

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
 Data File : BF119406.D
 Acq On : 13 Mar 2020 3:47
 Operator : CG/JU
 Sample : L1874-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-7

Quant Time: Mar 13 05:12:27 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

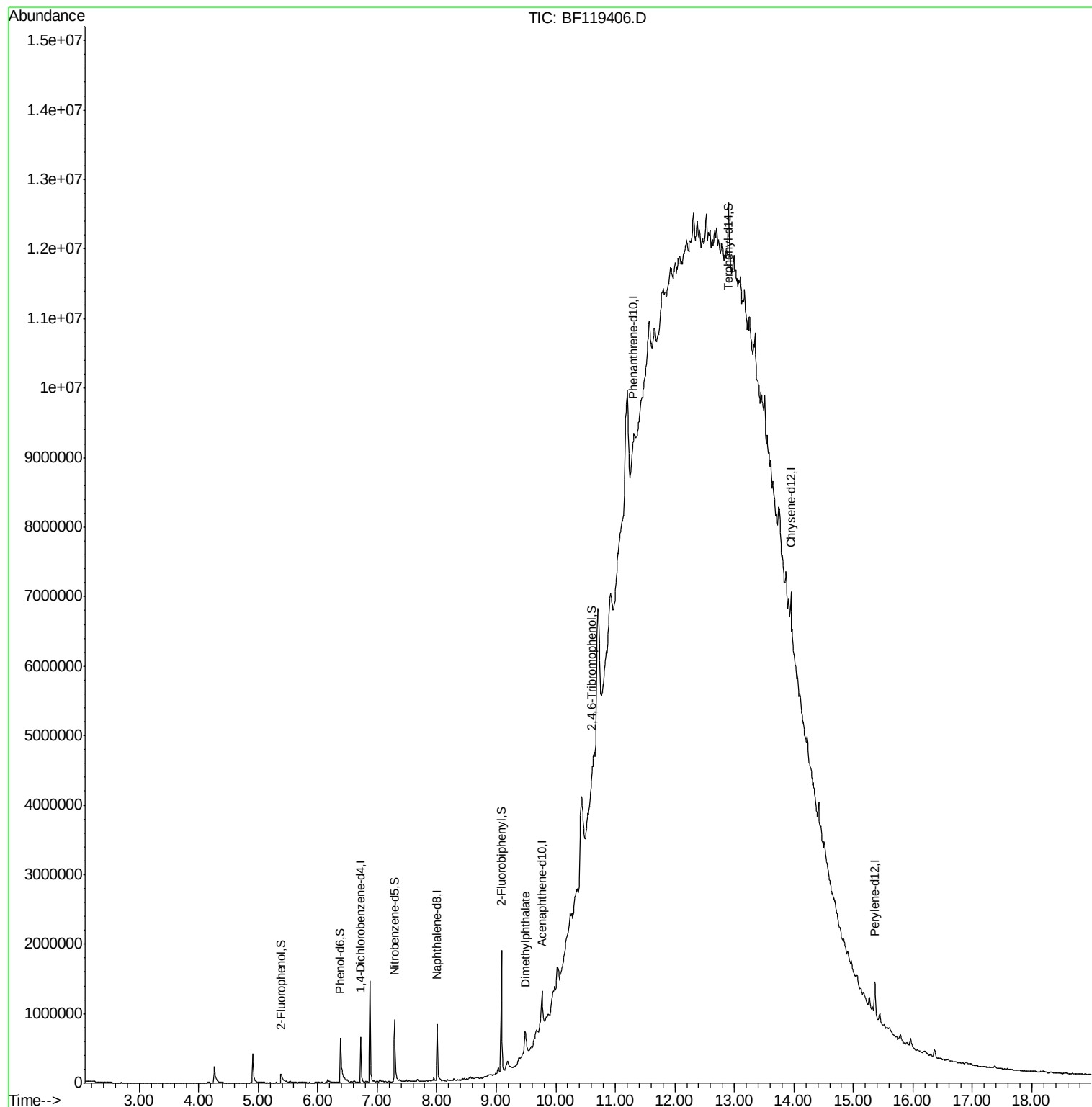
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115132	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	426362	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	194007	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	182434	20.00	ng	0.05
76) Chrysene-d12	13.95	240	188085	20.00	ng	0.06
87) Perylene-d12	15.36	264	255009	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	123657	17.95	ng	0.03
7) Phenol-d6	6.38	99	443559	52.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	383130	47.45	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	7987	3.15	ng	0.04
45) 2-Fluorobiphenyl	9.09	172	765493	58.13	ng	0.00
79) Terphenyl-d14	12.90	244	395852	36.24	ng	0.08
Target Compounds						
50) Dimethylphthalate	9.49	163	53554	3.610	ng	Qvalue # 96

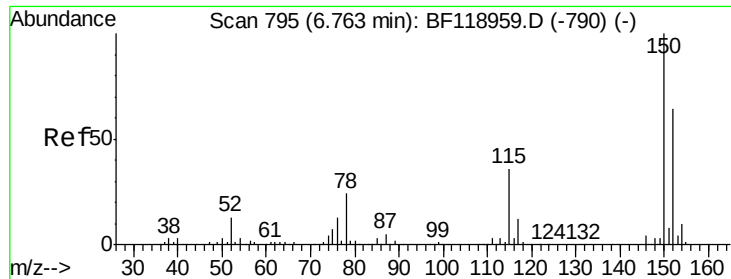
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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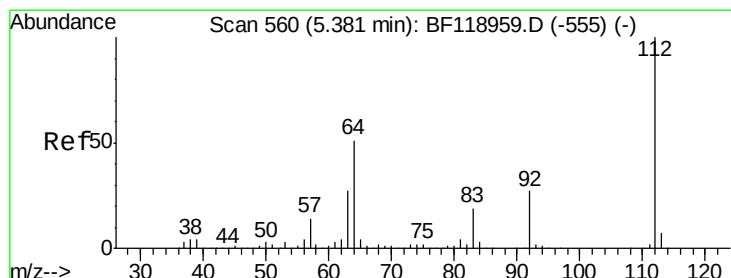
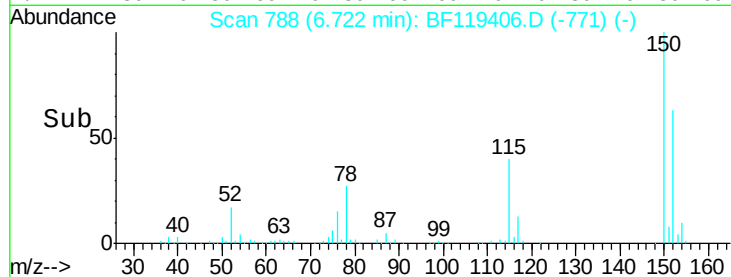
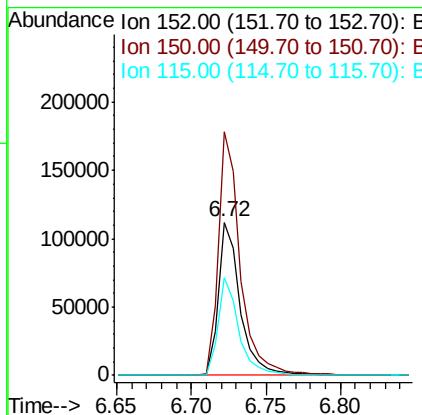
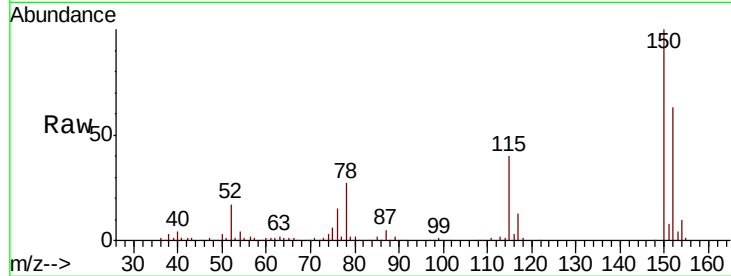


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF119406.D
 Acq: 13 Mar 2020 3:47

Instrument :
 BNA_F
 ClientSampleId :
 C-7

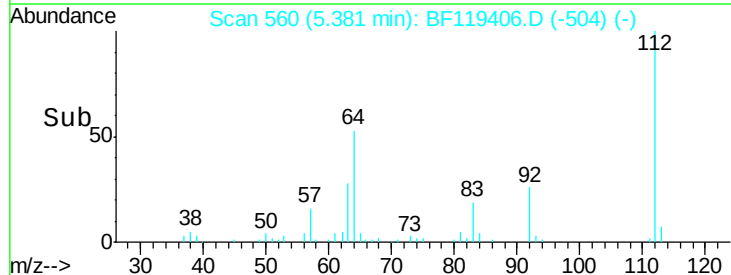
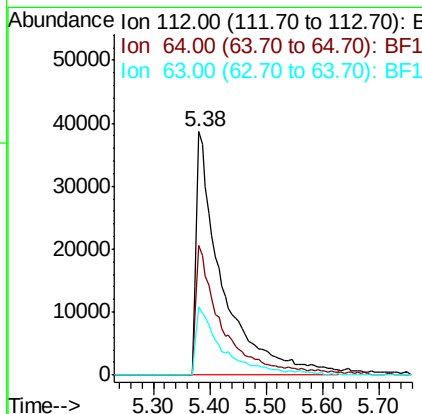
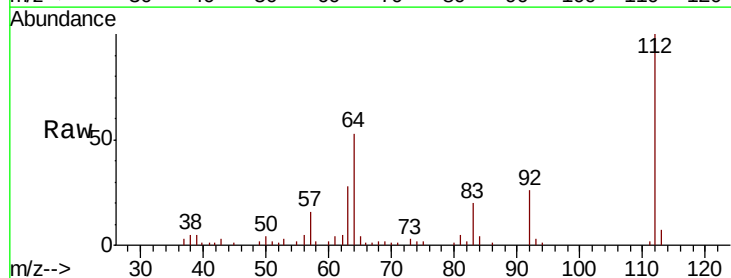
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.6
115	63.5	49.5	74.3

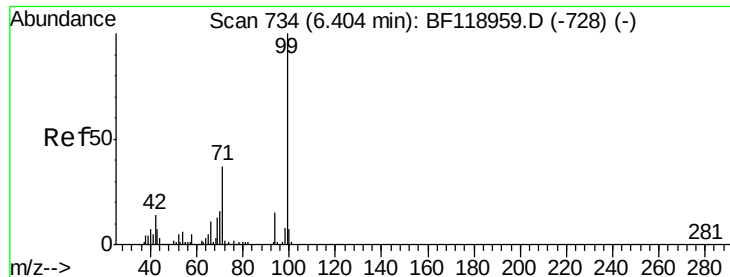


#5

2-Fluorophenol
 Concen: 17.949 ng
 RT: 5.38 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: BF119406.D
 Acq: 13 Mar 2020 3:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.0	67.4
63	28.0	24.2	36.4





#7

Phenol-d6

Concen: 52.939 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

Instrument :

BNA_F

ClientSampleId :

C-7

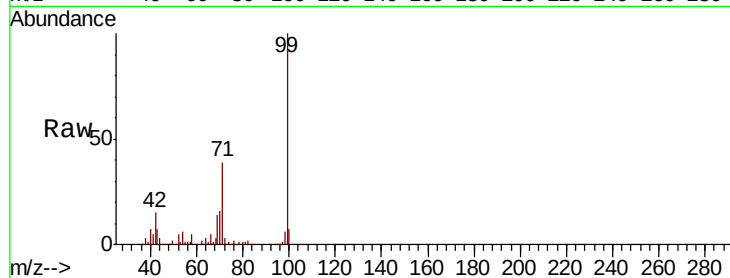
Tot Ion: 99 Resp: 443559

Ion Ratio Lower Upper

99 100

42 15.5 12.6 18.8

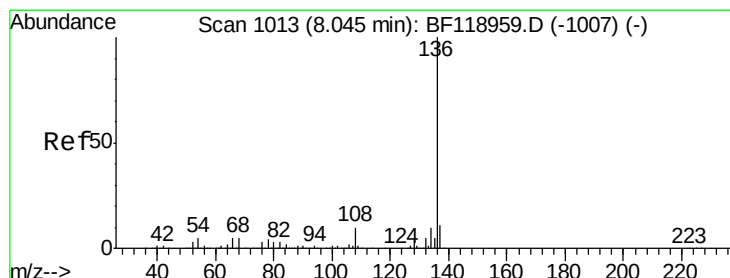
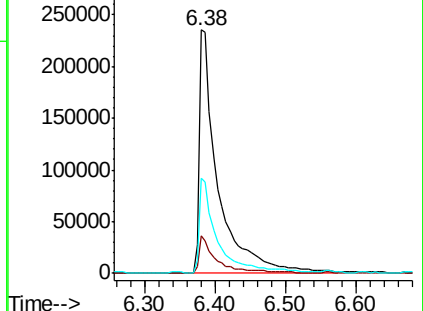
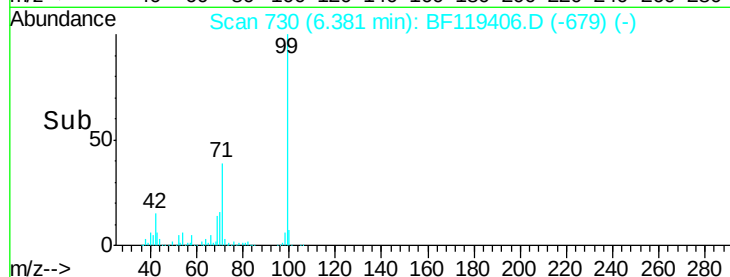
71 39.3 31.0 46.4



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: BF119406.D

Acq: 13 Mar 2020 3:47

Tgt Ion: 136 Resp: 426362

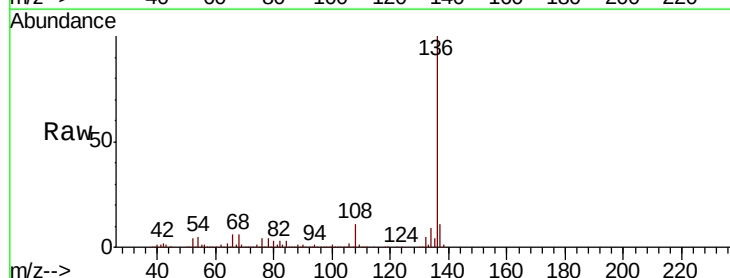
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 5.2 3.8 5.6

68 5.6 3.9 5.9

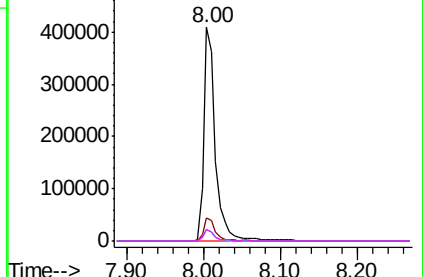
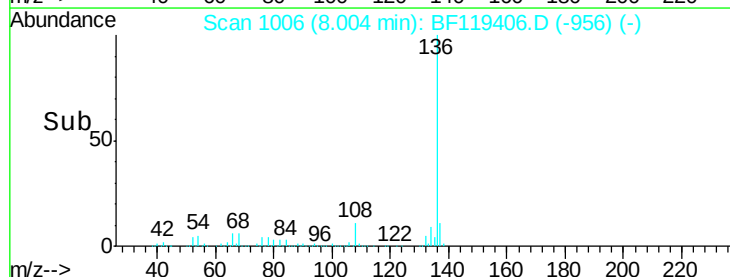


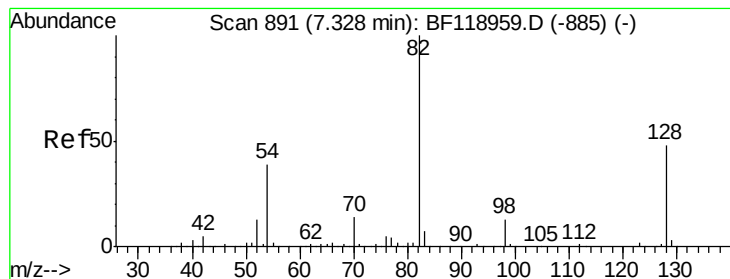
Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.446 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

Instrument :

BNA_F

ClientSampleId :

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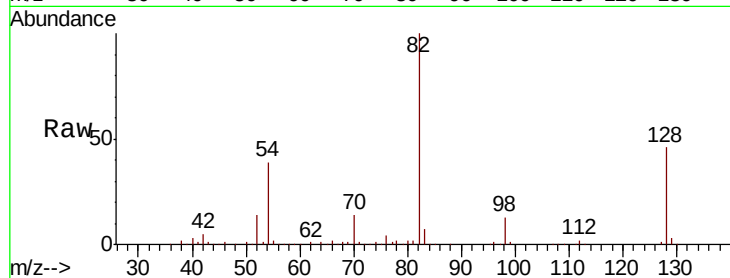
Tot Ion: 82 Resp: 383130

Ion Ratio Lower Upper

82 100

128 45.5 37.9 56.9

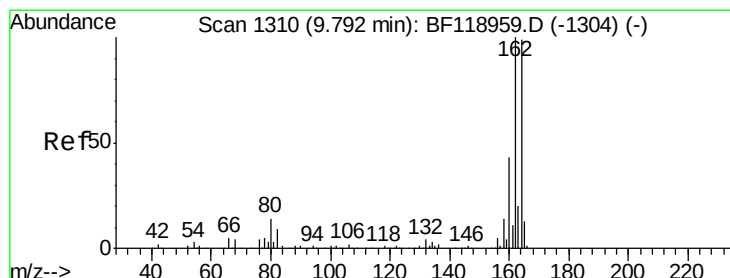
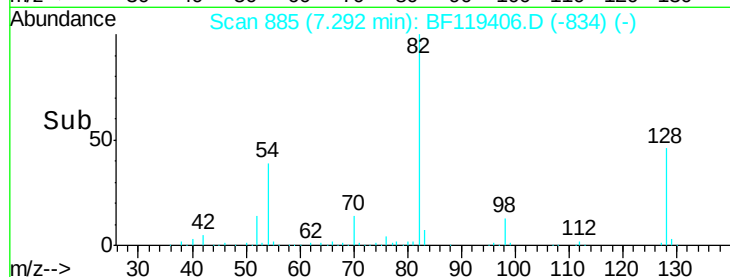
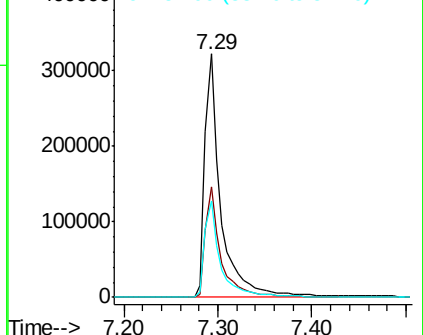
54 39.4 33.4 50.2



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# 1306

Delta R.T. 0.01 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

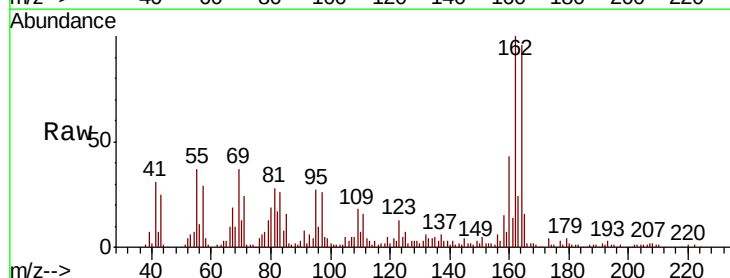
Tgt Ion: 164 Resp: 194007

Ion Ratio Lower Upper

164 100

162 104.3 81.8 122.8

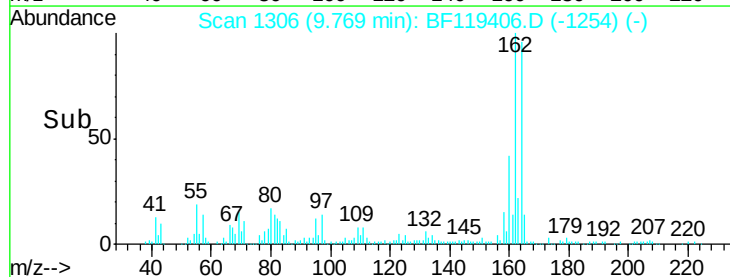
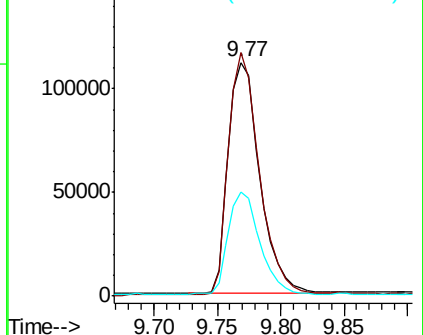
160 44.8 36.0 54.0

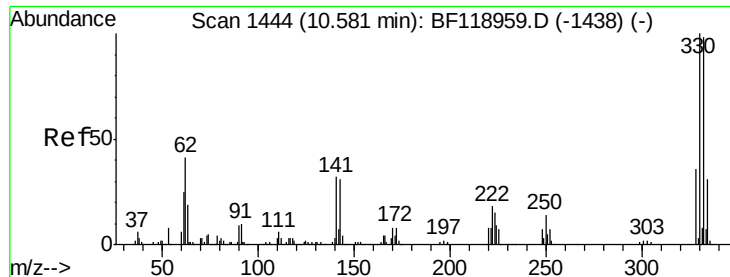


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

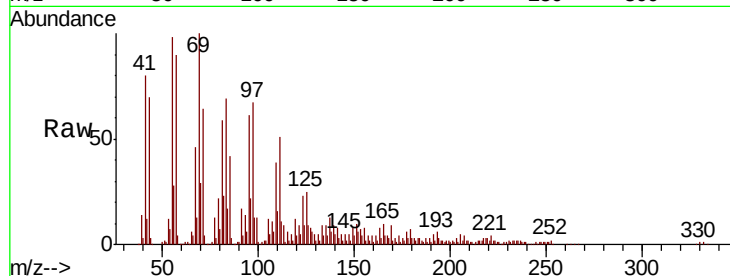




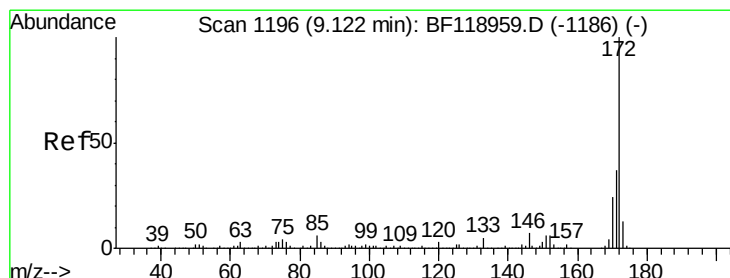
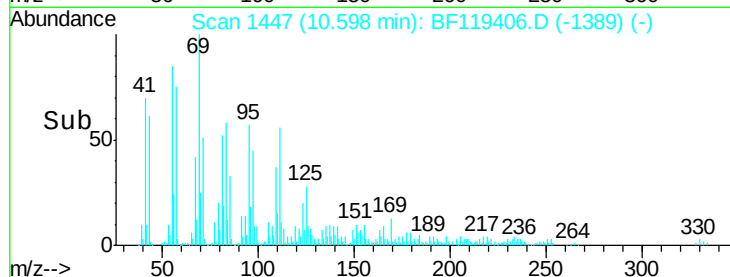
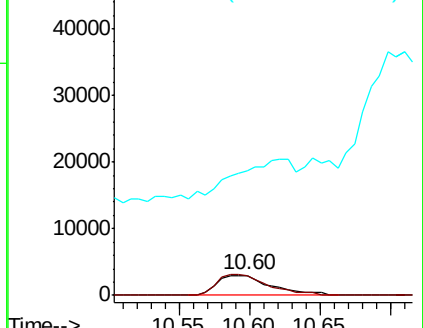
#42
 2,4,6-Tribromophenol
 Concen: 3.147 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.04 min
 Lab File: BF119406.D
 Acq: 13 Mar 2020 3:47

Instrument :
 BNA_F
 ClientSampled :
 C-7

Tot Ion:330 Resp: 7987
 Ion Ratio Lower Upper
 330 100
 332 100.5 76.0 114.0
 141 0.0 22.9 34.3#

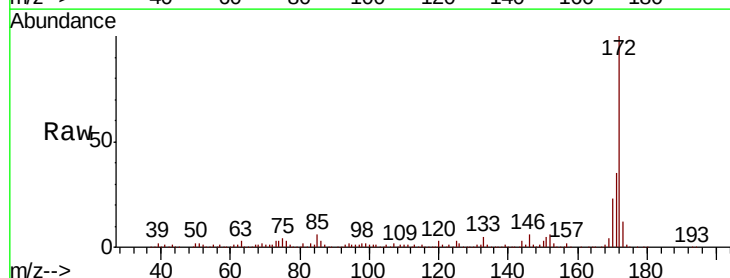


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

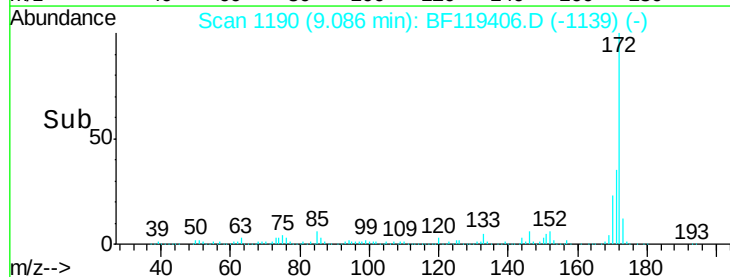
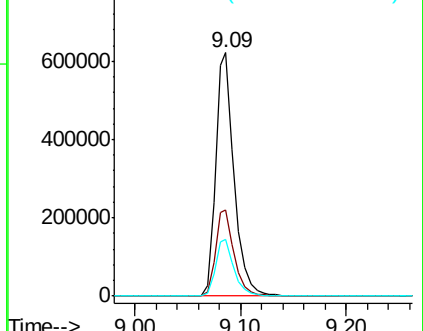


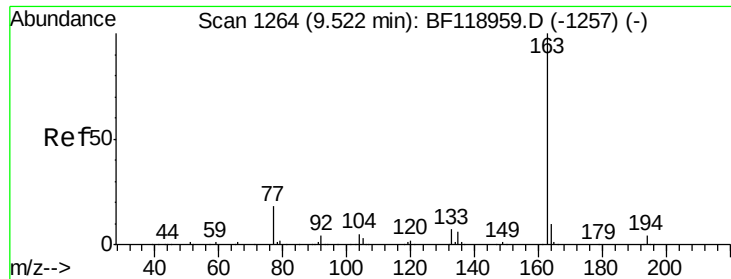
#45
 2-Fluorobiphenyl
 Concen: 58.127 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF119406.D
 Acq: 13 Mar 2020 3:47

Tgt Ion:172 Resp: 765493
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.6 45.8
 170 23.2 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: 3.610 ng

RT: 9.49 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

Instrument :

BNA_F

ClientSampleId :

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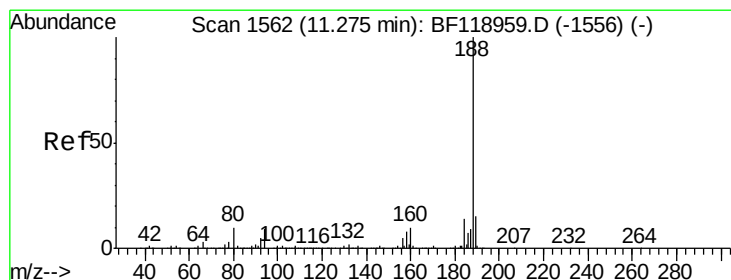
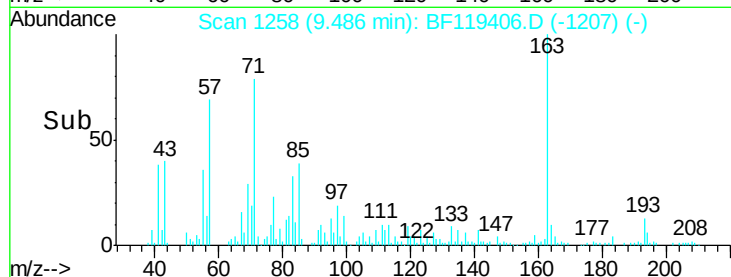
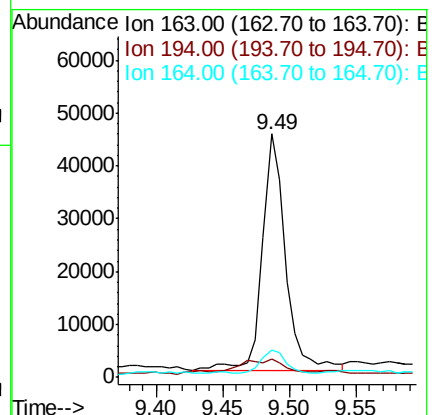
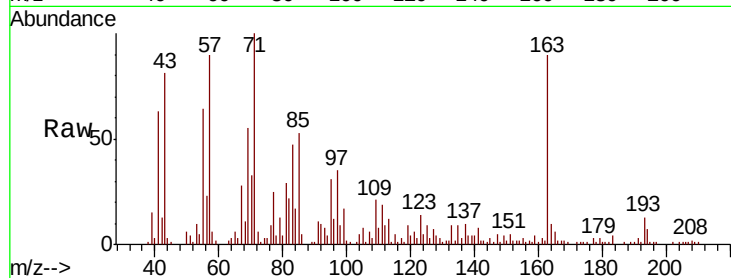
Tot Ion:163 Resp: 53554

Ion Ratio Lower Upper

163 100

194 7.3 3.5 5.3#

164 11.2 8.4 12.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.05 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

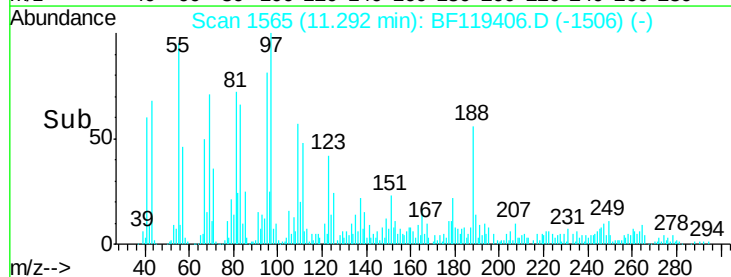
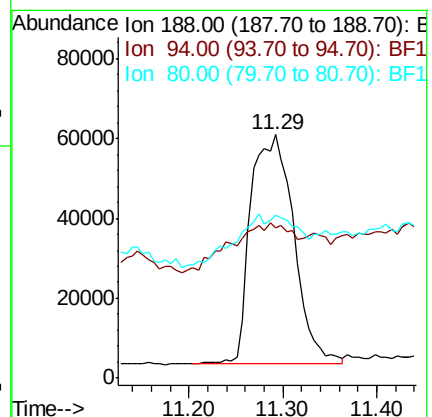
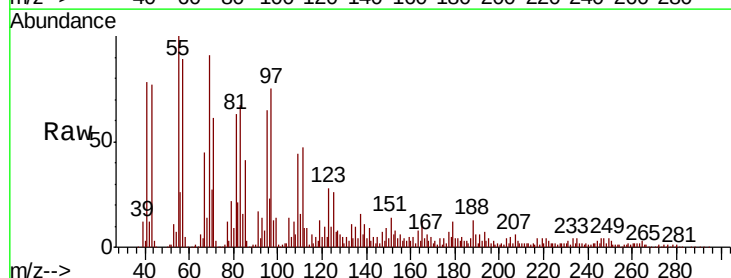
Tgt Ion:188 Resp: 182434

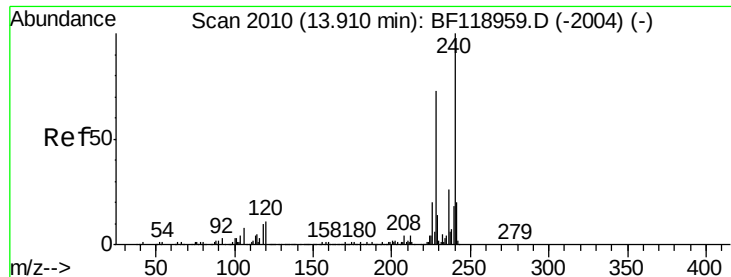
Ion Ratio Lower Upper

188 100

94 61.8 7.1 10.7#

80 67.0 7.8 11.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.06 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

Instrument :

BNA_F

ClientSampled :

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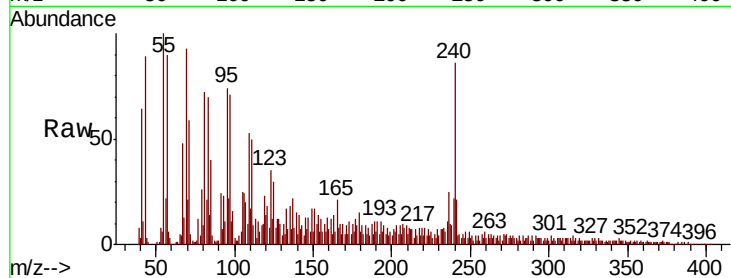
Tot Ion:240 Resp: 188085

Ion Ratio Lower Upper

240 100

120 16.7 8.4 12.6#

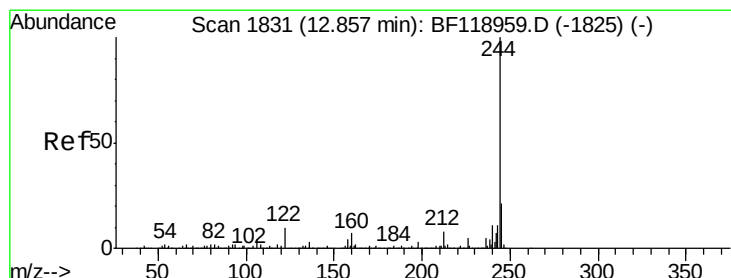
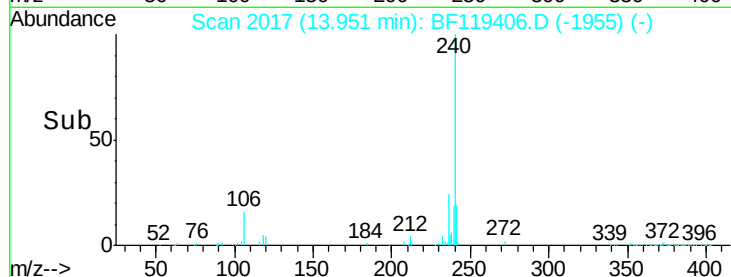
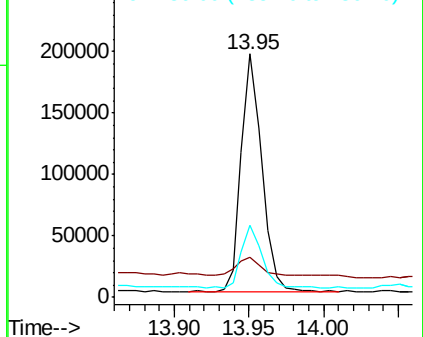
236 29.5 21.0 31.4



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: 36.235 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.08 min

Lab File: BF119406.D

Acq: 13 Mar 2020 3:47

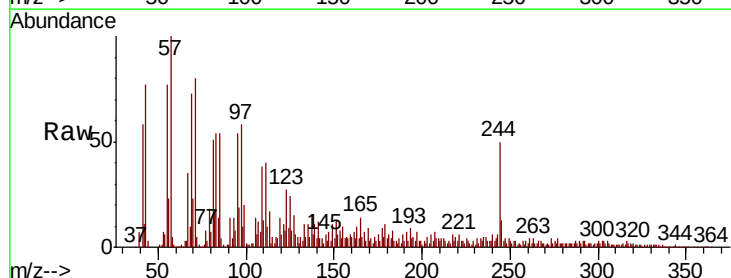
Tgt Ion:244 Resp: 395852

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

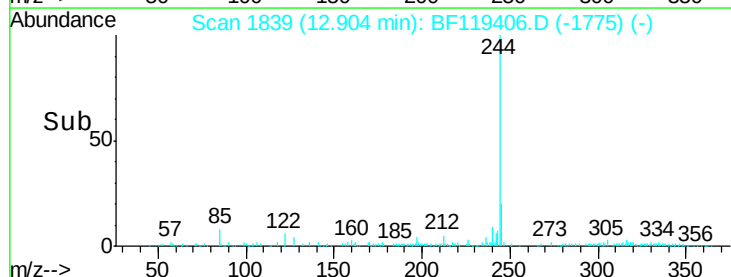
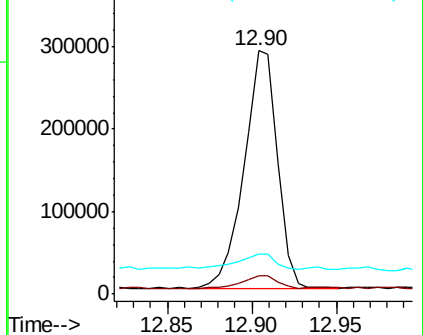
122 16.4 8.2 12.2#

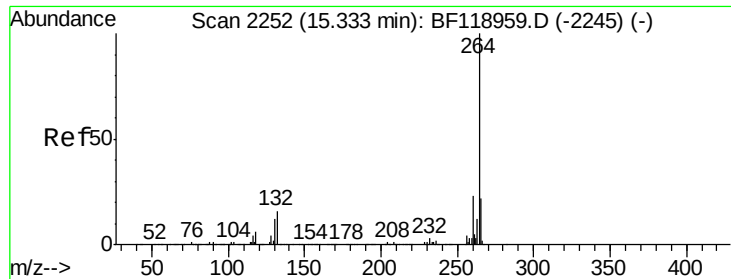


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

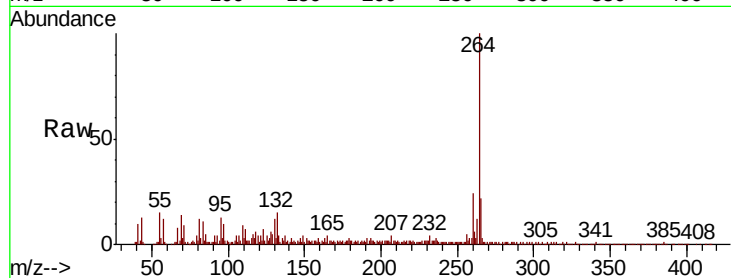




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.05 min
Lab File: BF119406.D
Acq: 13 Mar 2020 3:47

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.8	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

