

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119079.D
 Acq On : 25 Feb 2020 22:14
 Operator : CG/JU
 Sample : L1669-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11991

Quant Time: Feb 26 03:50:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

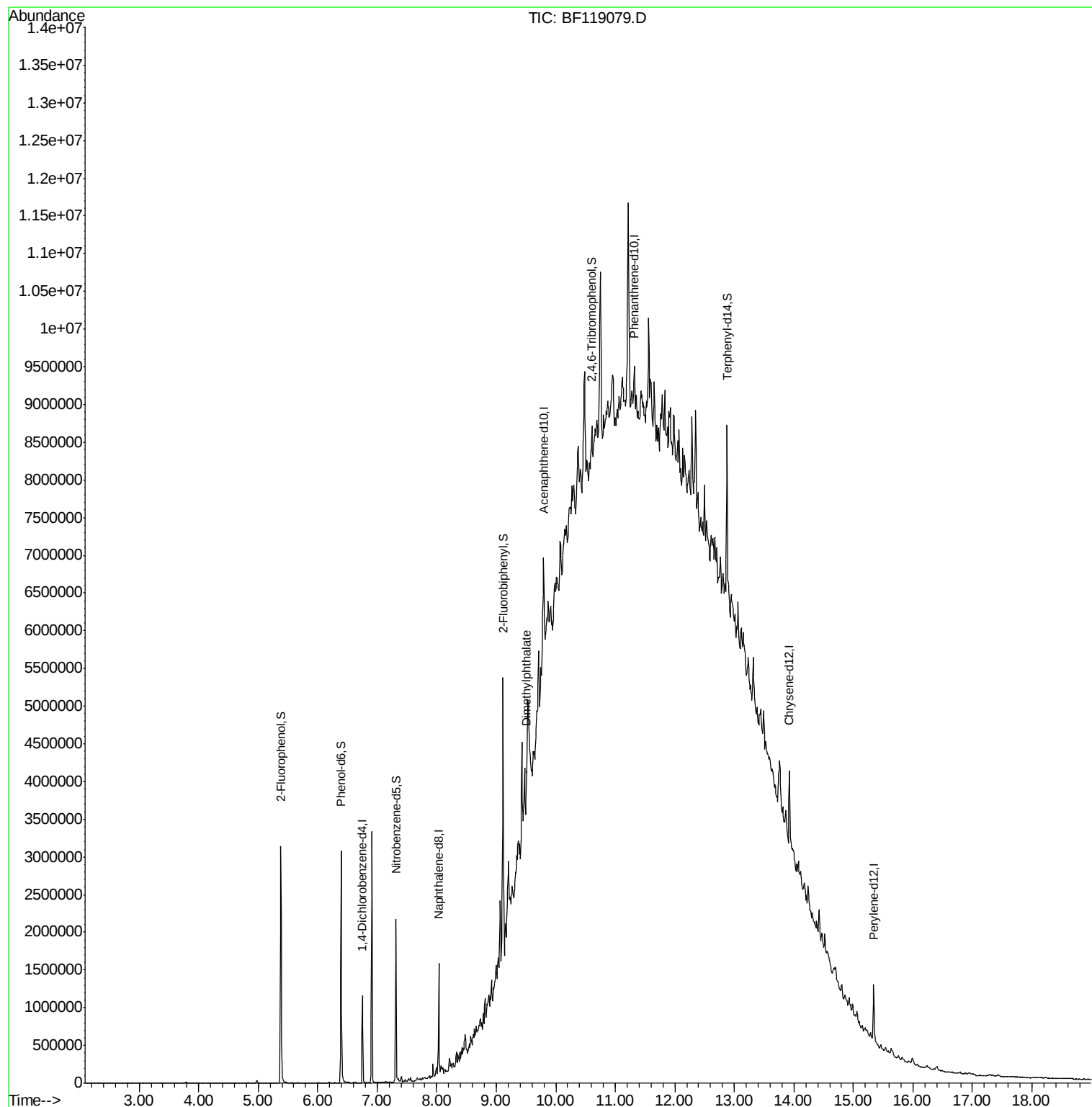
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	177362	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	647123	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	235210	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	306375	20.00	ng	0.03
76) Chrysene-d12	13.92	240	301111	20.00	ng	0.01
87) Perylene-d12	15.34	264	325163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	942742	88.83	ng	0.00
7) Phenol-d6	6.40	99	1172985	90.88	ng	0.00
23) Nitrobenzene-d5	7.32	82	767059	62.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	281746	91.57	ng	0.02
45) 2-Fluorobiphenyl	9.12	172	1364903	85.49	ng	0.00
79) Terphenyl-d14	12.87	244	1007631	57.61	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.50	163	72147	4.011	ng	Qvalue # 57

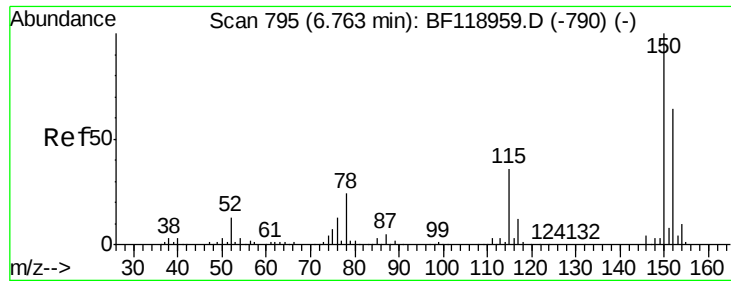
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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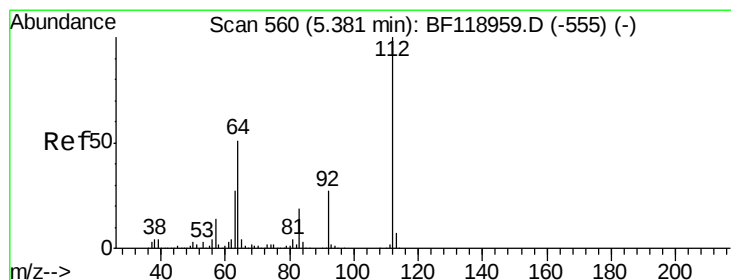
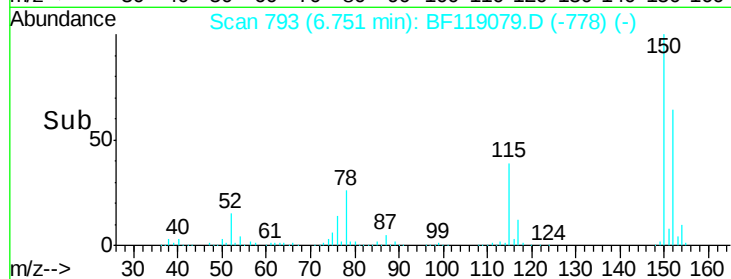
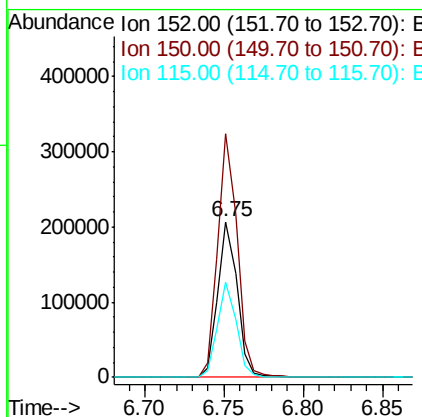
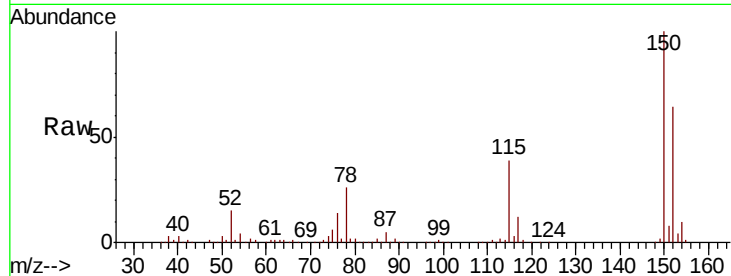


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119079.D
Acq: 25 Feb 2020 22:14

Instrument :
BNA_F
ClientSampleId :
72-11991

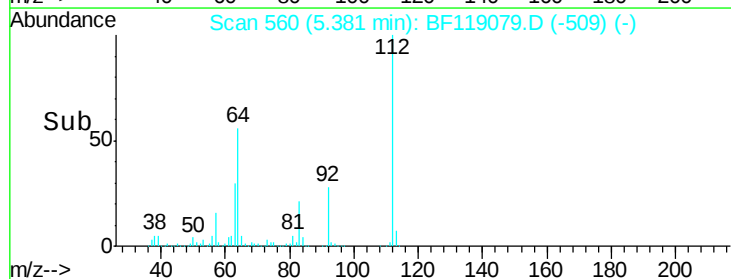
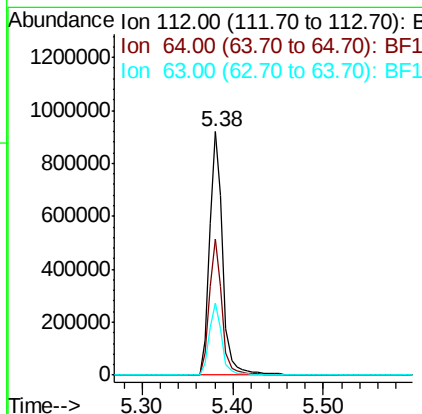
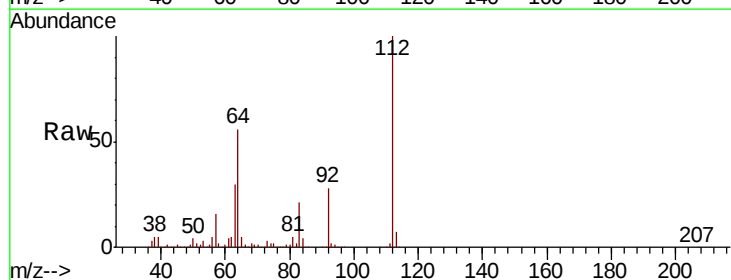
Tot Ion:152 Resp: 177362
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 60.9 44.6 67.0



#5

2-Fluorophenol
Concen: 88.829 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119079.D
Acq: 25 Feb 2020 22:14

Tgt Ion:112 Resp: 942742
Ion Ratio Lower Upper
112 100
64 56.1 40.4 60.6
63 29.8 21.3 31.9





#7

Phenol-d6

Concen: 90.877 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119079.D

Acq: 25 Feb 2020 22:14

Instrument :

BNA_F

ClientSampleId :

72-11991

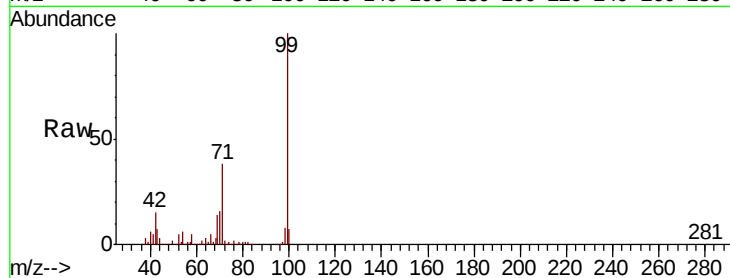
Tot Ion: 99 Resp: 1172985

Ion Ratio Lower Upper

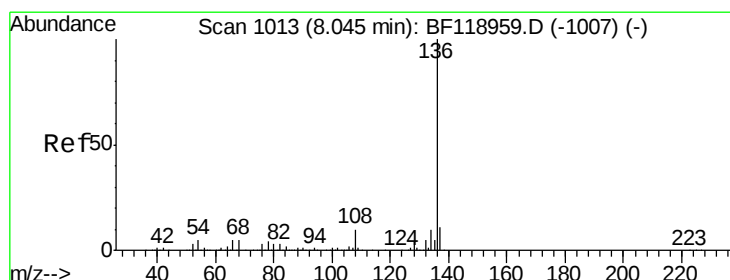
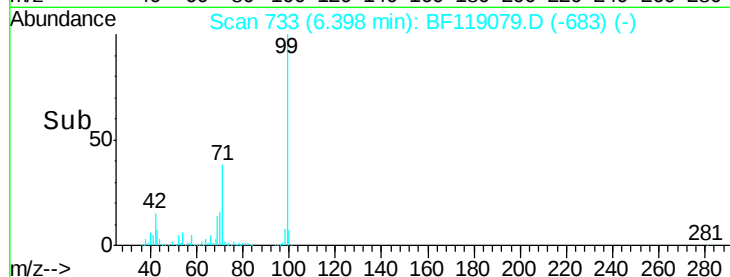
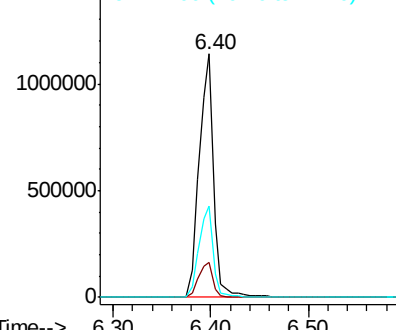
99 100

42 14.6 11.4 17.0

71 37.6 29.8 44.6



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# 1011

Delta R.T. -0.01 min

Lab File: BF119079.D

Acq: 25 Feb 2020 22:14

Tgt Ion: 136 Resp: 647123

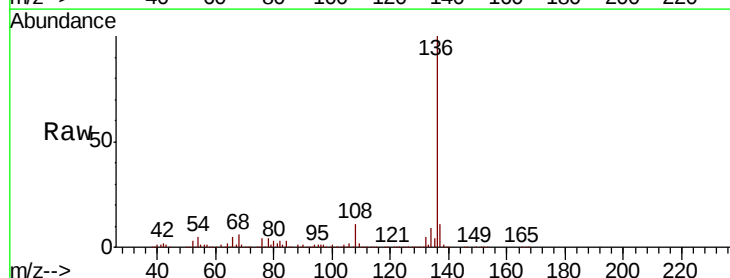
Ion Ratio Lower Upper

136 100

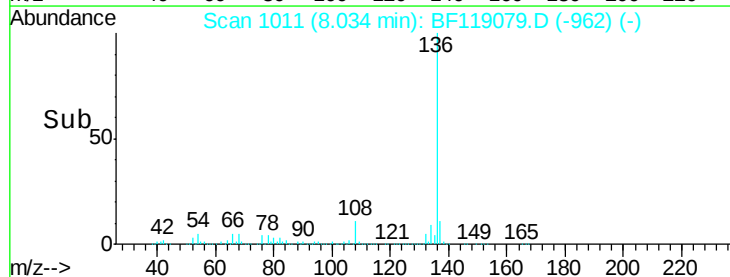
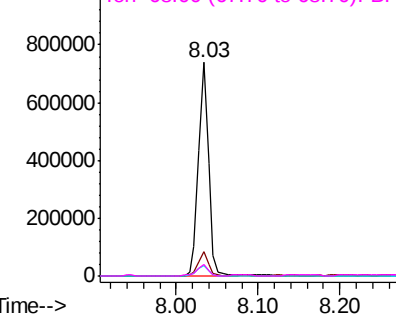
137 11.1 8.9 13.3

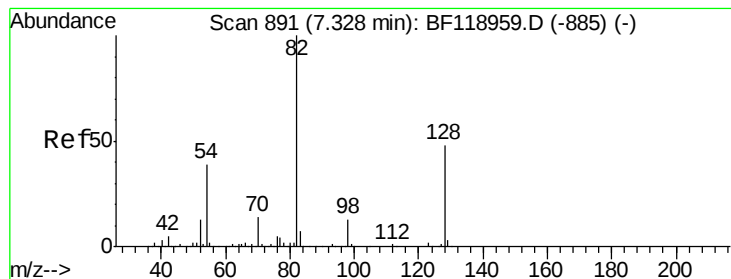
54 5.1 3.8 5.6

68 5.6 4.2 6.2



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: 62.586 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119079.D

Acq: 25 Feb 2020 22:14

Instrument :

BNA_F

ClientSampleId :

72-11991

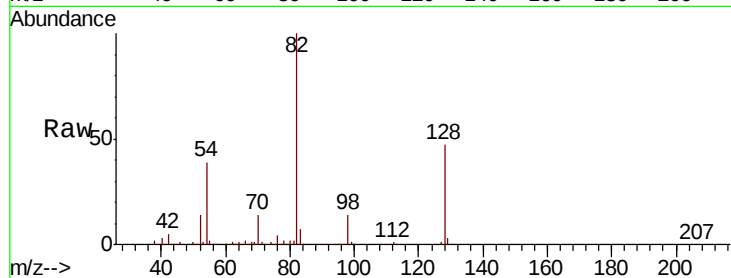
Tot Ion: 82 Resp: 767059

Ion Ratio Lower Upper

82 100

128 47.1 38.2 57.2

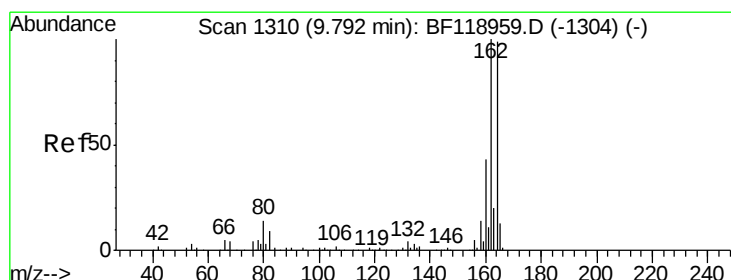
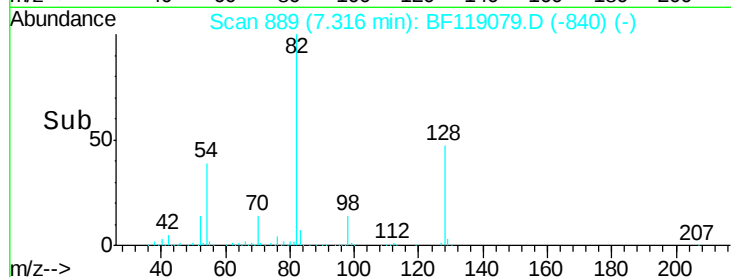
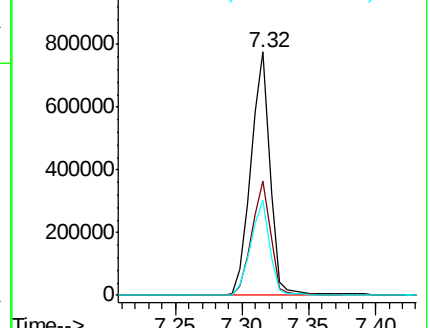
54 39.2 31.3 46.9



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: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF119079.D

Acq: 25 Feb 2020 22:14

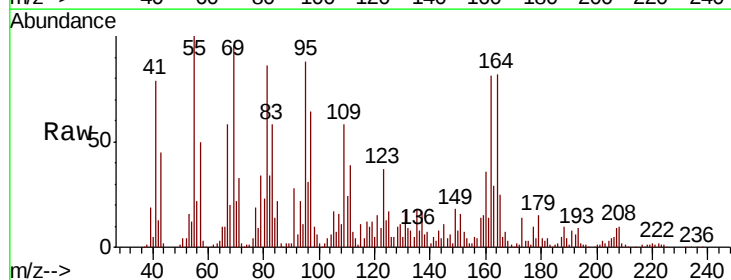
Tgt Ion: 164 Resp: 235210

Ion Ratio Lower Upper

164 100

162 98.1 81.2 121.8

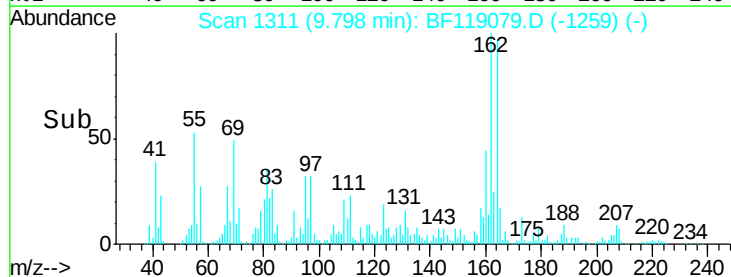
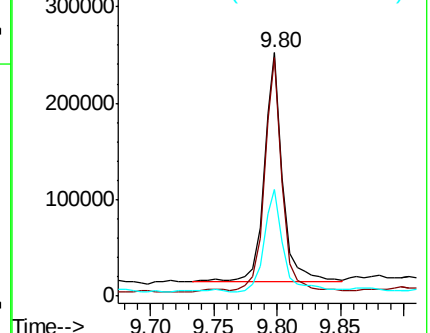
160 43.6 35.2 52.8



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: 91.567 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.02 min

Lab File: BF119079.D

Acq: 25 Feb 2020 22:14

Instrument :

BNA_F

ClientSampleId :

72-11991

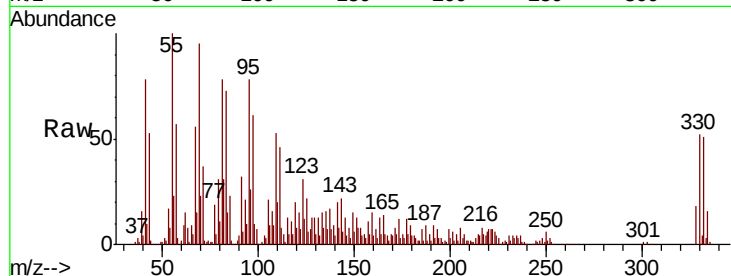
Tot Ion:330 Resp: 281746

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

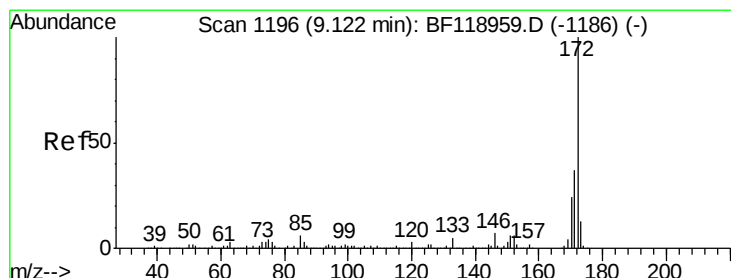
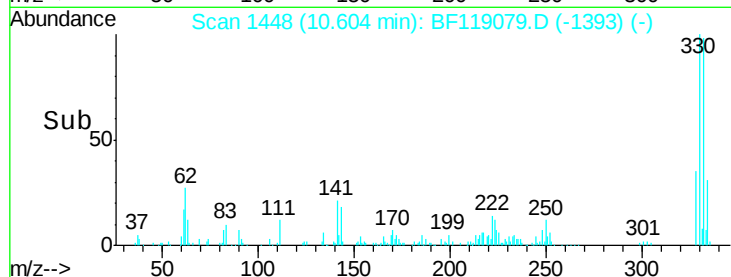
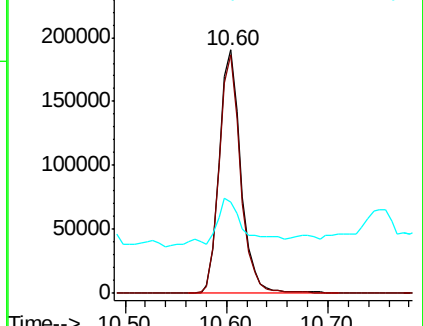
141 21.1 23.0 34.6#



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: 85.487 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF119079.D

Acq: 25 Feb 2020 22:14

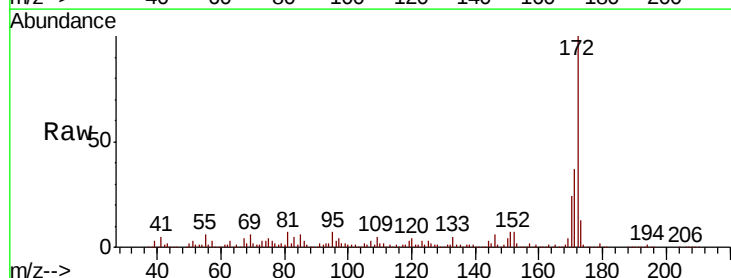
Tgt Ion:172 Resp: 1364903

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.2

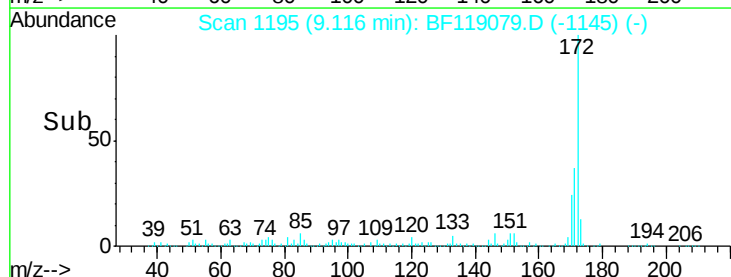
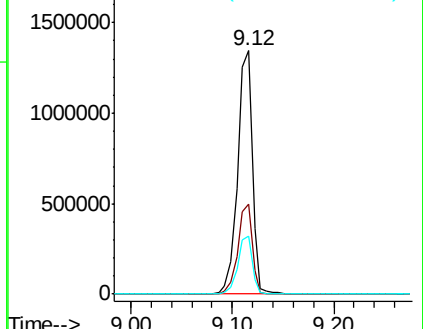
170 24.0 19.6 29.4

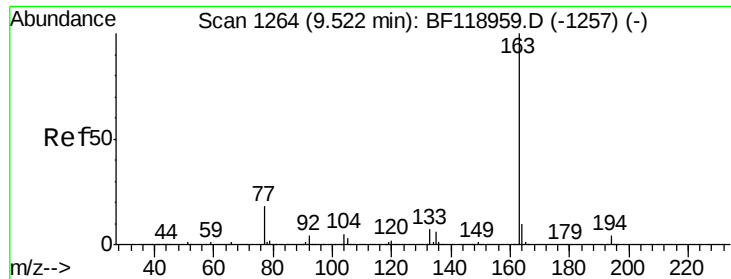


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

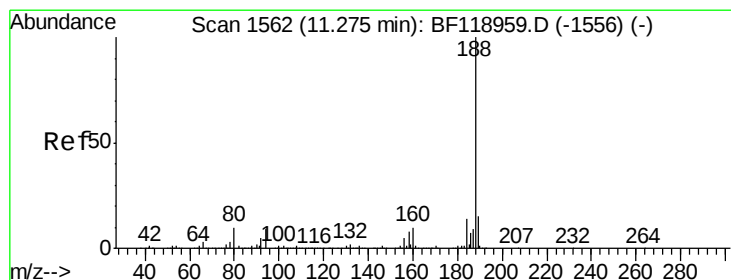
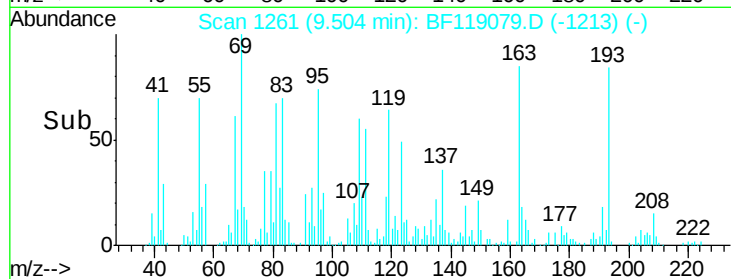
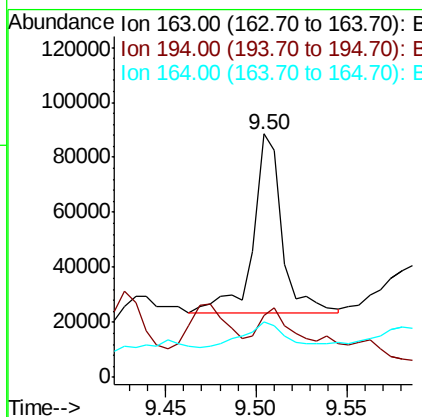
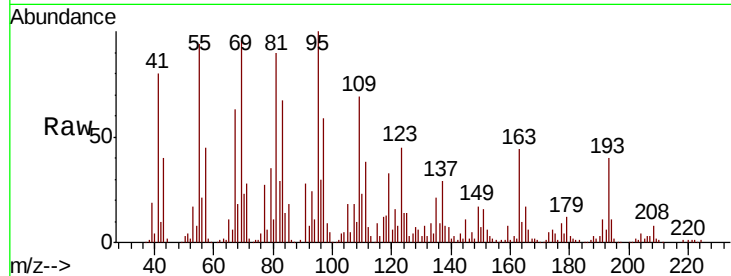




#50
 Dimethylphthalate
 Concen: 4.011 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BF119079.D
 Acq: 25 Feb 2020 22:14

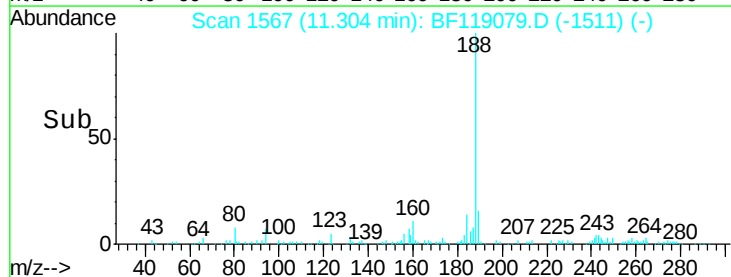
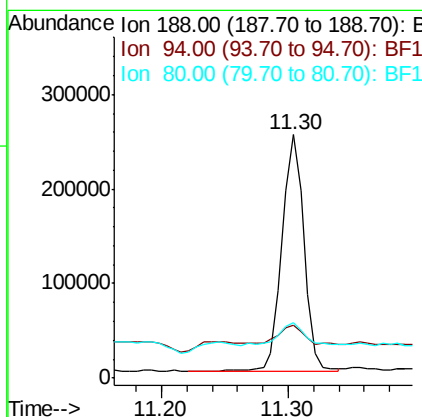
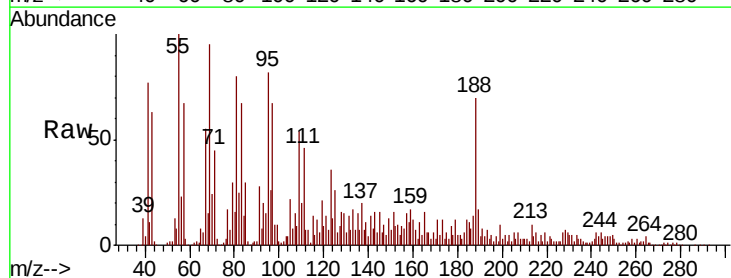
Instrument :
 BNA_F
 ClientSampled :
 72-11991

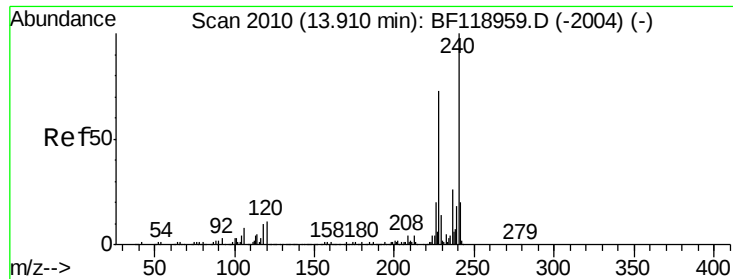
Tot Ion:163 Resp: 72147
 Ion Ratio Lower Upper
 163 100
 194 25.5 3.4 5.2#
 164 23.0 8.2 12.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.03 min
 Lab File: BF119079.D
 Acq: 25 Feb 2020 22:14

Tgt Ion:188 Resp: 306375
 Ion Ratio Lower Upper
 188 100
 94 21.7 7.0 10.6#
 80 22.7 7.9 11.9#

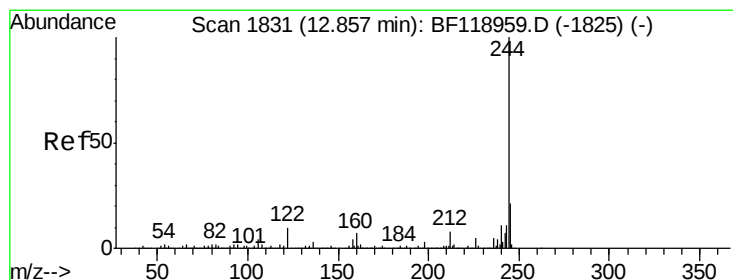
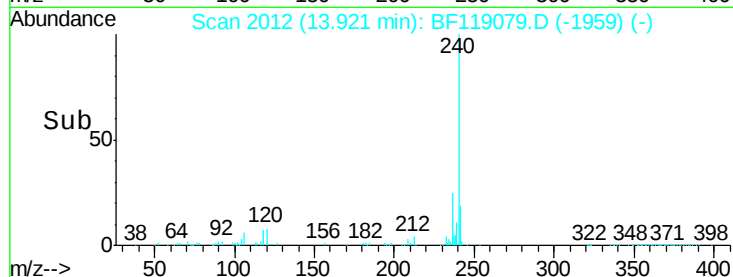
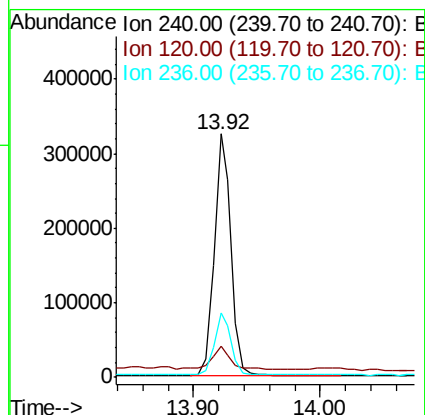
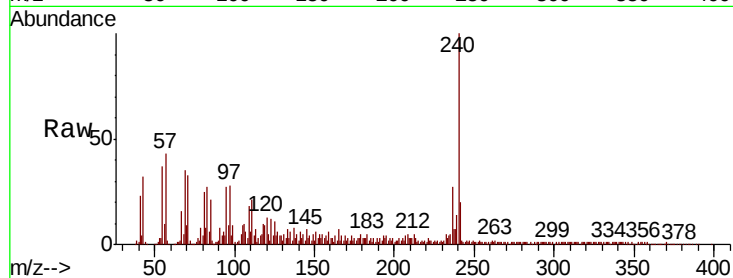




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.01 min
 Lab File: BF119079.D
 Acq: 25 Feb 2020 22:14

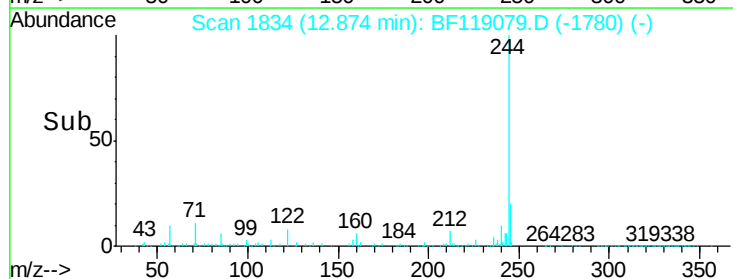
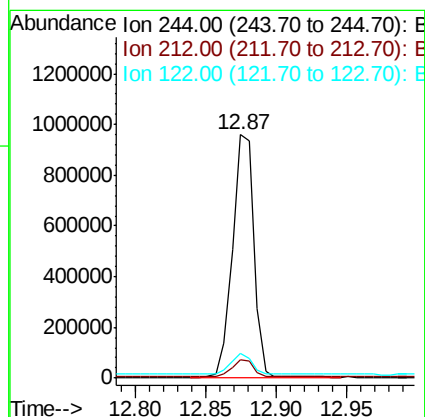
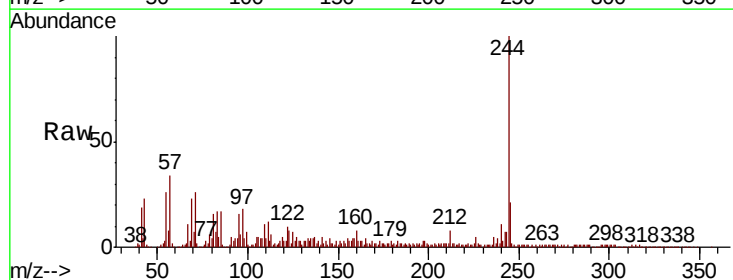
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 72-11991

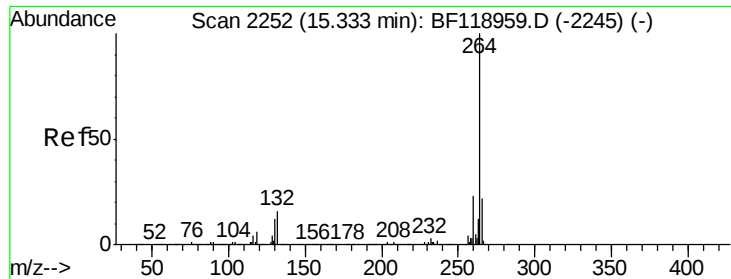
Tot Ion:240 Resp: 301111
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.9 13.3
 236 26.5 20.6 30.8



#79
 Terphenyl-d14
 Concen: 57.614 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. 0.02 min
 Lab File: BF119079.D
 Acq: 25 Feb 2020 22:14

Tgt Ion:244 Resp: 1007631
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 10.1 8.4 12.6

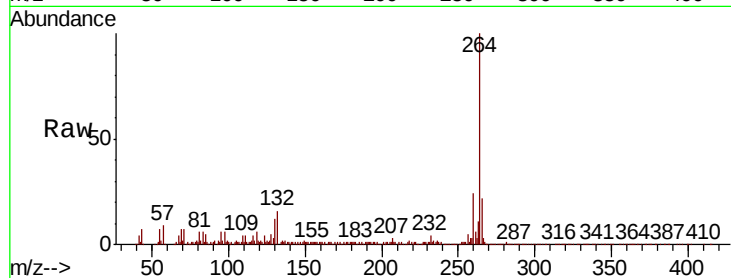




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF119079.D
Acq: 25 Feb 2020 22:14

Instrument :
BNA_F
ClientSampleId :
72-11991

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	21.9	17.3	25.9



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

