

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118401.D
 Acq On : 31 Dec 2019 13:10
 Operator : JU
 Sample : PB125809BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BL

Quant Time: Dec 31 17:52:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140660	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	541598	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296779	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	564871	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361158	20.00	ng	0.00
87) Perylene-d12	15.55	264	301793	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1175628	142.67	ng	0.02
7) Phenol-d6	6.50	99	1425700	139.47	ng	0.01
23) Nitrobenzene-d5	7.42	82	874384	92.34	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	515802	140.74	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1795847	92.37	ng	0.00
79) Terphenyl-d14	12.99	244	2211520	101.59	ng	0.00

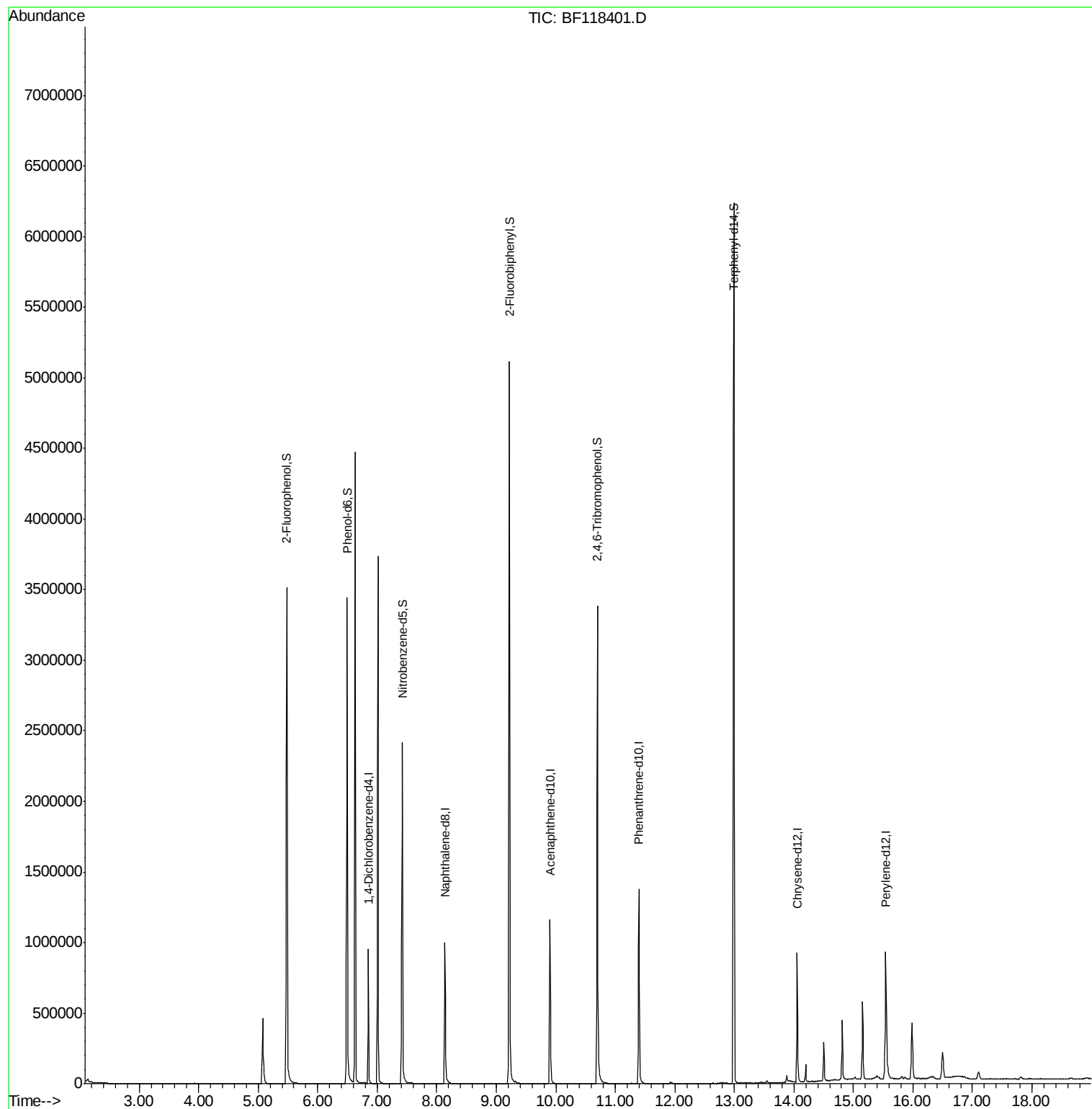
Target Compounds Qvalue

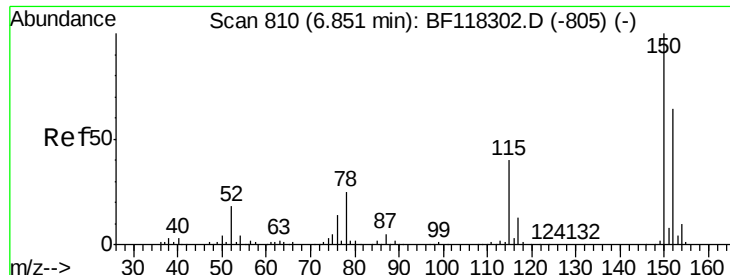
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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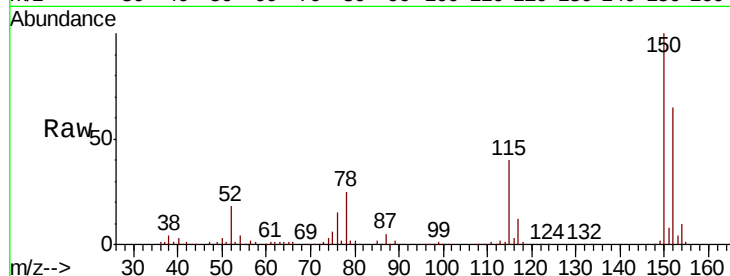


#1

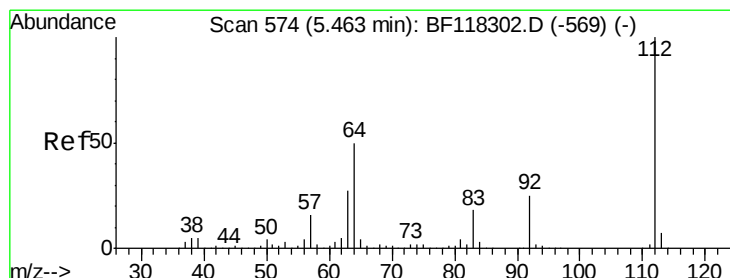
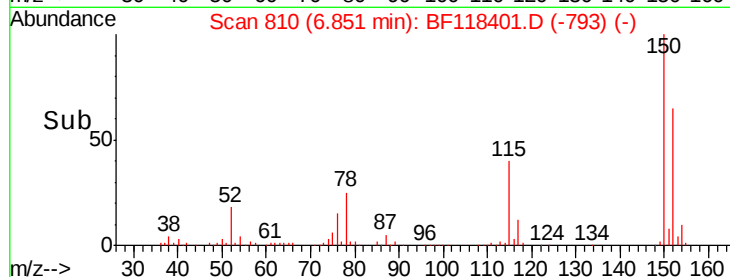
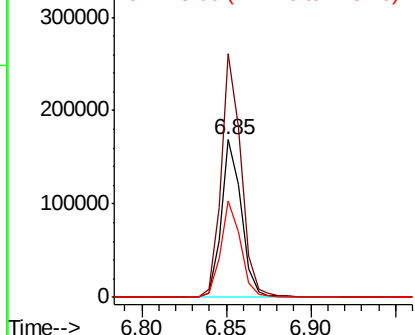
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Instrument :
BNA_F
ClientSampleId :
PB125809BL

Tot Ion:152 Resp: 140660
Ion Ratio Lower Upper
152 100
150 154.8 125.4 188.2
115 61.3 50.2 75.4



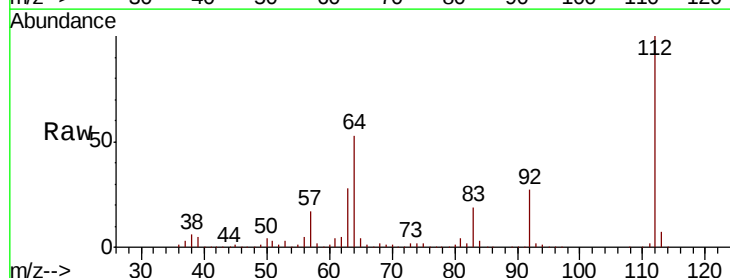
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



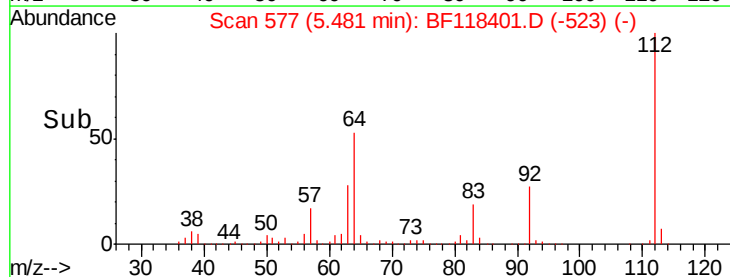
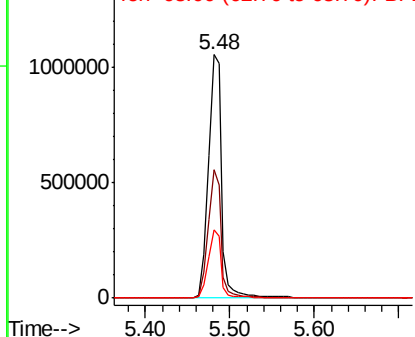
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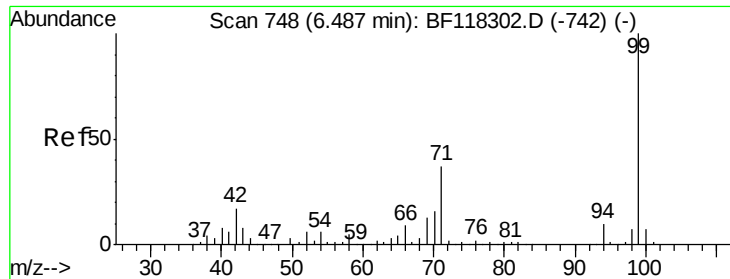
2-Fluorophenol
Concen: 142.669 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Tgt Ion:112 Resp: 1175628
Ion Ratio Lower Upper
112 100
64 52.7 39.7 59.5
63 28.2 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: 139.471 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Instrument :

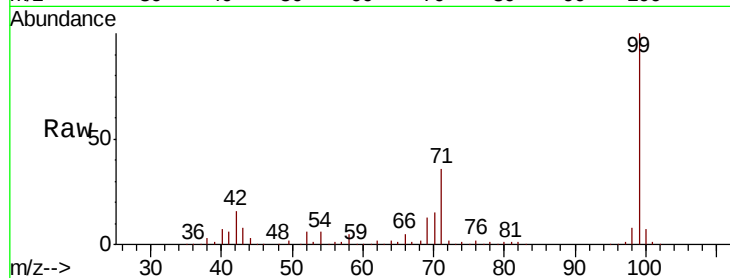
BNA_F

ClientSampleId :

PB125809BL

Tot Ion: 99 Resp: 1425700

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	36.0	29.4	44.2

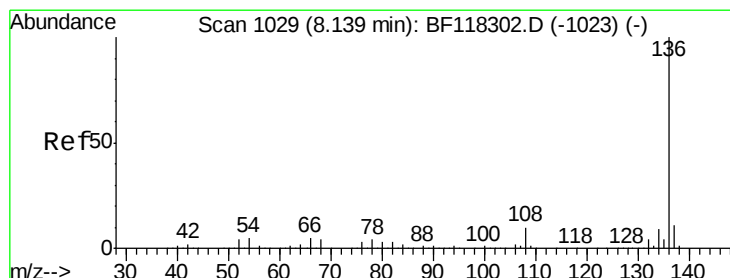
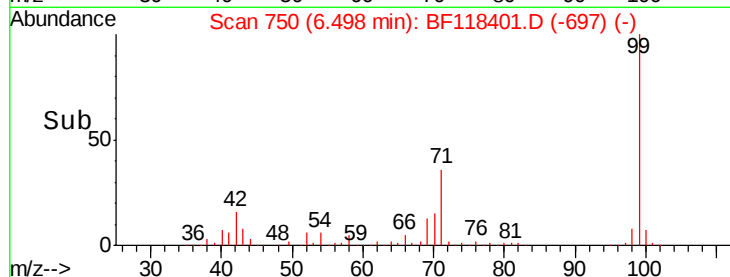
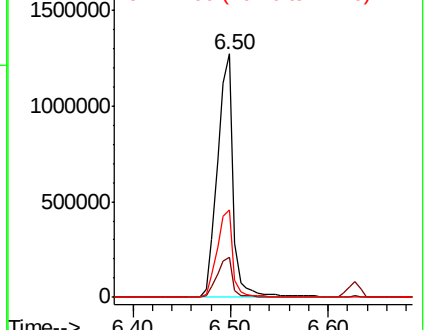


Abundance

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: 8.14 min Scan# 1029

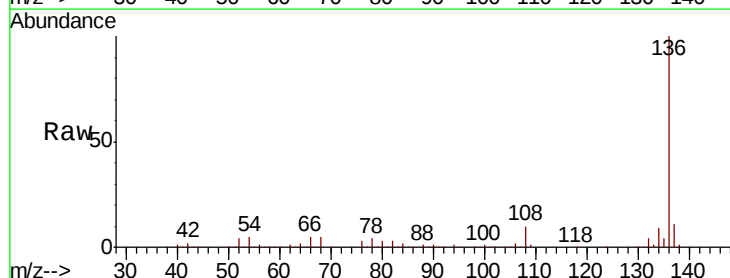
Delta R.T. 0.00 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Tgt Ion: 136 Resp: 541598

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.4	4.2	6.4
68	4.6	3.5	5.3



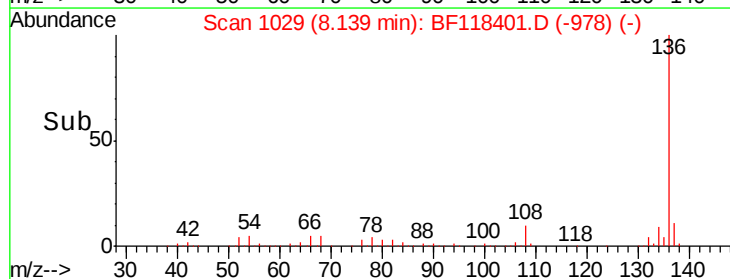
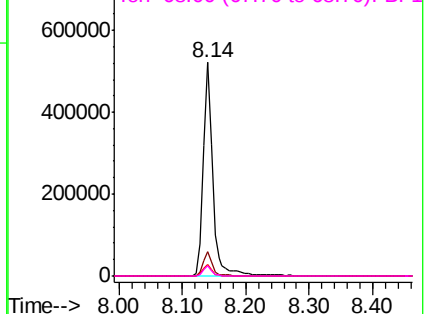
Abundance

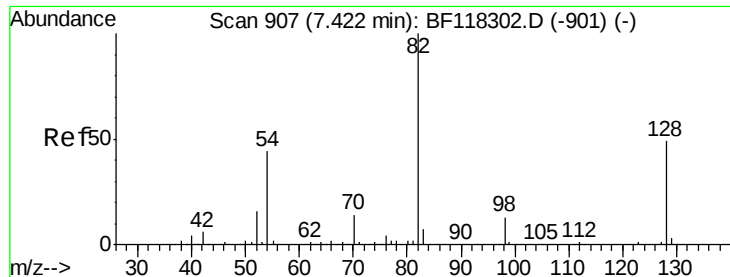
Ion 136.00 (135.70 to 136.70): E

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

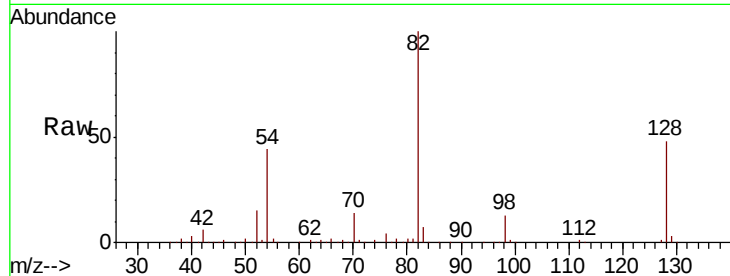




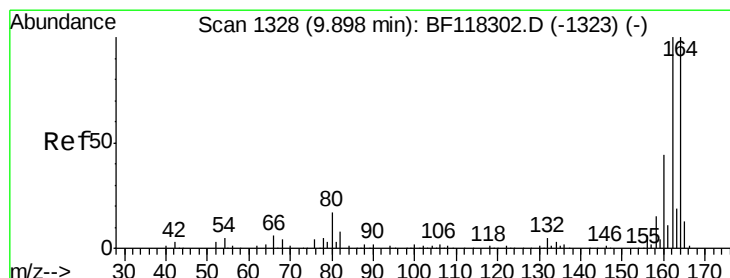
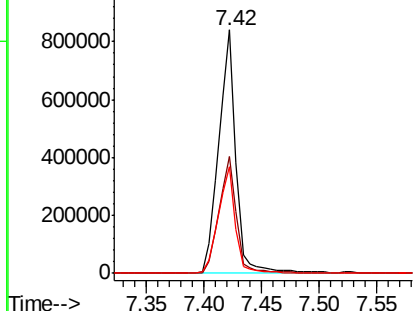
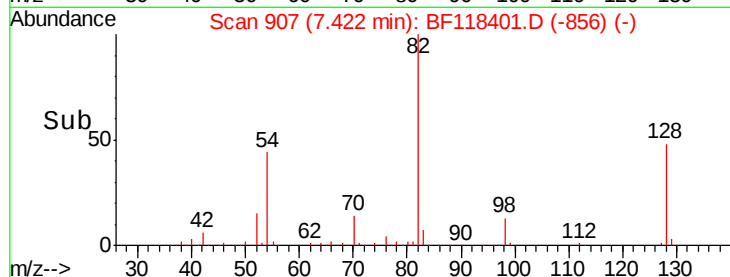
#23
Nitrobenzene-d5
Concen: 92.338 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Instrument :
BNA_F
ClientSampleId :
PB125809BL

Tot Ion: 82 Resp: 874384
Ion Ratio Lower Upper
82 100
128 48.1 39.6 59.4
54 43.8 34.9 52.3

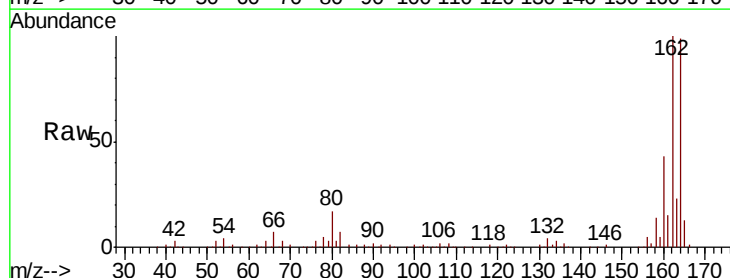


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

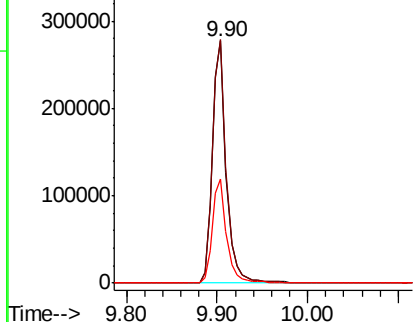
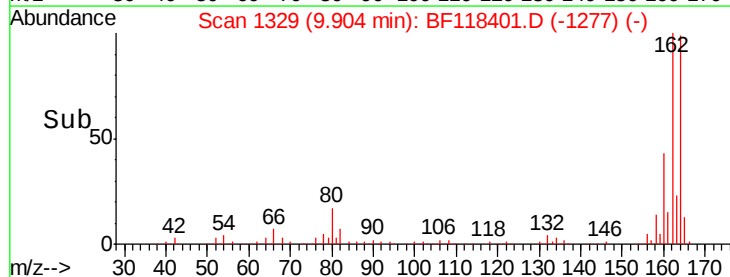


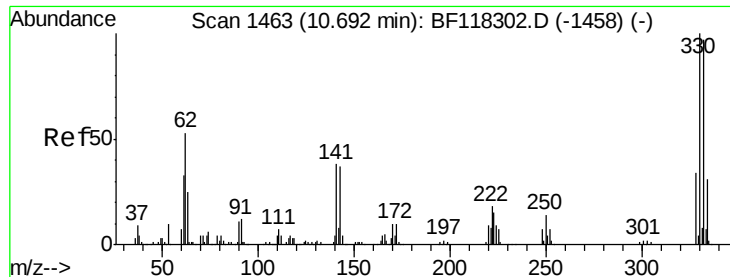
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Tgt Ion:164 Resp: 296779
Ion Ratio Lower Upper
164 100
162 100.7 80.0 120.0
160 43.2 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

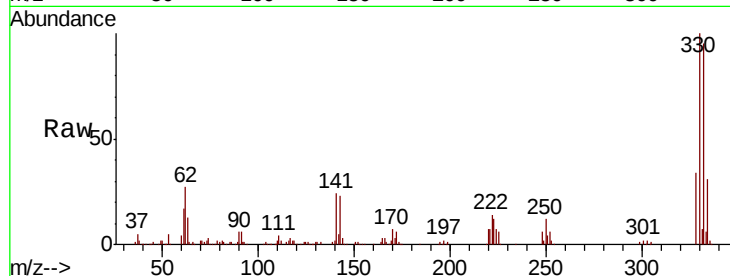




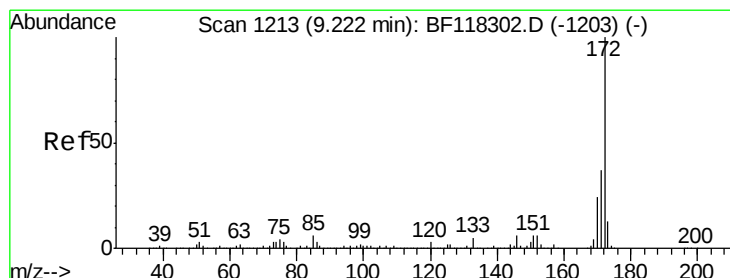
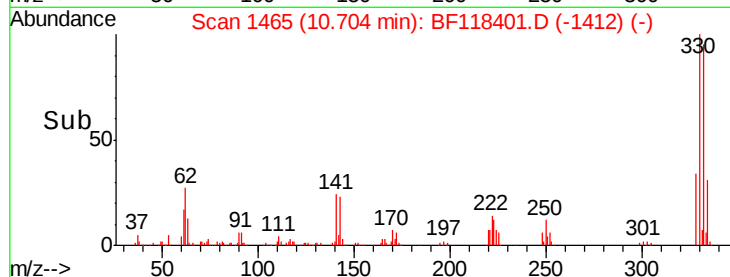
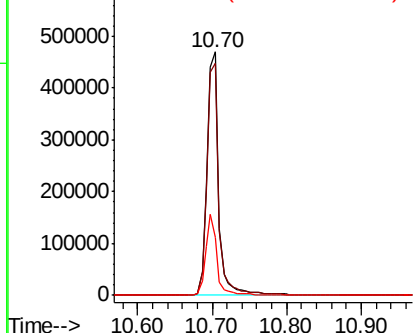
#42
 2,4,6-Tribromophenol
 Concen: 140.737 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125809BL

Tot Ion:330 Resp: 515802
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 31.5 26.0 39.0

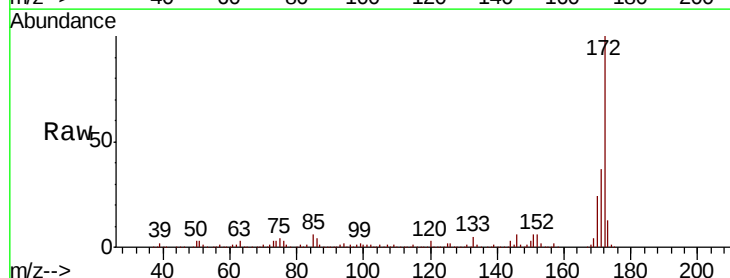


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

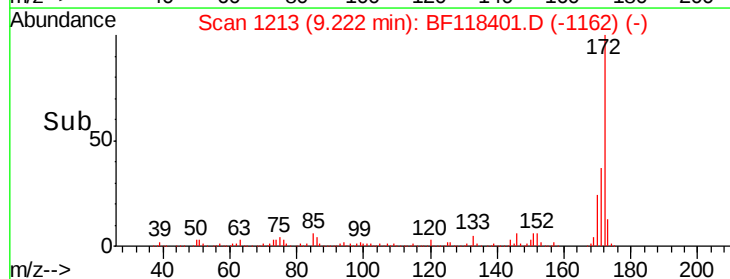
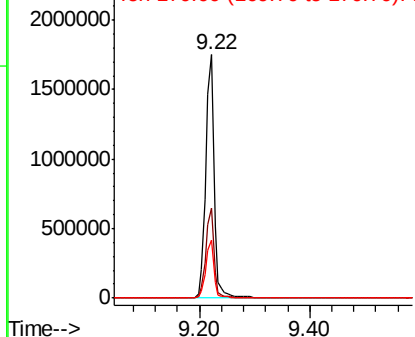


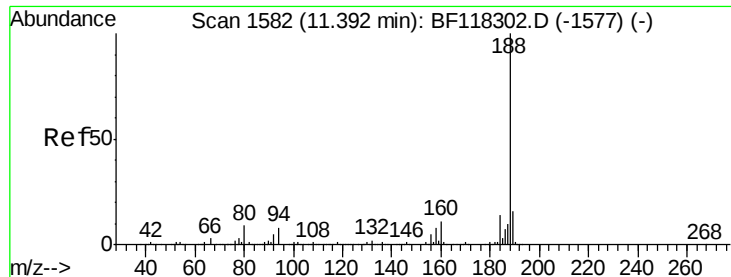
#45
 2-Fluorobiphenyl
 Concen: 92.369 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF118401.D
 Acq: 31 Dec 2019 13:10

Tgt Ion:172 Resp: 1795847
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.3 43.9
 170 23.6 19.2 28.8



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

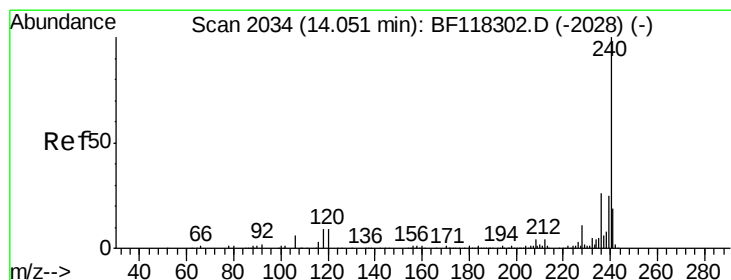
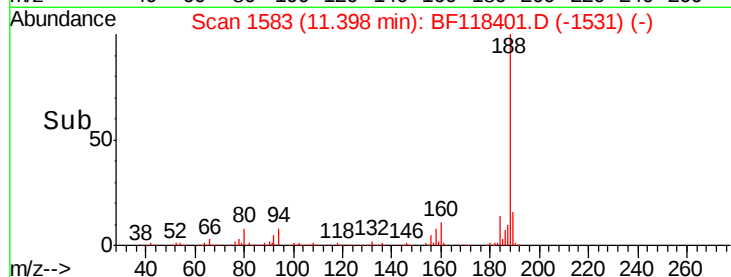
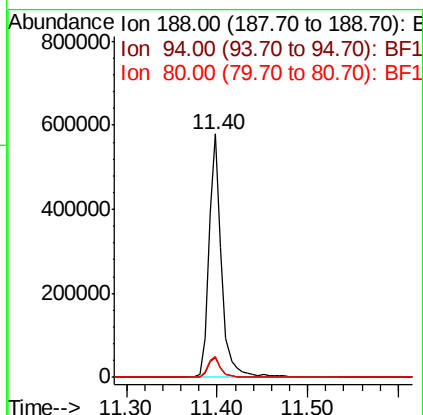
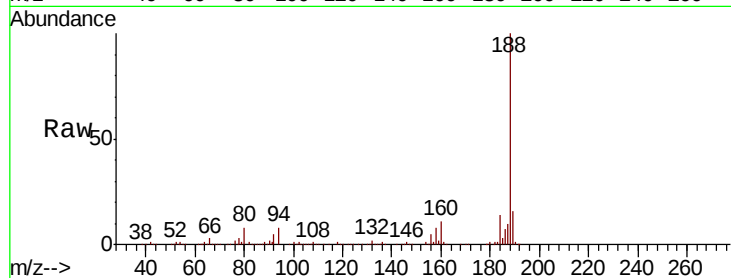




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

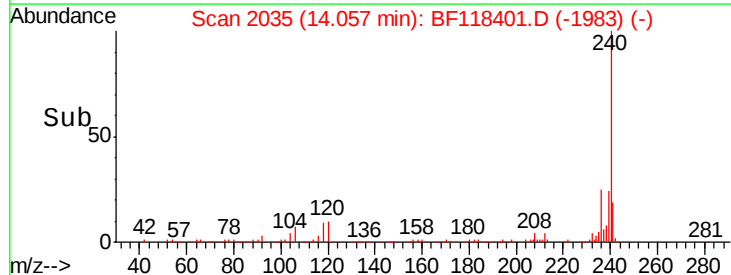
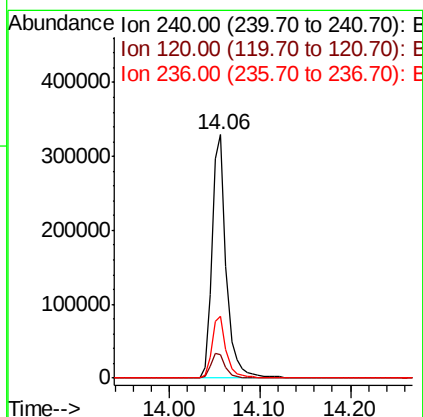
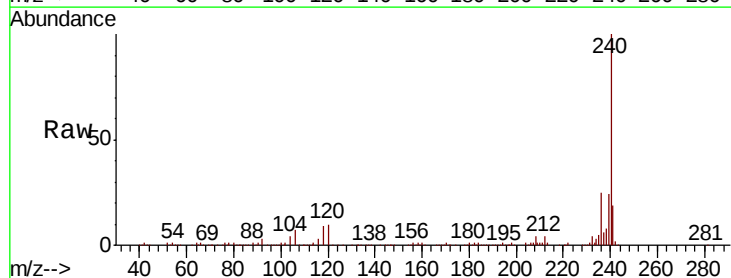
Instrument :
BNA_F
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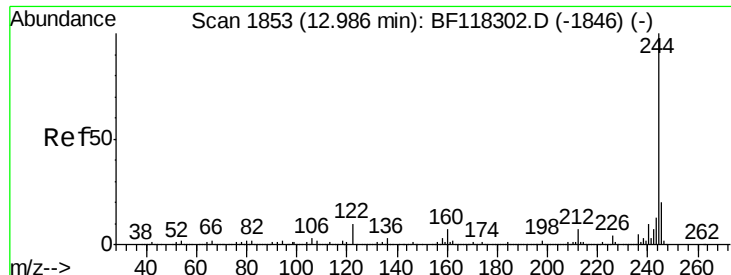
Tot Ion:188 Resp: 564871
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118401.D
Acq: 31 Dec 2019 13:10

Tgt Ion:240 Resp: 361158
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.4 21.0 31.6





#79

Terphenyl-d14

Concen: 101.589 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Instrument :

BNA_F

ClientSampleId :

PB125809BL

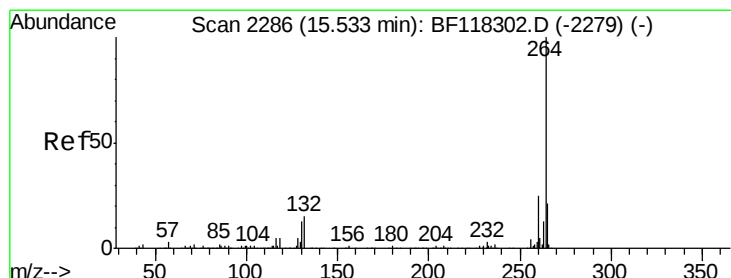
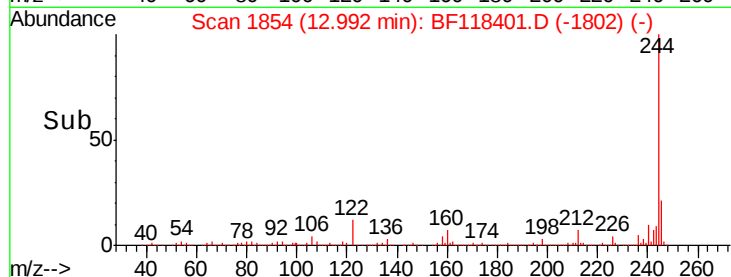
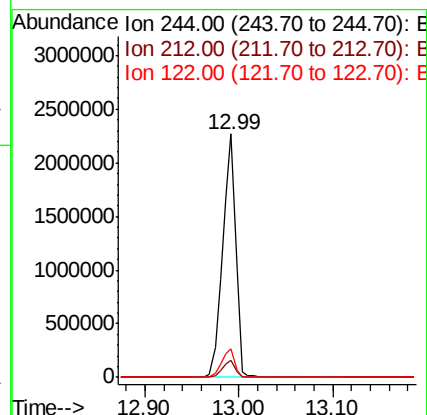
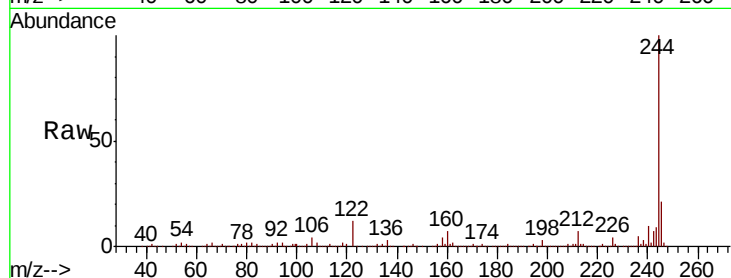
Tot Ion:244 Resp: 2211520

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 11.9 7.8 11.8#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118401.D

Acq: 31 Dec 2019 13:10

Tgt Ion:264 Resp: 301793

Ion Ratio Lower Upper

264 100

260 22.6 19.8 29.6

265 21.9 17.0 25.4

