

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118133.D
 Acq On : 7 Dec 2019 17:07
 Operator : JU
 Sample : K6174-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-COMP

Quant Time: Dec 09 07:00:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

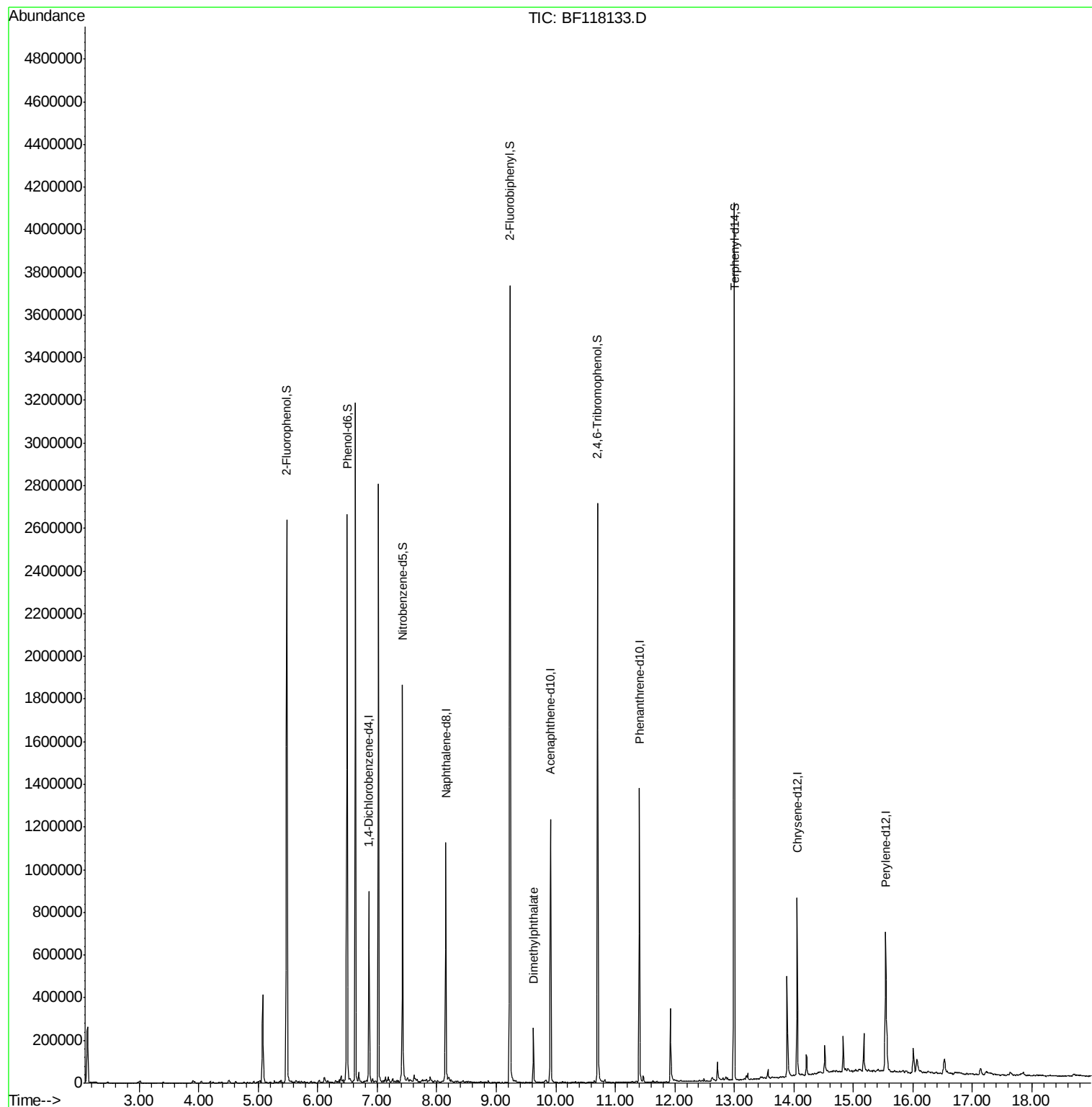
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	123815	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	485571	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	264758	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	498101	20.00	ng	0.00
76) Chrysene-d12	14.06	240	277101	20.00	ng	-0.01
87) Perylene-d12	15.54	264	299186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	785792	111.16	ng	0.00
7) Phenol-d6	6.50	99	997944	116.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	604006	69.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	339568	105.58	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1240842	71.31	ng	0.00
79) Terphenyl-d14	13.00	244	1336817	82.96	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	109689	5.609	ng	Qvalue 99

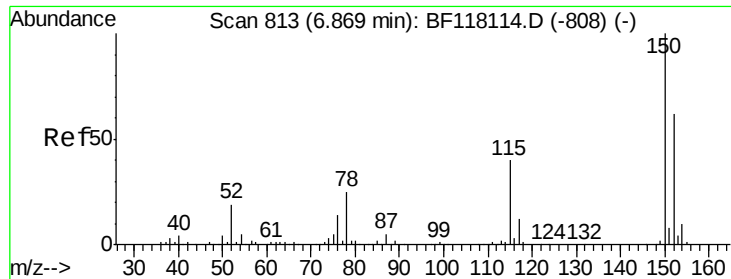
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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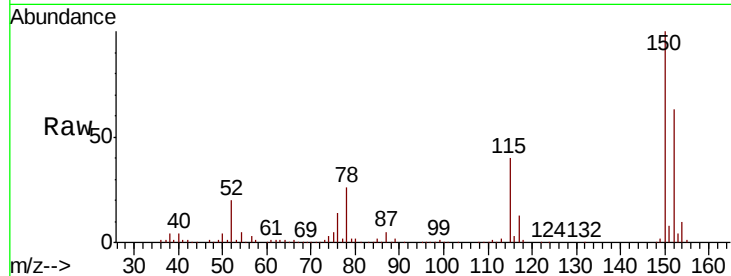


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :
SOLID-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	128.3	192.5
115	63.6	51.1	76.7

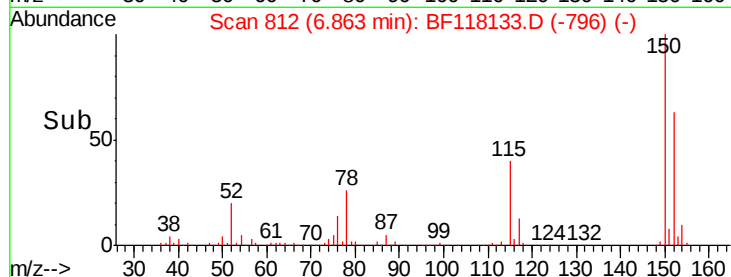
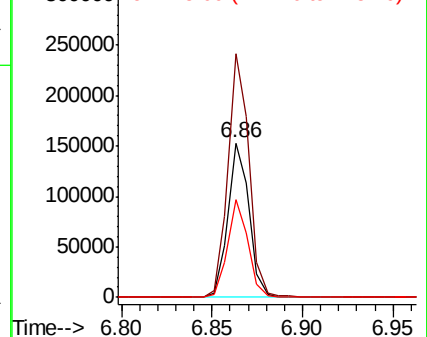


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

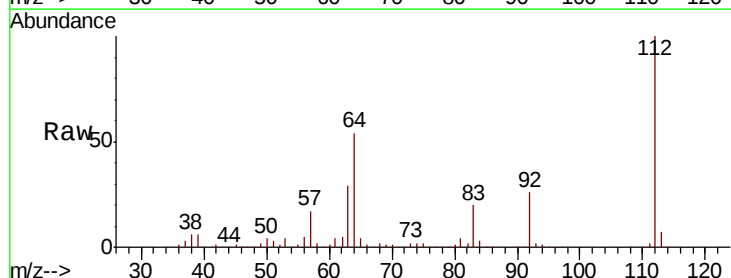
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 111.157 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	41.3	61.9
63	29.3	22.4	33.6

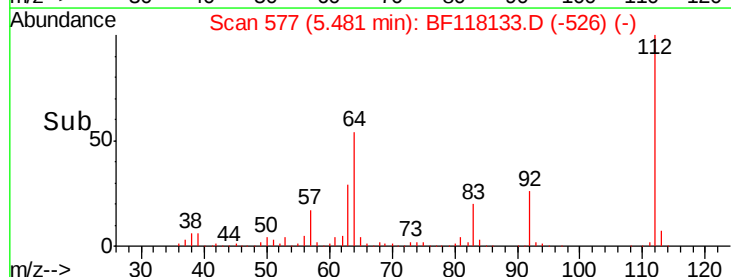
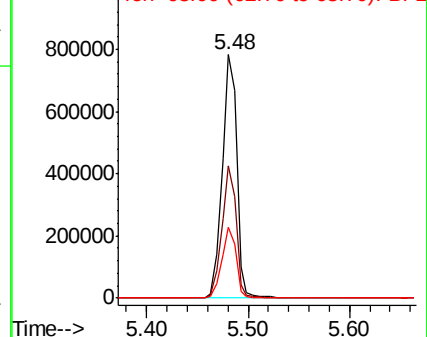


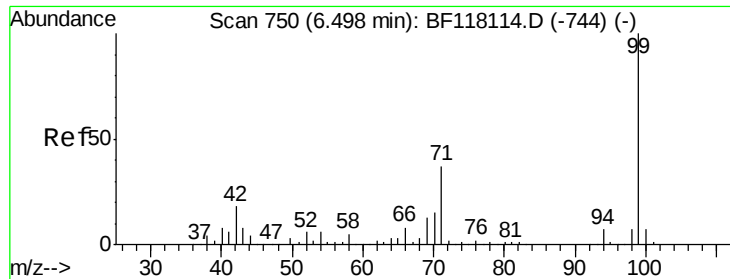
Abundance

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: 116.713 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

SOLID-COMP

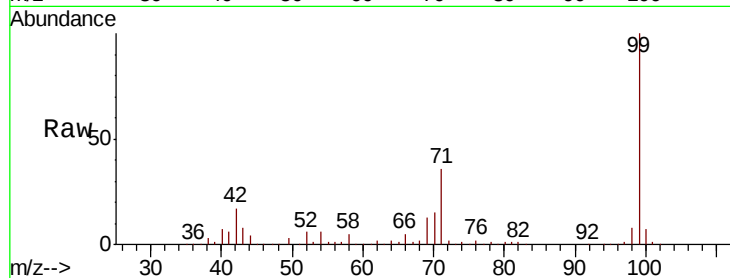
Tot Ion: 99 Resp: 997944

Ion Ratio Lower Upper

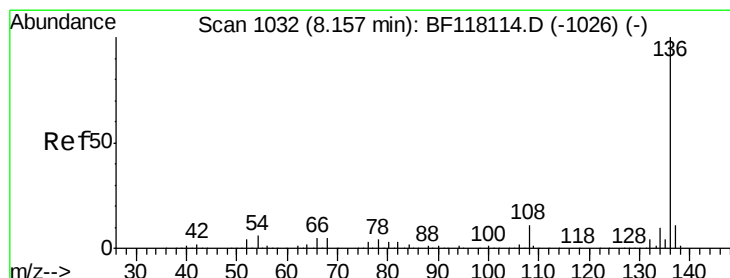
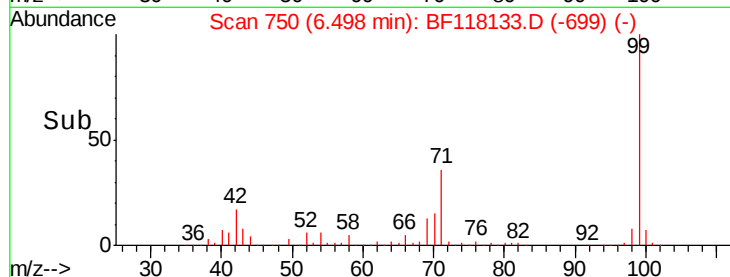
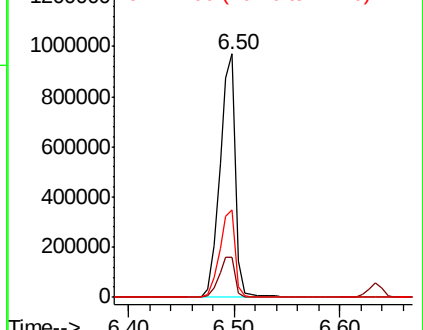
99 100

42 16.6 14.1 21.1

71 36.0 29.7 44.5



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Tgt Ion: 136 Resp: 485571

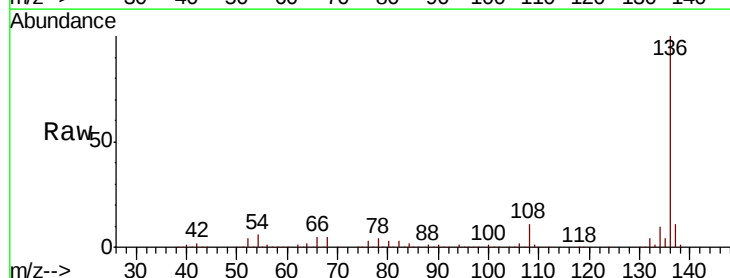
Ion Ratio Lower Upper

136 100

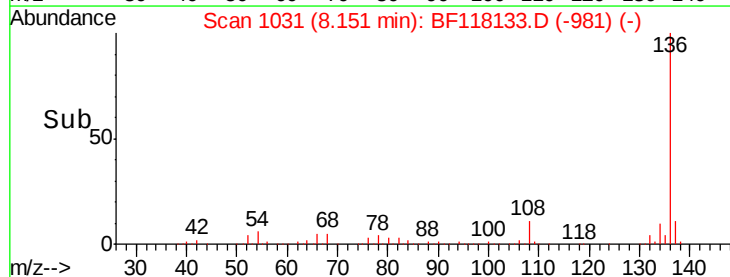
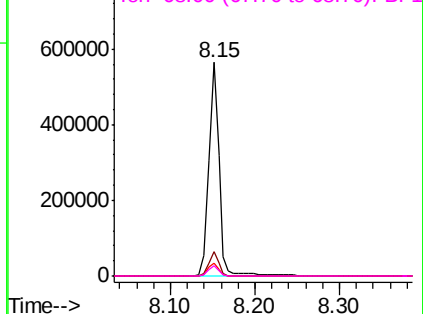
137 11.4 9.0 13.6

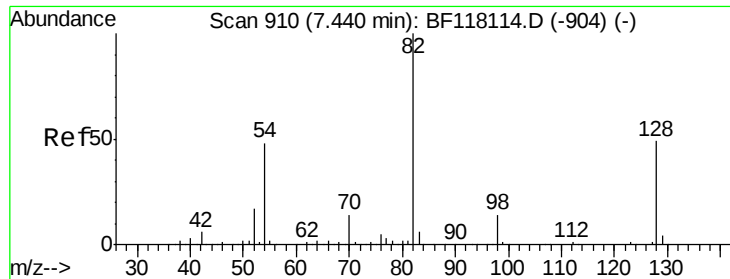
54 6.2 5.0 7.6

68 4.8 3.8 5.8



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

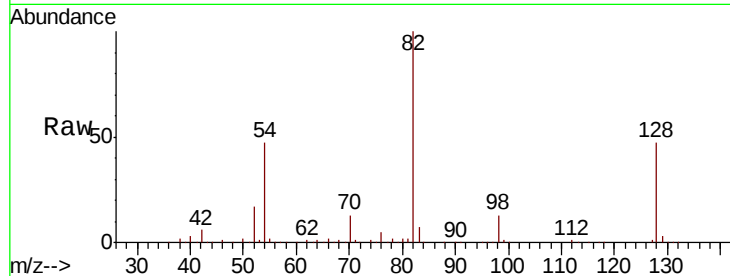




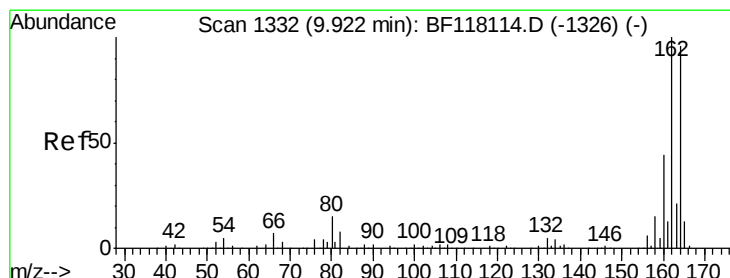
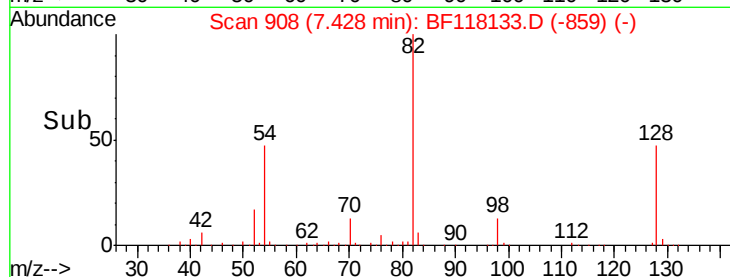
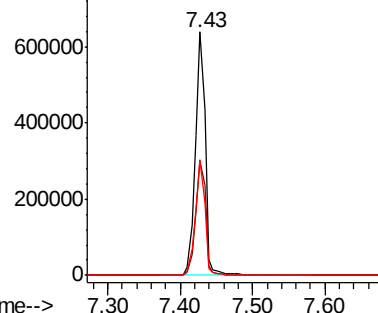
#23
 Nitrobenzene-d5
 Concen: 69.980 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-COMP

Tot Ion: 82 Resp: 604006
 Ion Ratio Lower Upper
 82 100
 128 46.9 39.1 58.7
 54 47.2 38.2 57.2

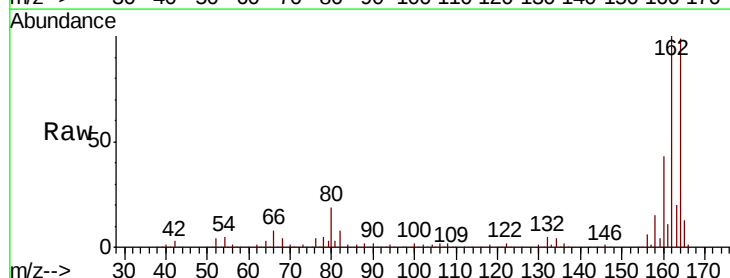


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

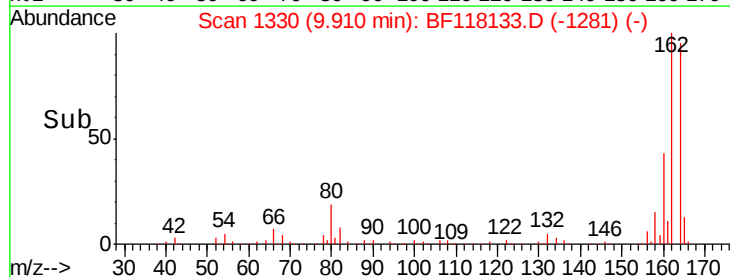
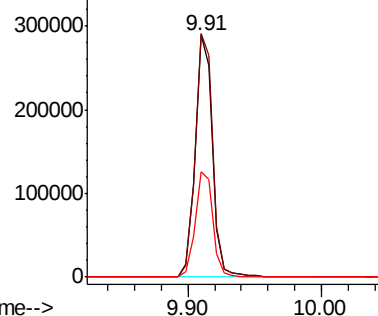


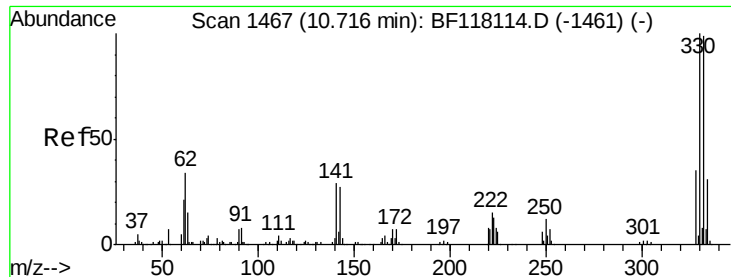
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Tgt Ion: 164 Resp: 264758
 Ion Ratio Lower Upper
 164 100
 162 100.7 83.4 125.0
 160 43.6 36.6 54.8



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: 105.576 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

SOLID-COMP

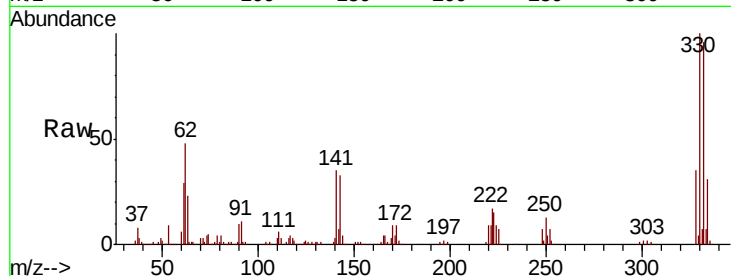
Tot Ion:330 Resp: 339568

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

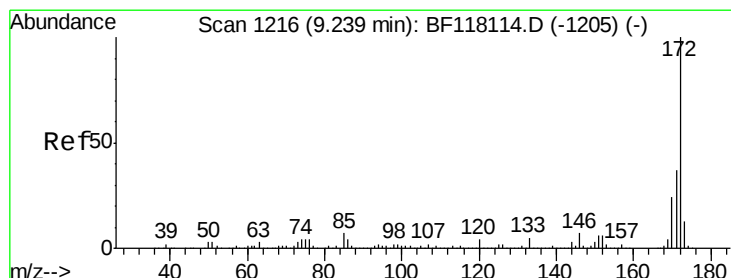
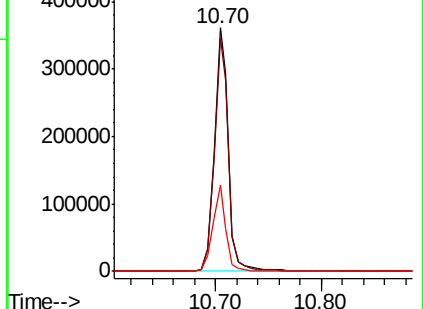
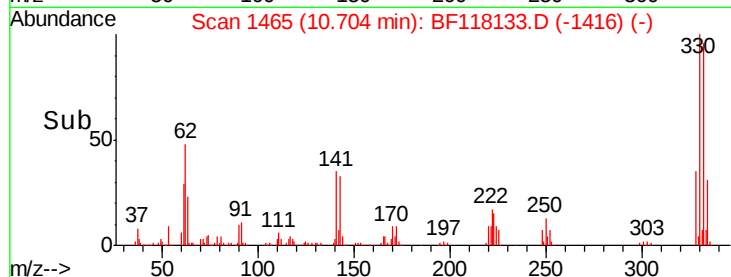
141 33.0 26.9 40.3



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: 71.315 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

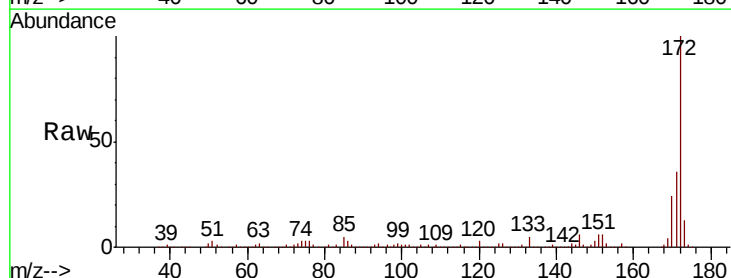
Tgt Ion:172 Resp: 1240842

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

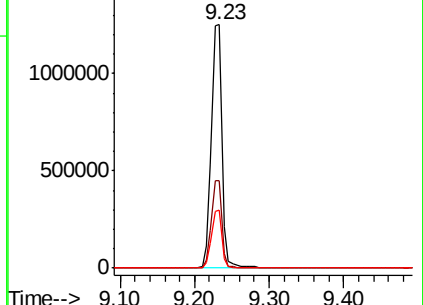
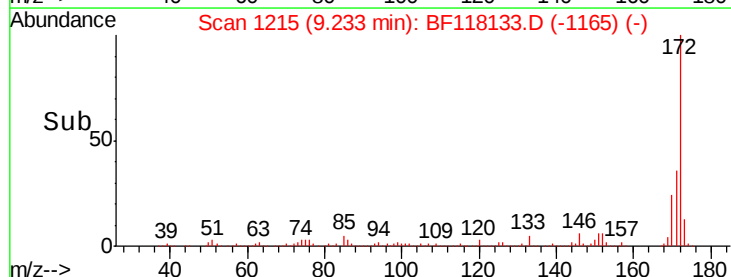
170 23.9 19.4 29.2

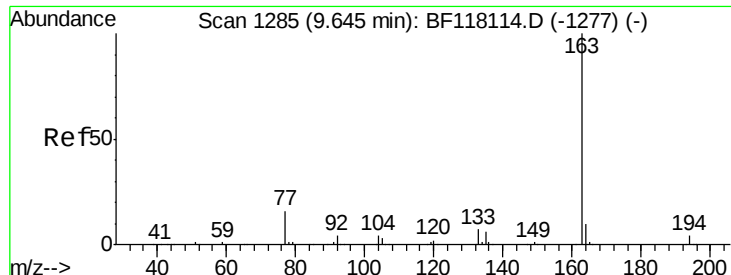


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

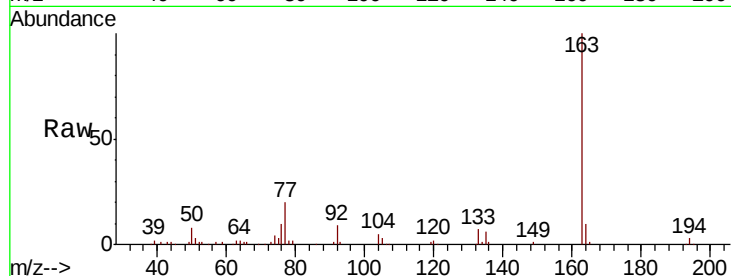




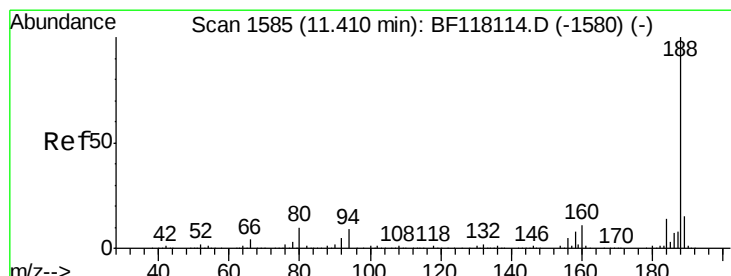
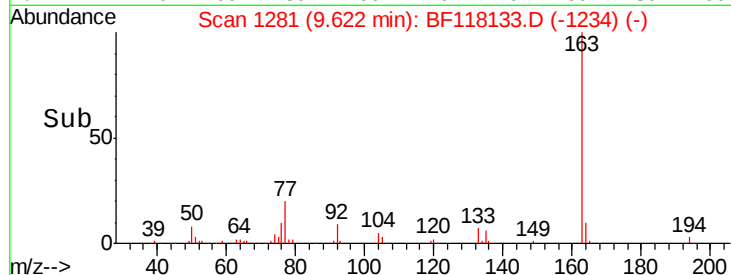
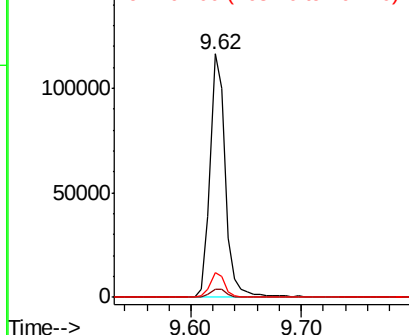
#50
Dimethylphthalate
Concen: 5.609 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :
SOLID-COMP

Tot Ion:163 Resp: 109689
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.0 7.7 11.5

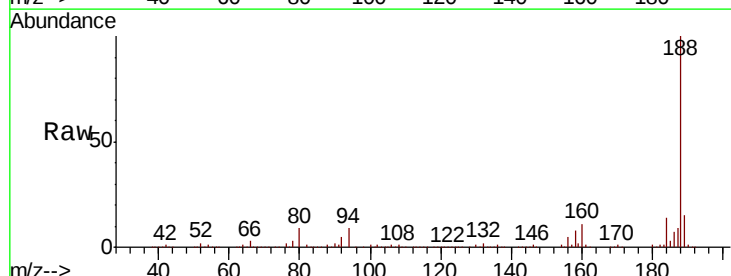


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

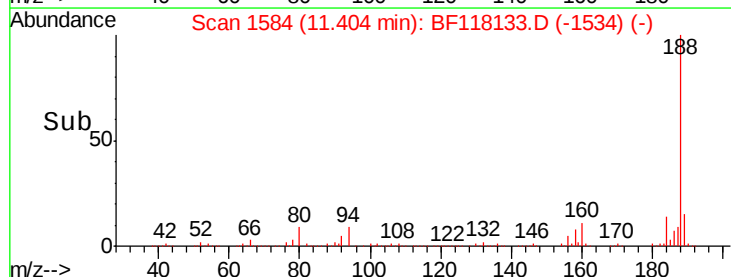
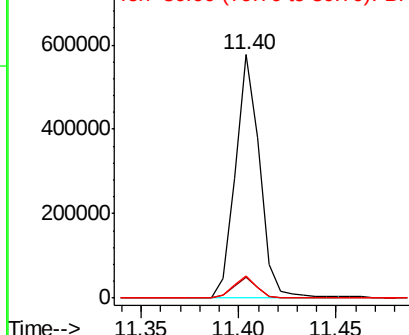


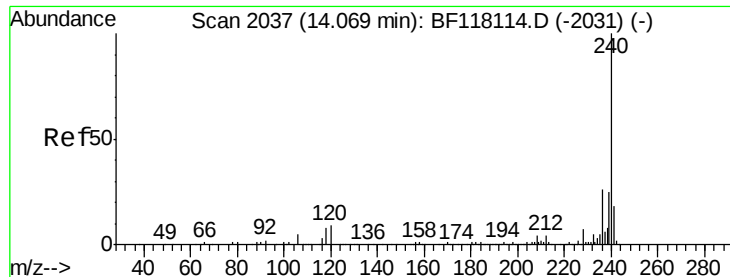
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118133.D
Acq: 7 Dec 2019 17:07

Tgt Ion:188 Resp: 498101
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 8.9 7.9 11.9



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

SOLID-COMP

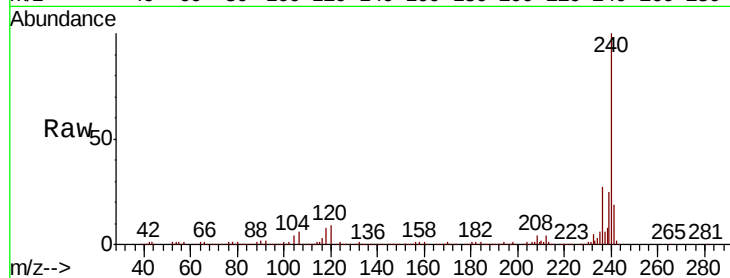
Tot Ion:240 Resp: 277101

Ion Ratio Lower Upper

240 100

120 9.5 7.1 10.7

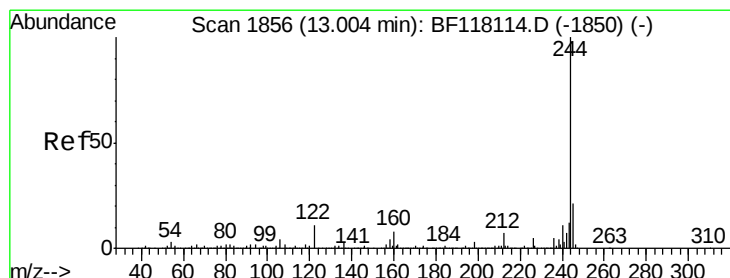
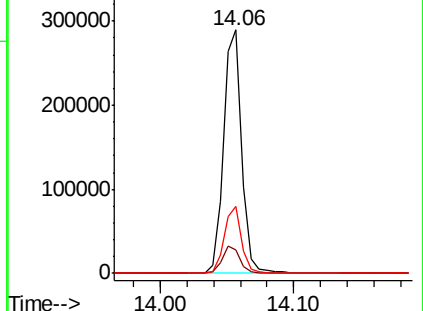
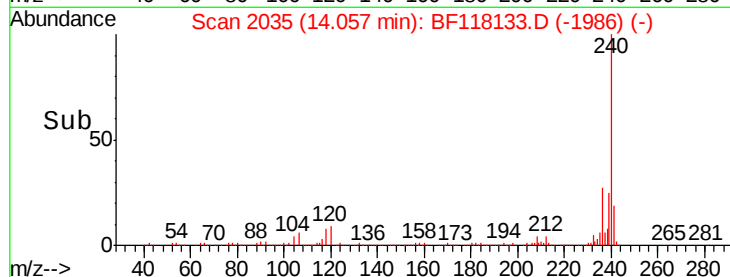
236 27.3 21.0 31.6



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: 82.960 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118133.D

Acq: 7 Dec 2019 17:07

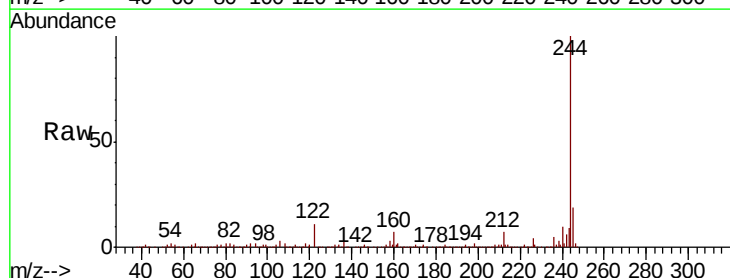
Tgt Ion:244 Resp: 1336817

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

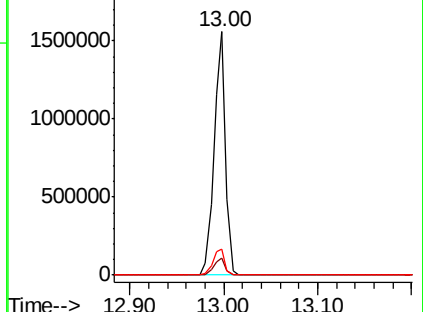
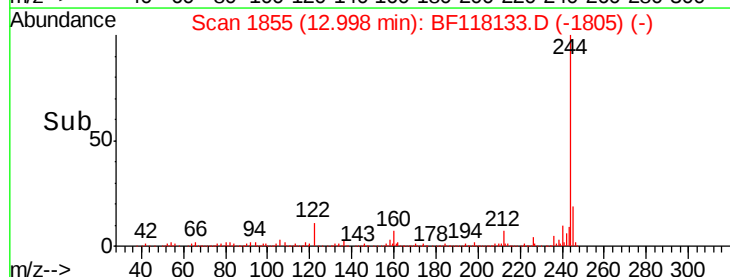
122 10.6 9.0 13.6

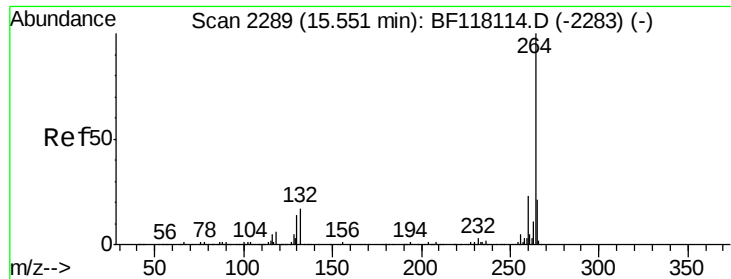


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
 Delta R.T. -0.01 min
 Lab File: BF118133.D
 Acq: 7 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 SOLID-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.1	16.8	25.2

