

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119134.D
 Acq On : 28 Feb 2020 16:34
 Operator : CG/JU
 Sample : L1719-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MP-1-COMP

Quant Time: Mar 02 03:00:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

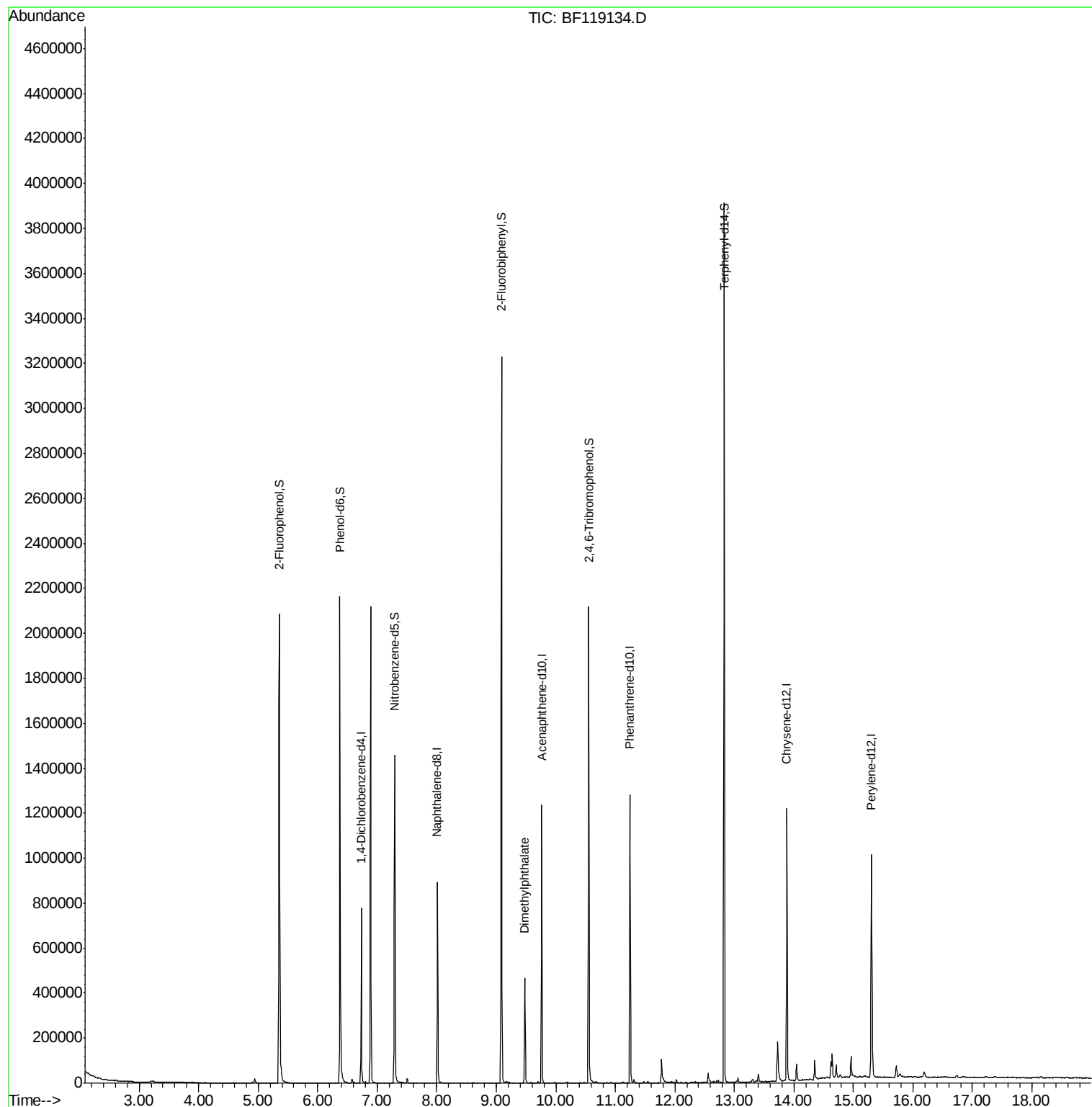
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	119022	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	450594	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	247793	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	480385	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	412199	20.00	ng	-0.02
87) Perylene-d12	15.30	264	426400	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	649556	91.20	ng	-0.01
7) Phenol-d6	6.37	99	781761	90.25	ng	-0.03
23) Nitrobenzene-d5	7.29	82	510835	59.86	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	294109	90.73	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1049853	62.42	ng	-0.02
79) Terphenyl-d14	12.83	244	1402050	58.56	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.48	163	195850	10.336	ng	Qvalue 99

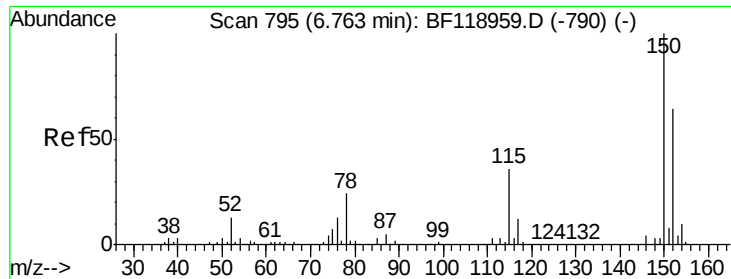
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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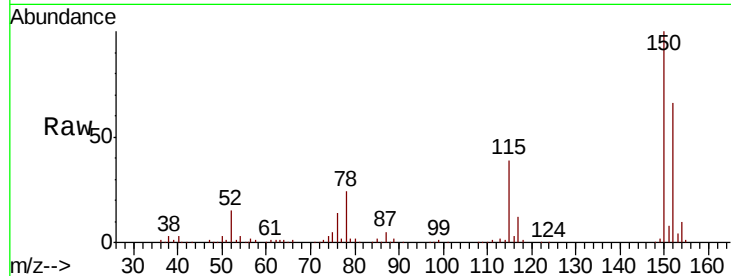


#1

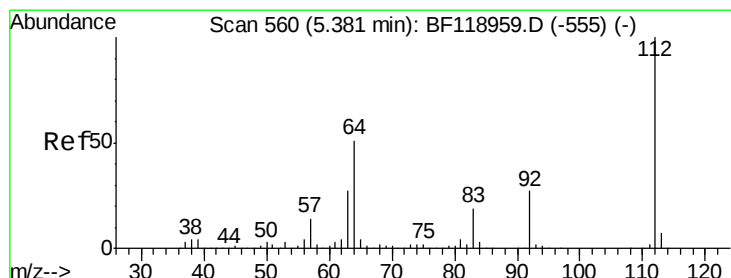
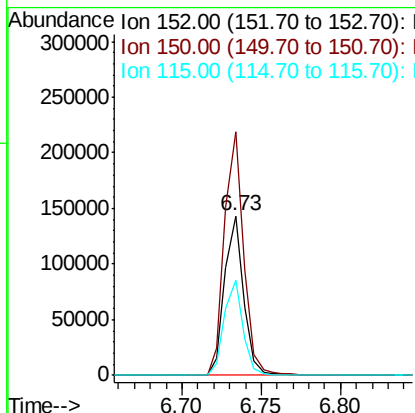
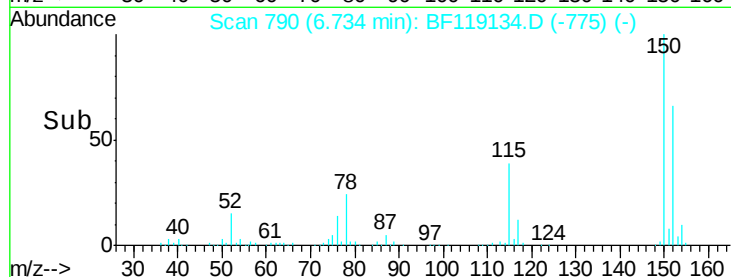
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Instrument :
BNA_F
ClientSampleId :
MP-1-COMP

Tot Ion:152 Resp: 119022
Ion Ratio Lower Upper
152 100
150 152.6 123.0 184.6
115 59.5 49.5 74.3



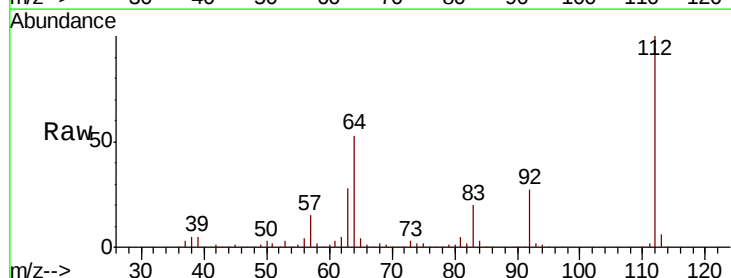
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



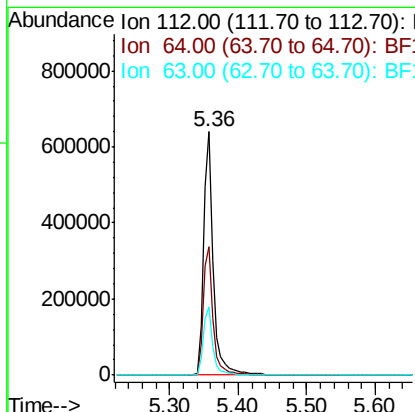
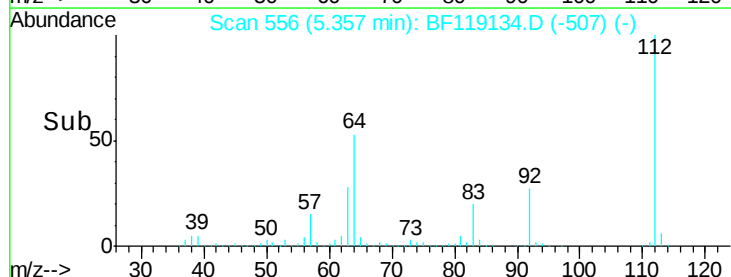
#5

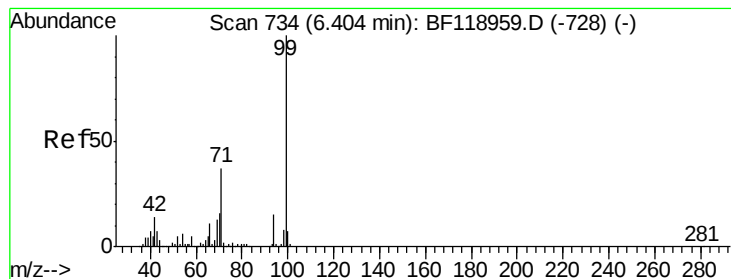
2-Fluorophenol
Concen: 91.204 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119134.D
Acq: 28 Feb 2020 16:34

Tgt Ion:112 Resp: 649556
Ion Ratio Lower Upper
112 100
64 52.7 45.0 67.4
63 27.9 24.2 36.4



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: 90.255 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Instrument :

BNA_F

ClientSampled :

MP-1-COMP

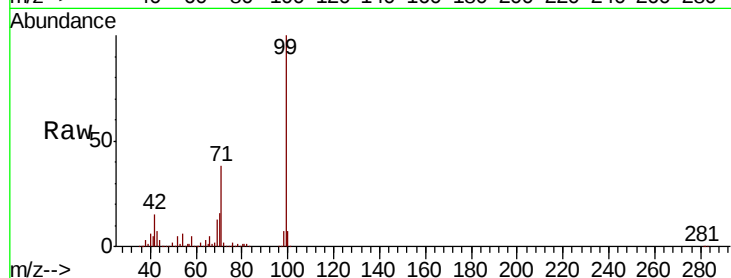
Tot Ion: 99 Resp: 781761

Ion Ratio Lower Upper

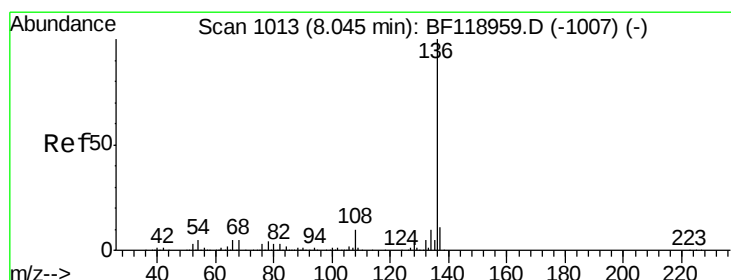
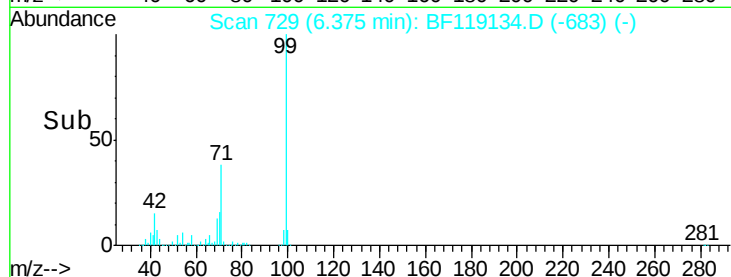
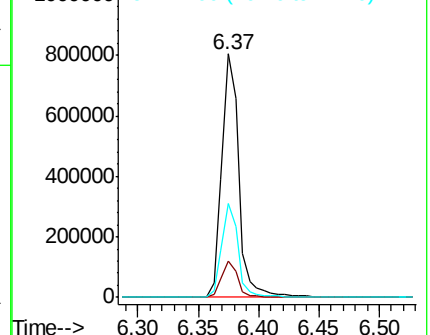
99 100

42 14.9 12.6 18.8

71 38.5 31.0 46.4



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: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Tgt Ion: 136 Resp: 450594

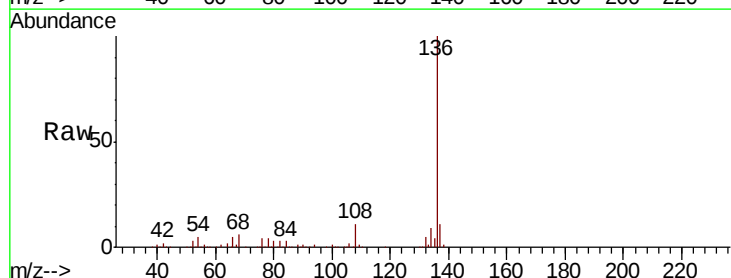
Ion Ratio Lower Upper

136 100

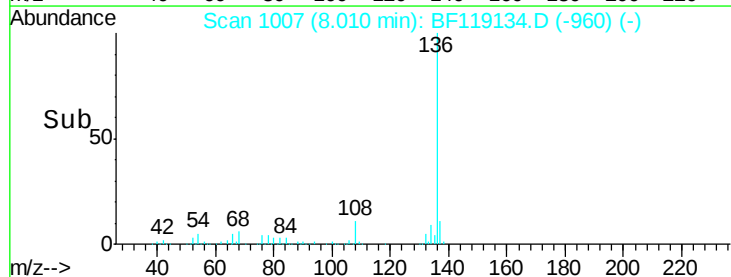
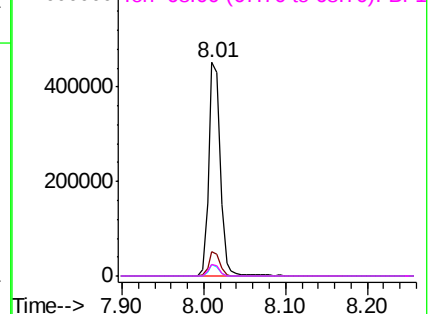
137 11.2 8.8 13.2

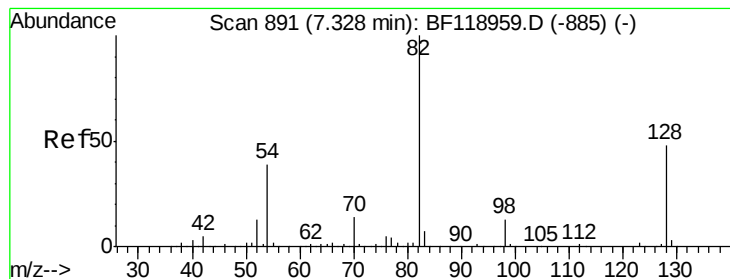
54 5.5 3.8 5.6

68 5.7 3.9 5.9



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: 59.859 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.03 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

MP-1-COMP

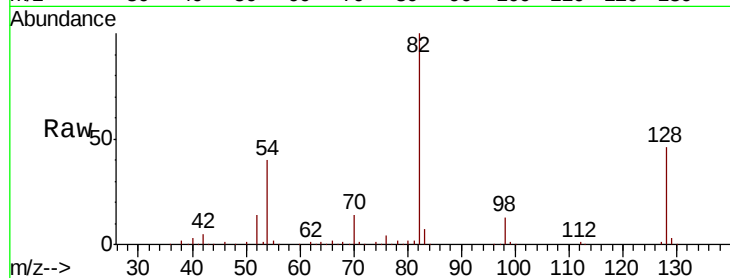
Tot Ion: 82 Resp: 510835

Ion Ratio Lower Upper

82 100

128 46.1 37.9 56.9

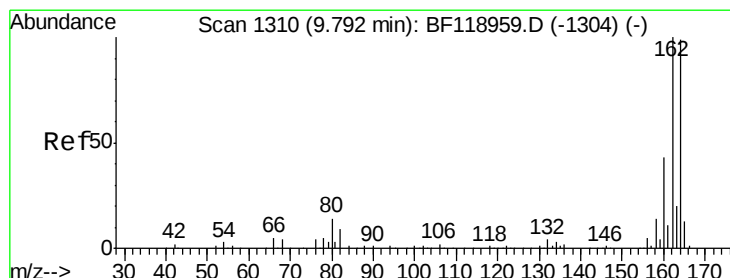
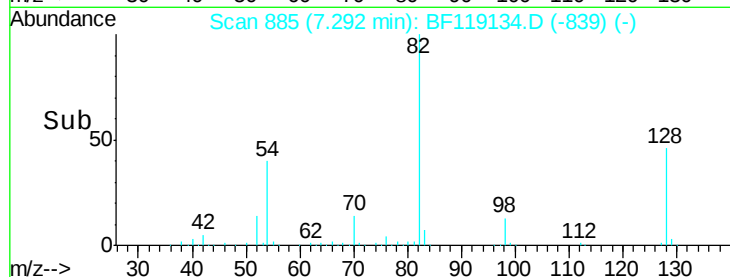
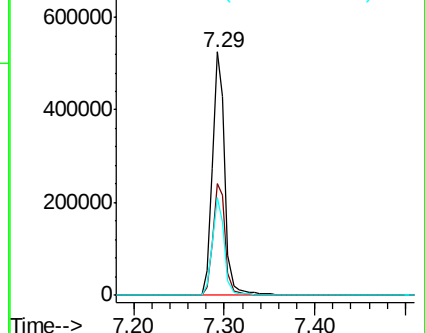
54 39.9 33.4 50.2



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

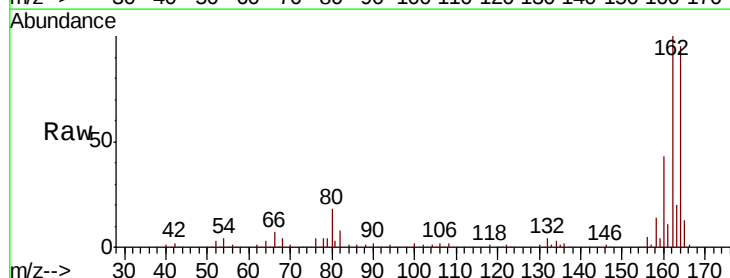
Tgt Ion:164 Resp: 247793

Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

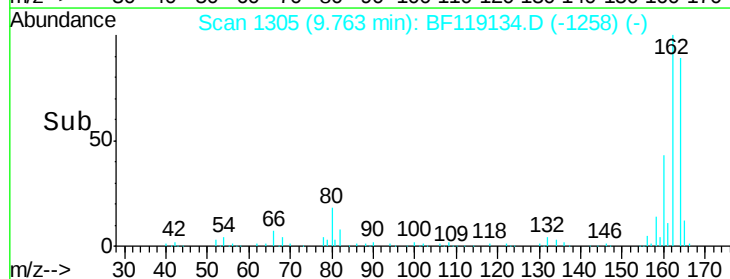
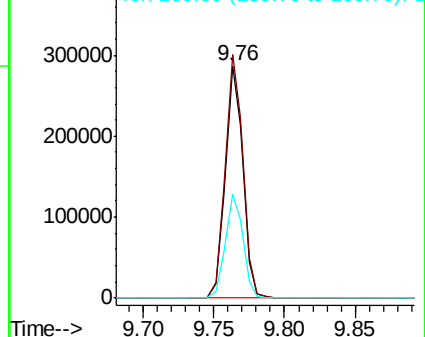
160 45.0 36.0 54.0

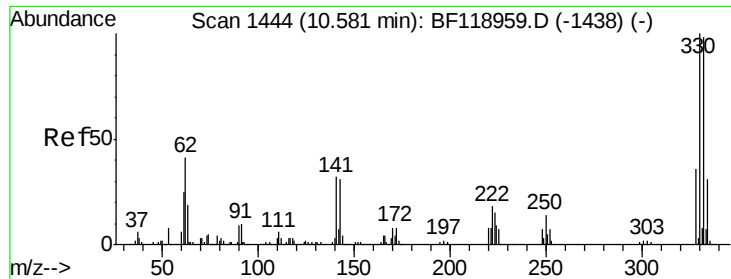


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

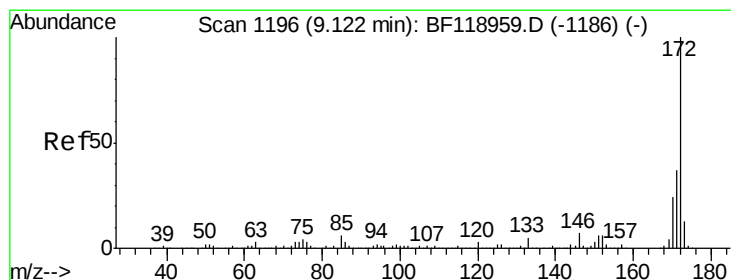
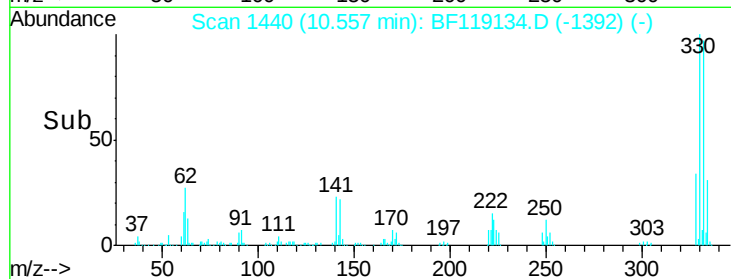
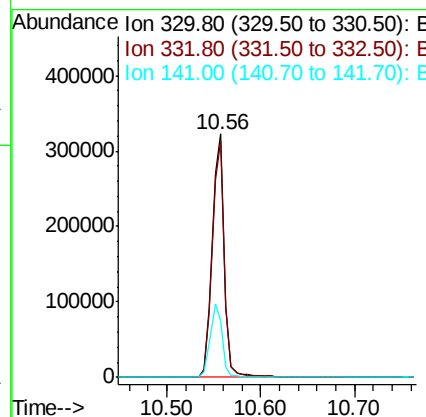
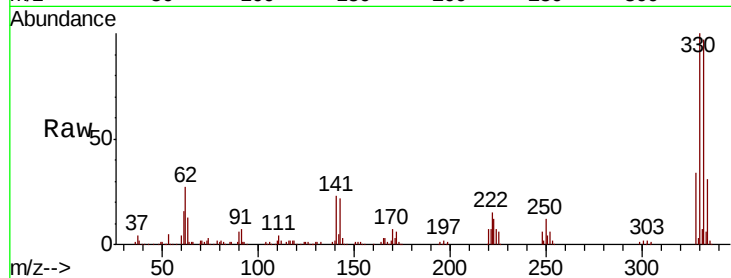




#42
 2,4,6-Tribromophenol
 Concen: 90.731 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

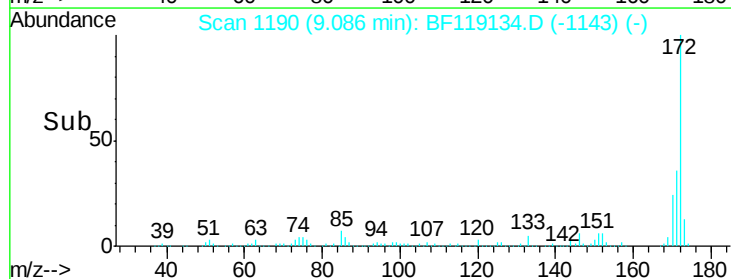
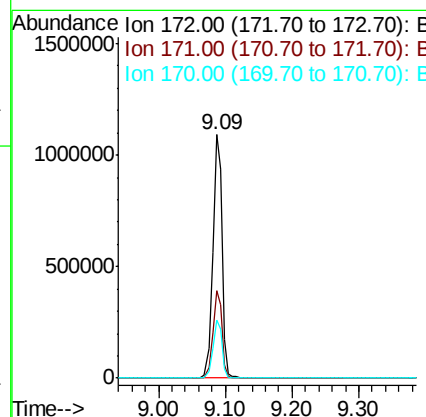
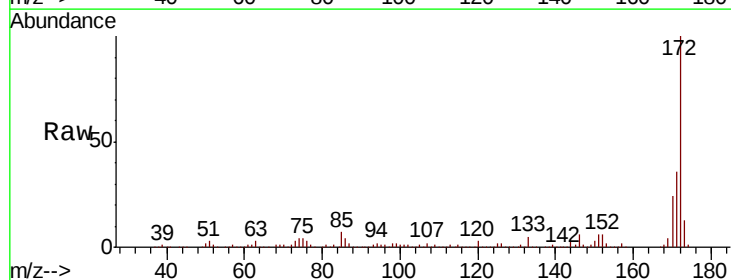
Instrument :
 BNA_F
 ClientSampleId :
 MP-1-COMP

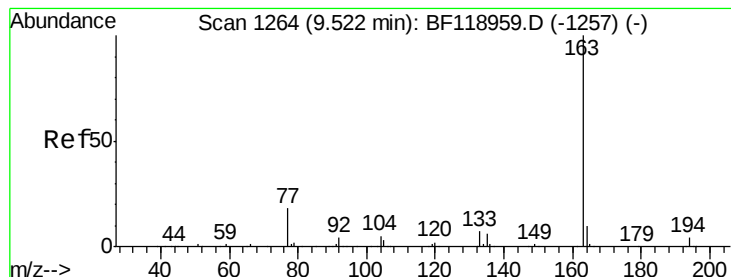
Tot Ion:330 Resp: 294109
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 30.1 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 62.416 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Tgt Ion:172 Resp: 1049853
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.6 45.8
 170 23.7 20.2 30.2





#50

Dimethylphthalate

Concen: 10.336 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.04 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

MP-1-COMP

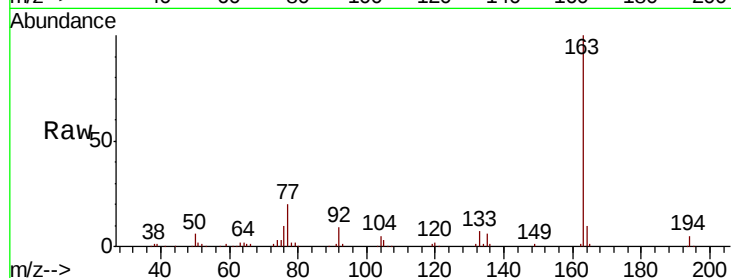
Tot Ion:163 Resp: 195850

Ion Ratio Lower Upper

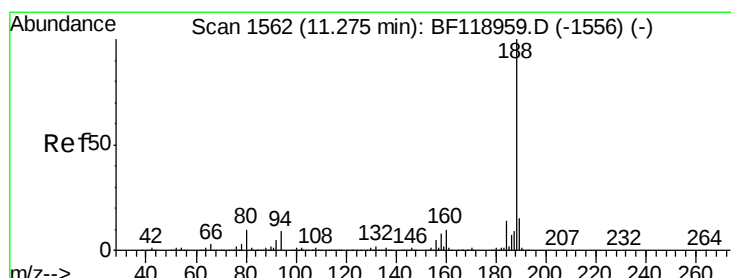
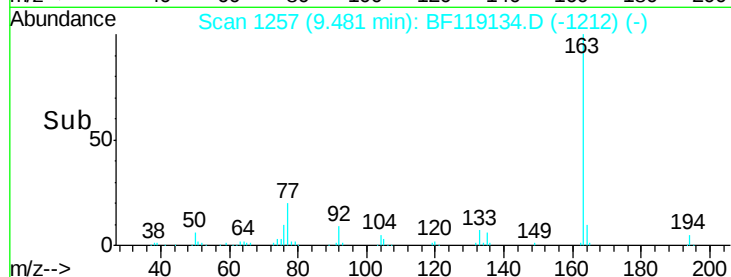
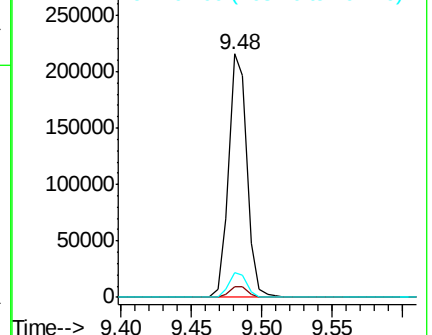
163 100

194 4.5 3.5 5.3

164 9.9 8.4 12.6



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: 11.25 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

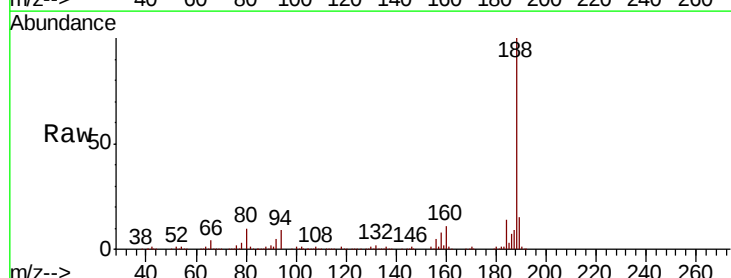
Tgt Ion:188 Resp: 480385

Ion Ratio Lower Upper

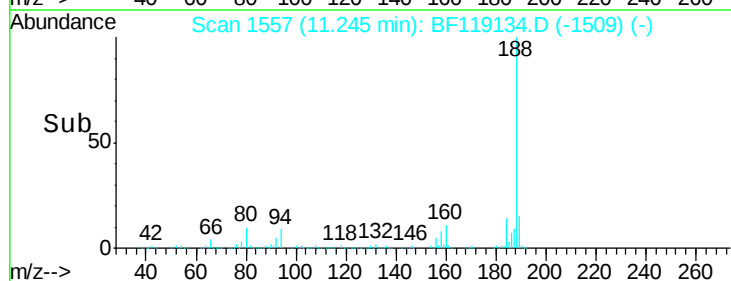
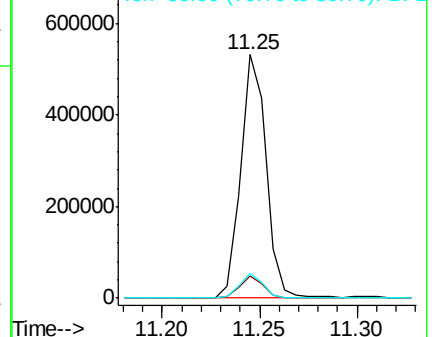
188 100

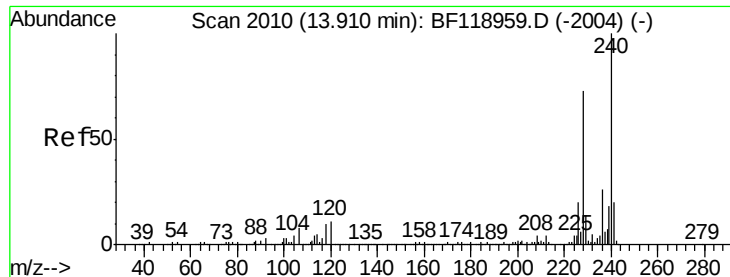
94 9.0 7.1 10.7

80 10.0 7.8 11.8



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

Instrument :

BNA_F

ClientSampleId :

MP-1-COMP

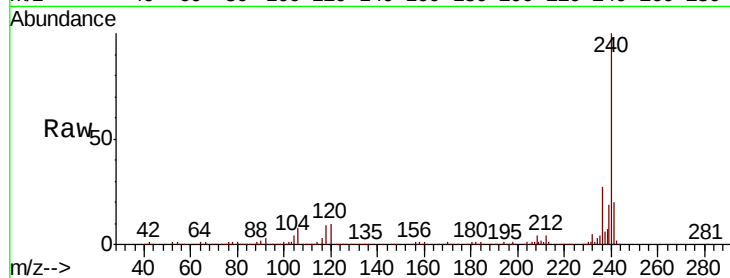
Tot Ion:240 Resp: 412199

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

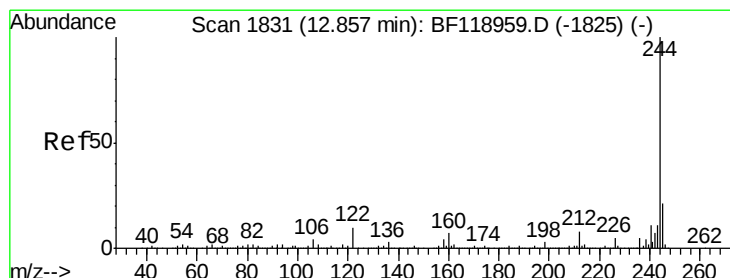
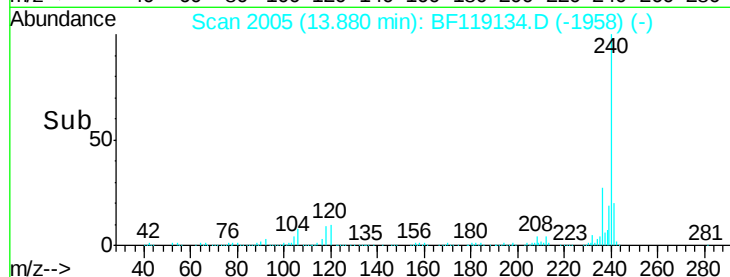
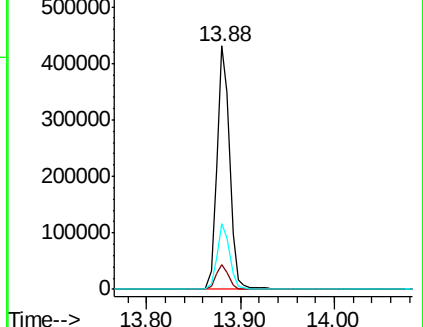
236 27.1 21.0 31.4



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: 58.561 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF119134.D

Acq: 28 Feb 2020 16:34

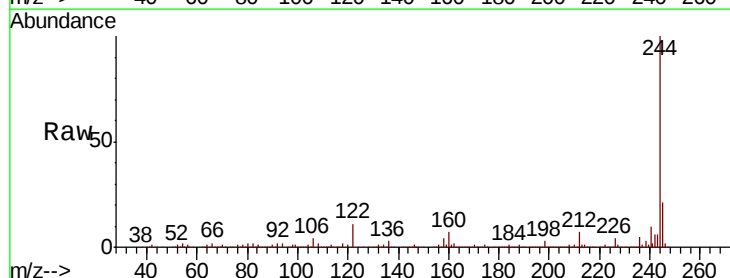
Tgt Ion:244 Resp: 1402050

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

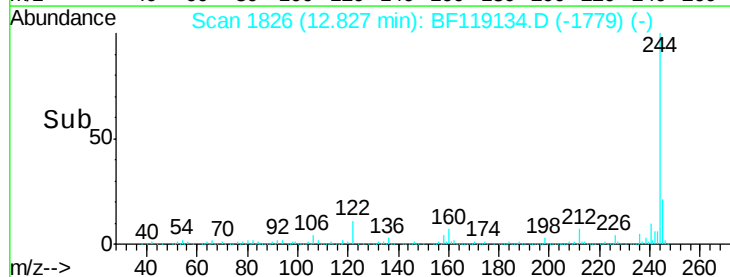
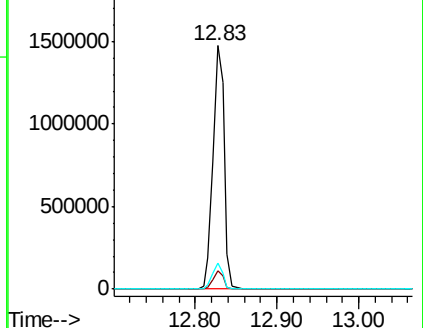
122 10.6 8.2 12.2

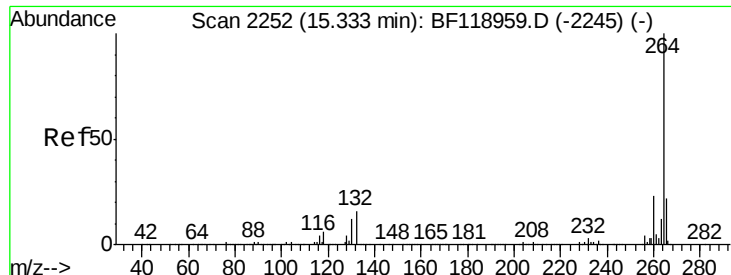


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 2247
 Delta R.T. -0.02 min
 Lab File: BF119134.D
 Acq: 28 Feb 2020 16:34

Instrument :
 BNA_F
 ClientSampleId :
 MP-1-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.7	17.7	26.5

