

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118633.D
 Acq On : 21 Jan 2020 14:00
 Operator : CG/JU
 Sample : PB126152BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126152BL

Quant Time: Jan 21 15:33:55 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	378391	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1408714	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	807106	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1492668	20.00	ng	0.00
76) Chrysene-d12	14.03	240	1074983	20.00	ng	-0.01
87) Perylene-d12	15.51	264	919147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1929970	94.73	ng	0.00
7) Phenol-d6	6.50	99	2600176	98.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	1574670	62.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	872543	93.47	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3097631	63.08	ng	0.00
79) Terphenyl-d14	12.99	244	3777741	76.65	ng	0.00

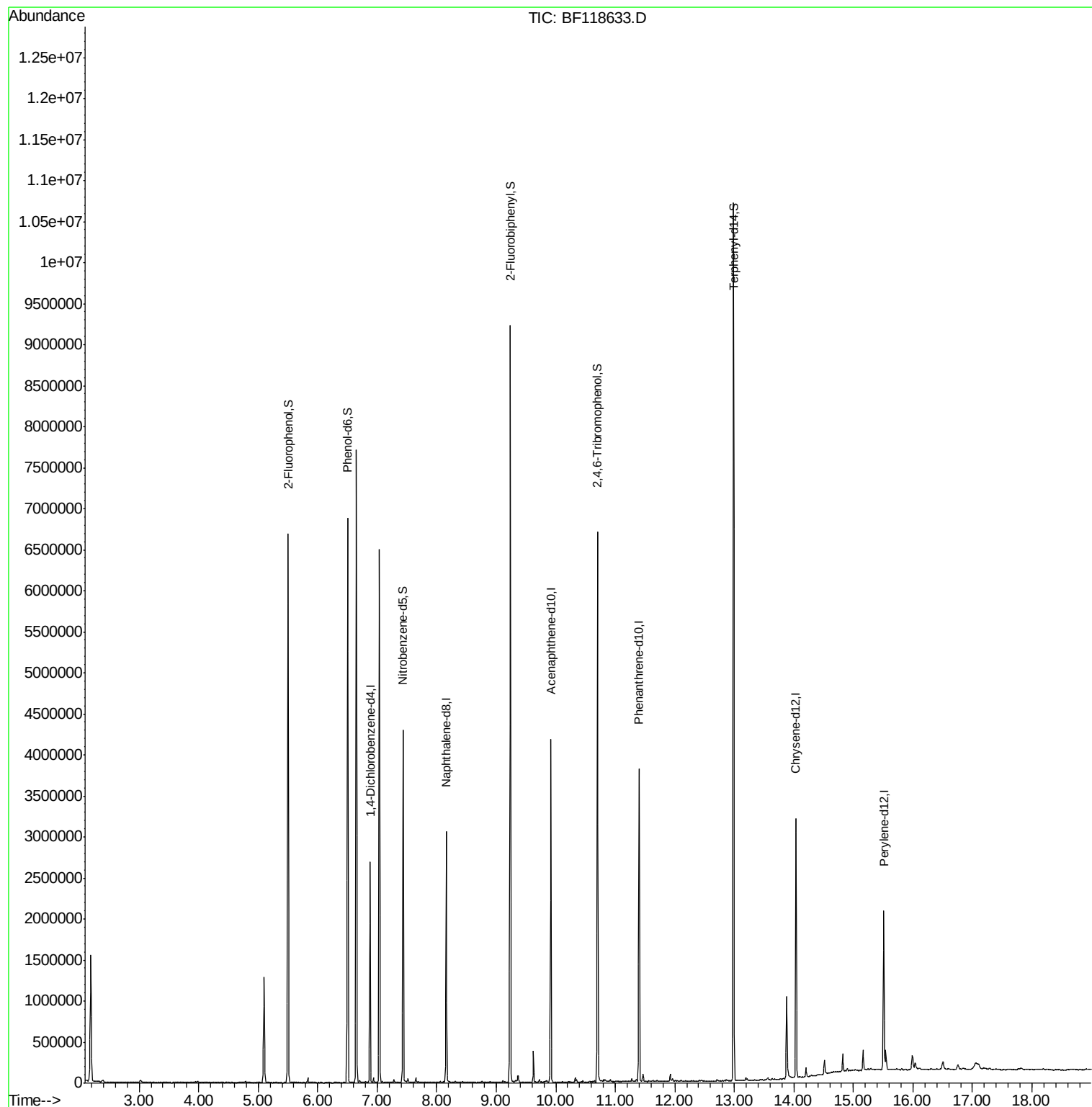
Target Compounds Qvalue

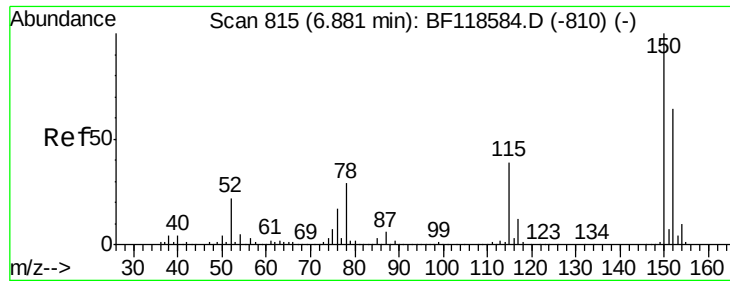
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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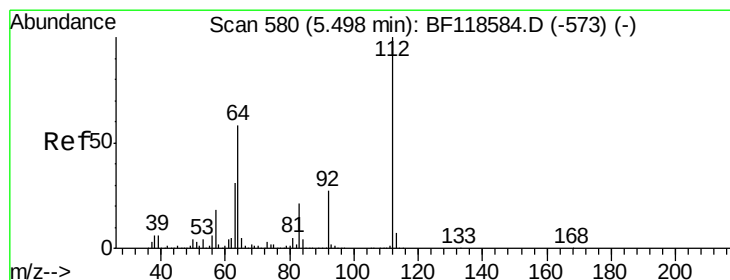
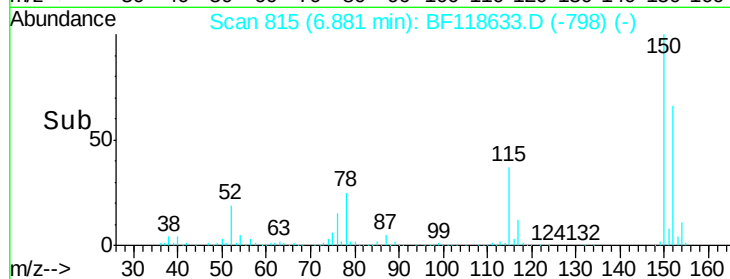
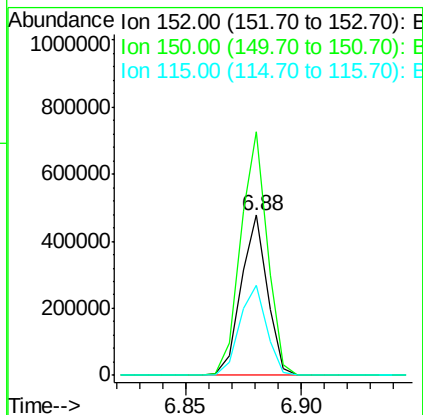
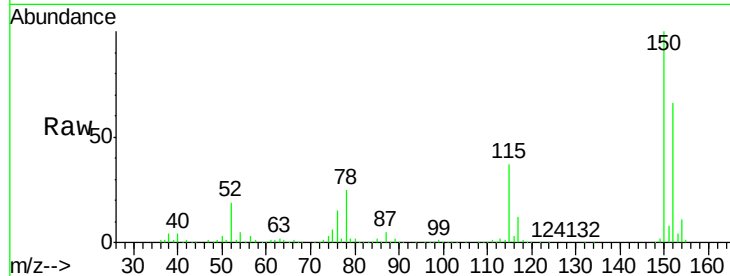


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Instrument :
BNA_F
ClientSampleId :
PB126152BL

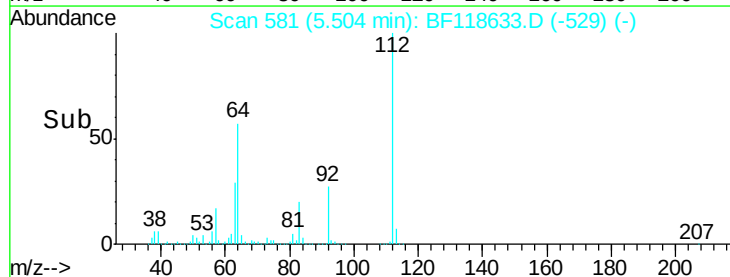
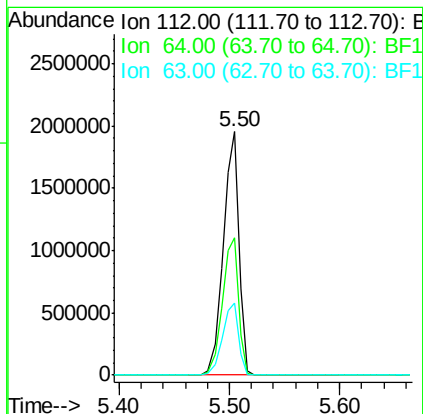
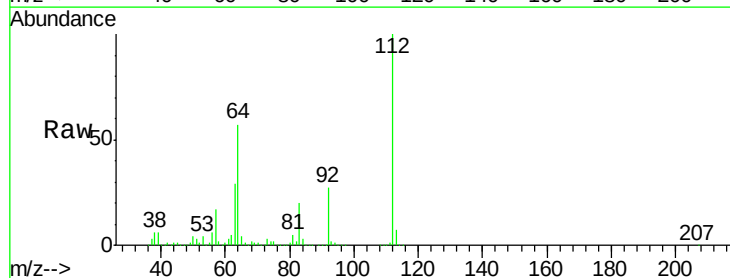
Tot Ion:152 Resp: 378391
Ion Ratio Lower Upper
152 100
150 152.2 125.6 188.4
115 56.1 48.4 72.6

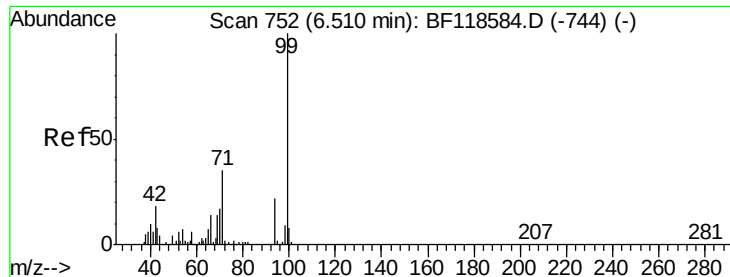


#5

2-Fluorophenol
Concen: 94.729 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Tgt Ion:112 Resp: 1929970
Ion Ratio Lower Upper
112 100
64 56.5 46.6 70.0
63 29.5 25.1 37.7





#7

Phenol-d6

Concen: 98.192 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

PB126152BL

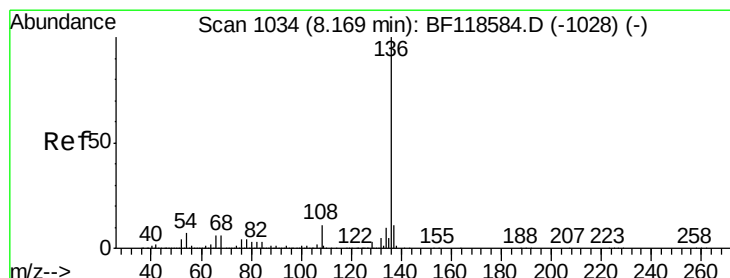
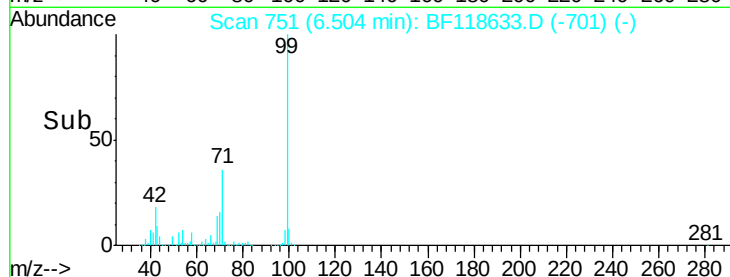
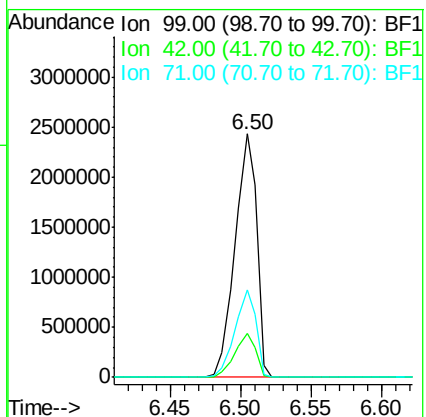
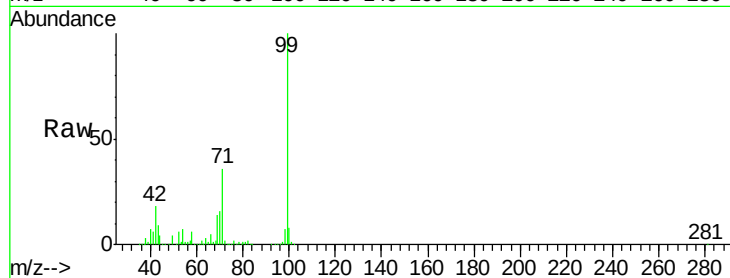
Tot Ion: 99 Resp: 2600176

Ion Ratio Lower Upper

99 100

42 18.1 14.2 21.2

71 35.7 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Tgt Ion: 136 Resp: 1408714

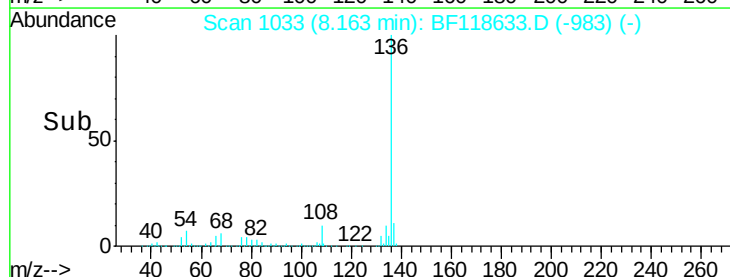
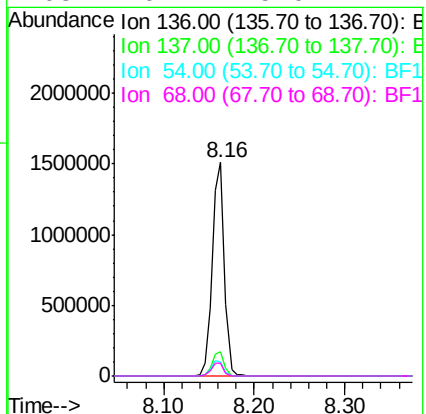
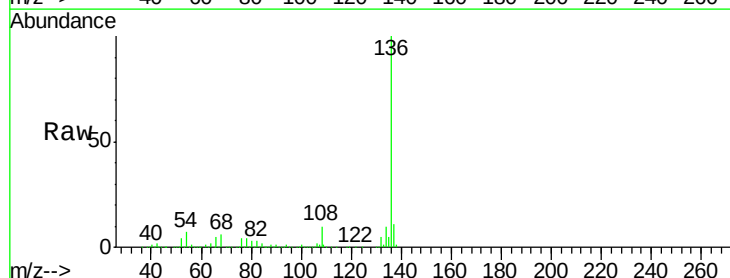
Ion Ratio Lower Upper

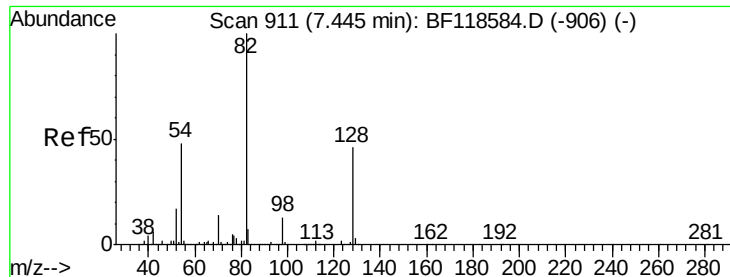
136 100

137 11.4 9.1 13.7

54 6.9 5.8 8.6

68 6.1 5.0 7.4

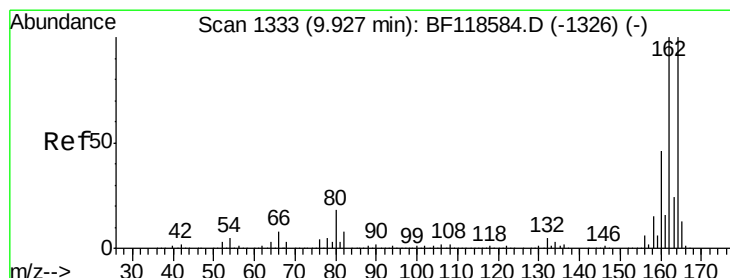
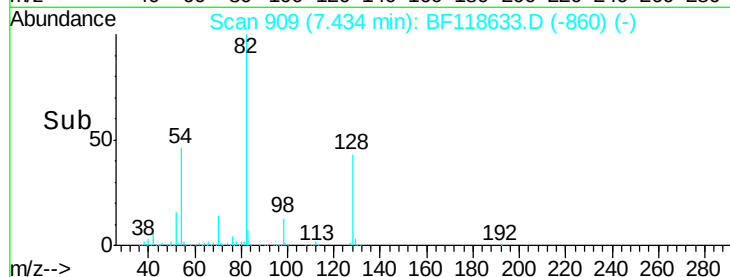
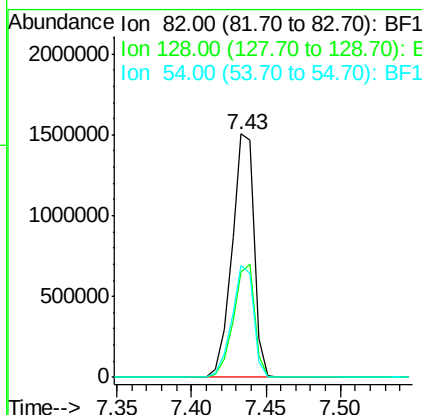
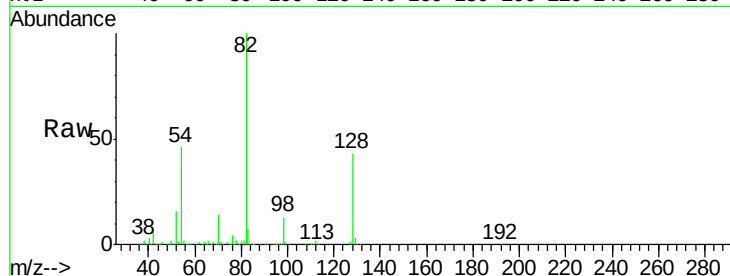




#23
 Nitrobenzene-d5
 Concen: 62.523 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118633.D
 Acq: 21 Jan 2020 14:00

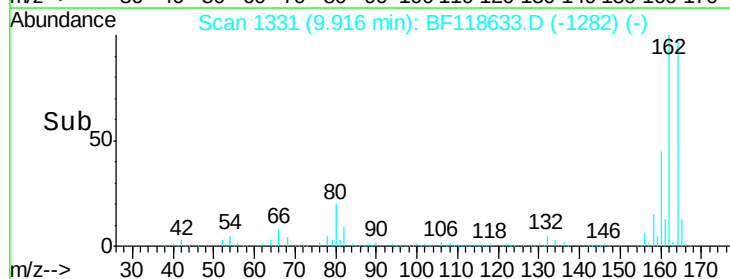
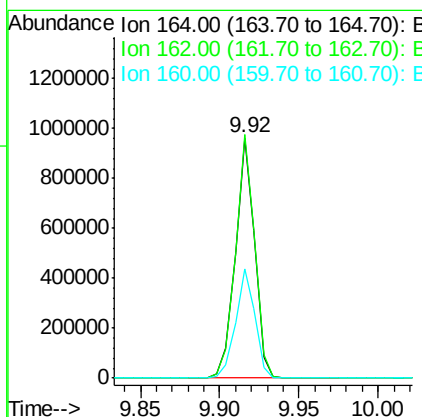
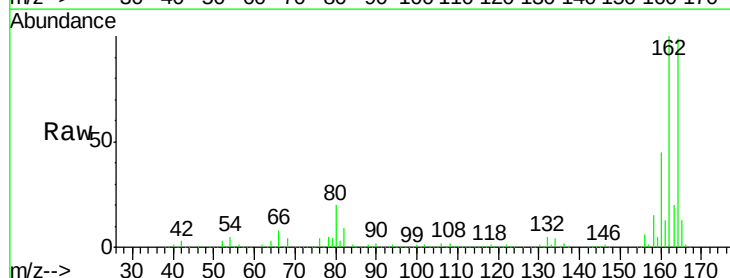
Instrument :
 BNA_F
 ClientSampleId :
 PB126152BL

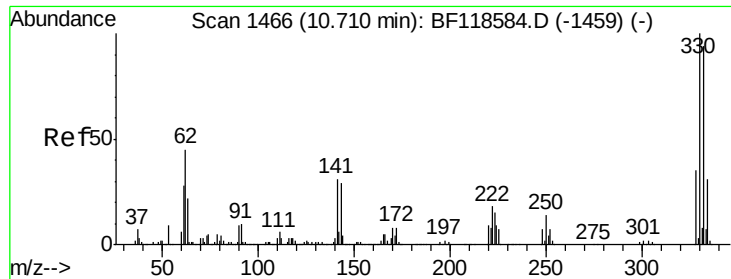
Tot Ion: 82 Resp: 1574670
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.6 54.8
 54 45.9 38.0 57.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118633.D
 Acq: 21 Jan 2020 14:00

Tgt Ion:164 Resp: 807106
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.4 120.6
 160 45.6 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 93.468 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

PB126152BL

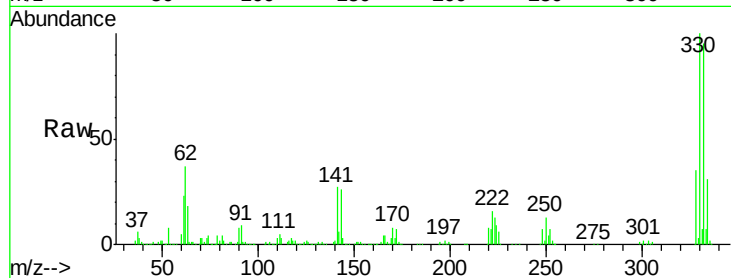
Tot Ion:330 Resp: 872543

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

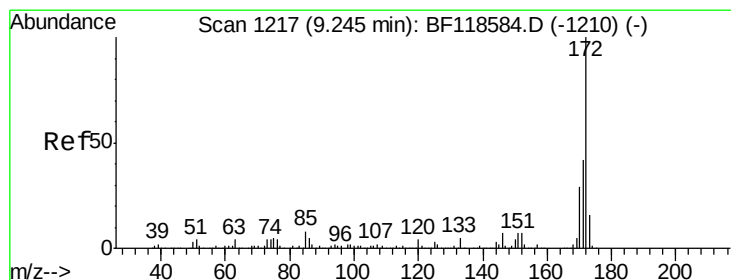
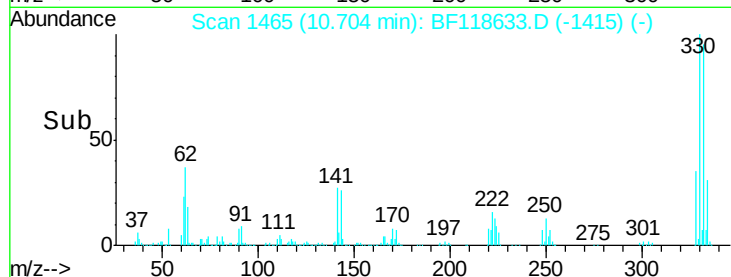
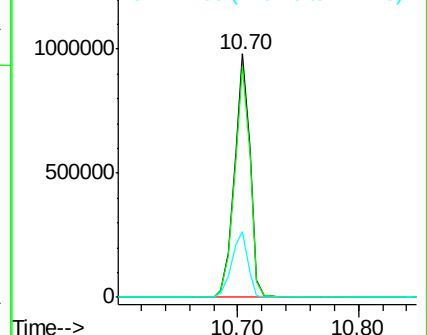
141 28.4 23.9 35.9



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: 63.081 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

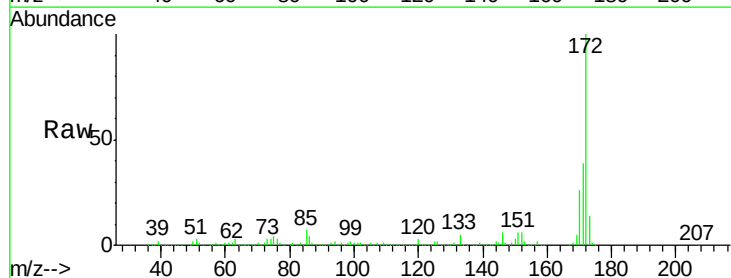
Tgt Ion:172 Resp: 3097631

Ion Ratio Lower Upper

172 100

171 38.6 33.4 50.2

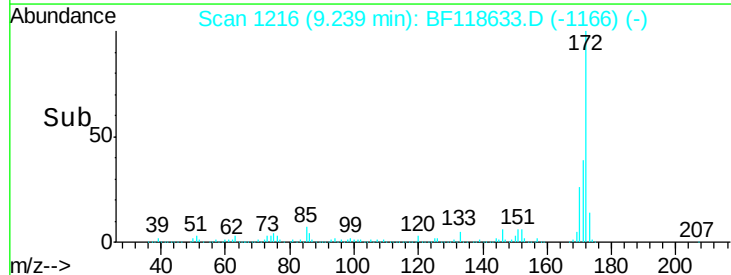
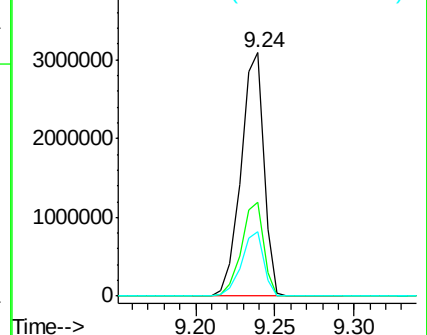
170 26.3 23.2 34.8

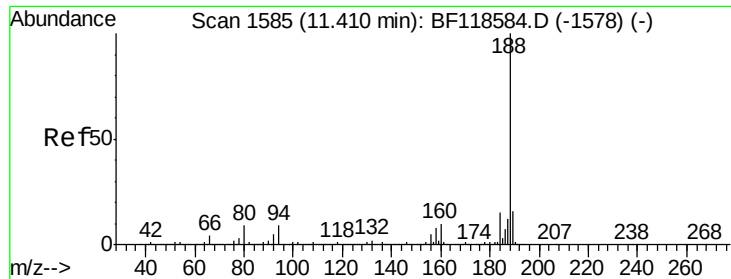


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

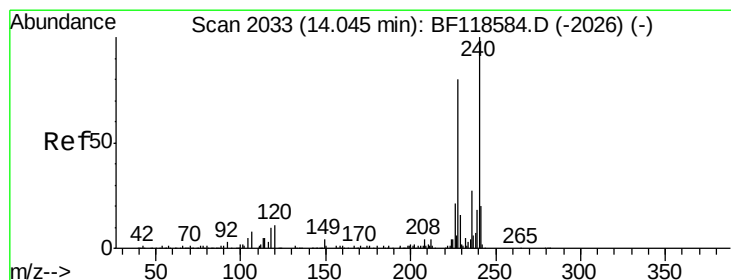
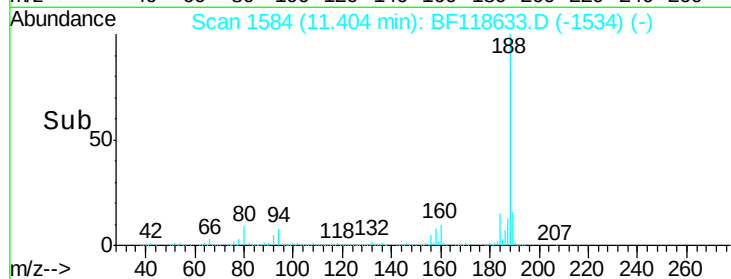
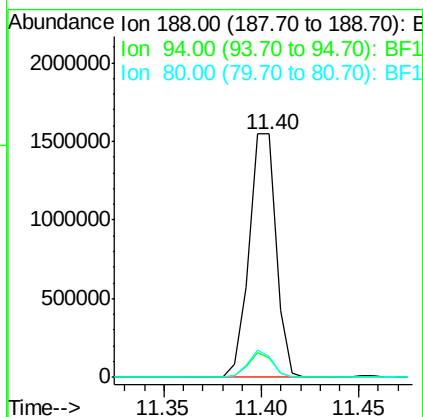
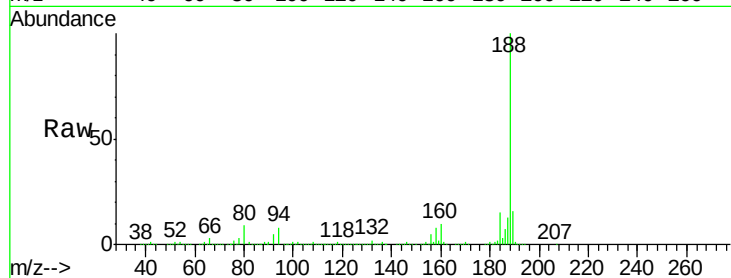




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

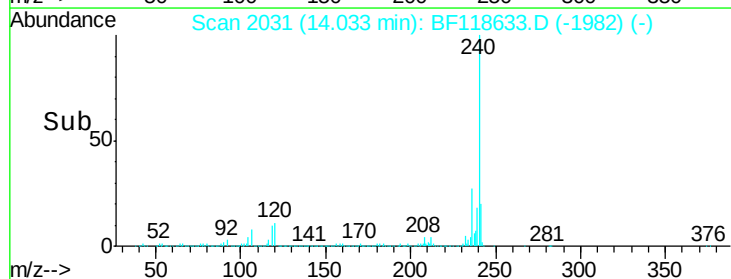
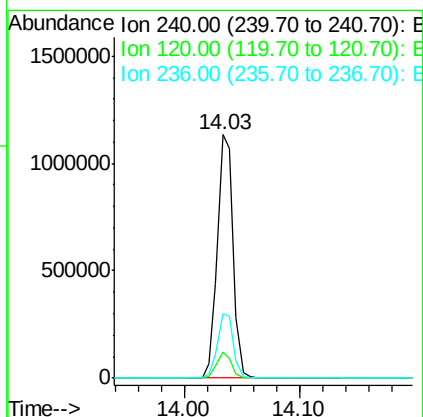
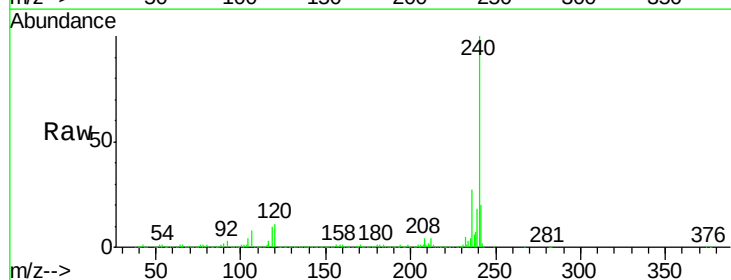
Instrument :
BNA_F
ClientSampleId :
PB126152BL

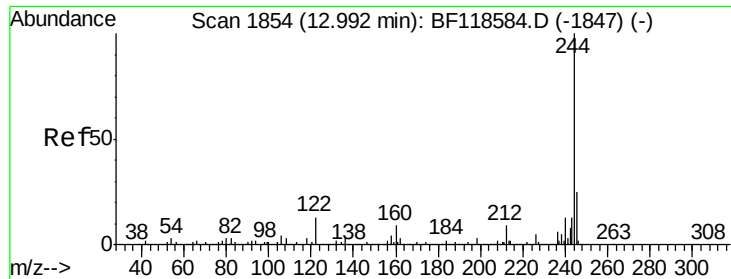
Tot Ion:188 Resp: 1492668
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 8.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118633.D
Acq: 21 Jan 2020 14:00

Tgt Ion:240 Resp: 1074983
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.6 21.5 32.3





#79

Terphenyl-d14

Concen: 76.649 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

Instrument :

BNA_F

ClientSampleId :

PB126152BL

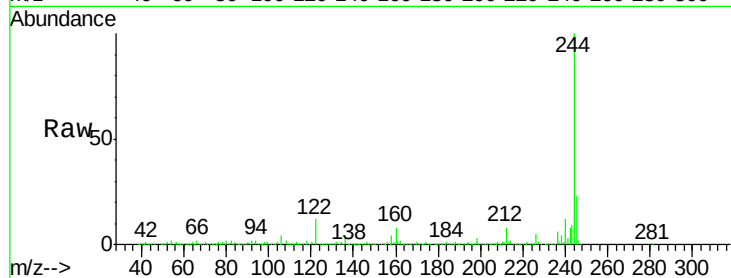
Tot Ion:244 Resp: 3777741

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

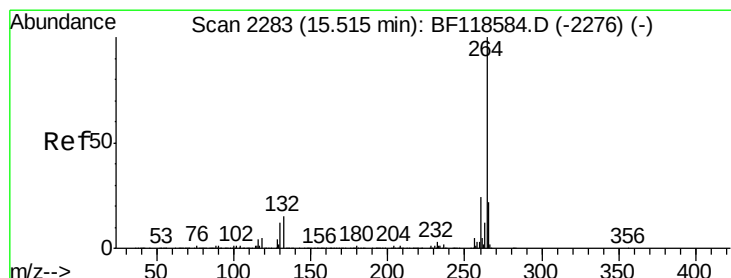
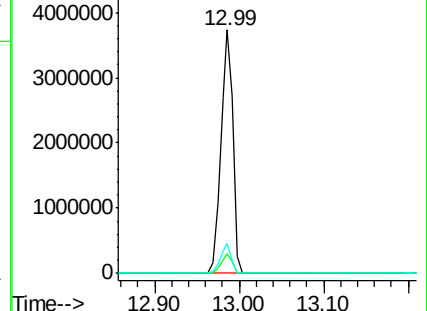
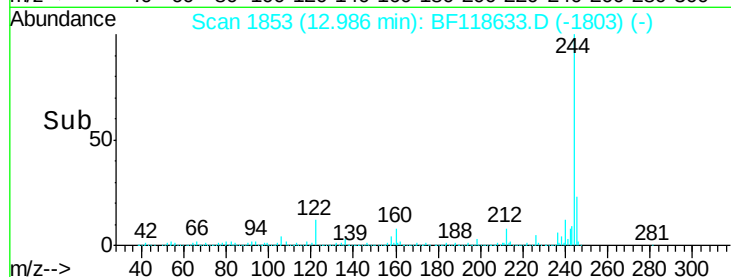
122 12.1 10.7 16.1



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118633.D

Acq: 21 Jan 2020 14:00

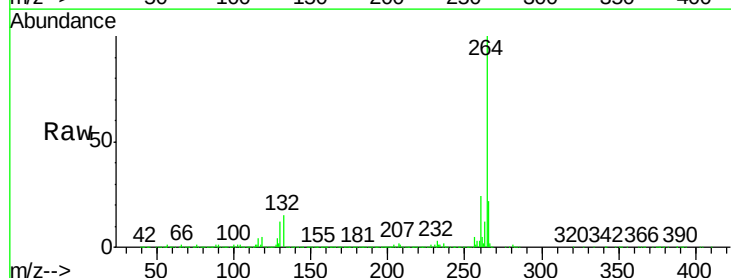
Tgt Ion:264 Resp: 919147

Ion Ratio Lower Upper

264 100

260 23.7 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

