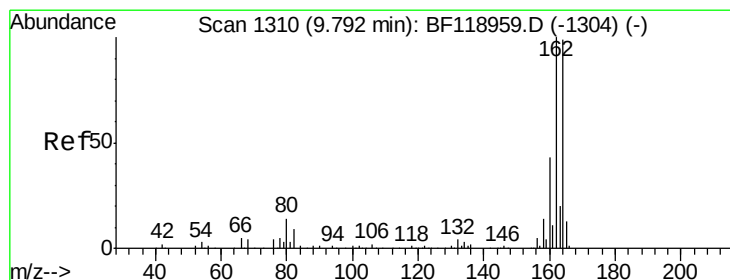
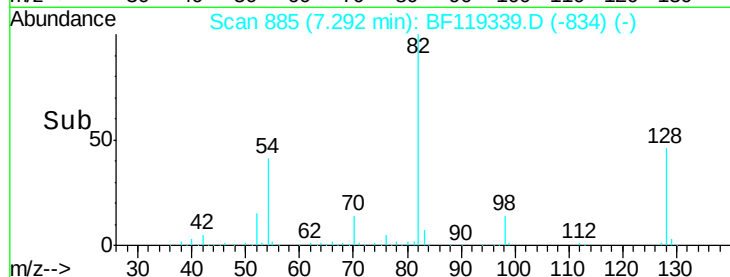
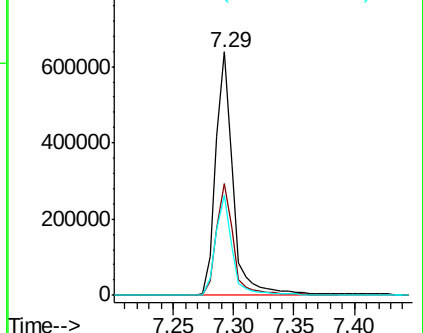
54 41.2 33.4 50.2



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119339.D

Acq: 11 Mar 2020 7:27

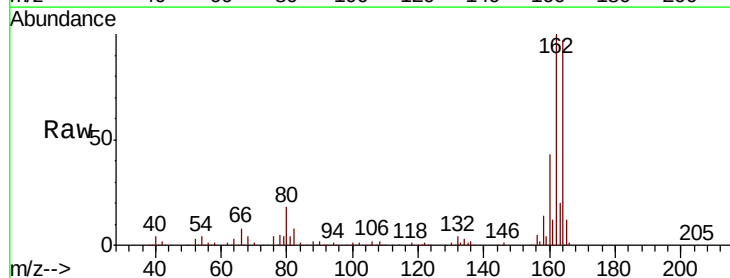
Tgt Ion:164 Resp: 185881

Ion Ratio Lower Upper

164 100

162 103.6 81.8 122.8

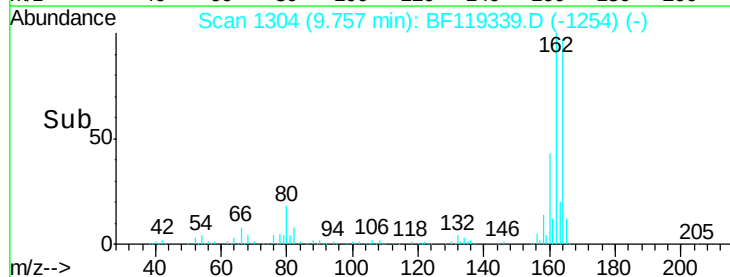
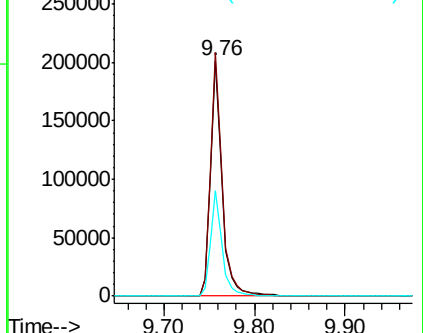
160 44.7 36.0 54.0

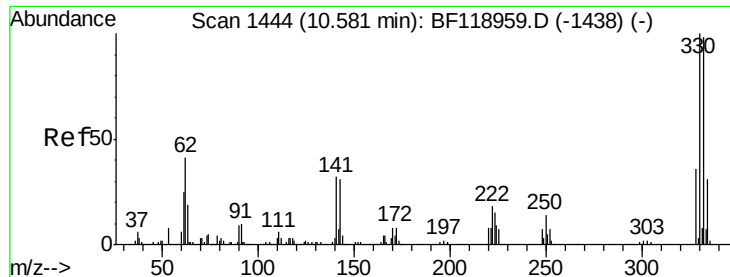


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

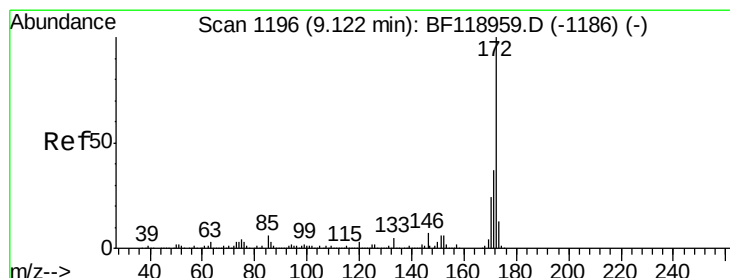
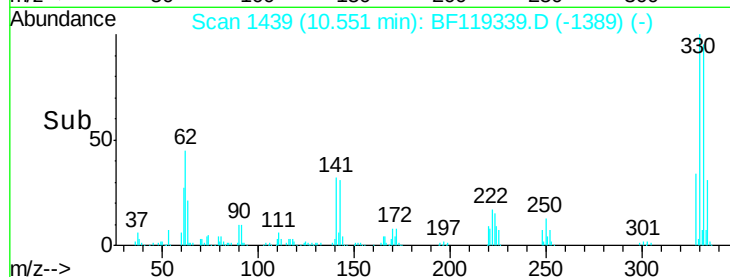
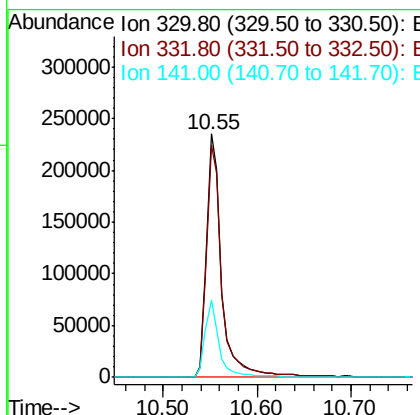
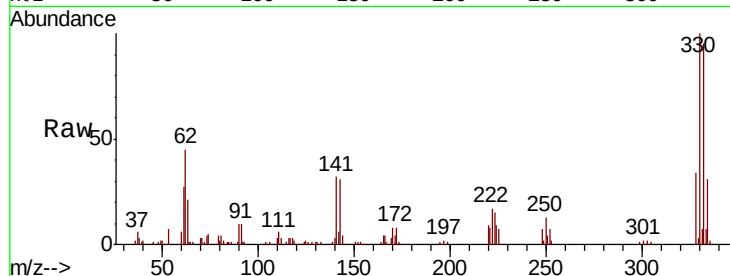




#42
 2,4,6-Tribromophenol
 Concen: 110.310 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119339.D
 Acq: 11 Mar 2020 7:27

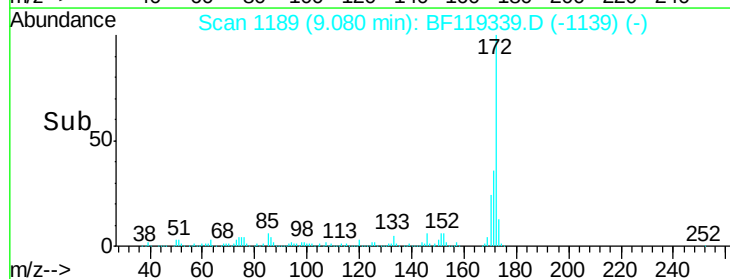
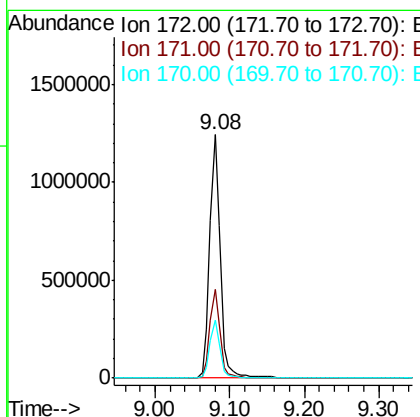
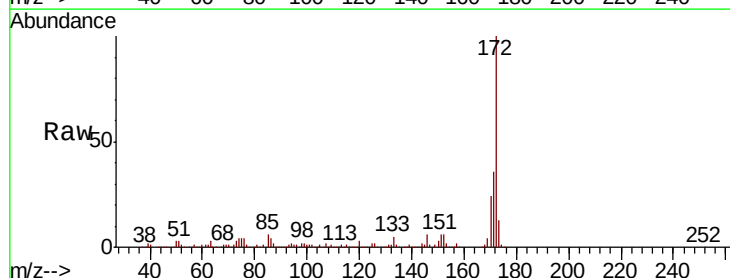
Instrument :
 BNA_F
 ClientSampleId :
 MC5B41

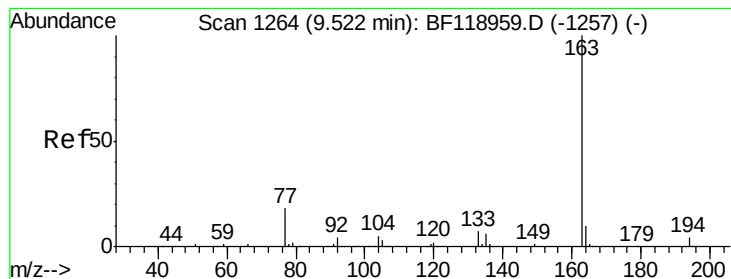
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.0	114.0
141	30.5	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 97.811 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119339.D
 Acq: 11 Mar 2020 7:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.6	45.8
170	23.6	20.2	30.2





#50

Dimethylphthalate

Concen: 3.541 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF119339.D

Acq: 11 Mar 2020 7:27

Instrument :

BNA_F

ClientSampled :

MC5B41

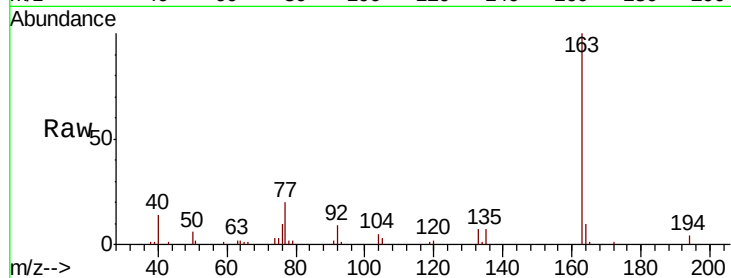
Tot Ion:163 Resp: 50330

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

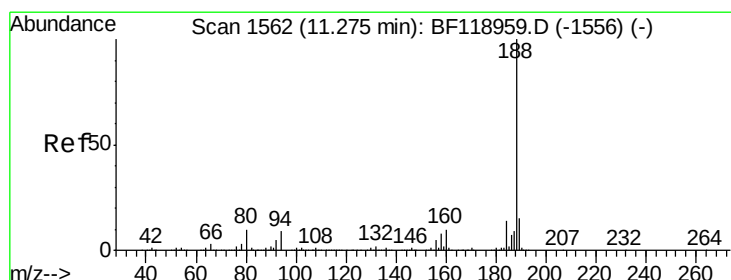
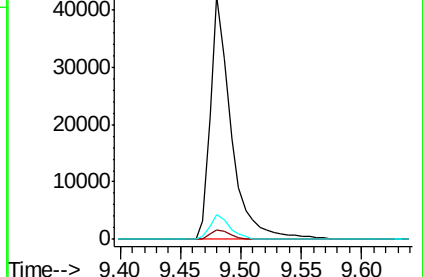
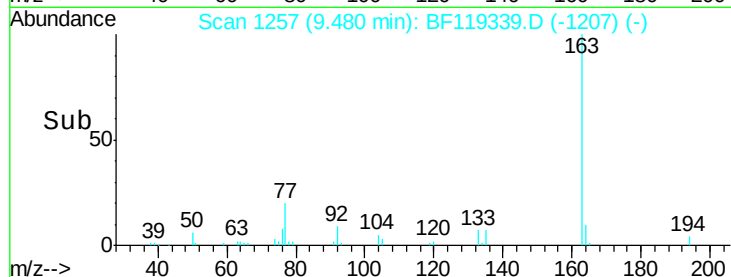
164 10.3 8.4 12.6



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: 11.24 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119339.D

Acq: 11 Mar 2020 7:27

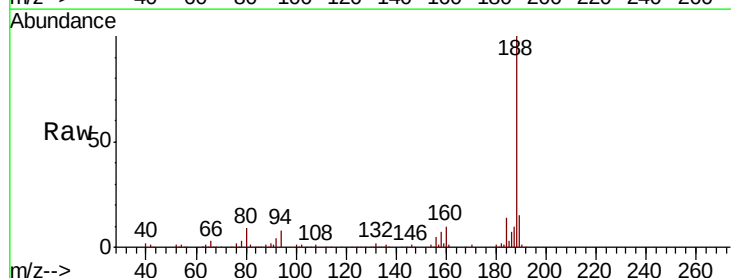
Tgt Ion:188 Resp: 292474

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

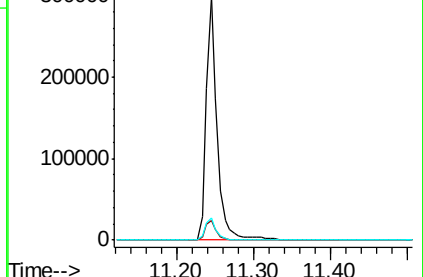
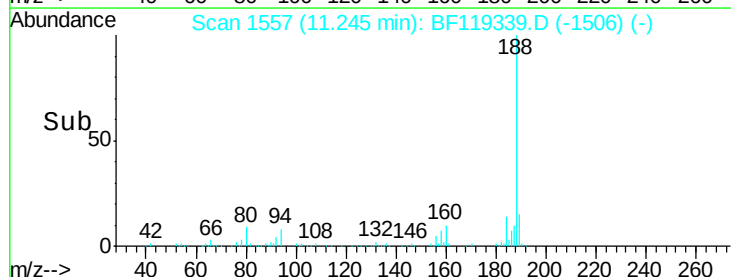
80 8.9 7.8 11.8

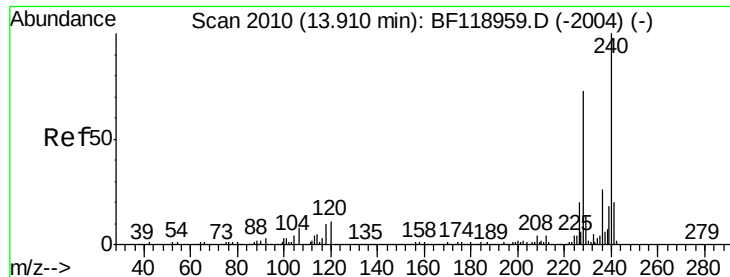


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

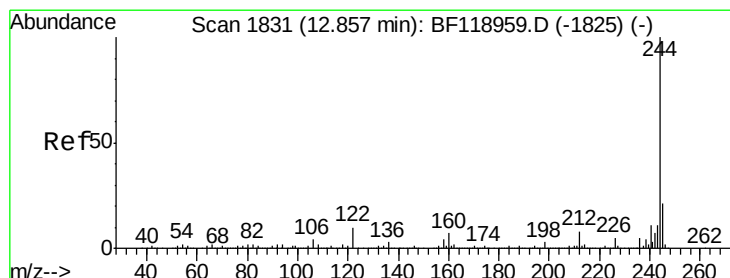
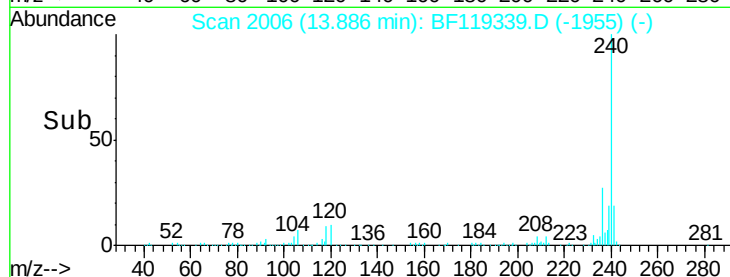
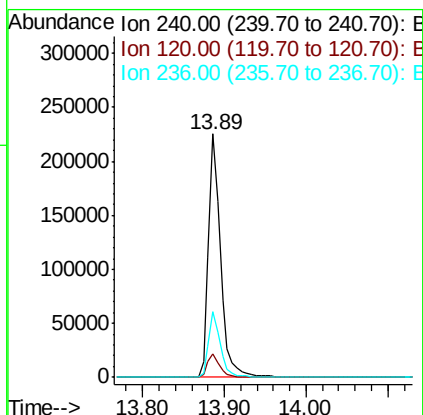
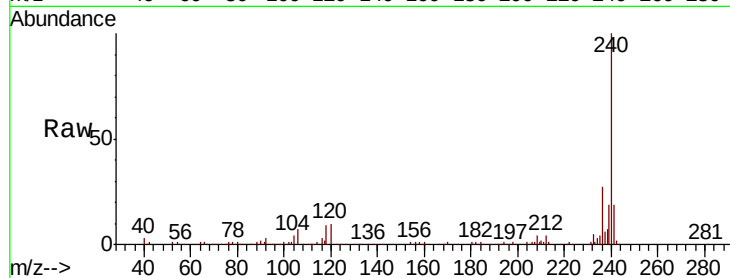




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF119339.D
 Acq: 11 Mar 2020 7:27

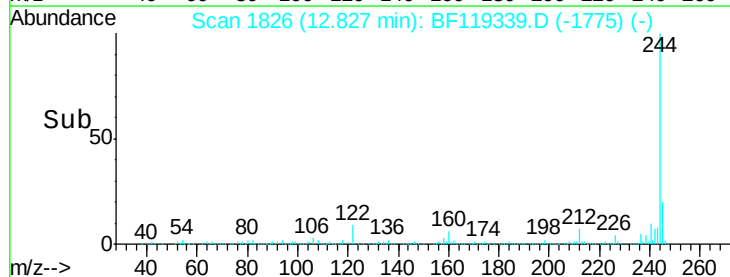
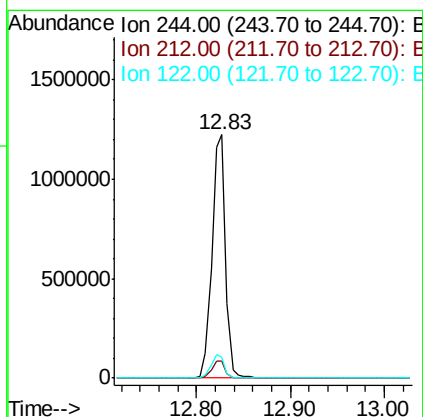
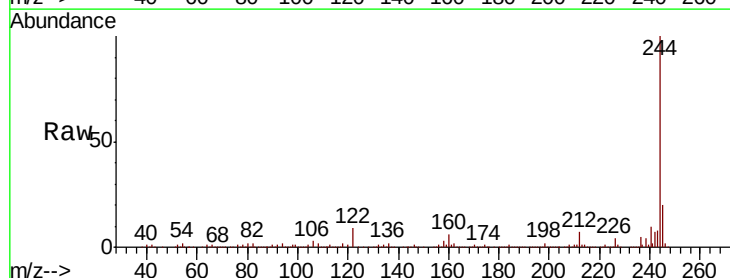
Instrument :
 BNA_F
 ClientSampleId :
 MC5B41

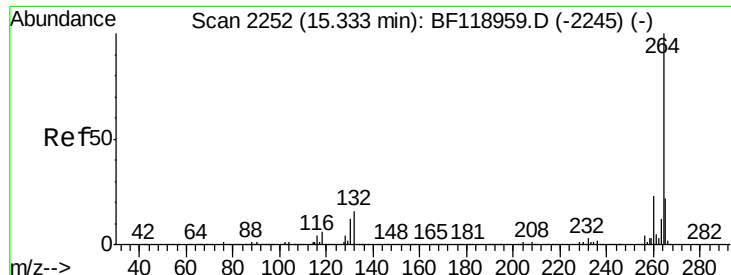
Tot Ion:240 Resp: 233526
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.4 12.6
 236 27.1 21.0 31.4



#79
 Terphenyl-d14
 Concen: 92.229 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF119339.D
 Acq: 11 Mar 2020 7:27

Tgt Ion:244 Resp: 1250988
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.6 10.0
 122 8.8 8.2 12.2

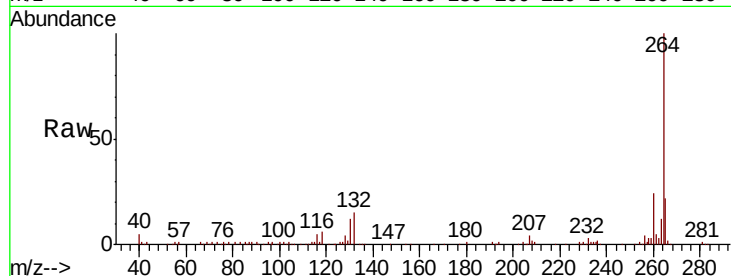




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF119339.D
Acq: 11 Mar 2020 7:27

Instrument :
BNA_F
ClientSampleId :
MC5B41

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	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

