

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118522.D
 Acq On : 10 Jan 2020 18:43
 Operator : JU
 Sample : L1060-18
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jan 11 03:23:31 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	81212	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	275916	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	180036	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	300925	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	179595	20.00	ng	-0.01
87) Perylene-d12	15.52	264	182697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	494311	100.48	ng	0.01
7) Phenol-d6	6.47	99	594799	101.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	510234	97.14	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	232503	109.44	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1004717	80.04	ng	-0.01
79) Terphenyl-d14	12.96	244	1193036	105.27	ng	0.00

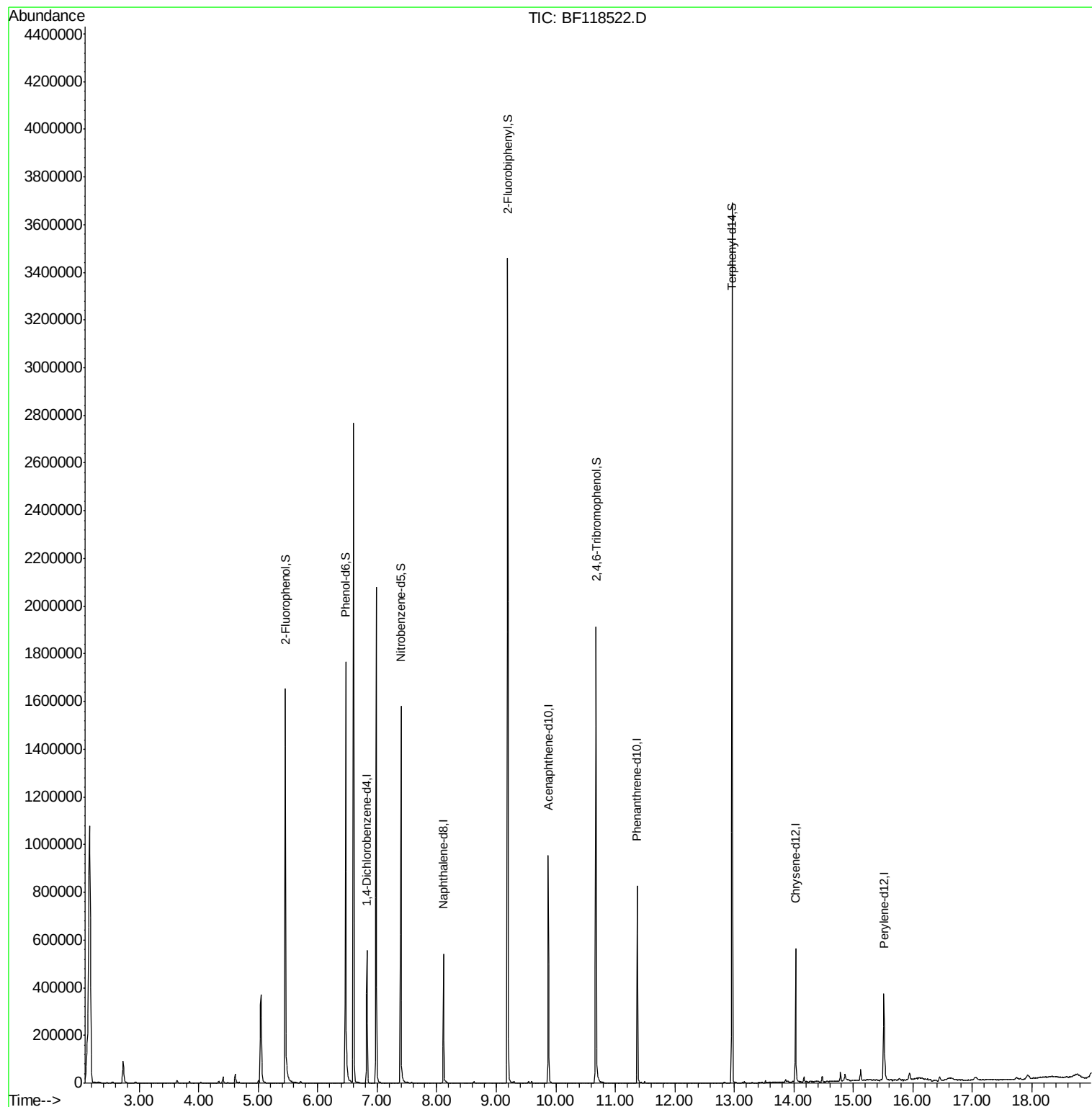
Target Compounds Qvalue

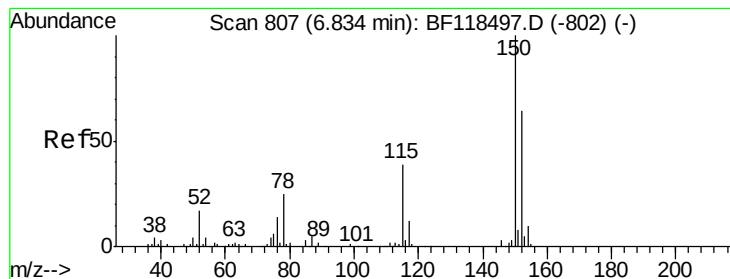
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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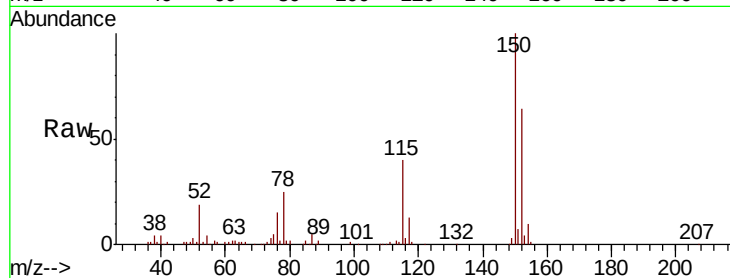


#1

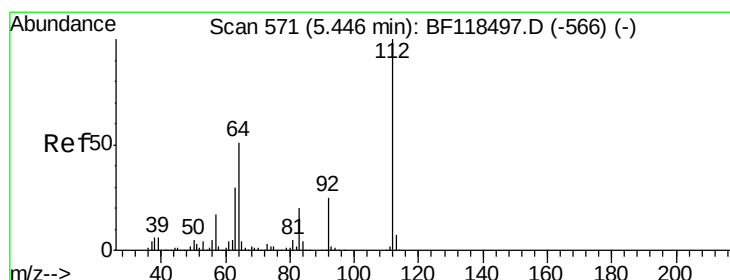
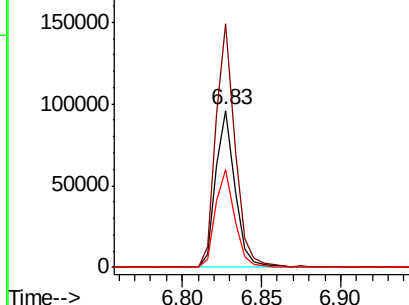
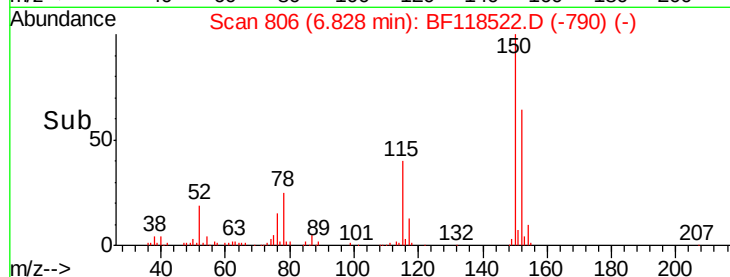
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion:152 Resp: 81212
Ion Ratio Lower Upper
152 100
150 155.5 124.7 187.1
115 62.3 49.0 73.6



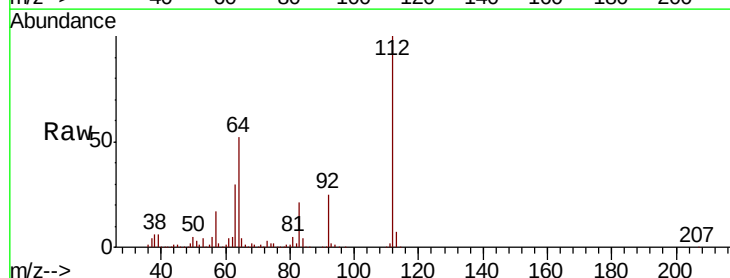
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



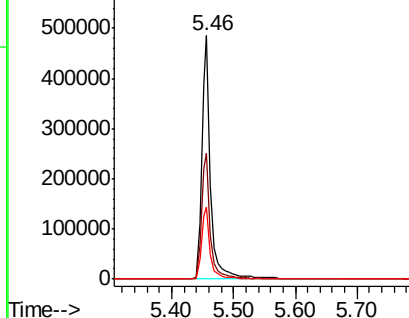
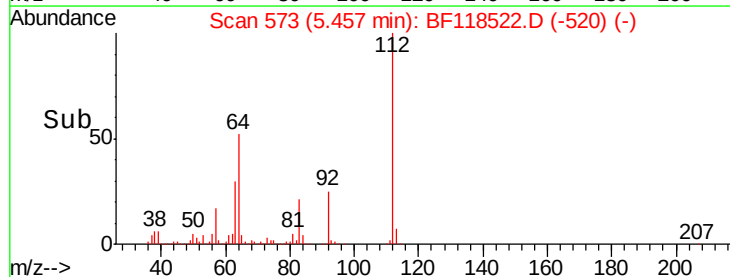
#5

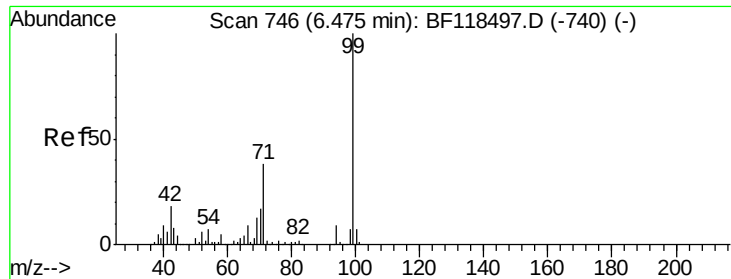
2-Fluorophenol
Concen: 100.476 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF118522.D
Acq: 10 Jan 2020 18:43

Tgt Ion:112 Resp: 494311
Ion Ratio Lower Upper
112 100
64 51.5 41.1 61.7
63 29.8 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: 101.125 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

Instrument :

BNA_F

ClientSampleId :

TP-3

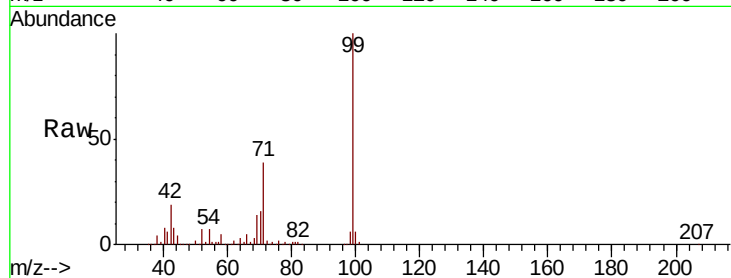
Tot Ion: 99 Resp: 594799

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

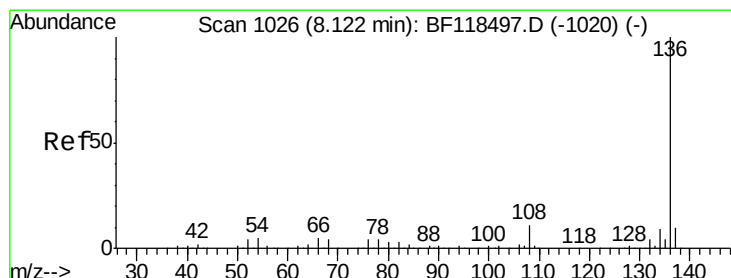
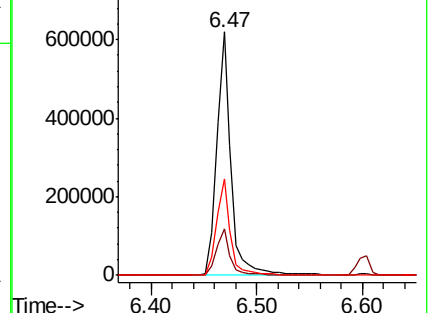
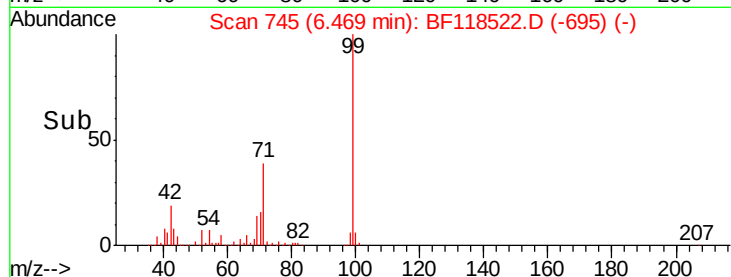
71 39.4 30.6 45.8



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: BF118522.D

Acq: 10 Jan 2020 18:43

Tgt Ion: 136 Resp: 275916

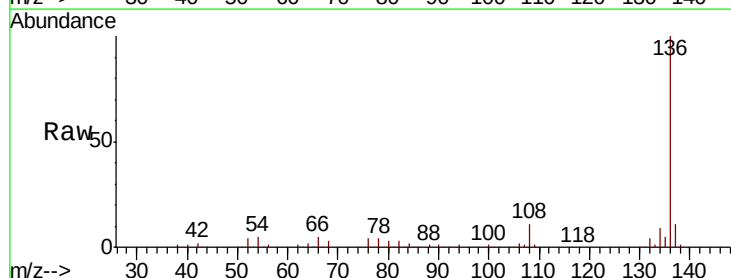
Ion Ratio Lower Upper

136 100

137 11.0 8.3 12.5

54 5.2 4.2 6.2

68 3.5 3.3 4.9

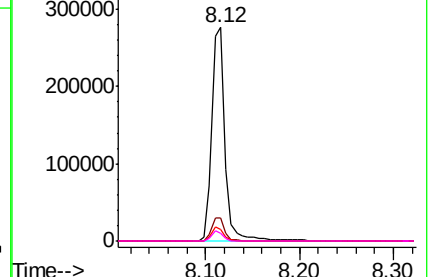
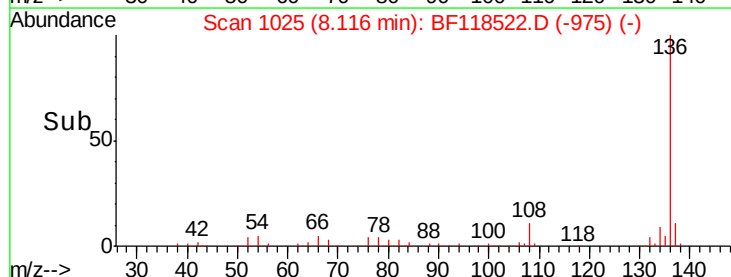


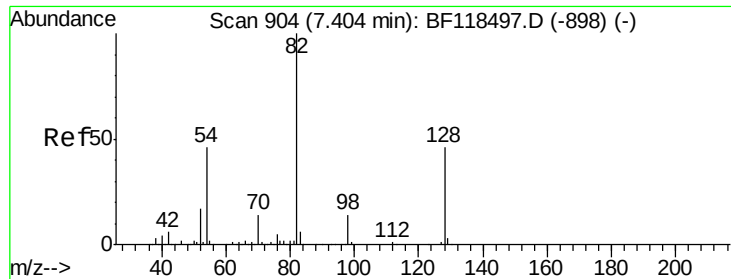
Abundance Ion 136.00 (135.70 to 136.70): E

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

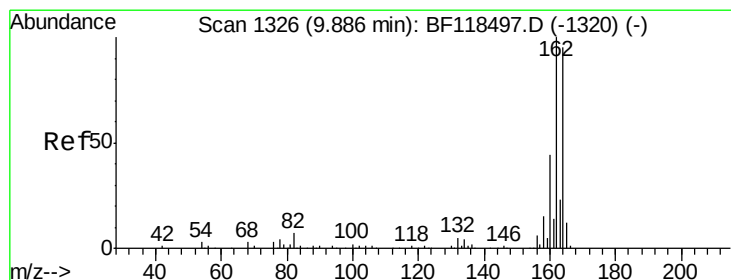
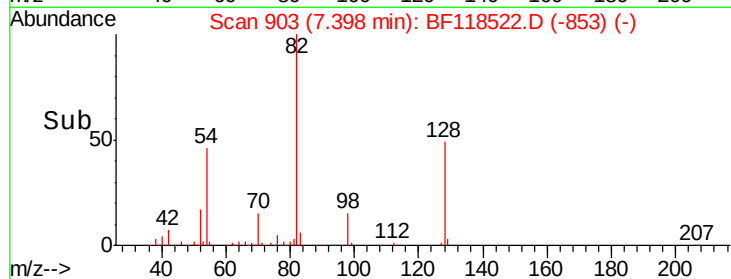
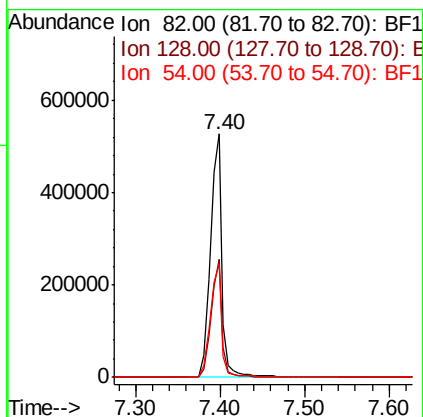
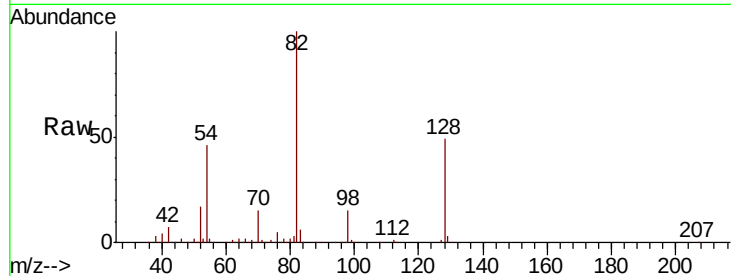




#23
 Nitrobenzene-d5
 Concen: 97.143 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118522.D
 Acq: 10 Jan 2020 18:43

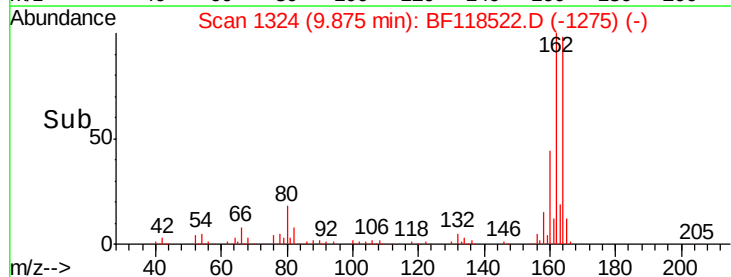
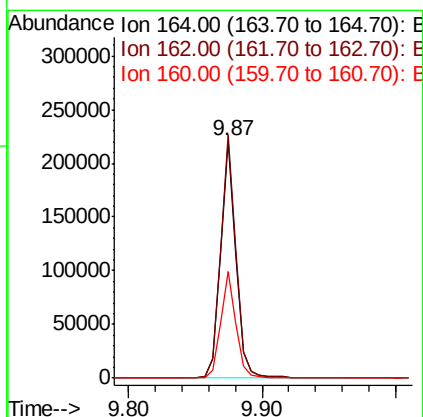
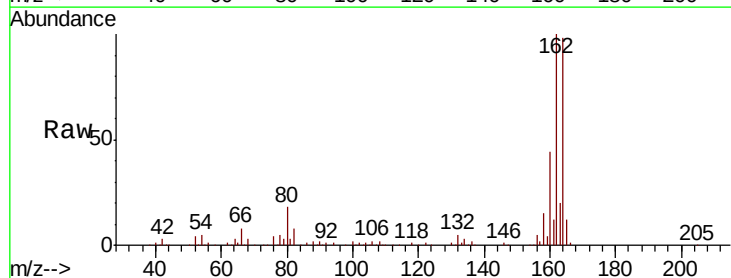
Instrument :
 BNA_F
 ClientSampled :
 TP-3

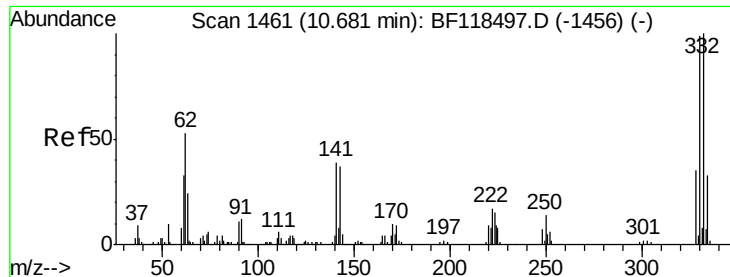
Tot Ion	82	Resp	510234
Ion Ratio	100		
Lower			
Upper			
128	48.8	36.6	54.8
54	46.5	37.0	55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118522.D
 Acq: 10 Jan 2020 18:43

Tgt Ion	164	Resp	180036
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
162	102.4	84.2	126.4
160	45.1	36.8	55.2





#42

2,4,6-Tribromophenol

Concen: 109.444 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

Instrument :

BNA_F

ClientSampleId :

TP-3

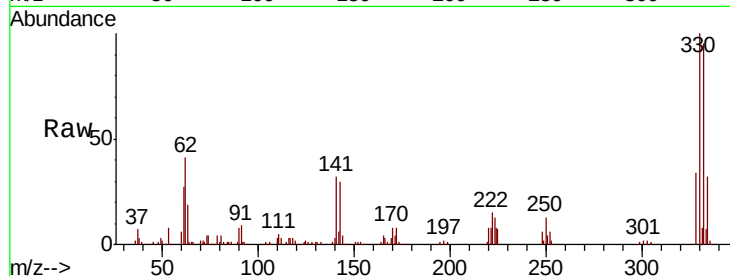
Tot Ion:330 Resp: 232503

Ion Ratio Lower Upper

330 100

332 97.2 77.9 116.9

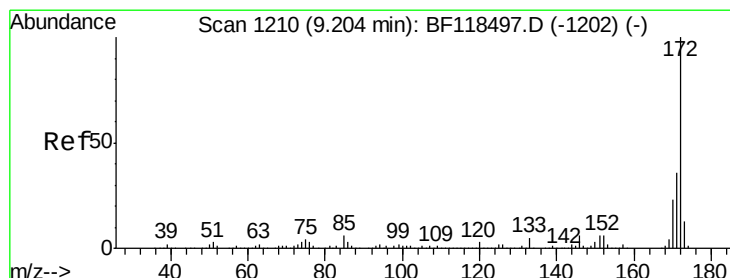
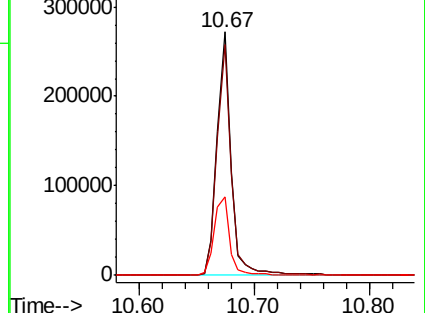
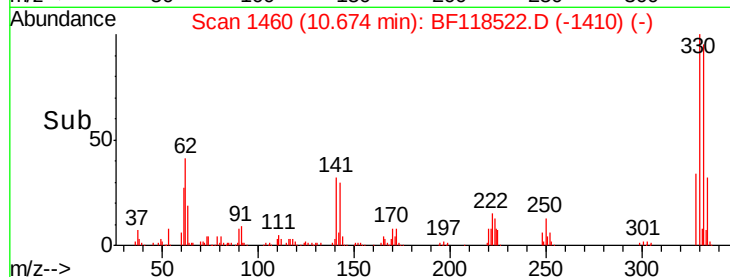
141 35.9 28.6 43.0



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: 80.038 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF118522.D

Acq: 10 Jan 2020 18:43

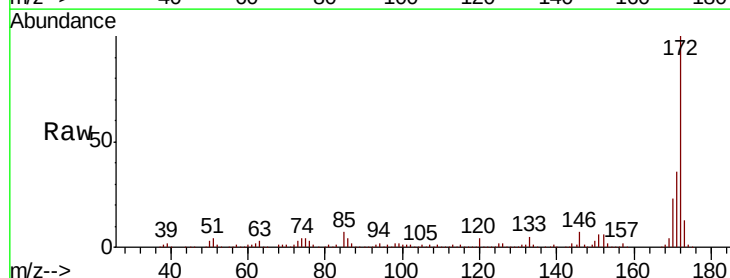
Tgt Ion:172 Resp: 1004717

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

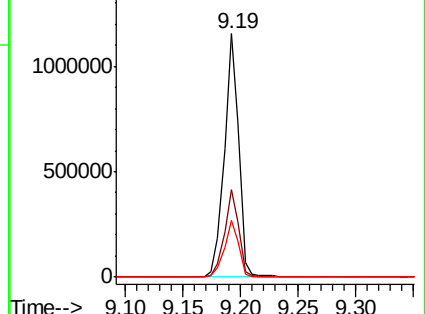
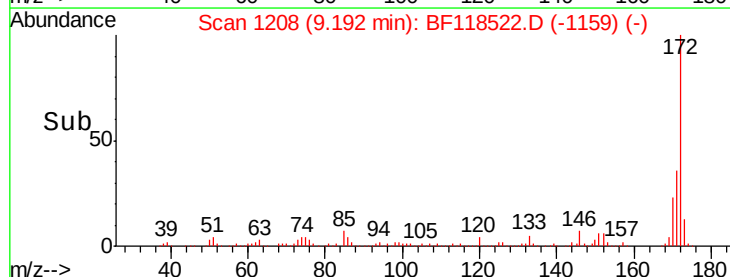
170 23.1 18.6 27.8

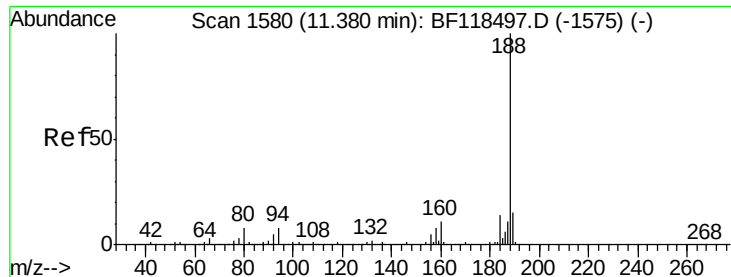


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF118522.D

Acq: 10 Jan 2020 18:43

Instrument :

BNA_F

ClientSampleId :

TP-3

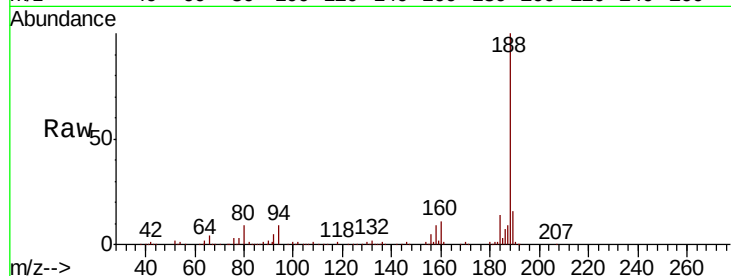
Tot Ion:188 Resp: 300925

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.4

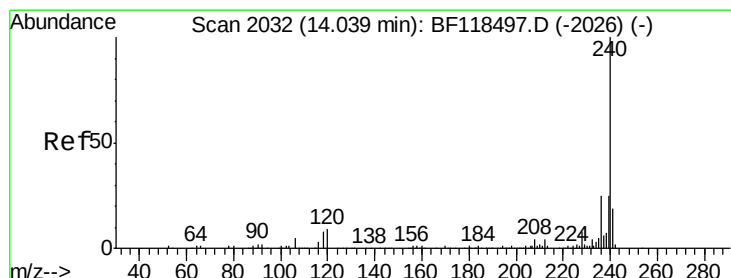
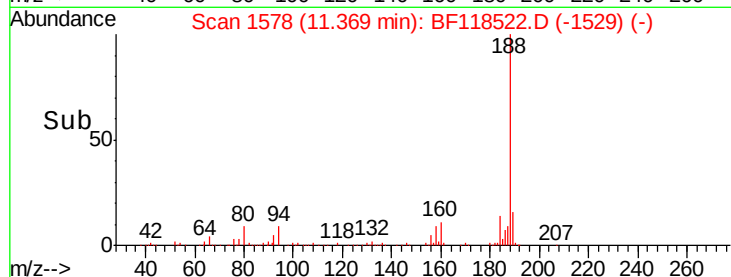
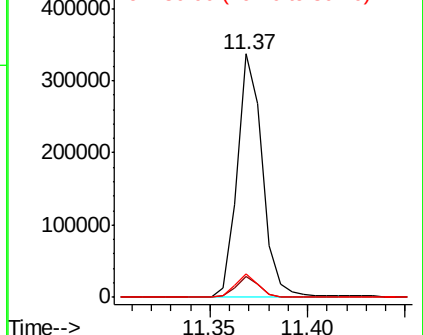
80 9.4 6.6 10.0



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: BF118522.D

Acq: 10 Jan 2020 18:43

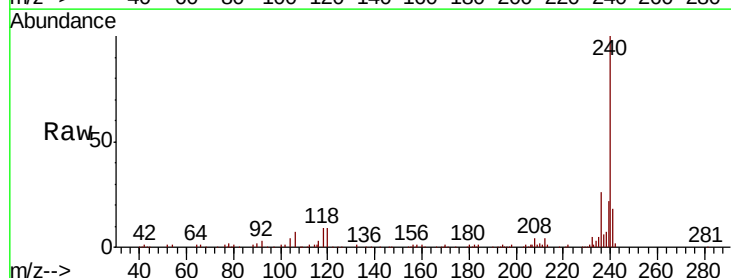
Tgt Ion:240 Resp: 179595

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

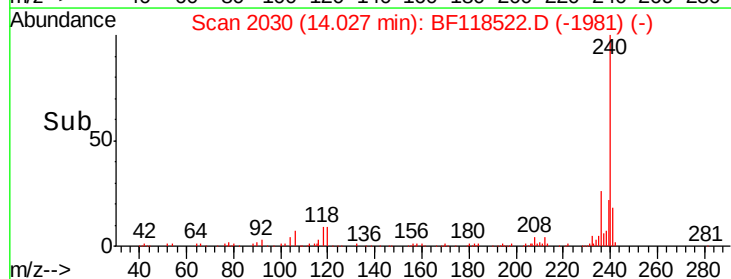
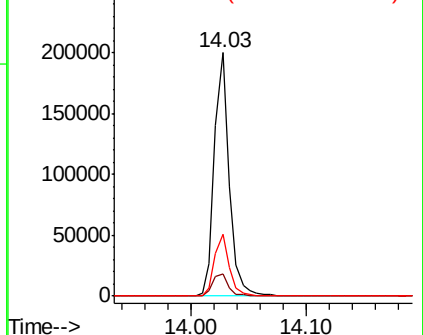
236 25.6 20.1 30.1

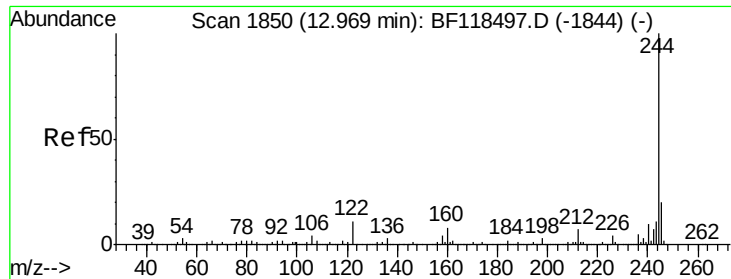


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

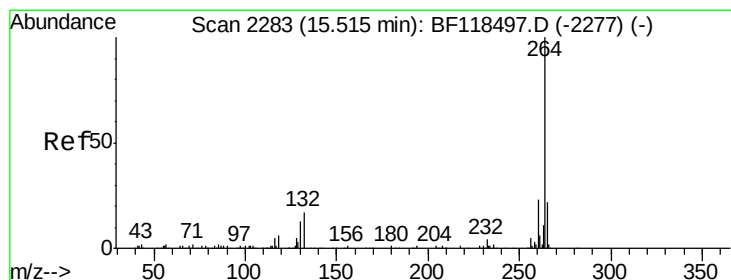
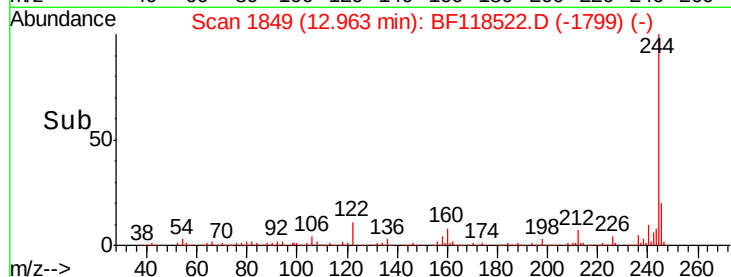
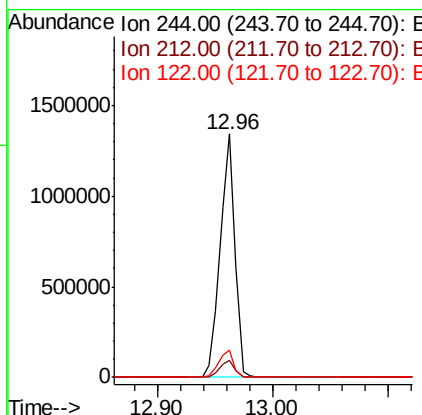
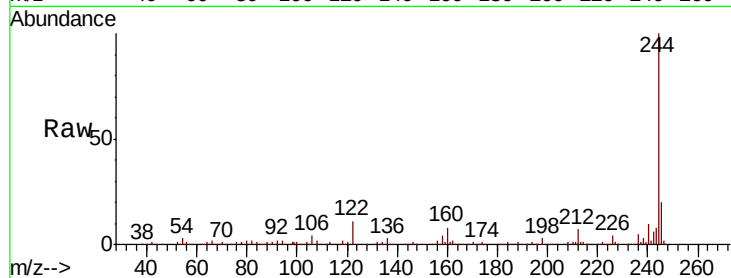




#79
 Terphenyl-d14
 Concen: 105.269 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF118522.D
 Acq: 10 Jan 2020 18:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:244 Resp: 1193036
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.3 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: BF118522.D
 Acq: 10 Jan 2020 18:43

Tgt Ion:264 Resp: 182697
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.8 28.2
 265 20.5 17.5 26.3

