

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021120\
 Data File : BF118897.D
 Acq On : 11 Feb 2020 21:32
 Operator : CG/JU
 Sample : L1438-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-S-SB-01

Quant Time: Feb 12 07:43:29 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	6.80	152	243144	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	1024788	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	602688	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	1190982	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	638973	20.00	ng	-0.02
87) Perylene-d12	15.42	264	624420	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1642478	127.87	ng	0.00
7) Phenol-d6	6.45	99	1818930	114.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	1609060	93.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	1011061	140.20	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	3092998	91.74	ng	-0.02
79) Terphenyl-d14	12.92	244	4110035	132.12	ng	0.00

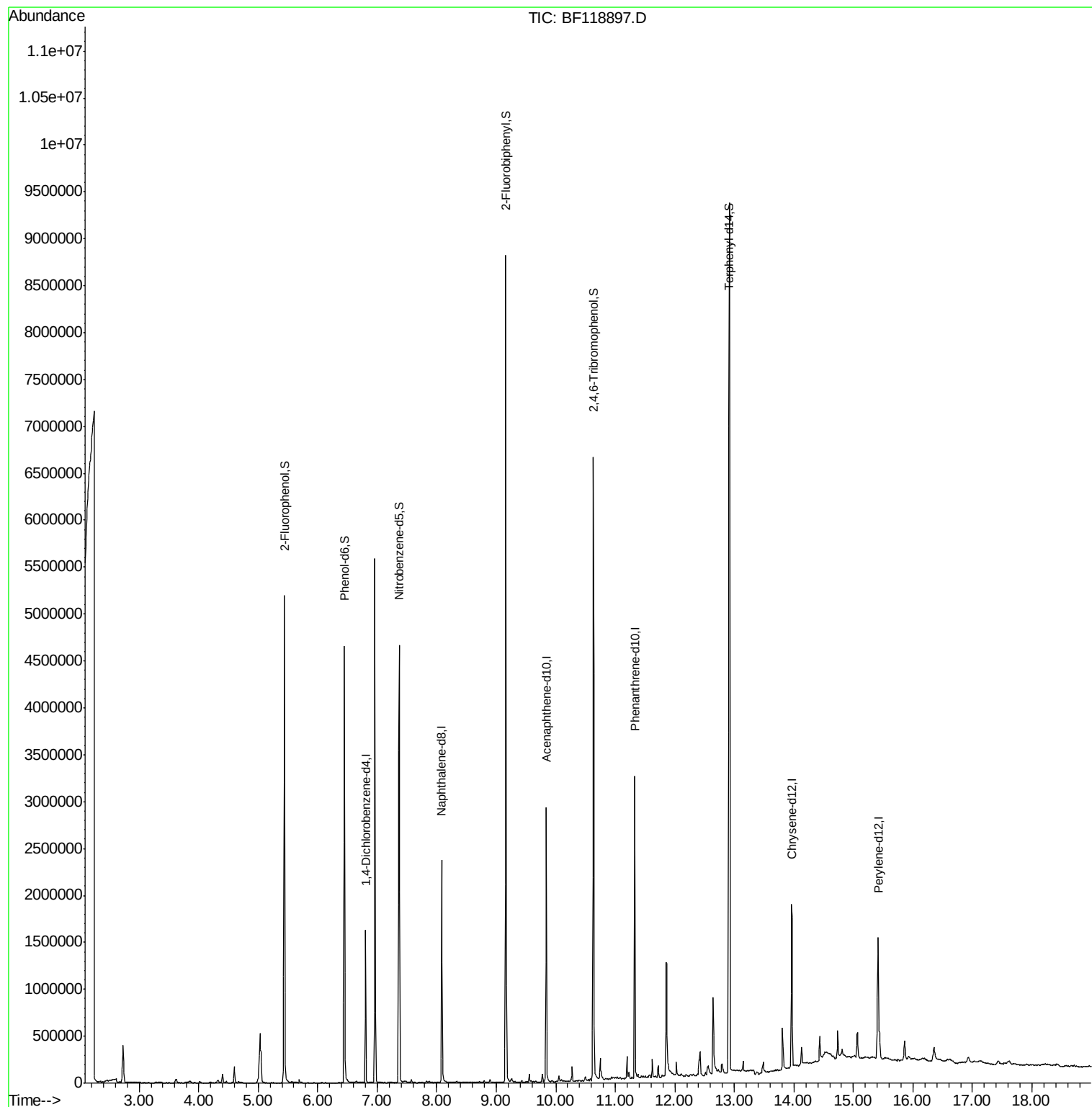
Target Compounds Qvalue

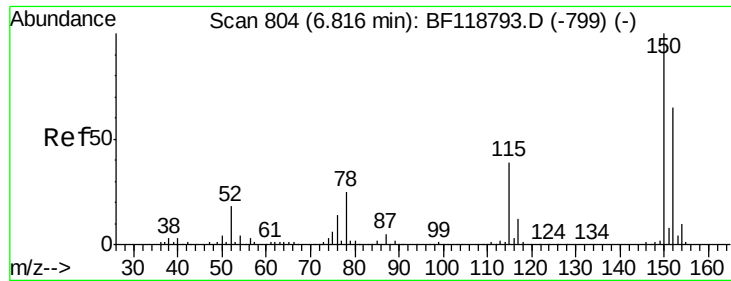
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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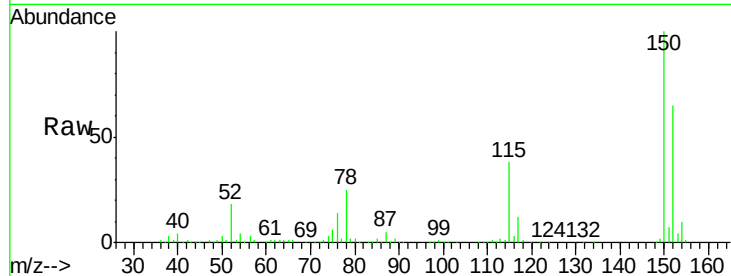


#1

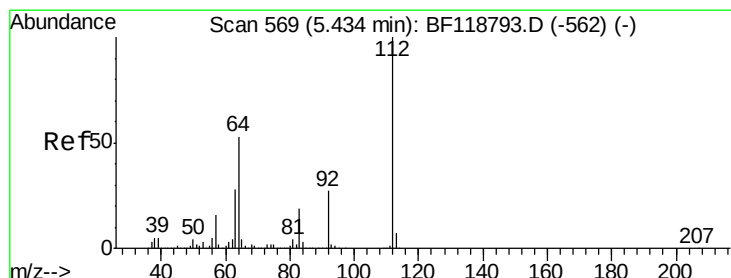
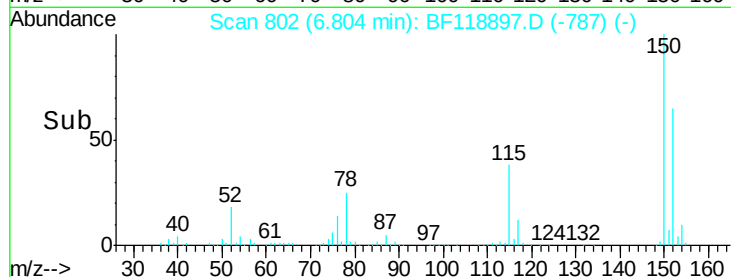
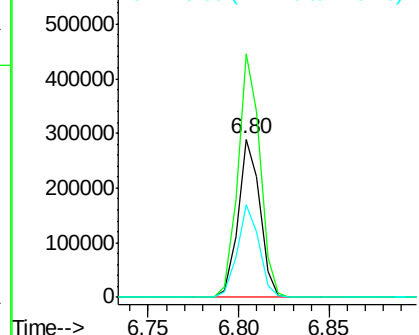
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

Instrument :
BNA_F
ClientSampleId :
HAM-WC-S-SB-01

Tot Ion:152 Resp: 243144
Ion Ratio Lower Upper
152 100
150 154.0 123.6 185.4
115 58.7 48.2 72.2



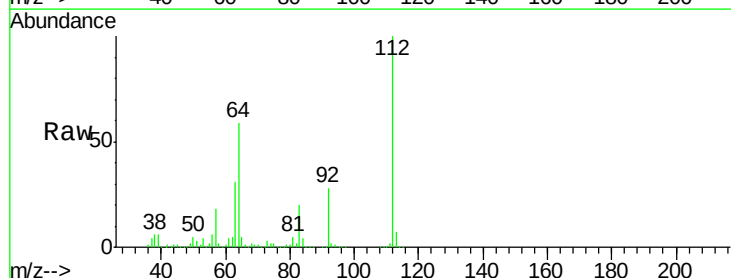
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



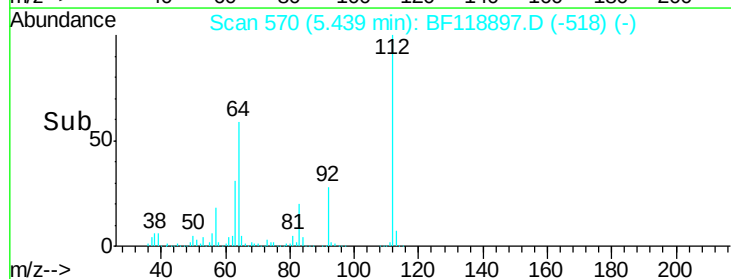
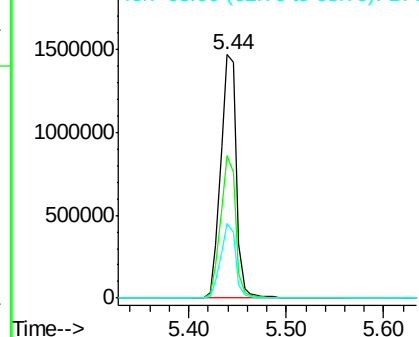
#5

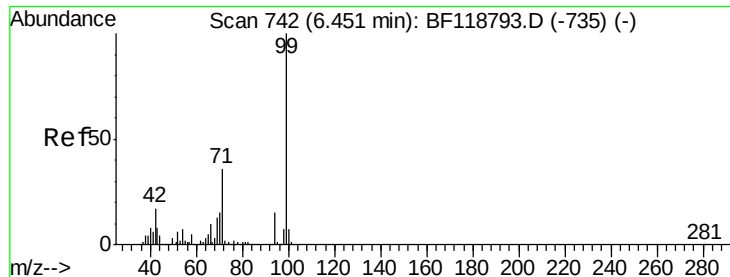
2-Fluorophenol
Concen: 127.870 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF118897.D
Acq: 11 Feb 2020 21:32

Tgt Ion:112 Resp: 1642478
Ion Ratio Lower Upper
112 100
64 58.6 42.6 63.8
63 30.7 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: 114.075 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

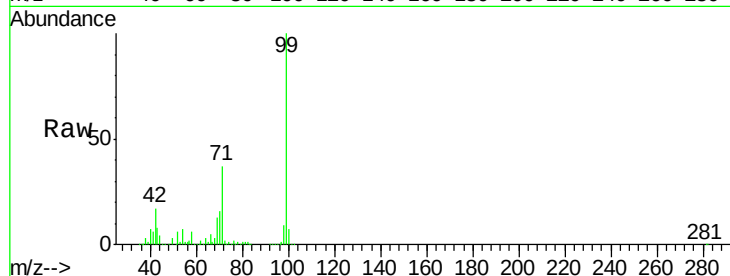
Tot Ion: 99 Resp: 1818930

Ion Ratio Lower Upper

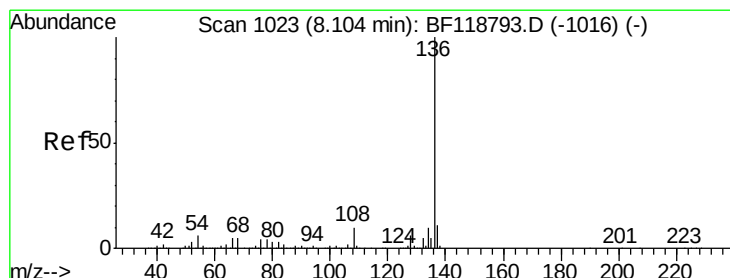
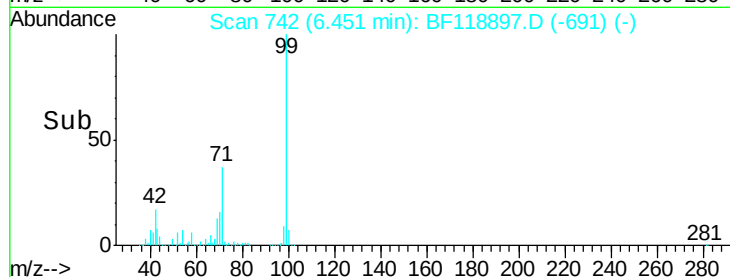
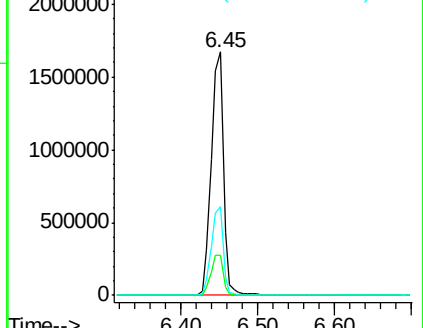
99 100

42 16.6 13.4 20.0

71 36.5 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# 1020

Delta R.T. -0.02 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Tgt Ion: 136 Resp: 1024788

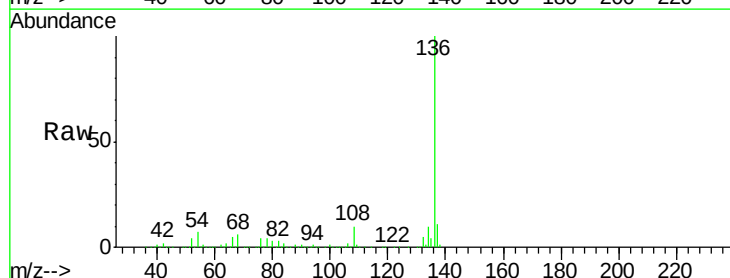
Ion Ratio Lower Upper

136 100

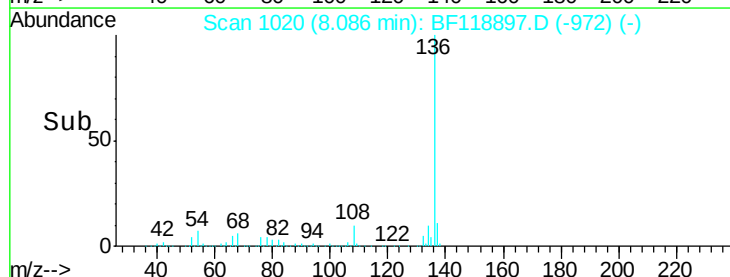
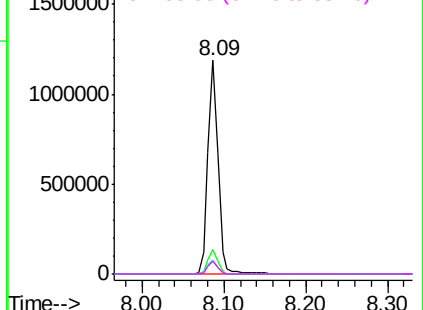
137 11.2 8.7 13.1

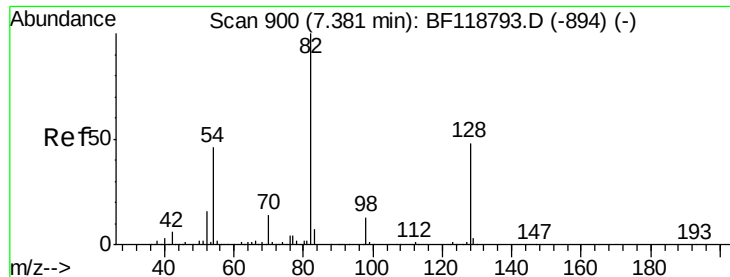
54 6.8 5.0 7.6

68 6.0 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

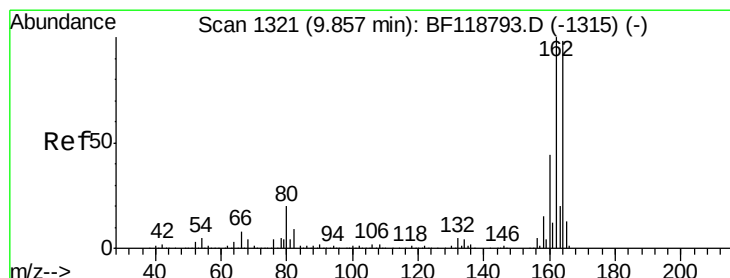
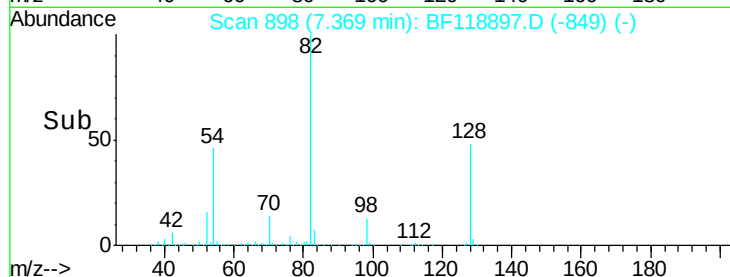
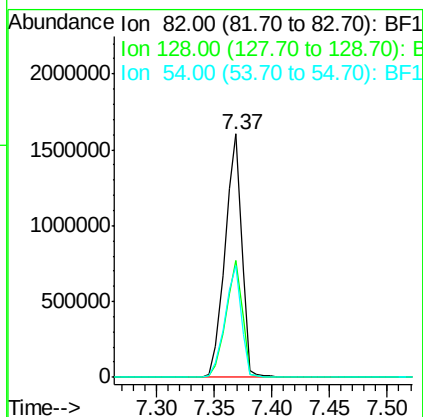
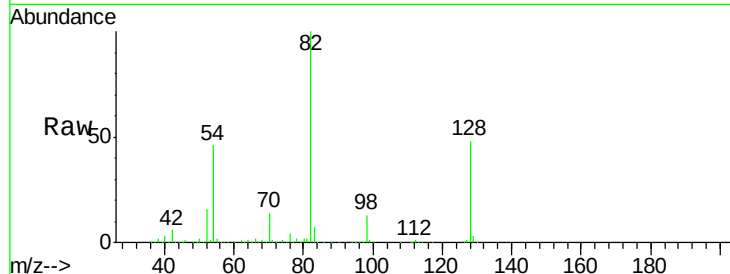




#23
 Nitrobenzene-d5
 Concen: 93.588 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF118897.D
 Acq: 11 Feb 2020 21:32

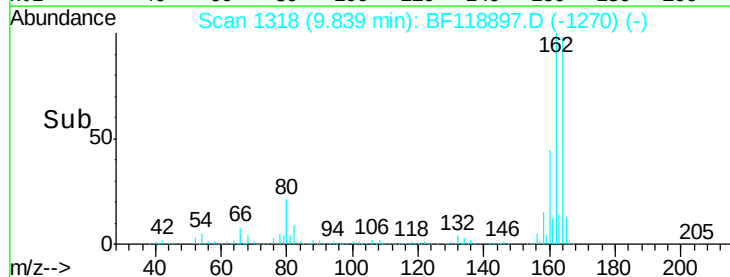
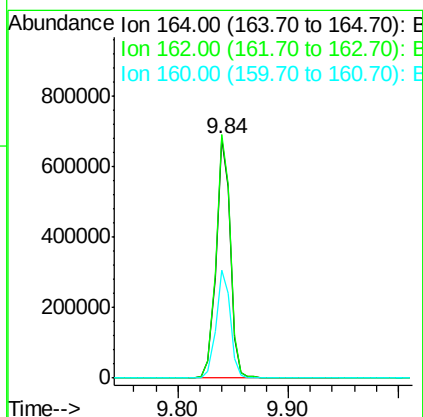
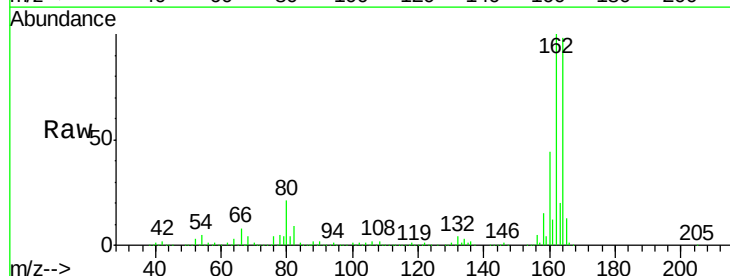
Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-S-SB-01

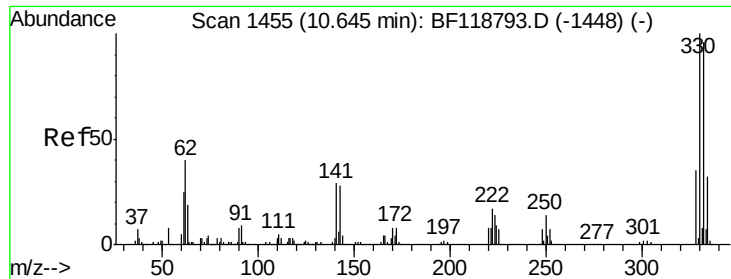
Tot Ion: 82 Resp: 1609060
 Ion Ratio Lower Upper
 82 100
 128 47.9 38.5 57.7
 54 46.1 36.7 55.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF118897.D
 Acq: 11 Feb 2020 21:32

Tgt Ion:164 Resp: 602688
 Ion Ratio Lower Upper
 164 100
 162 101.7 81.4 122.2
 160 45.0 35.6 53.4

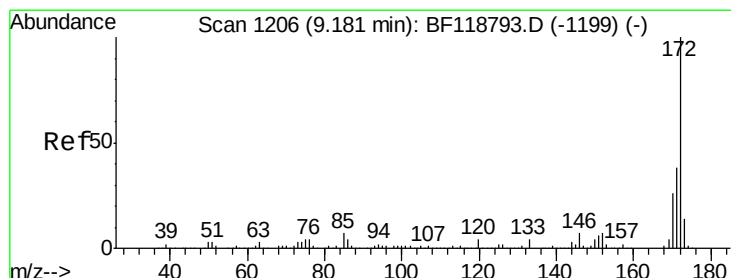
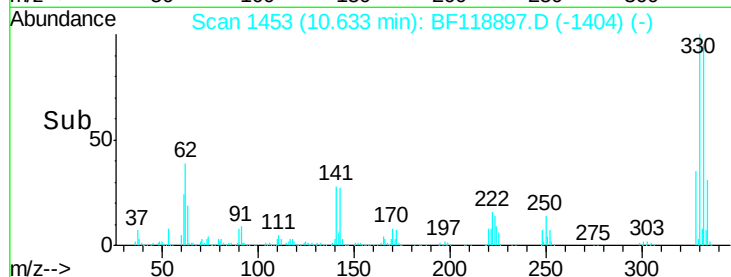
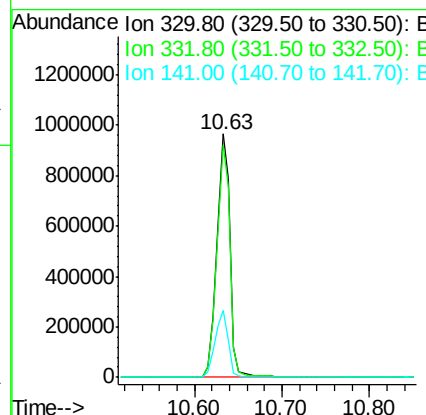
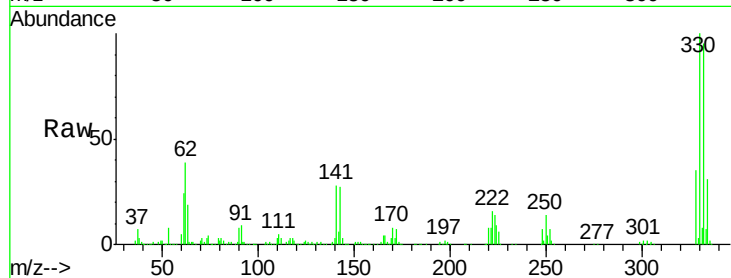




#42
 2,4,6-Tribromophenol
 Concen: 140.205 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118897.D
 Acq: 11 Feb 2020 21:32

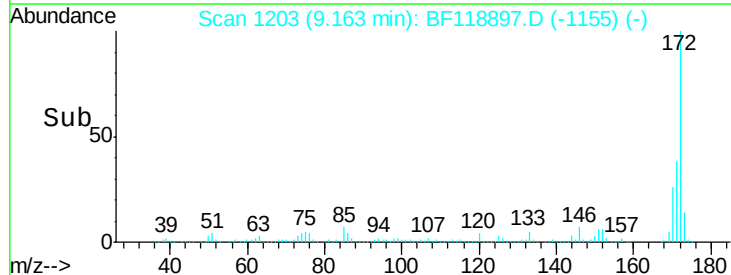
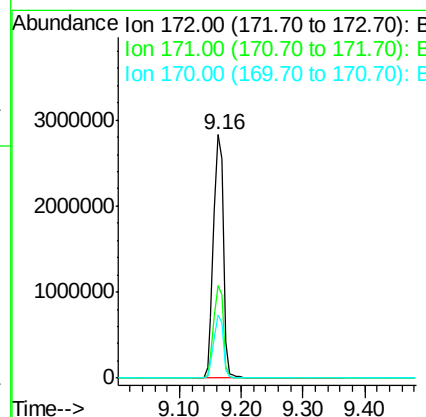
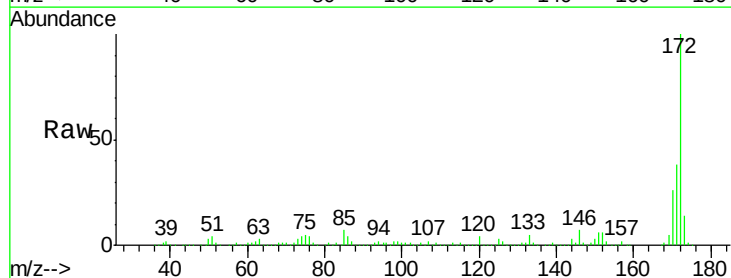
Instrument :
 BNA_F
 ClientSampleId :
 HAM-WC-S-SB-01

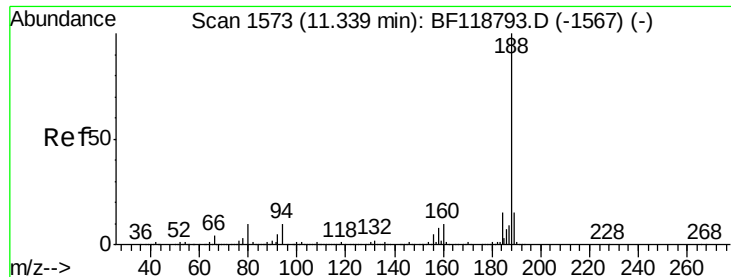
Tot Ion:330 Resp: 1011061
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.3 115.9
 141 27.6 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 91.745 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF118897.D
 Acq: 11 Feb 2020 21:32

Tgt Ion:172 Resp: 3092998
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 25.8 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

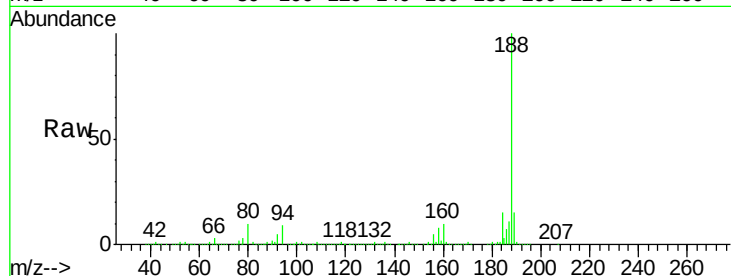
Tot Ion:188 Resp: 1190982

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

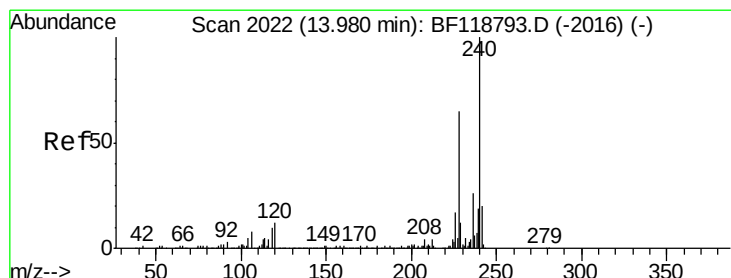
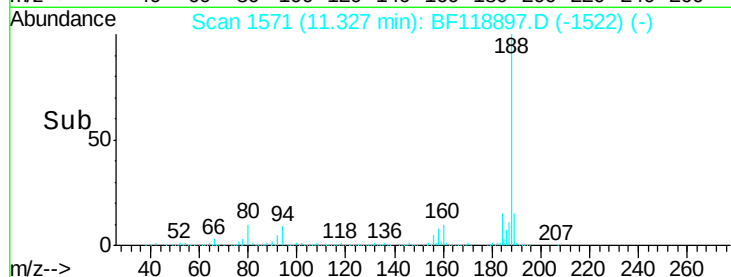
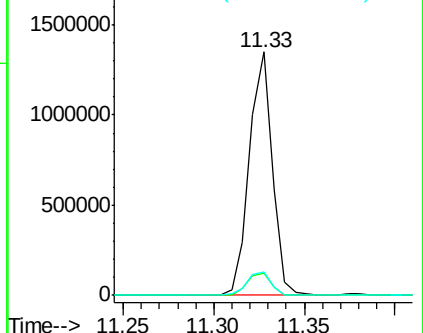
80 9.5 8.4 12.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

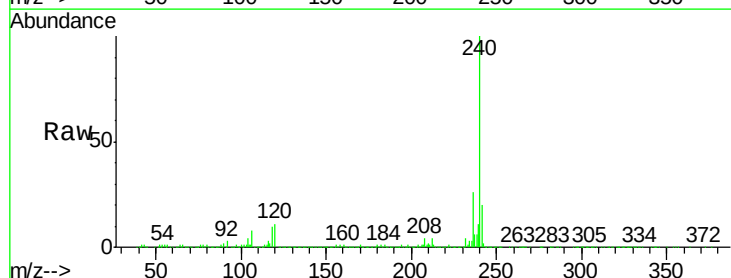
Tgt Ion:240 Resp: 638973

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.0

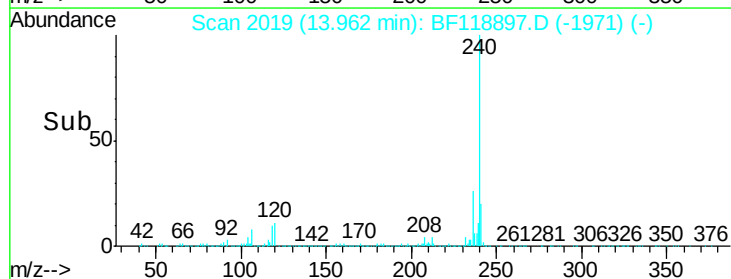
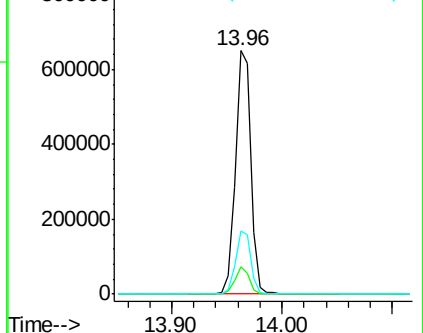
236 25.9 21.0 31.6

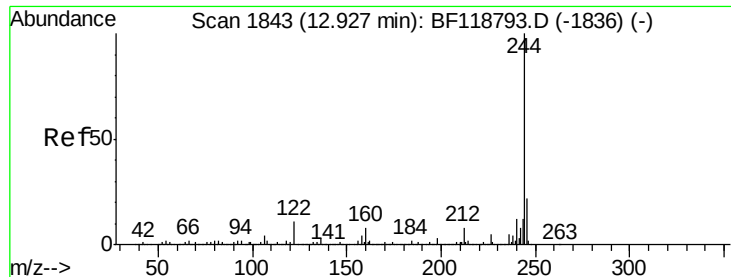


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 132.121 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

Instrument :

BNA_F

ClientSampleId :

HAM-WC-S-SB-01

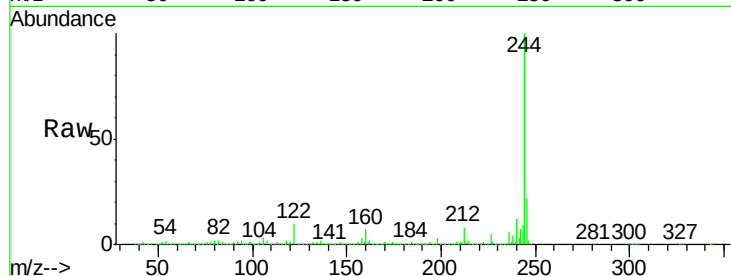
Tot Ion:244 Resp: 4110035

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

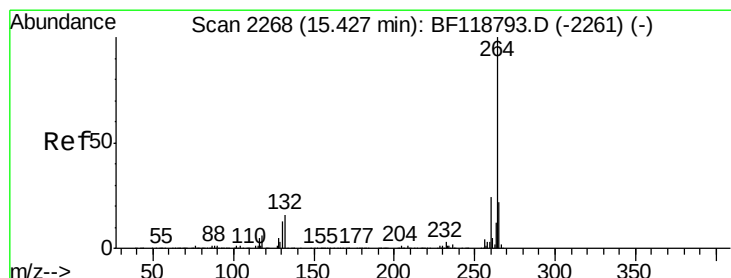
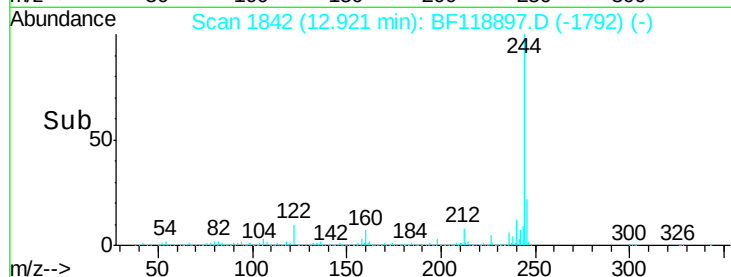
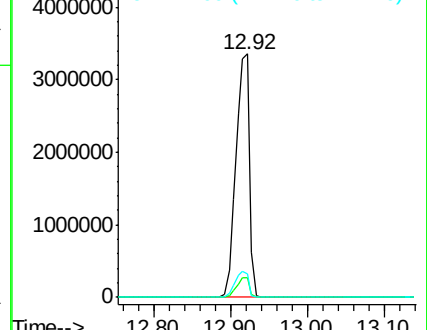
122 9.6 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118897.D

Acq: 11 Feb 2020 21:32

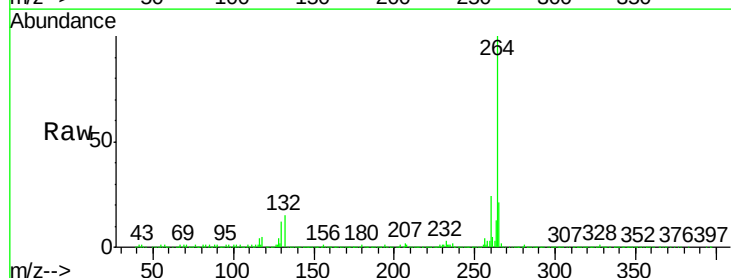
Tgt Ion:264 Resp: 624420

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.2 17.2 25.8



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

