

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118579.D
 Acq On : 18 Jan 2020 1:06
 Operator : JU
 Sample : L1173-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0050-DECANT-H2O-COMP-2

Quant Time: Jan 18 02:01:05 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

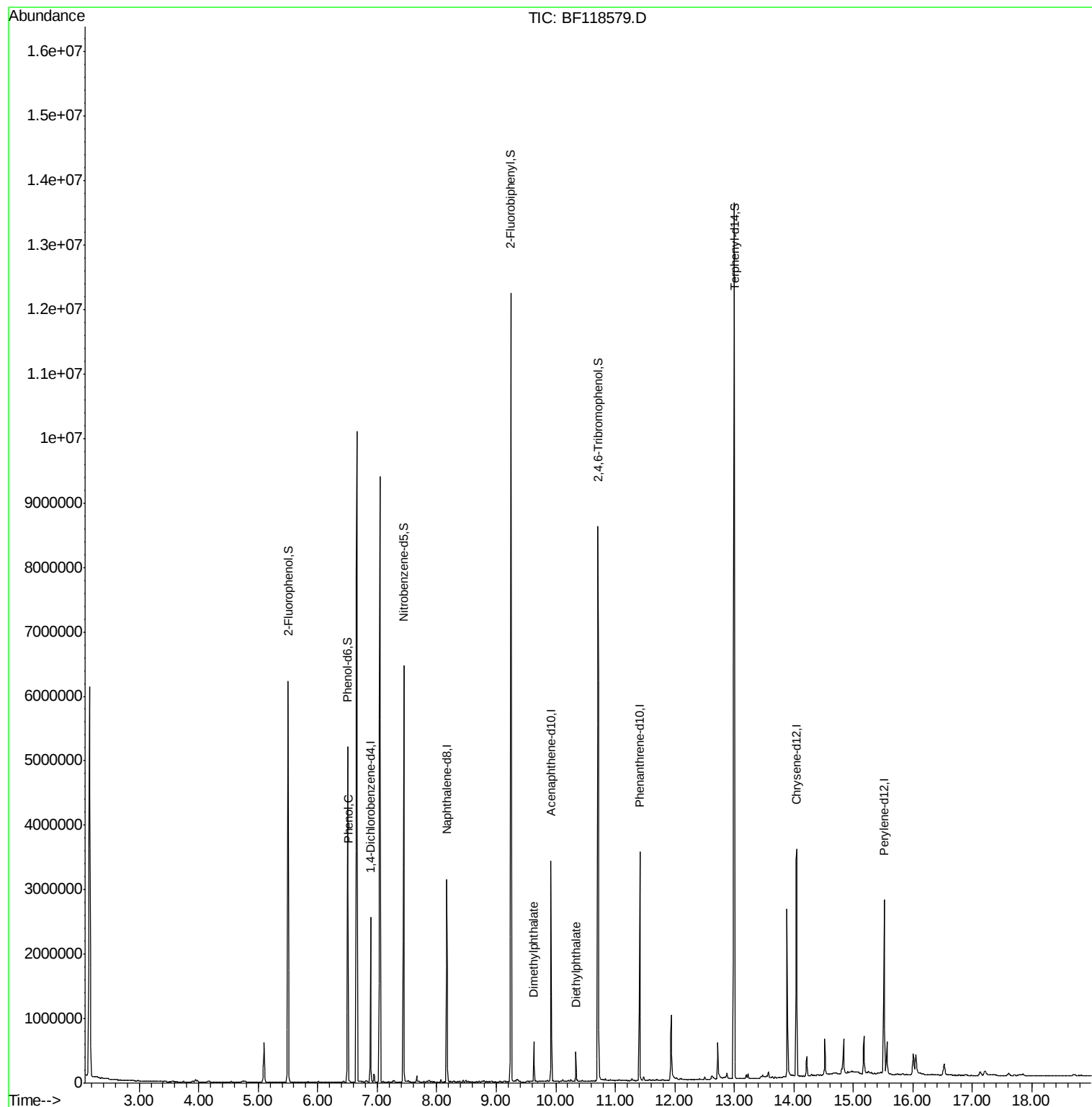
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	338759	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1241847	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	688700	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1297715	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1186420	20.00	ng	0.00
87) Perylene-d12	15.52	264	1275906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1711830	93.37	ng	0.00
7) Phenol-d6	6.50	99	1578186	65.69	ng	-0.01
23) Nitrobenzene-d5	7.45	82	2082745	103.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1168819	153.52	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3813116	99.95	ng	0.00
79) Terphenyl-d14	13.00	244	4964213	82.63	ng	0.00
Target Compounds						
10) Phenol	6.52	94	53500	2.030	ng	98
50) Dimethylphthalate	9.63	163	211085	4.464	ng	96
60) Diethylphthalate	10.34	149	149282	3.234	ng	94

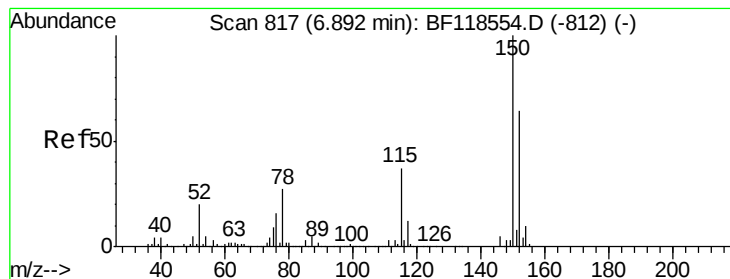
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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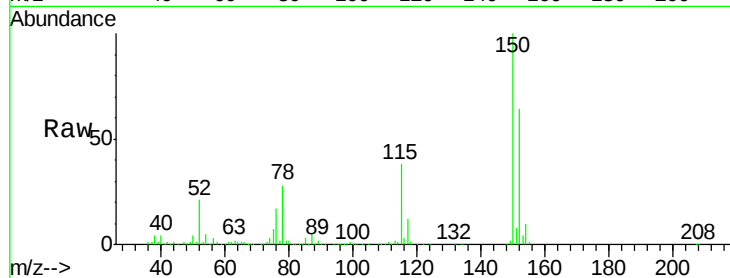


#1

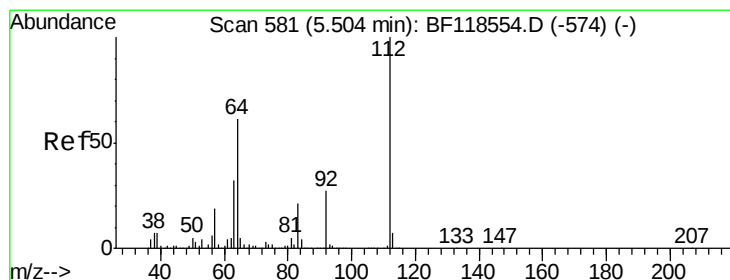
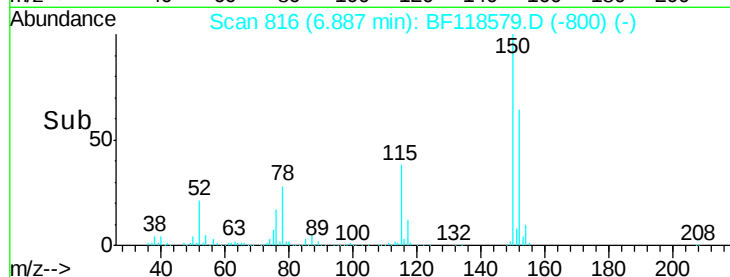
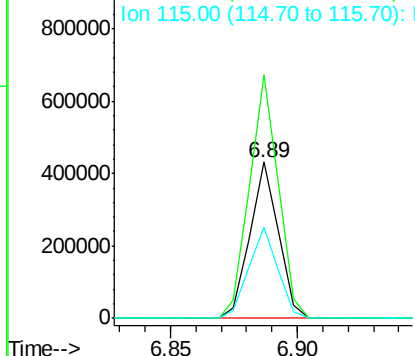
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118579.D
Acq: 18 Jan 2020 1:06

Instrument :
BNA_F
ClientSampleId :
0050-DECANT-H2O-COMP-2

Tot Ion:152 Resp: 338759
Ion Ratio Lower Upper
152 100
150 155.6 124.9 187.3
115 58.8 45.8 68.6



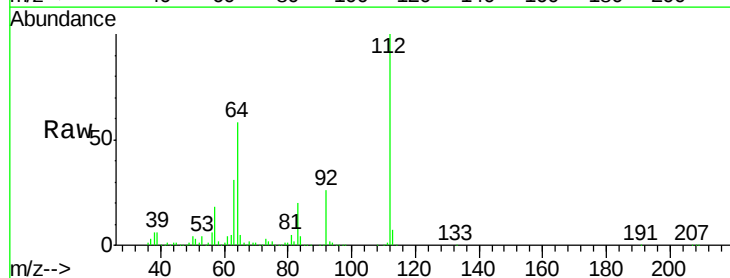
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



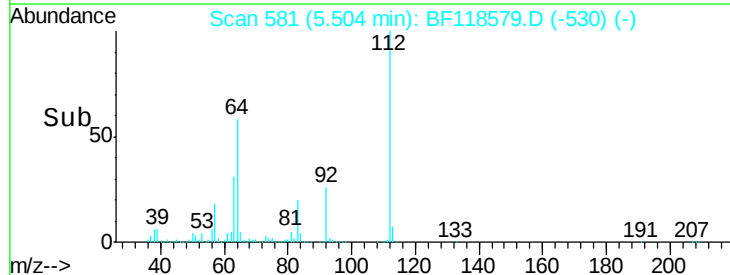
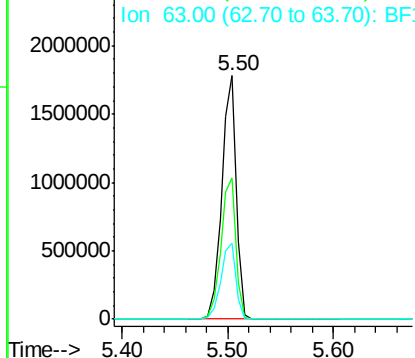
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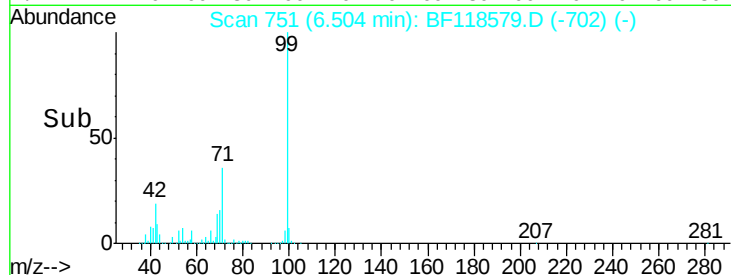
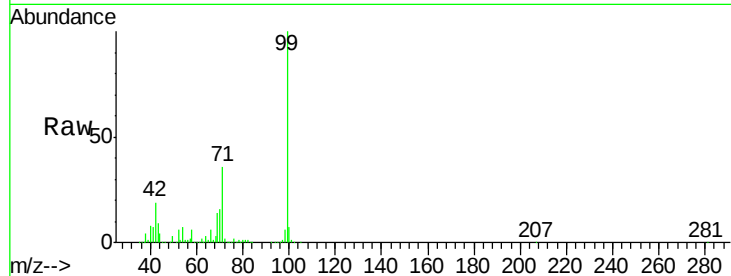
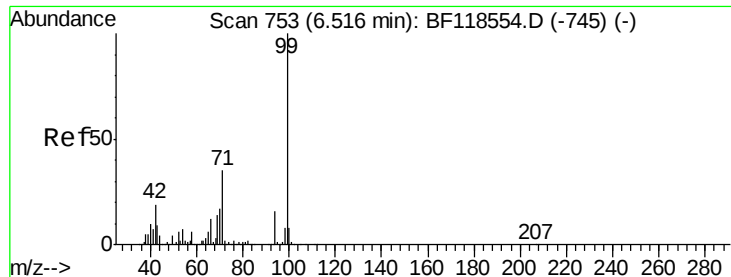
2-Fluorophenol
Concen: 93.370 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF118579.D
Acq: 18 Jan 2020 1:06

Tgt Ion:112 Resp: 1711830
Ion Ratio Lower Upper
112 100
64 58.0 49.1 73.7
63 30.9 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: 65.695 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118579.D

Acq: 18 Jan 2020 1:06

Instrument :

BNA_F

ClientSampleId :

0050-DECANT-H2O-COMP-2

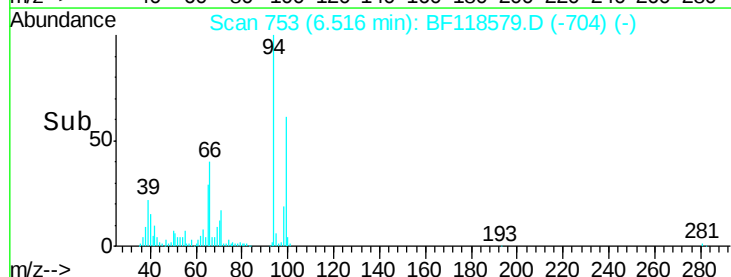
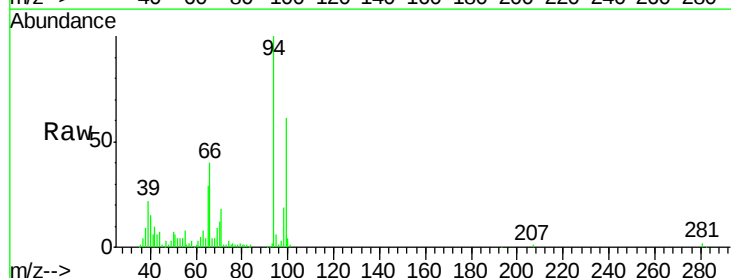
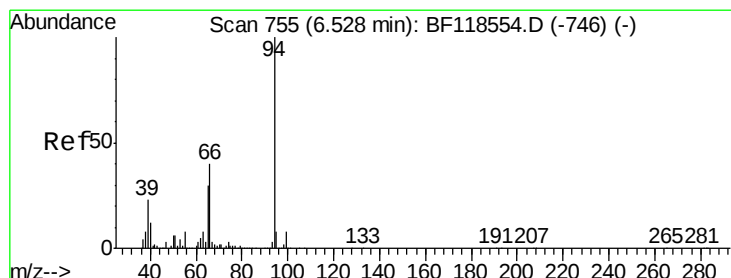
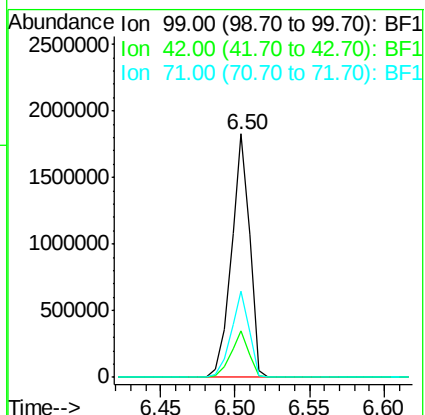
Tot Ion: 99 Resp: 1578186

Ion Ratio Lower Upper

99 100

42 18.9 14.9 22.3

71 35.6 28.3 42.5



#10

Phenol

Concen: 2.030 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118579.D

Acq: 18 Jan 2020 1:06

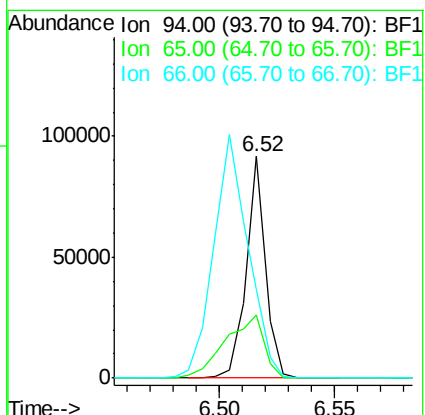
Tgt Ion: 94 Resp: 53500

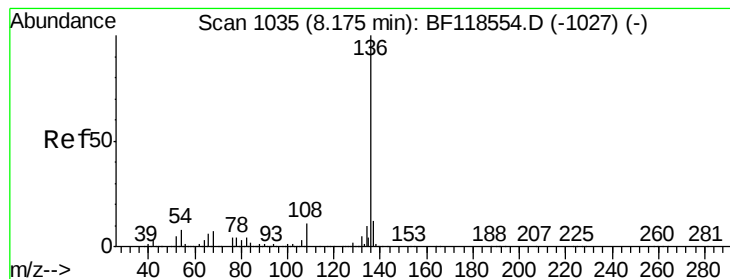
Ion Ratio Lower Upper

94 100

65 28.5 9.8 49.8

66 40.1 19.5 59.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118579.D

Acq: 18 Jan 2020 1:06

Instrument :

BNA_F

ClientSampleId :

0050-DECANT-H2O-COMP-2

Tot Ion:136 Resp: 1241847

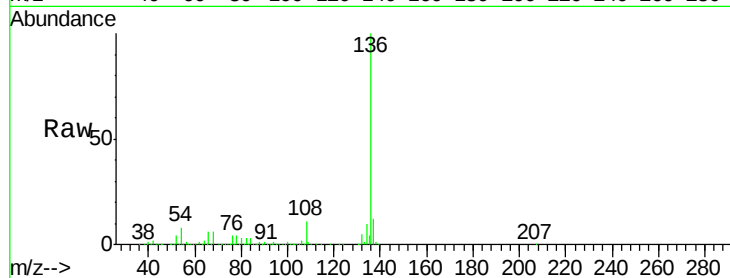
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	7.6	6.2	9.2
68	6.1	5.4	8.0

136 100

137 11.6 9.4 14.0

54 7.6 6.2 9.2

68 6.1 5.4 8.0

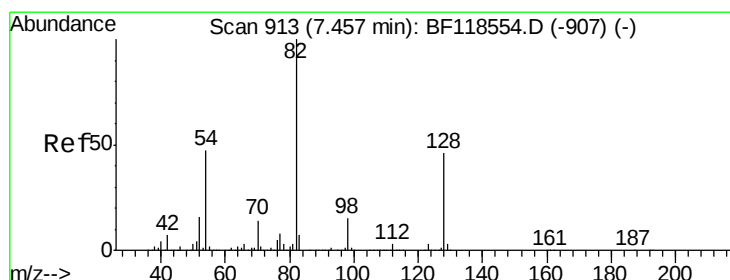
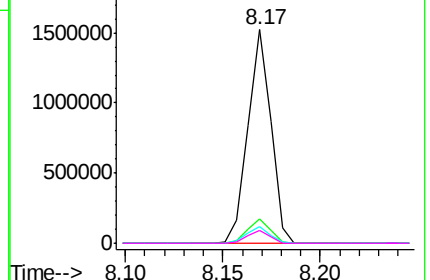
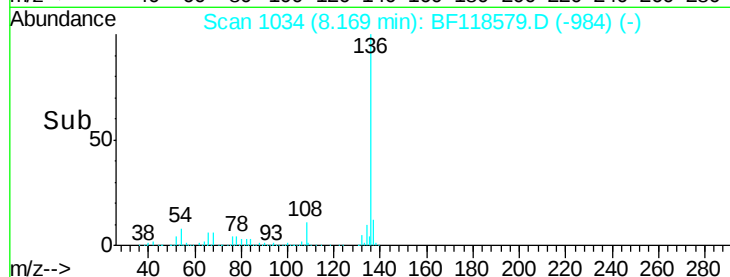


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.583 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF118579.D

Acq: 18 Jan 2020 1:06

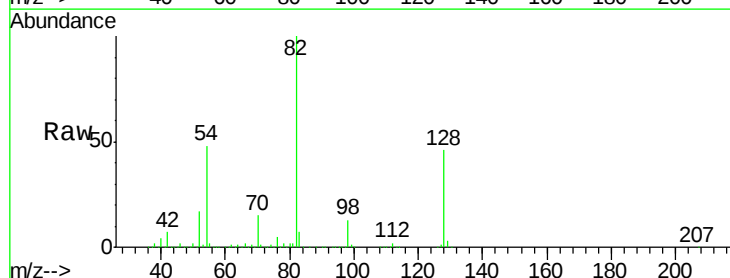
Tgt Ion: 82 Resp: 2082745

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.0	55.4
54	47.7	37.4	56.0

82 100

128 45.7 37.0 55.4

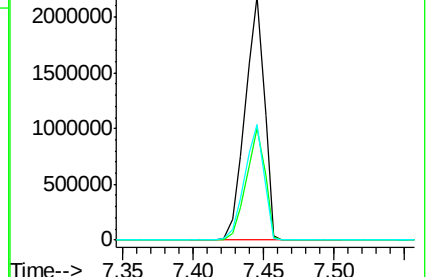
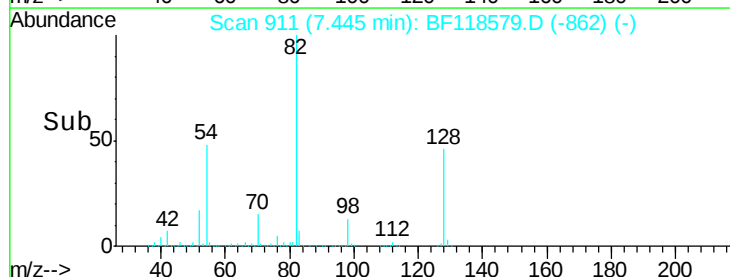
54 47.7 37.4 56.0

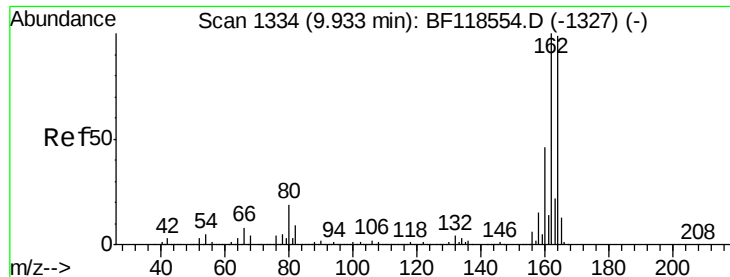


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

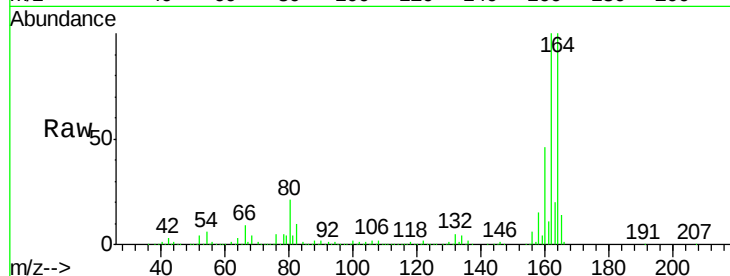




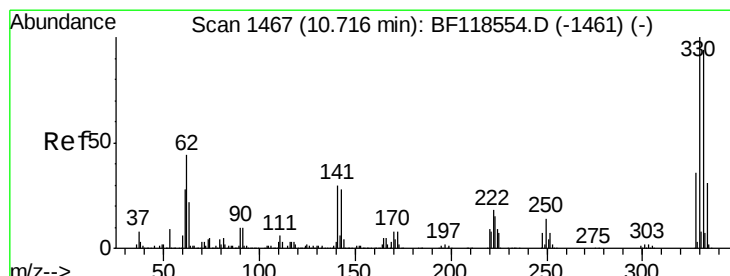
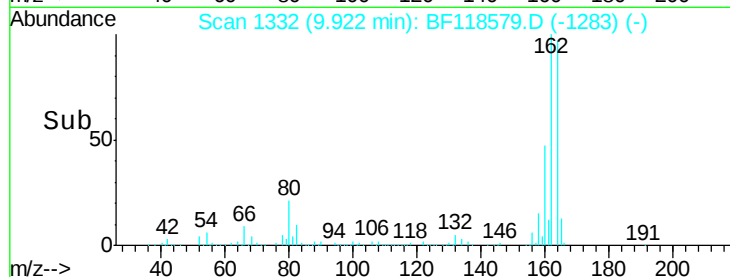
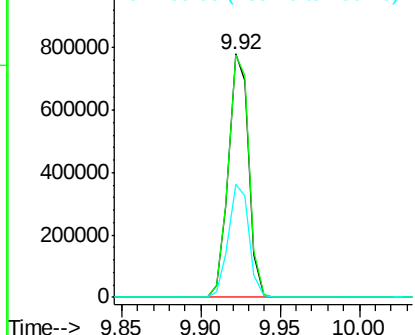
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118579.D
Acq: 18 Jan 2020 1:06

Instrument :
BNA_F
ClientSampleId :
0050-DECANT-H2O-COMP-2

Tot Ion:164 Resp: 688700
Ion Ratio Lower Upper
164 100
162 99.5 80.6 120.8
160 46.5 36.7 55.1

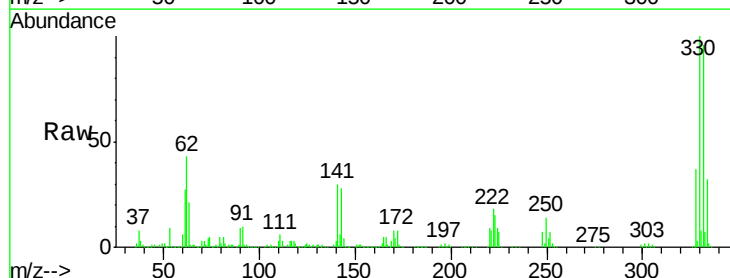


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

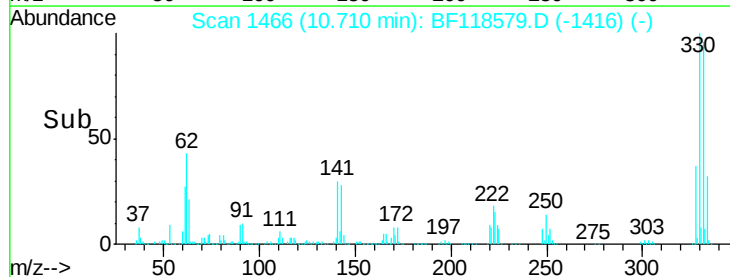
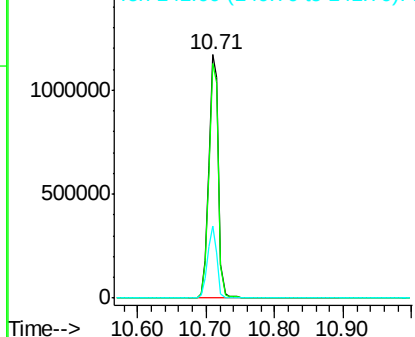


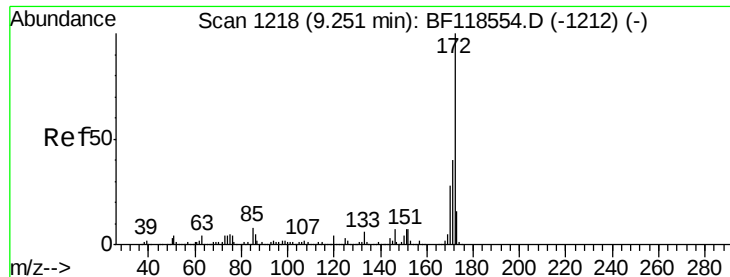
#42
2,4,6-Tribromophenol
Concen: 153.521 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118579.D
Acq: 18 Jan 2020 1:06

Tgt Ion:330 Resp: 1168819
Ion Ratio Lower Upper
330 100
332 95.9 76.4 114.6
141 29.2 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

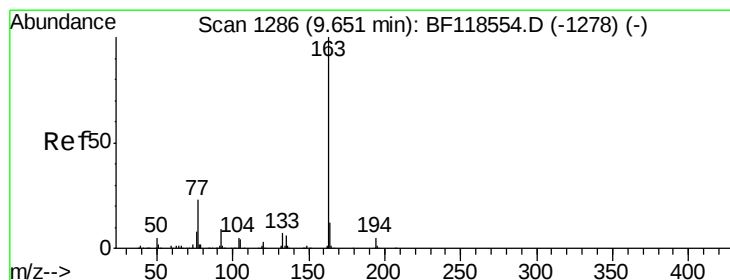
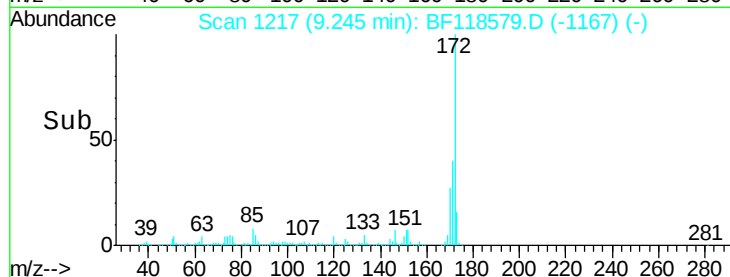
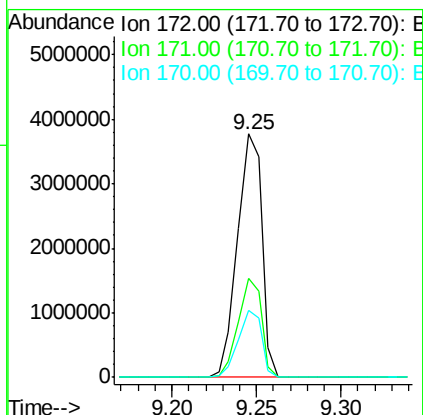
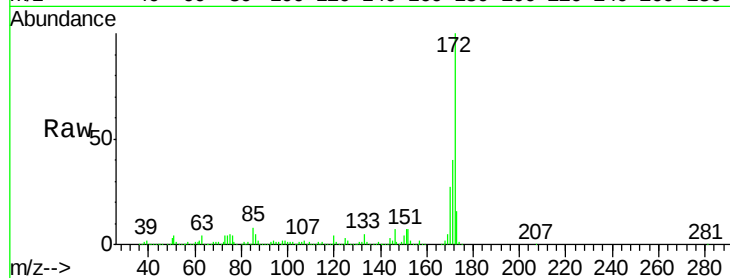




#45
2-Fluorobiphenyl
Concen: 99.954 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118579.D
Acq: 18 Jan 2020 1:06

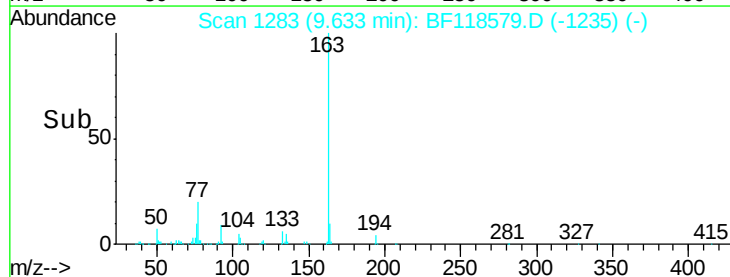
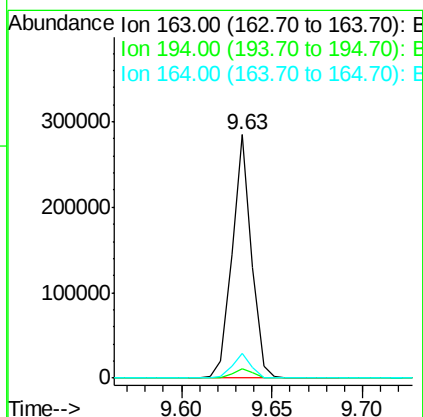
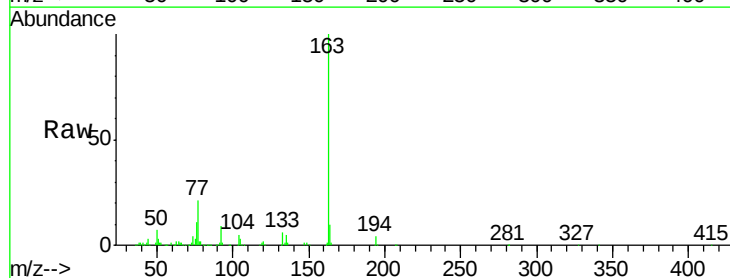
Instrument :
BNA_F
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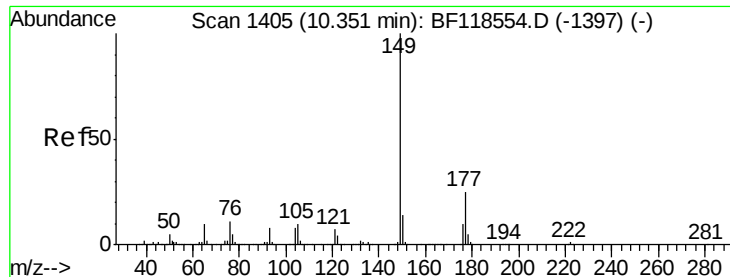
Tot Ion:172 Resp: 3813116
Ion Ratio Lower Upper
172 100
171 40.4 32.4 48.6
170 27.5 22.5 33.7



#50
Dimethylphthalate
Concen: 4.464 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF118579.D
Acq: 18 Jan 2020 1:06

Tgt Ion:163 Resp: 211085
Ion Ratio Lower Upper
163 100
194 4.1 3.8 5.8
164 9.9 9.3 13.9





#60

Diethylphthalate

Concen: 3.234 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF118579.D

Acq: 18 Jan 2020 1:06

Instrument :

BNA_F

ClientSampleId :

0050-DECANT-H2O-COMP-2

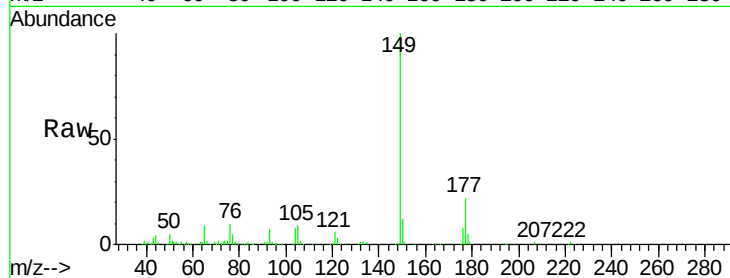
Tot Ion:149 Resp: 149282

Ion Ratio Lower Upper

149 100

177 22.2 20.2 30.4

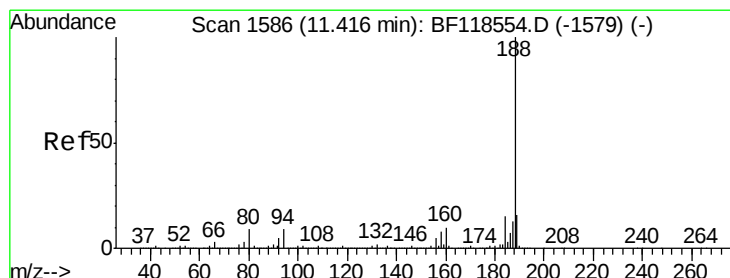
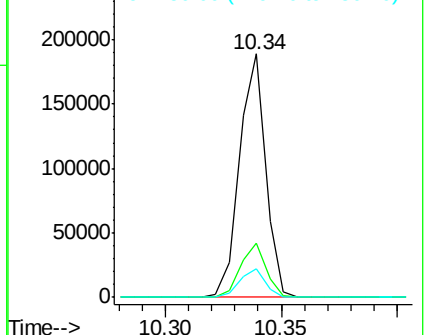
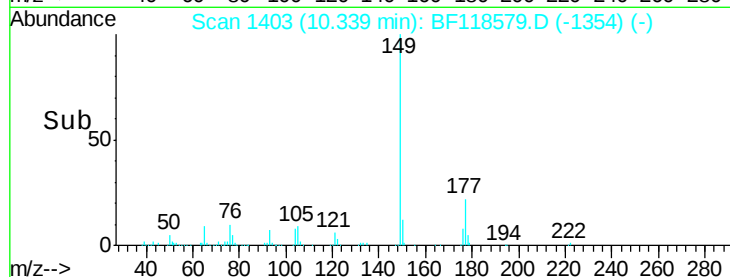
150 11.7 11.0 16.4



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: BF118579.D

Acq: 18 Jan 2020 1:06

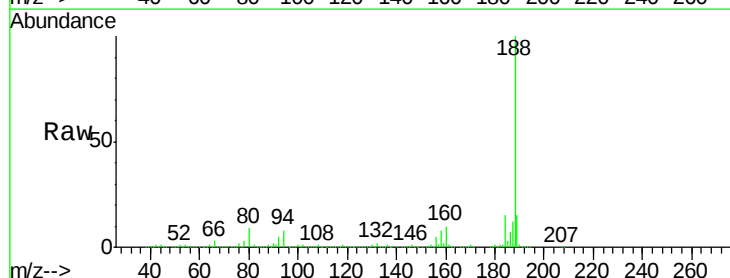
Tgt Ion:188 Resp: 1297715

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

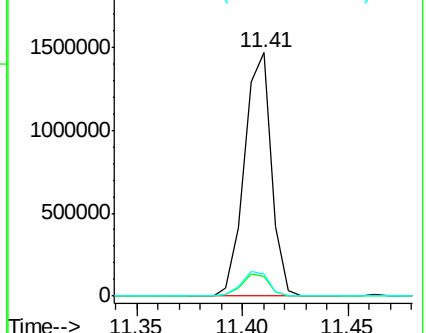
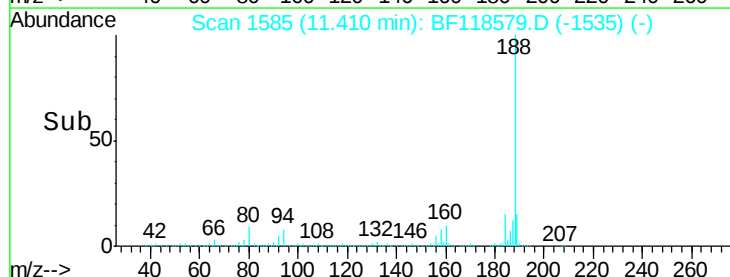
80 8.9 7.4 11.2

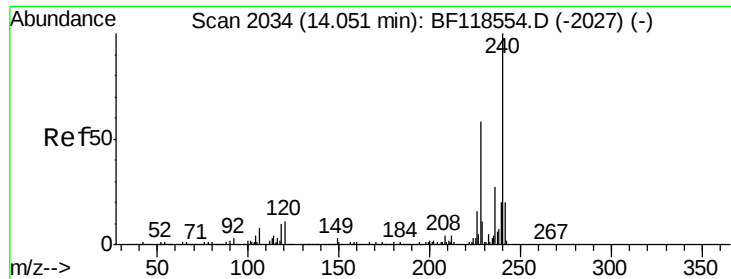


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

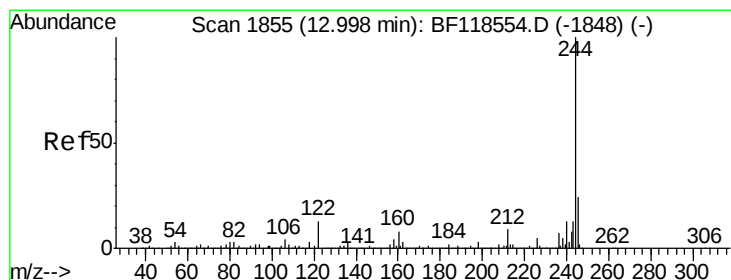
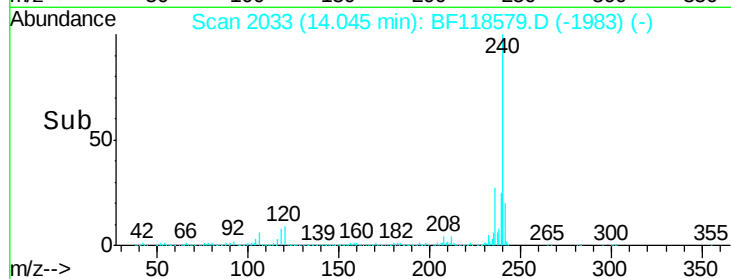
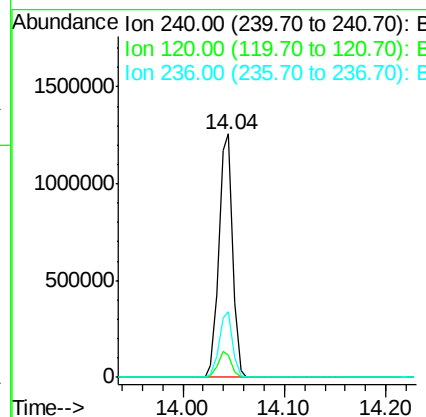
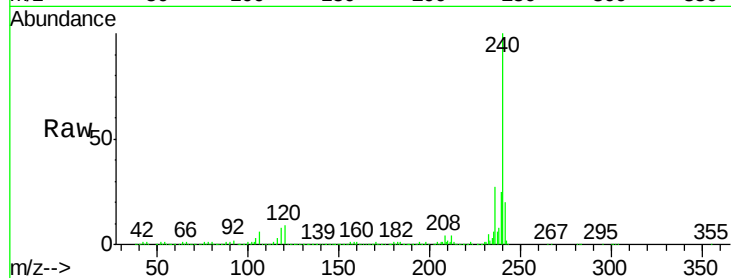




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118579.D
 Acq: 18 Jan 2020 1:06

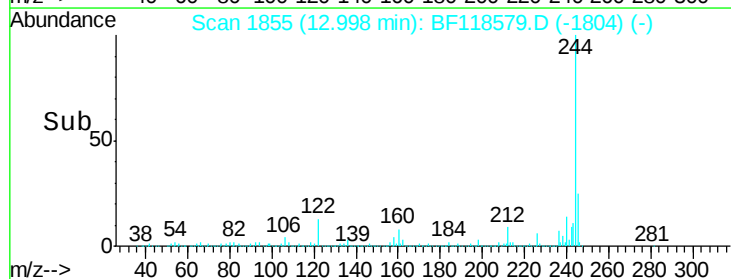
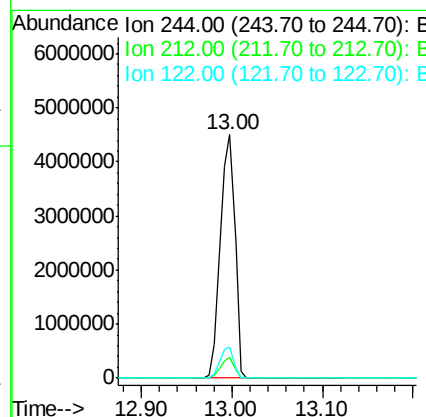
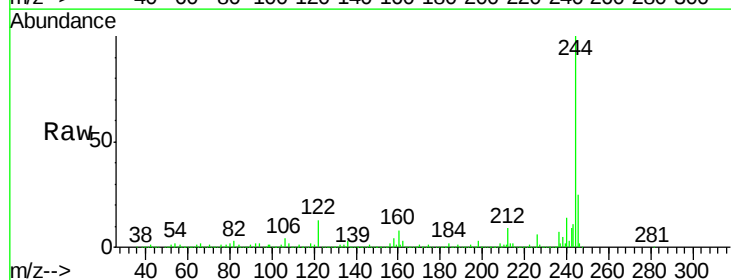
Instrument :
 BNA_F
 ClientSampleId :
 0050-DECANT-H2O-COMP-2

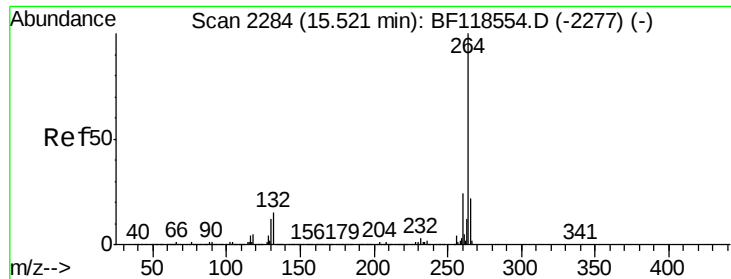
Tot Ion:240 Resp: 1186420
 Ion Ratio Lower Upper
 240 100
 120 9.0 8.7 13.1
 236 26.9 21.8 32.8



#79
 Terphenyl-d14
 Concen: 82.635 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF118579.D
 Acq: 18 Jan 2020 1:06

Tgt Ion:244 Resp: 4964213
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.0 10.4
 122 12.6 10.4 15.6

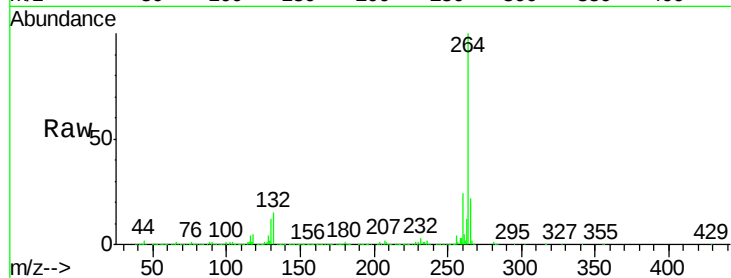




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF118579.D
 Acq: 18 Jan 2020 1:06

Instrument :
 BNA_F
 ClientSampleId :
 0050-DECANT-H2O-COMP-2

Tot Ion: 264 Resp: 1275906
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.7 17.6 26.4



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

