

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118598.D
 Acq On : 20 Jan 2020 18:32
 Operator : CG/JU
 Sample : PB126190BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BL

Quant Time: Jan 21 02:39:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	475541	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1710119	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	964304	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1797872	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1040697	20.00	ng	-0.01
87) Perylene-d12	15.50	264	1026699	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	3470221	135.53	ng	0.01
7) Phenol-d6	6.51	99	4405973	132.39	ng	0.00
23) Nitrobenzene-d5	7.44	82	2844192	93.03	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1586646	142.26	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	5212739	88.85	ng	0.00
79) Terphenyl-d14	12.99	244	5703195	119.53	ng	0.00

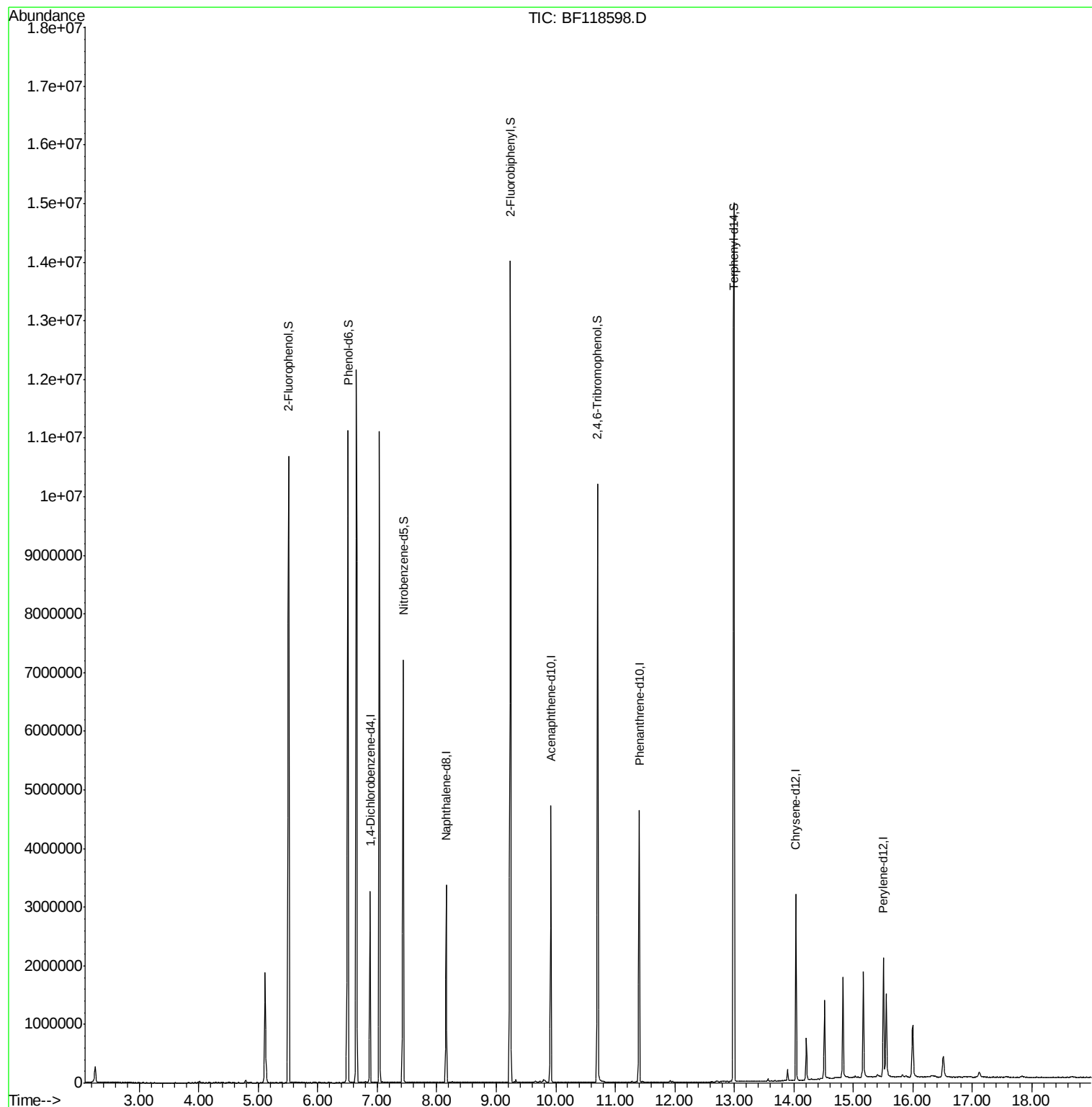
Target Compounds Qvalue

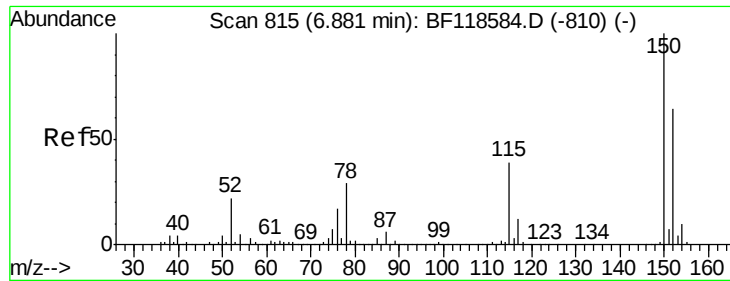
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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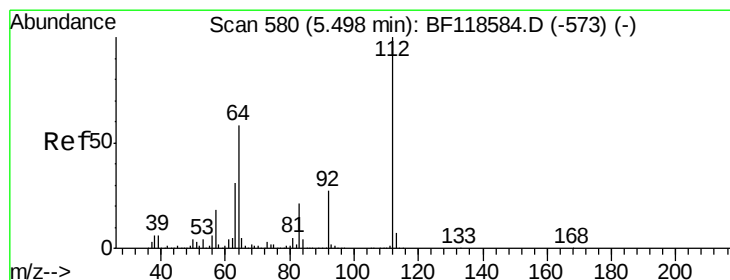
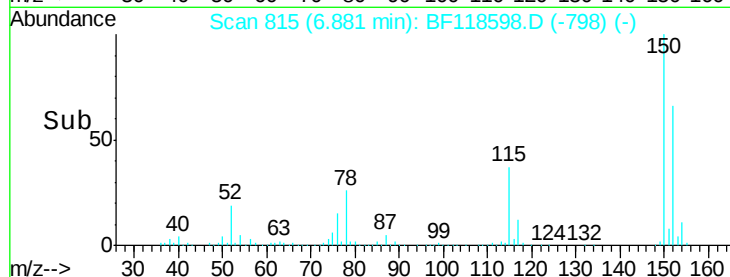
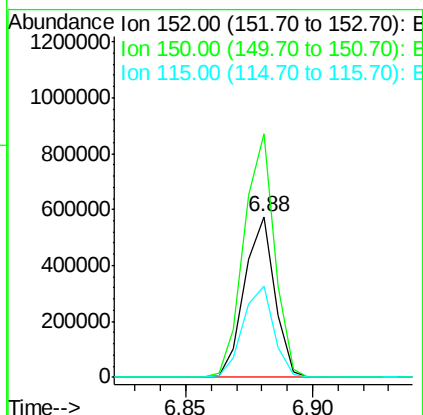
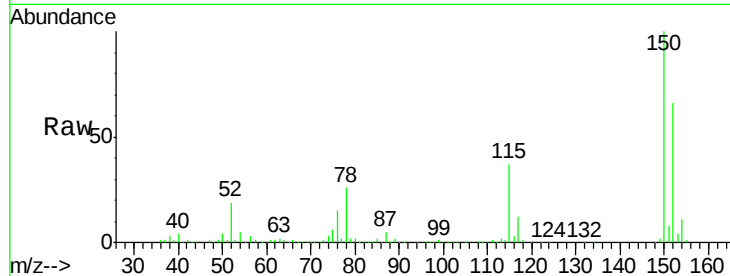


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118598.D
Acq: 20 Jan 2020 18:32

Instrument :
BNA_F
ClientSampleId :
PB126190BL

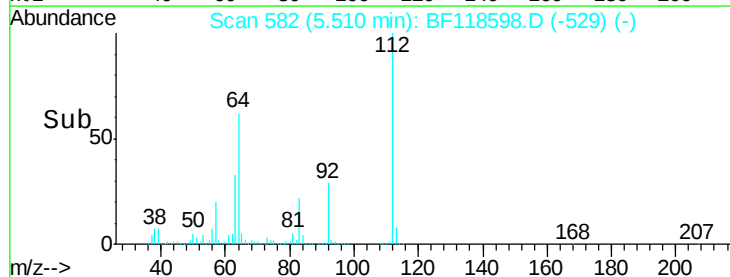
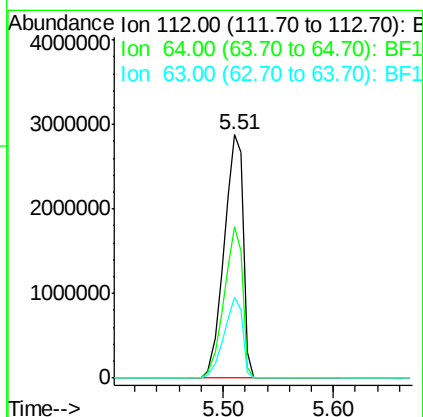
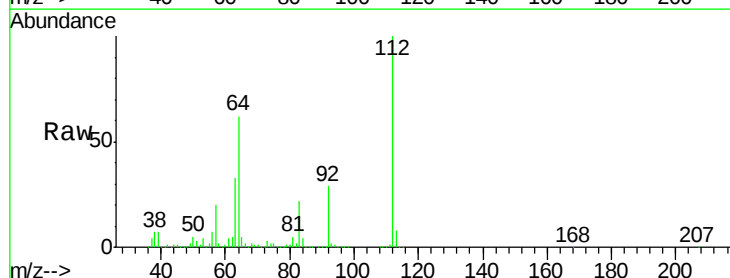
Tot Ion:152 Resp: 475541
Ion Ratio Lower Upper
152 100
150 151.3 125.6 188.4
115 56.7 48.4 72.6

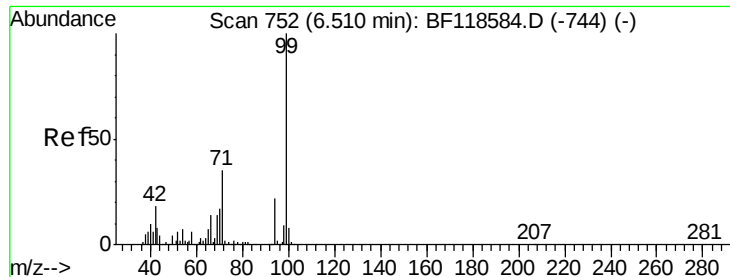


#5

2-Fluorophenol
Concen: 135.532 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF118598.D
Acq: 20 Jan 2020 18:32

Tgt Ion:112 Resp: 3470221
Ion Ratio Lower Upper
112 100
64 62.0 46.6 70.0
63 33.1 25.1 37.7





#7

Phenol-d6

Concen: 132.394 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118598.D

Acq: 20 Jan 2020 18:32

Instrument :

BNA_F

ClientSampleId :

PB126190BL

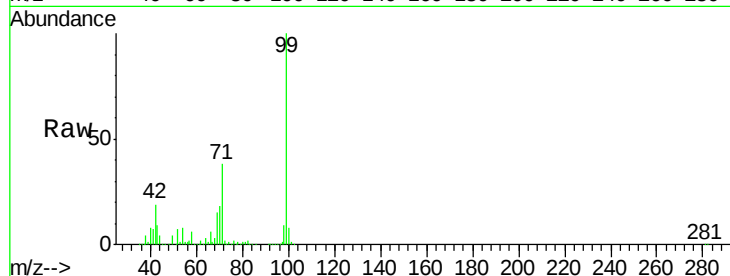
Tot Ion: 99 Resp: 4405973

Ion Ratio Lower Upper

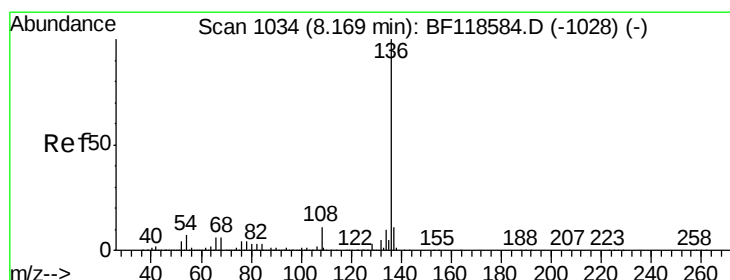
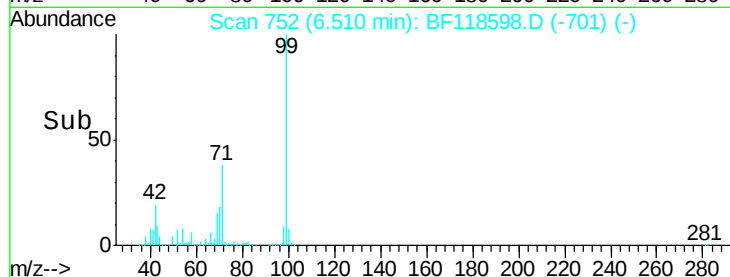
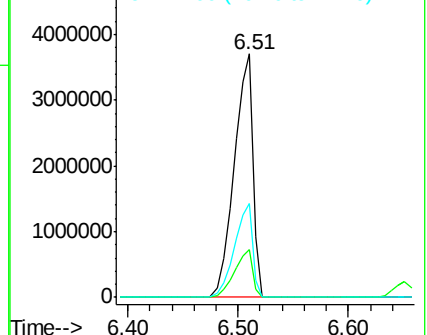
99 100

42 19.5 14.2 21.2

71 38.3 27.8 41.6



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF118598.D

Acq: 20 Jan 2020 18:32

Tgt Ion: 136 Resp: 1710119

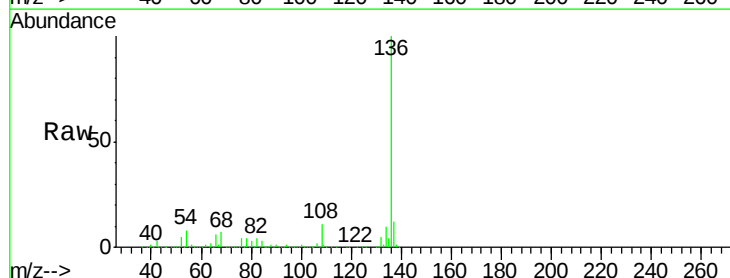
Ion Ratio Lower Upper

136 100

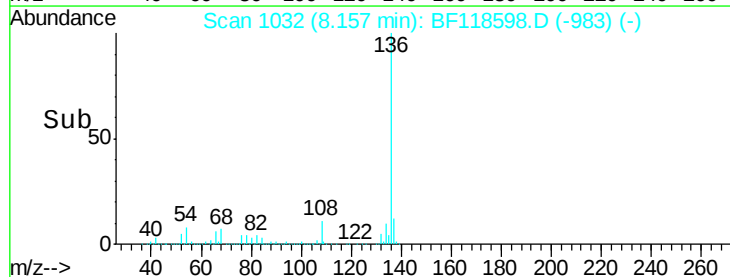
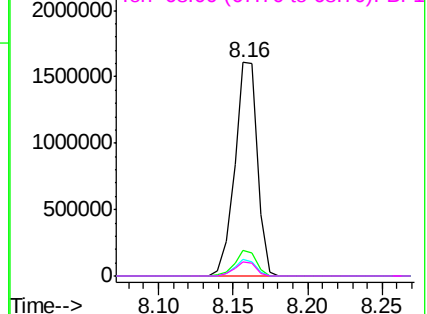
137 11.8 9.1 13.7

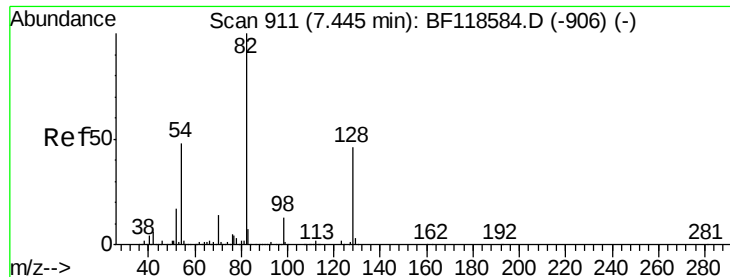
54 7.8 5.8 8.6

68 6.5 5.0 7.4



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

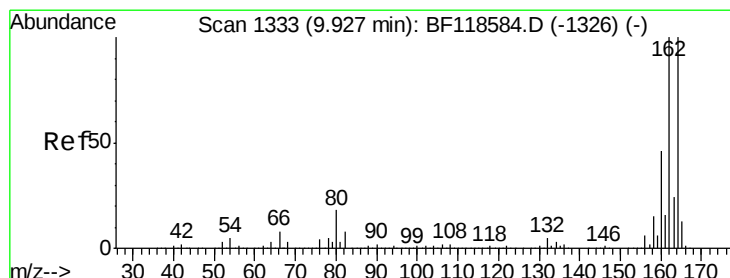
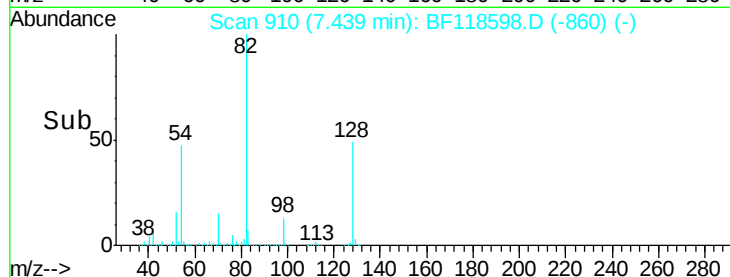
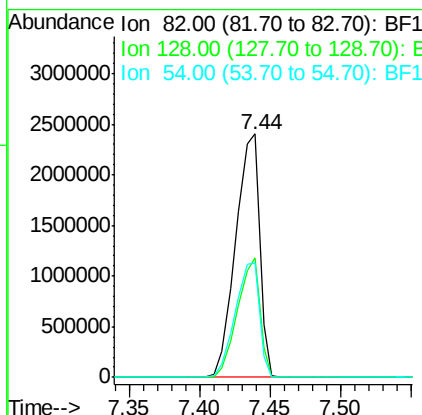
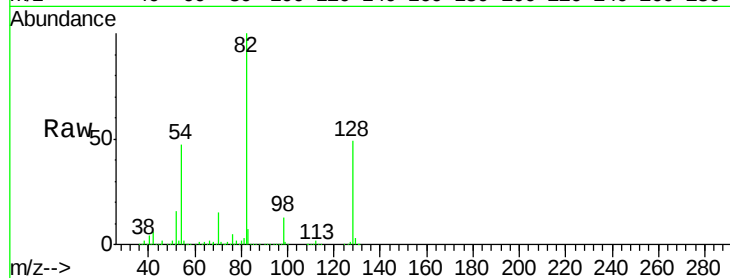




#23
Nitrobenzene-d5
Concen: 93.027 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF118598.D
Acq: 20 Jan 2020 18:32

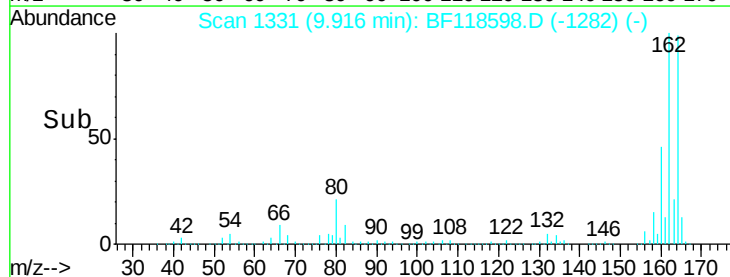
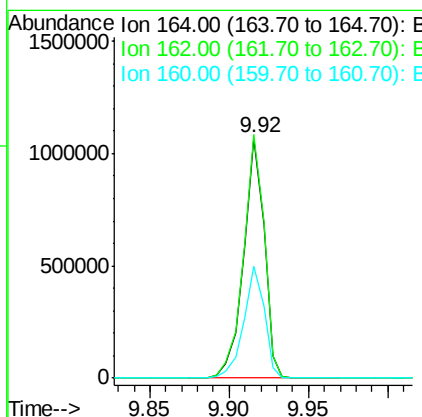
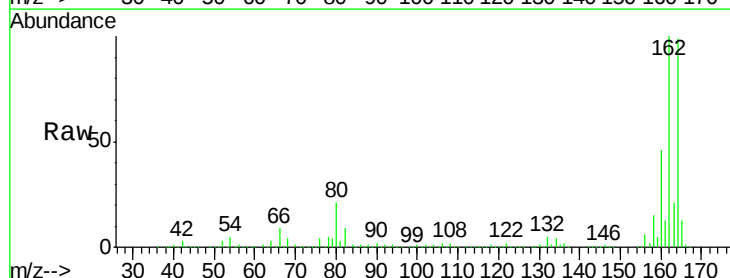
Instrument :
BNA_F
ClientSampleId :
PB126190BL

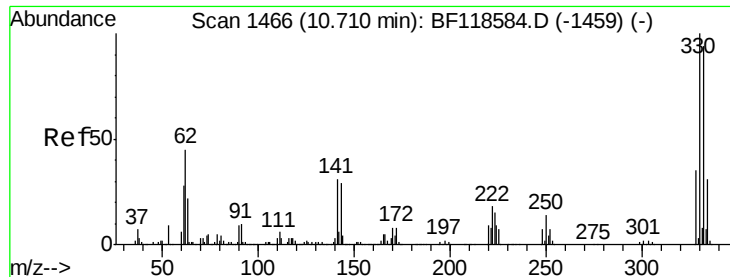
Tot Ion: 82 Resp: 2844192
Ion Ratio Lower Upper
82 100
128 49.2 36.6 54.8
54 47.1 38.0 57.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118598.D
Acq: 20 Jan 2020 18:32

Tgt Ion:164 Resp: 964304
Ion Ratio Lower Upper
164 100
162 101.3 80.4 120.6
160 46.6 36.6 55.0

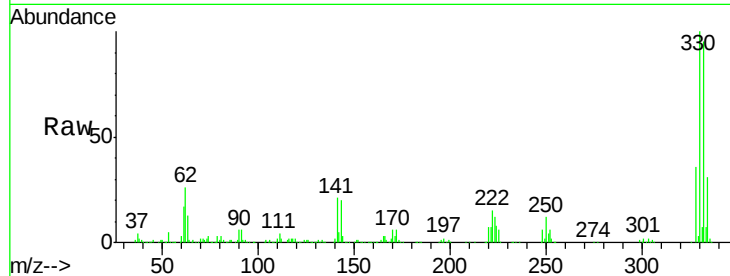




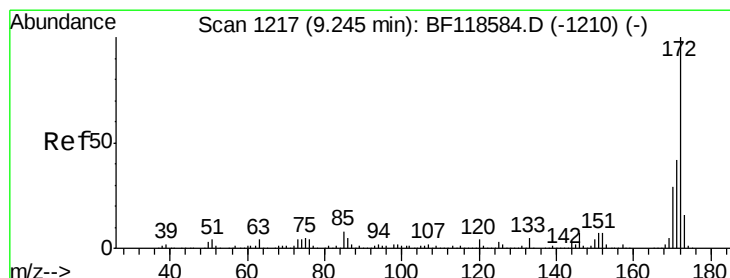
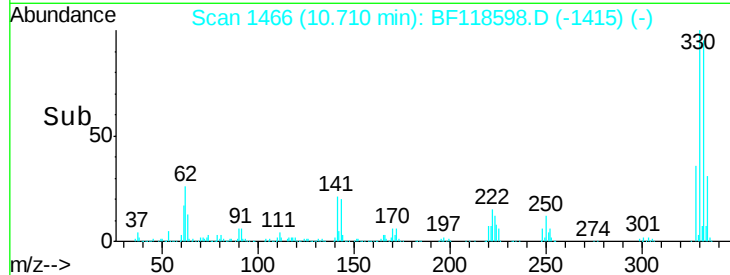
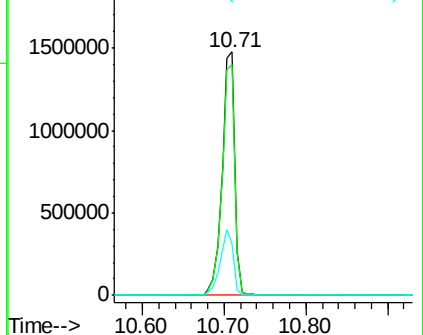
#42
 2,4,6-Tribromophenol
 Concen: 142.257 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF118598.D
 Acq: 20 Jan 2020 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PB126190BL

Tot Ion:330 Resp: 1586646
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 27.7 23.9 35.9

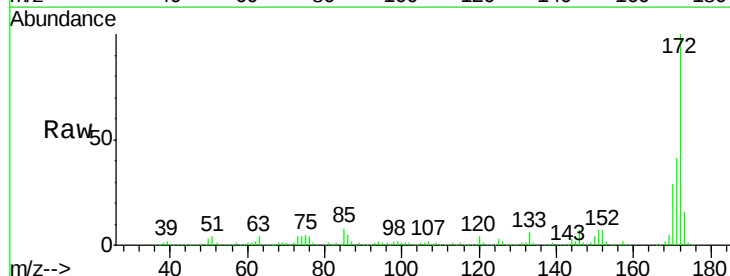


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

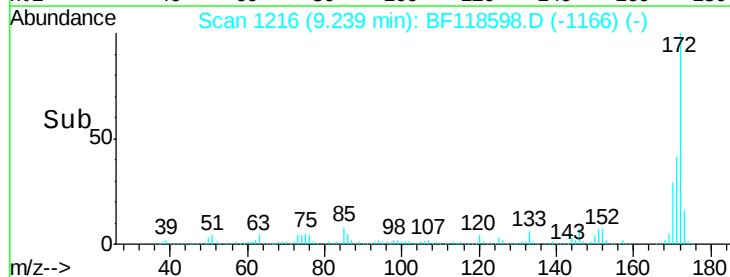
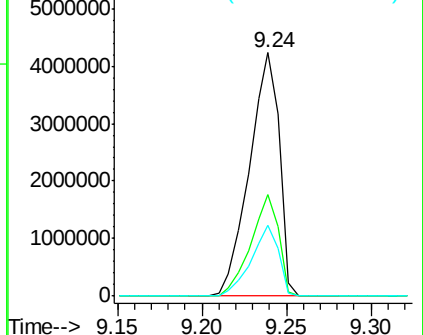


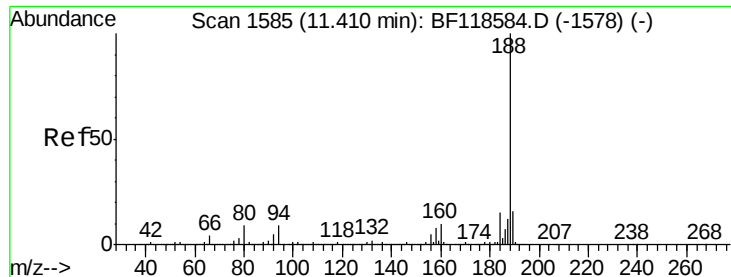
#45
 2-Fluorobiphenyl
 Concen: 88.849 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118598.D
 Acq: 20 Jan 2020 18:32

Tgt Ion:172 Resp: 5212739
 Ion Ratio Lower Upper
 172 100
 171 41.5 33.4 50.2
 170 28.8 23.2 34.8



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

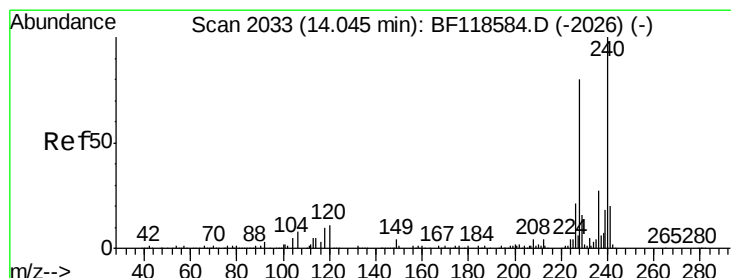
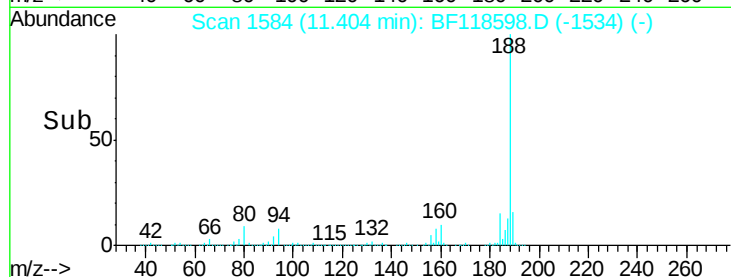
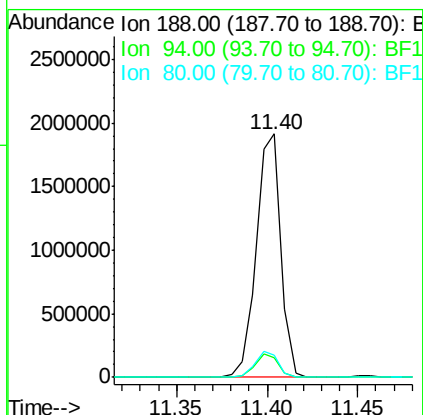
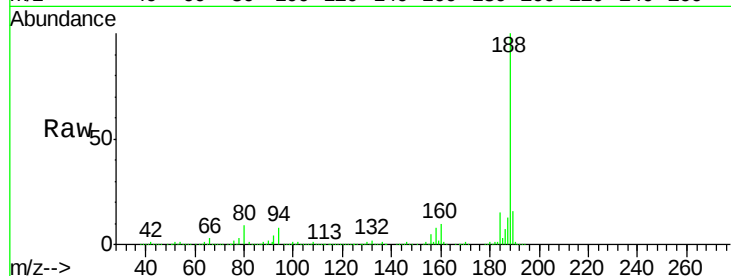




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118598.D
Acq: 20 Jan 2020 18:32

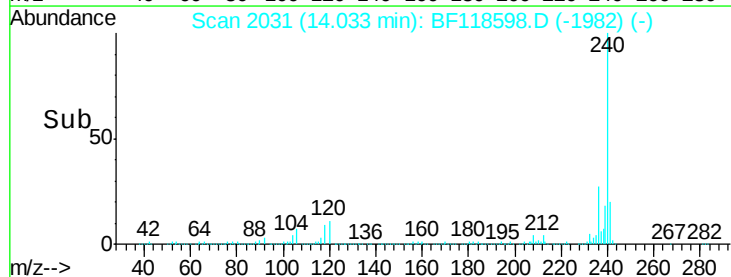
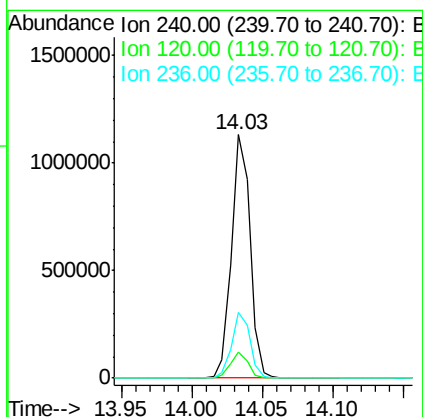
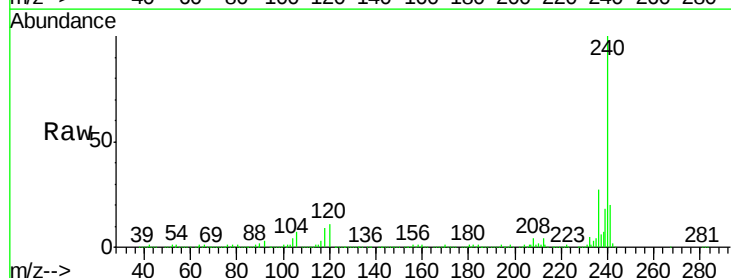
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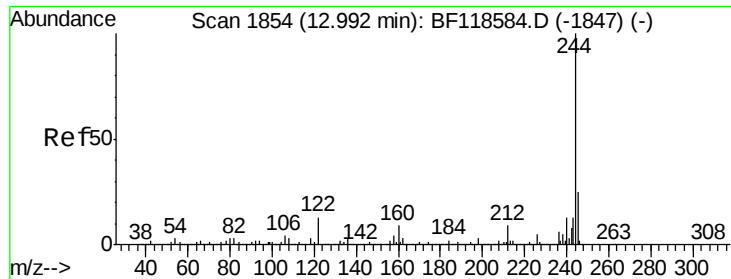
Tot Ion:188 Resp: 1797872
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118598.D
Acq: 20 Jan 2020 18:32

Tgt Ion:240 Resp: 1040697
Ion Ratio Lower Upper
240 100
120 10.5 8.9 13.3
236 27.2 21.5 32.3





#79

Terphenyl-d14

Concen: 119.528 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF118598.D

Acq: 20 Jan 2020 18:32

Instrument :

BNA_F

ClientSampleId :

PB126190BL

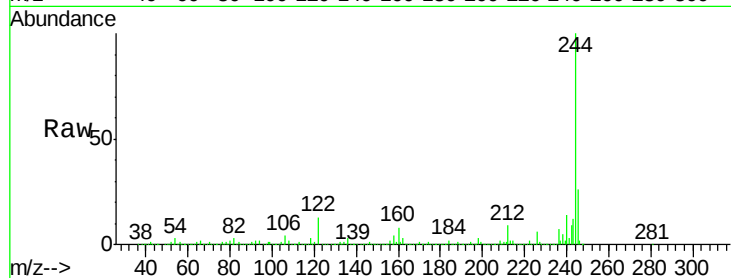
Tot Ion:244 Resp: 5703195

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

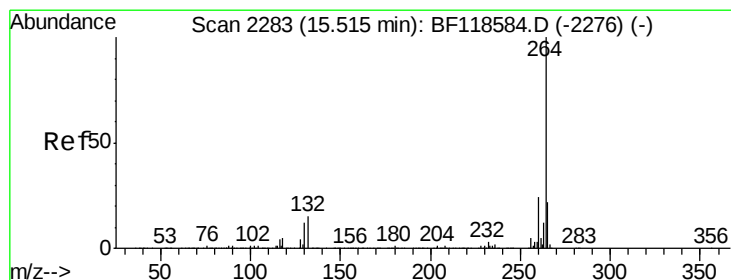
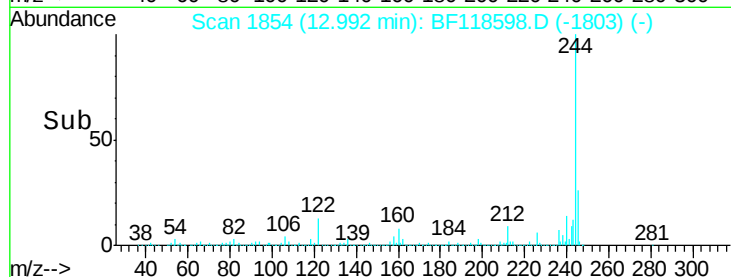
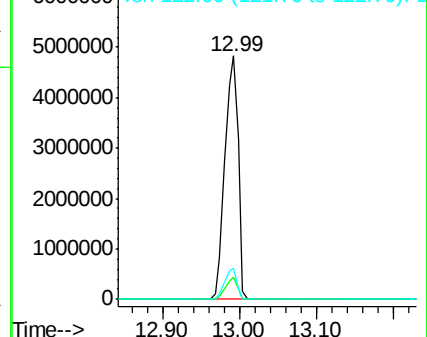
122 13.0 10.7 16.1



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: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF118598.D

Acq: 20 Jan 2020 18:32

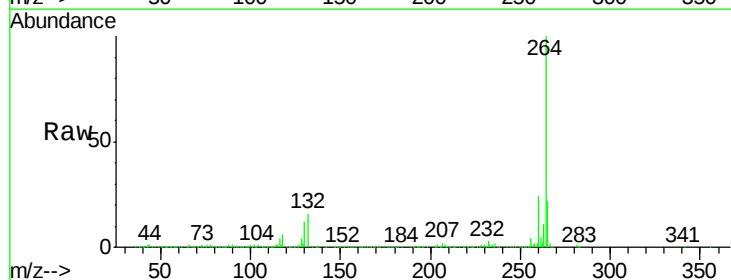
Tgt Ion:264 Resp: 1026699

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 22.0 17.7 26.5



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

