

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118926.D
 Acq On : 13 Feb 2020 18:25
 Operator : CG/JU
 Sample : L1493-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-A

Quant Time: Feb 14 01:15:44 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

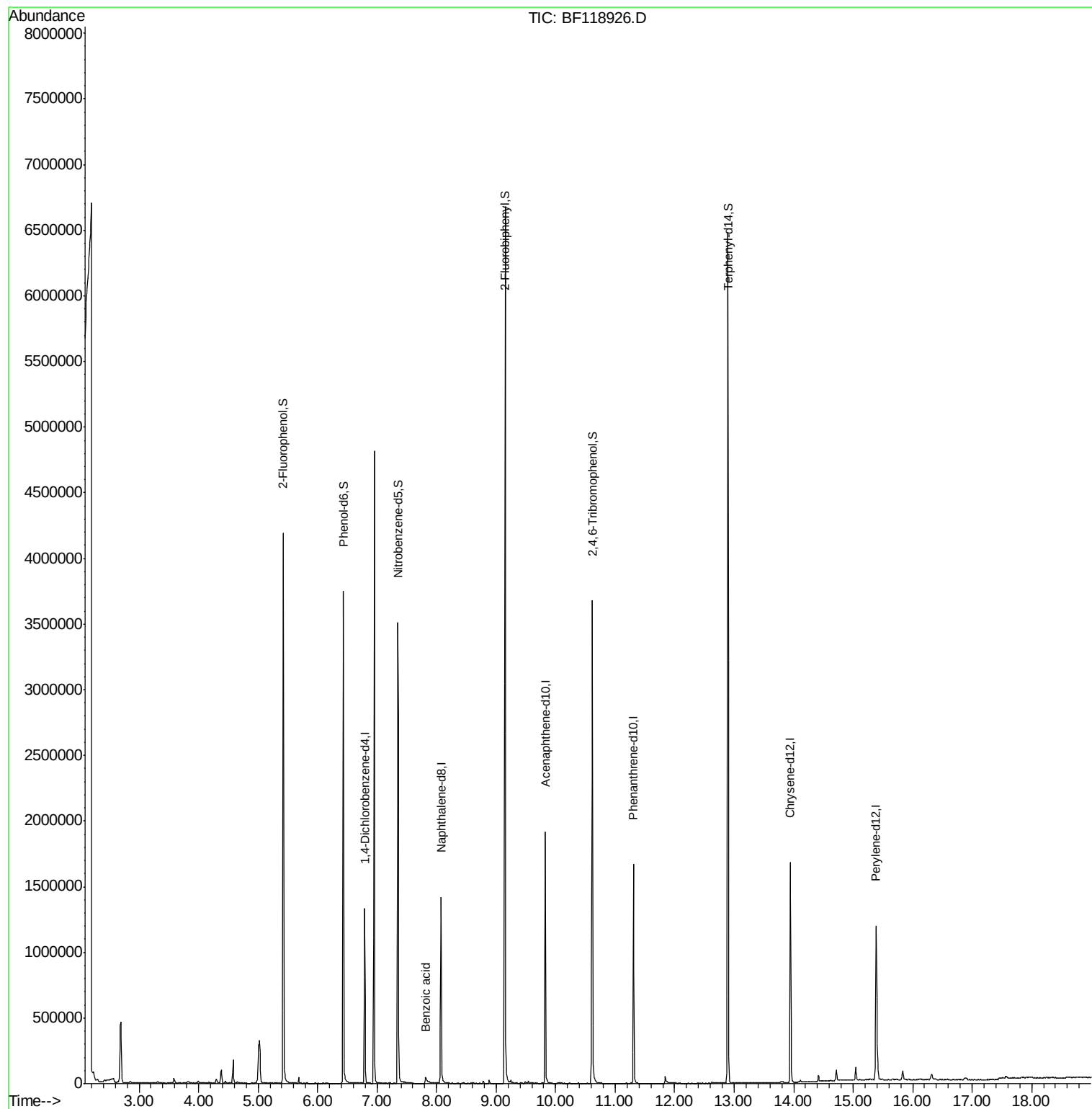
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	189047	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	723327	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	435248	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	627031	20.00	ng	-0.03
76) Chrysene-d12	13.94	240	617619	20.00	ng	-0.04
87) Perylene-d12	15.39	264	615092	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1337958	133.97	ng	-0.01
7) Phenol-d6	6.43	99	1349310	108.84	ng	-0.02
23) Nitrobenzene-d5	7.35	82	1226553	101.07	ng	-0.03
42) 2,4,6-Tribromophenol	10.62	330	535567	102.84	ng	-0.03
45) 2-Fluorobiphenyl	9.15	172	2414421	99.17	ng	-0.03
79) Terphenyl-d14	12.90	244	2483576	82.60	ng	-0.03
Target Compounds						
32) Benzoic acid	7.82	122	23614	3.250	ng	Qvalue 91

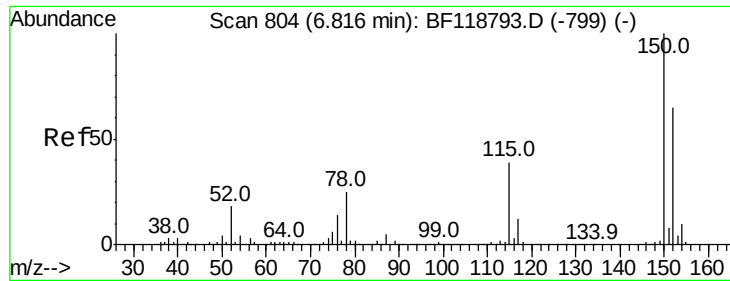
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
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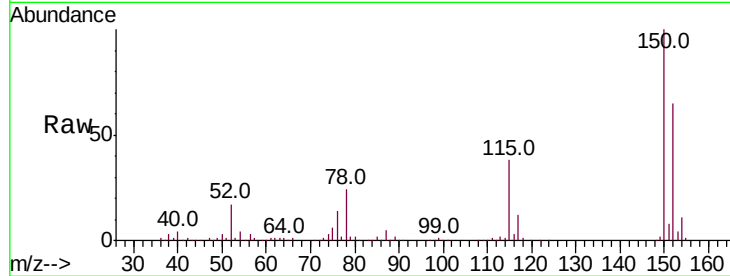


#1

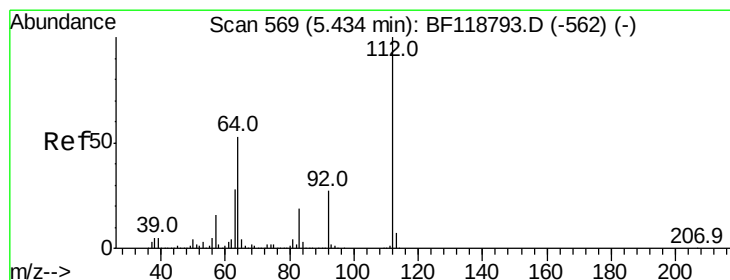
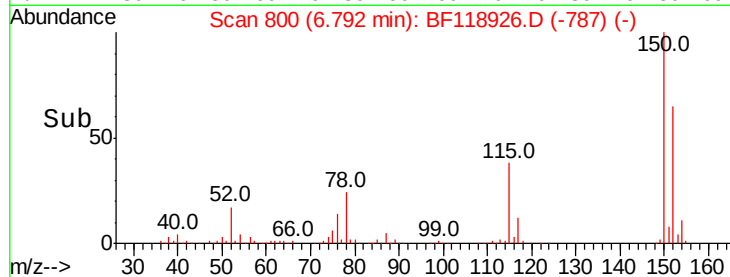
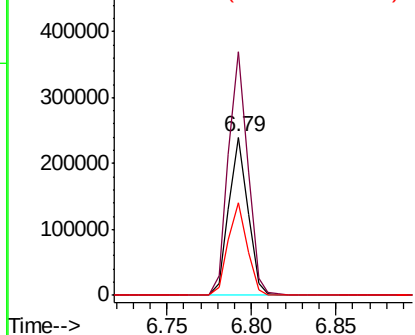
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Instrument :
BNA_F
ClientSampleId :
SECTION-A

Tot Ion:152 Resp: 189047
Ion Ratio Lower Upper
152 100
150 153.8 123.6 185.4
115 58.5 48.2 72.2



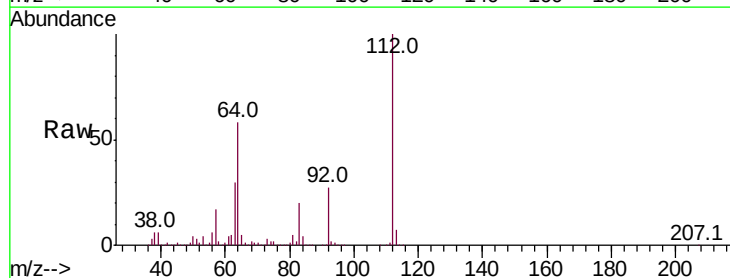
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



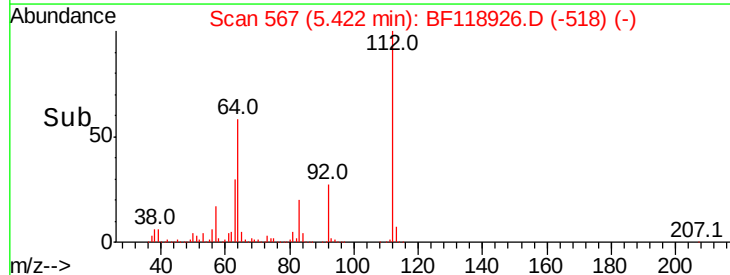
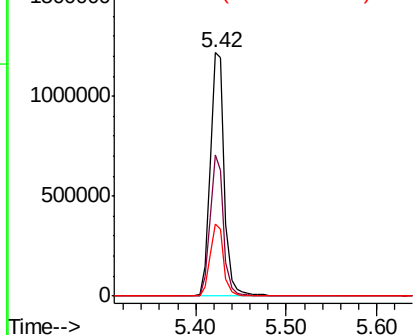
#5

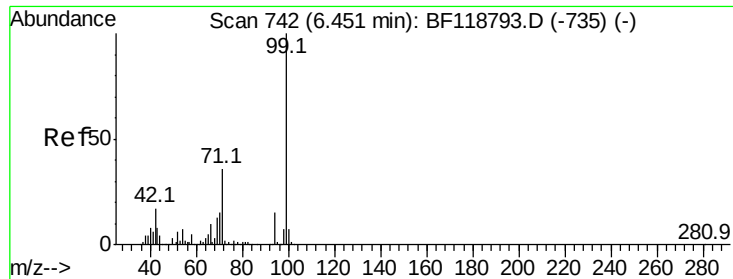
2-Fluorophenol
Concen: 133.970 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Tgt Ion:112 Resp: 1337958
Ion Ratio Lower Upper
112 100
64 57.9 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: 108.838 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

Instrument :

BNA_F

ClientSampleId :

SECTION-A

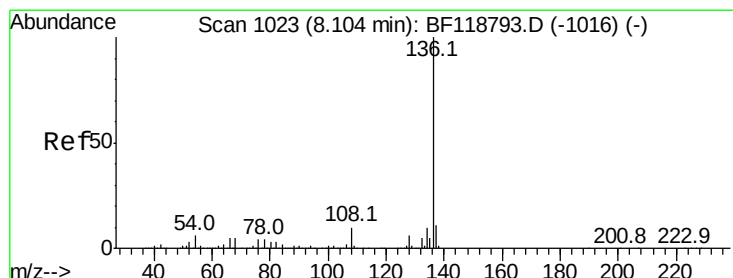
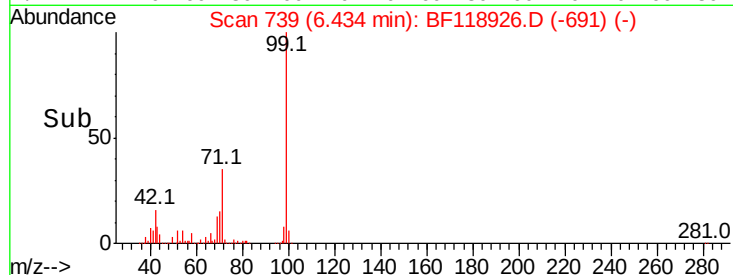
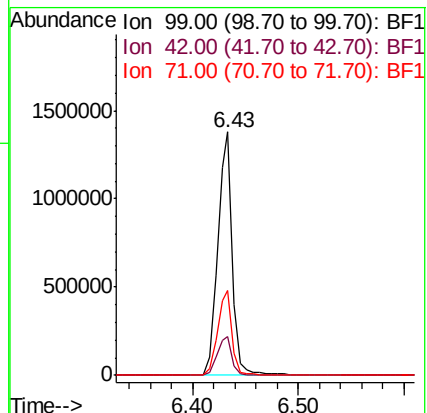
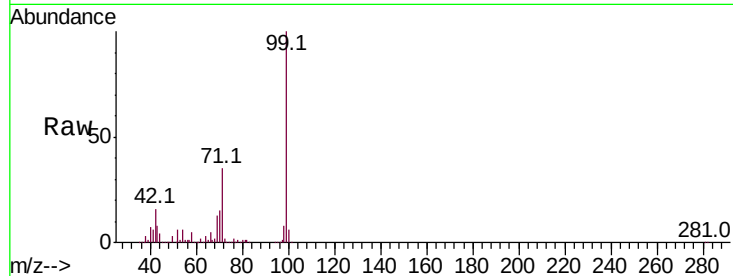
Tot Ion: 99 Resp: 1349310

Ion Ratio Lower Upper

99 100

42 16.2 13.4 20.0

71 35.1 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: BF118926.D

Acq: 13 Feb 2020 18:25

Tgt Ion: 136 Resp: 723327

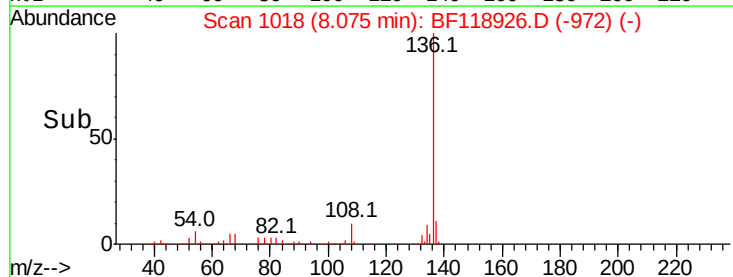
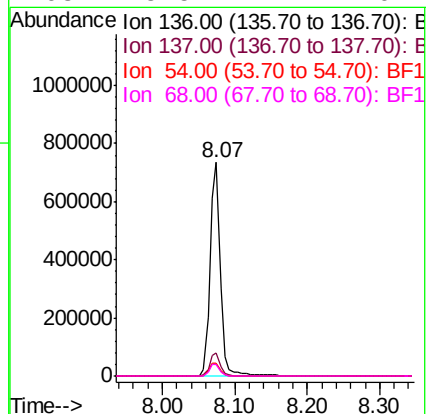
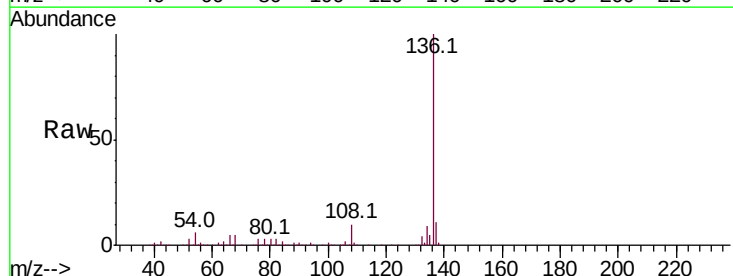
Ion Ratio Lower Upper

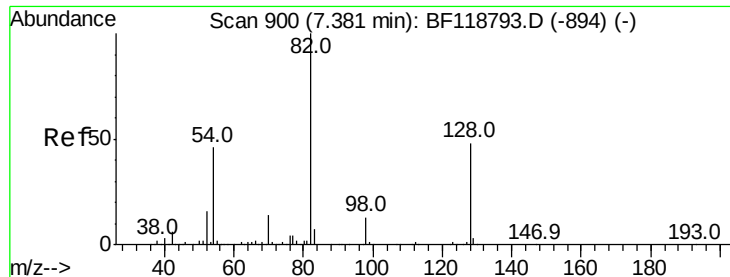
136 100

137 11.0 8.7 13.1

54 6.0 5.0 7.6

68 5.5 4.2 6.4

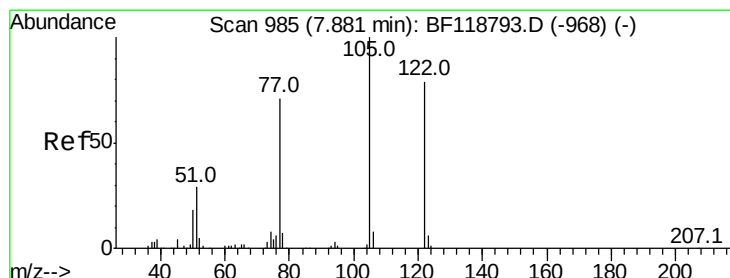
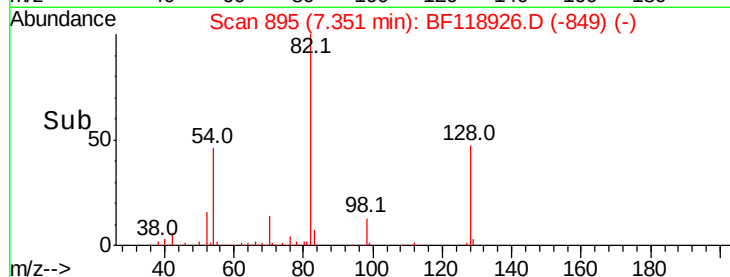
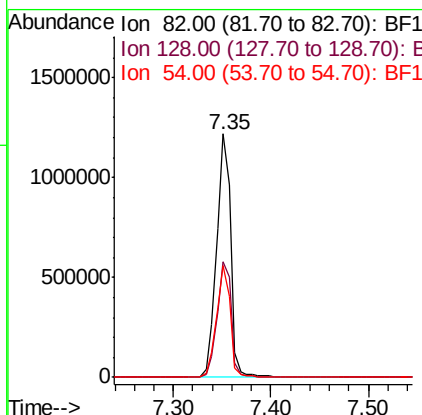
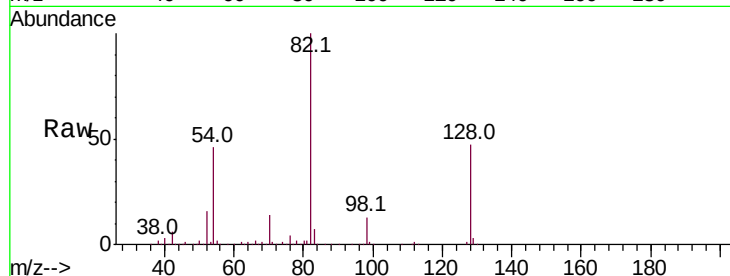




#23
 Nitrobenzene-d5
 Concen: 101.073 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.03 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

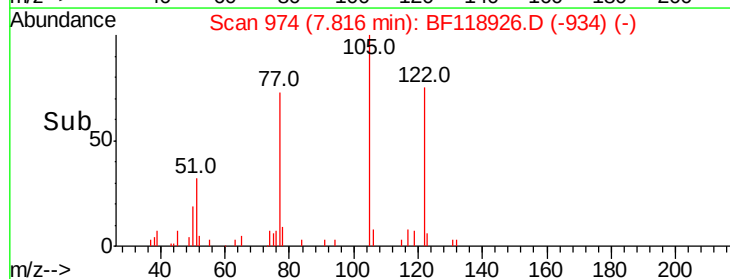
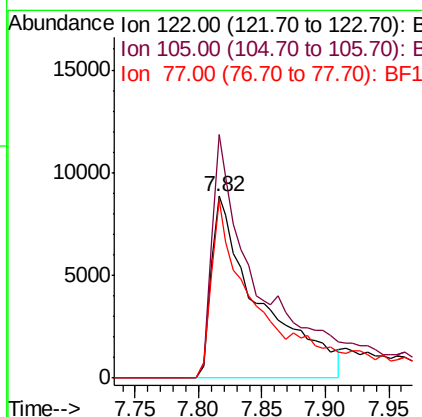
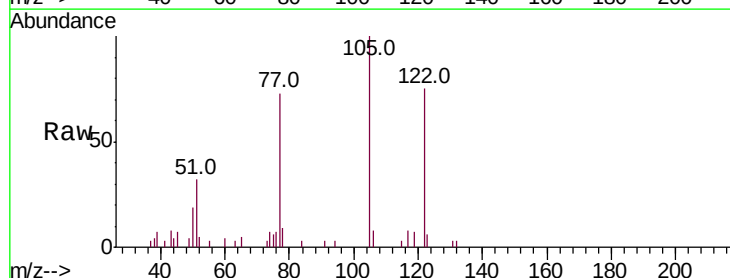
Instrument :
 BNA_F
 ClientSampleId :
 SECTION-A

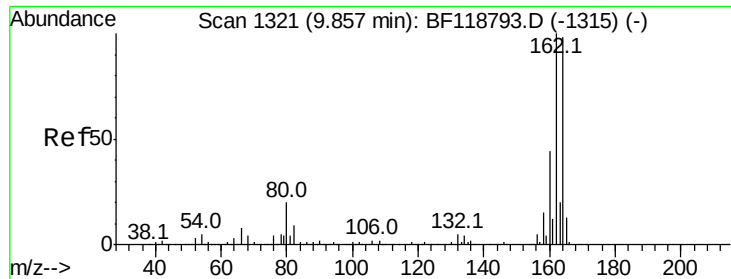
Tot Ion: 82 Resp: 1226553
 Ion Ratio Lower Upper
 82 100
 128 47.5 38.5 57.7
 54 45.8 36.7 55.1



#32
 Benzoic acid
 Concen: 3.250 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.06 min
 Lab File: BF118926.D
 Acq: 13 Feb 2020 18:25

Tgt Ion: 122 Resp: 23614
 Ion Ratio Lower Upper
 122 100
 105 133.7 104.4 144.4
 77 98.1 69.3 109.3

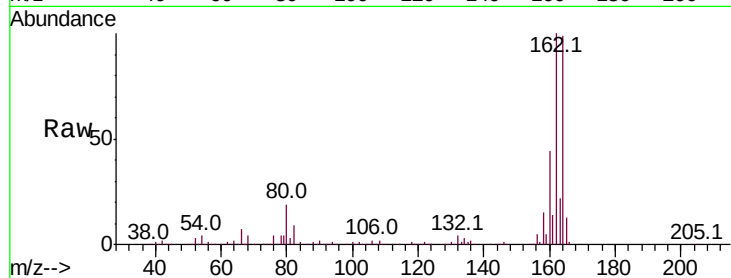




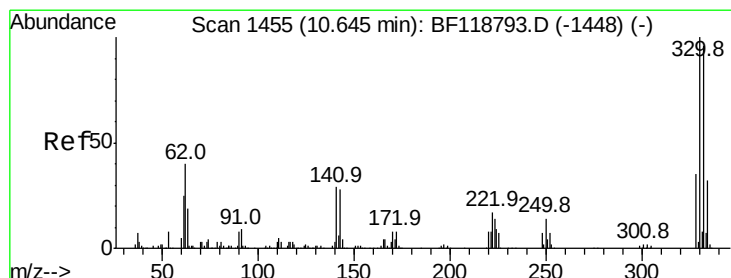
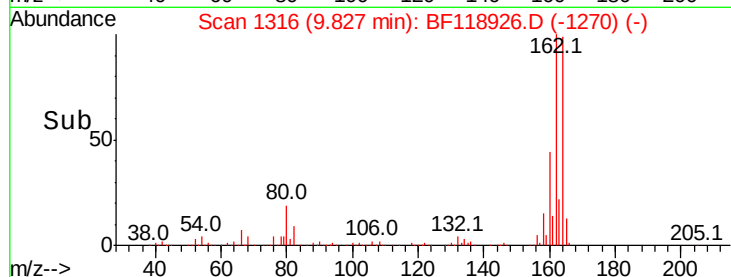
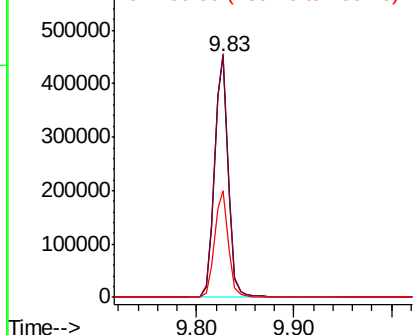
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Instrument :
BNA_F
ClientSampleId :
SECTION-A

Tot Ion:164 Resp: 435248
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.2
160 44.2 35.6 53.4

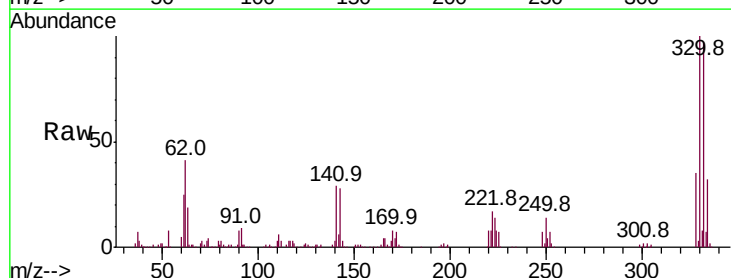


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

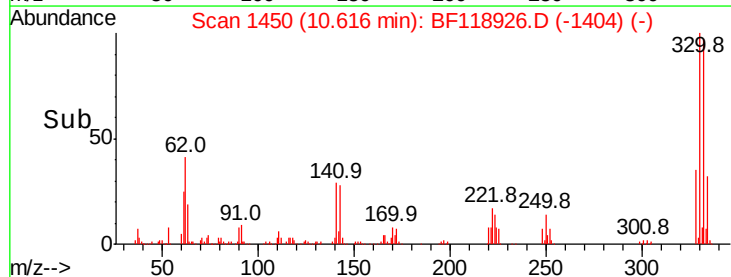
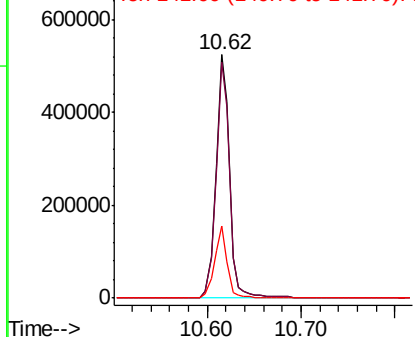


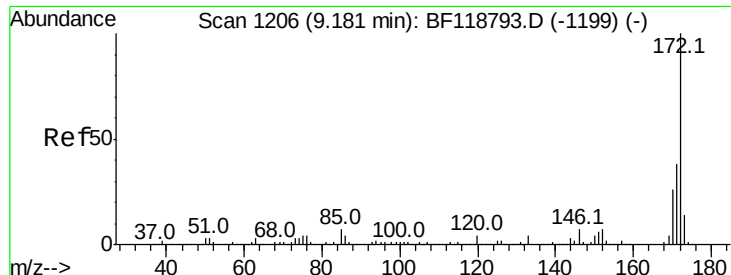
#42
2,4,6-Tribromophenol
Concen: 102.838 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Tgt Ion:330 Resp: 535567
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 27.6 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

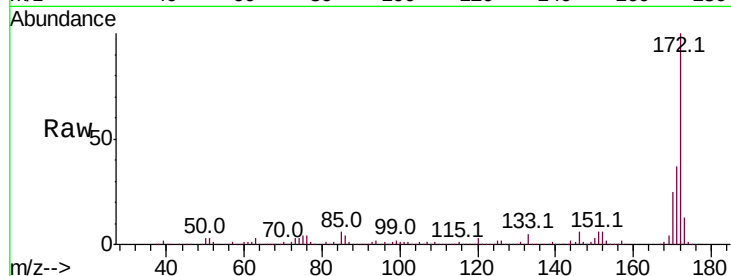




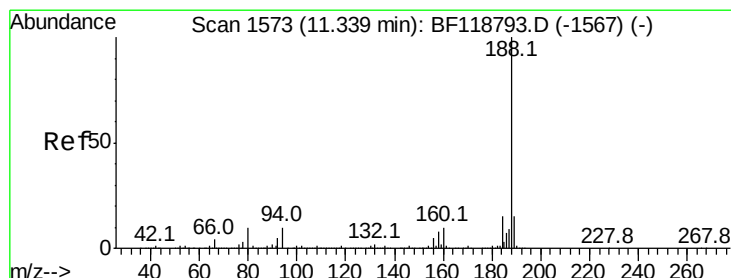
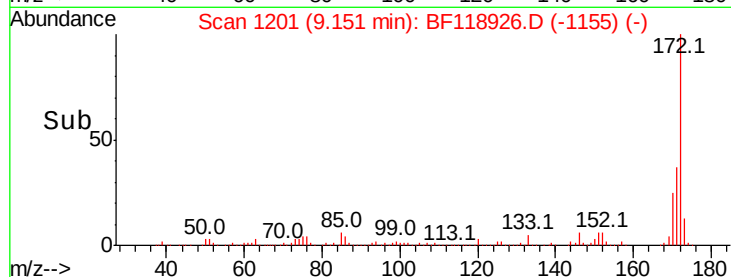
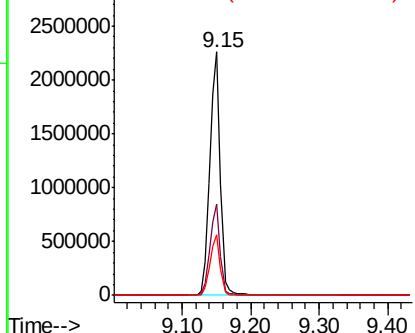
#45
2-Fluorobiphenyl
Concen: 99.168 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Instrument :
BNA_F
ClientSampleId :
SECTION-A

Tot Ion:172 Resp: 2414421
Ion Ratio Lower Upper
172 100
171 37.2 30.8 46.2
170 24.8 20.5 30.7

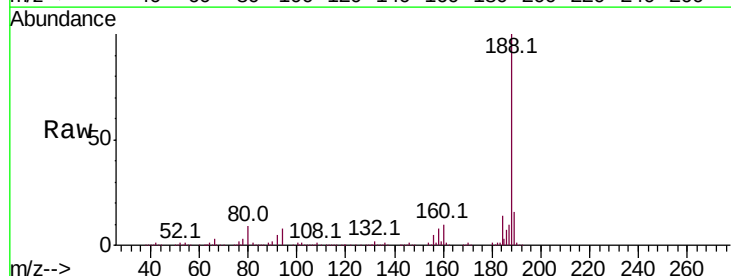


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

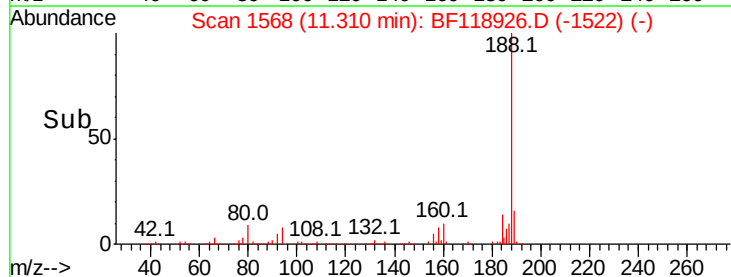
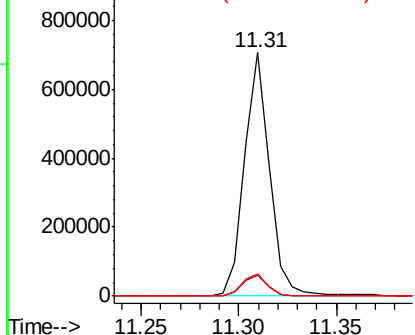


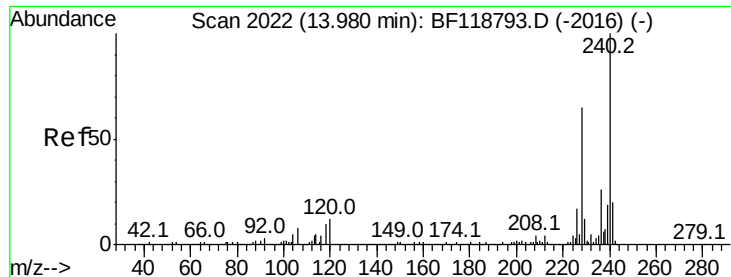
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF118926.D
Acq: 13 Feb 2020 18:25

Tgt Ion:188 Resp: 627031
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.2 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: BF118926.D

Acq: 13 Feb 2020 18:25

Instrument :

BNA_F

ClientSampleId :

SECTION-A

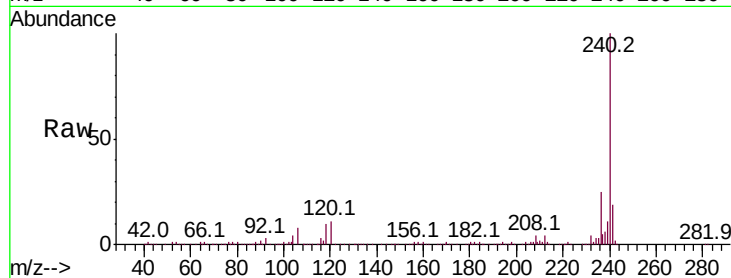
Tot Ion:240 Resp: 617619

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.0

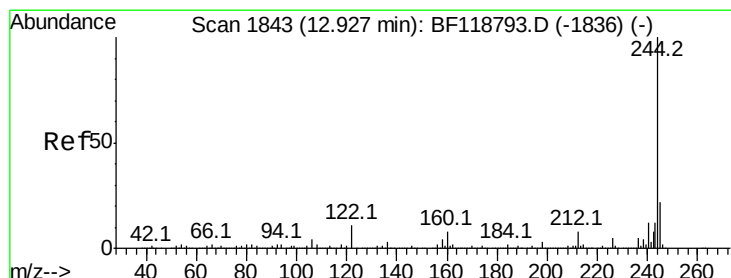
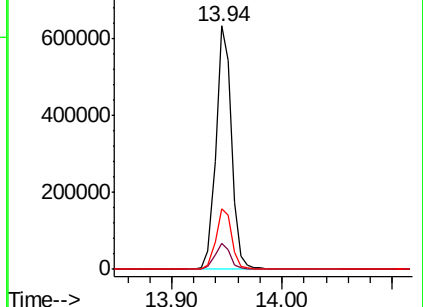
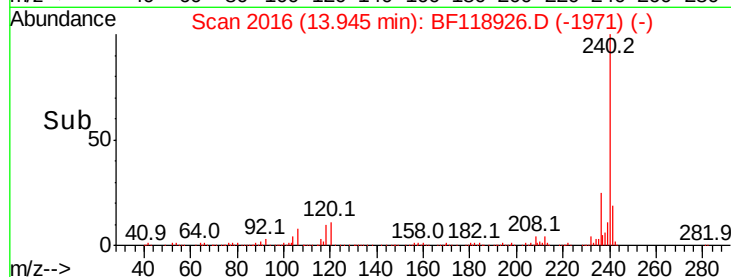
236 25.1 21.0 31.6



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: 82.597 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118926.D

Acq: 13 Feb 2020 18:25

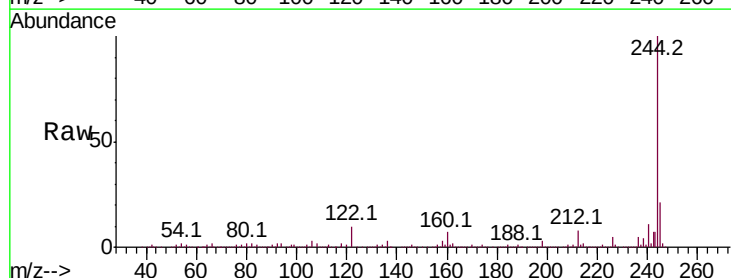
Tgt Ion:244 Resp: 2483576

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

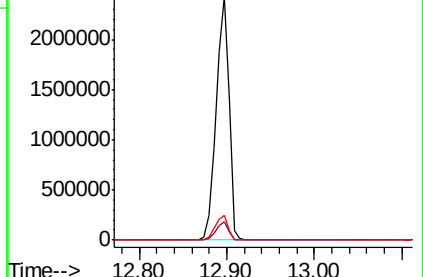
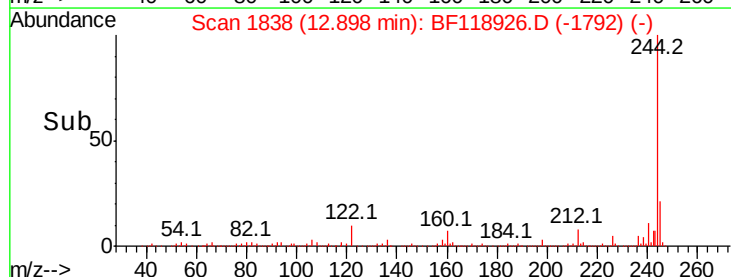
122 10.4 8.9 13.3

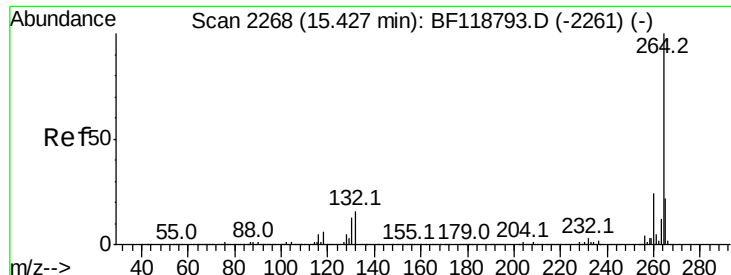


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF118926.D
 Acq: 13 Feb 2020 18:25

Instrument :
 BNA_F
 ClientSampleId :
 SECTION-A

Tot Ion:264 Resp: 615092
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.2 17.2 25.8

