

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117565.D
 Acq On : 28 Oct 2019 16:58
 Operator : JU
 Sample : K5501-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 186-72-(0-2.2)

Quant Time: Oct 29 15:52:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

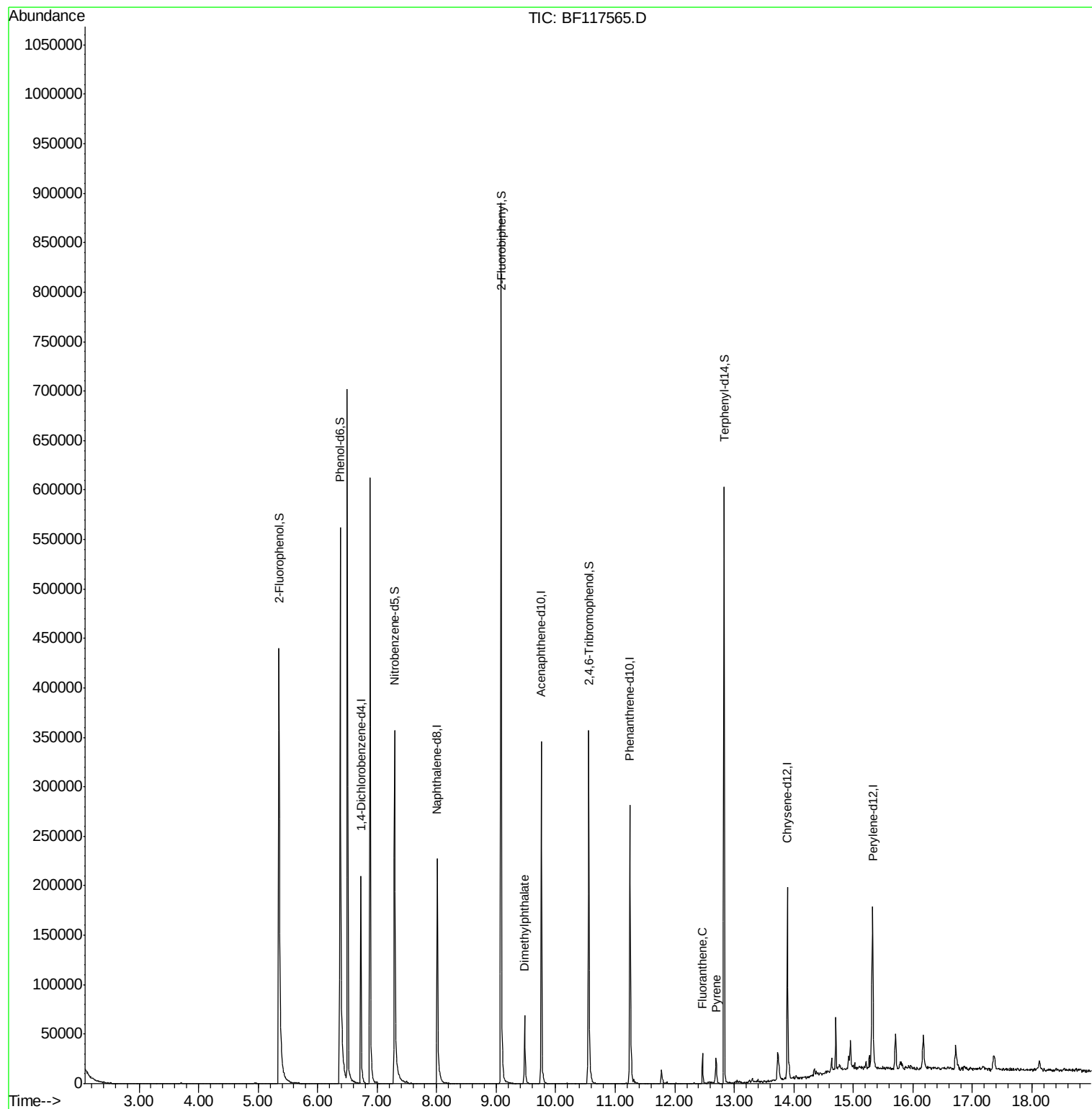
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	37598	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	148756	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	76895	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	113350	20.00	ng	0.00
76) Chrysene-d12	13.89	240	68792	20.00	ng	0.00
87) Perylene-d12	15.32	264	78910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	195660	77.42	ng	0.00
7) Phenol-d6	6.38	99	273015	80.43	ng	0.00
23) Nitrobenzene-d5	7.29	82	168074	55.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	45279	68.05	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	285791	52.37	ng	-0.01
79) Terphenyl-d14	12.83	244	198511	47.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	37008	6.751	ng	99
75) Fluoranthene	12.46	202	15562	2.362	ng	99
78) Pyrene	12.69	202	14041	2.376	ng	99

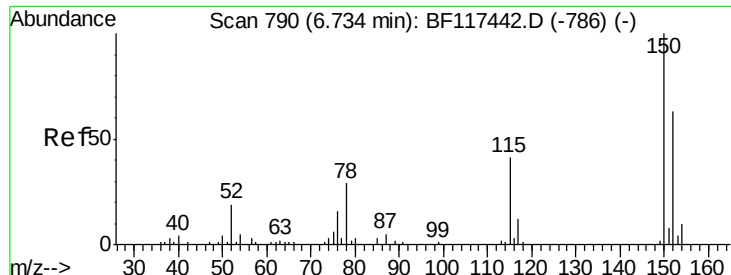
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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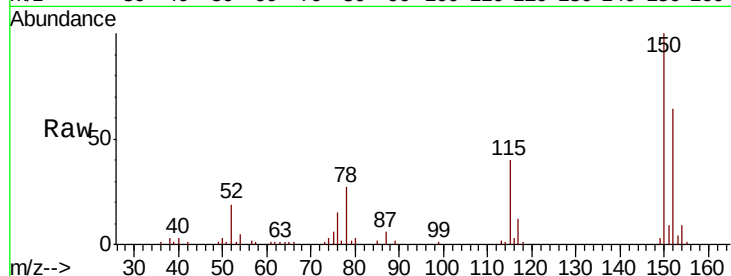




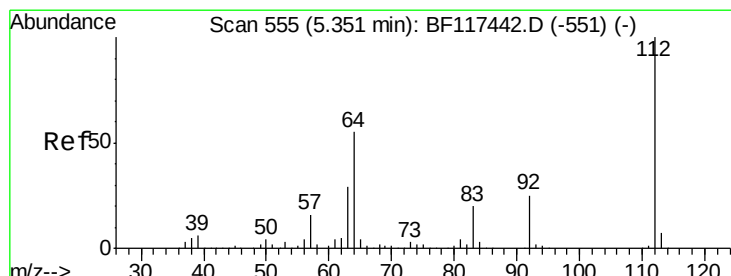
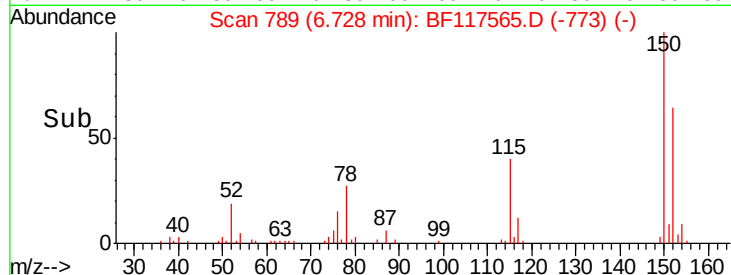
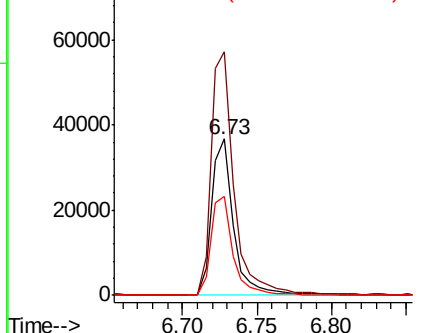
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 186-72-(0-2.2)

Tot Ion:152 Resp: 37598
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.8 190.2
 115 63.1 51.6 77.4

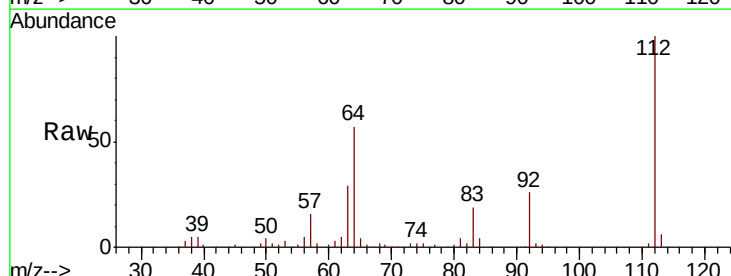


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

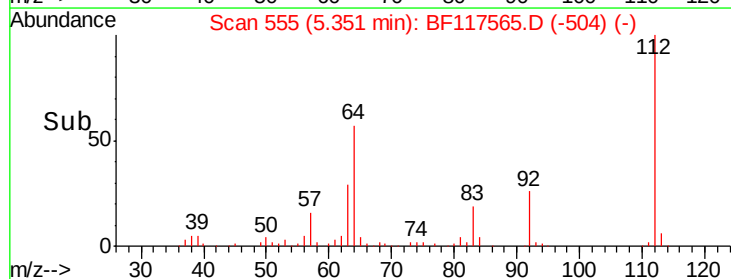
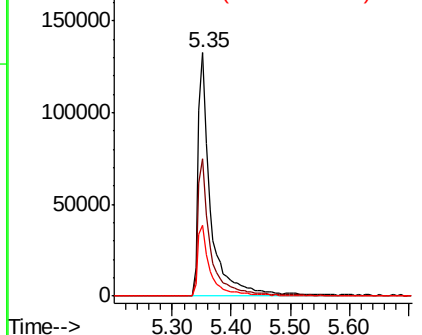


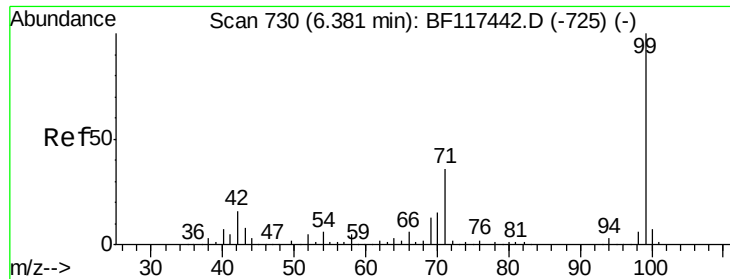
#5
 2-Fluorophenol
 Concen: 77.420 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Tgt Ion:112 Resp: 195660
 Ion Ratio Lower Upper
 112 100
 64 56.6 44.1 66.1
 63 29.2 23.4 35.2



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: 80.431 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117565.D

Acq: 28 Oct 2019 16:58

Instrument :

BNA_F

ClientSampleId :

186-72-(0-2.2)

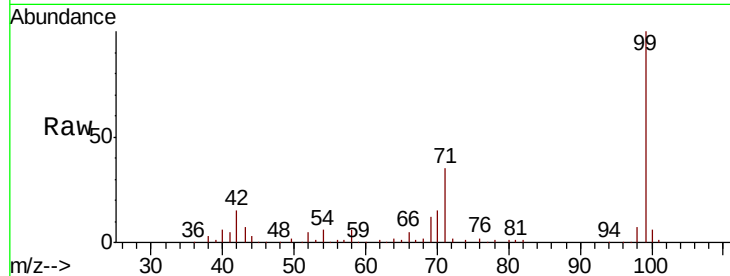
Tot Ion: 99 Resp: 273015

Ion Ratio Lower Upper

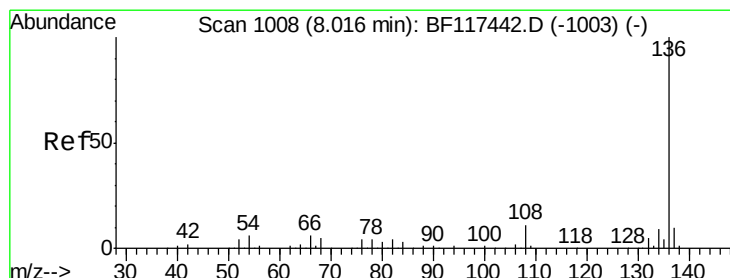
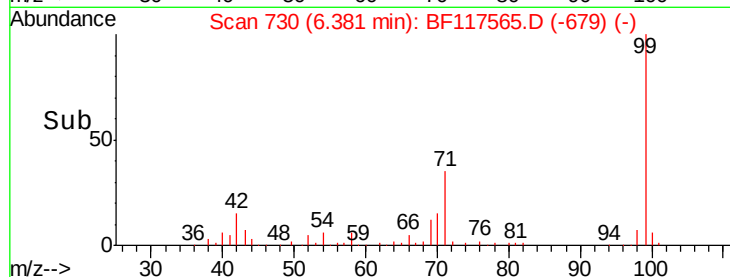
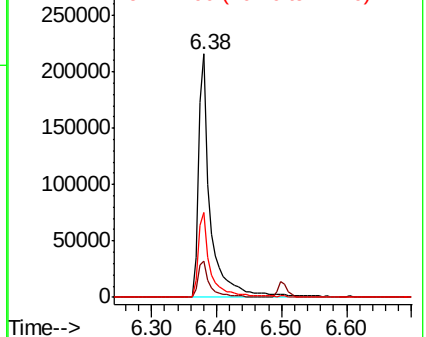
99 100

42 14.8 12.8 19.2

71 35.0 28.6 43.0



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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117565.D

Acq: 28 Oct 2019 16:58

Tgt Ion: 136 Resp: 148756

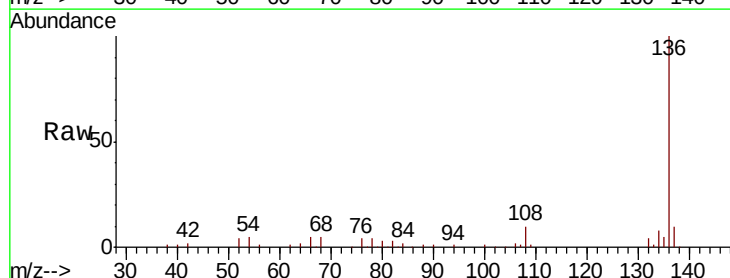
Ion Ratio Lower Upper

136 100

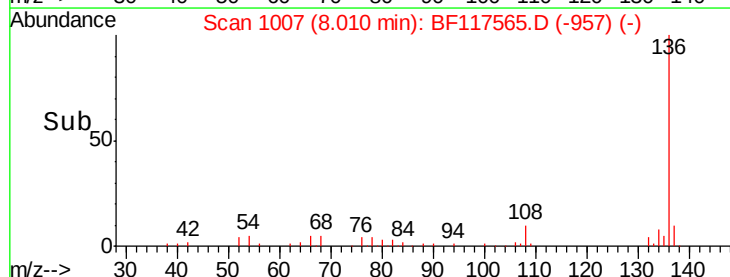
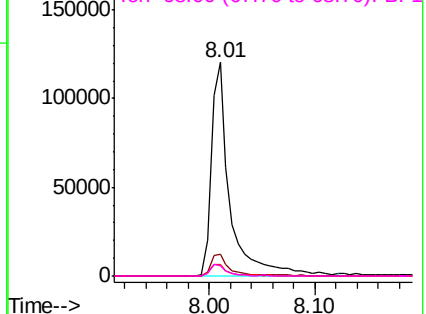
137 10.0 8.2 12.4

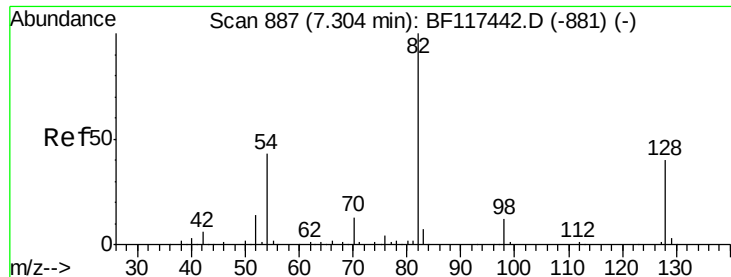
54 5.4 4.5 6.7

68 4.7 4.3 6.5



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

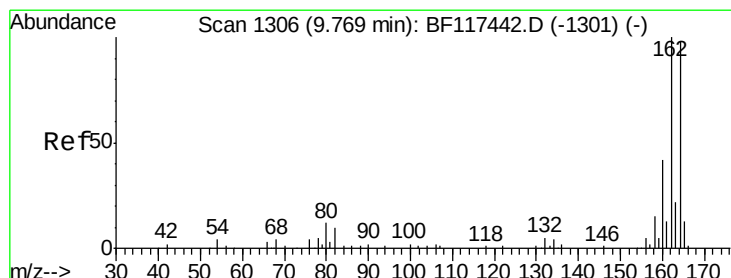
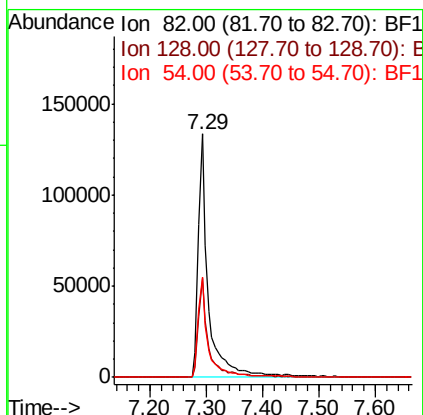
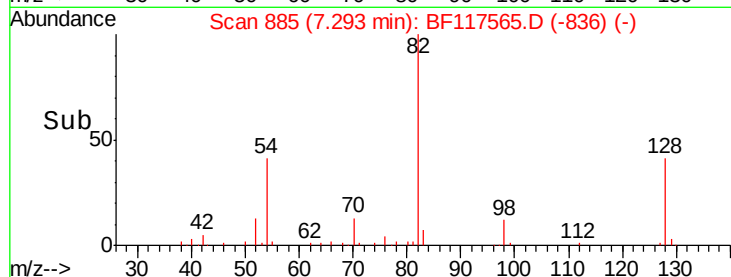
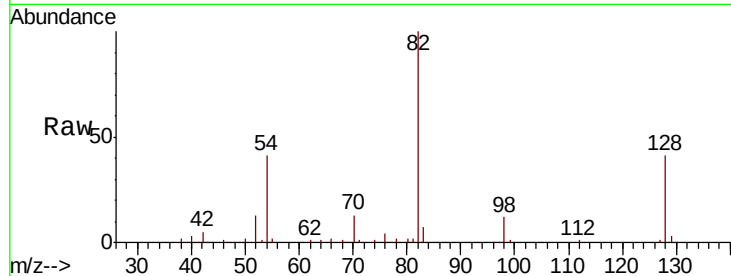




#23
 Nitrobenzene-d5
 Concen: 55.779 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

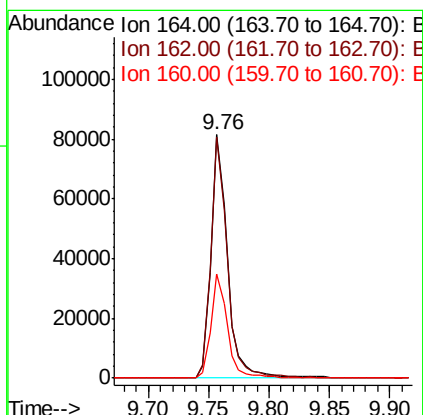
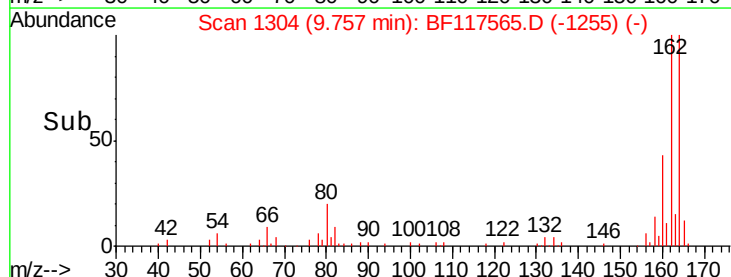
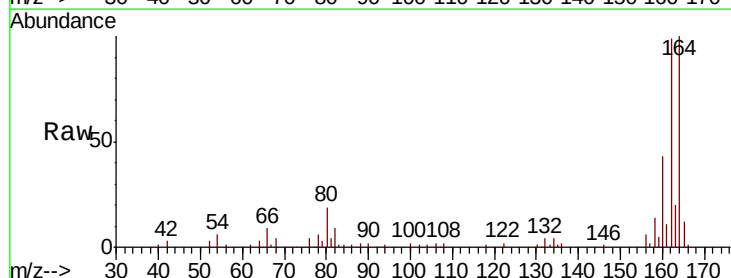
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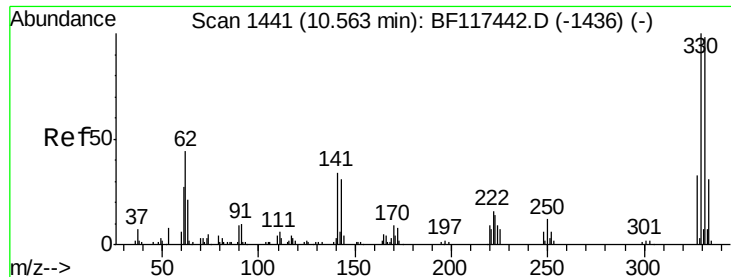
Tot Ion: 82 Resp: 168074
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.2 48.2
 54 40.9 34.2 51.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Tgt Ion: 164 Resp: 76895
 Ion Ratio Lower Upper
 164 100
 162 99.2 81.8 122.6
 160 42.9 34.4 51.6

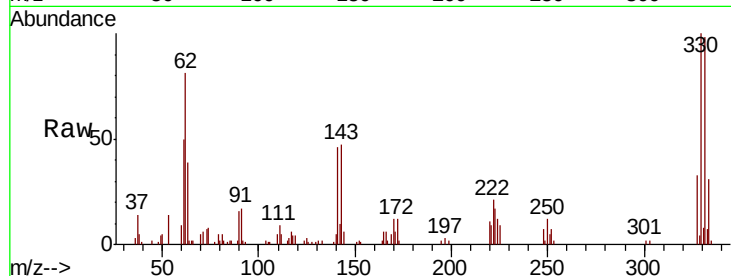




#42
 2,4,6-Tribromophenol
 Concen: 68.054 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 186-72-(0-2.2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	78.5	117.7
141	43.4	37.0	55.6

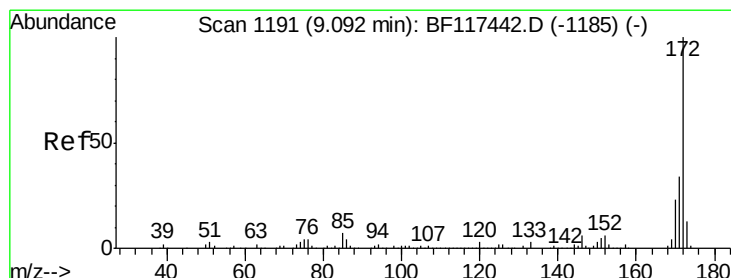
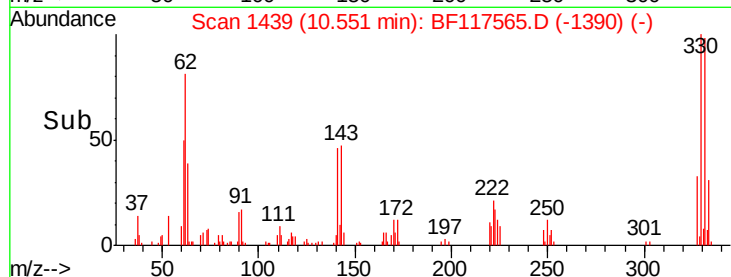
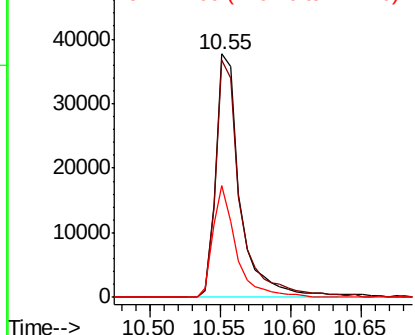


Abundance

Ion 329.80 (329.50 to 330.50): E

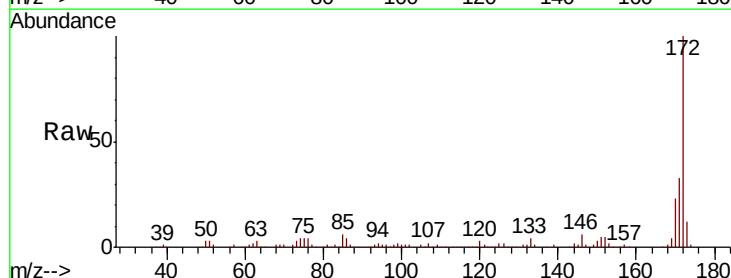
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 52.367 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.5	41.3
170	22.5	18.6	27.8

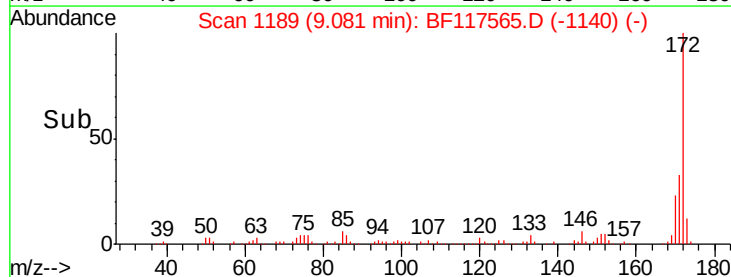
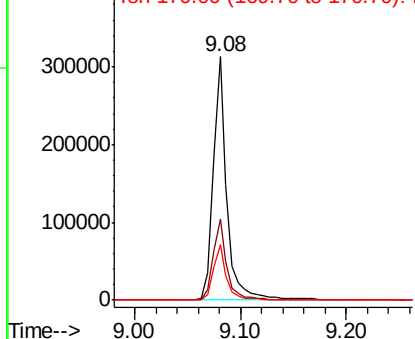


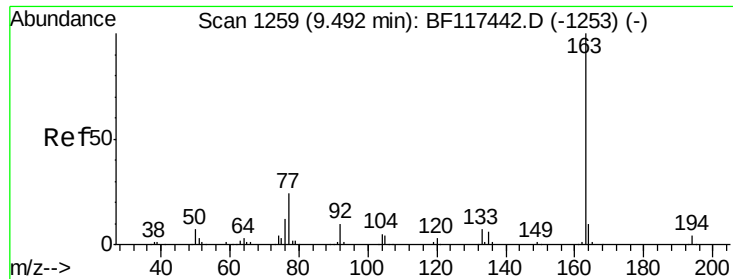
Abundance

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

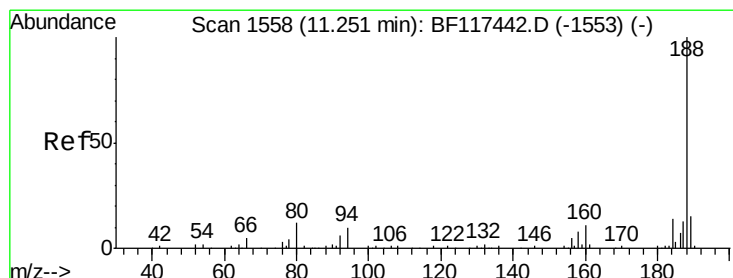
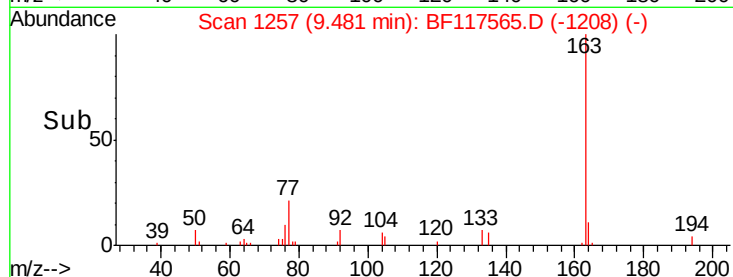
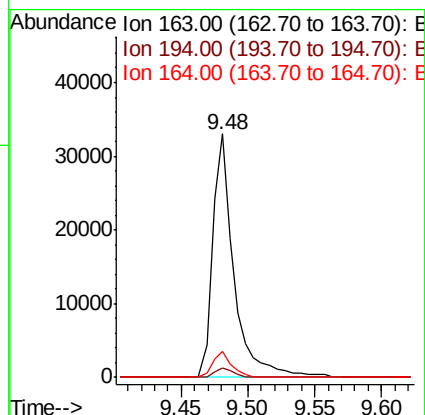
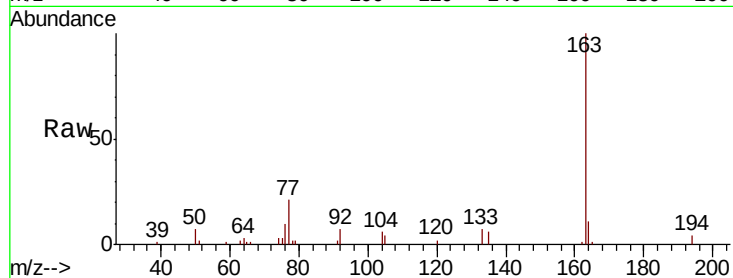




#50
Dimethylphthalate
Concen: 6.751 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117565.D
Acq: 28 Oct 2019 16:58

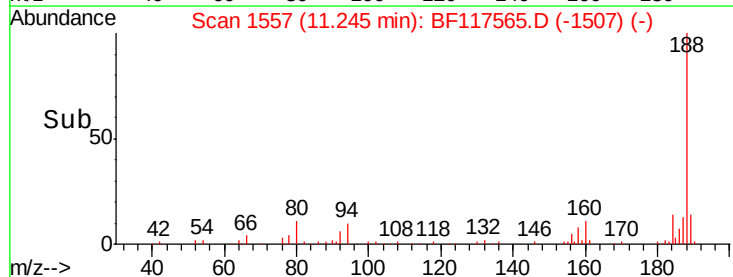
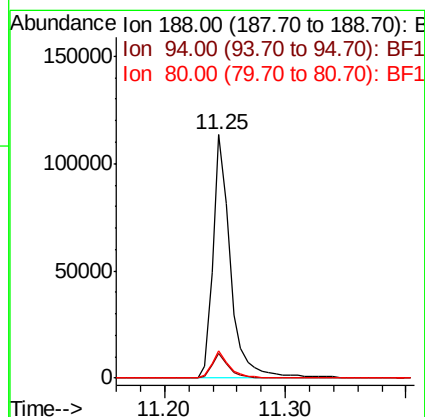
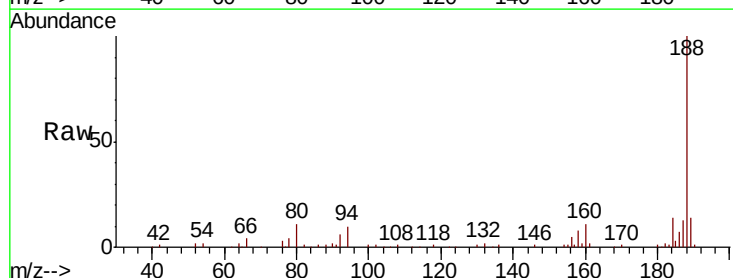
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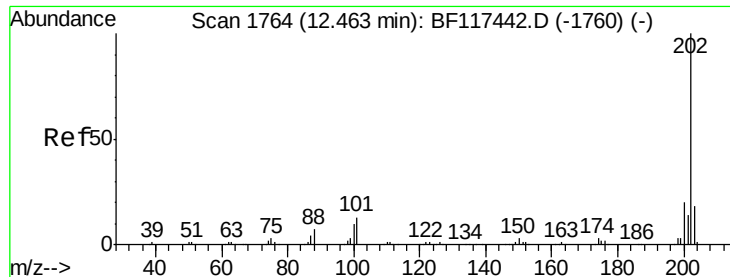
Tot Ion:163 Resp: 37008
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 10.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117565.D
Acq: 28 Oct 2019 16:58

Tgt Ion:188 Resp: 113350
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.3 9.5 14.3

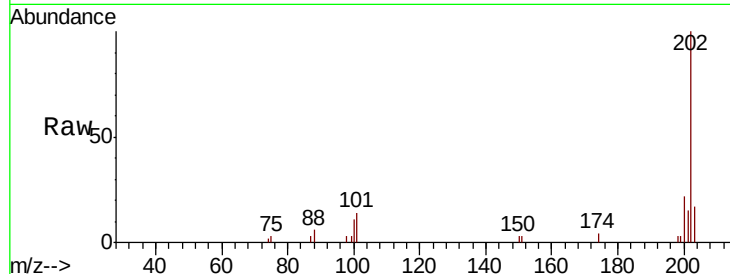




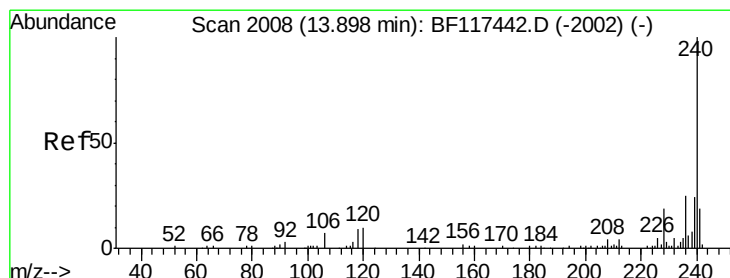
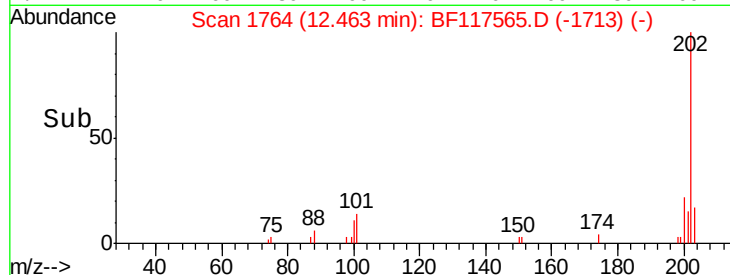
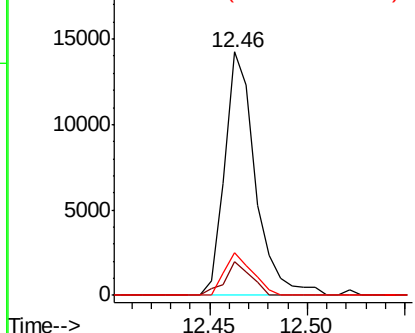
#75
 Fluoranthene
 Concen: 2.362 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Instrument :
 BNA_F
 ClientSampleId :
 186-72-(0-2.2)

Tot Ion:202 Resp: 15562
 Ion Ratio Lower Upper
 202 100
 101 13.6 0.0 32.7
 203 17.4 0.0 37.6

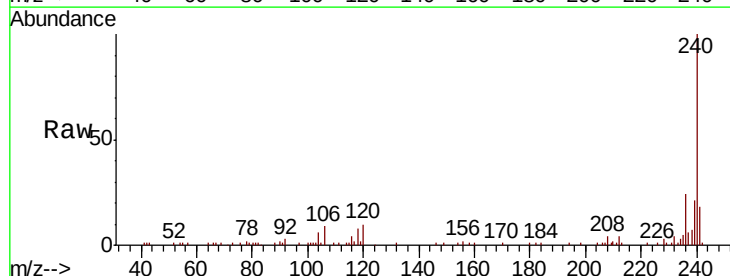


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

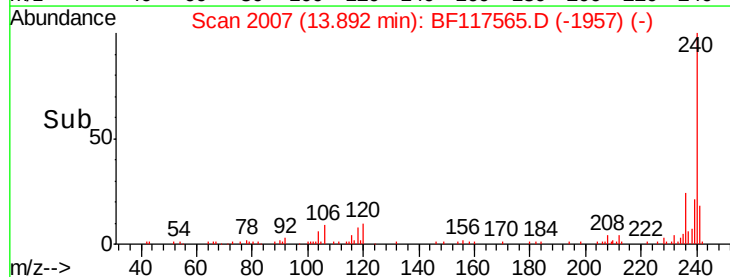
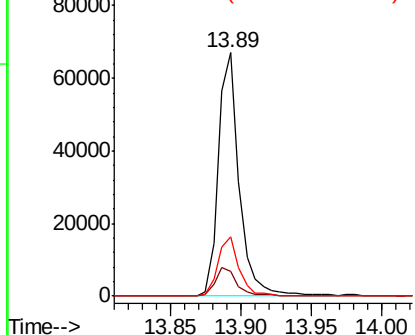


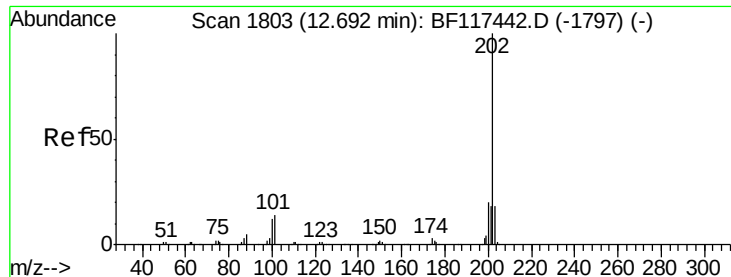
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117565.D
 Acq: 28 Oct 2019 16:58

Tgt Ion:240 Resp: 68792
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.4 12.6
 236 24.2 20.0 30.0



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

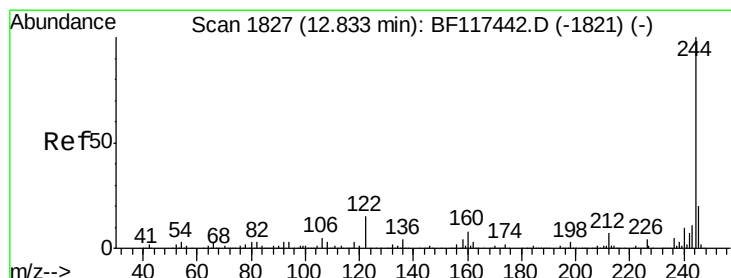
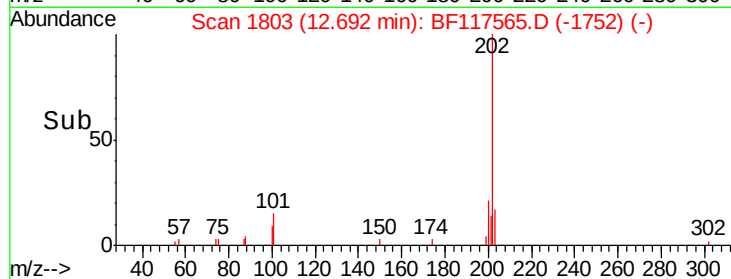
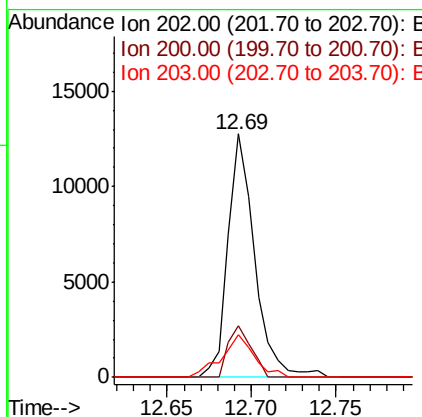
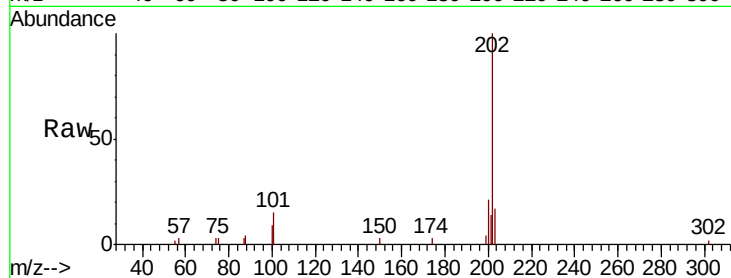




#78
Pvrene
Concen: 2.376 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117565.D
Acq: 28 Oct 2019 16:58

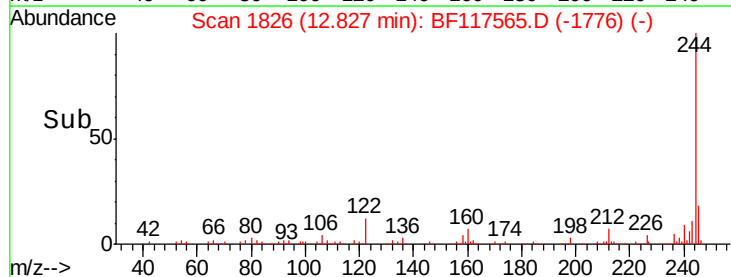
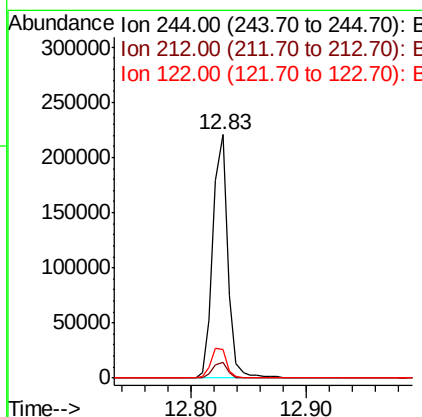
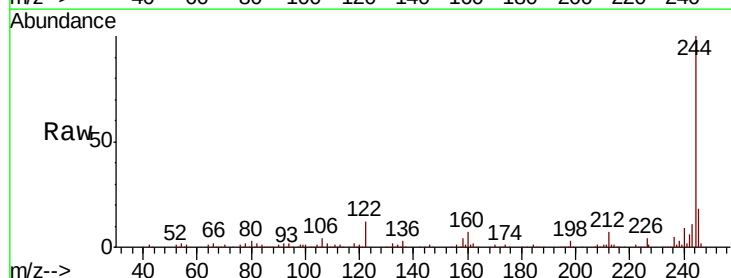
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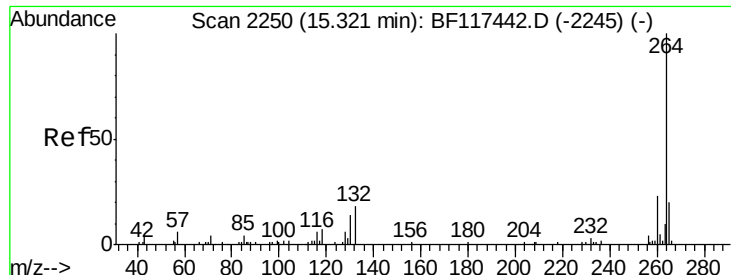
Tot Ion:202 Resp: 14041
Ion Ratio Lower Upper
202 100
200 21.1 16.2 24.2
203 17.3 14.0 21.0



#79
Terphenyl-d14
Concen: 47.069 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF117565.D
Acq: 28 Oct 2019 16:58

Tgt Ion:244 Resp: 198511
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.6
122 11.7 11.8 17.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117565.D
Acq: 28 Oct 2019 16:58

Instrument :
BNA_F
ClientSampleId :
186-72-(0-2.2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	22.5	16.1	24.1

