

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118580.D
 Acq On : 18 Jan 2020 1:33
 Operator : JU
 Sample : L1173-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0053-DECANT-H2O-COMP-5

Quant Time: Jan 18 02:40:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

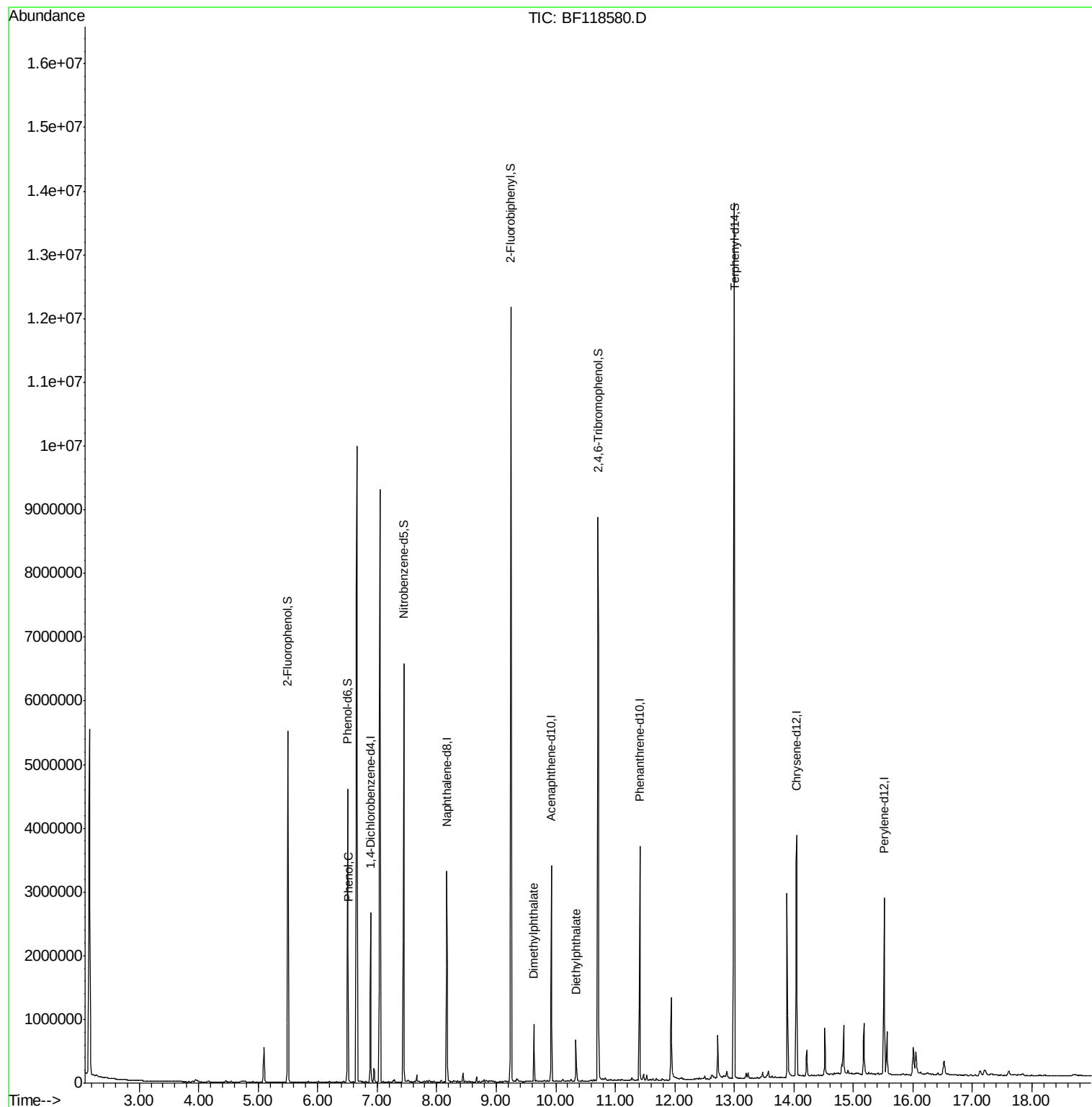
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	354052	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1296921	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	719886	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1372760	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1234388	20.00	ng	0.00
87) Perylene-d12	15.52	264	1317985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1534413	80.08	ng	0.00
7) Phenol-d6	6.50	99	1343566	53.51	ng	-0.01
23) Nitrobenzene-d5	7.45	82	2145839	102.19	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1229744	154.53	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3897908	97.75	ng	0.00
79) Terphenyl-d14	13.00	244	4923161	78.77	ng	0.00
Target Compounds						
10) Phenol	6.52	94	109302	3.968	ng	98
50) Dimethylphthalate	9.63	163	311251	6.297	ng	97
60) Diethylphthalate	10.34	149	207056	4.291	ng	95

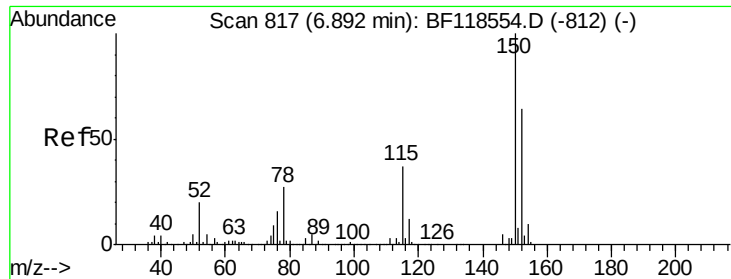
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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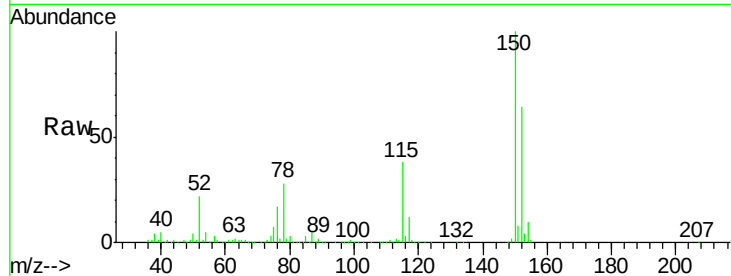


#1

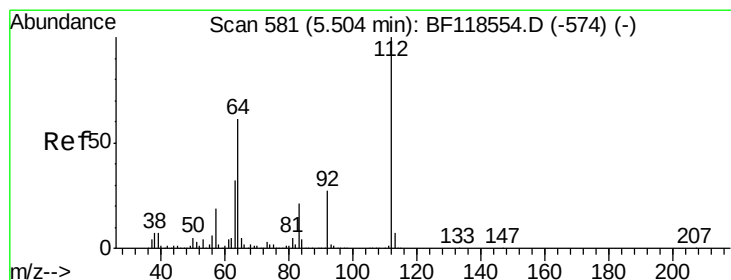
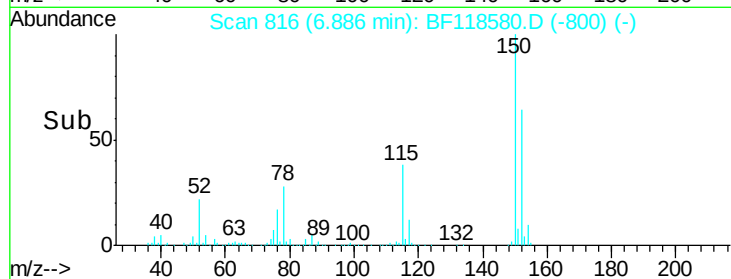
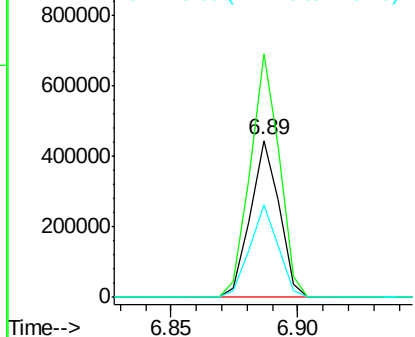
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Instrument :
BNA_F
ClientSampleId :
0053-DECANT-H2O-COMP-5

Tot Ion:152 Resp: 354052
Ion Ratio Lower Upper
152 100
150 155.5 124.9 187.3
115 59.3 45.8 68.6



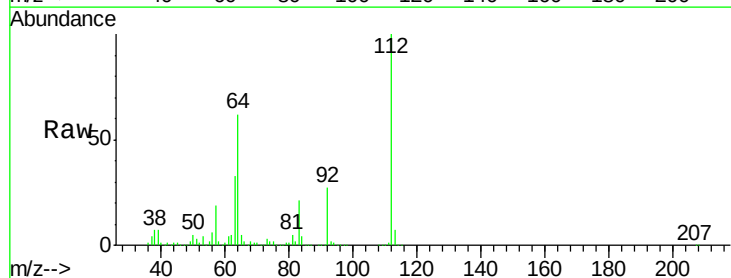
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



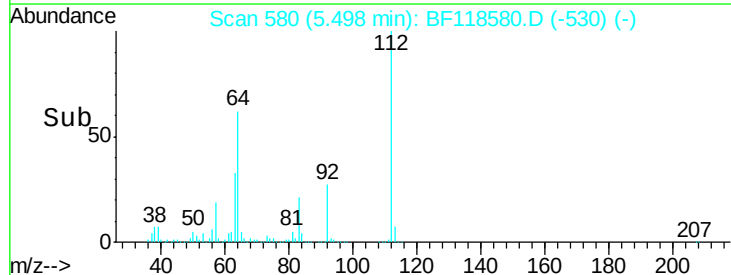
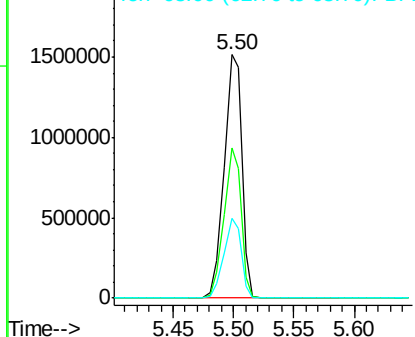
#5

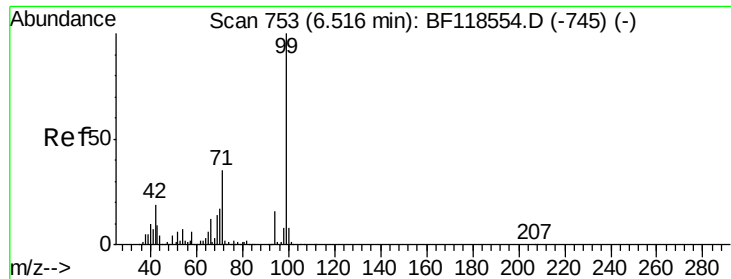
2-Fluorophenol
Concen: 80.078 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Tgt Ion:112 Resp: 1534413
Ion Ratio Lower Upper
112 100
64 61.6 49.1 73.7
63 32.9 25.8 38.8



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: 53.513 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118580.D

Acq: 18 Jan 2020 1:33

Instrument :

BNA_F

ClientSampleId :

0053-DECANT-H2O-COMP-5

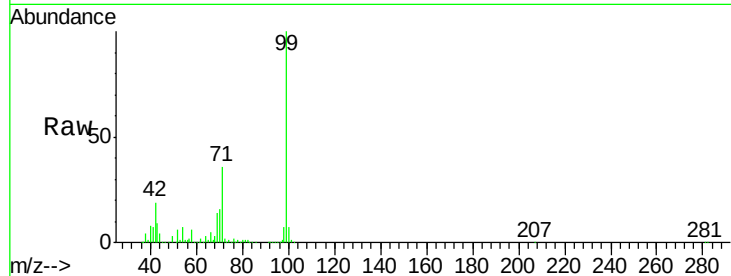
Tot Ion: 99 Resp: 1343566

Ion Ratio Lower Upper

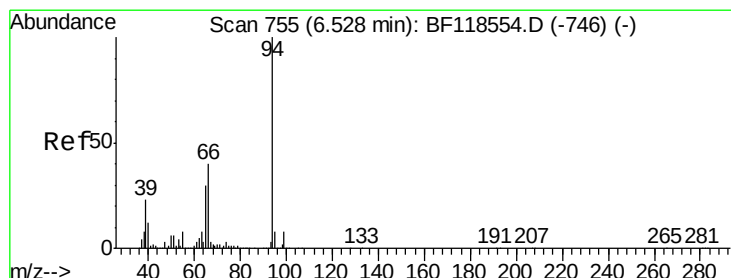
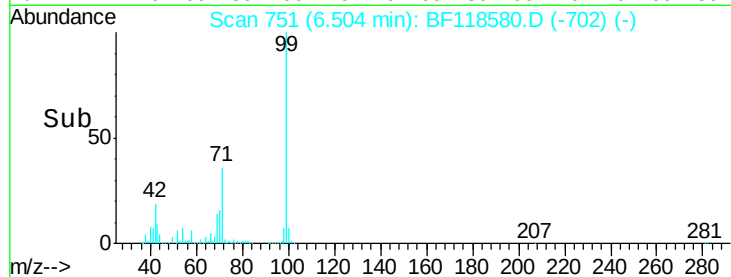
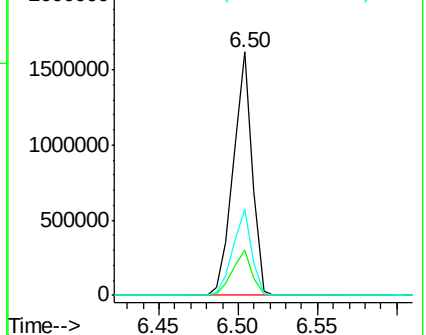
99 100

42 18.6 14.9 22.3

71 35.6 28.3 42.5



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



#10

Phenol

Concen: 3.968 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118580.D

Acq: 18 Jan 2020 1:33

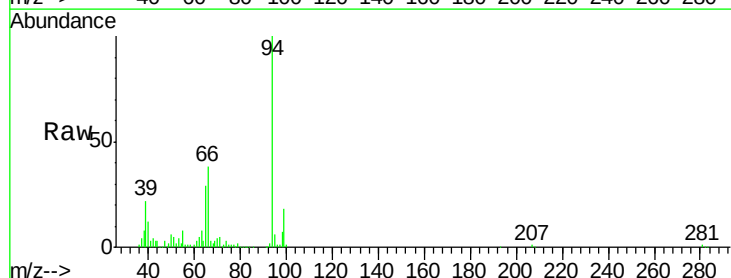
Tgt Ion: 94 Resp: 109302

Ion Ratio Lower Upper

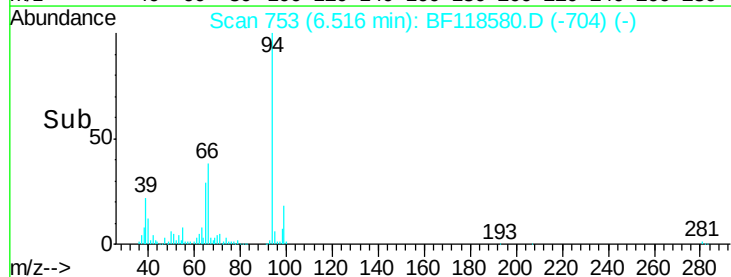
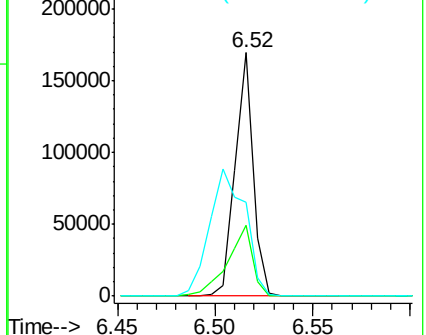
94 100

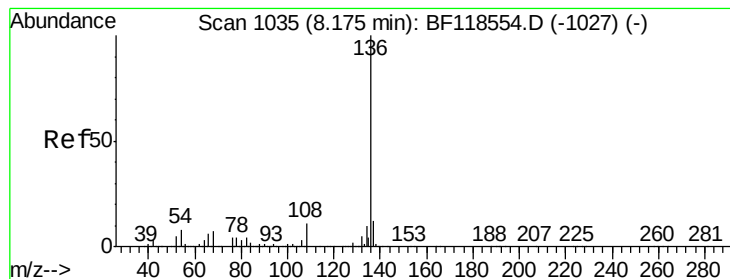
65 29.0 9.8 49.8

66 38.5 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118580.D

Acq: 18 Jan 2020 1:33

Instrument :

BNA_F

ClientSampleId :

0053-DECANT-H2O-COMP-5

Tot Ion:136 Resp: 1296921

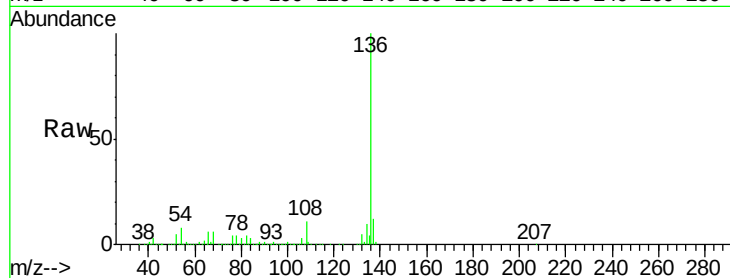
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 7.5 6.2 9.2

68 6.4 5.4 8.0

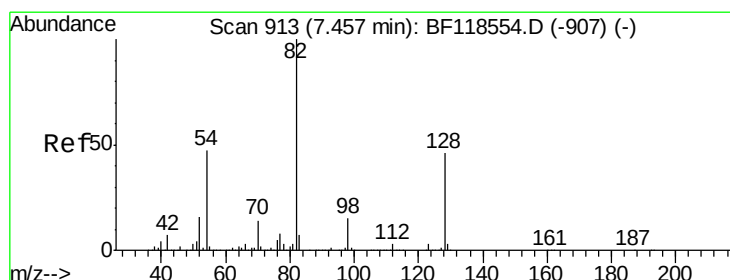
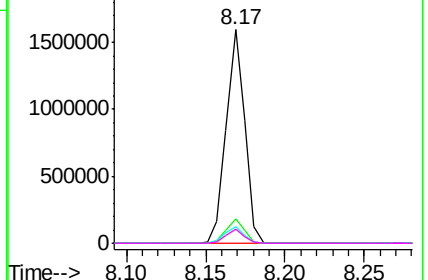
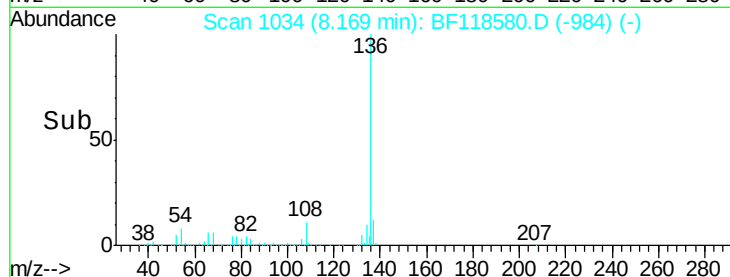


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.189 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF118580.D

Acq: 18 Jan 2020 1:33

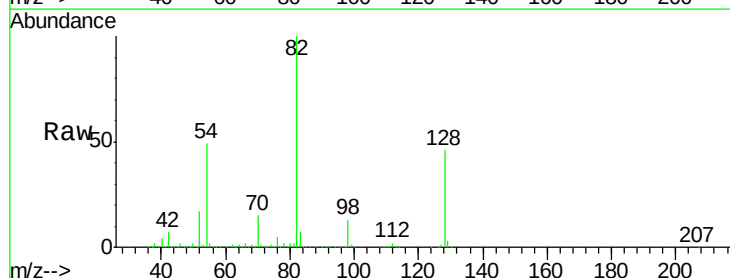
Tgt Ion: 82 Resp: 2145839

Ion Ratio Lower Upper

82 100

128 45.8 37.0 55.4

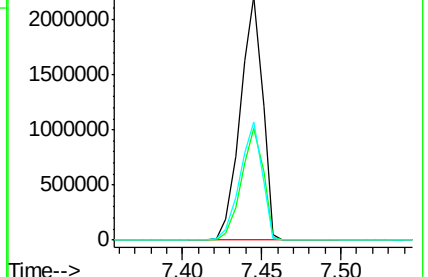
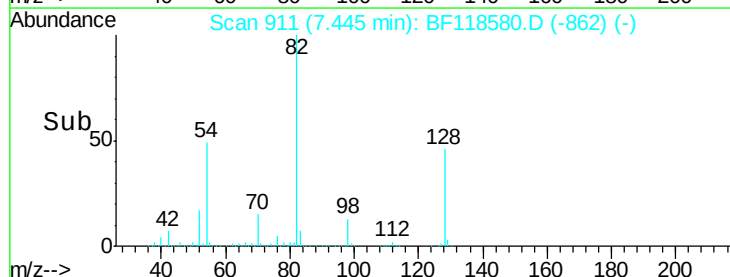
54 48.6 37.4 56.0

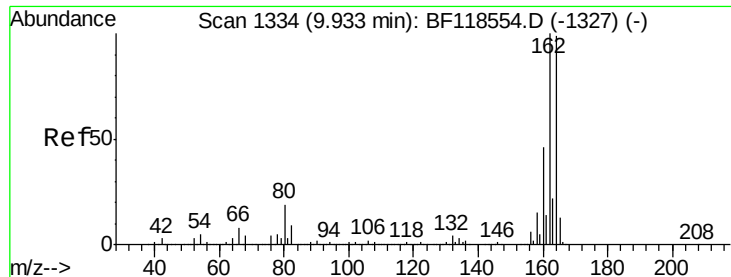


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

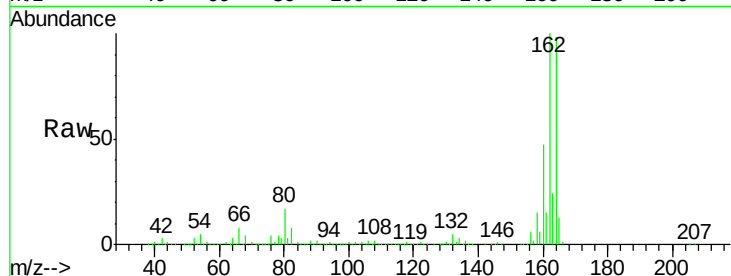




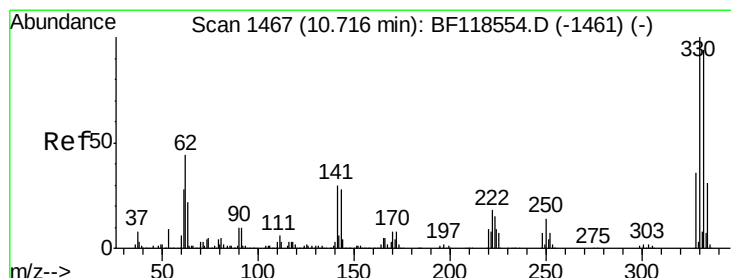
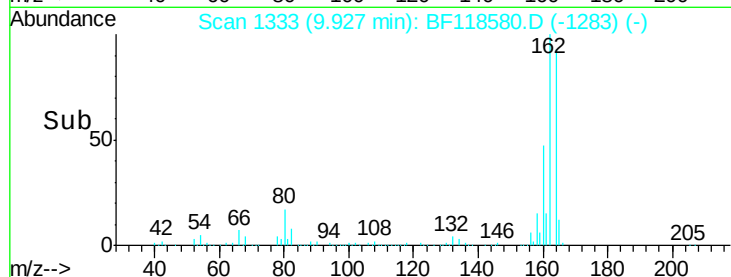
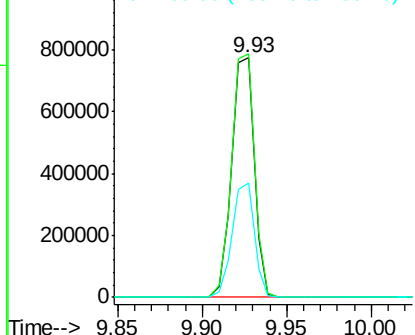
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Instrument :
BNA_F
ClientSampleId :
0053-DECANT-H2O-COMP-5

Tot Ion:164 Resp: 719886
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 47.5 36.7 55.1

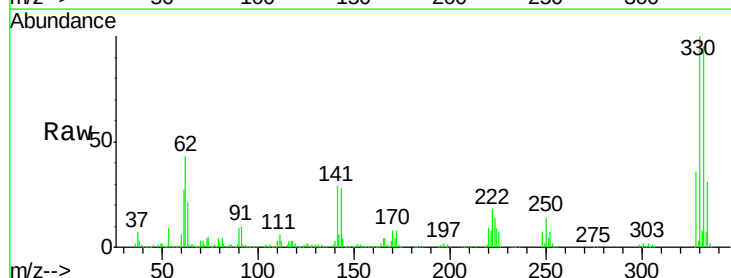


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

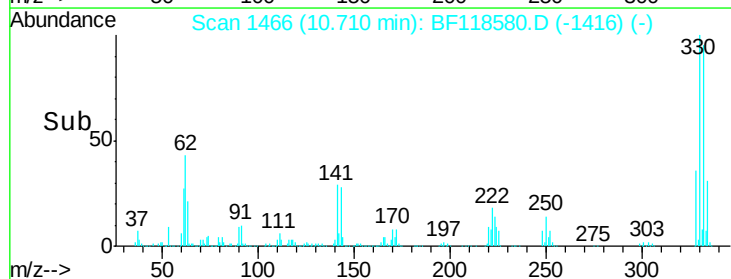
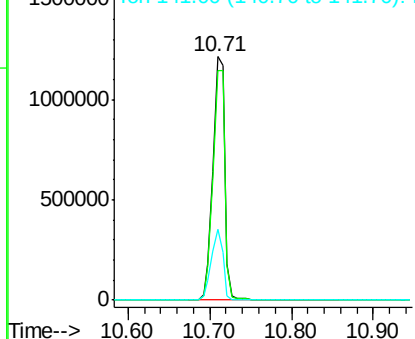


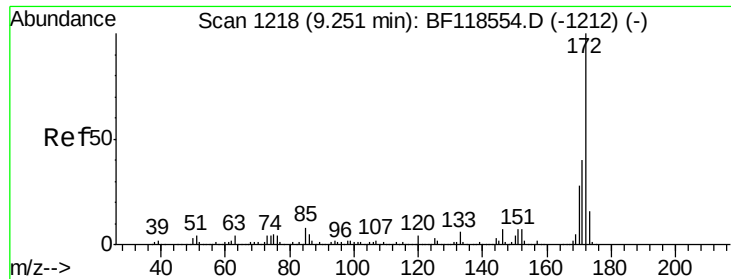
#42
2,4,6-Tribromophenol
Concen: 154.526 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Tgt Ion:330 Resp: 1229744
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 28.8 23.4 35.2



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

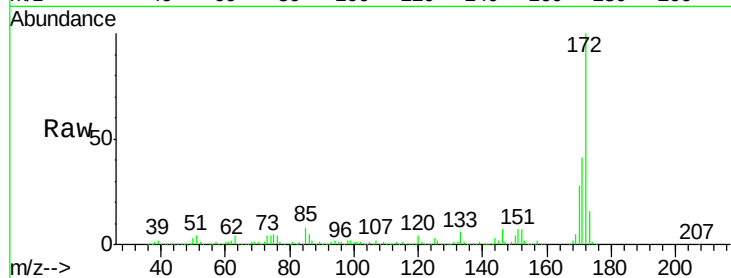




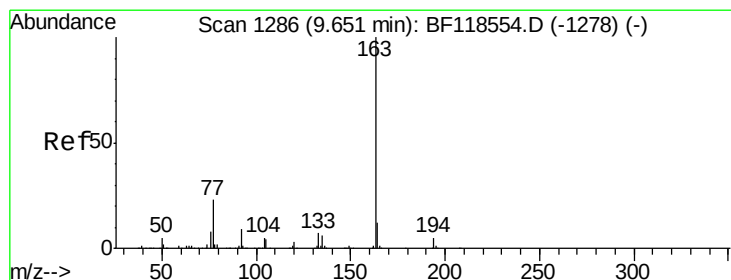
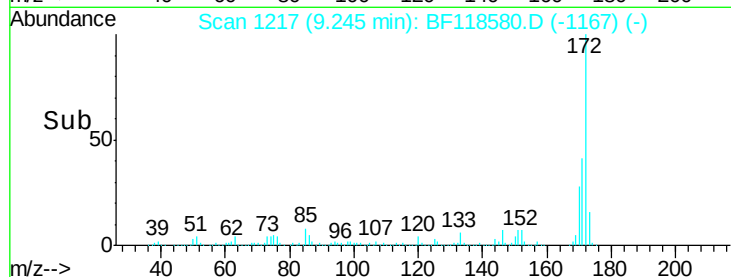
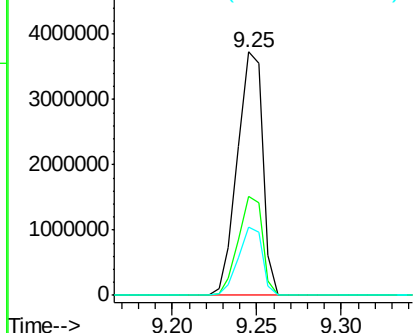
#45
2-Fluorobiphenyl
Concen: 97.750 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Instrument :
BNA_F
ClientSampleId :
0053-DECANT-H2O-COMP-5

Tot Ion:172 Resp: 3897908
Ion Ratio Lower Upper
172 100
171 40.6 32.4 48.6
170 27.9 22.5 33.7

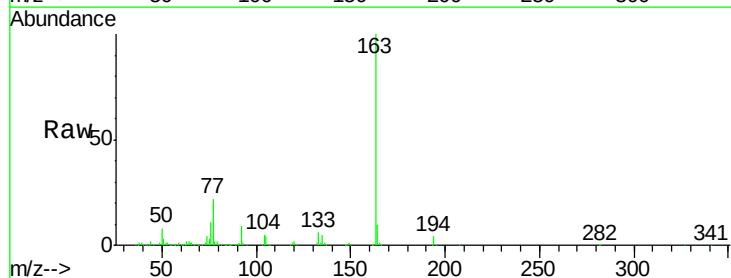


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

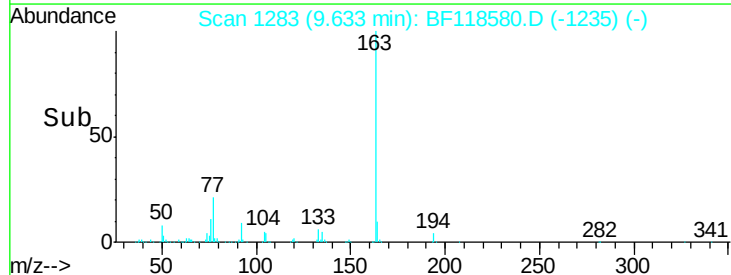
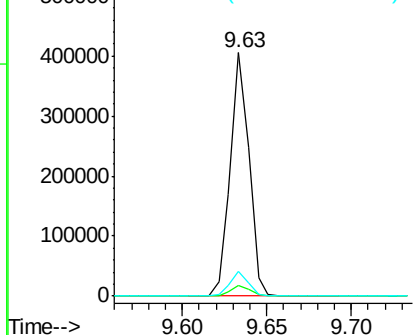


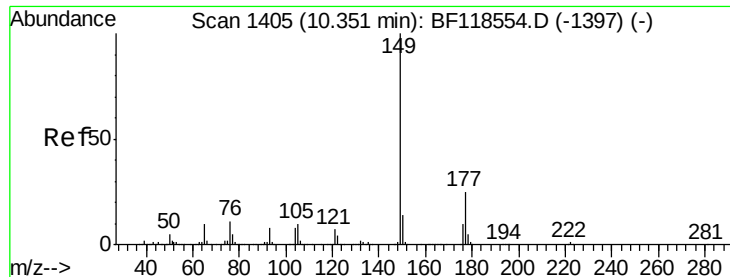
#50
Dimethylphthalate
Concen: 6.297 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Tgt Ion:163 Resp: 311251
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.8
164 10.3 9.3 13.9



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





#60

Diethylphthalate

Concen: 4.291 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118580.D

Acq: 18 Jan 2020 1:33

Instrument :

BNA_F

ClientSampleId :

0053-DECANT-H2O-COMP-5

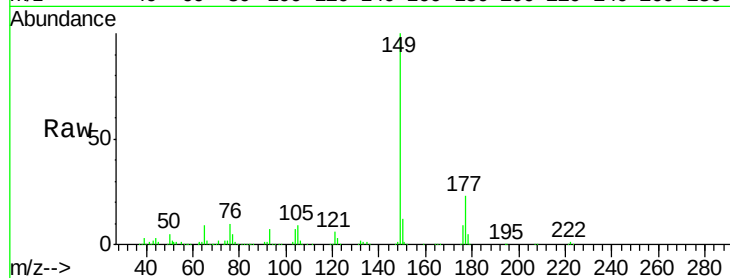
Tot Ion:149 Resp: 207056

Ion Ratio Lower Upper

149 100

177 22.6 20.2 30.4

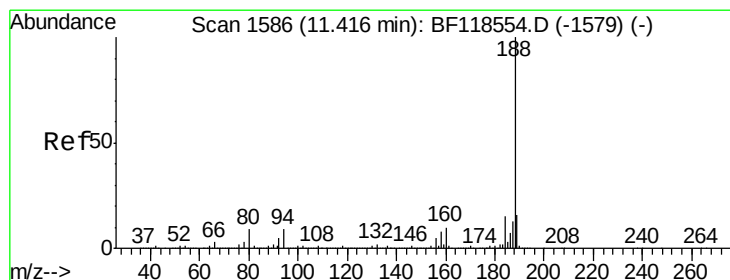
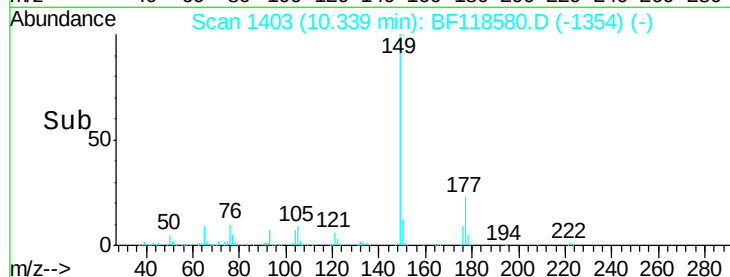
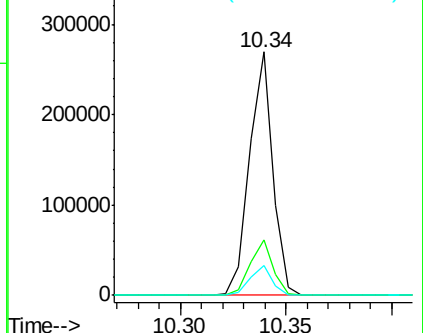
150 12.4 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118580.D

Acq: 18 Jan 2020 1:33

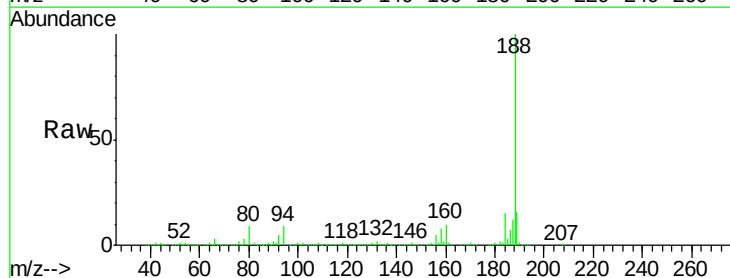
Tgt Ion:188 Resp: 1372760

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

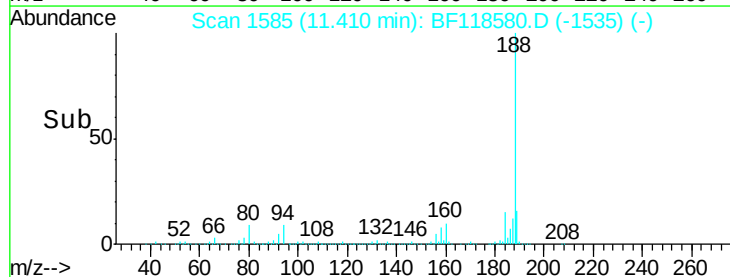
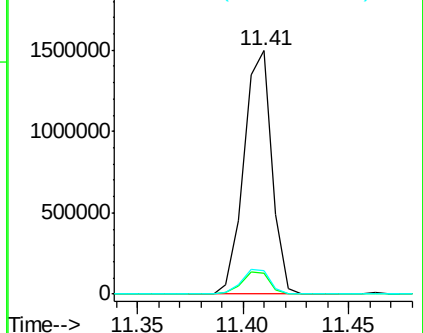
80 9.5 7.4 11.2

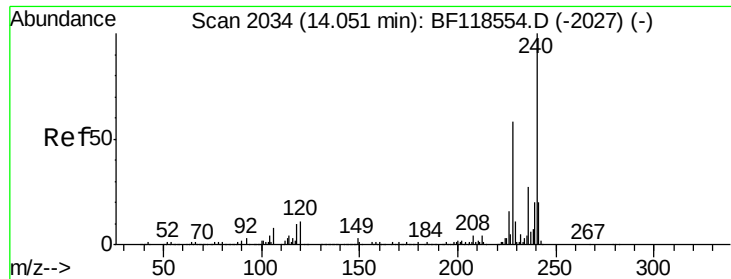


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

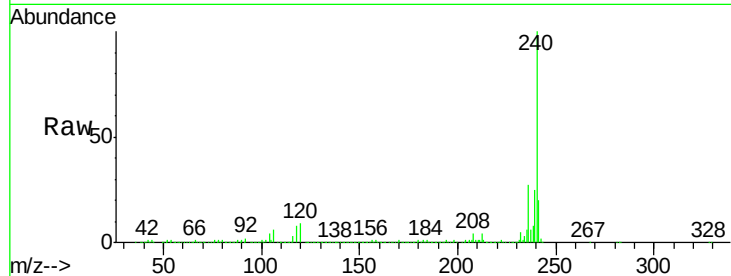




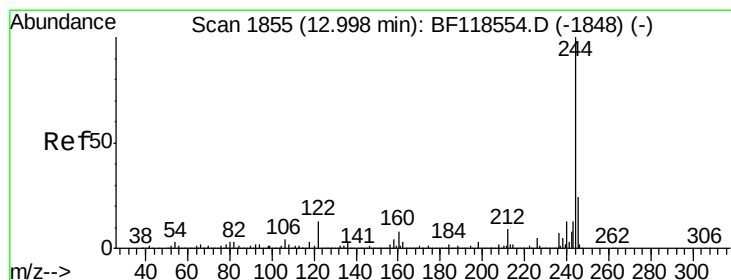
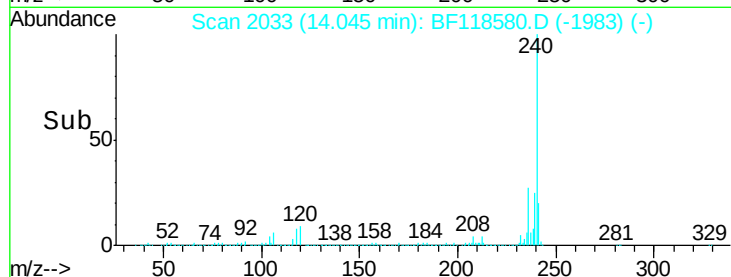
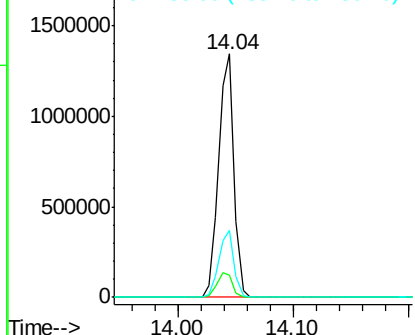
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Instrument :
BNA_F
ClientSampleId :
0053-DECANT-H2O-COMP-5

Tot Ion:240 Resp: 1234388
Ion Ratio Lower Upper
240 100
120 9.0 8.7 13.1
236 27.3 21.8 32.8

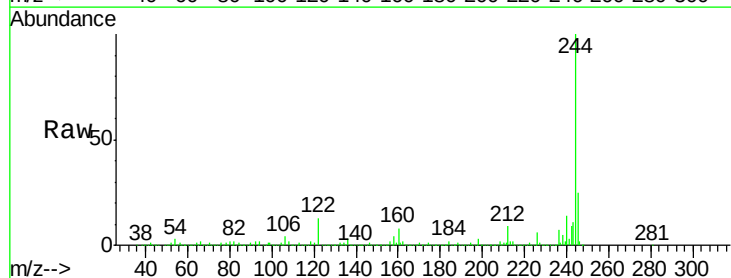


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

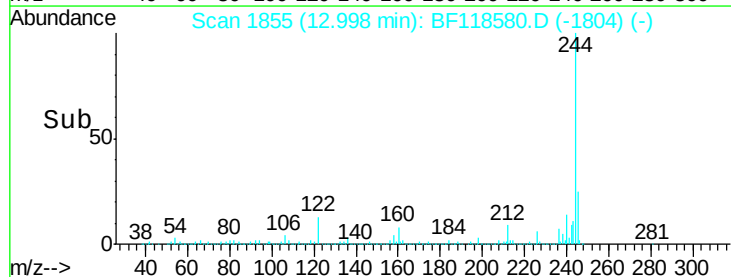
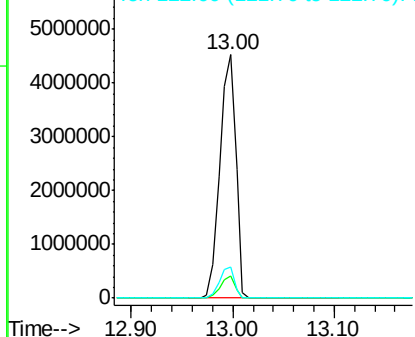


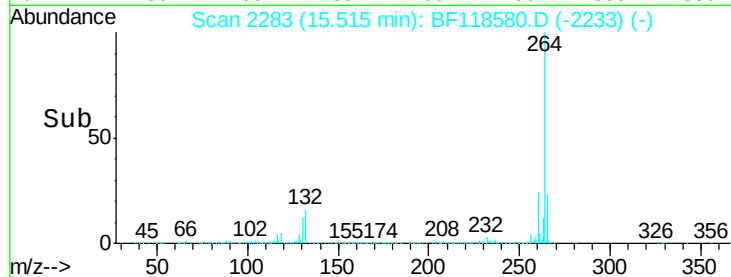
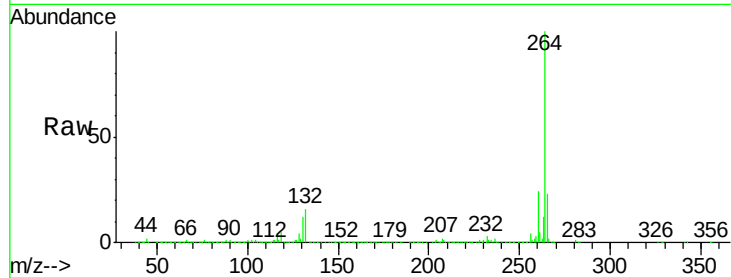
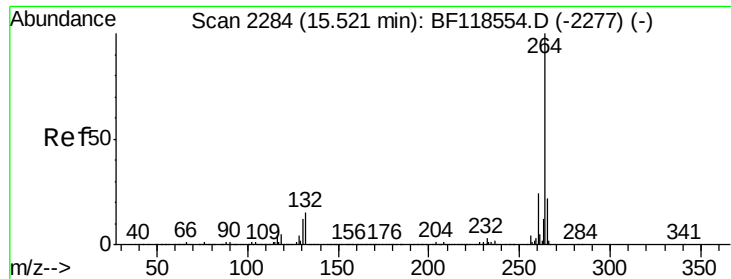
#79
Terphenyl-d14
Concen: 78.767 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Tgt Ion:244 Resp: 4923161
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.4
122 12.7 10.4 15.6



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: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118580.D
Acq: 18 Jan 2020 1:33

Instrument :
BNA_F
ClientSampleId :
0053-DECANT-H2O-COMP-5

Tot Ion: 264 Resp: 1317985

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.6
265	22.8	17.6	26.4

