

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123672.D
 Acq On : 21 Apr 2021 17:54
 Operator : JU/CG
 Sample : M2069-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH20A-BNM-1-D-WATER-BAG

Quant Time: Apr 22 00:55:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

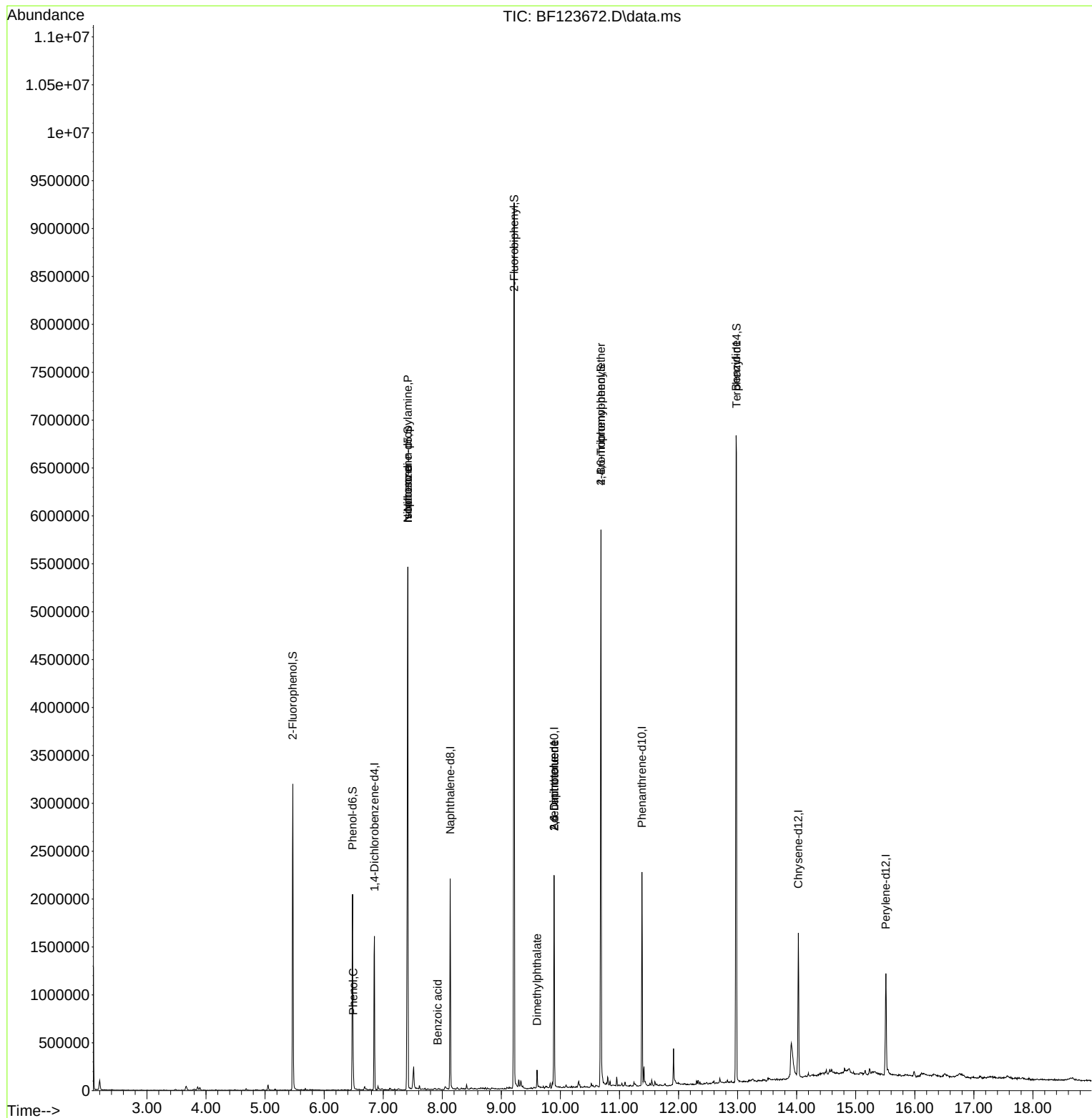
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	210314	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	799128	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	393182	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	742957	20.00	ng	0.00
76) Chrysene-d12	14.027	240	481347	20.00	ng	# 0.00
86) Perylene-d12	15.510	264	471921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	699832	53.78	ng	0.00
7) Phenol-d6	6.481	99	555628	30.81	ng	-0.01
23) Nitrobenzene-d5	7.416	82	1659646	95.47	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	626906	140.80	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2495418	94.61	ng	0.00
79) Terphenyl-d14	12.980	244	2387236	96.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.493	94	44489	2.32	ng	96
19) n-Nitroso-di-n-propyla...	7.416	70	225940	18.92	ng	# 75
25) Isophorone	7.416	82	1659634	49.21	ng	# 69
32) Benzoic acid	7.922	122	130	4.56	ng	# 1
50) Dimethylphthalate	9.604	163	58321	2.15	ng	99
51) 2,6-Dinitrotoluene	9.892	165	51041	8.56	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	51041	6.41	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	36578	4.71	ng	# 1
77) Benzidine	12.975	184	34117	2.61	ng	97
89) Benzo(k)fluoranthene	15.133	252	428	Below	Cal	# 1
92) Benzo(g,h,i)perylene	17.439	276	2614	Below	Cal	# 56

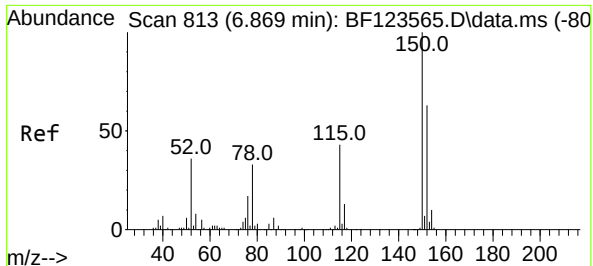
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123672.D
Acq On : 21 Apr 2021 17:54
Operator : JU/CG
Sample : M2069-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

Quant Time: Apr 22 00:55:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

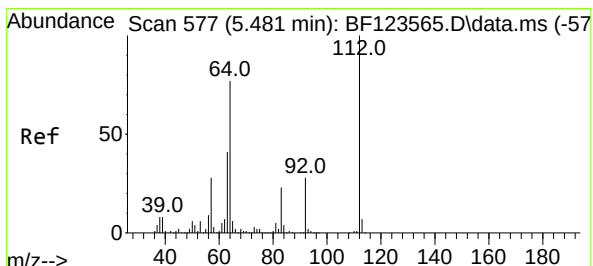
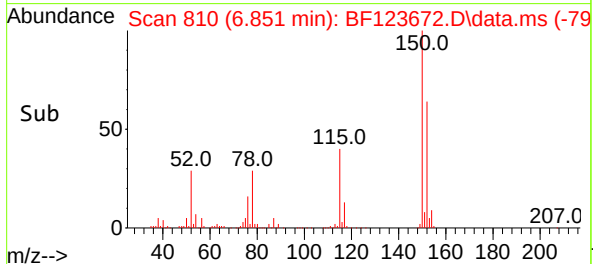
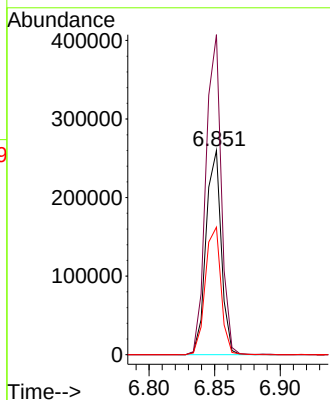
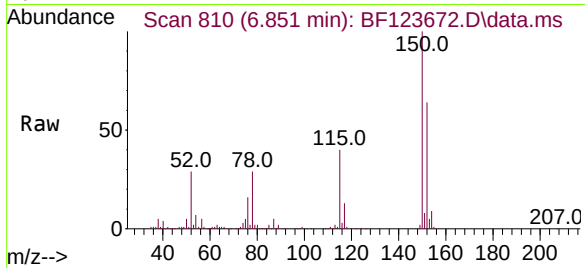




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

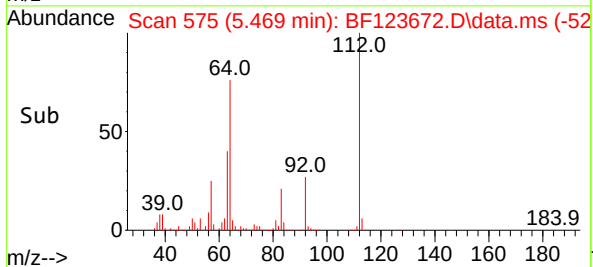
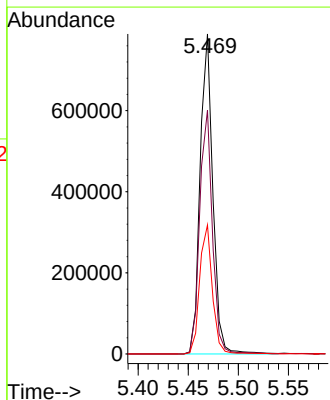
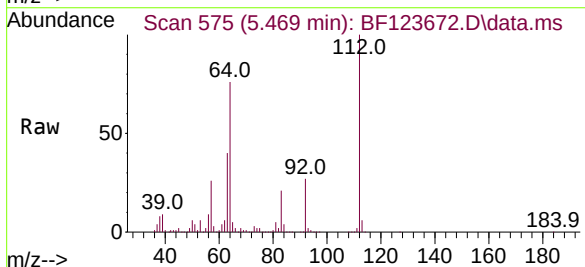
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

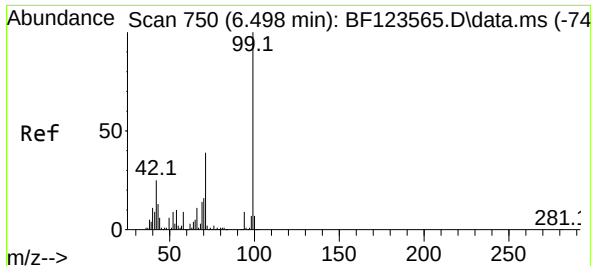
Tgt Ion:152 Resp: 210314
Ion Ratio Lower Upper
152 100
150 156.7 127.0 190.6
115 62.4 54.3 81.5



#5
2-Fluorophenol
Concen: 53.78 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion:112 Resp: 699832
Ion Ratio Lower Upper
112 100
64 76.2 61.4 92.0
63 40.3 33.0 49.4

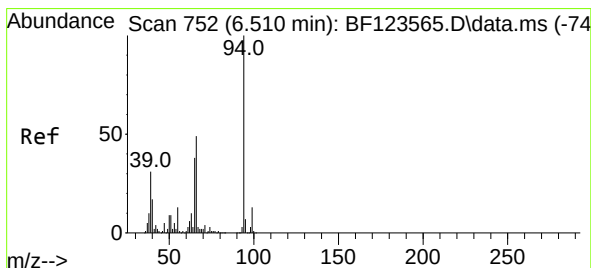
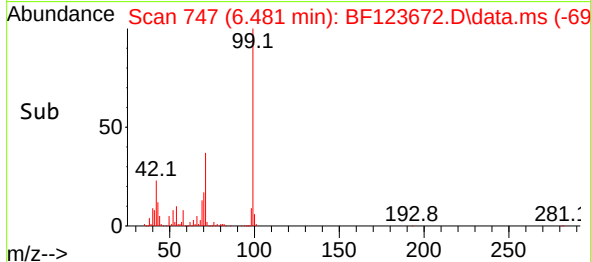
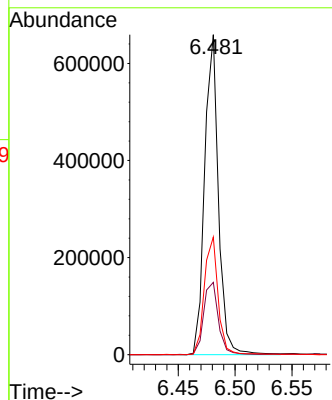
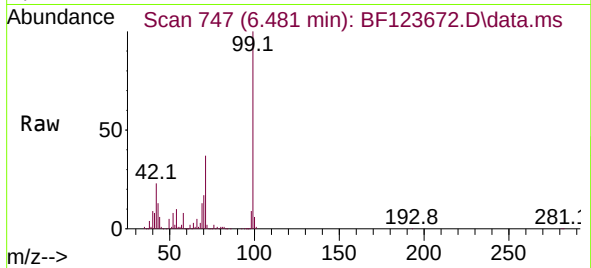




#7
Phenol-d6
Concen: 30.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

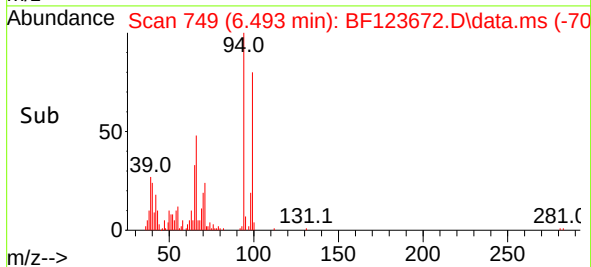
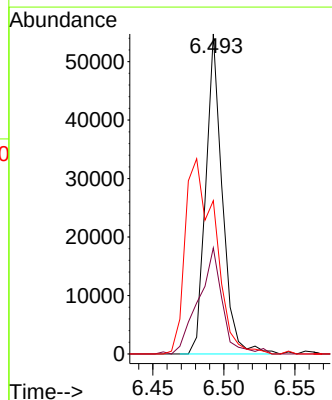
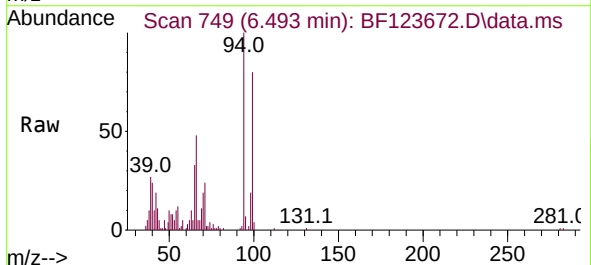
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

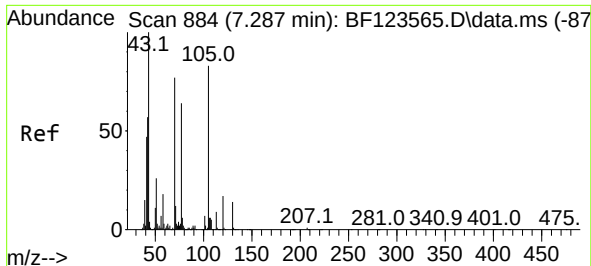
Tgt Ion: 99 Resp: 555628
Ion Ratio Lower Upper
99 100
42 22.6 19.8 29.8
71 36.8 31.1 46.7



#10
Phenol
Concen: 2.32 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

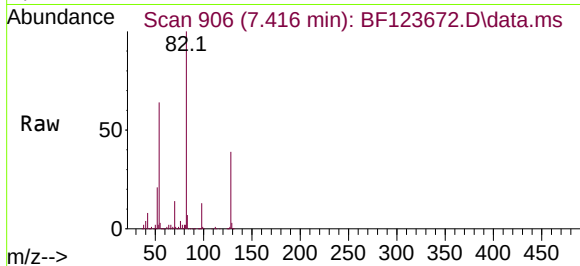
Tgt Ion: 94 Resp: 44489
Ion Ratio Lower Upper
94 100
65 33.1 18.1 58.1
66 47.9 29.0 69.0



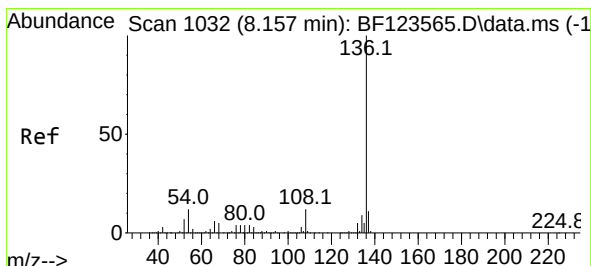
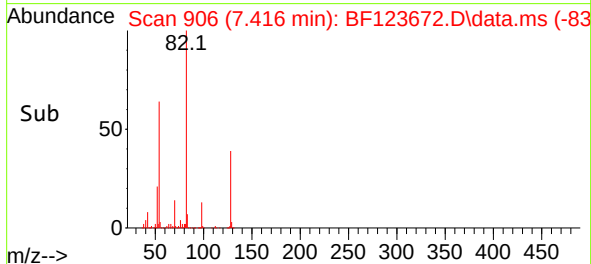
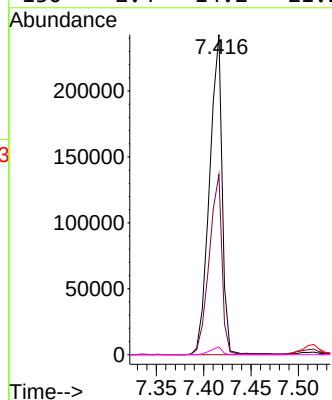


#19
n-Nitroso-di-n-propylamine
Concen: 18.92 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

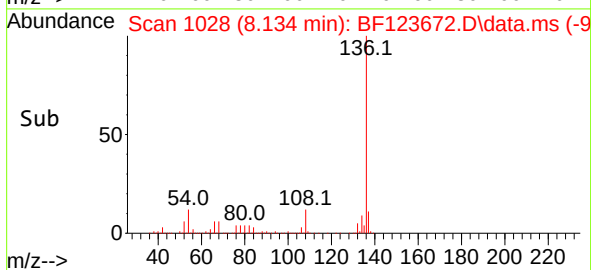
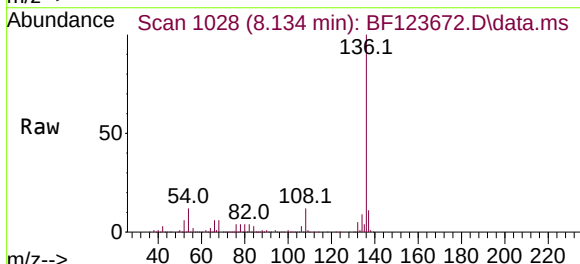
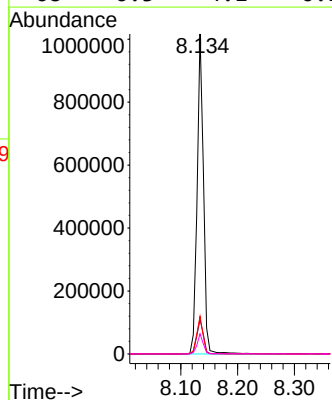


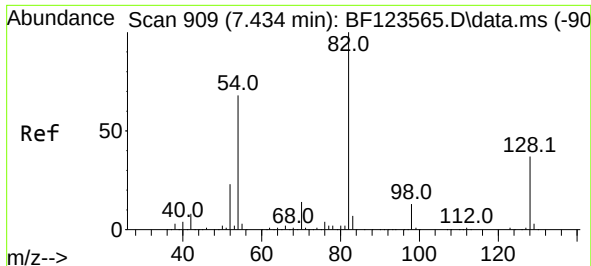
Tgt Ion: 70 Resp: 225940
Ion Ratio Lower Upper
70 100
42 56.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion: 136 Resp: 799128
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 11.8 9.8 14.6
68 6.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 95.47 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF123672.D

Acq: 21 Apr 2021 17:54

Tgt Ion: 82 Resp: 1659646

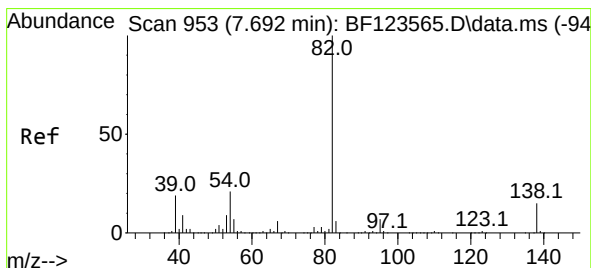
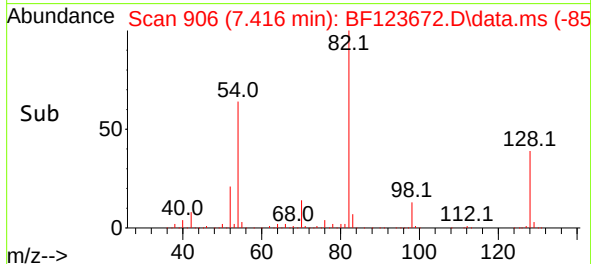
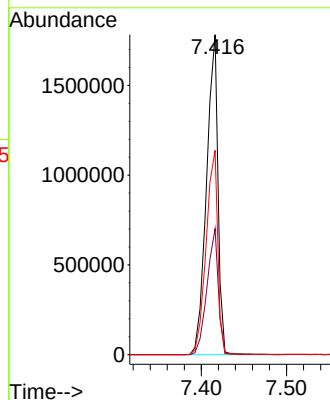
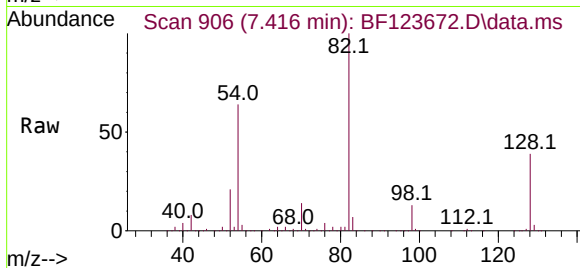
Ion	Ratio	Lower	Upper
82	100		
128	39.4	29.4	44.2
54	63.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MH20A-BNM-1-D-WATER-BAG



#25

Isophorone

Concen: 49.21 ng

RT: 7.416 min Scan# 906

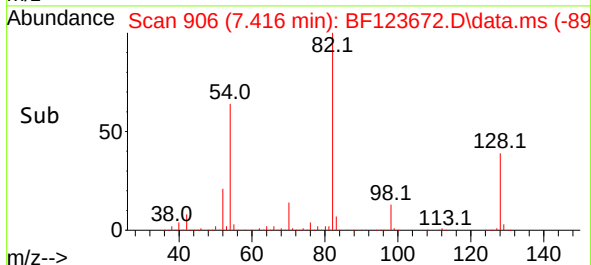
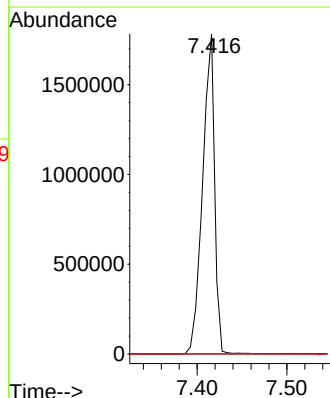
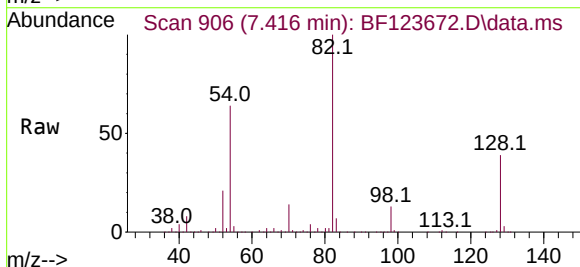
Delta R.T. -0.259 min

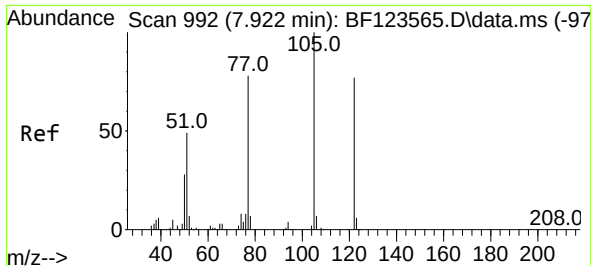
Lab File: BF123672.D

Acq: 21 Apr 2021 17:54

Tgt Ion: 82 Resp: 1659634

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

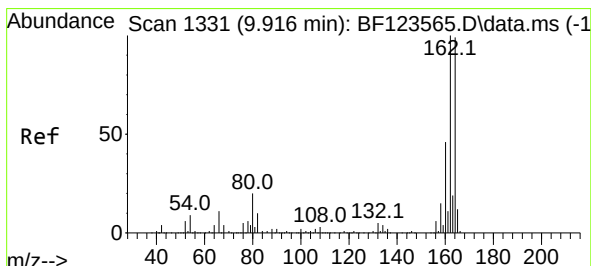
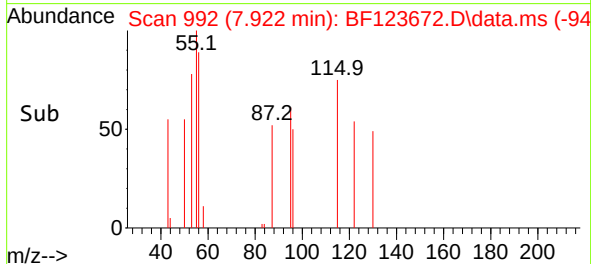
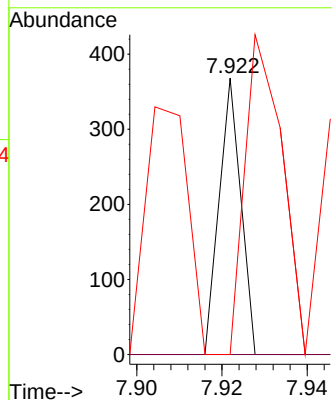
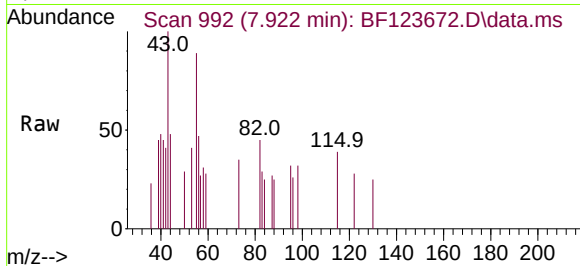




#32
Benzoic acid
Concen: 4.56 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

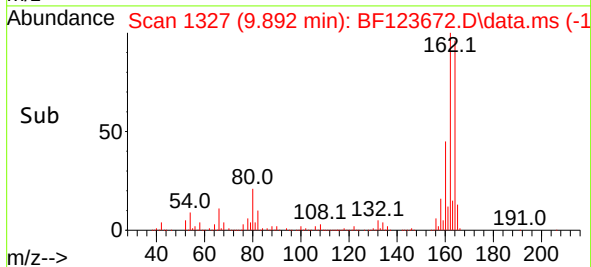
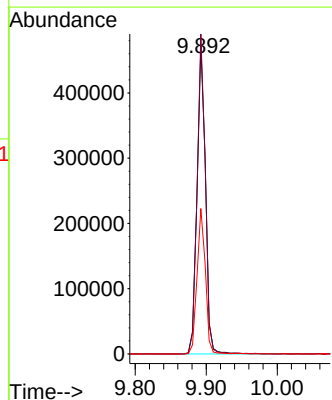
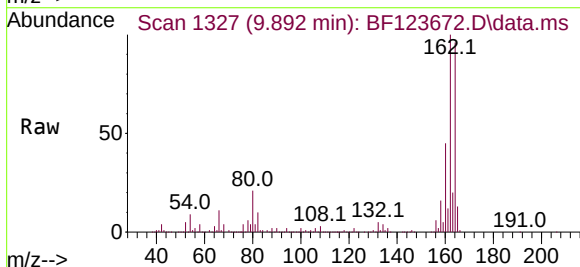
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

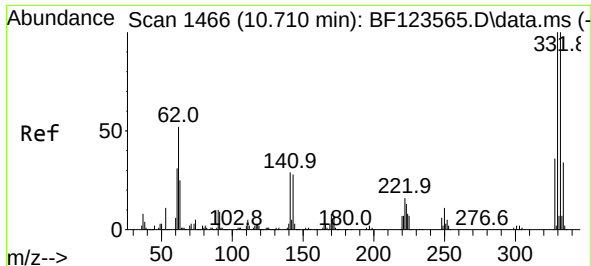
Tgt Ion:122 Resp: 130
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion:164 Resp: 393182
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 47.2 37.3 55.9

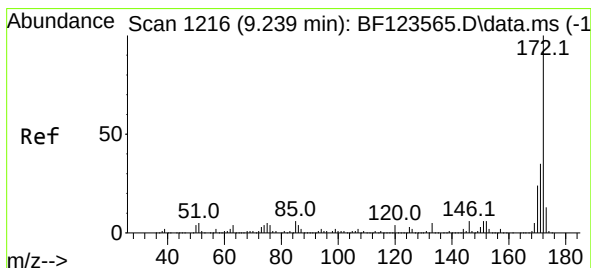
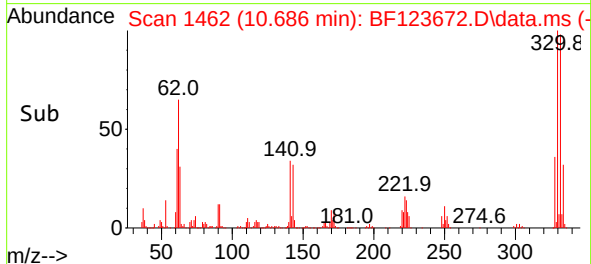
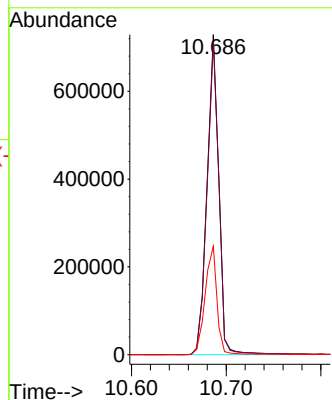
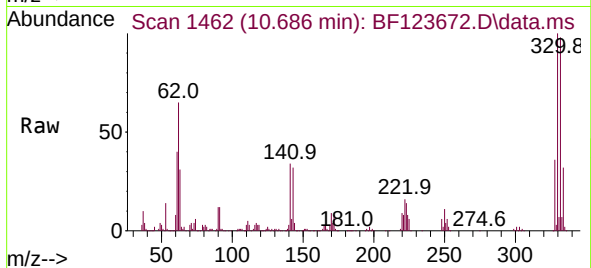




#42
2,4,6-Tribromophenol
Concen: 140.80 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

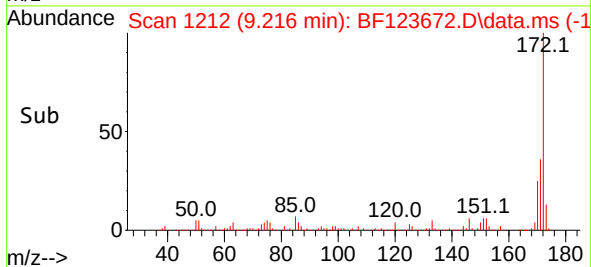
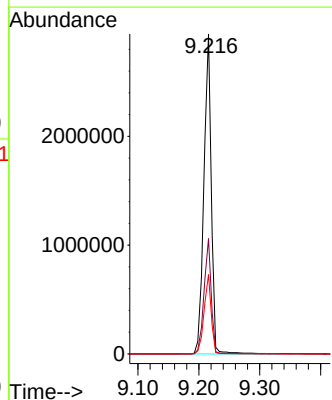
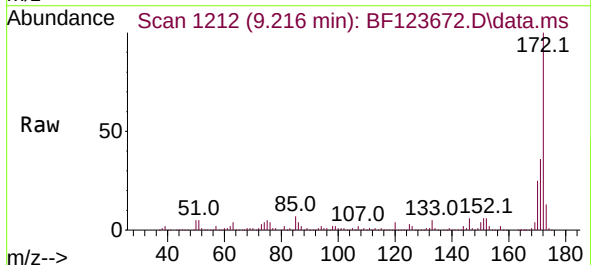
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

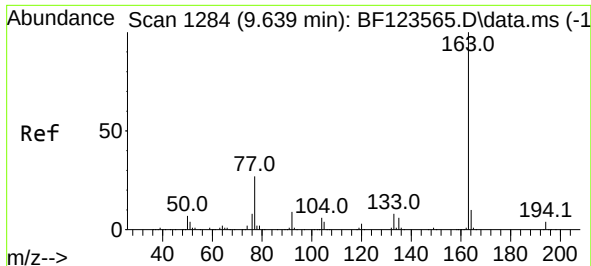
Tgt Ion: 330 Resp: 626906
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 34.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 94.61 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion: 172 Resp: 2495418
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.8 19.2 28.8

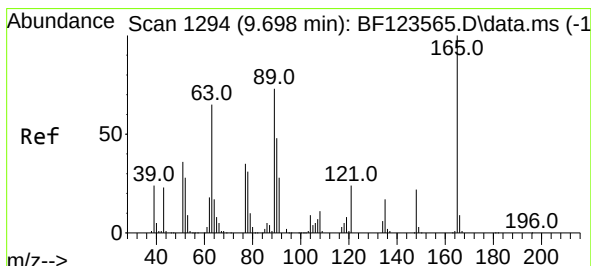
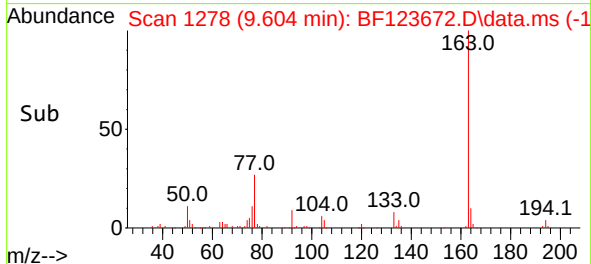
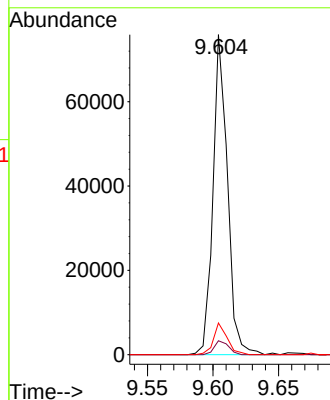
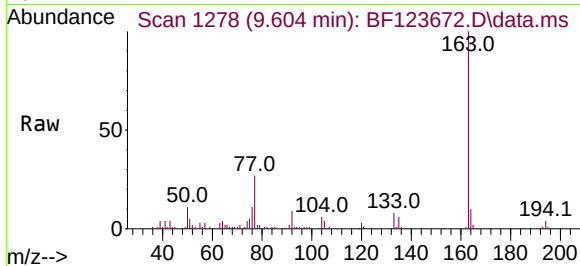




#50
Dimethylphthalate
Concen: 2.15 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.018 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

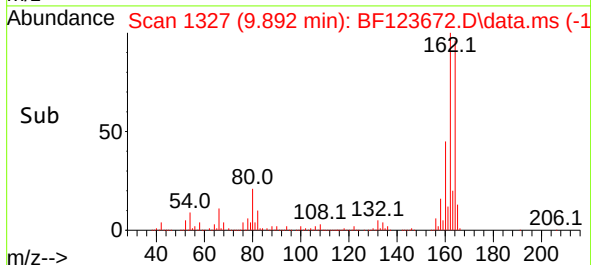
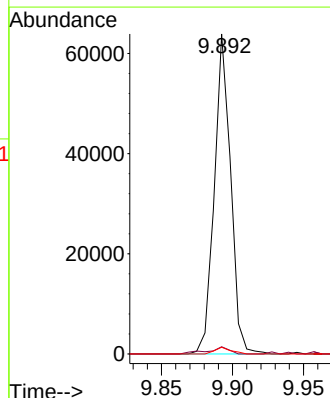
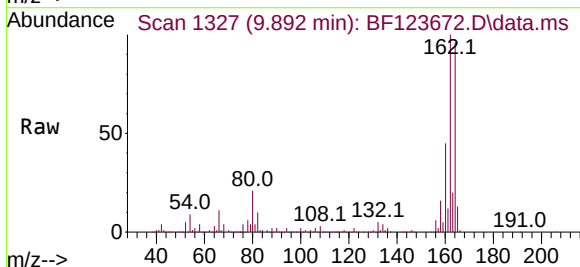
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

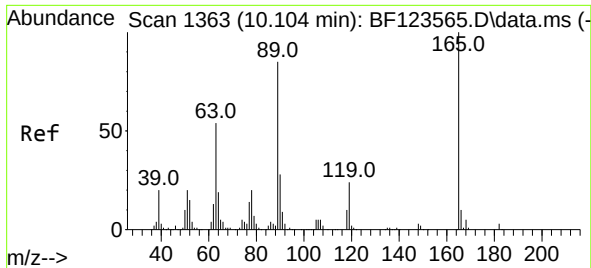
Tgt Ion:163 Resp: 58321
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 9.9 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion:165 Resp: 51041
Ion Ratio Lower Upper
165 100
63 2.2 67.7 101.5#
89 2.1 58.8 88.2#

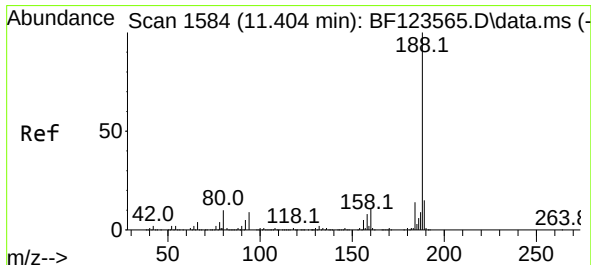
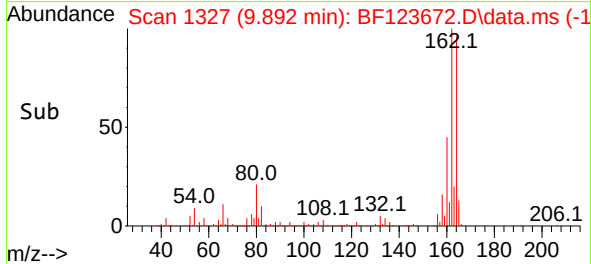
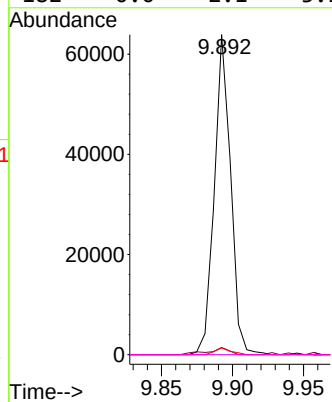
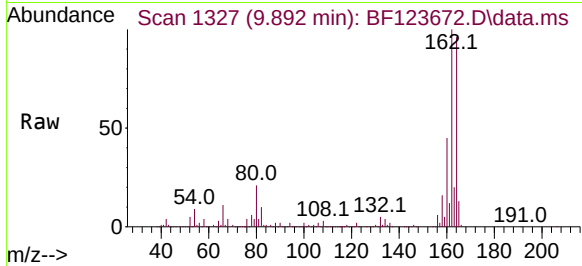




#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

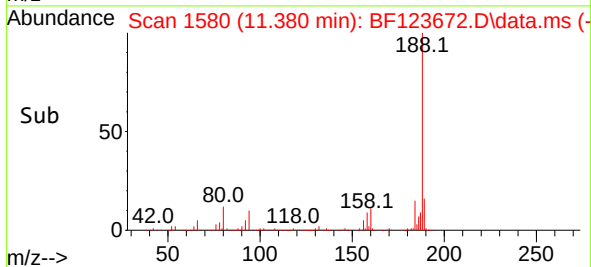
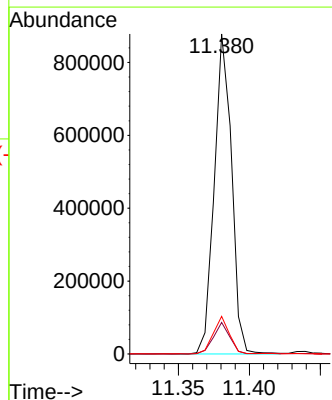
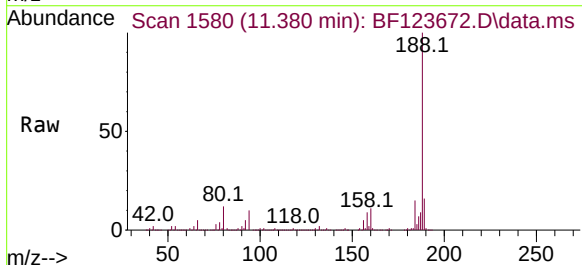
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

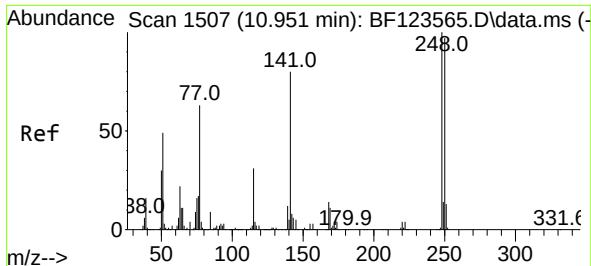
Tgt Ion:165	Resp:	51041
Ion Ratio	Lower	Upper
165	100	
63	2.2	43.5 65.3#
89	2.1	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion:188	Resp:	742957
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.9 10.3
80	11.7	8.2 12.2

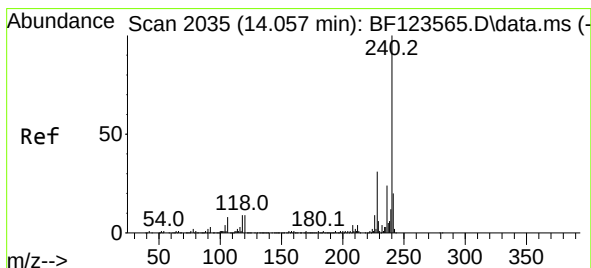
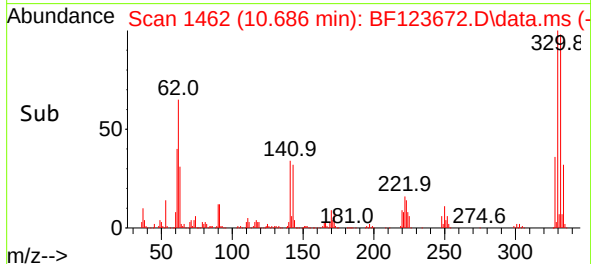
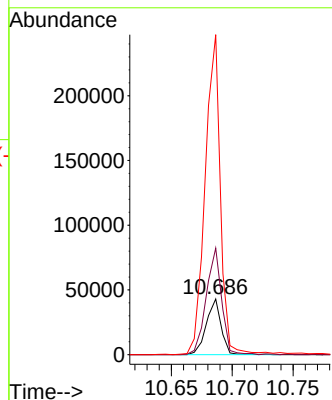
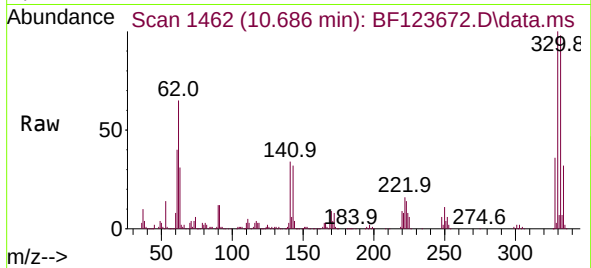




#67
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

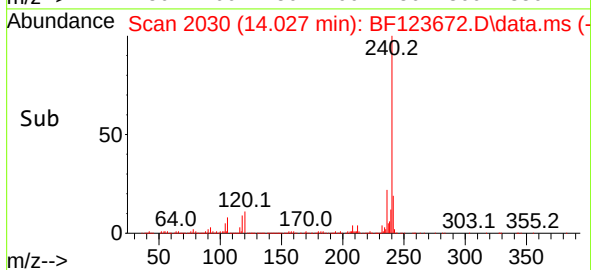
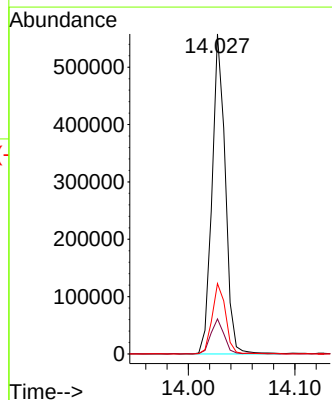
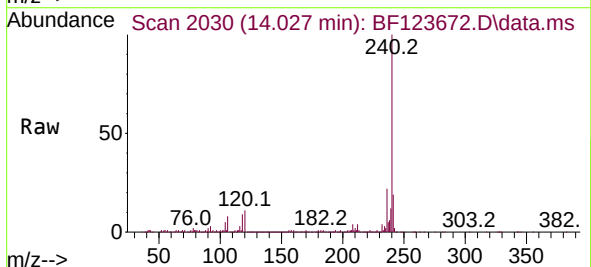
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

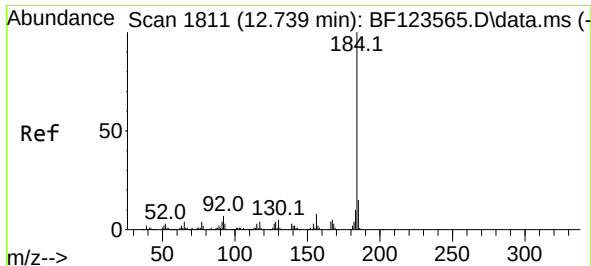
Tgt Ion:248 Resp: 36578
Ion Ratio Lower Upper
248 100
250 191.4 77.4 116.2#
141 574.9 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion:240 Resp: 481347
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 22.0 19.0 28.4

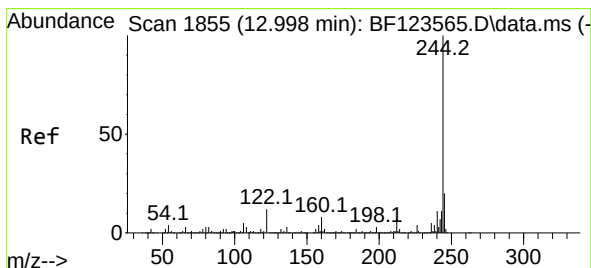
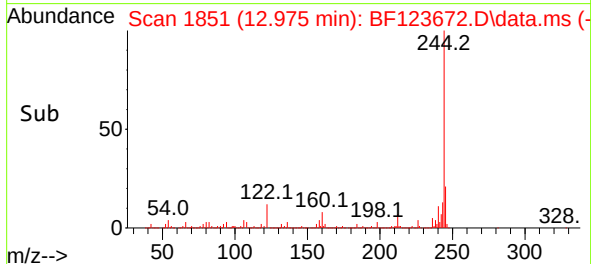
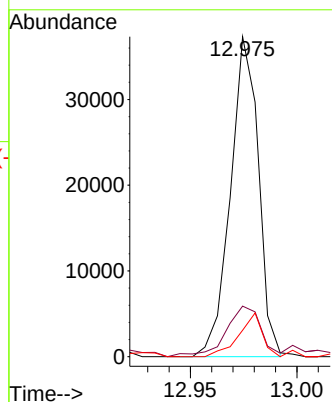
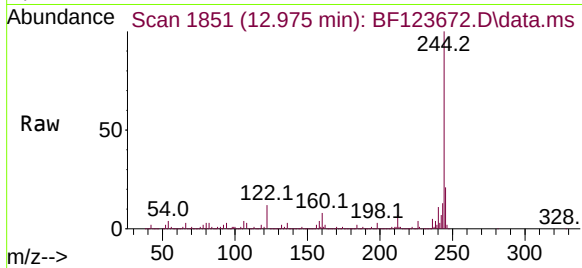




#77
Benzidine
Concen: 2.61 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

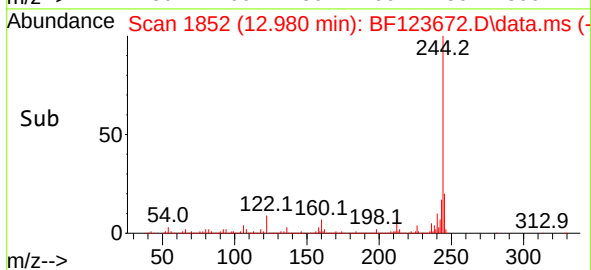
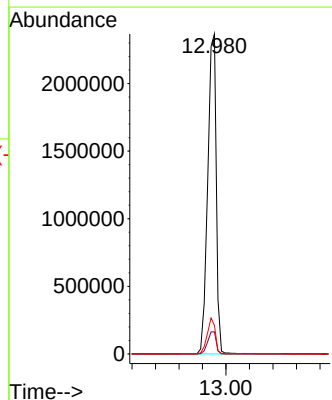
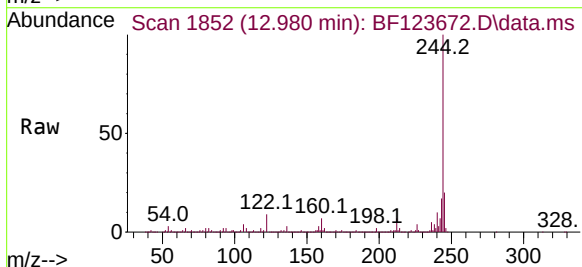
Instrument :
BNA_F
ClientSampleId :
MH20A-BNM-1-D-WATER-BAG

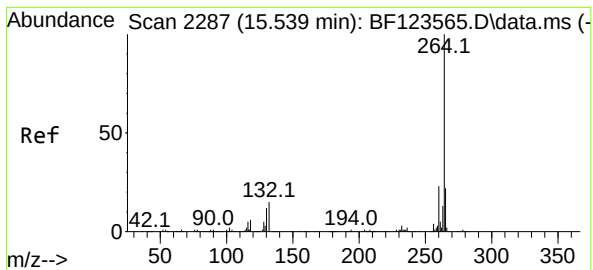
Tgt Ion:184 Resp: 34117
Ion Ratio Lower Upper
184 100
185 15.8 12.1 18.1
183 8.3 7.8 11.8



#79
Terphenyl-d14
Concen: 96.39 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF123672.D
Acq: 21 Apr 2021 17:54

Tgt Ion:244 Resp: 2387236
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 8.9 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: BF123672.D
 Acq: 21 Apr 2021 17:54

Instrument :
 BNA_F
ClientSampleId :
 MH20A-BNM-1-D-WATER-BAG

Tgt Ion:264	Resp: 471921
Ion Ratio	Lower Upper
264	100
260	23.9 18.7 28.1
265	20.9 17.8 26.8

