

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118858.D
 Acq On : 7 Feb 2020 18:46
 Operator : CG/JU
 Sample : L1394-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MNR-WHITE-PLAINS-COMP

Quant Time: Feb 08 05:23:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	231615	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	887734	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	494972	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	836954	20.00	ng	0.00
76) Chrysene-d12	13.97	240	642344	20.00	ng	-0.01
87) Perylene-d12	15.42	264	711406	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1484227	121.30	ng	0.01
7) Phenol-d6	6.45	99	1609035	105.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	1272341	85.43	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	686218	115.87	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2578726	93.14	ng	0.00
79) Terphenyl-d14	12.92	244	2591803	82.88	ng	0.00

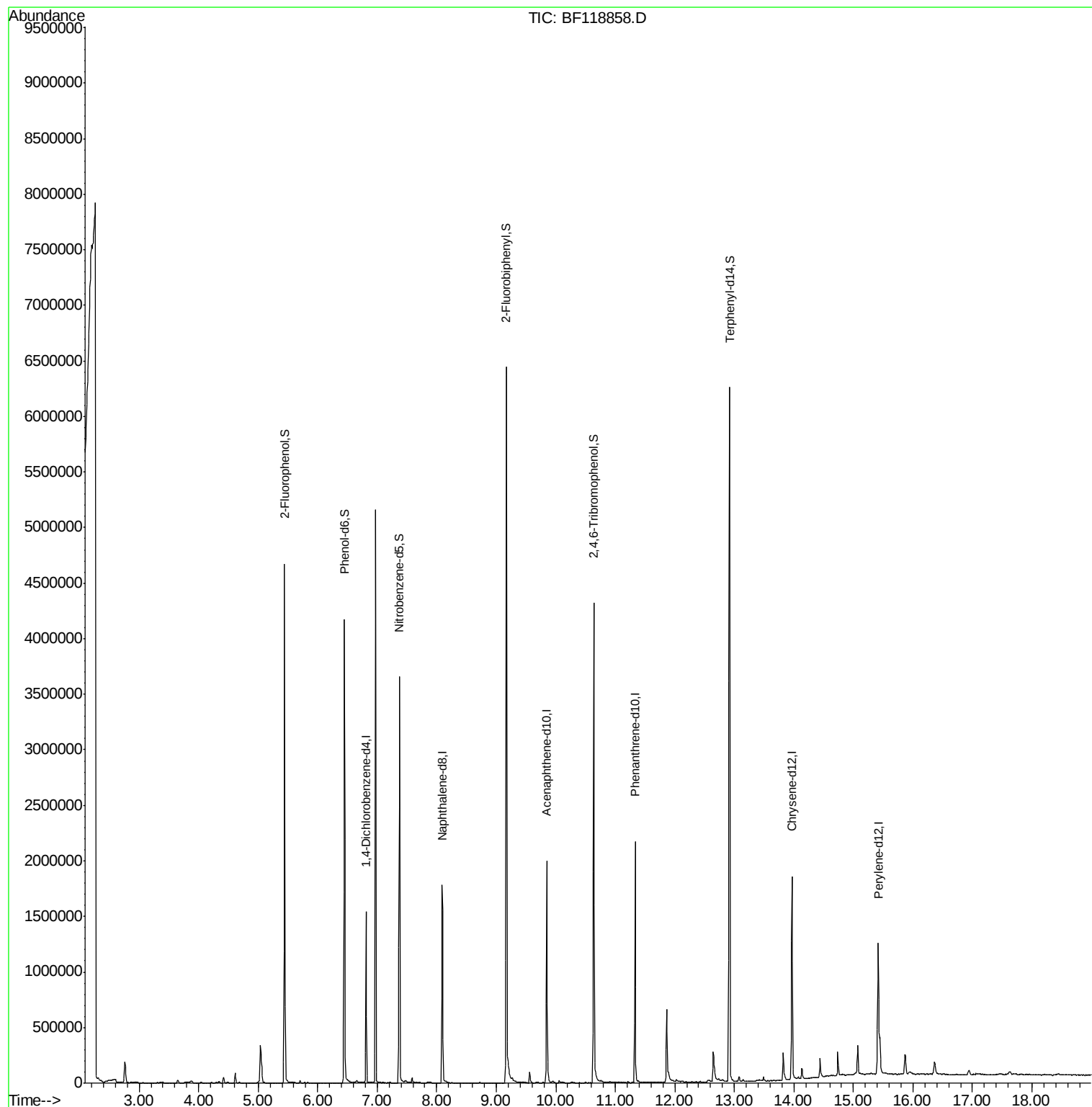
Target Compounds Qvalue

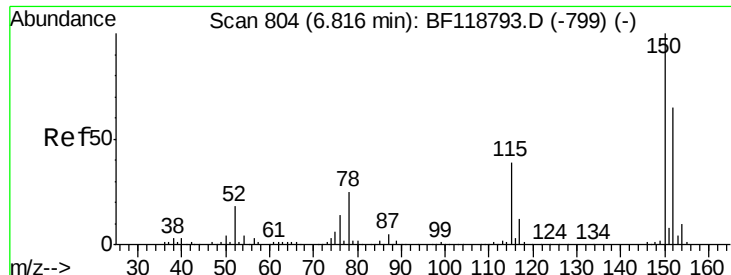
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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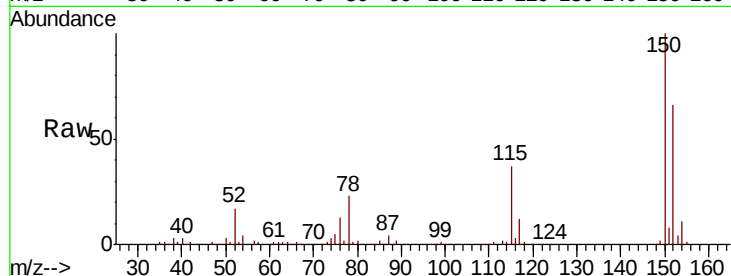


#1

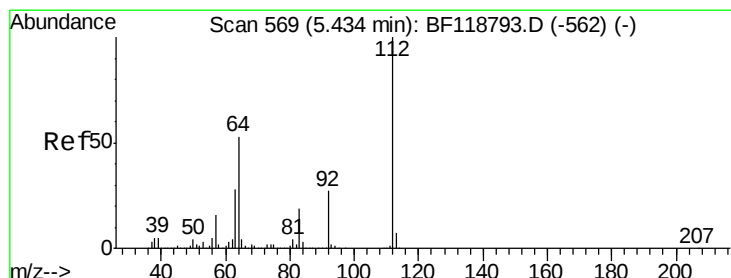
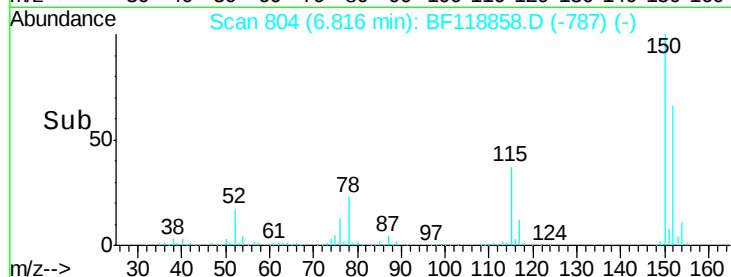
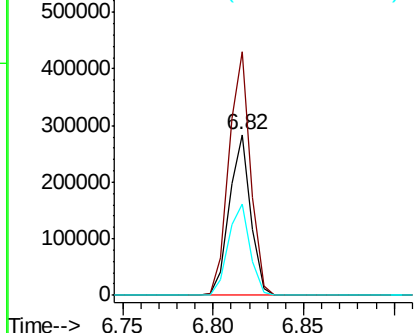
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF118858.D
Acq: 7 Feb 2020 18:46

Instrument :
BNA_F
ClientSampleId :
MNR-WHITE-PLAINS-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	123.6	185.4
115	56.5	48.2	72.2



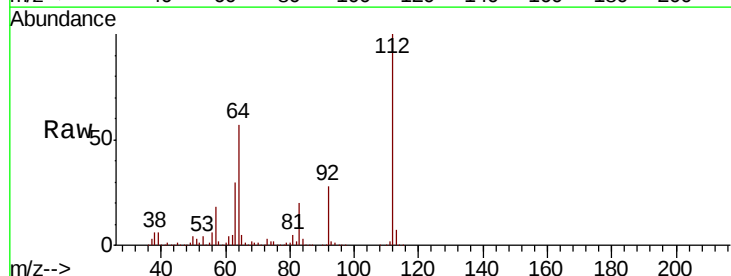
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



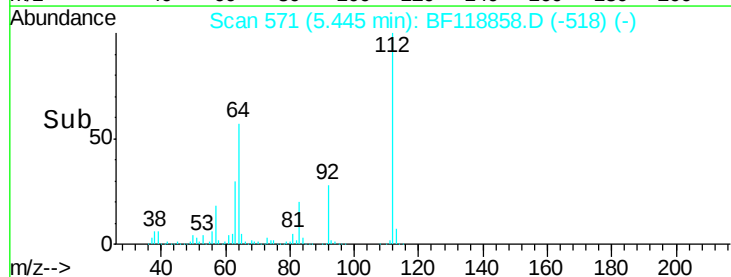
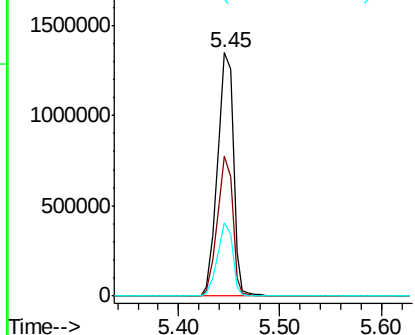
#5

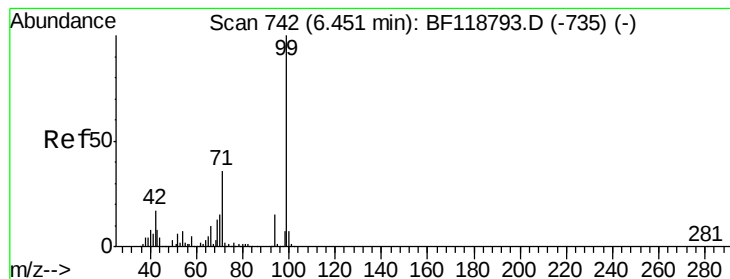
2-Fluorophenol
Concen: 121.302 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF118858.D
Acq: 7 Feb 2020 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	42.6	63.8
63	30.4	22.2	33.4



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: 105.934 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118858.D

Acq: 7 Feb 2020 18:46

Instrument :

BNA_F

ClientSampleId :

MNR-WHITE-PLAINS-COMP

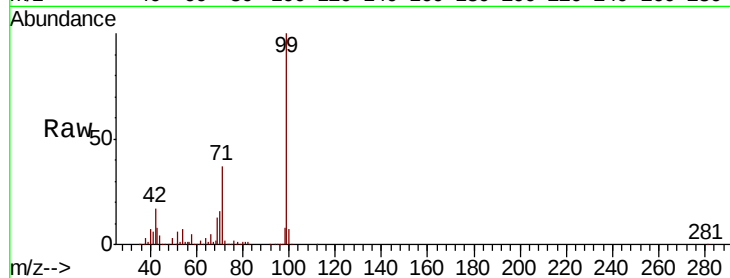
Tot Ion: 99 Resp: 1609035

Ion Ratio Lower Upper

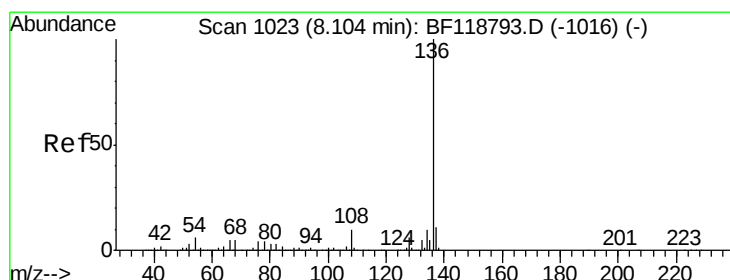
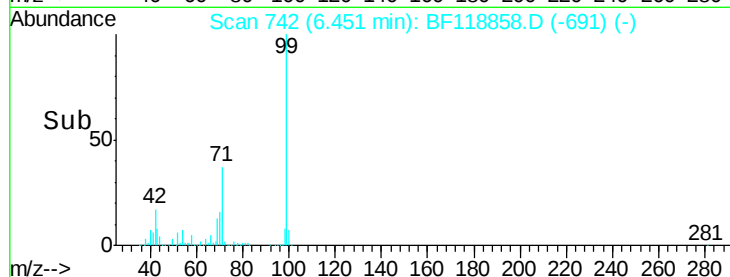
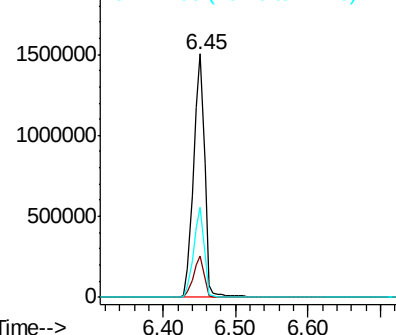
99 100

42 17.1 13.4 20.0

71 37.0 29.0 43.6



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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118858.D

Acq: 7 Feb 2020 18:46

Tgt Ion: 136 Resp: 887734

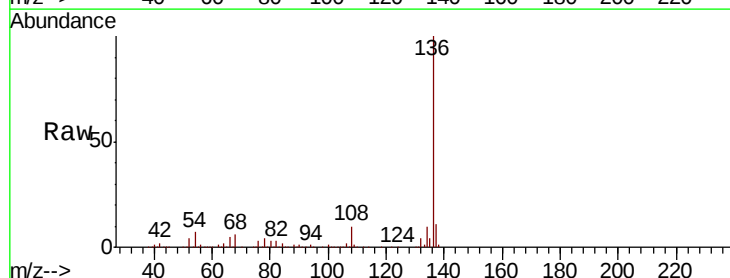
Ion Ratio Lower Upper

136 100

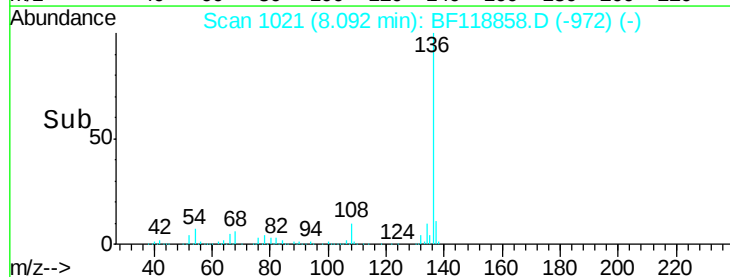
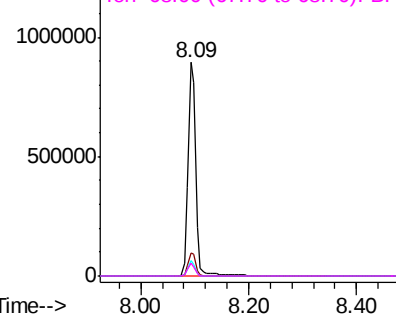
137 11.0 8.7 13.1

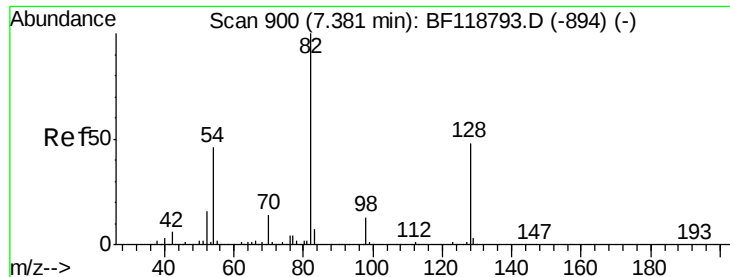
54 7.1 5.0 7.6

68 6.1 4.2 6.4



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

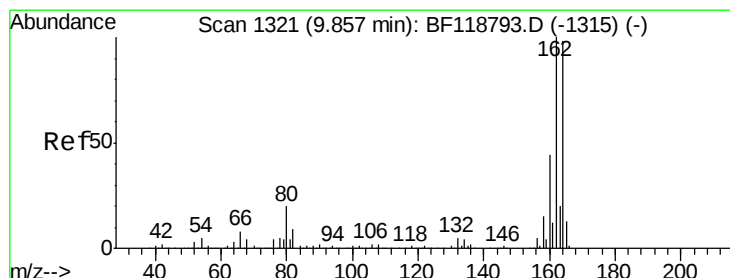
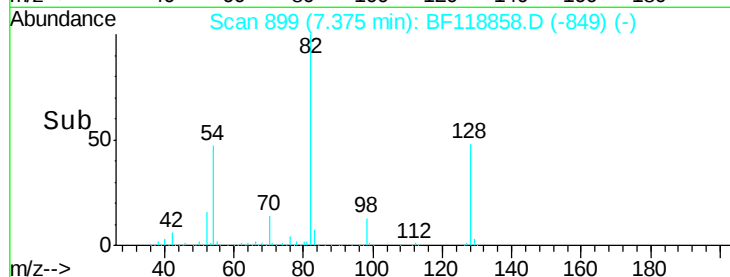
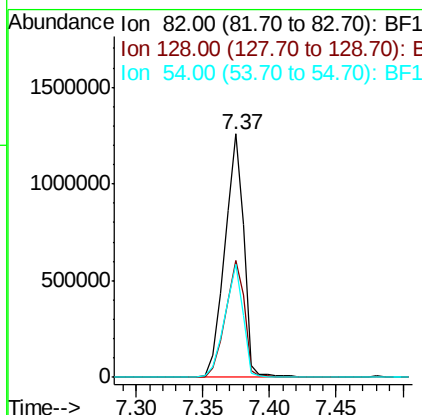
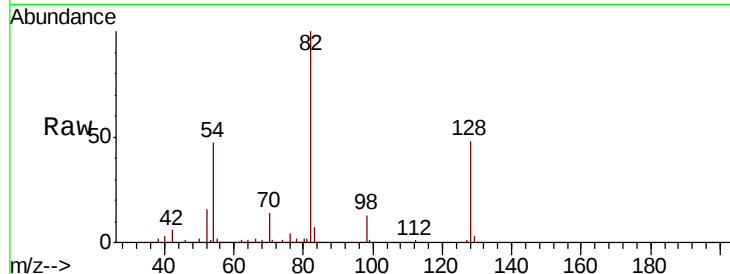




#23
Nitrobenzene-d5
Concen: 85.429 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118858.D
Acq: 7 Feb 2020 18:46

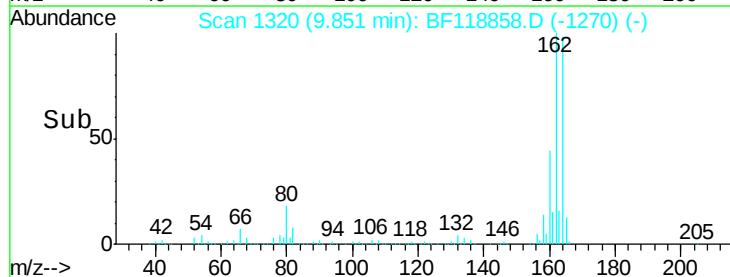
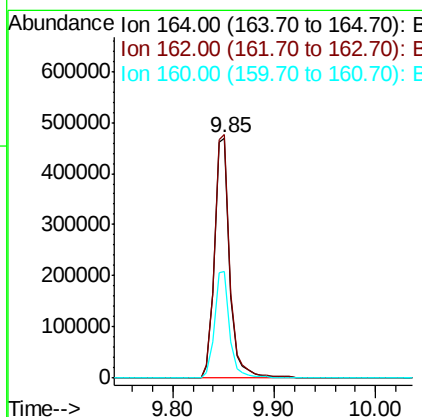
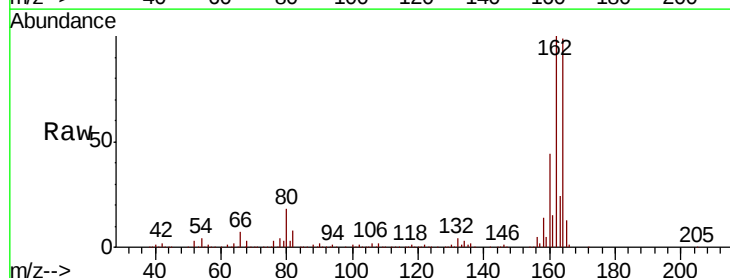
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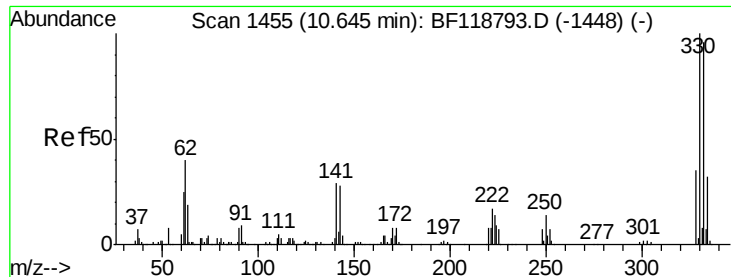
Tot Ion: 82 Resp: 1272341
Ion Ratio Lower Upper
82 100
128 48.0 38.5 57.7
54 46.5 36.7 55.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF118858.D
Acq: 7 Feb 2020 18:46

Tgt Ion:164 Resp: 494972
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.2
160 44.6 35.6 53.4

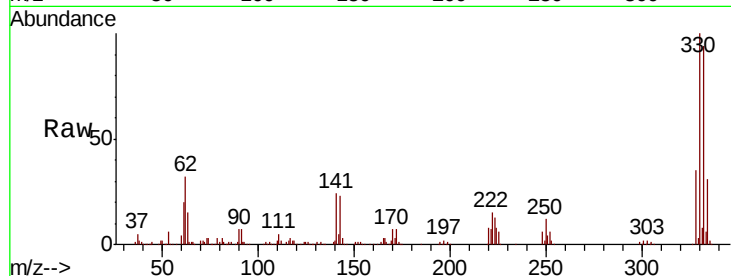




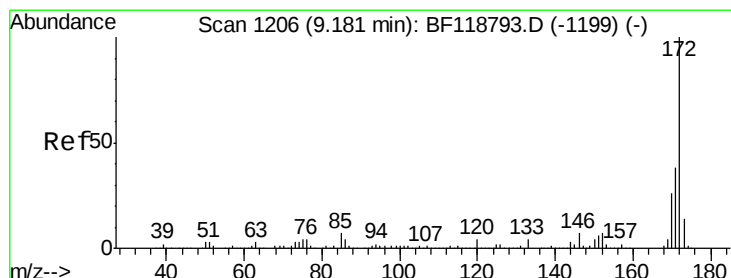
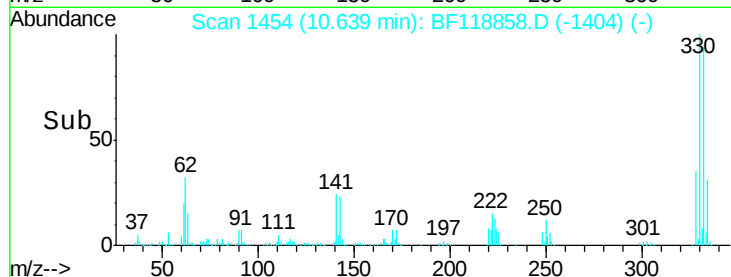
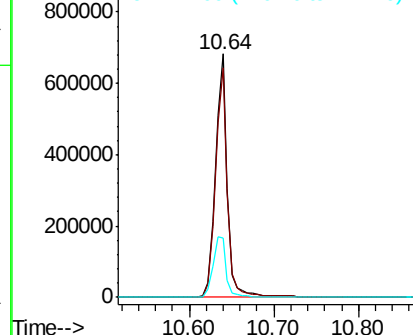
#42
 2,4,6-Tribromophenol
 Concen: 115.867 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118858.D
 Acq: 7 Feb 2020 18:46

Instrument :
 BNA_F
 ClientSampleId :
 MNR-WHITE-PLAINS-COMP

Tot Ion:330 Resp: 686218
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 27.8 22.4 33.6

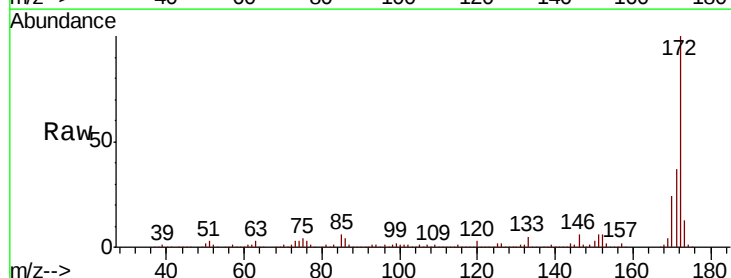


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

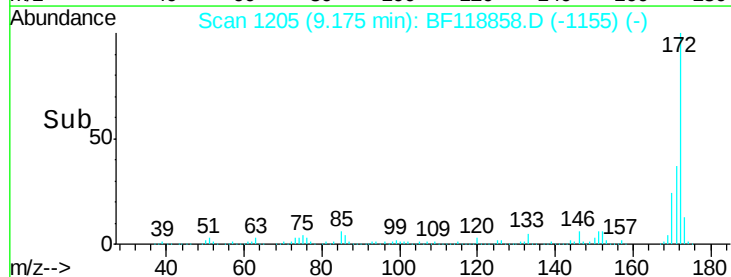
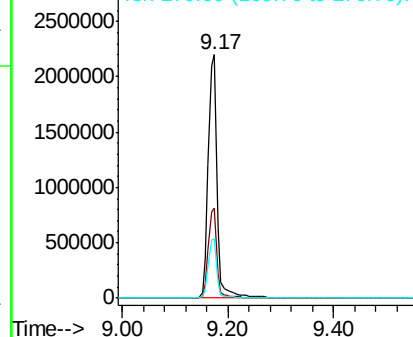


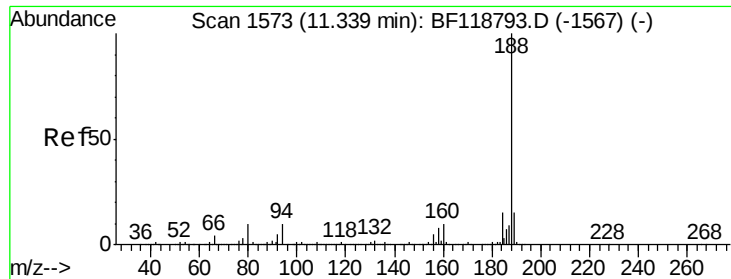
#45
 2-Fluorobiphenyl
 Concen: 93.136 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF118858.D
 Acq: 7 Feb 2020 18:46

Tgt Ion:172 Resp: 2578726
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.8 46.2
 170 24.5 20.5 30.7



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

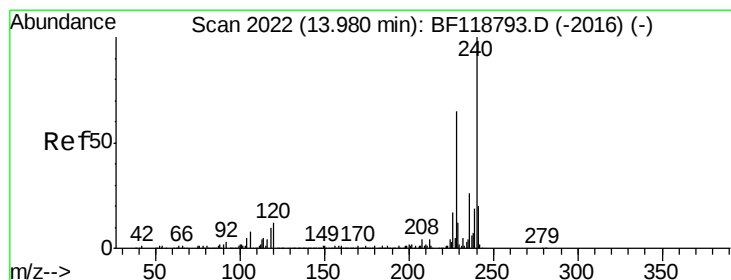
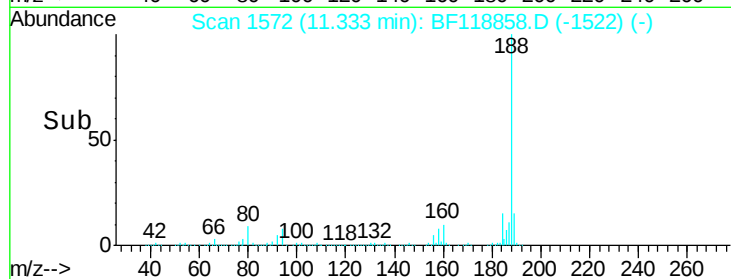
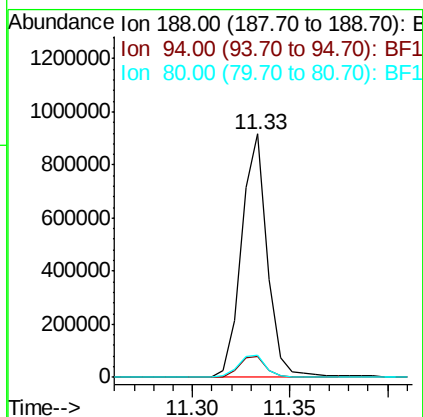
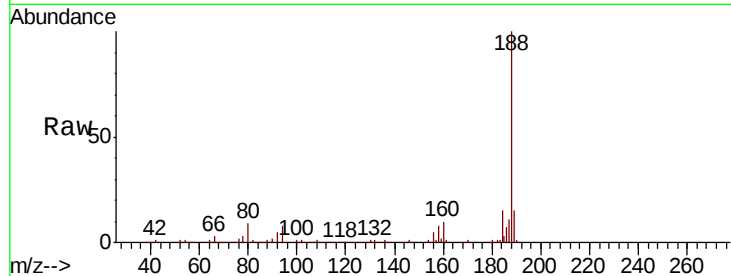




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF118858.D
Acq: 7 Feb 2020 18:46

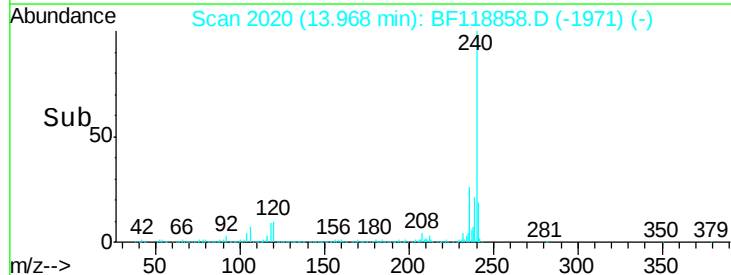
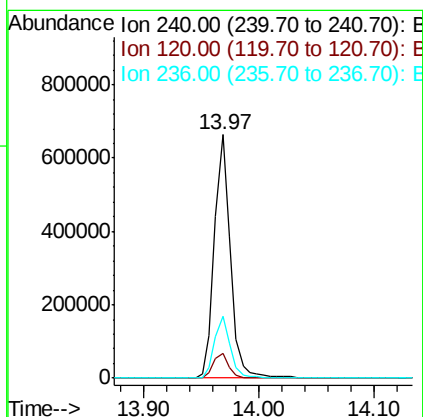
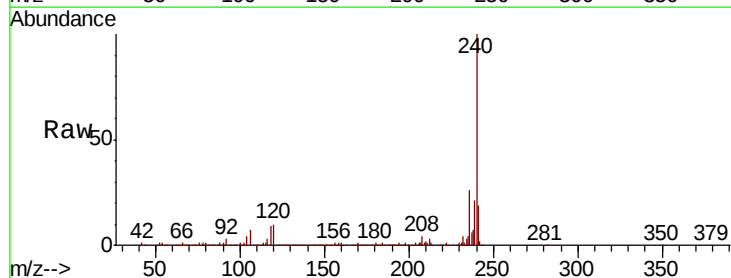
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MNR-WHITE-PLAINS-COMP

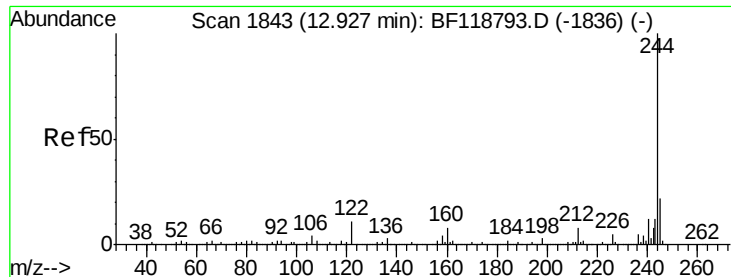
Tot Ion:188 Resp: 836954
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.1 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118858.D
Acq: 7 Feb 2020 18:46

Tgt Ion:240 Resp: 642344
Ion Ratio Lower Upper
240 100
120 10.1 9.4 14.0
236 25.5 21.0 31.6

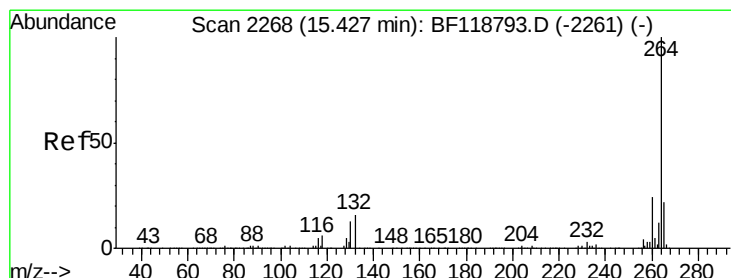
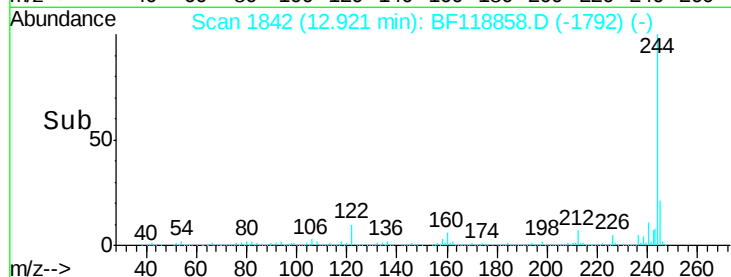
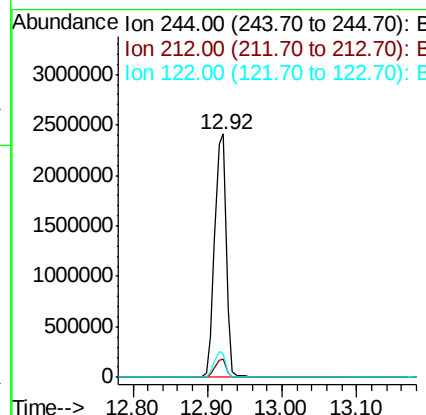
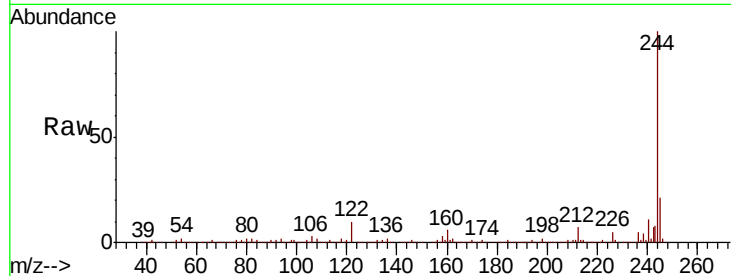




#79
 Terphenyl-d14
 Concen: 82.879 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: BF118858.D
 Acq: 7 Feb 2020 18:46

Instrument :
 BNA_F
 ClientSampleId :
 MNR-WHITE-PLAINS-COMP

Tot Ion:244 Resp: 2591803
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.5 9.7
 122 9.6 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF118858.D
 Acq: 7 Feb 2020 18:46

Tgt Ion:264 Resp: 711406
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.5 17.2 25.8

