

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118518.D
 Acq On : 10 Jan 2020 16:52
 Operator : JU
 Sample : L1060-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jan 11 03:17:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 16:06:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	74030	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	319633	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	164224	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	288371	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	182941	20.00	ng	-0.01
87) Perylene-d12	15.52	264	167232	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	579939	129.32	ng	0.00
7) Phenol-d6	6.47	99	680159	126.86	ng	0.00
23) Nitrobenzene-d5	7.40	82	439421	72.22	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	254410	131.29	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	933281	81.51	ng	-0.01
79) Terphenyl-d14	12.96	244	1125243	97.47	ng	0.00

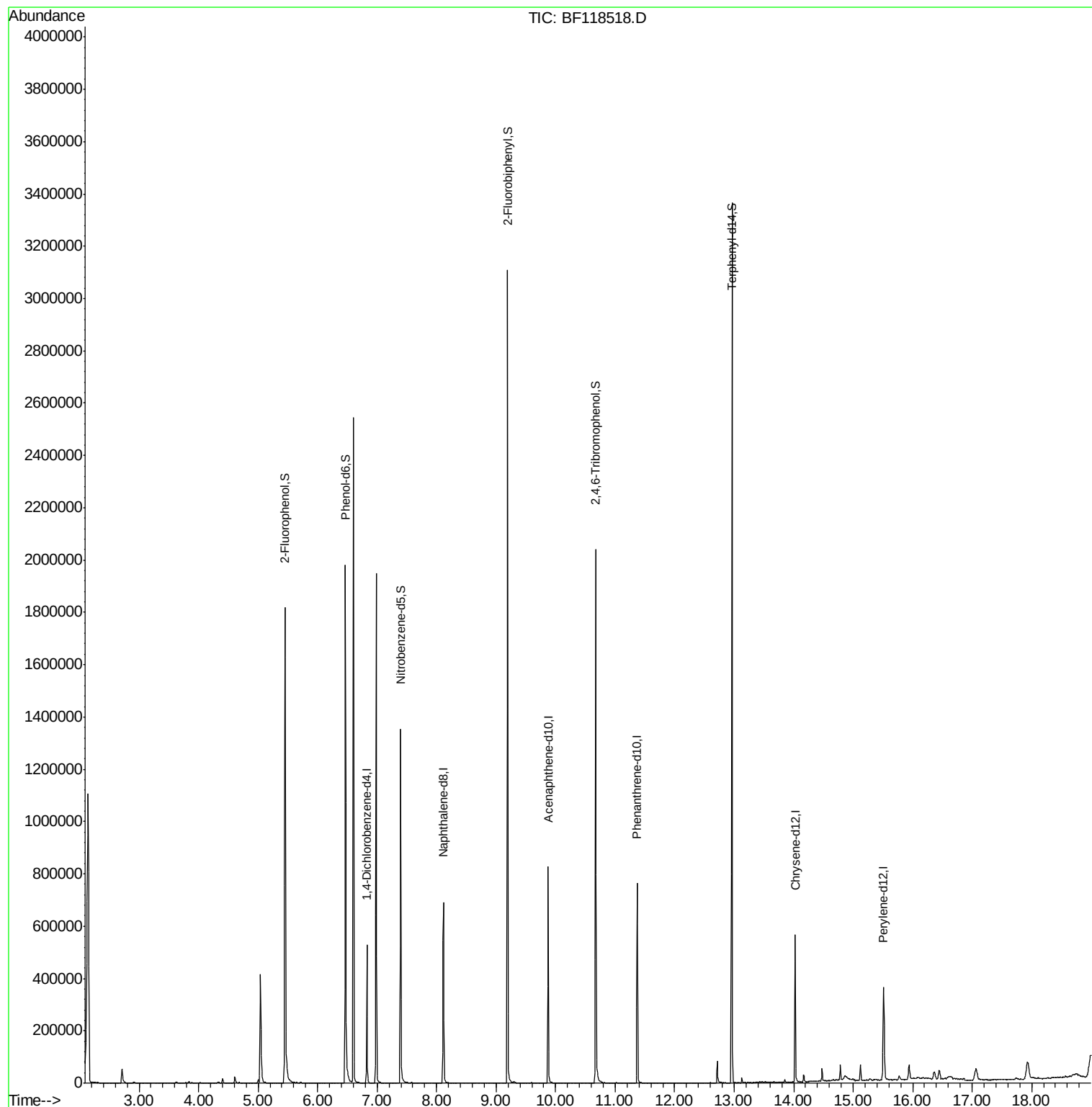
Target Compounds Qvalue

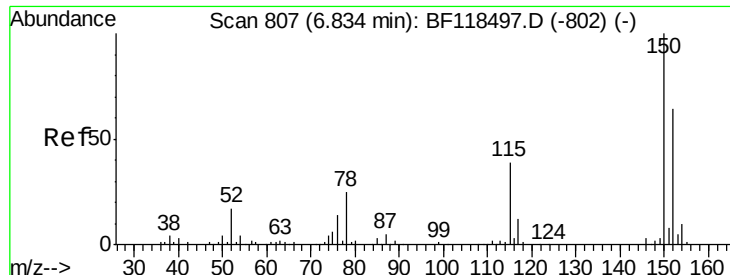
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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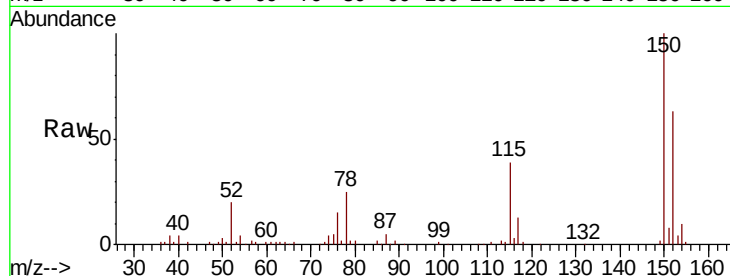


#1

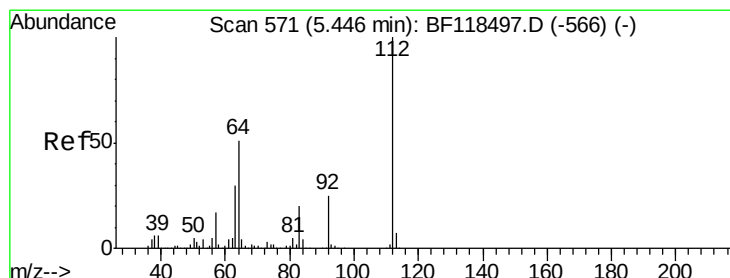
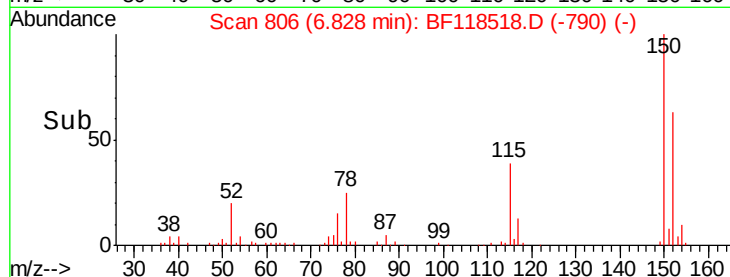
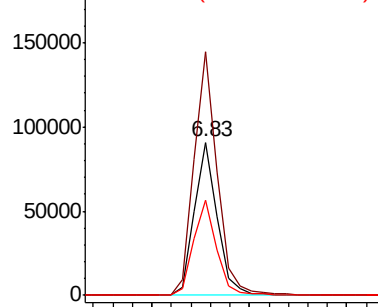
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118518.D
Acq: 10 Jan 2020 16:52

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:152 Resp: 74030
Ion Ratio Lower Upper
152 100
150 158.8 124.7 187.1
115 62.2 49.0 73.6



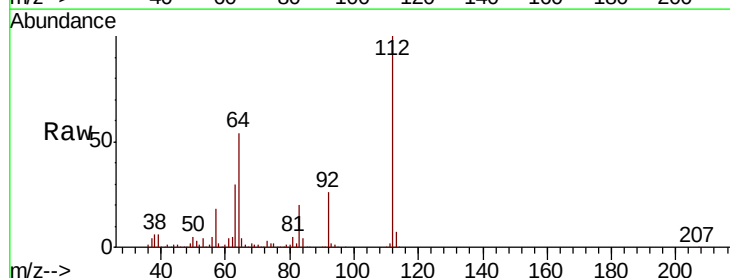
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



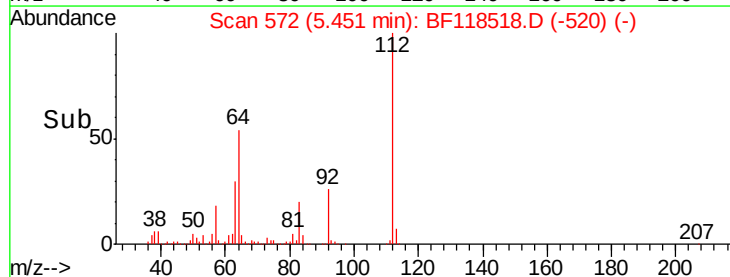
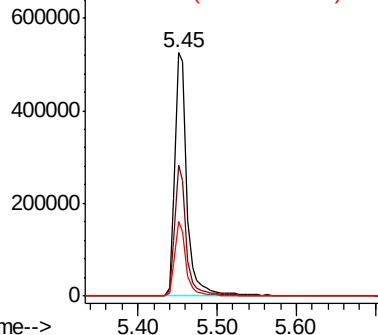
#5

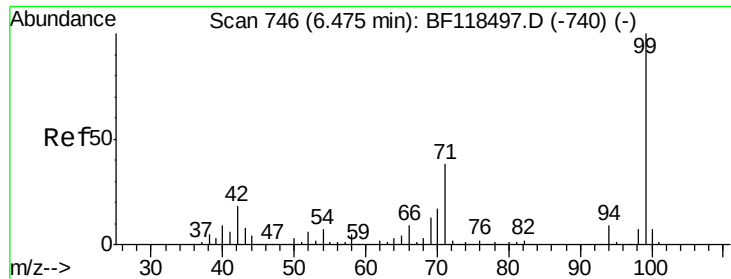
2-Fluorophenol
Concen: 129.317 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF118518.D
Acq: 10 Jan 2020 16:52

Tgt Ion:112 Resp: 579939
Ion Ratio Lower Upper
112 100
64 53.9 41.1 61.7
63 30.4 24.1 36.1



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: 126.856 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Instrument :

BNA_F

ClientSampled :

TP-1

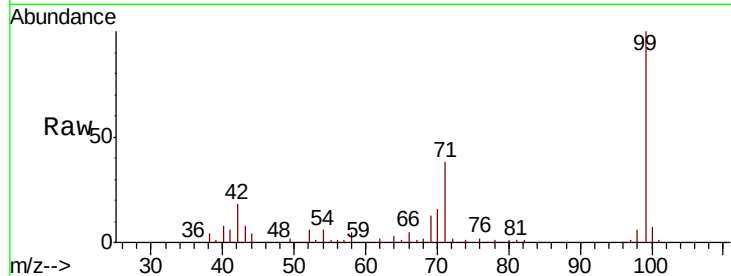
Tot Ion: 99 Resp: 680159

Ion Ratio Lower Upper

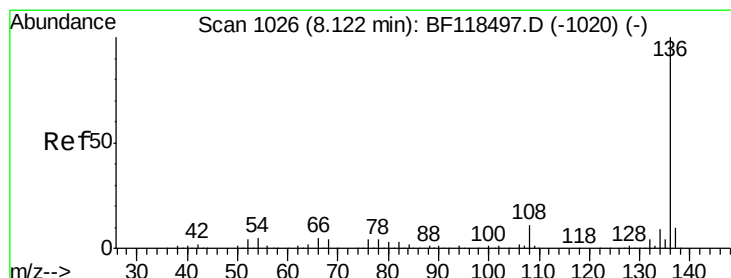
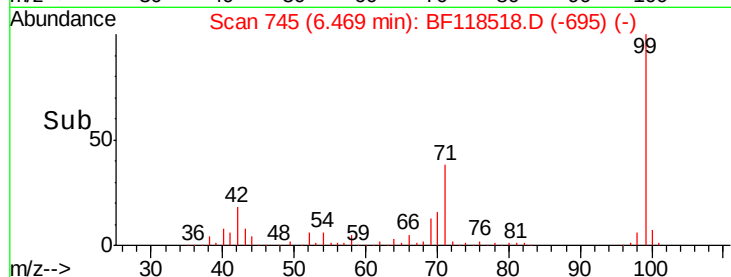
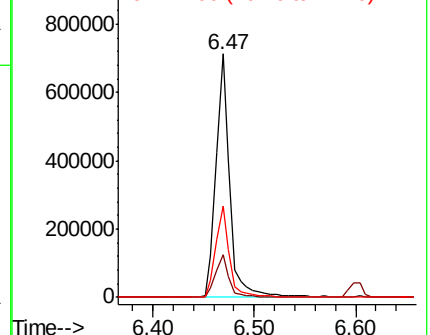
99 100

42 17.7 14.5 21.7

71 37.7 30.6 45.8



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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Tgt Ion: 136 Resp: 319633

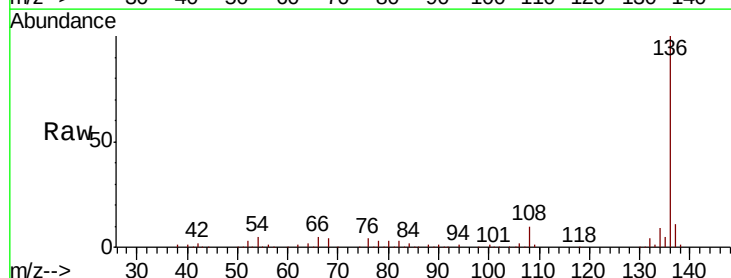
Ion Ratio Lower Upper

136 100

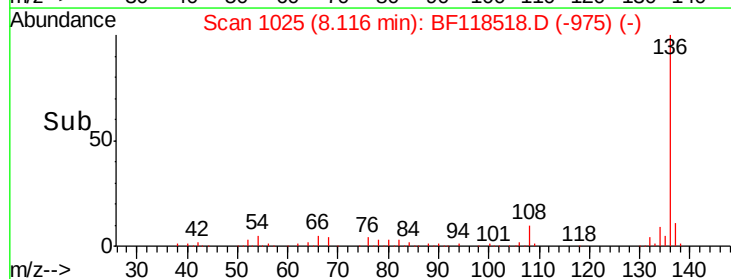
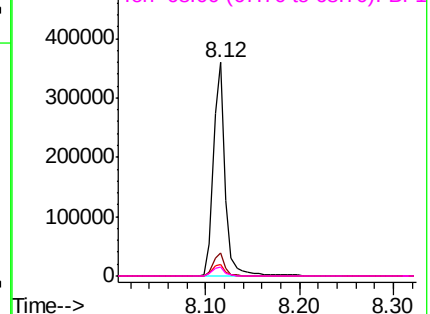
137 10.8 8.3 12.5

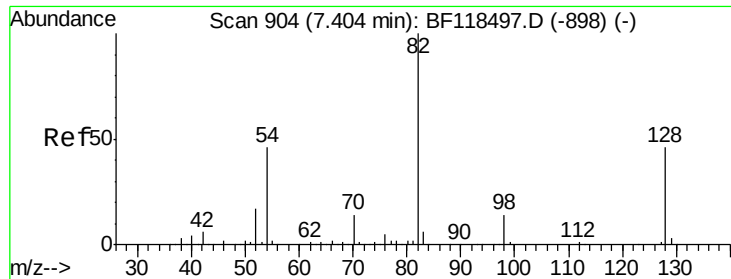
54 5.3 4.2 6.2

68 4.2 3.3 4.9



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

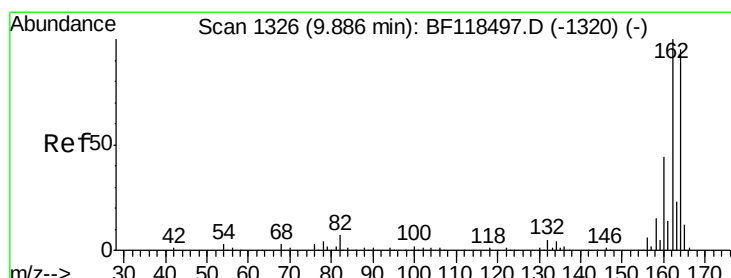
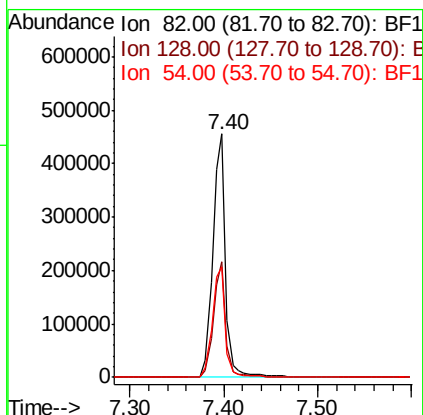
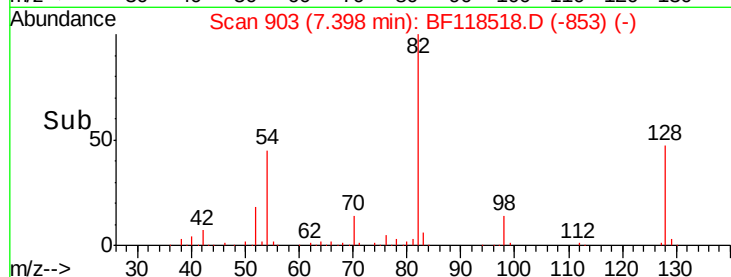
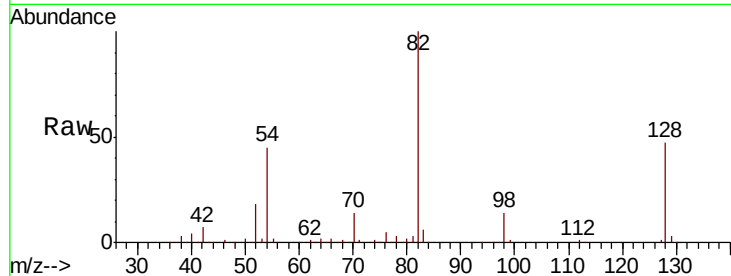




#23
 Nitrobenzene-d5
 Concen: 72.218 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

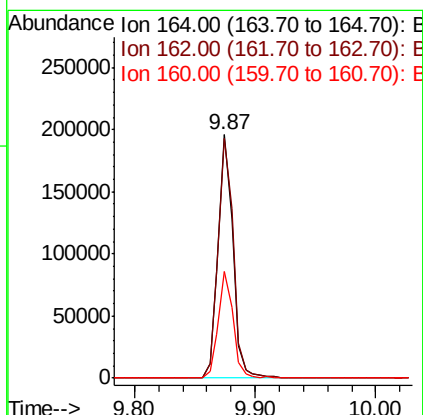
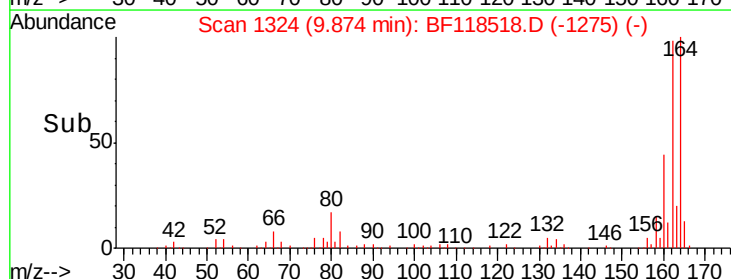
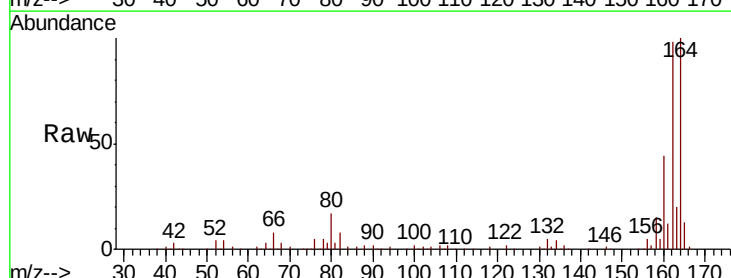
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

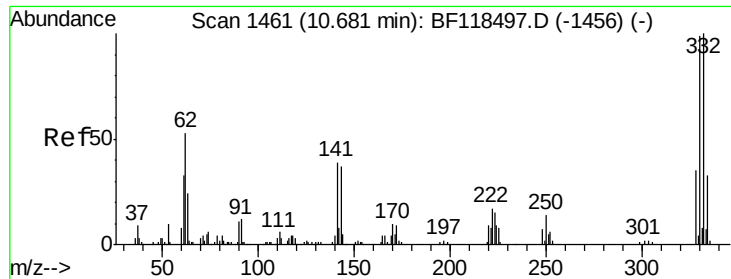
Tot Ion: 82 Resp: 439421
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.6 54.8
 54 45.2 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion:164 Resp: 164224
 Ion Ratio Lower Upper
 164 100
 162 98.4 84.2 126.4
 160 44.0 36.8 55.2

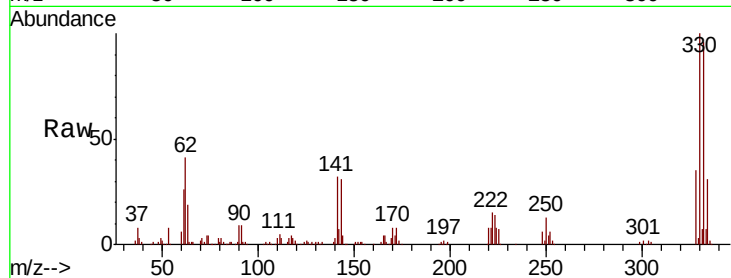




#42
 2,4,6-Tribromophenol
 Concen: 131.287 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	33.7	28.6	43.0

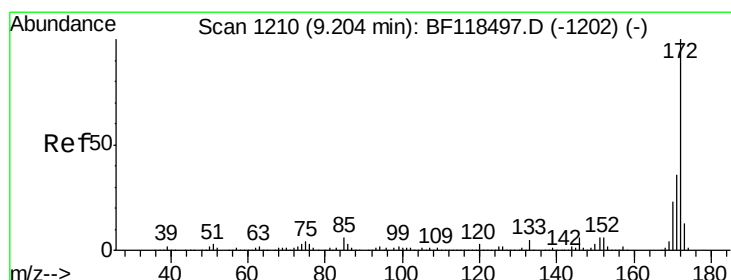
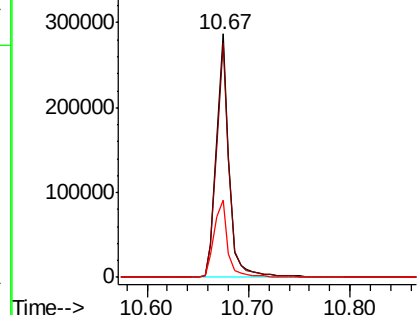
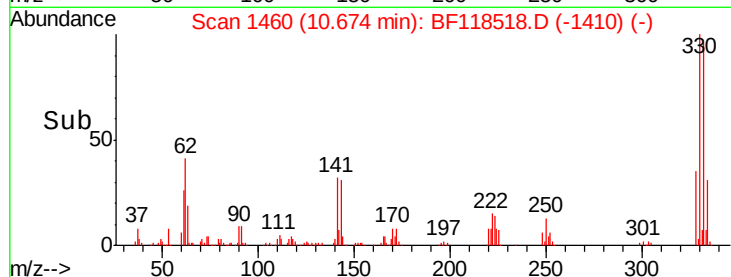


Abundance

Ion 329.80 (329.50 to 330.50): E

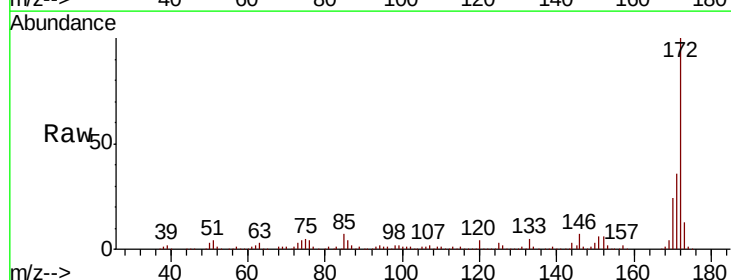
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.505 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.8	18.6	27.8

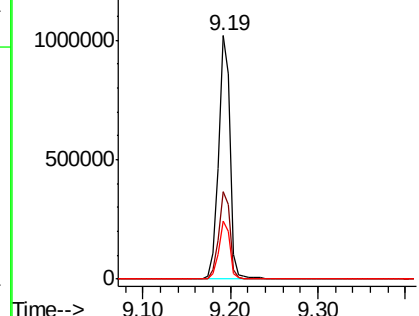
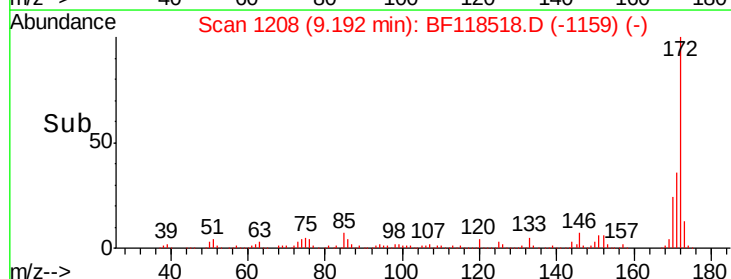


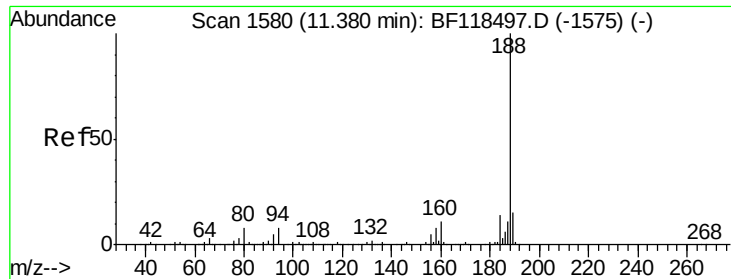
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

Instrument :

BNA_F

ClientSampleId :

TP-1

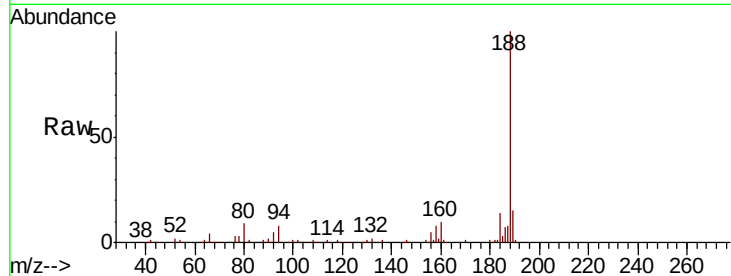
Tot Ion:188 Resp: 288371

Ion Ratio Lower Upper

188 100

94 8.3 6.2 9.4

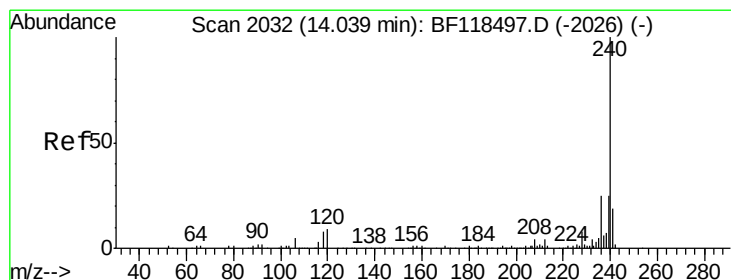
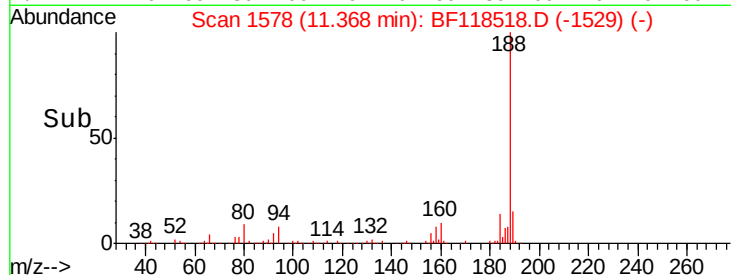
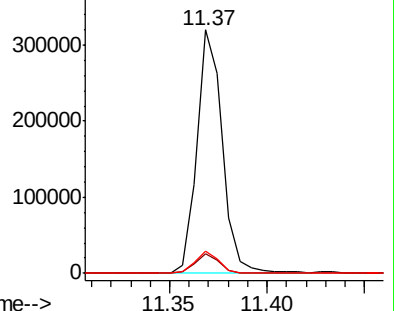
80 9.3 6.6 10.0



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118518.D

Acq: 10 Jan 2020 16:52

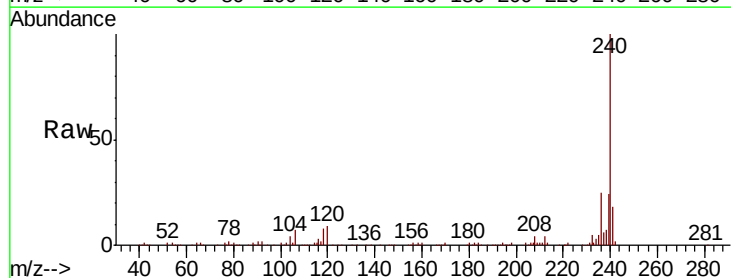
Tgt Ion:240 Resp: 182941

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

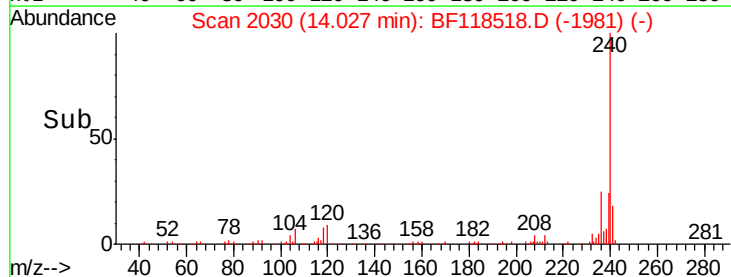
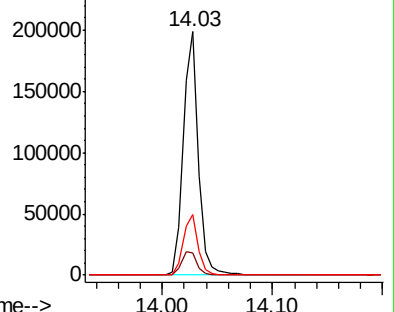
236 24.9 20.1 30.1

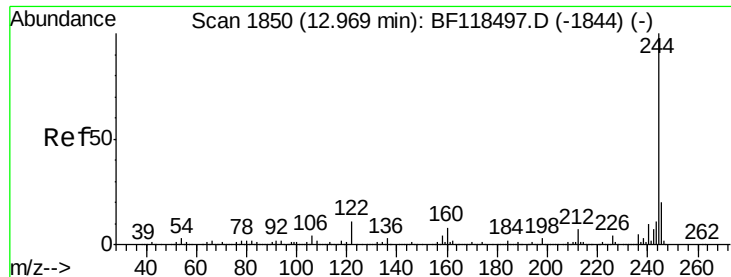


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

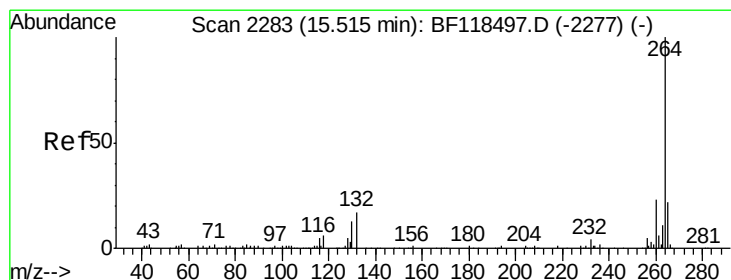
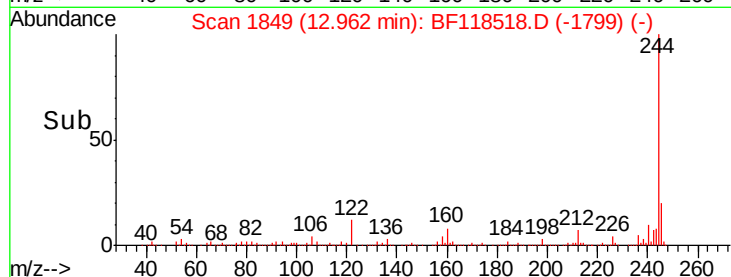
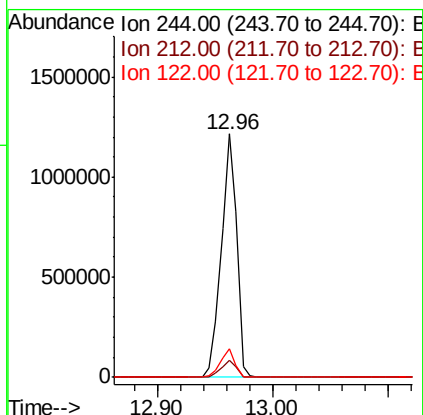
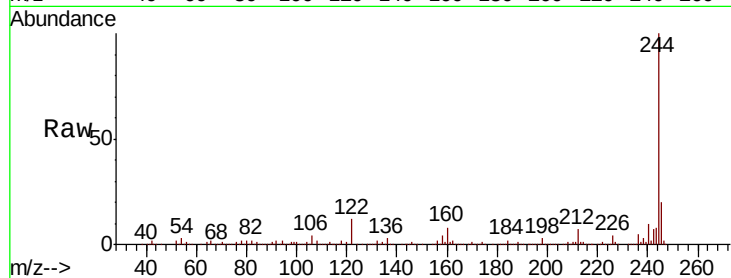




#79
 Terphenyl-d14
 Concen: 97.472 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:244 Resp: 1125243
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.9 9.0 13.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: BF118518.D
 Acq: 10 Jan 2020 16:52

Tgt Ion:264 Resp: 167232
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 20.2 17.5 26.3

