

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118517.D
 Acq On : 10 Jan 2020 16:24
 Operator : JU
 Sample : PB126016TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126016TB

Quant Time: Jan 11 03:15:10 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	74016	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	310272	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	167560	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	331330	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	204926	20.00	ng	-0.01
87) Perylene-d12	15.52	264	193233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	546083	121.79	ng	0.02
7) Phenol-d6	6.47	99	655251	122.23	ng	0.00
23) Nitrobenzene-d5	7.40	82	489511	82.88	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	236983	119.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	901615	77.17	ng	-0.01
79) Terphenyl-d14	12.96	244	1267287	98.00	ng	0.00

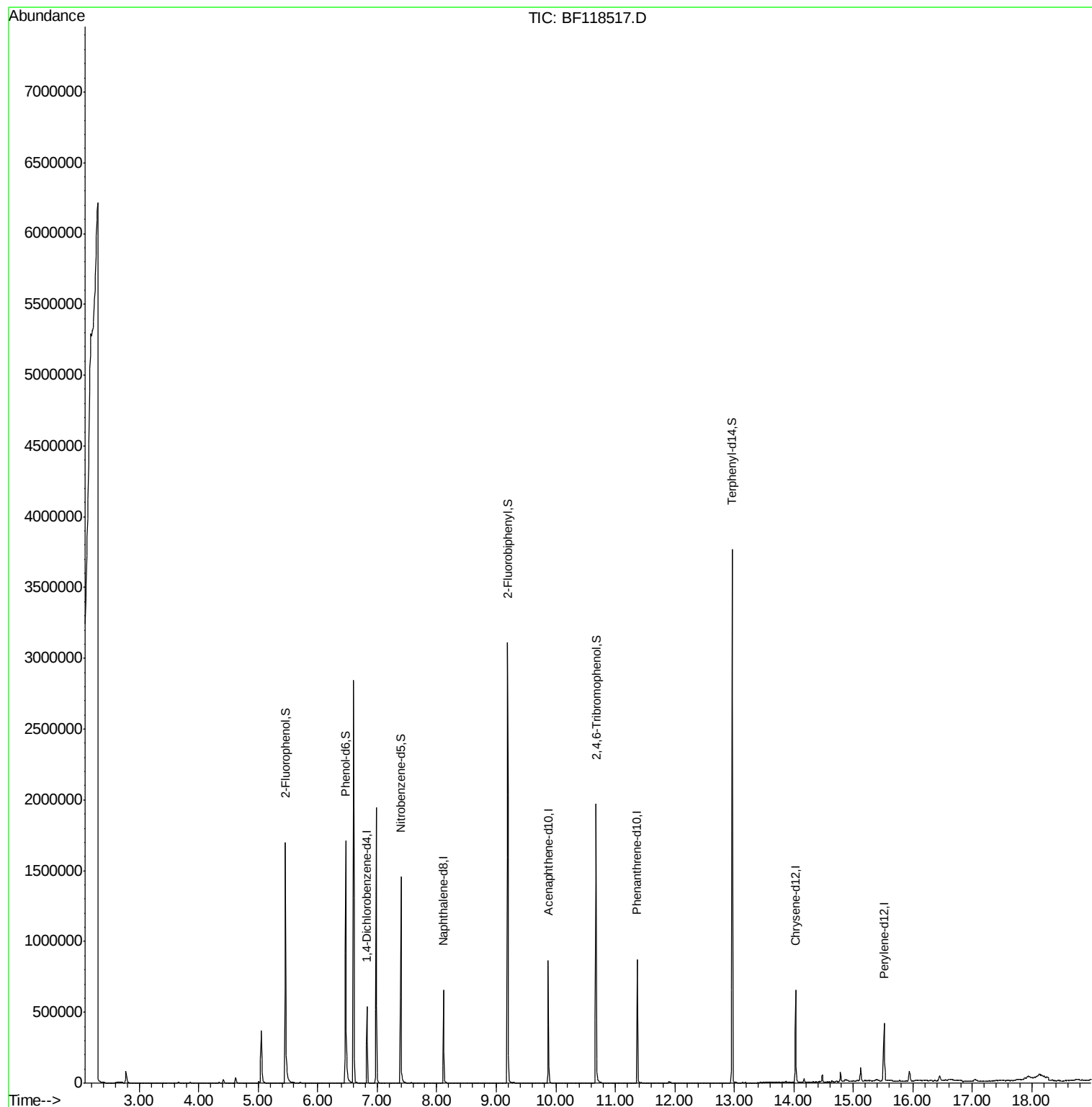
Target Compounds Qvalue

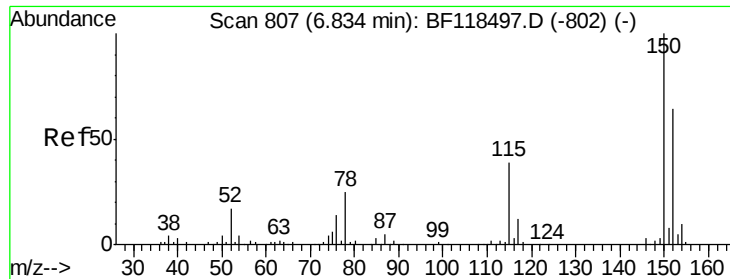
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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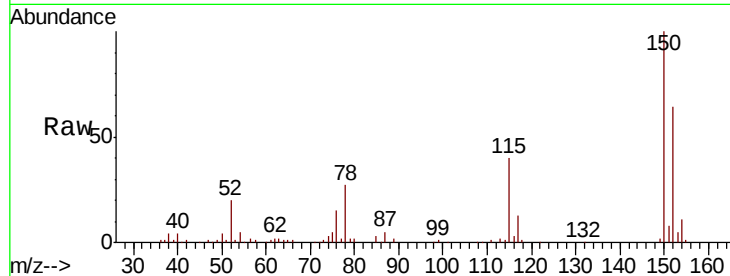


#1

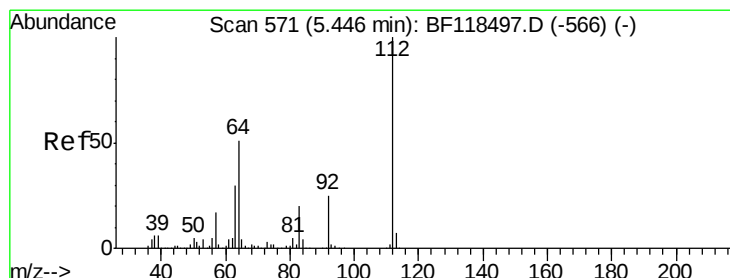
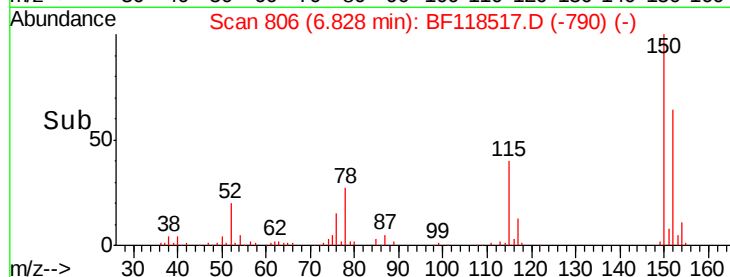
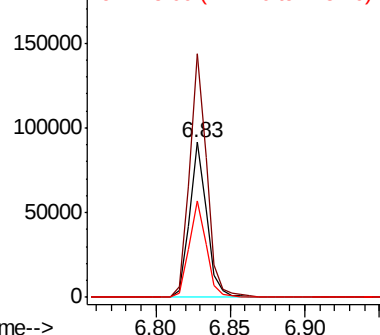
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Instrument :
BNA_F
ClientSampleId :
PB126016TB

Tot Ion:152 Resp: 74016
Ion Ratio Lower Upper
152 100
150 157.0 124.7 187.1
115 62.1 49.0 73.6



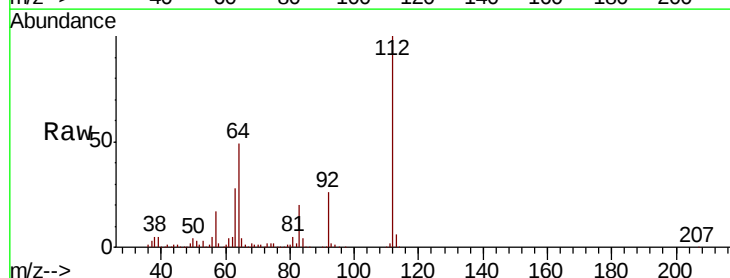
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



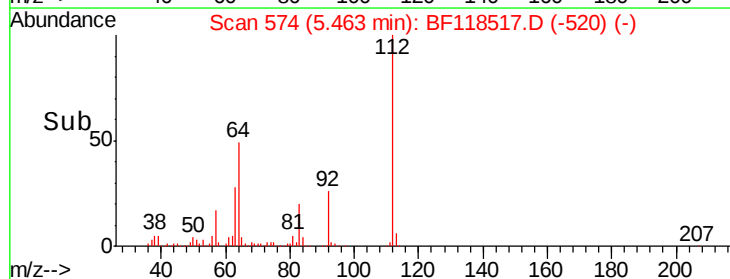
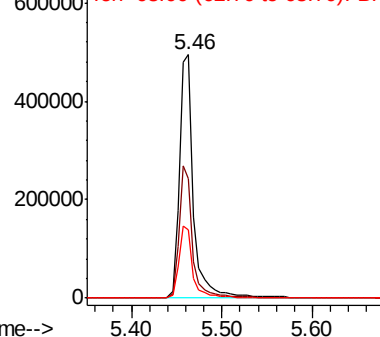
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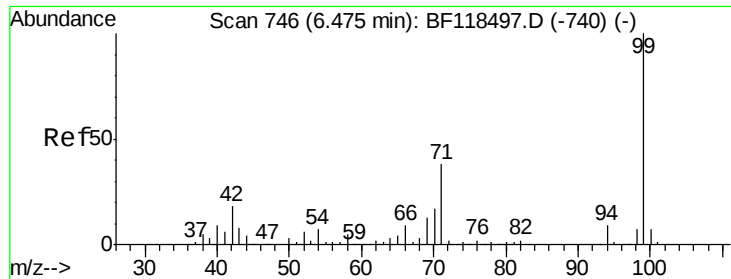
2-Fluorophenol
Concen: 121.791 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:112 Resp: 546083
Ion Ratio Lower Upper
112 100
64 48.9 41.1 61.7
63 28.0 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: 122.234 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF118517.D

Acq: 10 Jan 2020 16:24

Instrument :

BNA_F

ClientSampleId :

PB126016TB

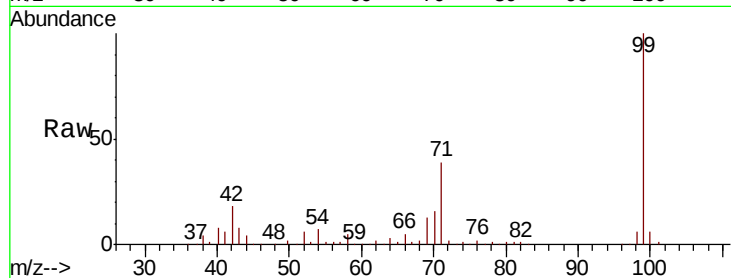
Tot Ion: 99 Resp: 655251

Ion Ratio Lower Upper

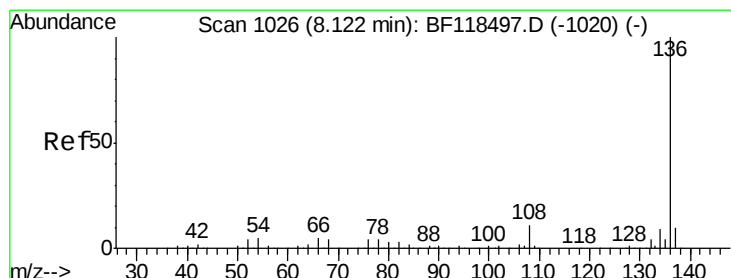
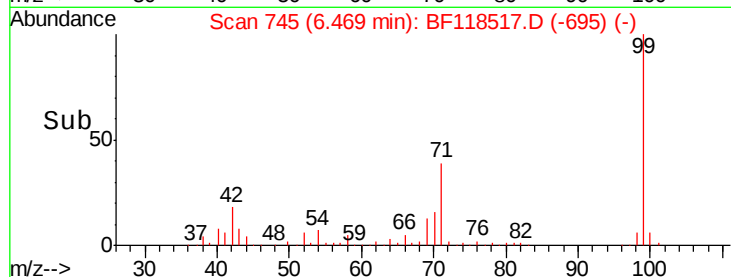
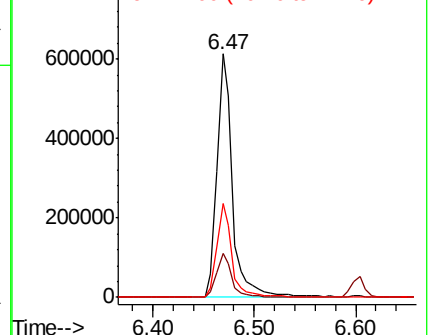
99 100

42 18.3 14.5 21.7

71 38.7 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: BF118517.D

Acq: 10 Jan 2020 16:24

Tgt Ion: 136 Resp: 310272

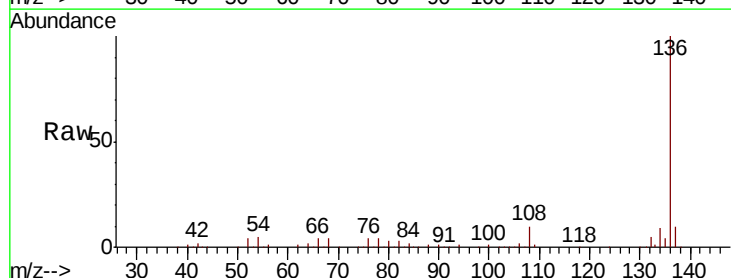
Ion Ratio Lower Upper

136 100

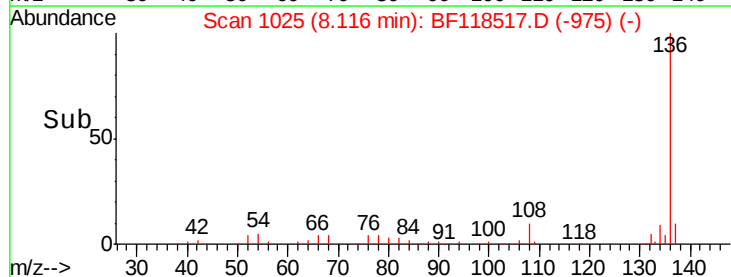
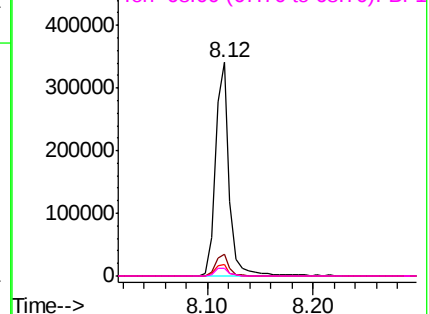
137 10.2 8.3 12.5

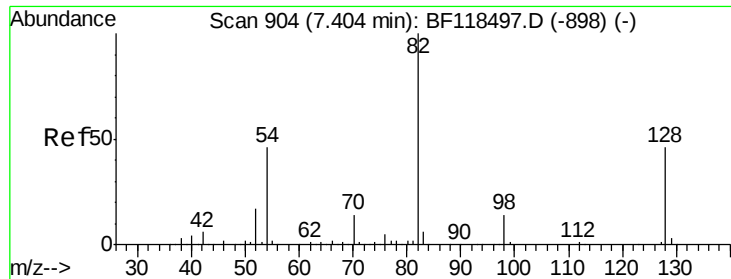
54 5.4 4.2 6.2

68 3.8 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

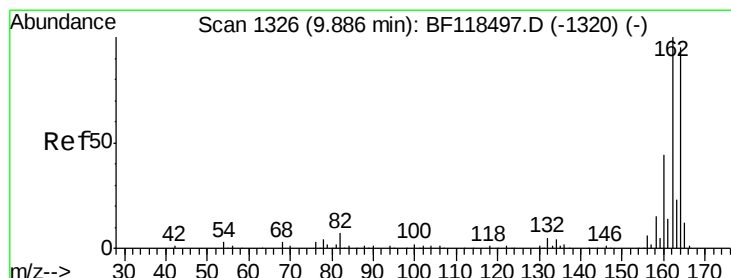
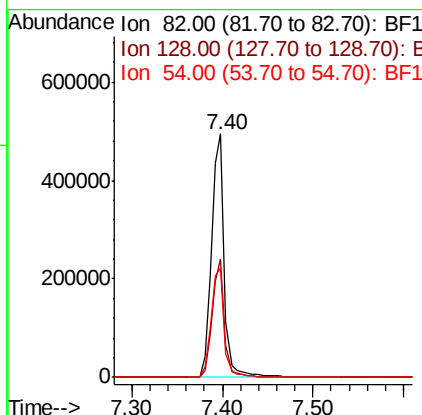
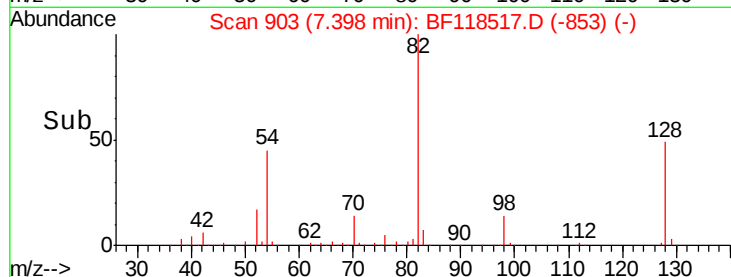
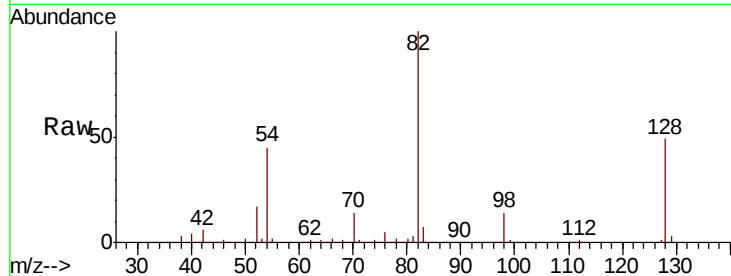




#23
 Nitrobenzene-d5
 Concen: 82.878 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118517.D
 Acq: 10 Jan 2020 16:24

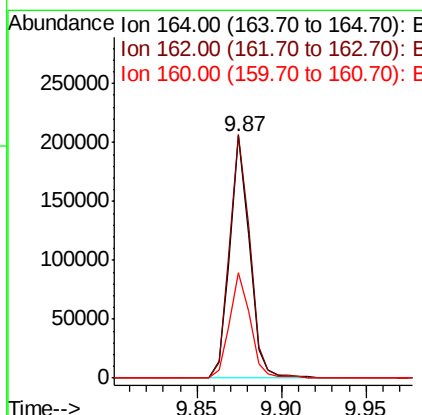
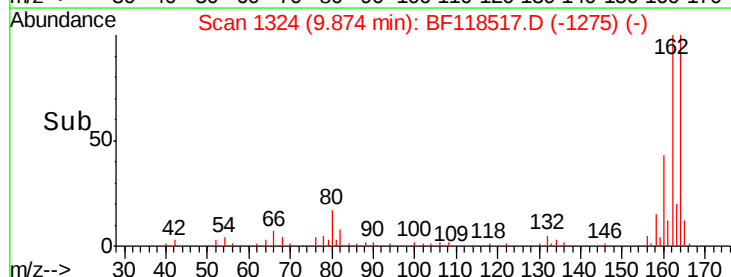
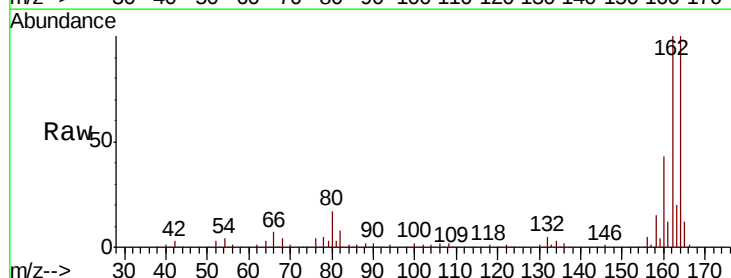
Instrument :
 BNA_F
 ClientSampleId :
 PB126016TB

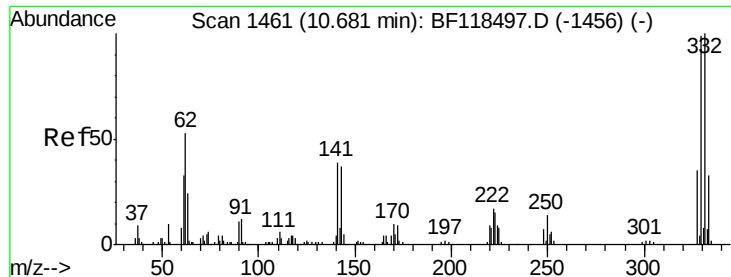
Tot Ion: 82 Resp: 489511
 Ion Ratio Lower Upper
 82 100
 128 48.7 36.6 54.8
 54 44.8 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118517.D
 Acq: 10 Jan 2020 16:24

Tgt Ion: 164 Resp: 167560
 Ion Ratio Lower Upper
 164 100
 162 100.5 84.2 126.4
 160 43.6 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 119.859 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF118517.D

Acq: 10 Jan 2020 16:24

Instrument :

BNA_F

ClientSampleId :

PB126016TB

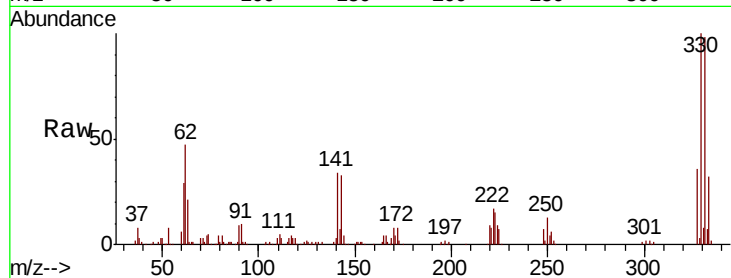
Tot Ion:330 Resp: 236983

Ion Ratio Lower Upper

330 100

332 97.0 77.9 116.9

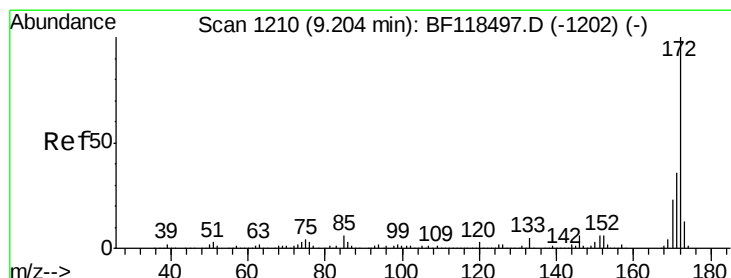
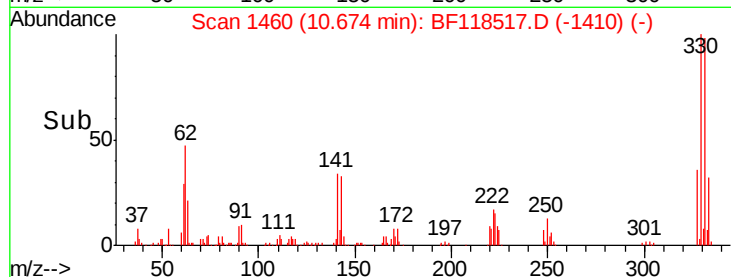
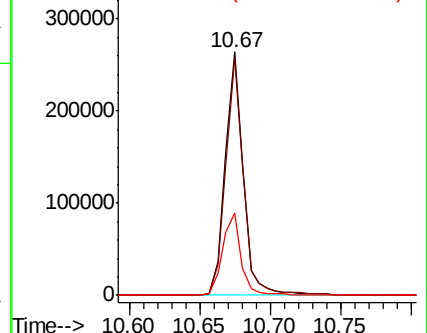
141 34.8 28.6 43.0



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: 77.172 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF118517.D

Acq: 10 Jan 2020 16:24

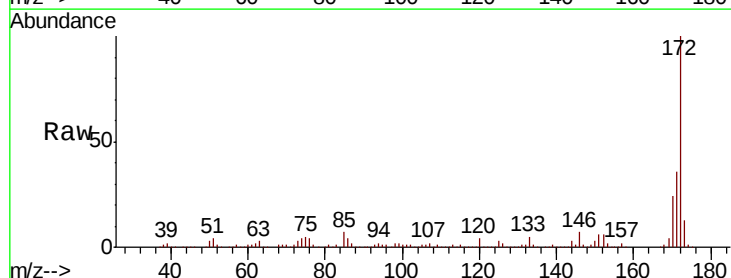
Tgt Ion:172 Resp: 901615

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

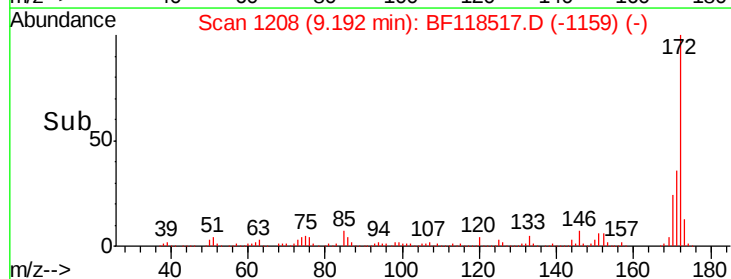
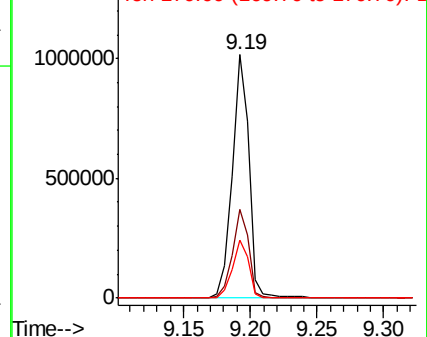
170 23.6 18.6 27.8

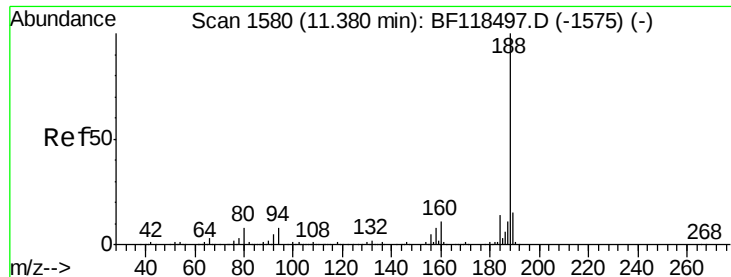


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

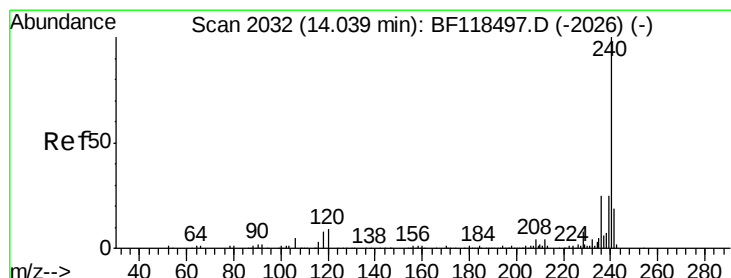
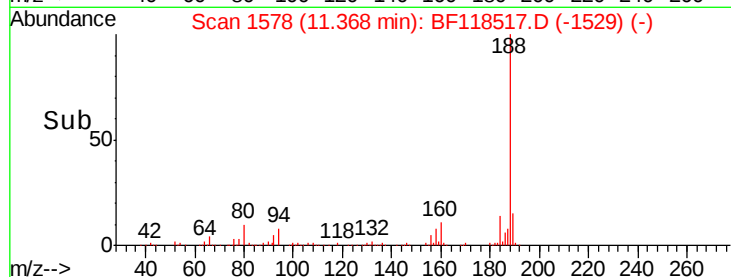
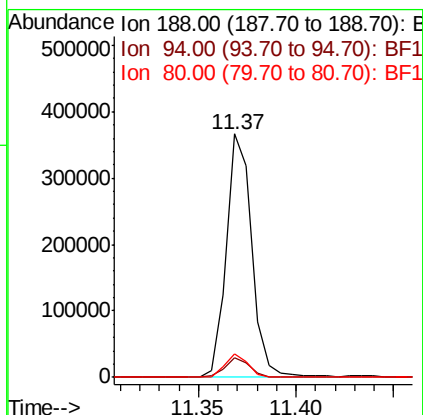
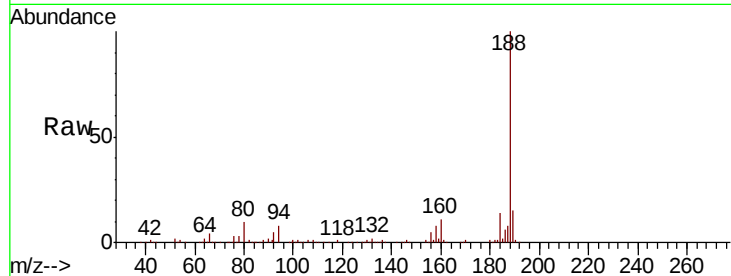




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

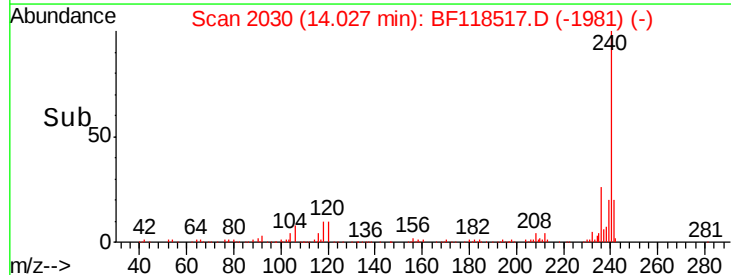
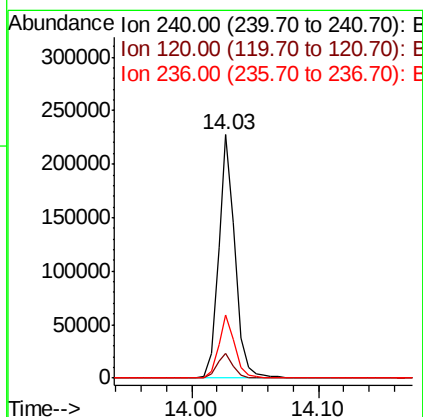
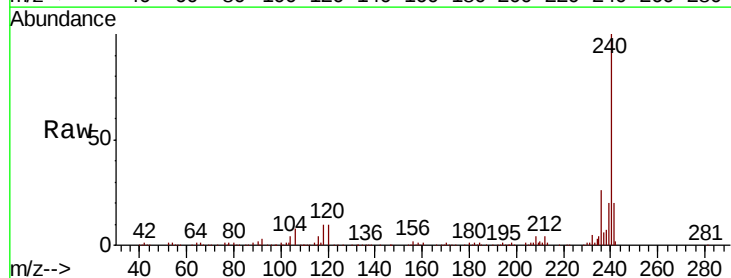
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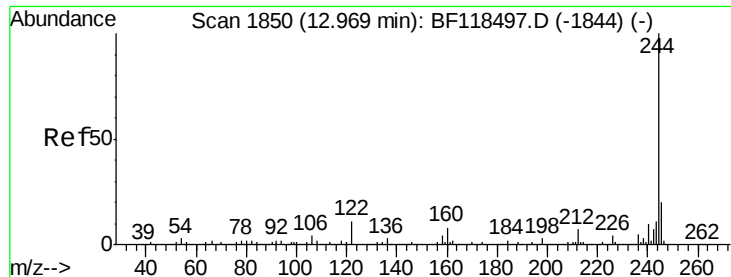
Tot Ion:188 Resp: 331330
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 9.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118517.D
Acq: 10 Jan 2020 16:24

Tgt Ion:240 Resp: 204926
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 25.8 20.1 30.1





#79

Terphenyl-d14

Concen: 97.999 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118517.D

Acq: 10 Jan 2020 16:24

Instrument :

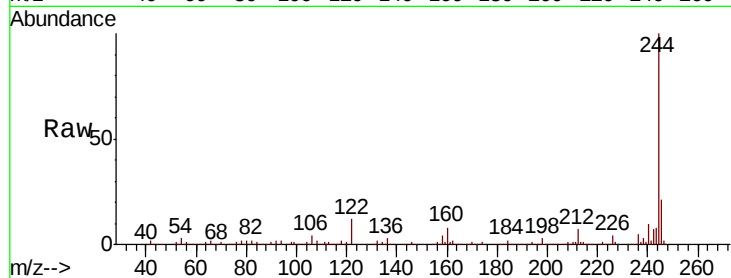
BNA_F

ClientSampleId :

PB126016TB

Tot Ion:244 Resp: 1267287

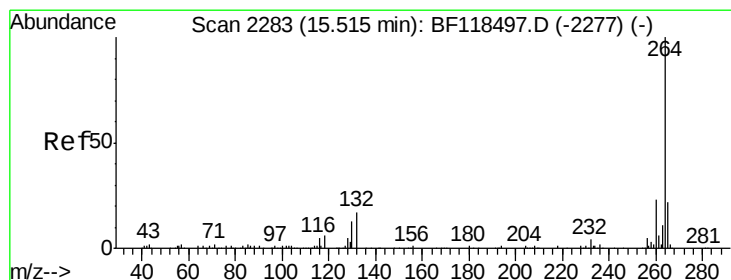
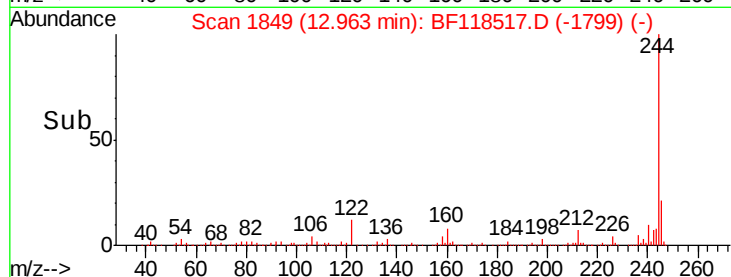
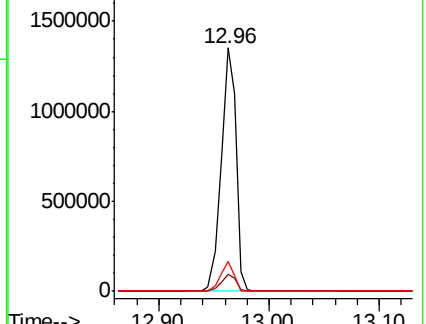
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.1	9.0	13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.52 min Scan# 2283

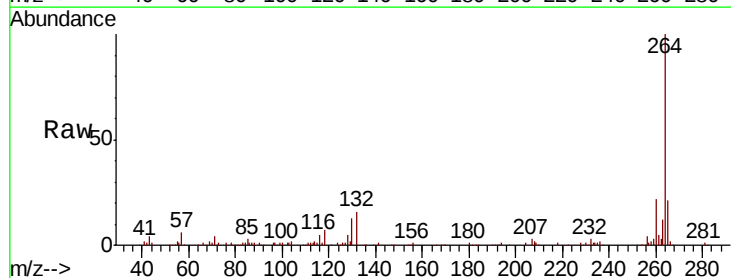
Delta R.T. -0.00 min

Lab File: BF118517.D

Acq: 10 Jan 2020 16:24

Tgt Ion:264 Resp: 193233

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.8	28.2
265	20.7	17.5	26.3



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

