

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
 Data File : BF118658.D
 Acq On : 22 Jan 2020 10:24
 Operator : CG/JU
 Sample : PB126132BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BL

Quant Time: Jan 22 12:02:19 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	377266	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1395135	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	781028	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1454548	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	1231977	20.00	ng	-0.01
87) Perylene-d12	15.51	264	1181147	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1857407	91.44	ng	0.00
7) Phenol-d6	6.50	99	2479160	93.90	ng	0.00
23) Nitrobenzene-d5	7.43	82	1540701	61.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	814652	90.18	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	2935466	61.77	ng	-0.01
79) Terphenyl-d14	12.99	244	3745017	66.30	ng	0.00

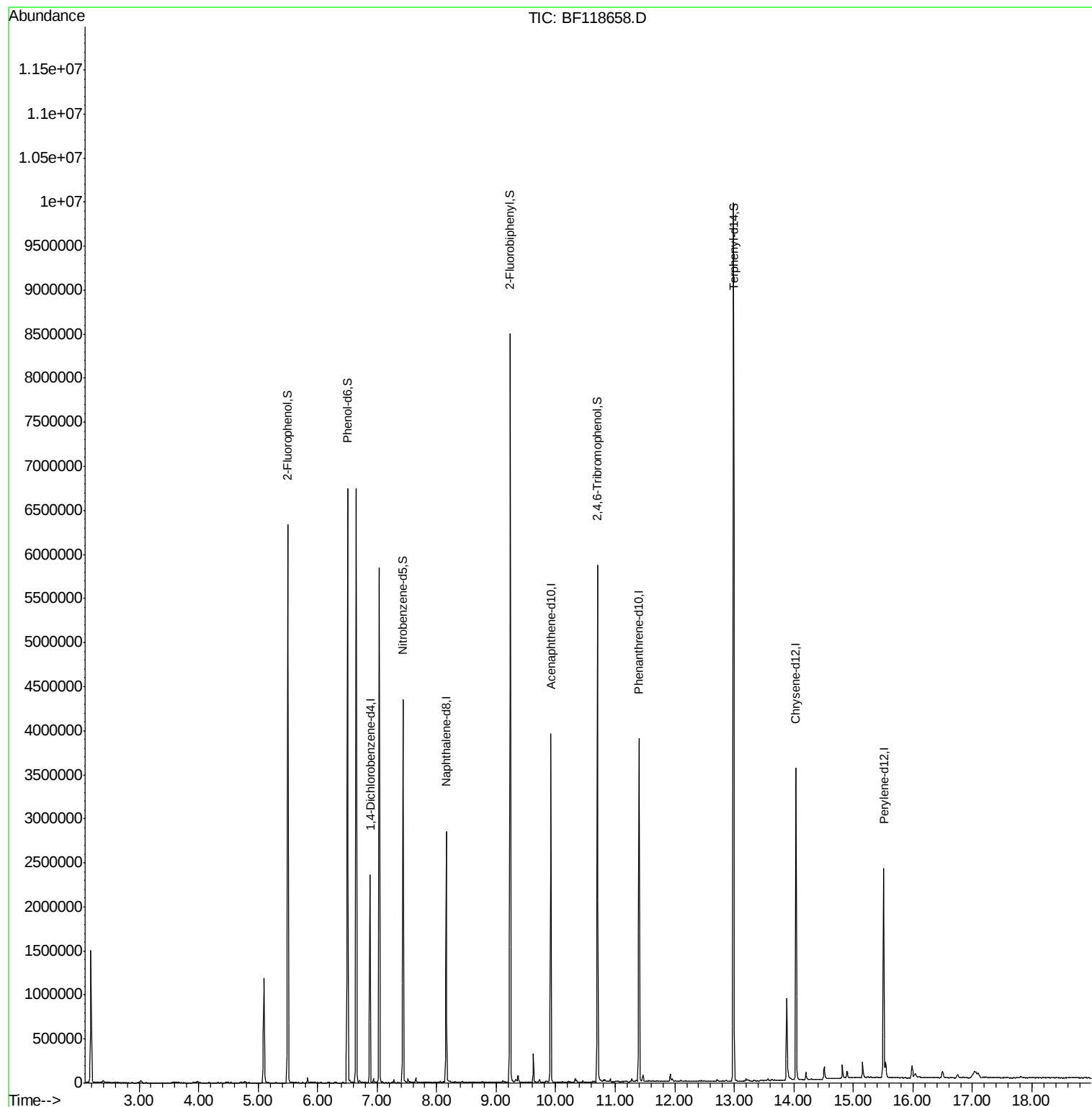
Target Compounds Qvalue

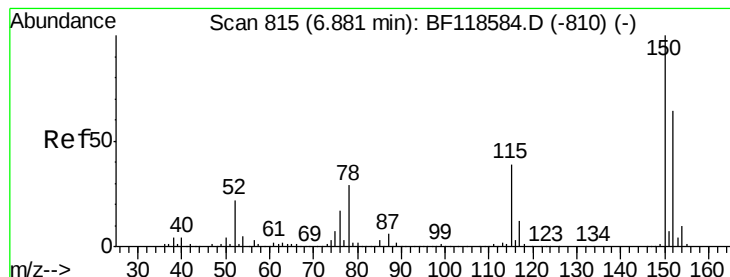
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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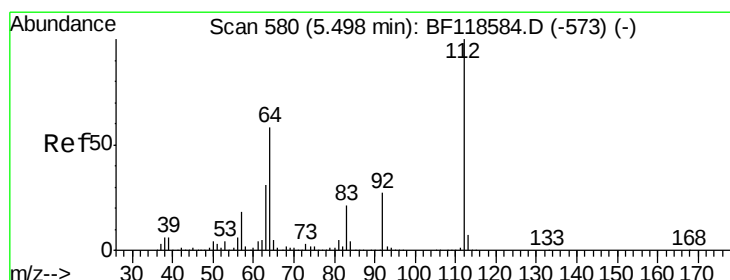
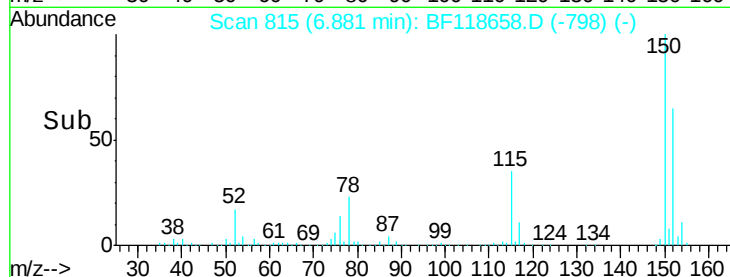
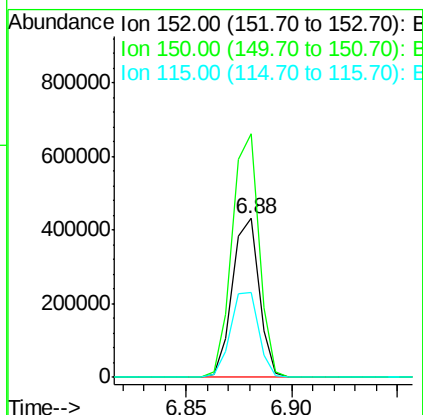
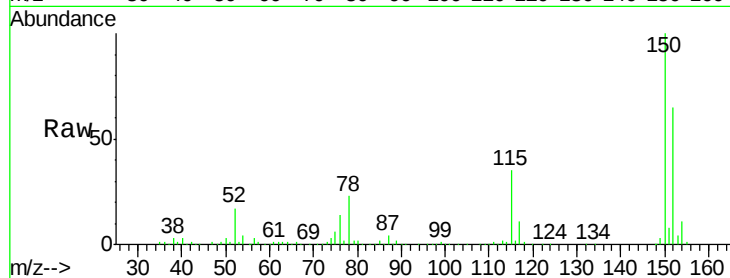


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Instrument :
BNA_F
ClientSampled :
PB126132BL

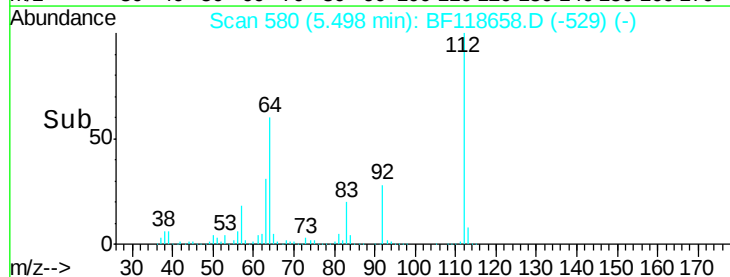
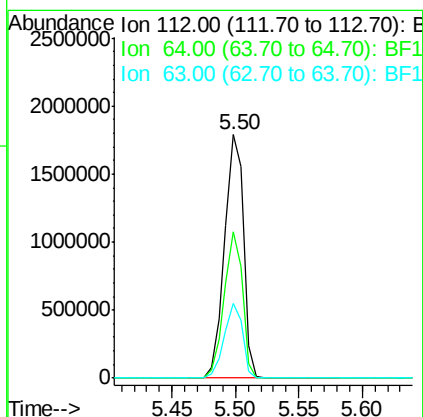
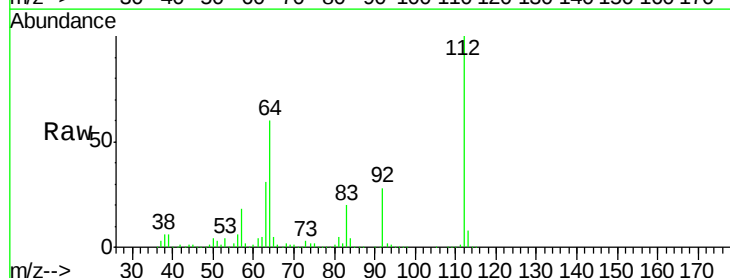
Tot Ion:152 Resp: 377266
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 53.8 48.4 72.6

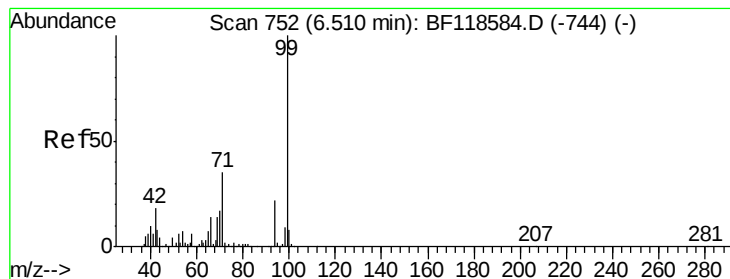


#5

2-Fluorophenol
Concen: 91.439 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Tgt Ion:112 Resp: 1857407
Ion Ratio Lower Upper
112 100
64 60.3 46.6 70.0
63 30.8 25.1 37.7





#7

Phenol-d6

Concen: 93.901 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Instrument :

BNA_F

ClientSampleId :

PB126132BL

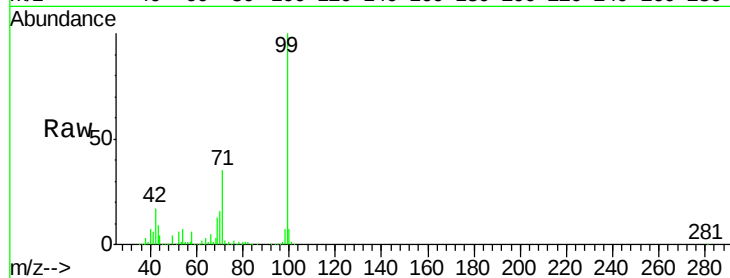
Tot Ion: 99 Resp: 2479160

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

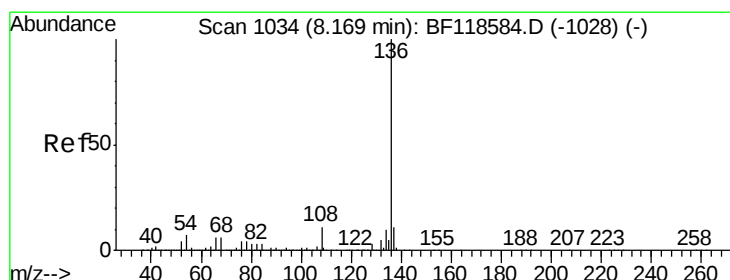
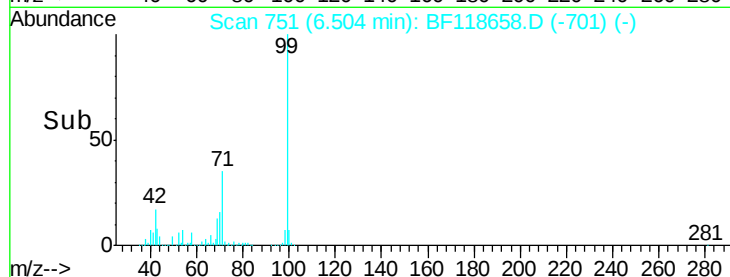
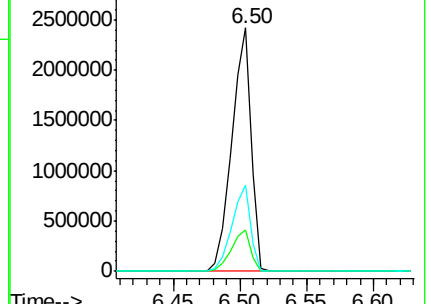
71 35.4 27.8 41.6



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: BF118658.D

Acq: 22 Jan 2020 10:24

Tgt Ion: 136 Resp: 1395135

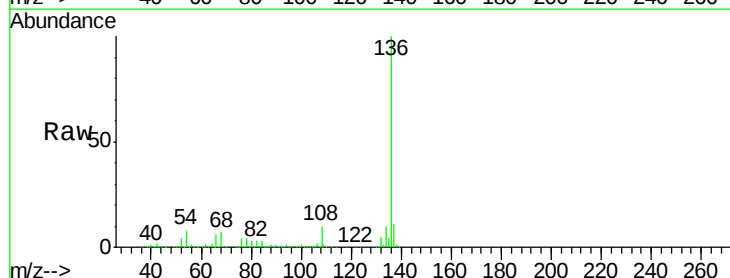
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.7 5.8 8.6

68 6.9 5.0 7.4

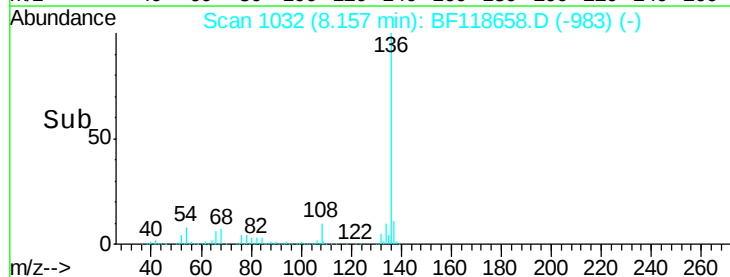
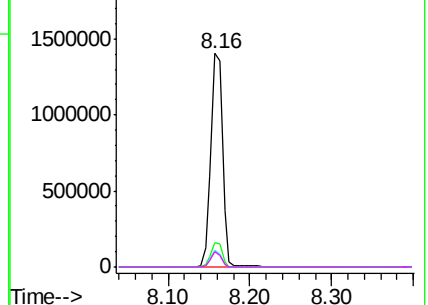


Abundance Ion 136.00 (135.70 to 136.70): E

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



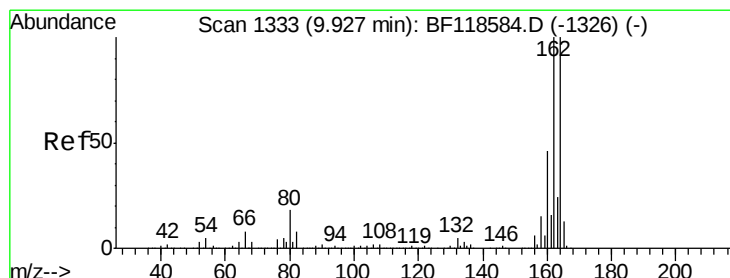
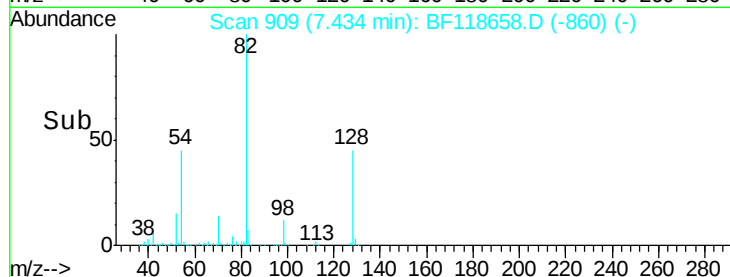
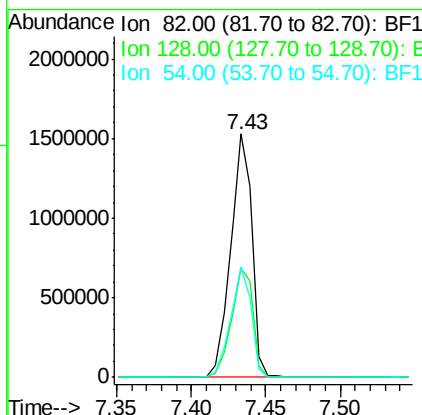
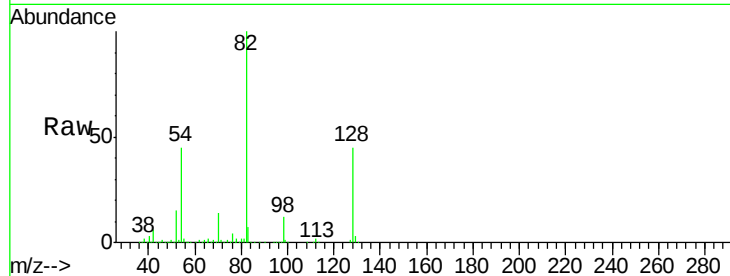


#23
 Nitrobenzene-d5
 Concen: 61.770 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Instrument :
 BNA_F
 ClientSampleID :
 PB126132BL

Tot Ion: 82 Resp: 1540701

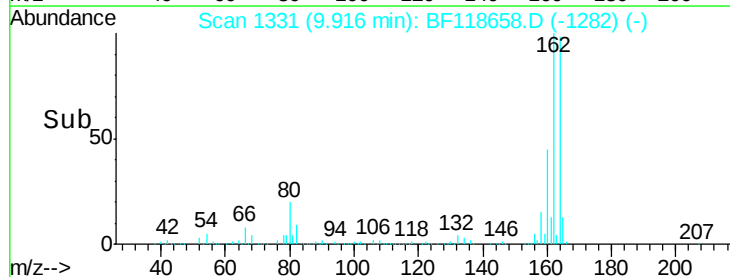
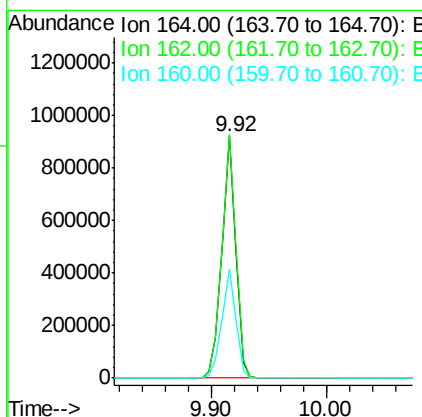
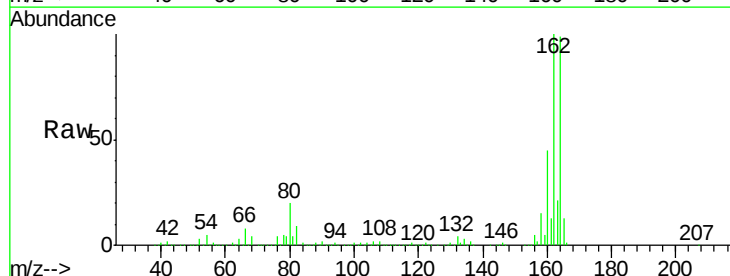
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.6	54.8
54	45.5	38.0	57.0

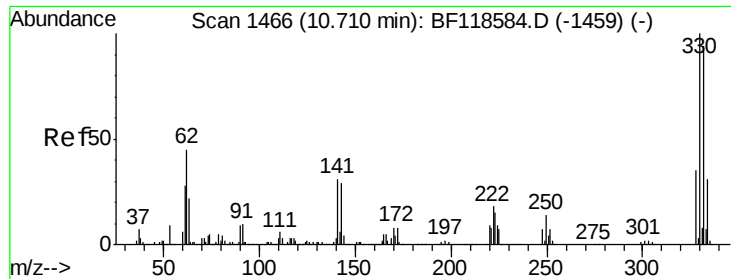


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Tgt Ion: 164 Resp: 781028

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.4	120.6
160	45.3	36.6	55.0

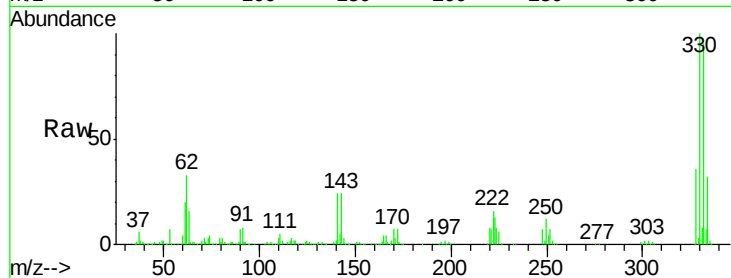




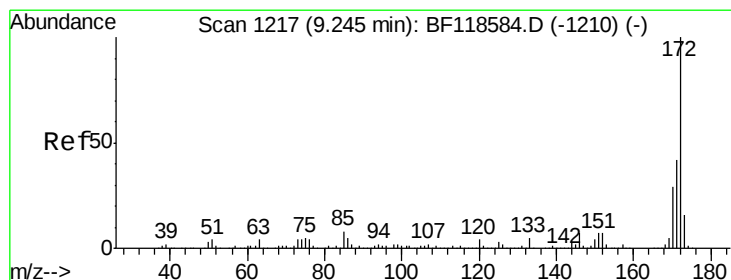
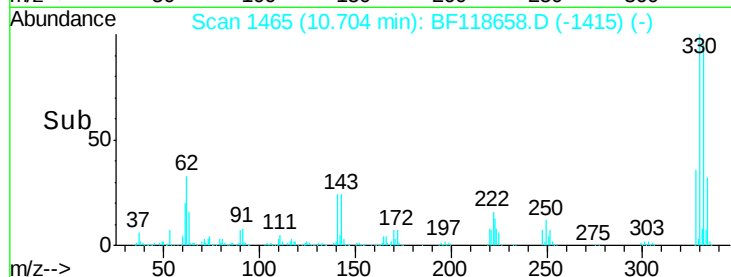
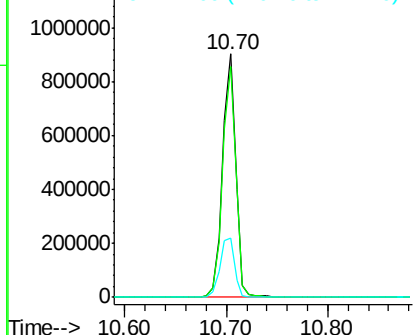
#42
 2,4,6-Tribromophenol
 Concen: 90.180 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB126132BL

Tot Ion:330 Resp: 814652
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 27.5 23.9 35.9

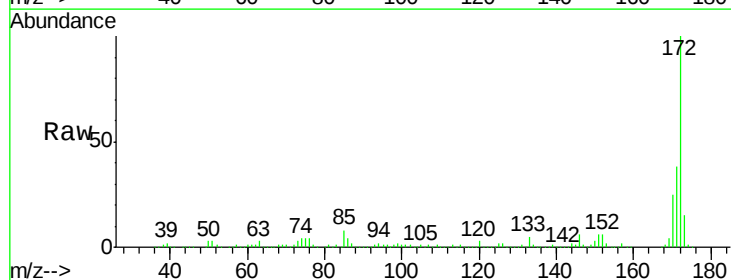


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

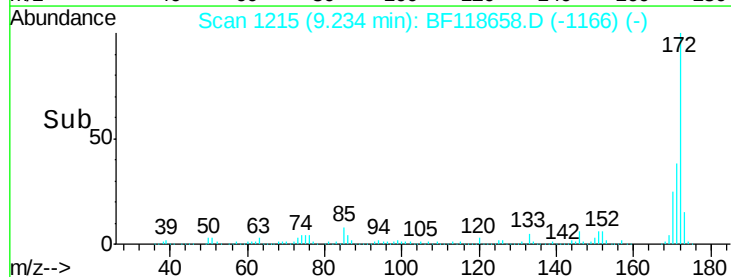
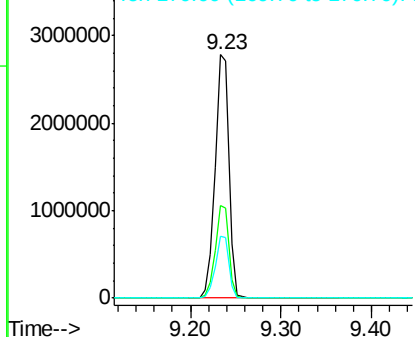


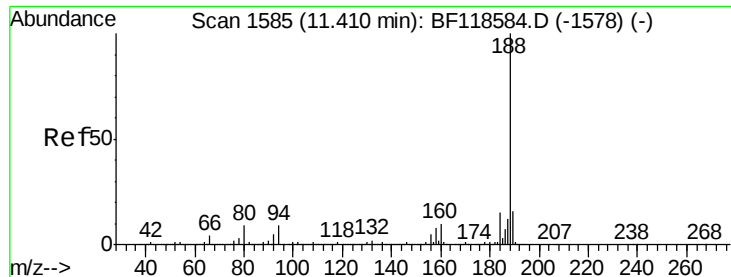
#45
 2-Fluorobiphenyl
 Concen: 61.775 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118658.D
 Acq: 22 Jan 2020 10:24

Tgt Ion:172 Resp: 2935466
 Ion Ratio Lower Upper
 172 100
 171 38.2 33.4 50.2
 170 25.4 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

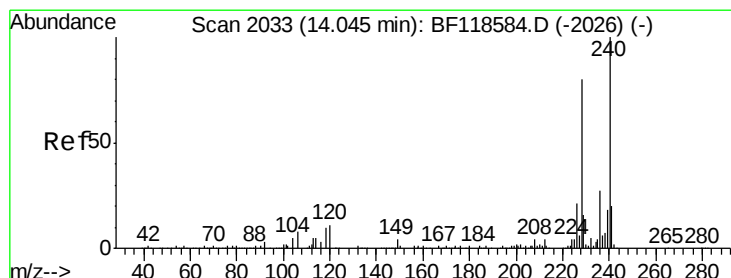
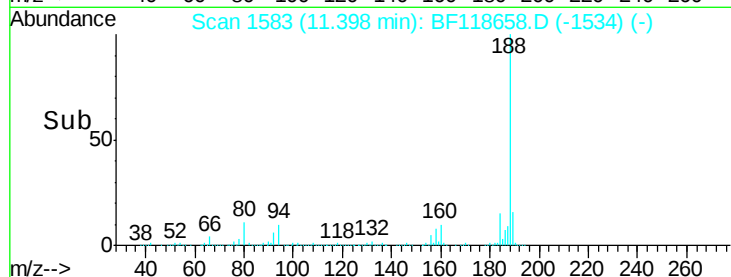
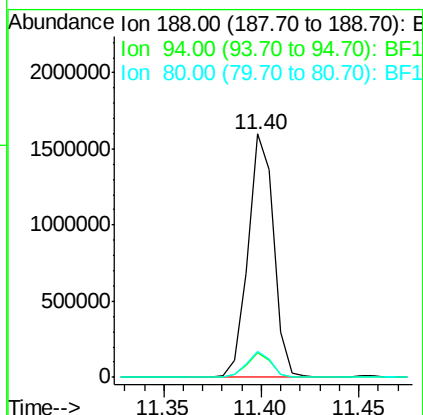
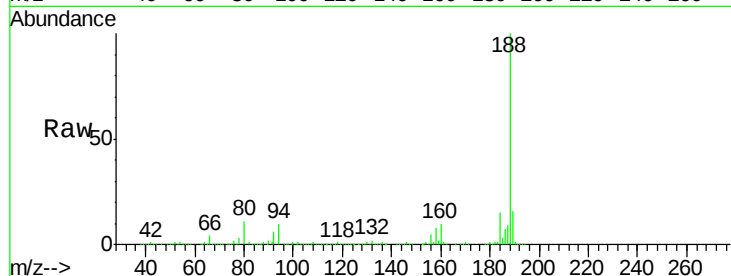




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

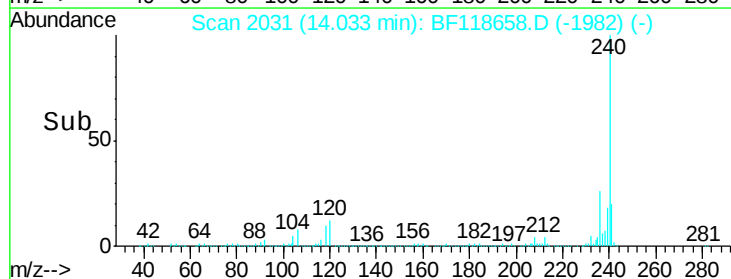
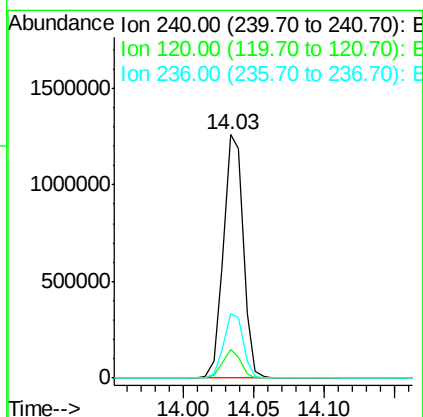
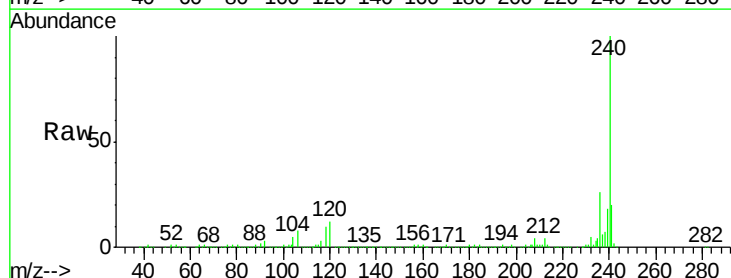
Instrument :
BNA_F
ClientSampleId :
PB126132BL

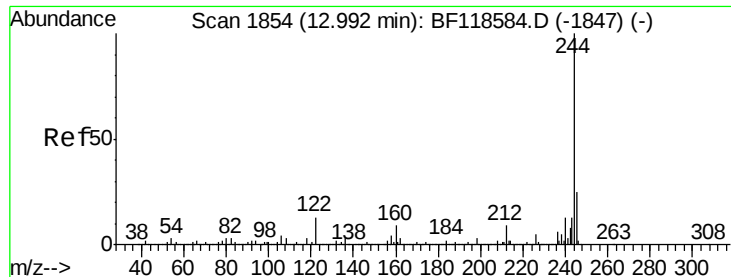
Tot Ion:188 Resp: 1454548
Ion Ratio Lower Upper
188 100
94 10.3 7.1 10.7
80 10.9 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118658.D
Acq: 22 Jan 2020 10:24

Tgt Ion:240 Resp: 1231977
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.4 21.5 32.3





#79

Terphenyl-d14

Concen: 66.302 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Instrument :

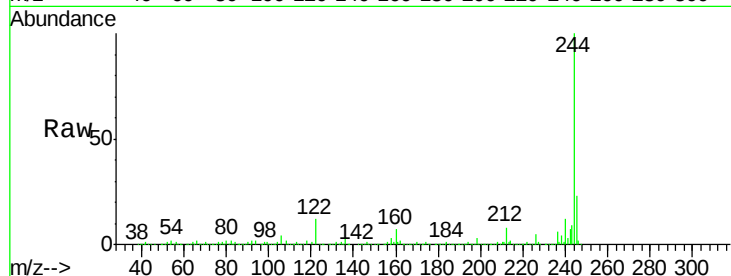
BNA_F

ClientSampleId :

PB126132BL

Tot Ion:244 Resp: 3745017

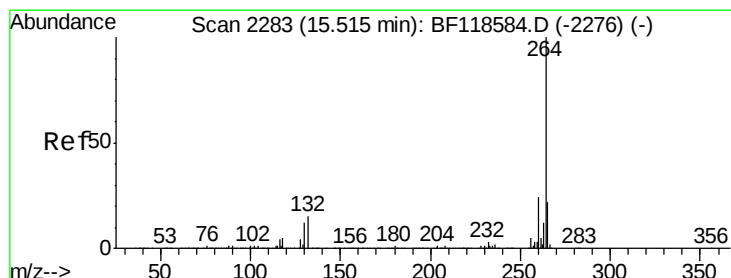
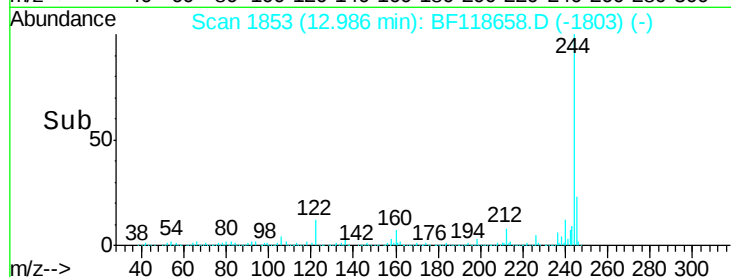
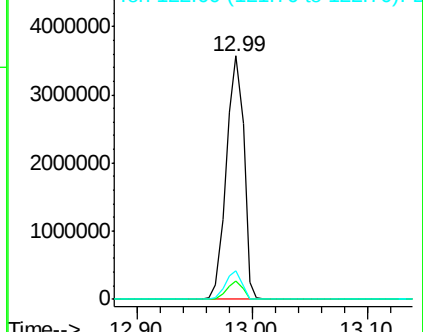
Ion	Ratio	Lower	Upper
244	100		
212	7.8	7.0	10.4
122	11.5	10.7	16.1



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

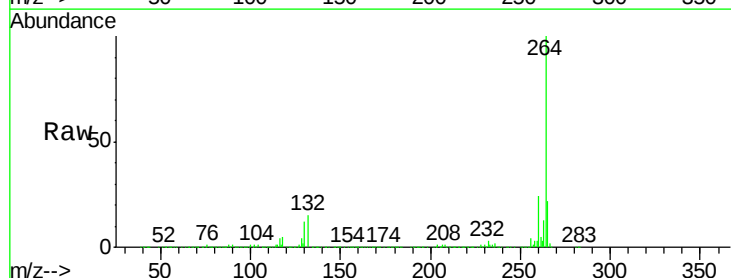
Delta R.T. -0.01 min

Lab File: BF118658.D

Acq: 22 Jan 2020 10:24

Tgt Ion:264 Resp: 1181147

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.9	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

