

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011020\
 Data File : BF118516.D
 Acq On : 10 Jan 2020 15:56
 Operator : JU
 Sample : PB126016BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126016BL

Quant Time: Jan 11 03:12:50 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	87788	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	314064	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	168909	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	333869	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	213802	20.00	ng	-0.01
87) Perylene-d12	15.51	264	173383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	266901	50.19	ng	0.00
7) Phenol-d6	6.46	99	181648	28.57	ng	-0.01
23) Nitrobenzene-d5	7.40	82	495743	82.92	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	274681	137.82	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1007420	85.54	ng	-0.01
79) Terphenyl-d14	12.96	244	1191768	88.33	ng	0.00

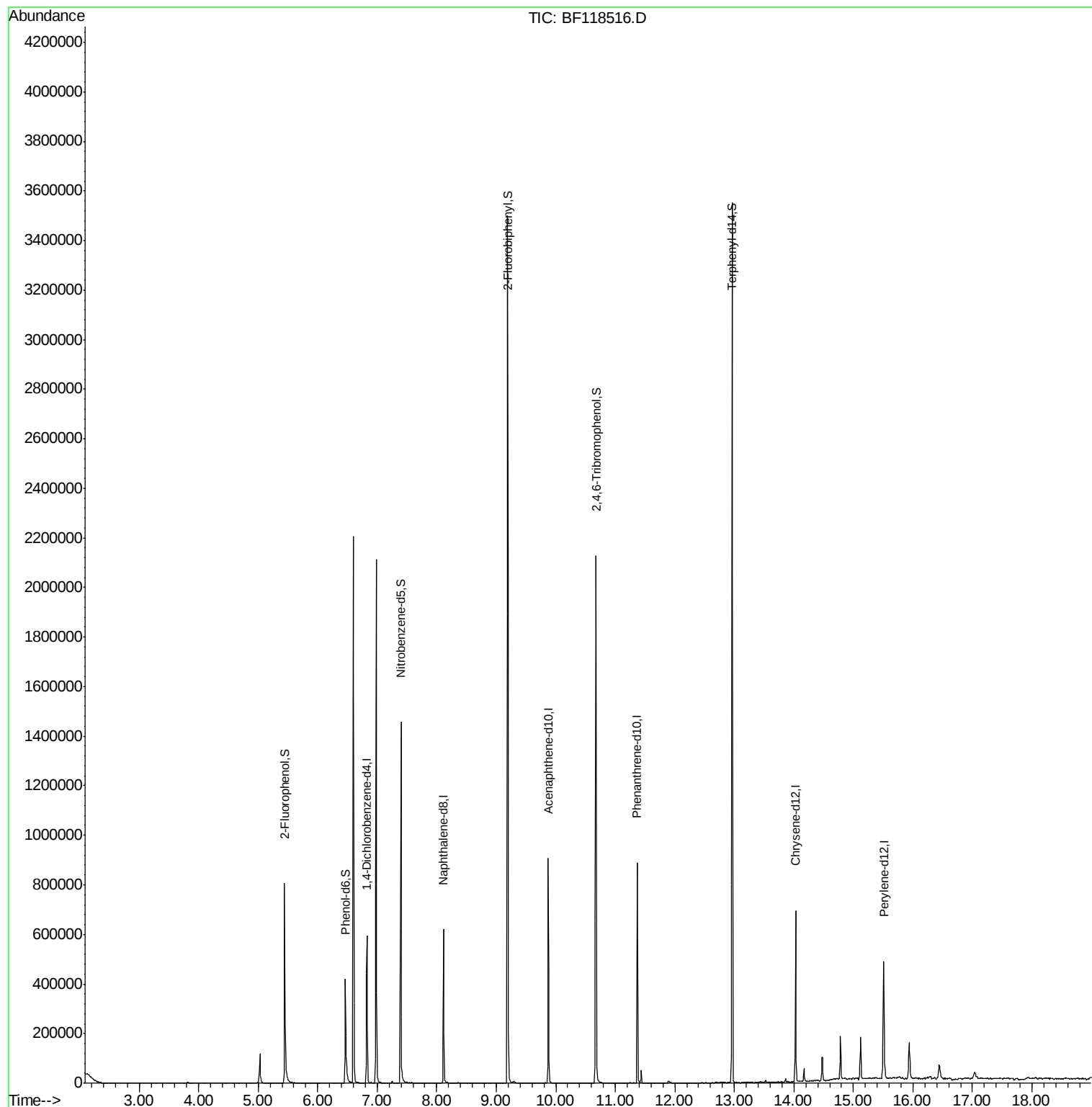
Target Compounds Qvalue

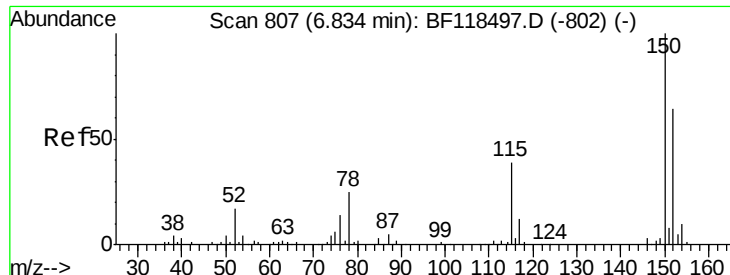
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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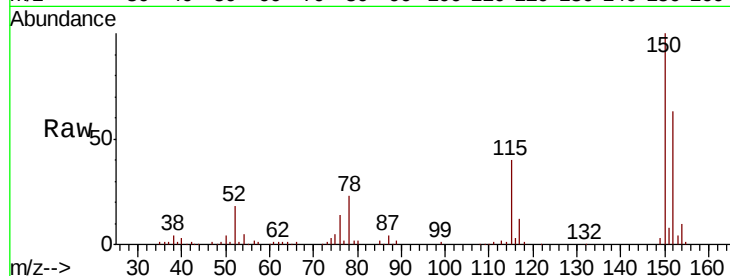


#1

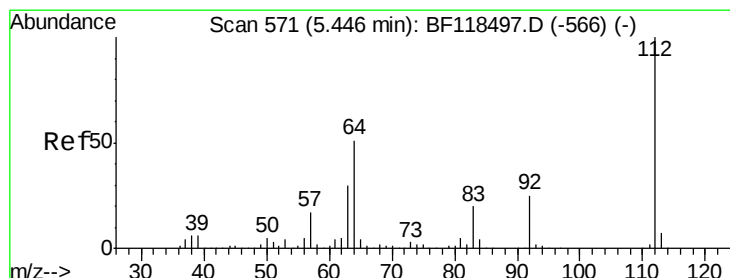
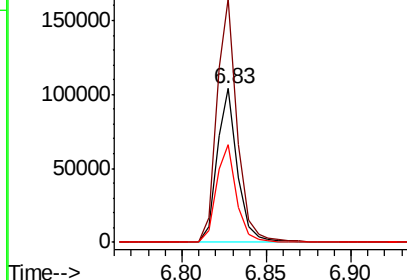
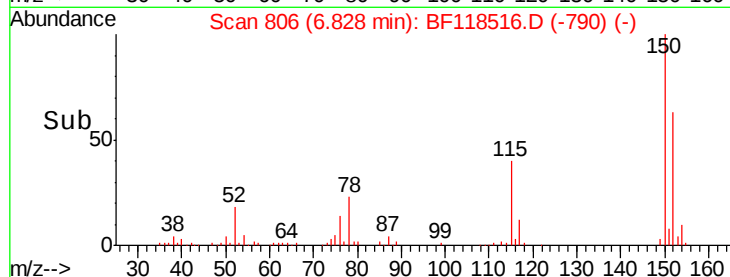
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF118516.D
Acq: 10 Jan 2020 15:56

Instrument :
BNA_F
ClientSampleId :
PB126016BL

Tot Ion:152 Resp: 87788
Ion Ratio Lower Upper
152 100
150 158.3 124.7 187.1
115 63.8 49.0 73.6



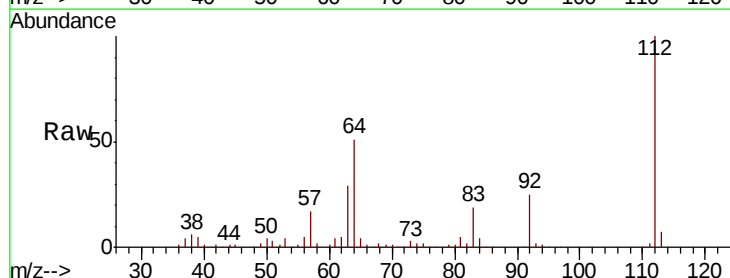
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



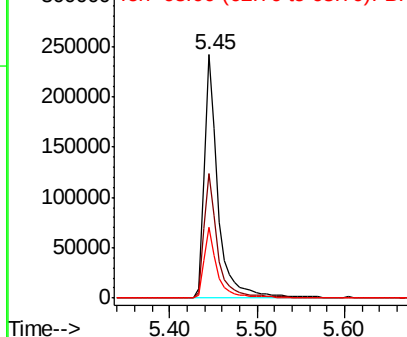
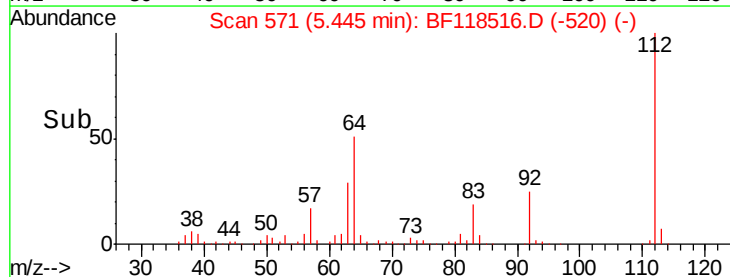
#5

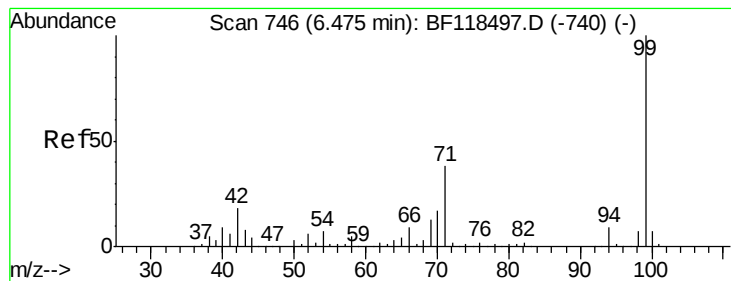
2-Fluorophenol
Concen: 50.188 ng
RT: 5.45 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF118516.D
Acq: 10 Jan 2020 15:56

Tgt Ion:112 Resp: 266901
Ion Ratio Lower Upper
112 100
64 51.1 41.1 61.7
63 28.9 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: 28.570 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF118516.D

Acq: 10 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB126016BL

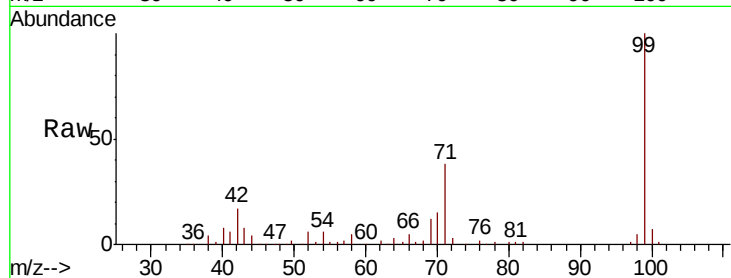
Tot Ion: 99 Resp: 181648

Ion Ratio Lower Upper

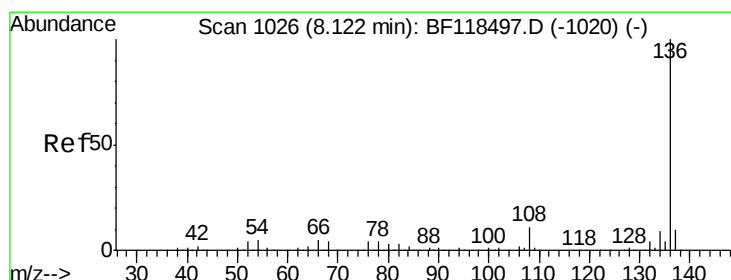
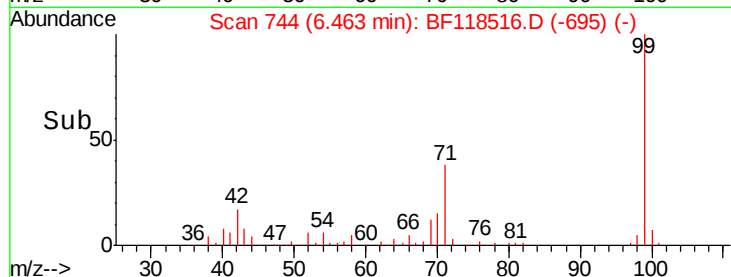
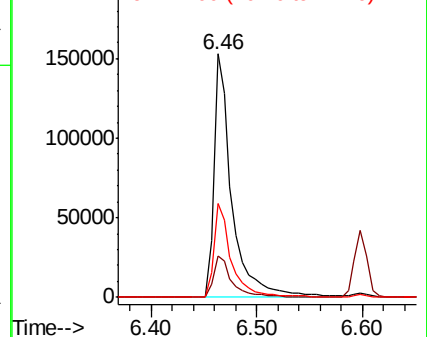
99 100

42 17.1 14.5 21.7

71 38.4 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: BF118516.D

Acq: 10 Jan 2020 15:56

Tgt Ion: 136 Resp: 314064

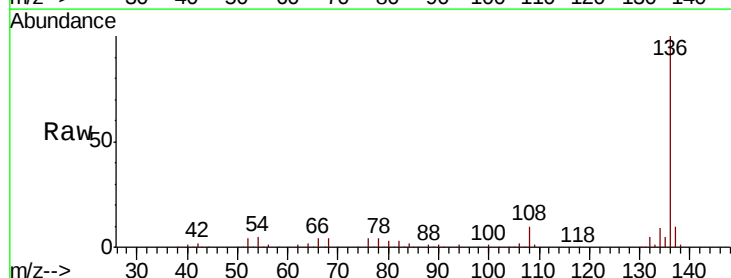
Ion Ratio Lower Upper

136 100

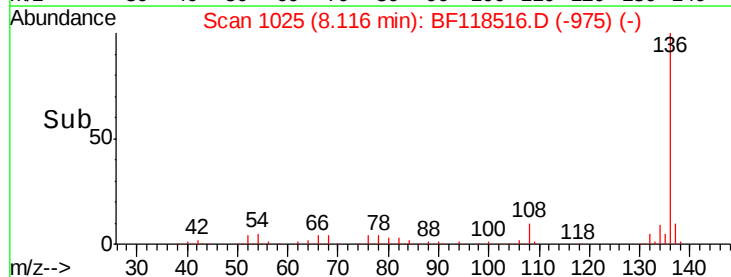
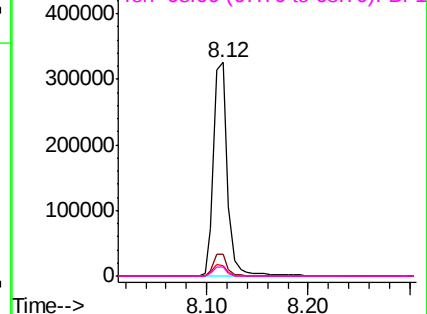
137 10.4 8.3 12.5

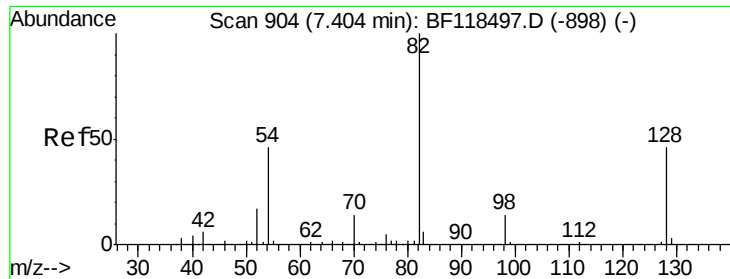
54 4.6 4.2 6.2

68 4.1 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

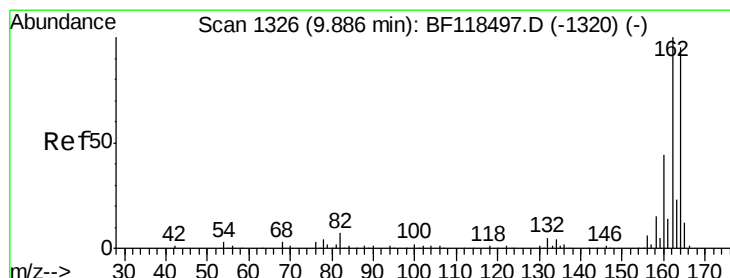
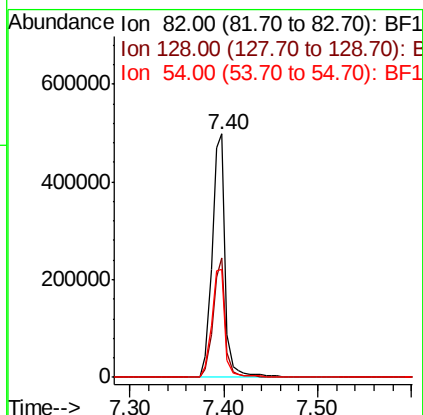
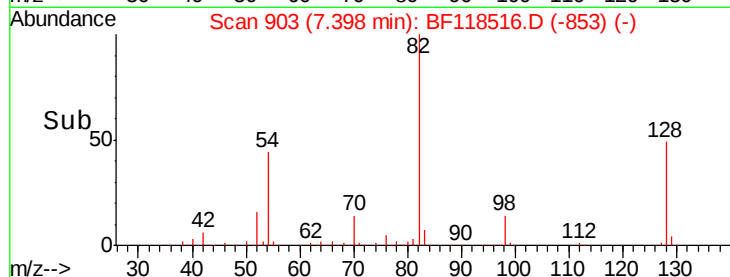
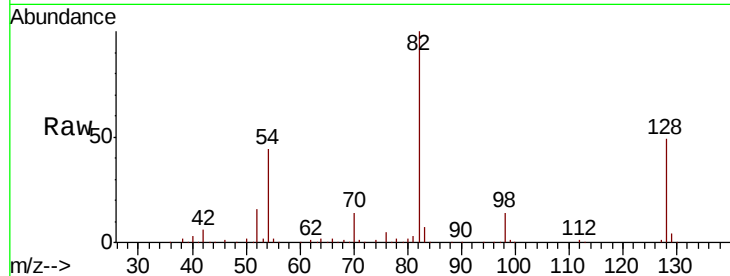




#23
 Nitrobenzene-d5
 Concen: 82.920 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF118516.D
 Acq: 10 Jan 2020 15:56

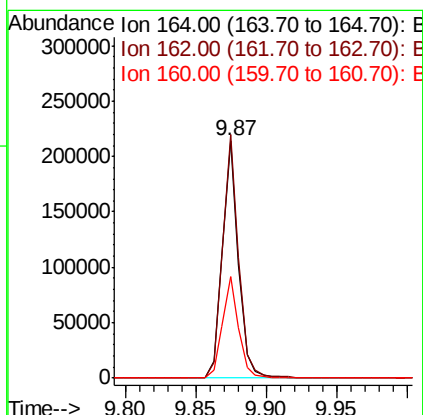
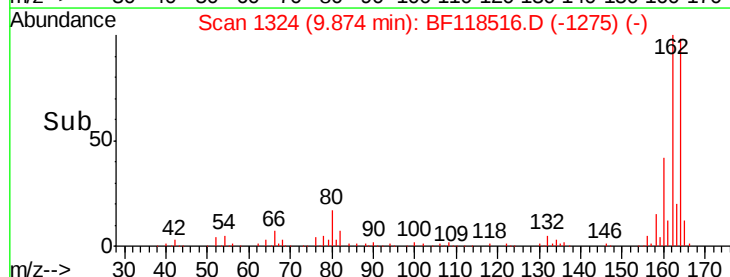
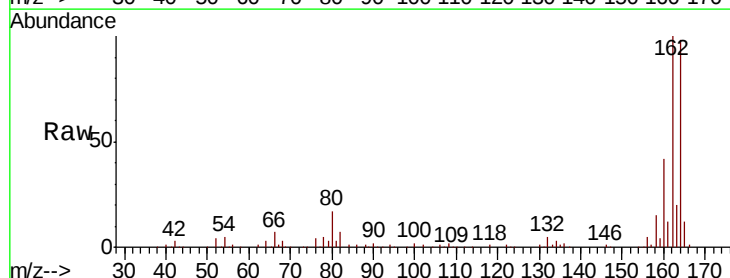
Instrument :
 BNA_F
 ClientSampleId :
 PB126016BL

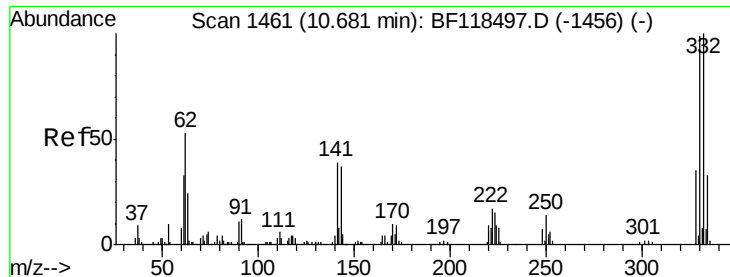
Tot Ion: 82 Resp: 495743
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.6 54.8
 54 44.4 37.0 55.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF118516.D
 Acq: 10 Jan 2020 15:56

Tgt Ion: 164 Resp: 168909
 Ion Ratio Lower Upper
 164 100
 162 102.5 84.2 126.4
 160 42.7 36.8 55.2

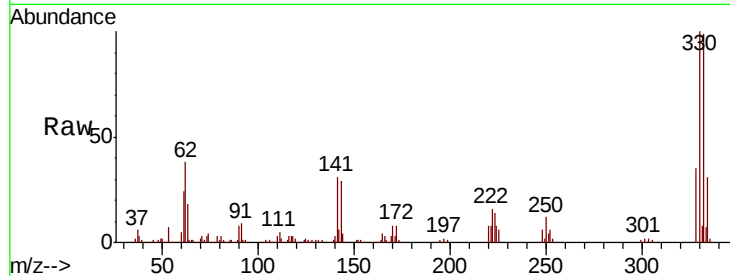




#42
 2,4,6-Tribromophenol
 Concen: 137.816 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF118516.D
 Acq: 10 Jan 2020 15:56

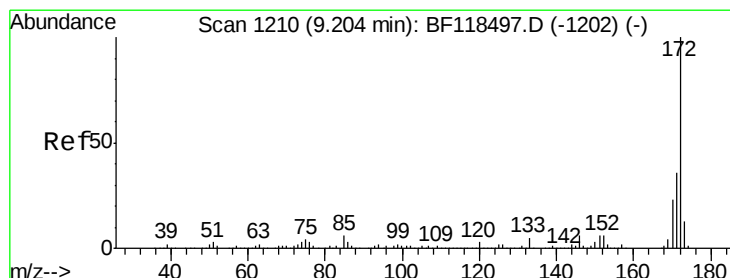
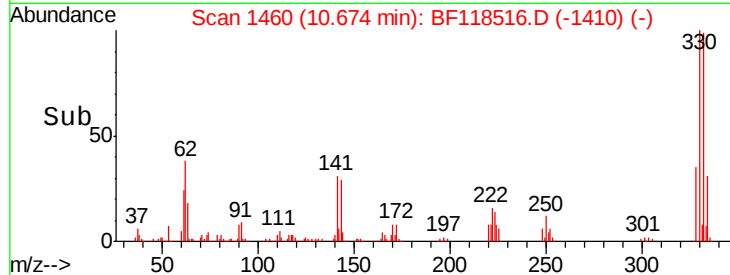
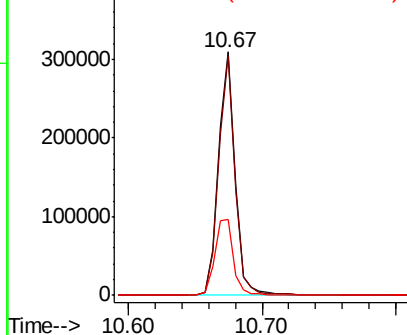
Instrument :
 BNA_F
 ClientSampleId :
 PB126016BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.9	116.9
141	34.7	28.6	43.0



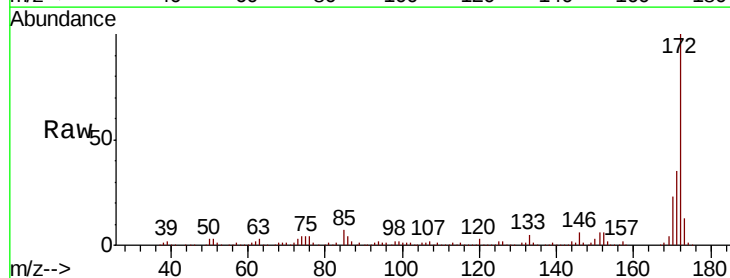
Abundance

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



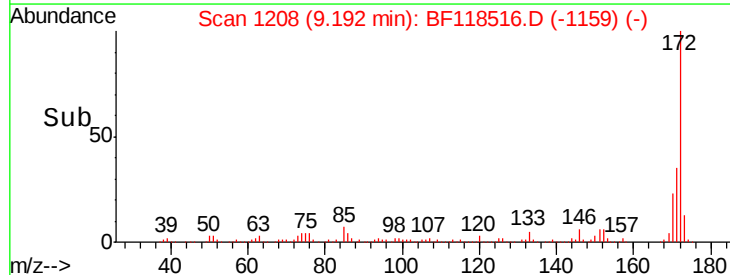
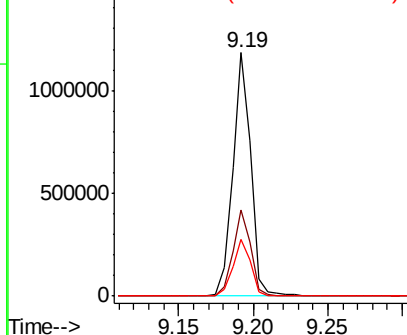
#45
 2-Fluorobiphenyl
 Concen: 85.540 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF118516.D
 Acq: 10 Jan 2020 15:56

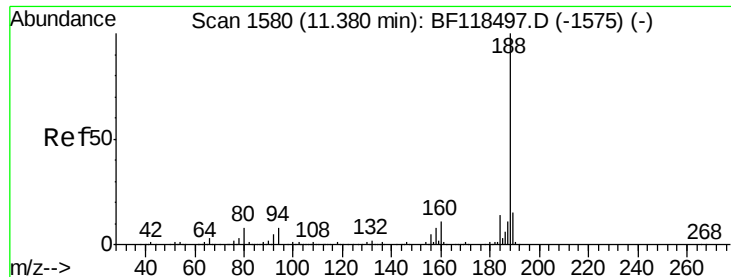
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.2	18.6	27.8



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: BF118516.D

Acq: 10 Jan 2020 15:56

Instrument :

BNA_F

ClientSampleId :

PB126016BL

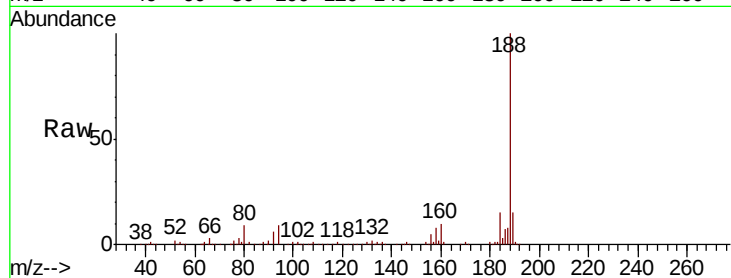
Tot Ion:188 Resp: 333869

Ion Ratio Lower Upper

188 100

94 8.7 6.2 9.4

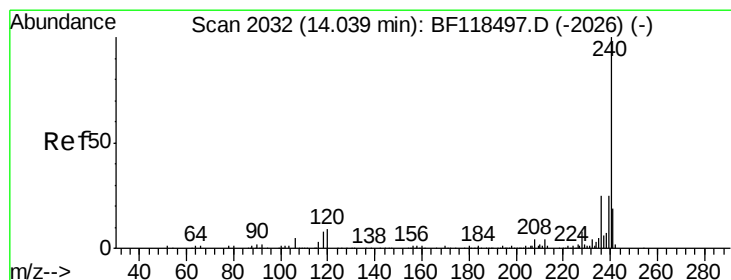
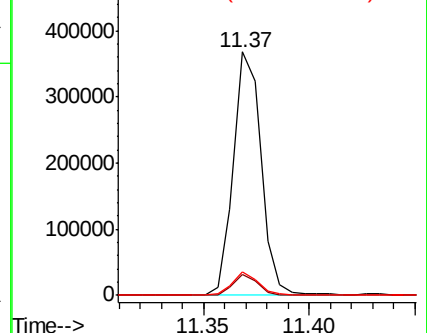
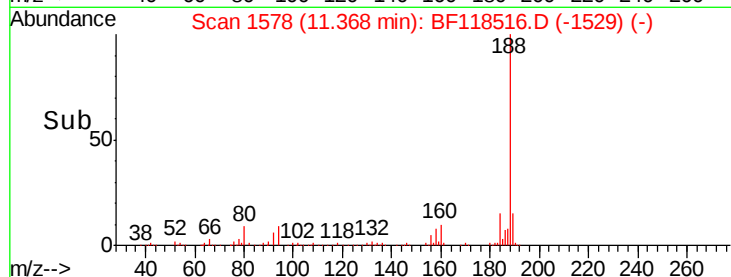
80 9.5 6.6 10.0



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: BF118516.D

Acq: 10 Jan 2020 15:56

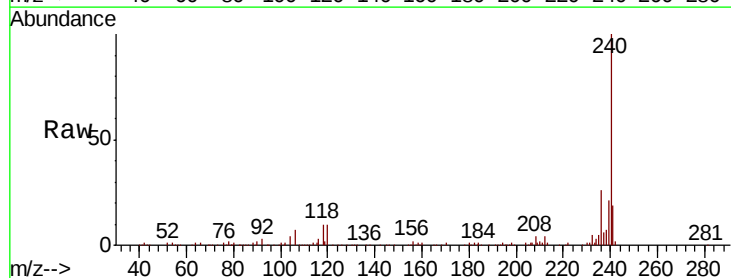
Tgt Ion:240 Resp: 213802

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.6

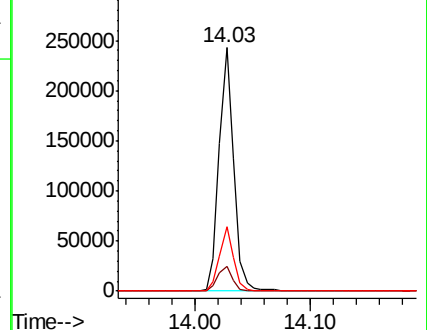
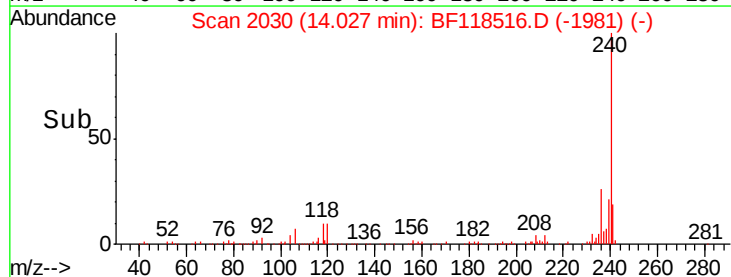
236 26.4 20.1 30.1

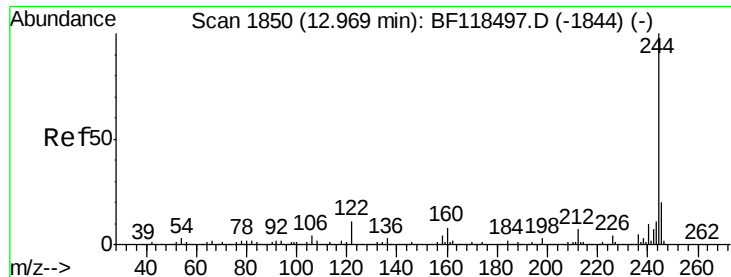


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.333 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF118516.D

Acq: 10 Jan 2020 15:56

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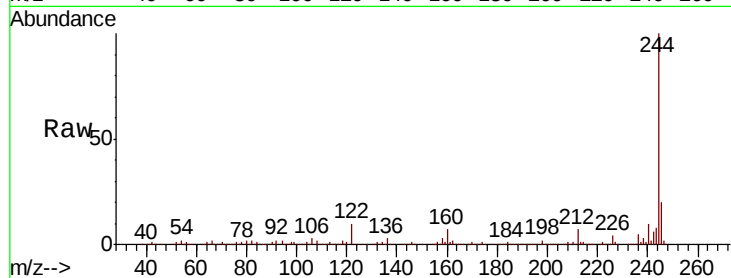
Tot Ion:244 Resp: 1191768

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

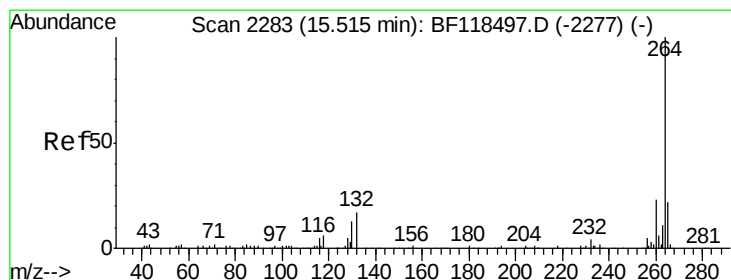
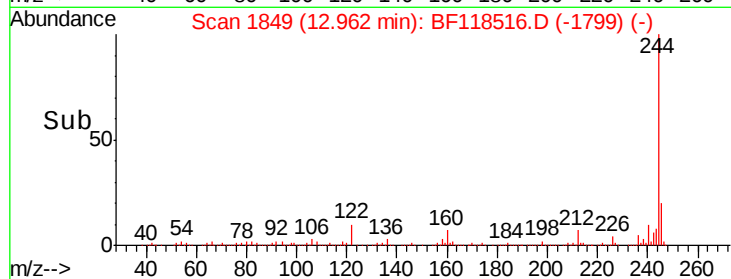
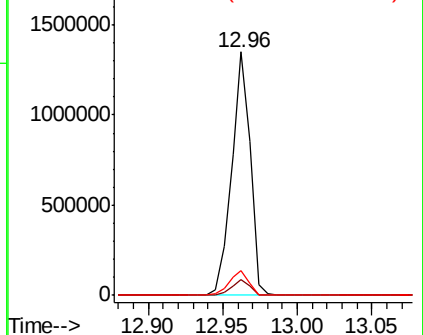
122 9.9 9.0 13.6



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118516.D

Acq: 10 Jan 2020 15:56

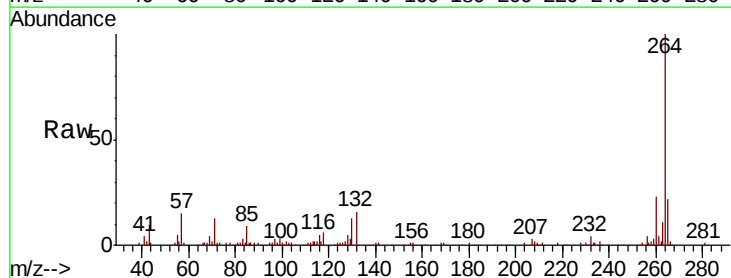
Tgt Ion:264 Resp: 173383

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 22.4 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

