

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118923.D
 Acq On : 13 Feb 2020 16:53
 Operator : CG/JU
 Sample : L1493-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-F

Quant Time: Feb 14 01:04:10 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	237735	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	912679	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	507172	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	976828	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	958139	20.00	ng	-0.03
87) Perylene-d12	15.39	264	965935	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1600471	127.44	ng	0.00
7) Phenol-d6	6.43	99	1792527	114.98	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1438575	93.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	805184	132.68	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2705168	95.35	ng	-0.03
79) Terphenyl-d14	12.90	244	3537732	75.84	ng	-0.03

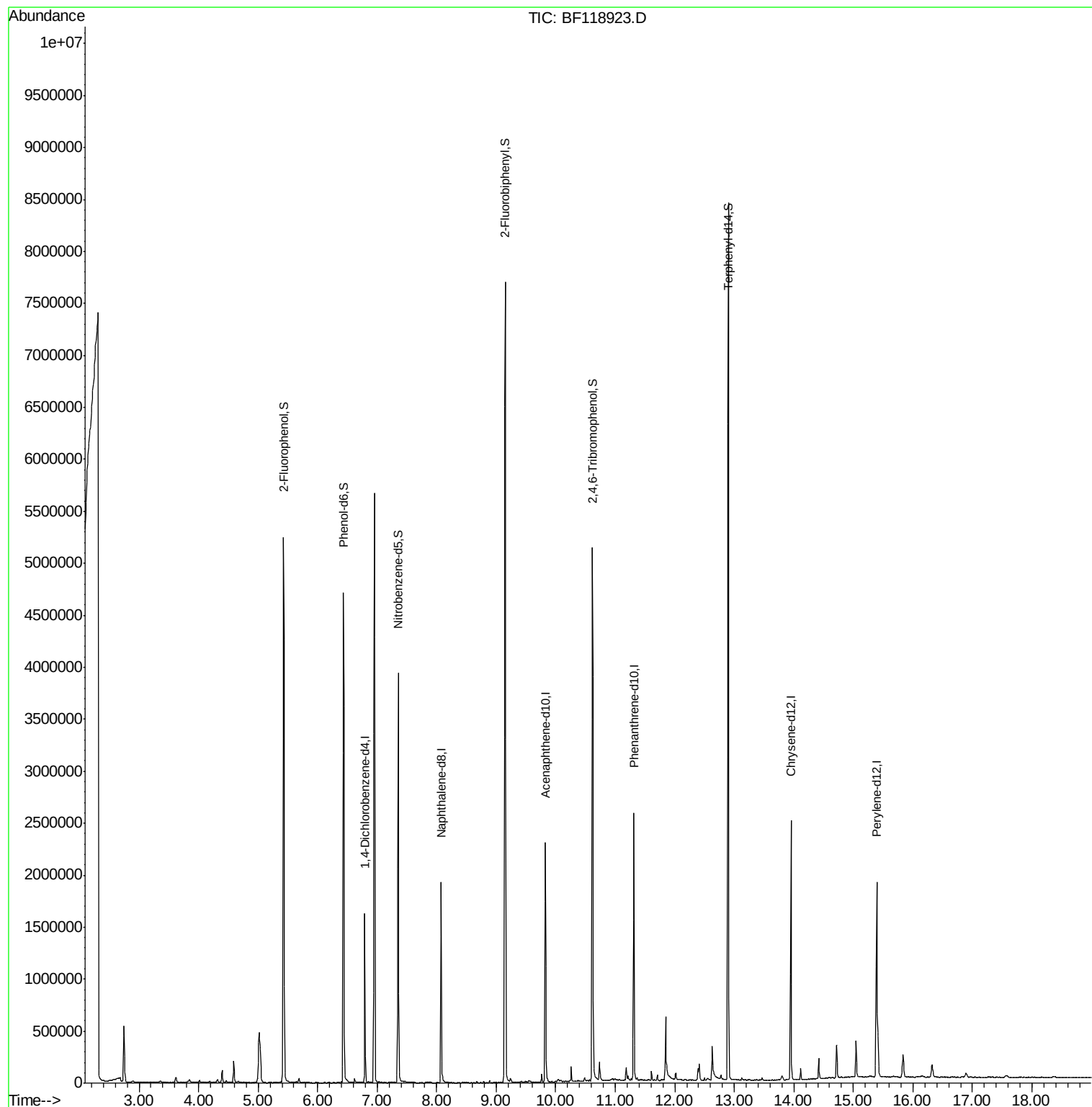
Target Compounds Qvalue

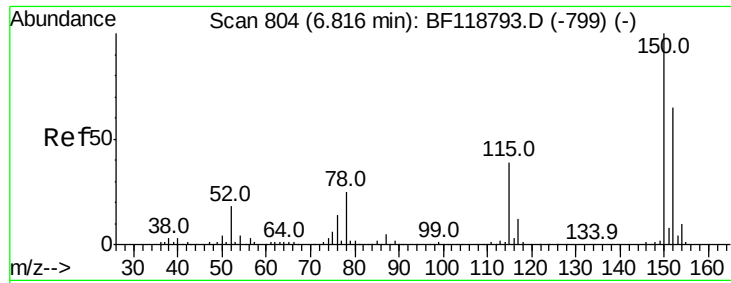
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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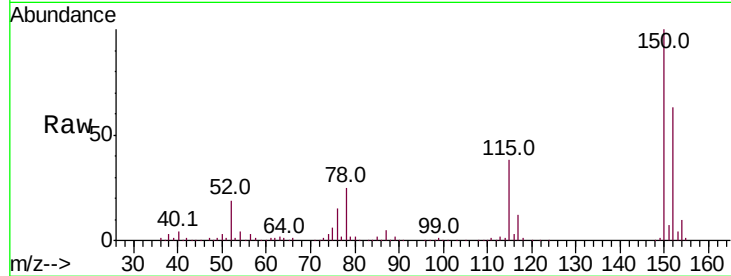


#1

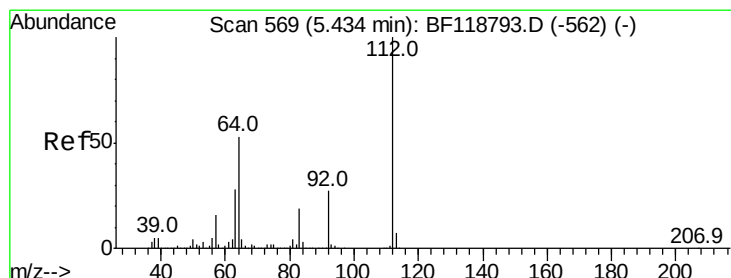
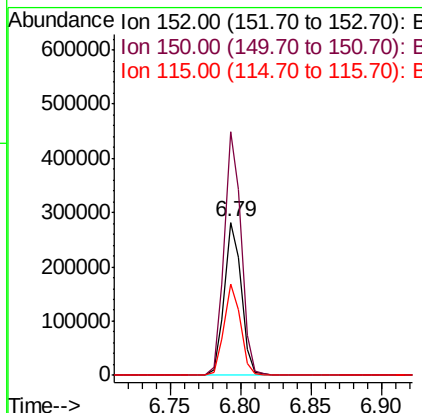
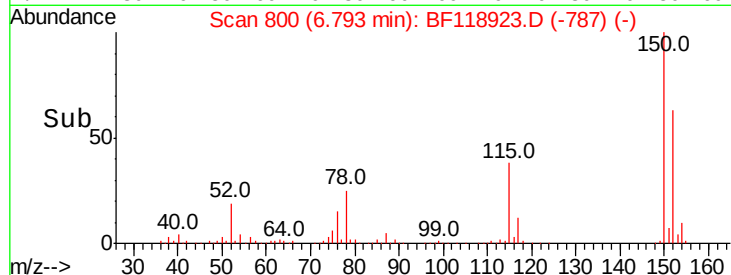
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-F

Tot Ion:152 Resp: 237735
 Ion Ratio Lower Upper
 152 100
 150 158.8 123.6 185.4
 115 59.6 48.2 72.2



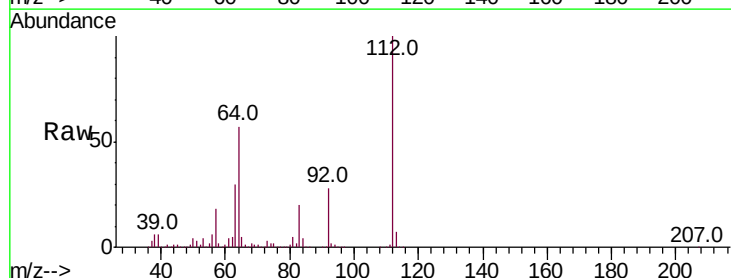
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



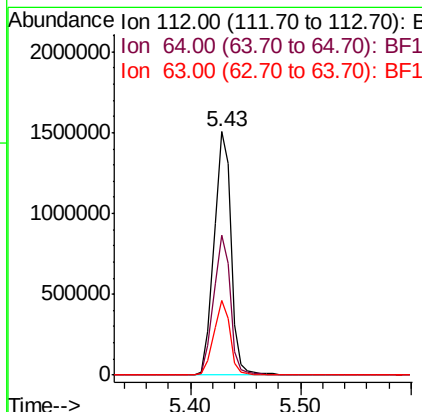
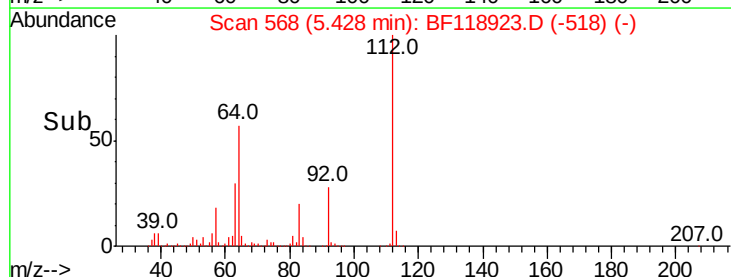
#5

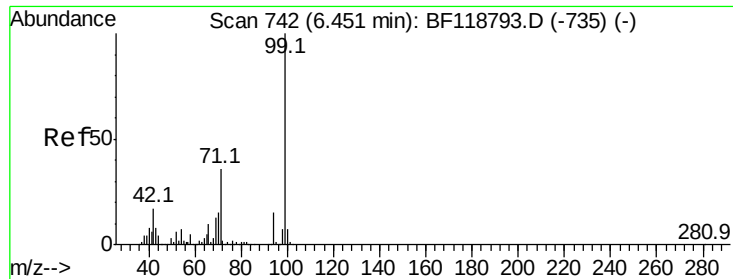
2-Fluorophenol
 Concen: 127.435 ng
 RT: 5.43 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Tgt Ion:112 Resp: 1600471
 Ion Ratio Lower Upper
 112 100
 64 57.5 42.6 63.8
 63 30.5 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: 114.977 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-F

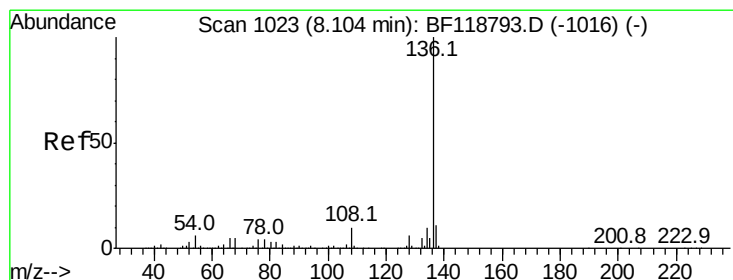
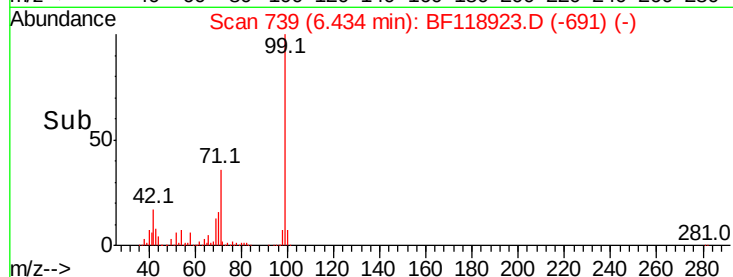
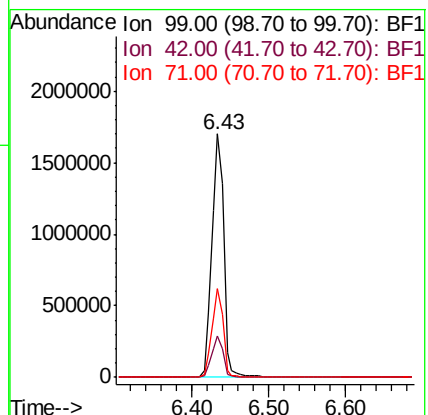
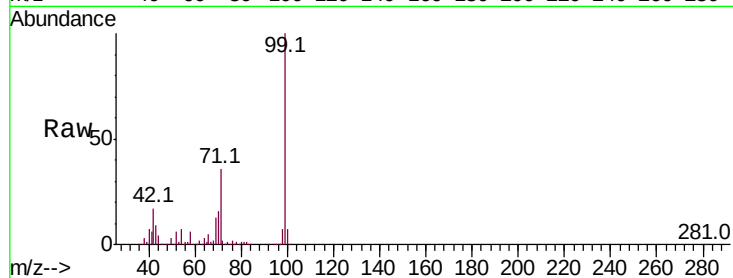
Tot Ion: 99 Resp: 1792527

Ion Ratio Lower Upper

99 100

42 17.2 13.4 20.0

71 36.5 29.0 43.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

Tgt Ion: 136 Resp: 912679

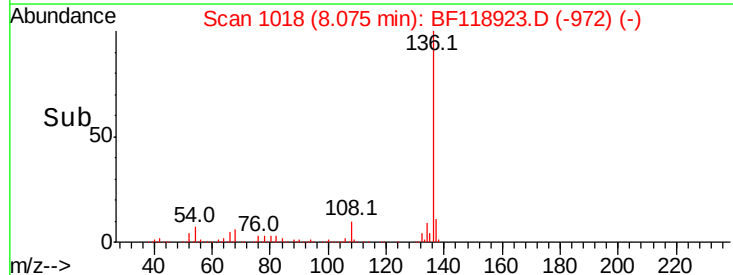
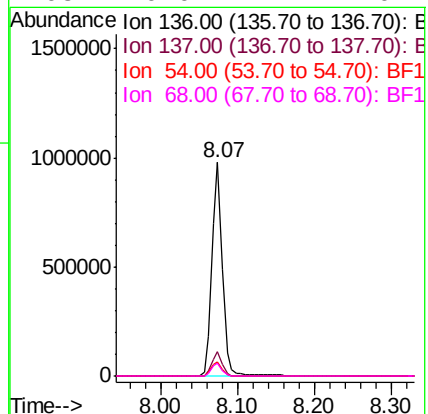
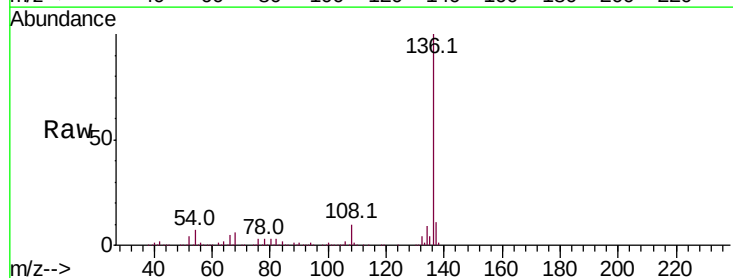
Ion Ratio Lower Upper

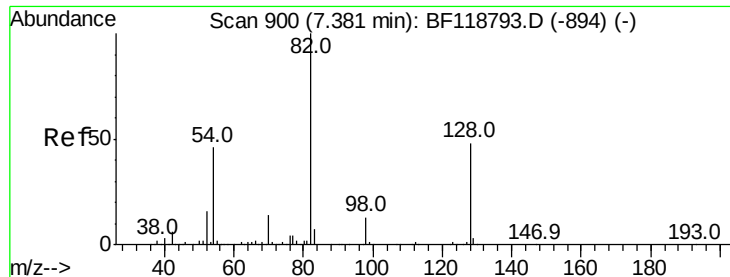
136 100

137 11.2 8.7 13.1

54 6.6 5.0 7.6

68 6.0 4.2 6.4

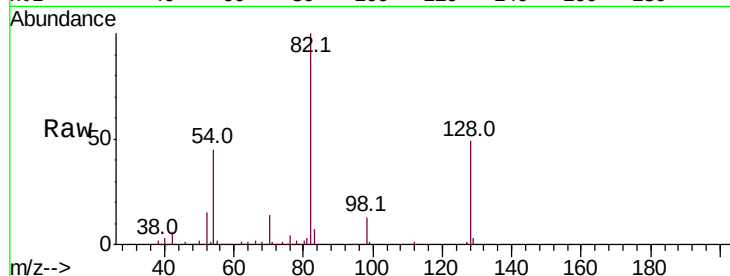




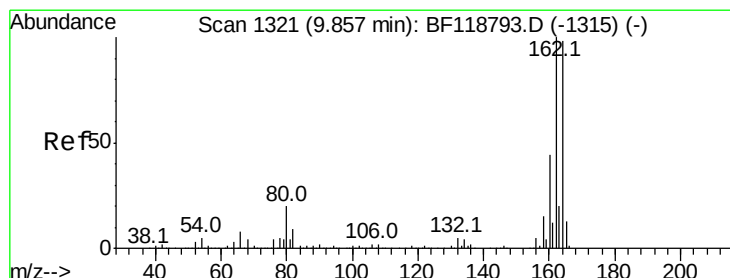
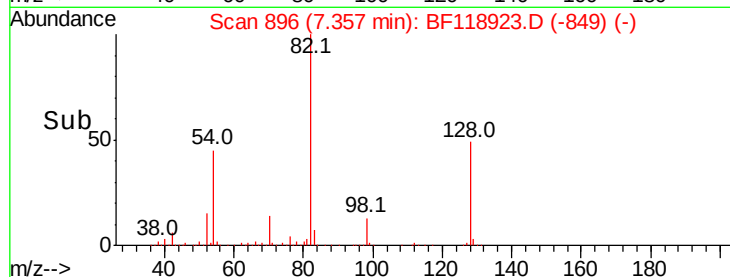
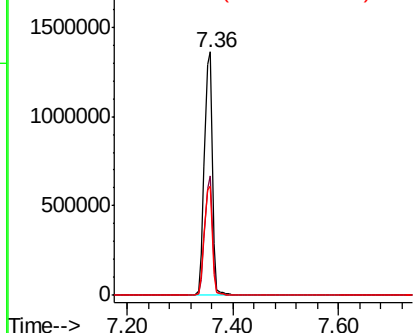
#23
Nitrobenzene-d5
Concen: 93.950 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF118923.D
Acq: 13 Feb 2020 16:53

Instrument :
BNA_F
ClientSampleId :
2S-SECTION-F

Tot Ion: 82 Resp: 1438575
Ion Ratio Lower Upper
82 100
128 49.3 38.5 57.7
54 44.6 36.7 55.1

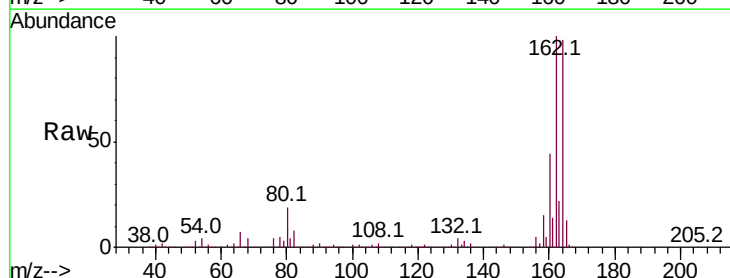


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

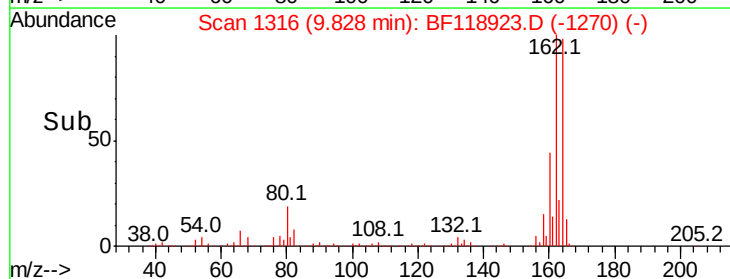
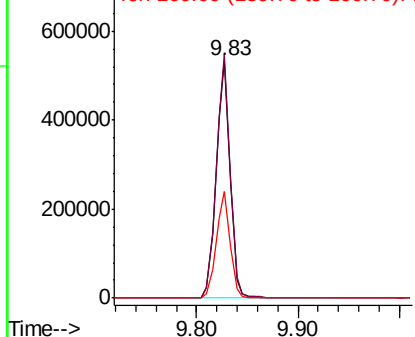


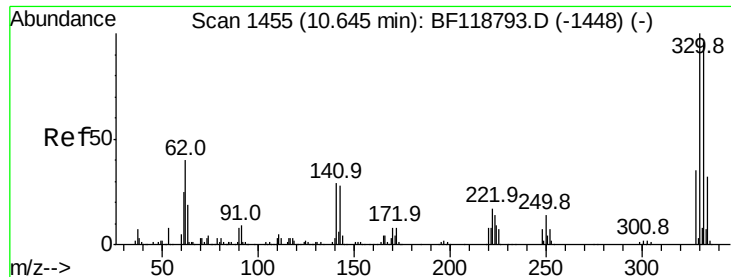
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118923.D
Acq: 13 Feb 2020 16:53

Tgt Ion:164 Resp: 507172
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.2
160 44.7 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

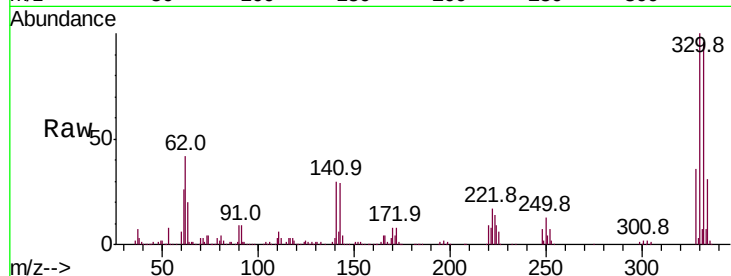




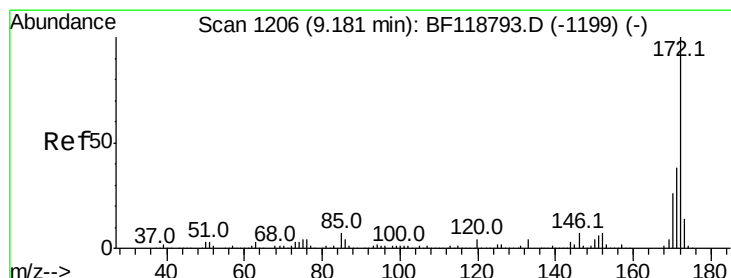
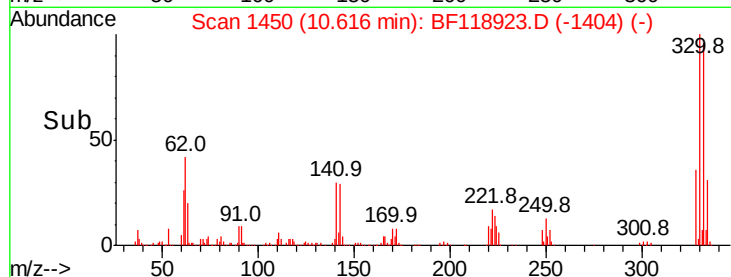
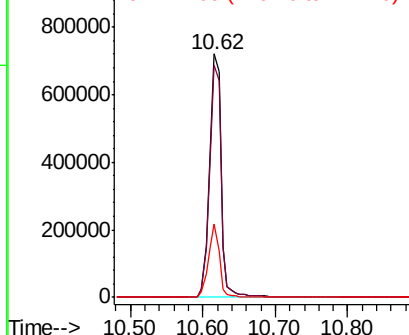
#42
 2,4,6-Tribromophenol
 Concen: 132.684 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.03 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Instrument :
 BNA_F
 ClientSampleId :
 2S-SECTION-F

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	28.2	22.4	33.6

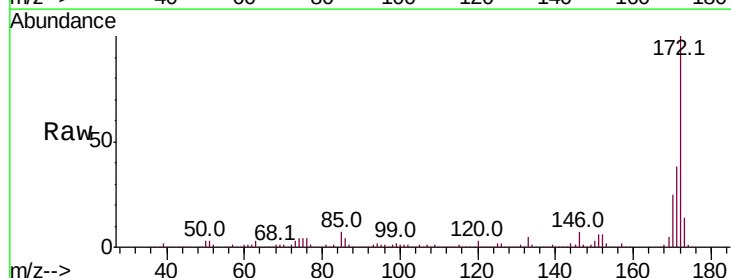


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

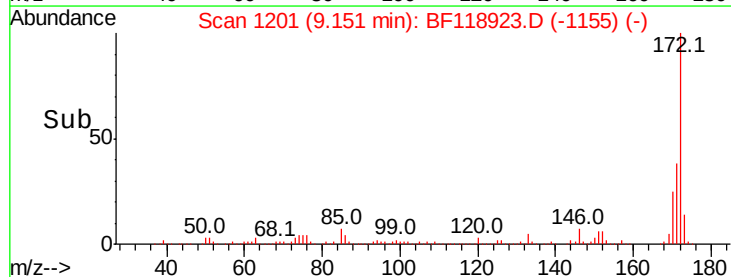
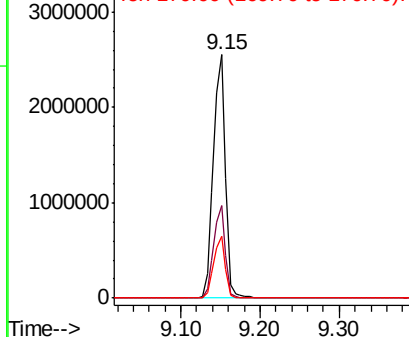


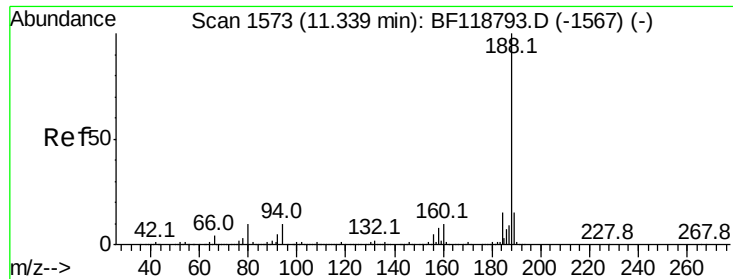
#45
 2-Fluorobiphenyl
 Concen: 95.353 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118923.D
 Acq: 13 Feb 2020 16:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.8	46.2
170	25.3	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: 11.31 min Scan# 1568

Delta R.T. -0.03 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-F

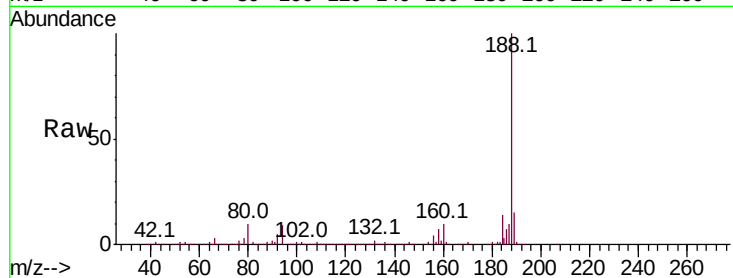
Tot Ion:188 Resp: 976828

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

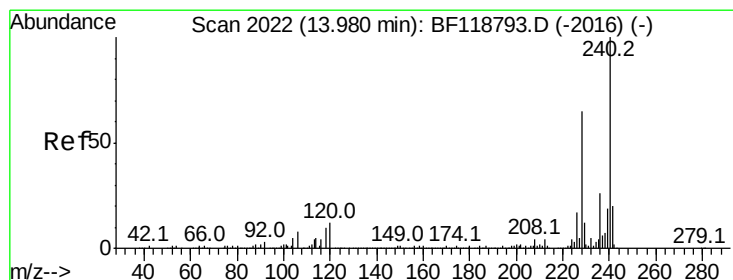
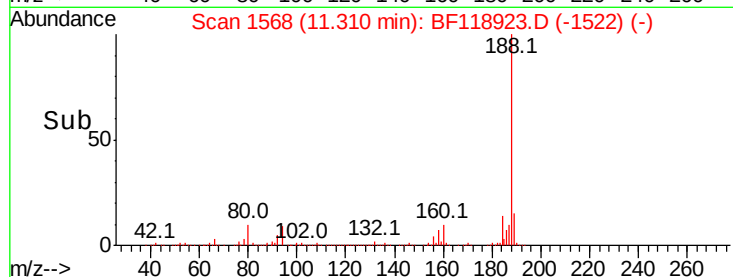
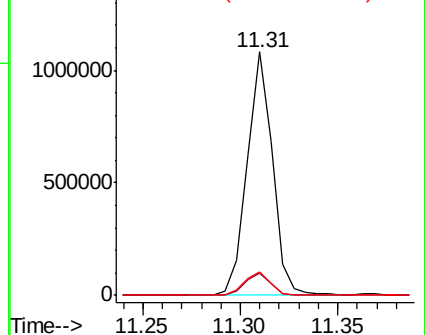
80 9.9 8.4 12.6



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: 13.95 min Scan# 2017

Delta R.T. -0.03 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

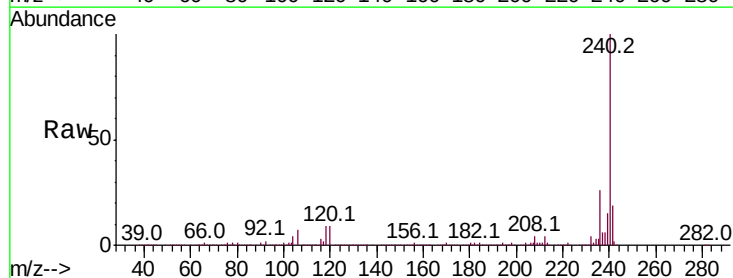
Tgt Ion:240 Resp: 958139

Ion Ratio Lower Upper

240 100

120 9.4 9.4 14.0

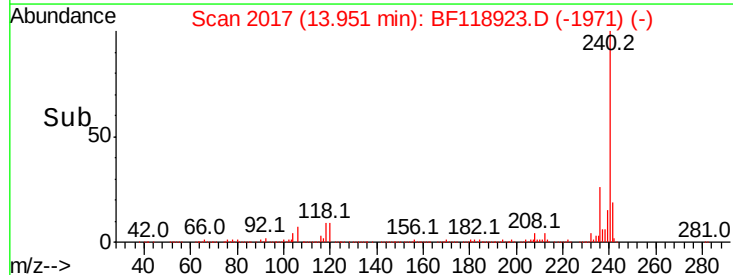
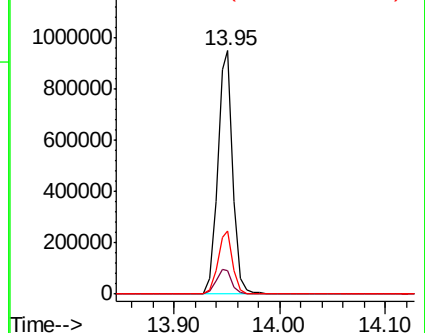
236 25.9 21.0 31.6

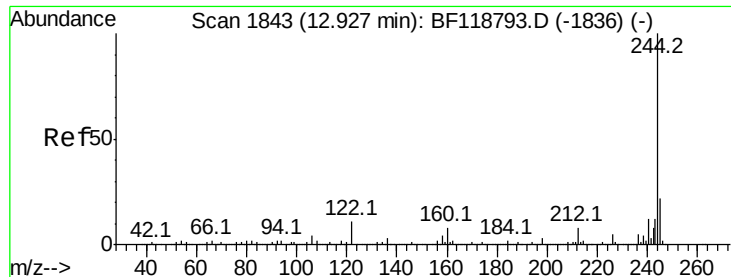


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.841 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

Instrument :

BNA_F

ClientSampleId :

2S-SECTION-F

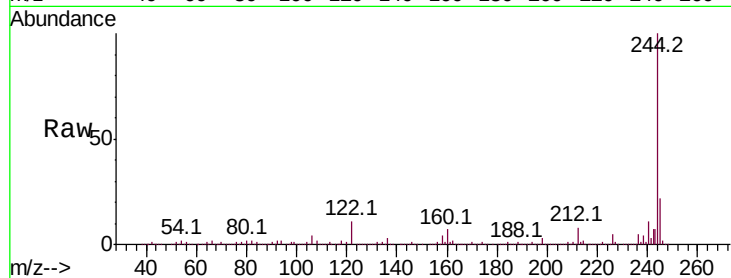
Tot Ion:244 Resp: 3537732

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

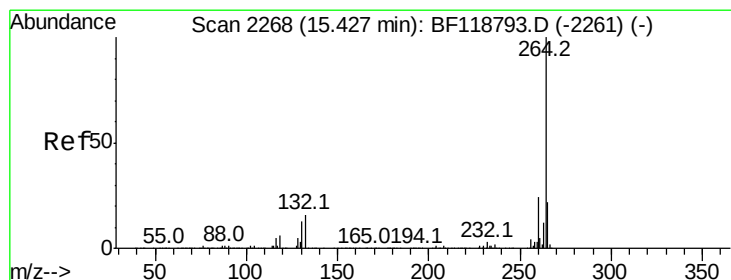
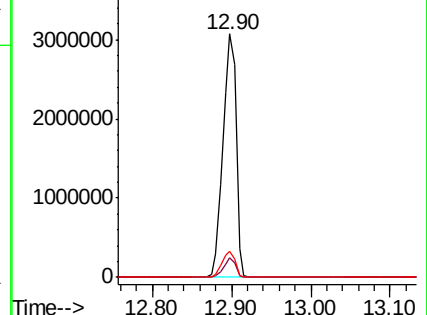
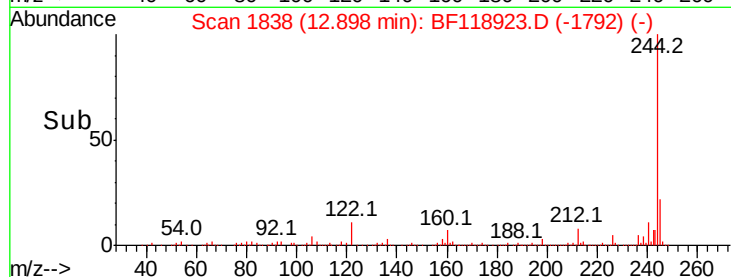
122 10.8 8.9 13.3



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: 15.39 min Scan# 2262

Delta R.T. -0.04 min

Lab File: BF118923.D

Acq: 13 Feb 2020 16:53

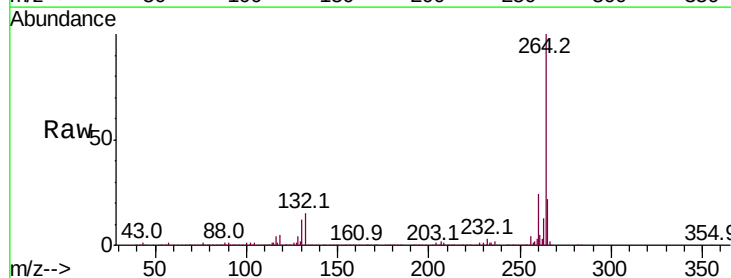
Tgt Ion:264 Resp: 965935

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 22.3 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

