

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118930.D
 Acq On : 13 Feb 2020 20:27
 Operator : CG/JU
 Sample : L1493-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-C

Quant Time: Feb 14 02:21:32 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

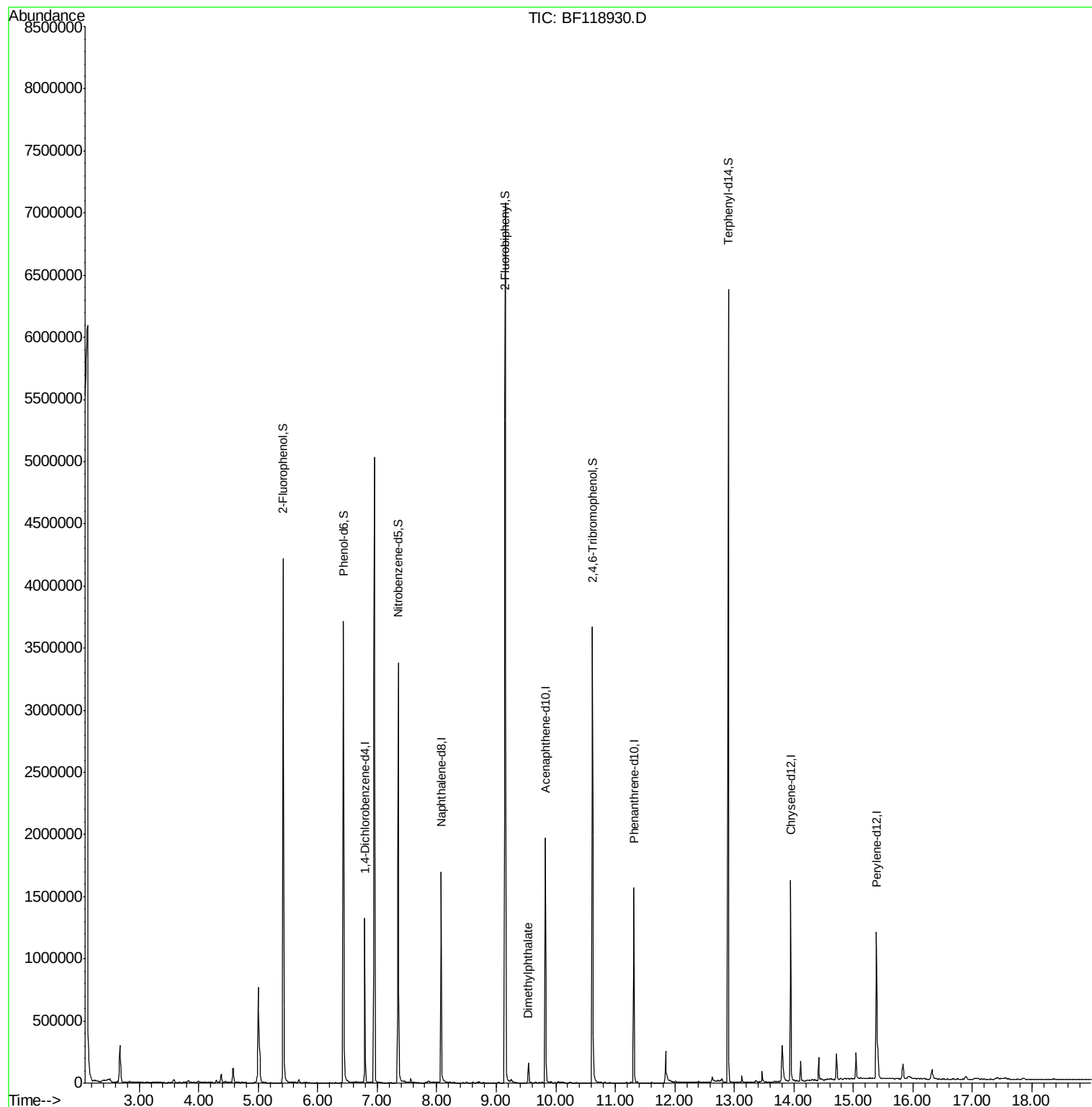
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	193879	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	782838	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	417815	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	595874	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	601884	20.00	ng	-0.04
87) Perylene-d12	15.39	264	611284	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1270556	124.05	ng	-0.01
7) Phenol-d6	6.43	99	1394485	109.68	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1233784	93.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	517045	103.42	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2331272	99.75	ng	-0.03
79) Terphenyl-d14	12.90	244	2426056	82.79	ng	-0.03
Target Compounds						
50) Dimethylphthalate	9.55	163	77713	2.732	ng	Qvalue 98

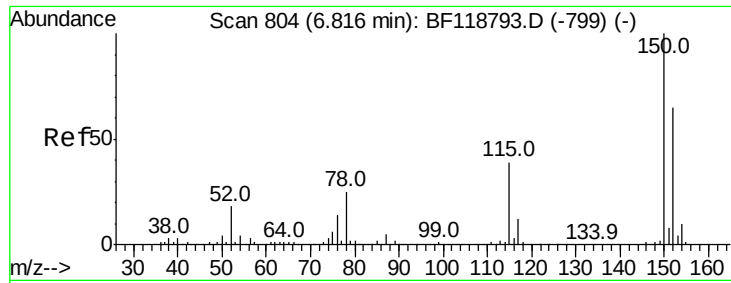
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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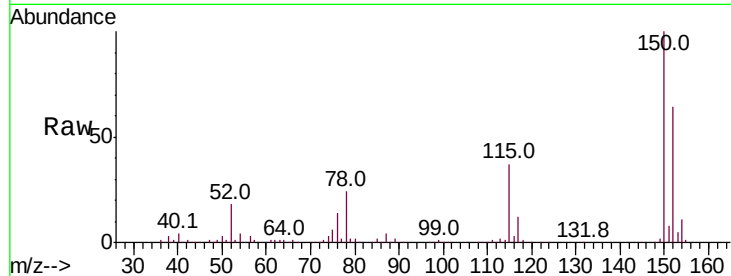


#1

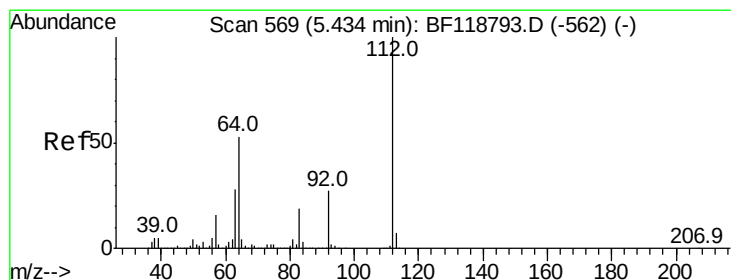
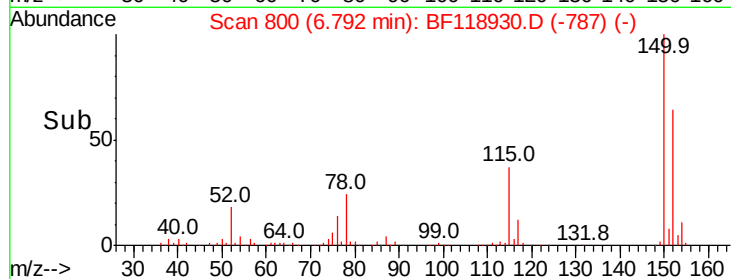
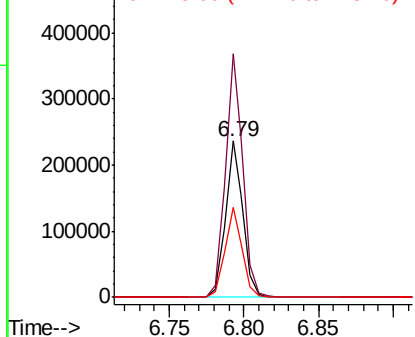
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :
SECTION-C

Tot Ion:152 Resp: 193879
Ion Ratio Lower Upper
152 100
150 155.6 123.6 185.4
115 57.9 48.2 72.2



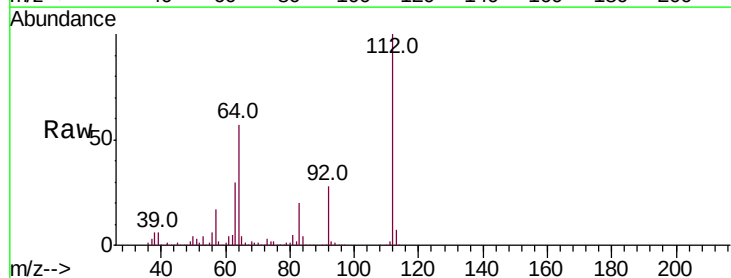
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



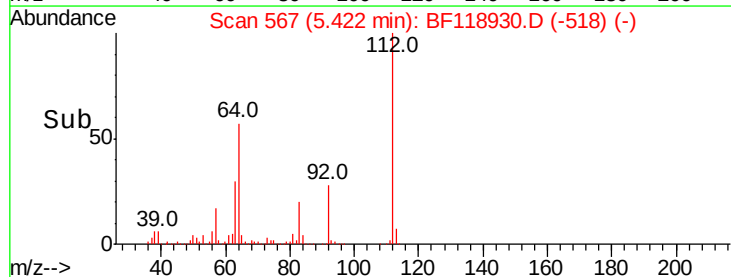
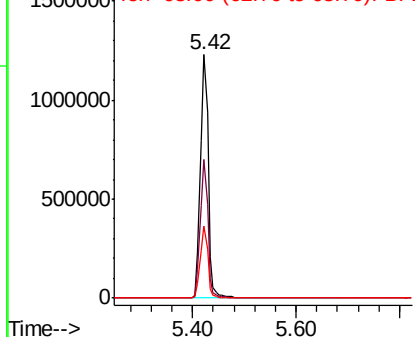
#5

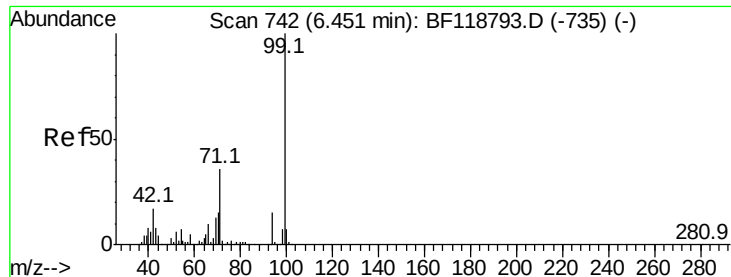
2-Fluorophenol
Concen: 124.050 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:112 Resp: 1270556
Ion Ratio Lower Upper
112 100
64 56.8 42.6 63.8
63 29.5 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: 109.678 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118930.D

Acq: 13 Feb 2020 20:27

Instrument :

BNA_F

ClientSampleId :

SECTION-C

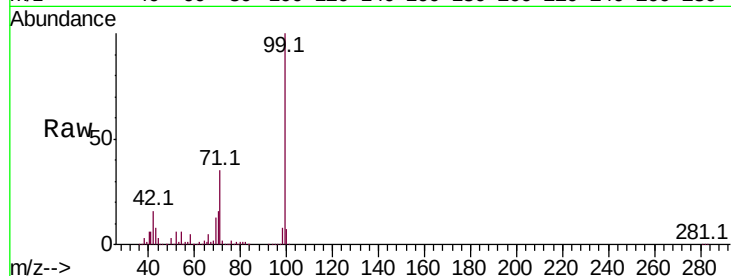
Tot Ion: 99 Resp: 1394485

Ion Ratio Lower Upper

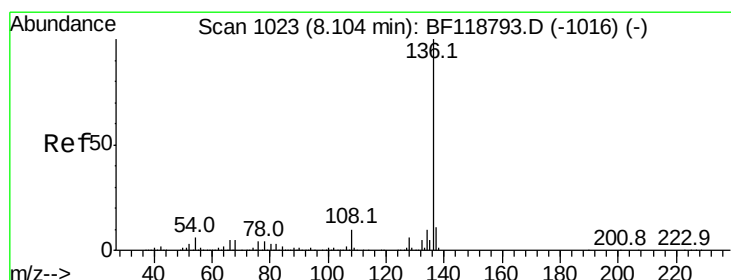
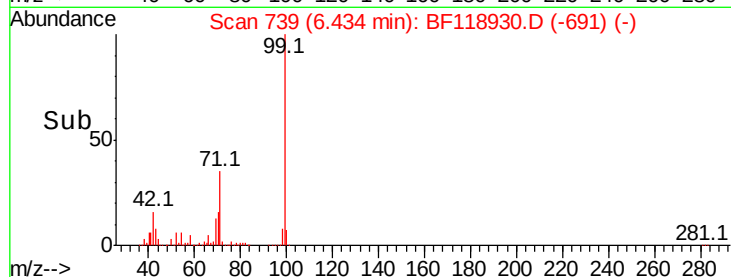
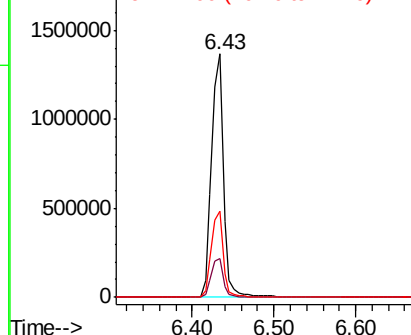
99 100

42 16.2 13.4 20.0

71 35.4 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: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118930.D

Acq: 13 Feb 2020 20:27

Tgt Ion: 136 Resp: 782838

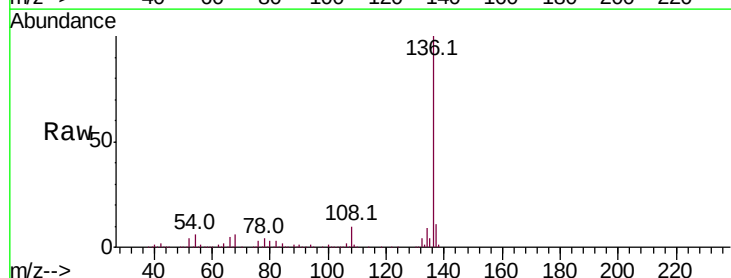
Ion Ratio Lower Upper

136 100

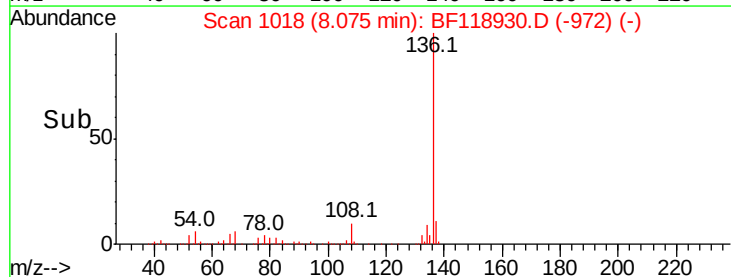
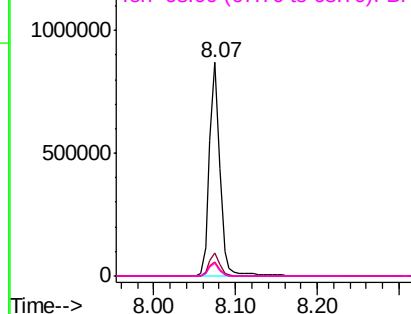
137 10.9 8.7 13.1

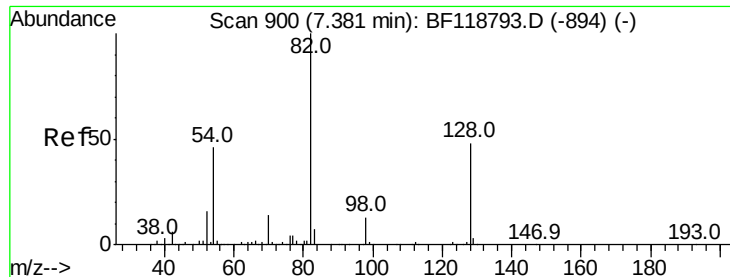
54 6.5 5.0 7.6

68 5.9 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

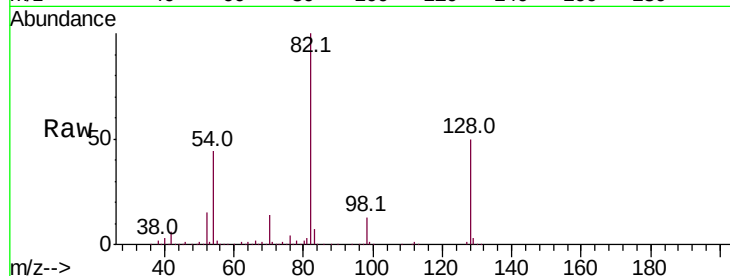




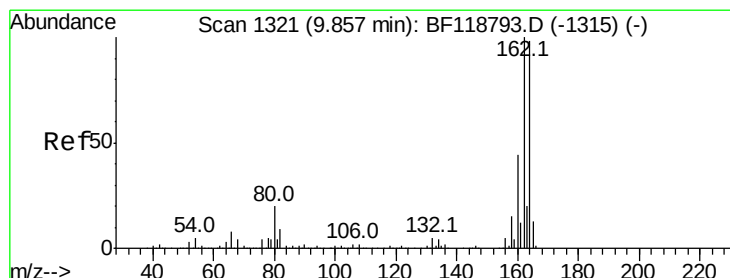
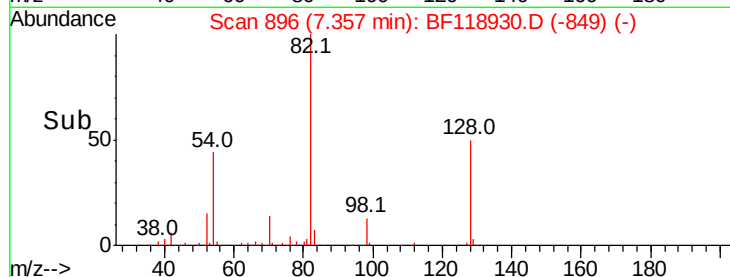
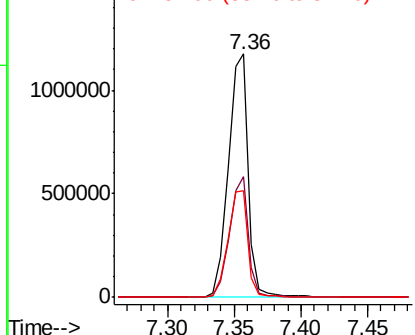
#23
 Nitrobenzene-d5
 Concen: 93.940 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF118930.D
 Acq: 13 Feb 2020 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-C

Tot Ion: 82 Resp: 1233784
 Ion Ratio Lower Upper
 82 100
 128 49.7 38.5 57.7
 54 43.8 36.7 55.1

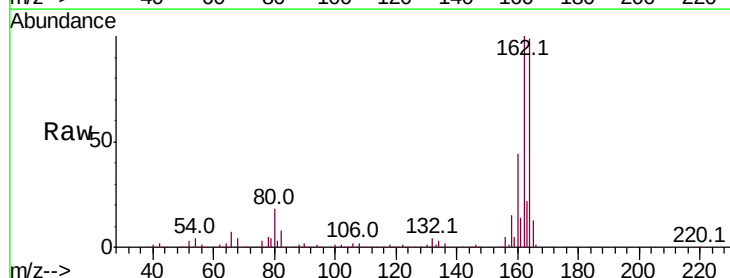


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

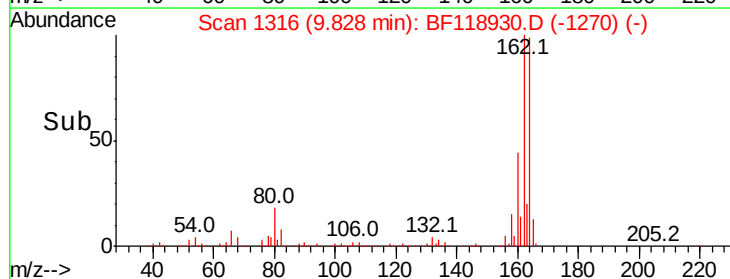
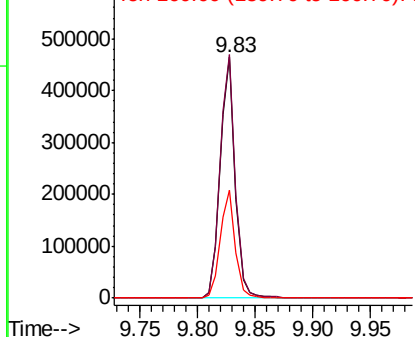


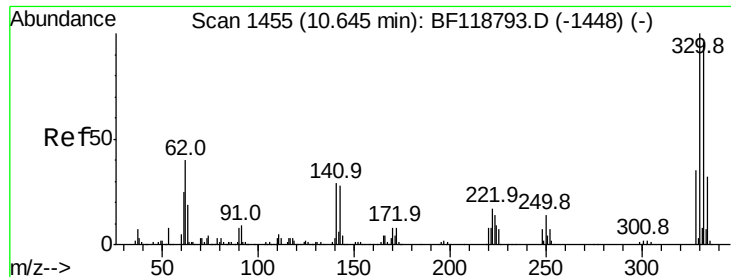
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF118930.D
 Acq: 13 Feb 2020 20:27

Tgt Ion:164 Resp: 417815
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.4 122.2
 160 44.8 35.6 53.4



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: 103.424 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.03 min

Lab File: BF118930.D

Acq: 13 Feb 2020 20:27

Instrument :

BNA_F

ClientSampleId :

SECTION-C

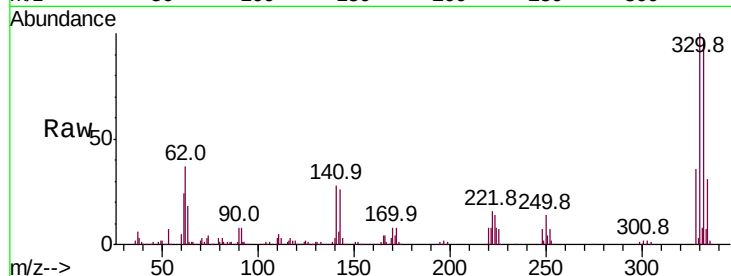
Tot Ion:330 Resp: 517045

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

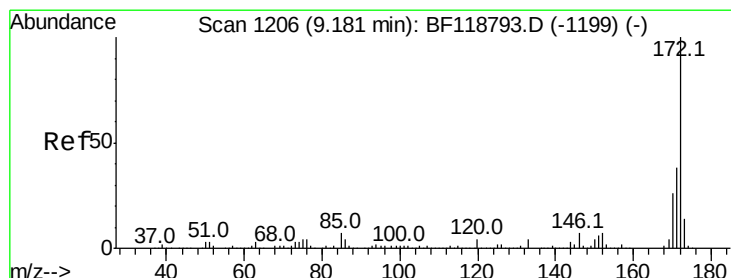
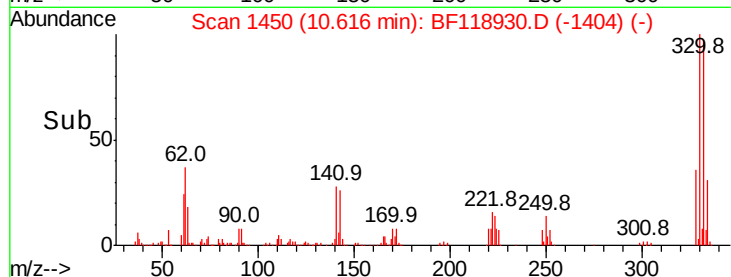
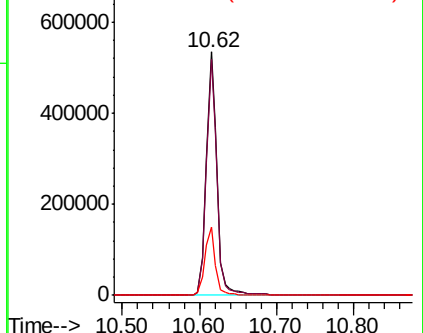
141 27.7 22.4 33.6



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: 99.748 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF118930.D

Acq: 13 Feb 2020 20:27

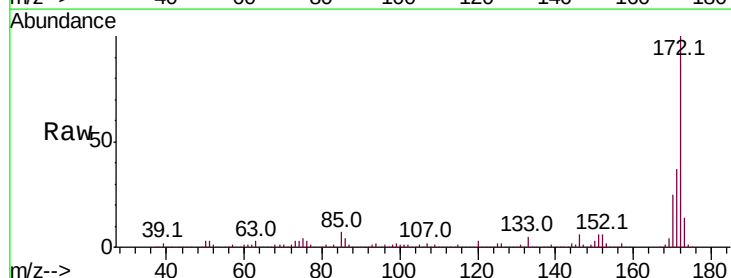
Tgt Ion:172 Resp: 2331272

Ion Ratio Lower Upper

172 100

171 37.2 30.8 46.2

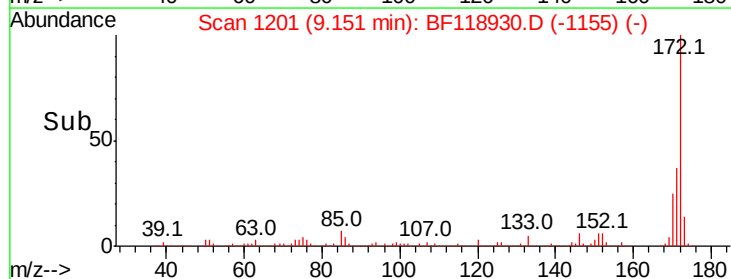
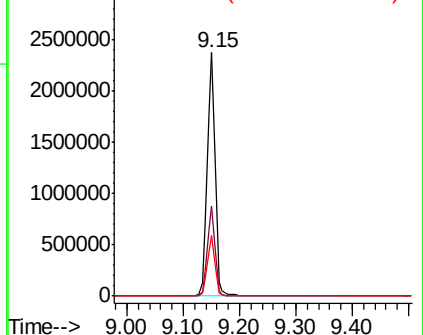
170 25.0 20.5 30.7

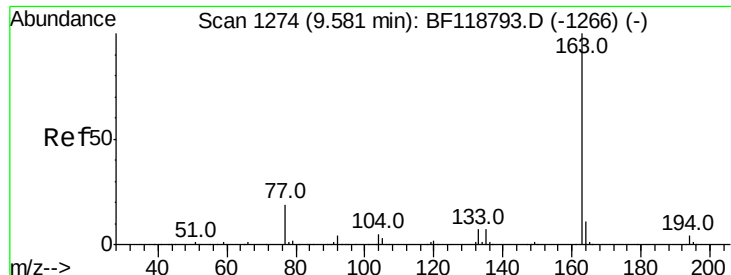


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

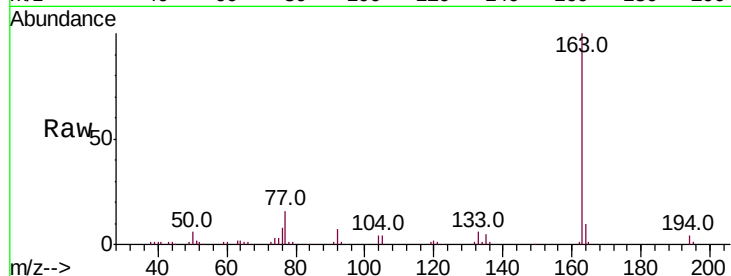




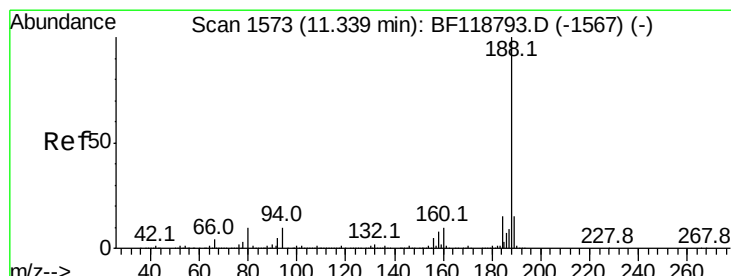
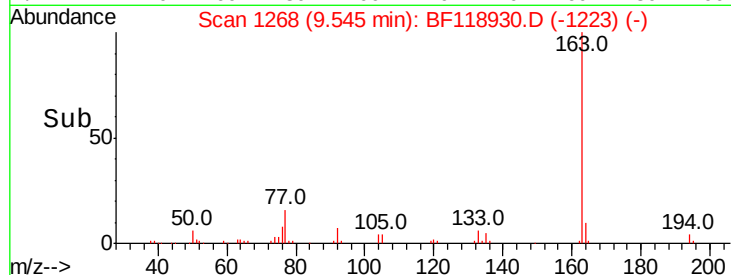
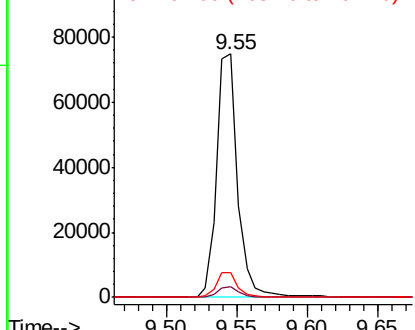
#50
Dimethylphthalate
Concen: 2.732 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.04 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Instrument :
BNA_F
ClientSampleId :
SECTION-C

Tot Ion:163 Resp: 77713
Ion Ratio Lower Upper
163 100
194 4.4 3.6 5.4
164 10.1 8.7 13.1

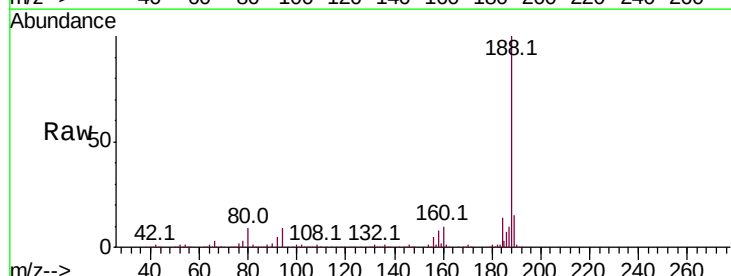


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

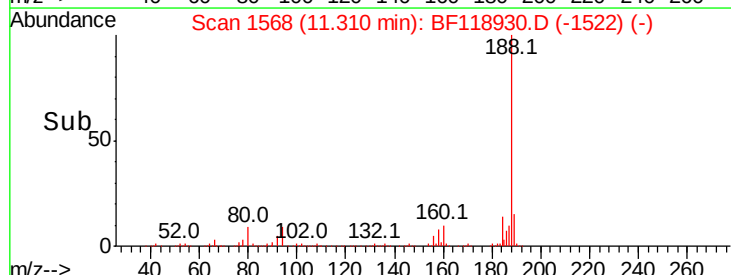
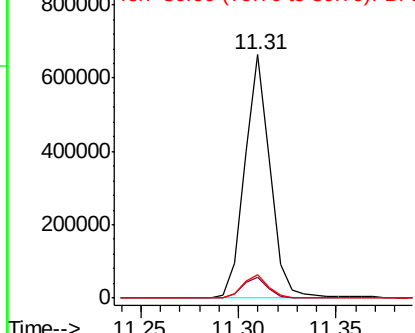


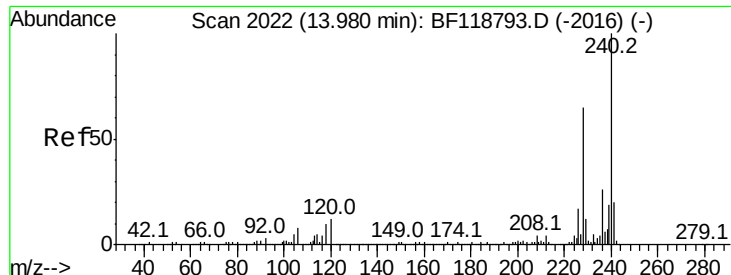
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF118930.D
Acq: 13 Feb 2020 20:27

Tgt Ion:188 Resp: 595874
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.4 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: 13.94 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BF118930.D

Acq: 13 Feb 2020 20:27

Instrument :

BNA_F

ClientSampleId :

SECTION-C

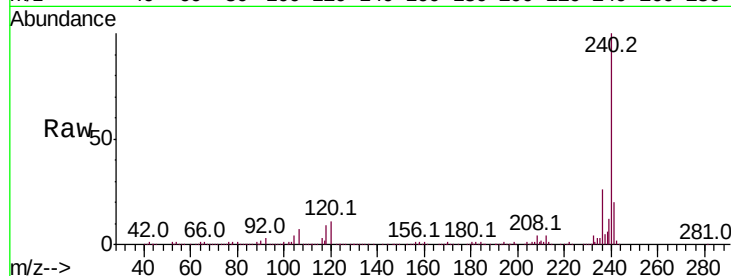
Tot Ion:240 Resp: 601884

Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.0

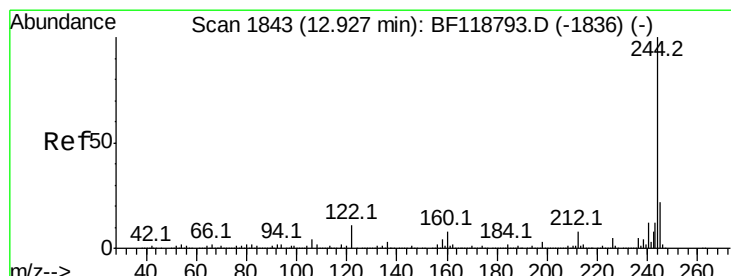
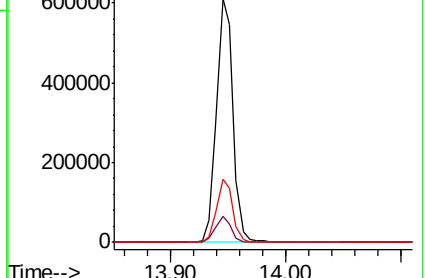
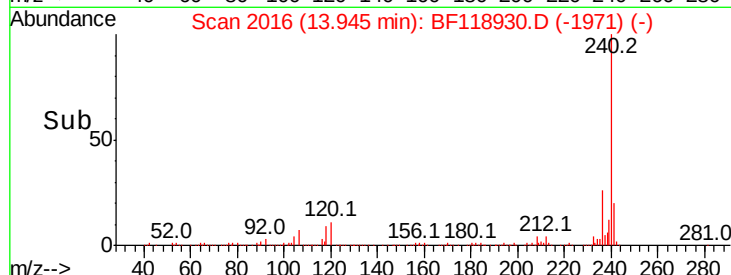
236 25.9 21.0 31.6



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: 82.794 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118930.D

Acq: 13 Feb 2020 20:27

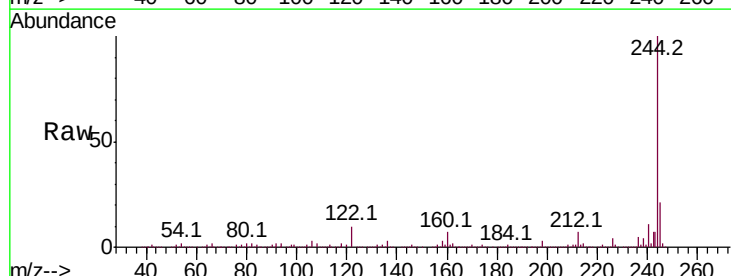
Tgt Ion:244 Resp: 2426056

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

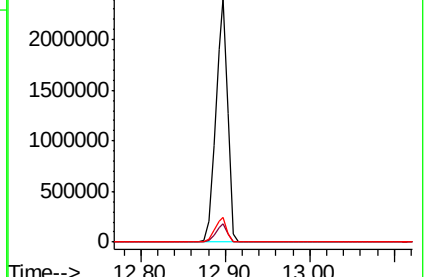
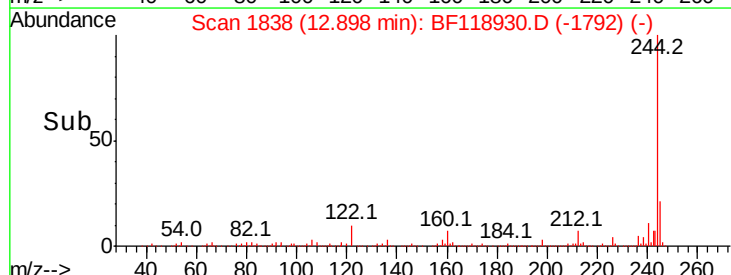
122 10.2 8.9 13.3

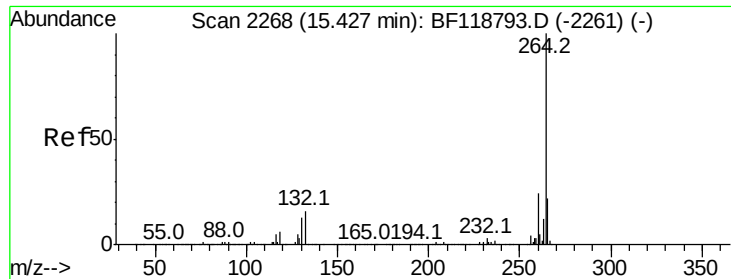


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.39 min Scan# 2261
 Delta R.T. -0.04 min
 Lab File: BF118930.D
 Acq: 13 Feb 2020 20:27

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	21.8	17.2	25.8

