

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118753.D
 Acq On : 30 Jan 2020 16:03
 Operator : CG/JU
 Sample : PB126456BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BL

Quant Time: Jan 30 22:22:29 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 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	340856	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1304620	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	763106	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1498976	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1403721	20.00	ng	-0.02
87) Perylene-d12	15.46	264	1501410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2281621	124.32	ng	0.00
7) Phenol-d6	6.47	99	2829254	118.61	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1879316	80.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	1181191	133.83	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	3676053	79.18	ng	-0.02
79) Terphenyl-d14	12.96	244	4993149	77.58	ng	0.00

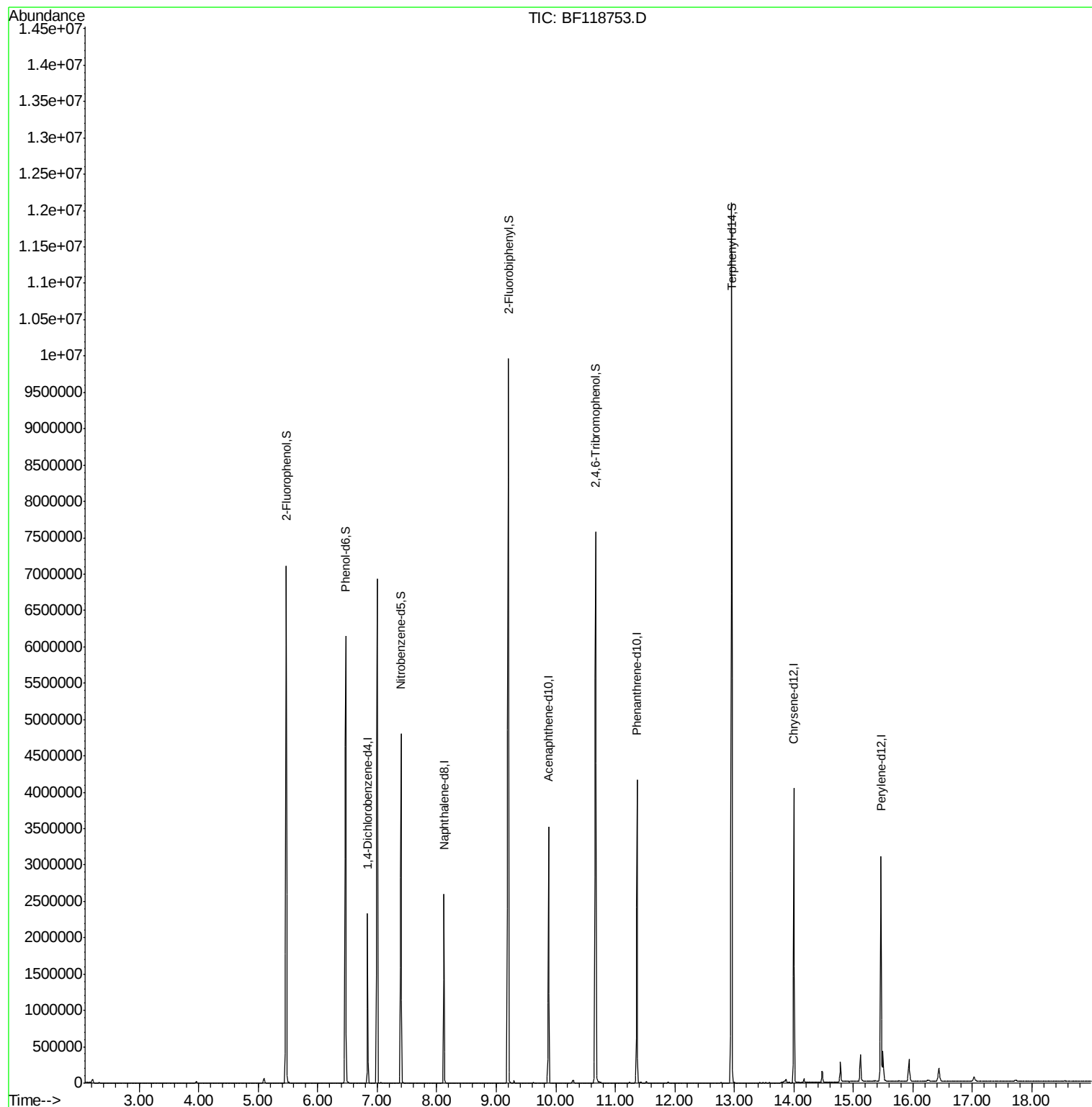
Target Compounds Qvalue

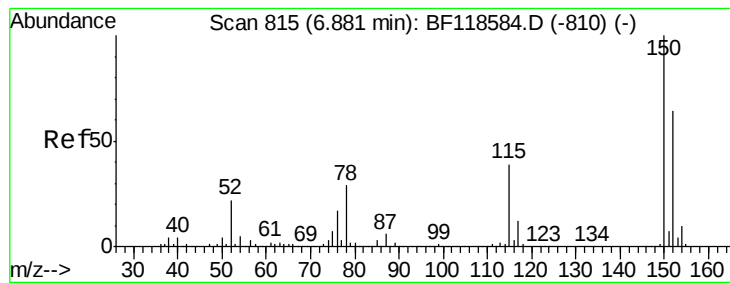
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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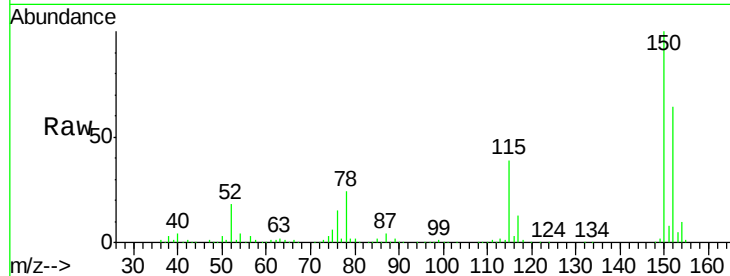


#1

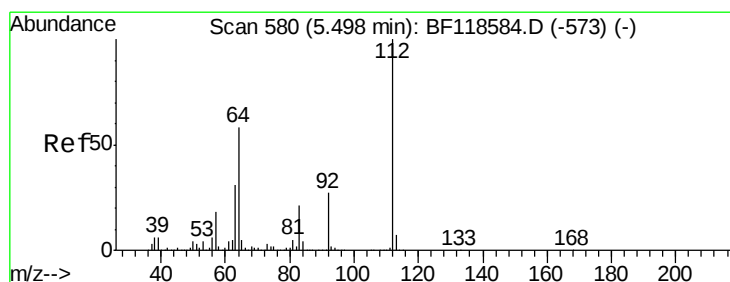
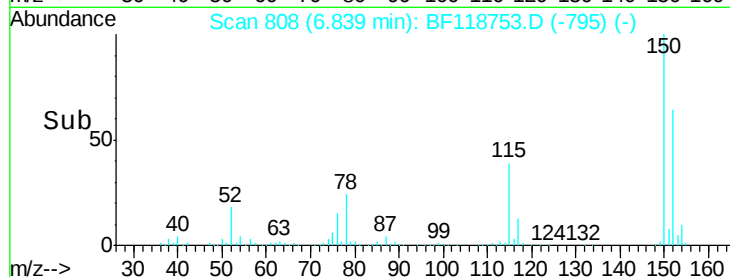
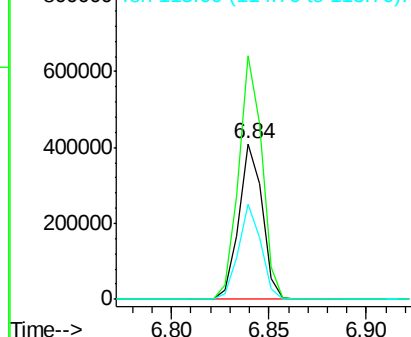
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF118753.D
Acq: 30 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :
PB126456BL

Tot Ion:152 Resp: 340856
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 60.9 45.1 67.7



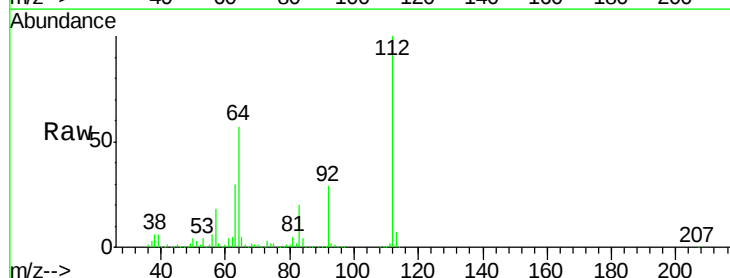
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



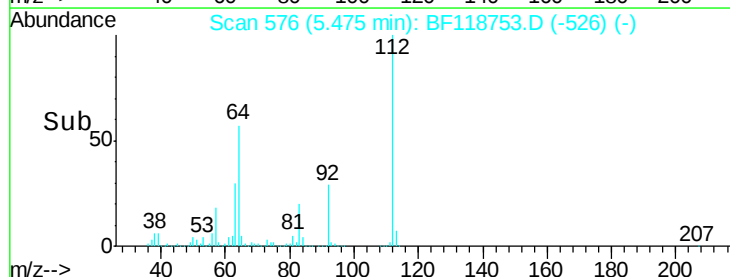
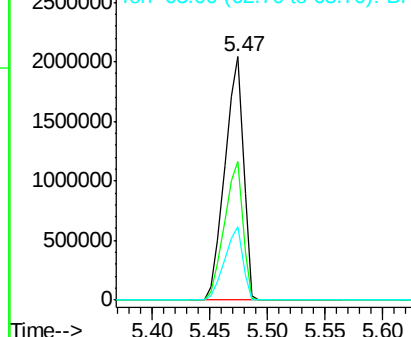
#5

2-Fluorophenol
Concen: 124.321 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF118753.D
Acq: 30 Jan 2020 16:03

Tgt Ion:112 Resp: 2281621
Ion Ratio Lower Upper
112 100
64 57.0 42.4 63.6
63 30.1 21.7 32.5



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: 118.608 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

PB126456BL

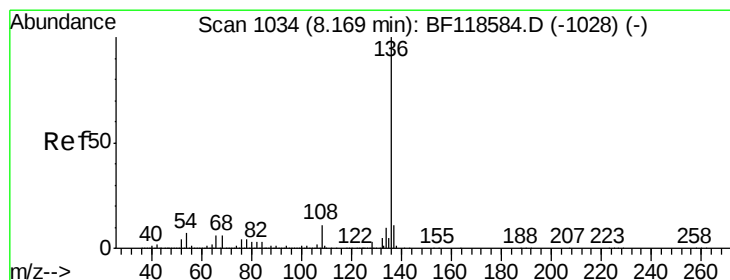
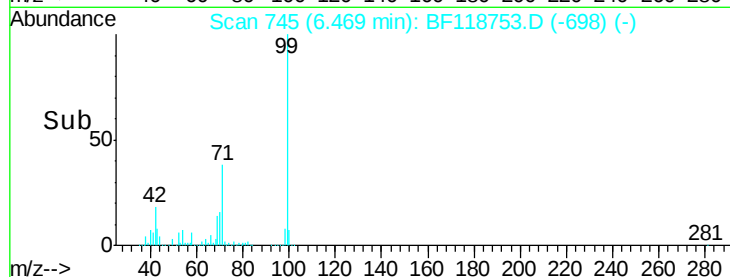
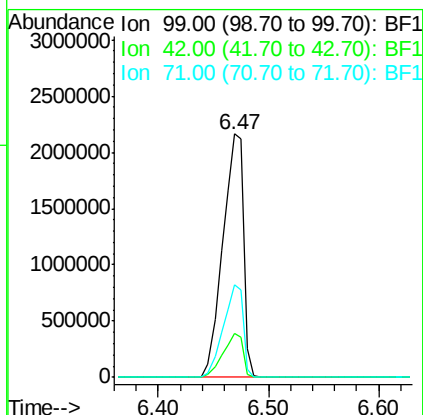
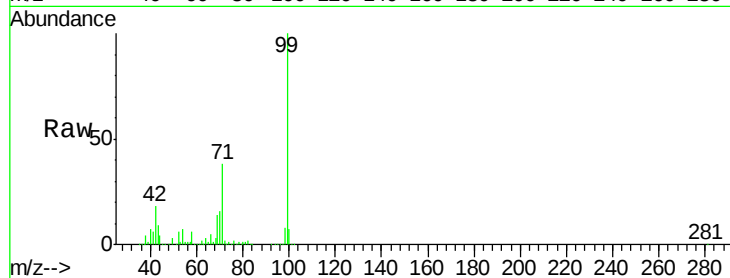
Tot Ion: 99 Resp: 2829254

Ion Ratio Lower Upper

99 100

42 18.0 13.1 19.7

71 38.0 28.4 42.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Tgt Ion: 136 Resp: 1304620

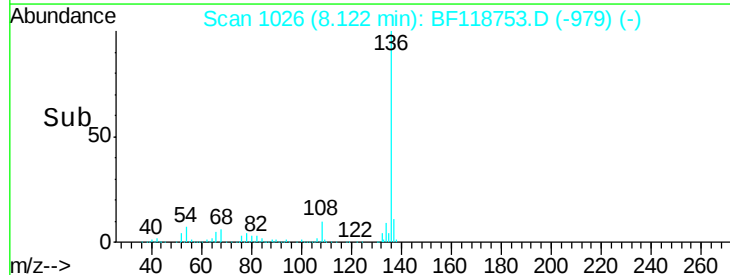
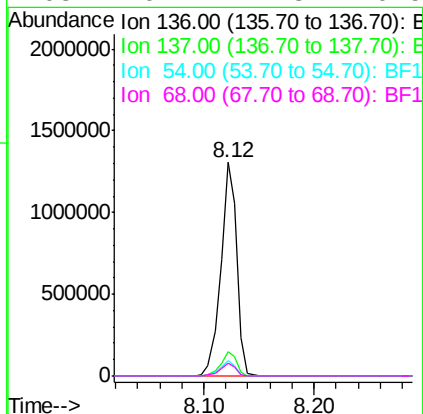
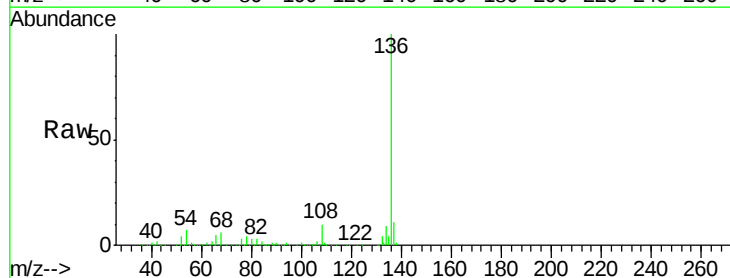
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.9 5.1 7.7

68 6.2 4.3 6.5



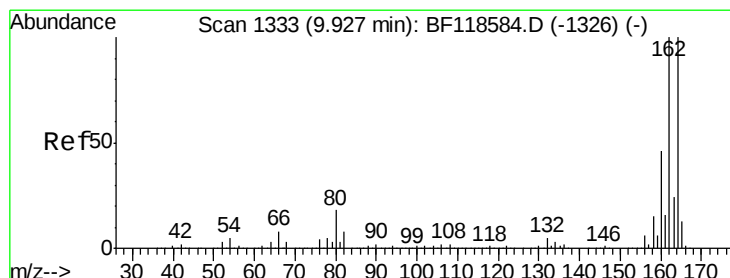
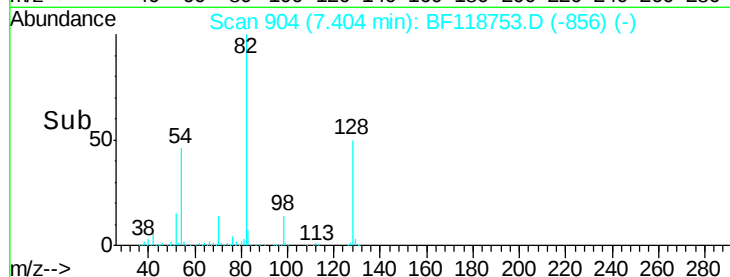
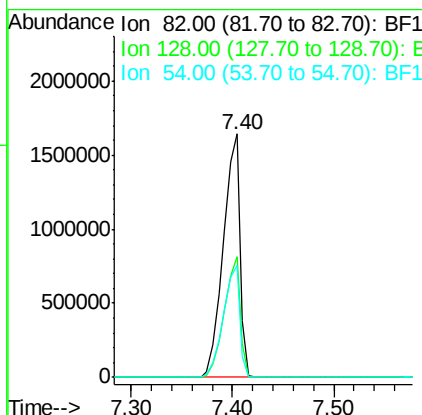
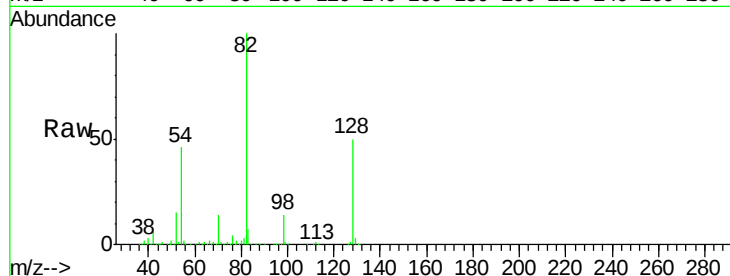


#23
 Nitrobenzene-d5
 Concen: 80.573 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BL

Tot Ion: 82 Resp: 1879316

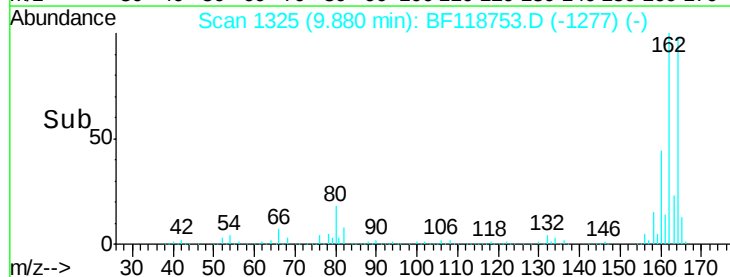
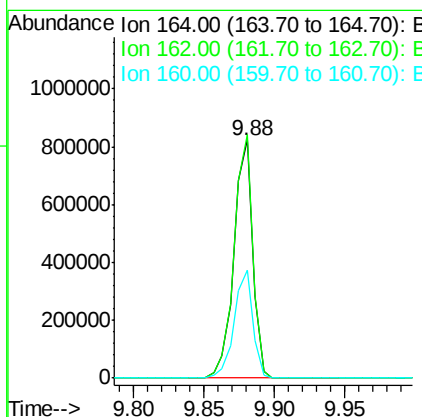
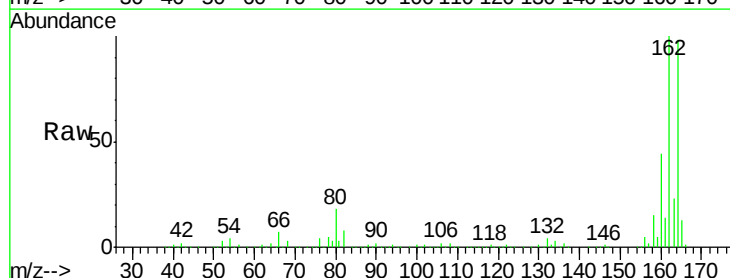
Ion	Ratio	Lower	Upper
82	100		
128	49.6	38.2	57.2
54	45.7	36.1	54.1

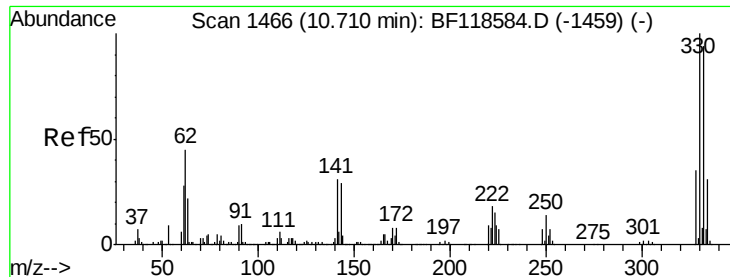


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Tgt Ion: 164 Resp: 763106

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.8	121.2
160	45.3	35.4	53.0

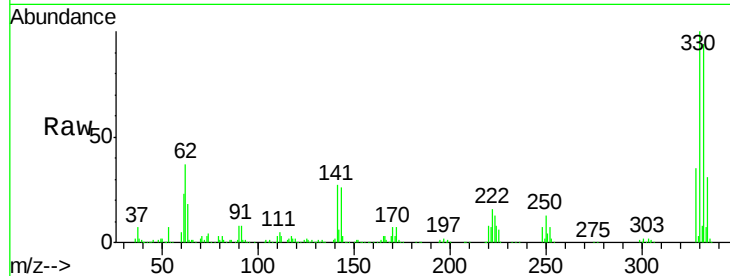




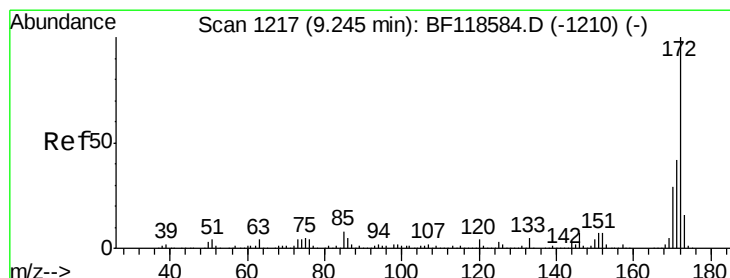
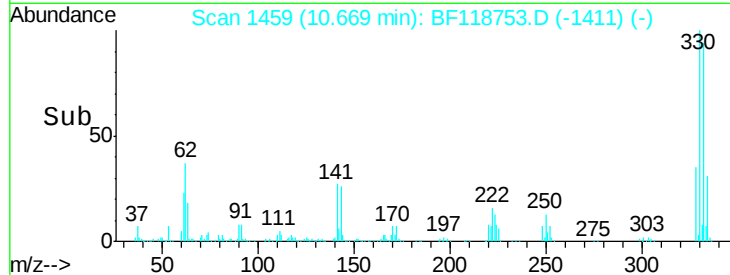
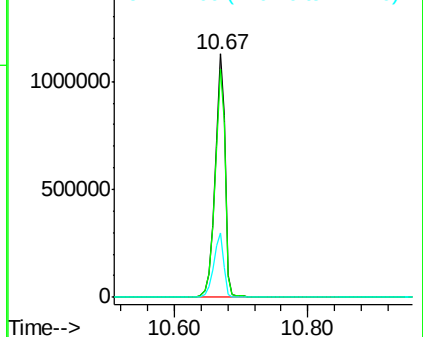
#42
 2,4,6-Tribromophenol
 Concen: 133.826 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BL

Tot Ion:330 Resp: 1181191
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 26.9 22.2 33.2

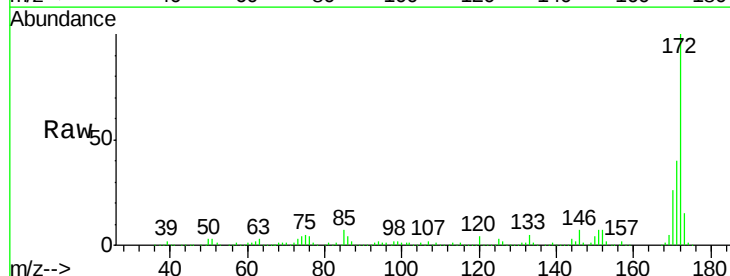


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

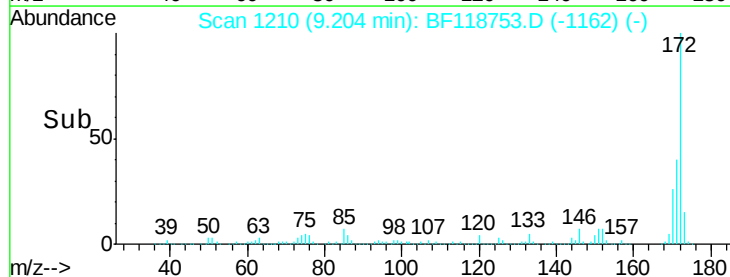
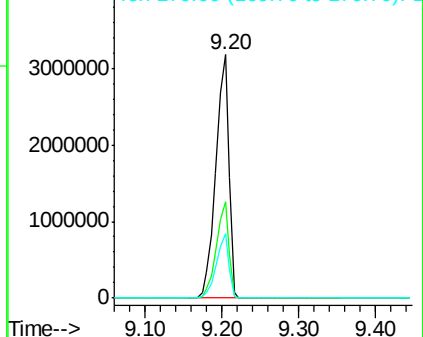


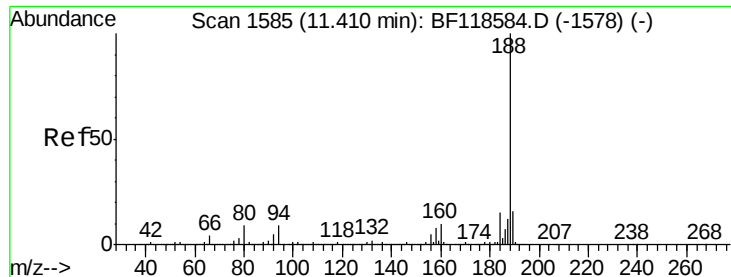
#45
 2-Fluorobiphenyl
 Concen: 79.177 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Tgt Ion:172 Resp: 3676053
 Ion Ratio Lower Upper
 172 100
 171 39.6 31.0 46.4
 170 26.4 20.7 31.1



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

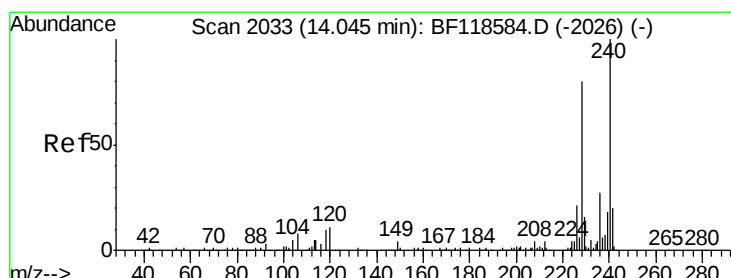
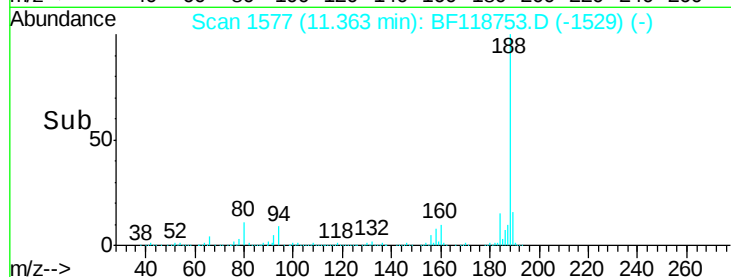
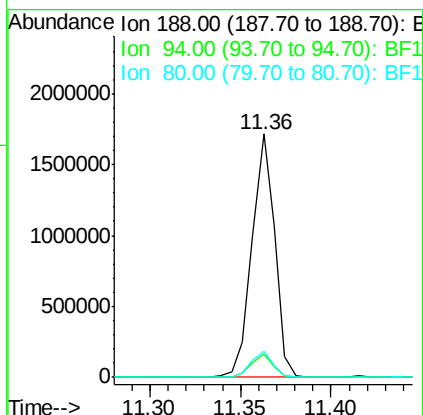
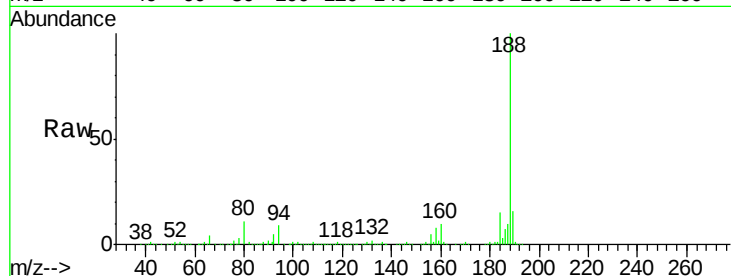




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF118753.D
Acq: 30 Jan 2020 16:03

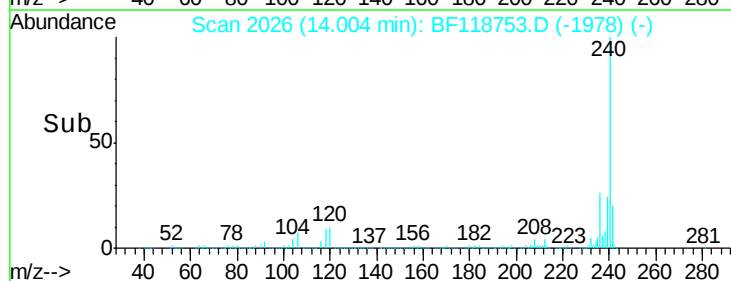
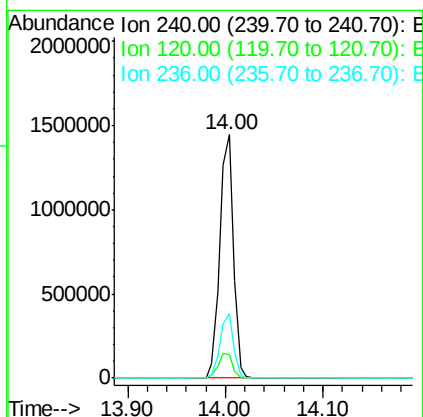
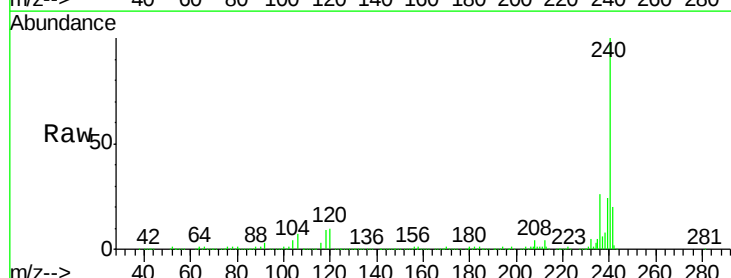
Instrument :
BNA_F
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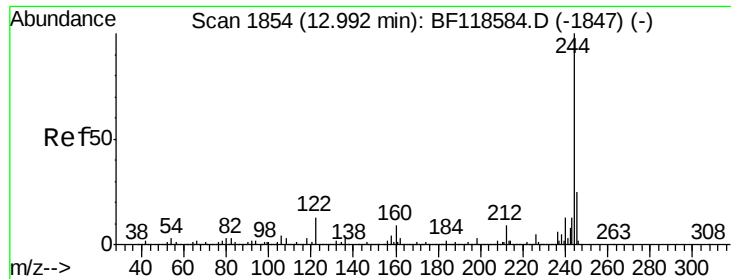
Tot Ion:188 Resp: 1498976
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.5 7.8 11.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF118753.D
Acq: 30 Jan 2020 16:03

Tgt Ion:240 Resp: 1403721
Ion Ratio Lower Upper
240 100
120 9.9 7.6 11.4
236 26.4 21.0 31.4

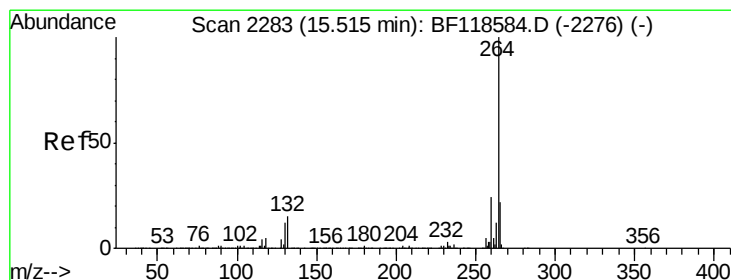
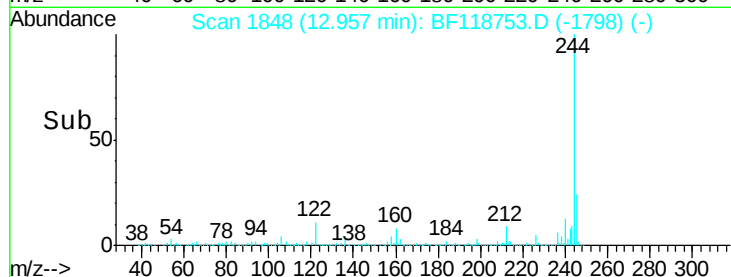
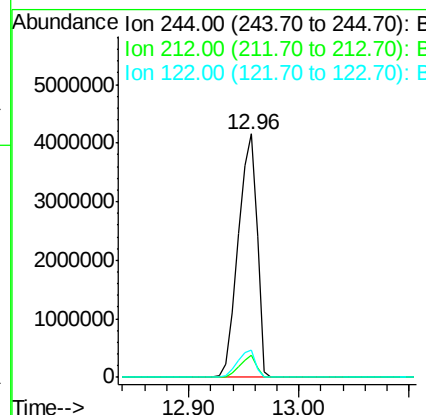
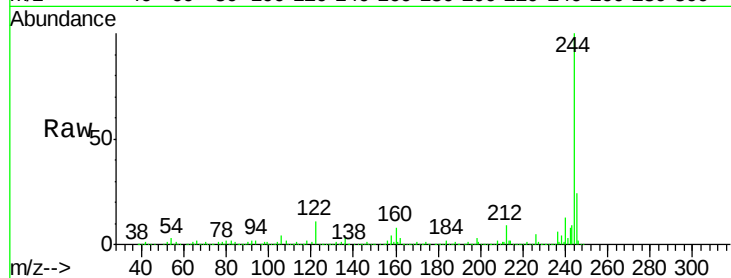




#79
 Terphenyl-d14
 Concen: 77.583 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :
 PB126456BL

Tot Ion:244 Resp: 4993149
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.3 9.5
 122 11.1 9.2 13.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Tgt Ion:264 Resp: 1501410
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.8 17.0 25.6

