

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100219\
 Data File : BF117310.D
 Acq On : 2 Oct 2019 20:02
 Operator : JU
 Sample : K5131-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190831-COMPOSITE-G

Quant Time: Oct 03 03:08:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

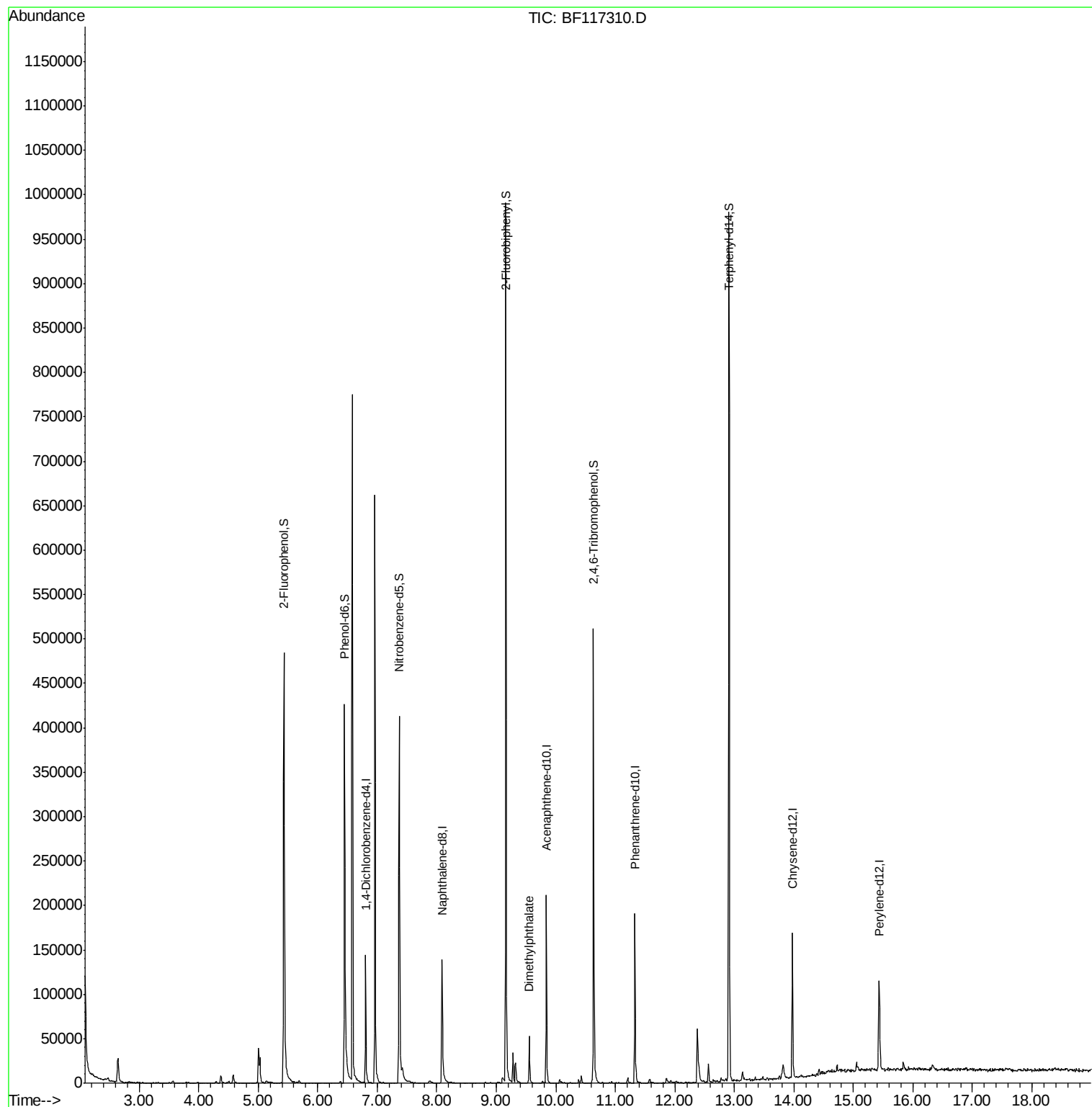
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	23964	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	93285	20.00	ng	-0.01
39) Acenaphthene-d10	9.84	164	48854	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	83668	20.00	ng	0.00
76) Chrysene-d12	13.97	240	60004	20.00	ng	0.00
87) Perylene-d12	15.43	264	52858	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	175151	114.11	ng	0.00
7) Phenol-d6	6.45	99	201568	101.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	168310	94.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	60805	148.92	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	306127	97.98	ng	-0.01
79) Terphenyl-d14	12.91	244	314510	97.97	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	23966	6.928	ng	Qvalue 98

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

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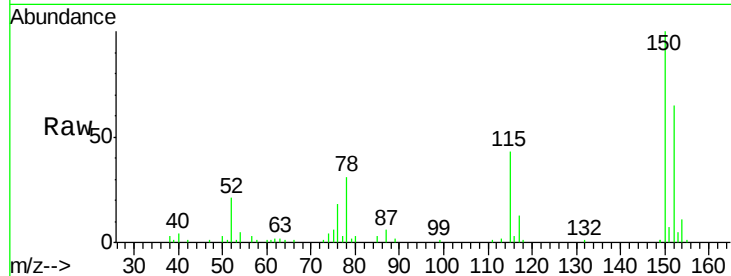


#1

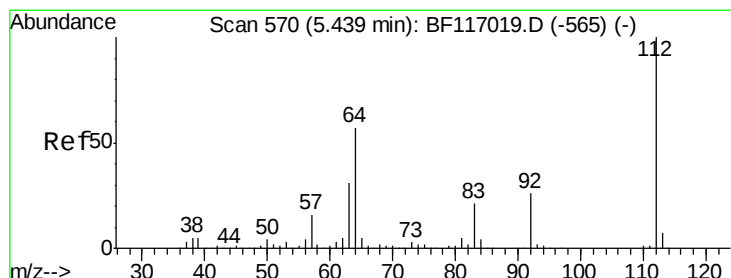
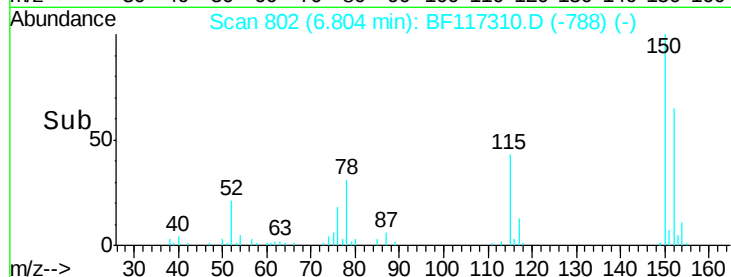
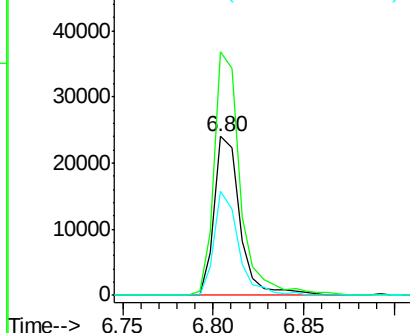
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Instrument :
BNA_F
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20190831-COMPOSITE-G

Tot Ion:152 Resp: 23964
Ion Ratio Lower Upper
152 100
150 153.1 127.5 191.3
115 65.5 55.0 82.4



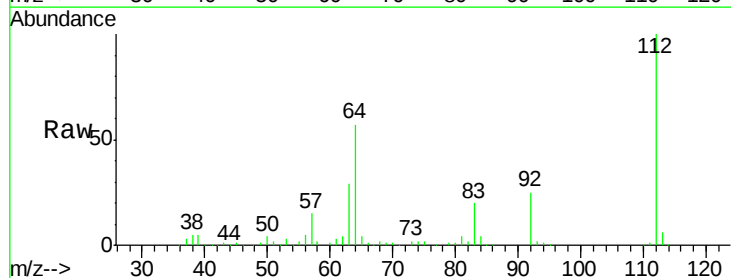
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



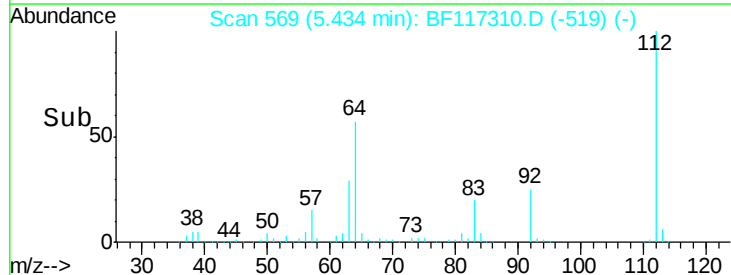
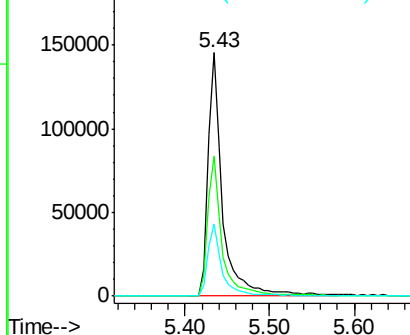
#5

2-Fluorophenol
Concen: 114.110 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion:112 Resp: 175151
Ion Ratio Lower Upper
112 100
64 57.3 45.7 68.5
63 29.4 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.613 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

Instrument :

BNA_F

ClientSampleId :

20190831-COMPOSITE-G

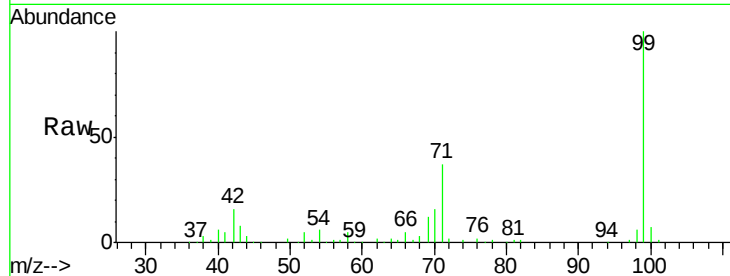
Tot Ion: 99 Resp: 201568

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

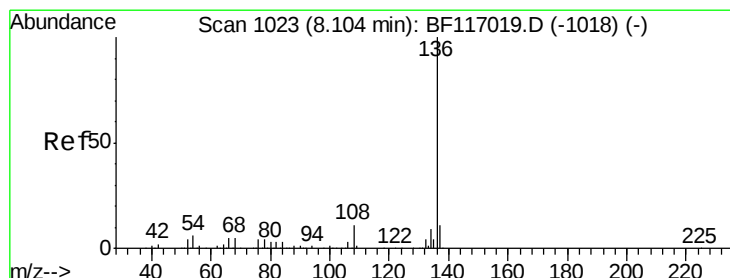
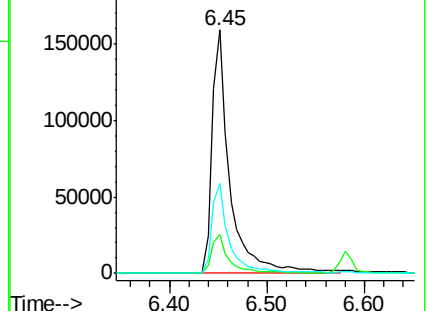
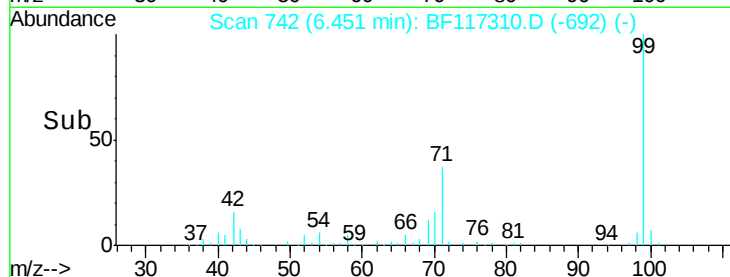
71 37.2 29.8 44.8



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

Tgt Ion: 136 Resp: 93285

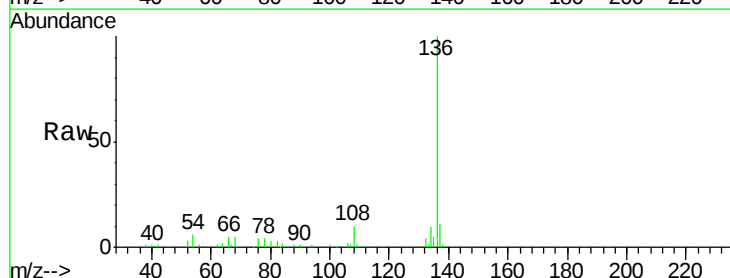
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.8 4.5 6.7

68 4.9 4.0 6.0

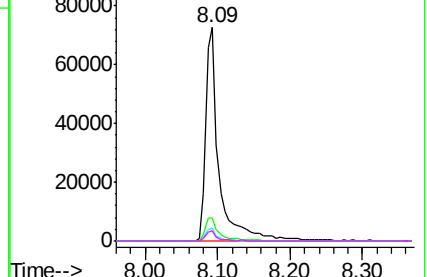
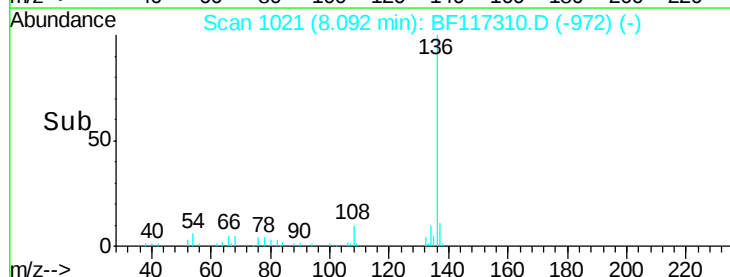


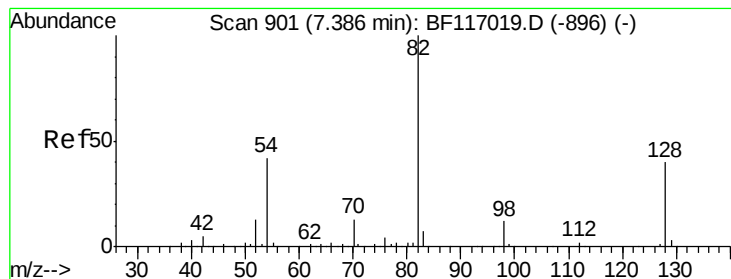
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.800 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

Instrument :

BNA_F

ClientSampleId :

20190831-COMPOSITE-G

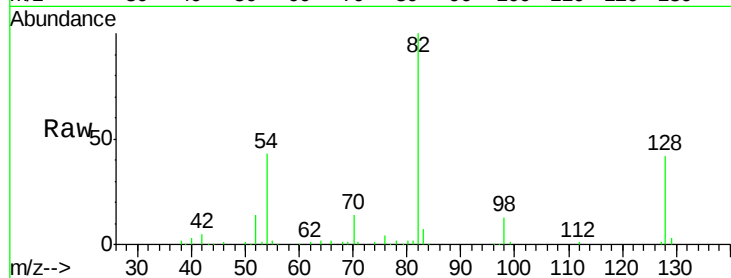
Tot Ion: 82 Resp: 168310

Ion Ratio Lower Upper

82 100

128 41.9 32.3 48.5

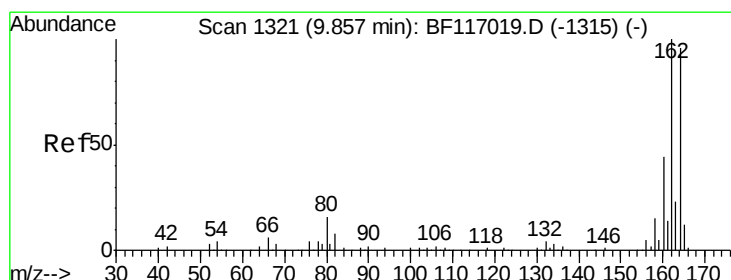
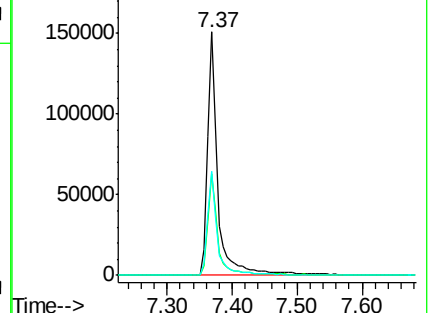
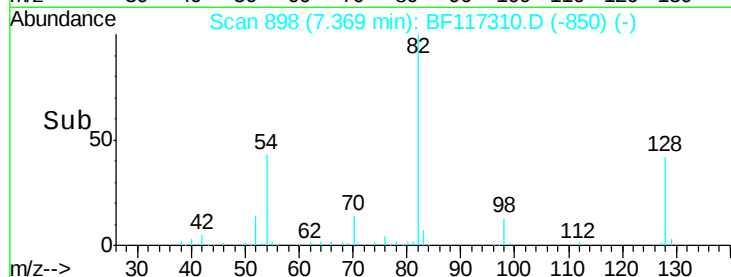
54 42.6 33.3 49.9



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: 9.84 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF117310.D

Acq: 2 Oct 2019 20:02

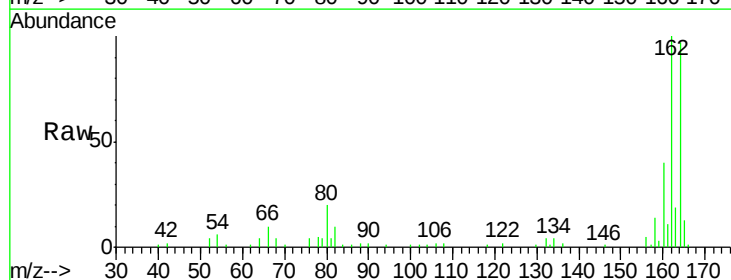
Tgt Ion: 164 Resp: 48854

Ion Ratio Lower Upper

164 100

162 103.3 83.4 125.2

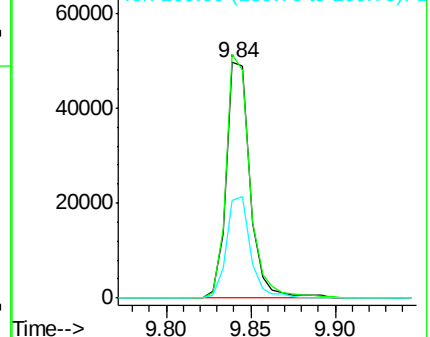
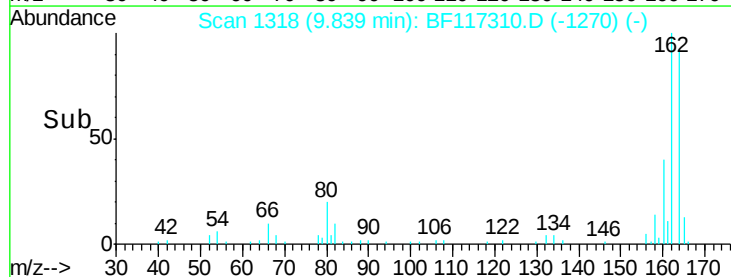
160 41.6 36.4 54.6

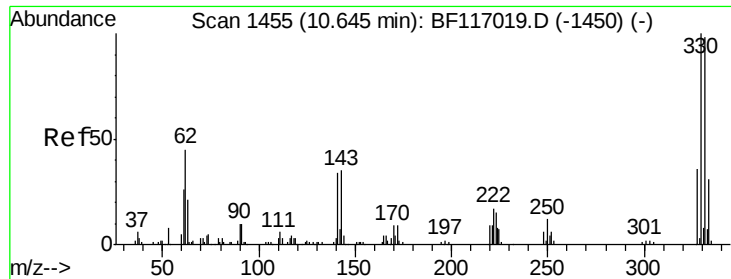


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

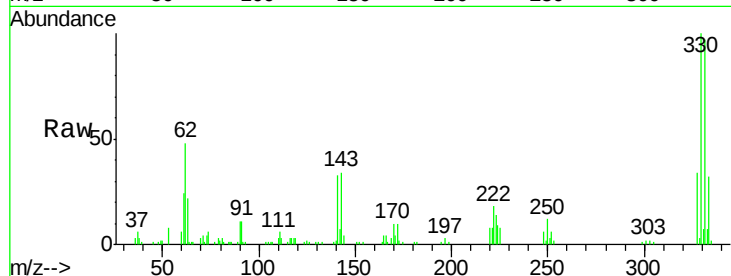




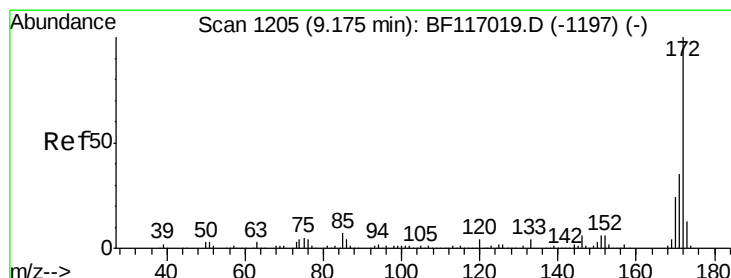
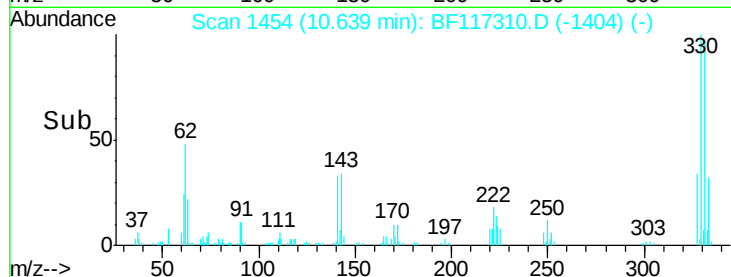
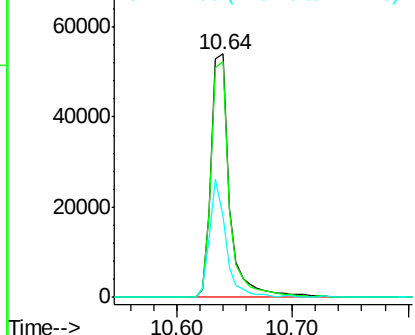
#42
 2,4,6-Tribromophenol
 Concen: 148.920 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF117310.D
 Acq: 2 Oct 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 20190831-COMPOSITE-G

Tot Ion:330 Resp: 60805
 Ion Ratio Lower Upper
 330 100
 332 95.1 78.0 117.0
 141 42.3 35.8 53.6

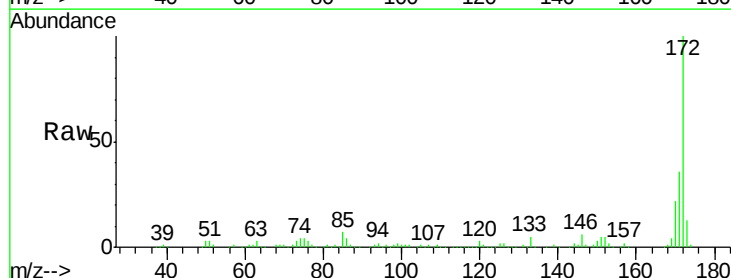


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

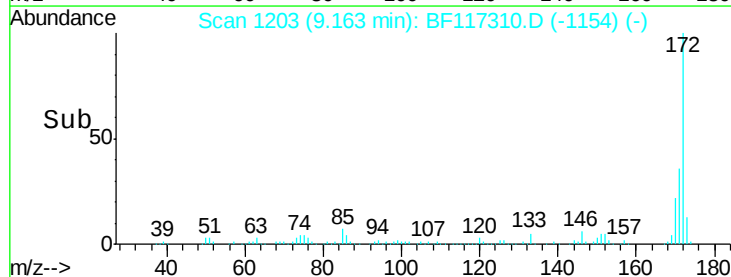
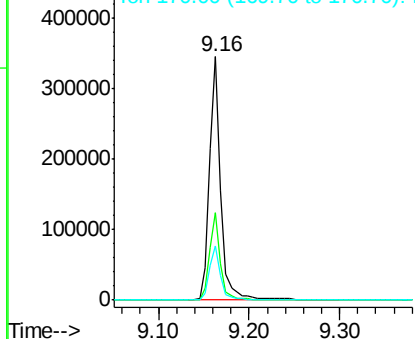


#45
 2-Fluorobiphenyl
 Concen: 97.976 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF117310.D
 Acq: 2 Oct 2019 20:02

Tgt Ion:172 Resp: 306127
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 22.5 18.9 28.3



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

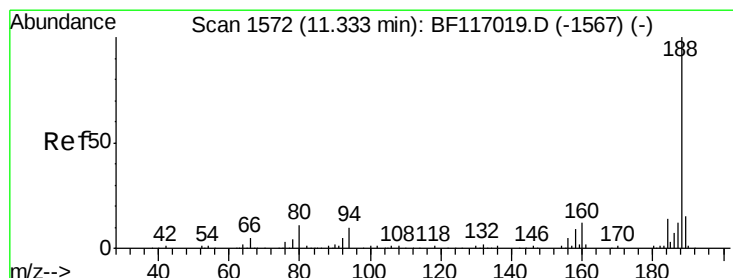
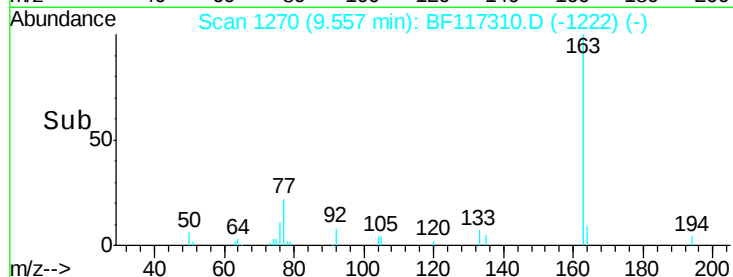
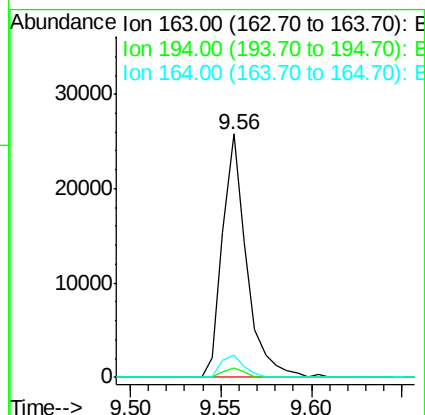
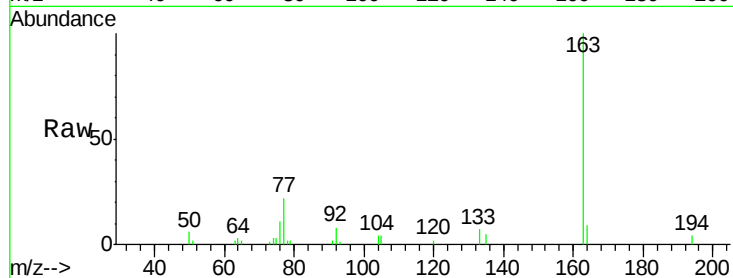




#50
Dimethylphthalate
Concen: 6.928 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

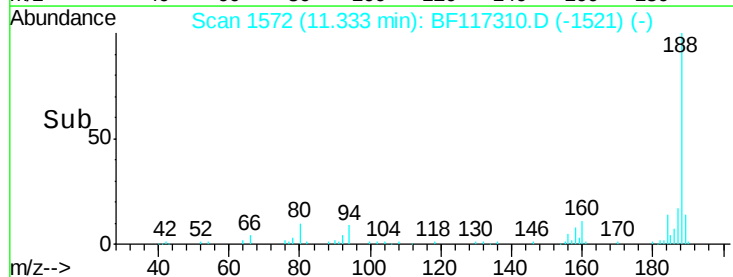
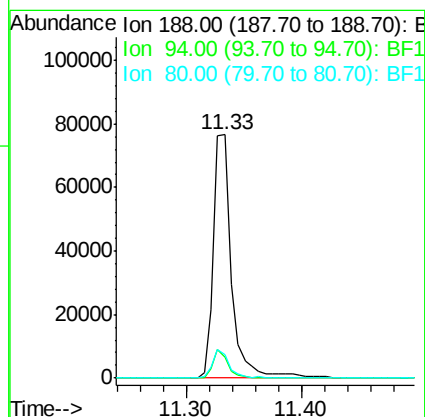
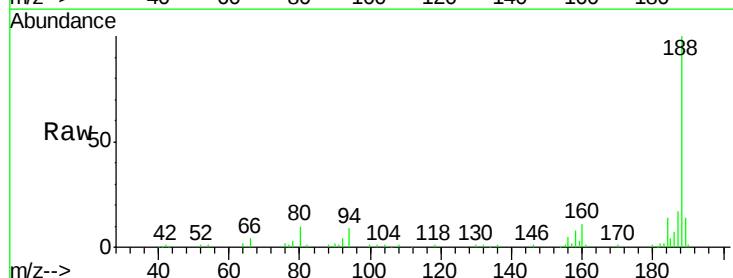
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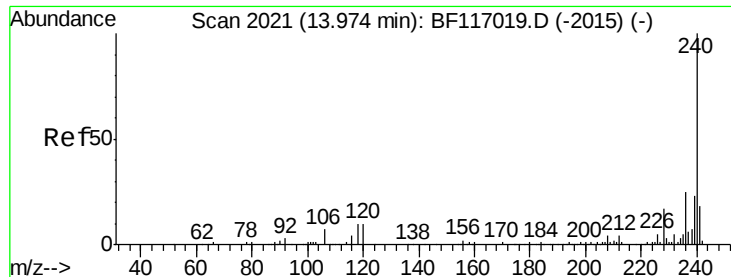
Tot Ion:163 Resp: 23966
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Tgt Ion:188 Resp: 83668
Ion Ratio Lower Upper
188 100
94 8.5 8.2 12.2
80 9.6 9.0 13.6

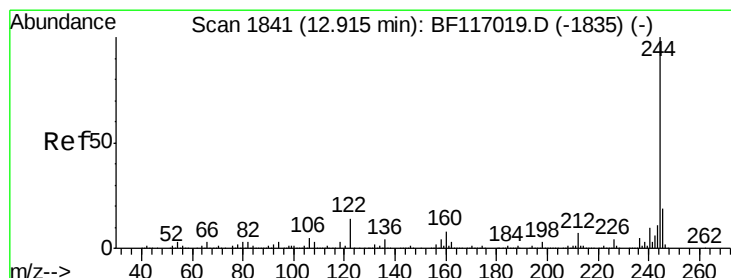
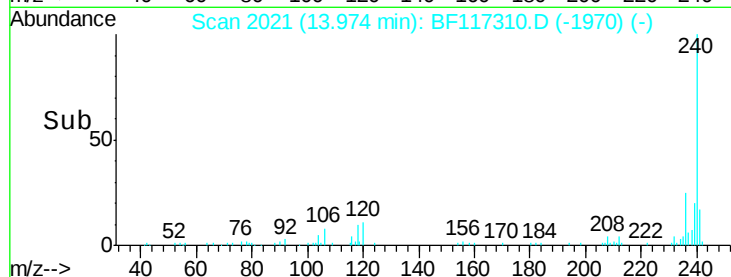
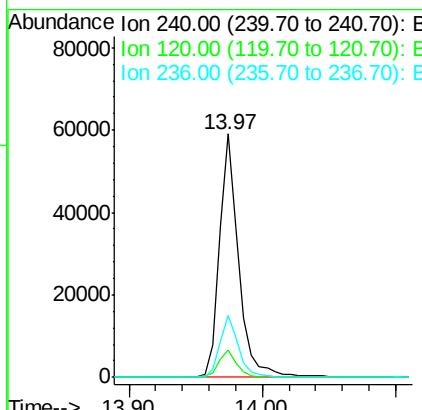
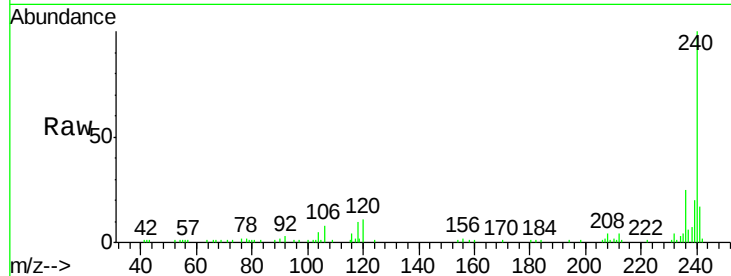




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF117310.D
 Acq: 2 Oct 2019 20:02

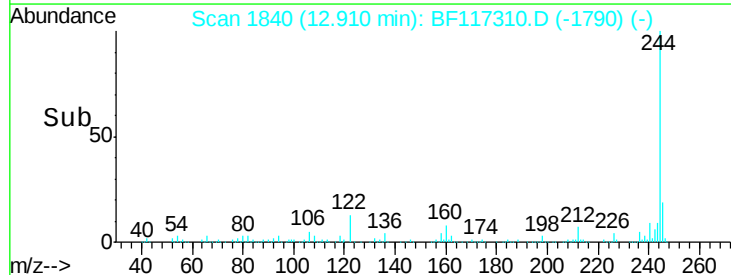
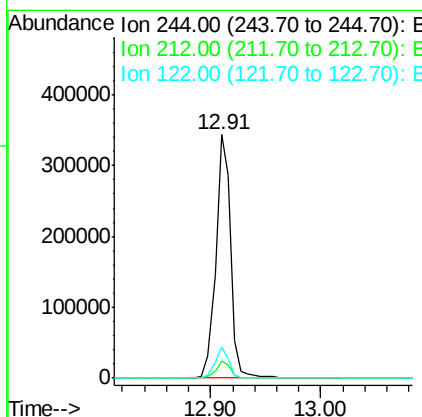
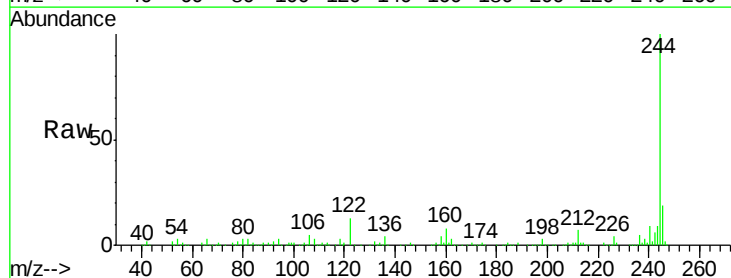
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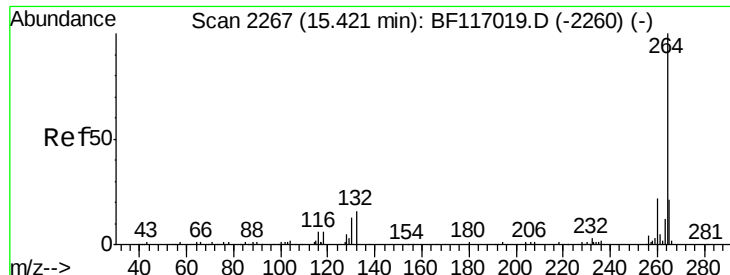
Tot Ion:240 Resp: 60004
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 25.2 20.3 30.5



#79
 Terphenyl-d14
 Concen: 97.975 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117310.D
 Acq: 2 Oct 2019 20:02

Tgt Ion:244 Resp: 314510
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 13.0 11.3 16.9

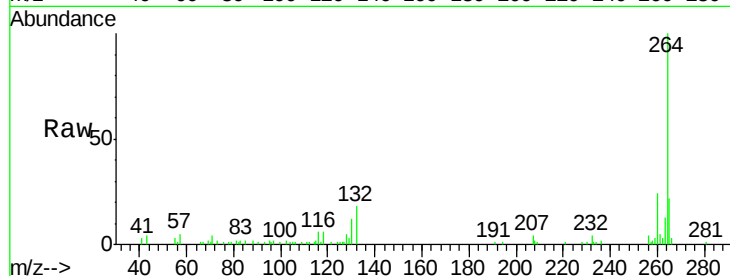




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117310.D
Acq: 2 Oct 2019 20:02

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	21.7	16.6	24.8



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

