

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080122\
 Data File : BF129471.D
 Acq On : 01 Aug 2022 13:55
 Operator : CG\JU
 Sample : N3964-07DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HMGP-WATER-1DL

Quant Time: Aug 02 01:15:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

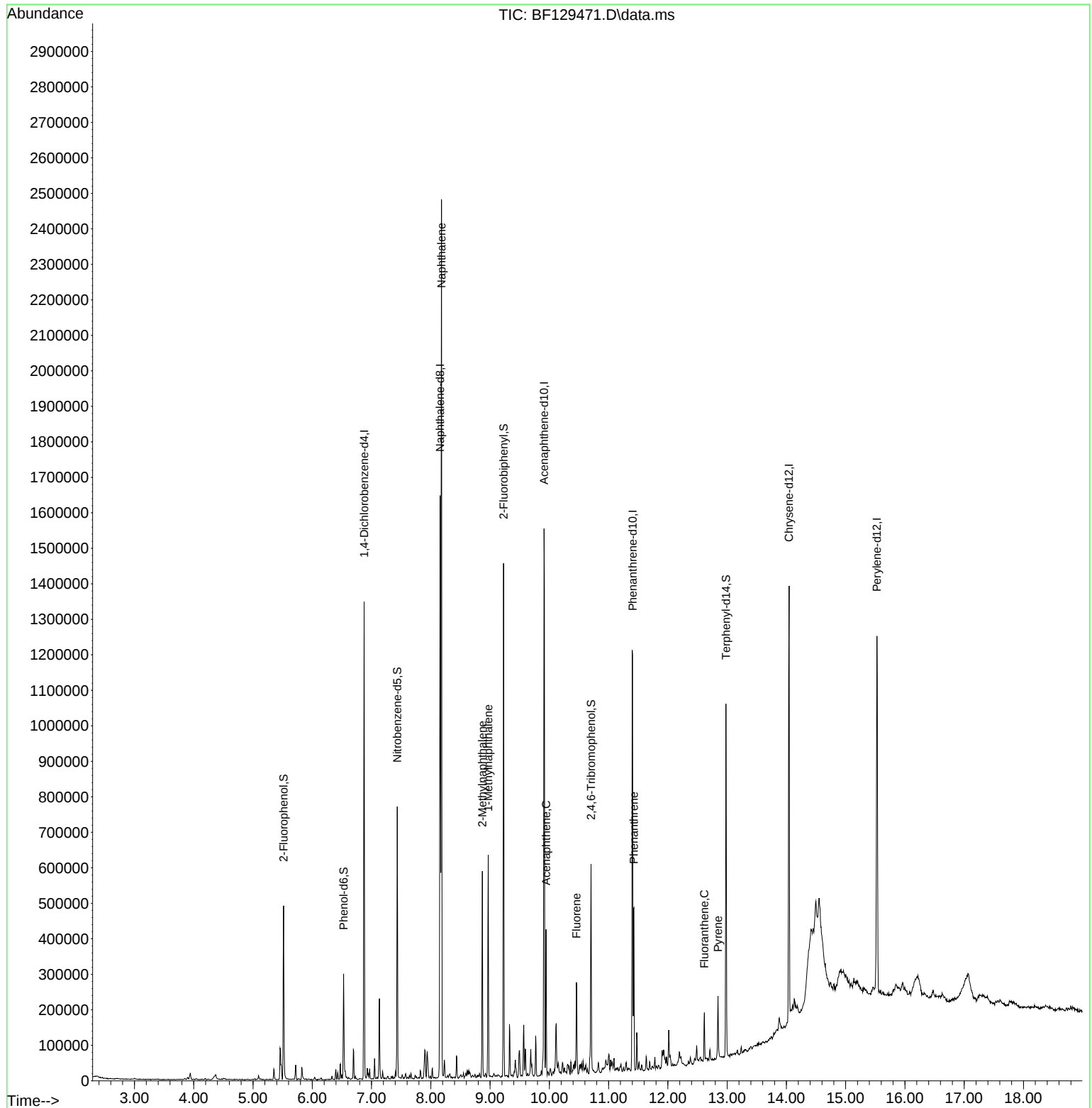
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	177337	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	676808	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	313745	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	438856	20.000	ng	0.00
76) Chrysene-d12	14.045	240	374617	20.000	ng	0.00
86) Perylene-d12	15.527	264	449131	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	130577	11.995	ng	0.01
7) Phenol-d6	6.528	99	96032	7.018	ng	0.00
23) Nitrobenzene-d5	7.434	82	207747	16.756	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	57897	19.194	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	375964	18.537	ng	0.00
79) Terphenyl-d14	12.980	244	301585	15.188	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.181	128	965595	28.081	ng	99
37) 2-Methylnaphthalene	8.869	142	135739	6.074	ng	98
38) 1-Methylnaphthalene	8.969	142	145590	6.749	ng	98
52) Acenaphthene	9.945	154	72483	3.946	ng	97
58) Fluorene	10.457	166	69013	3.406	ng	97
71) Phenanthrene	11.428	178	177935	7.428	ng	98
75) Fluoranthene	12.616	202	49862	2.054	ng	98
78) Pyrene	12.845	202	64037	2.044	ng	96

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

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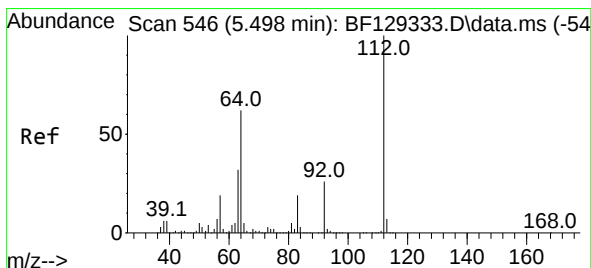
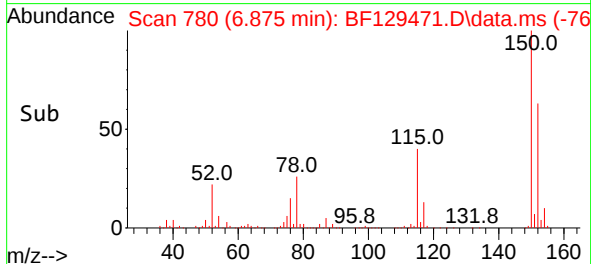
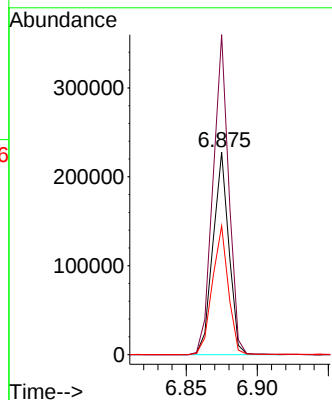
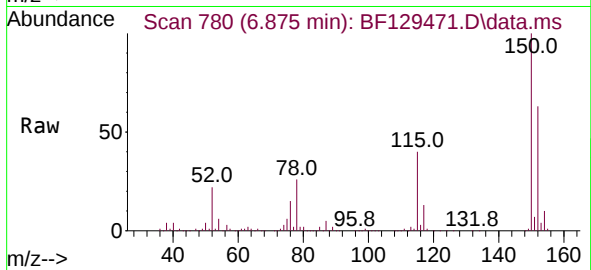




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: BF129471.D
 Acq: 01 Aug 2022 13:55

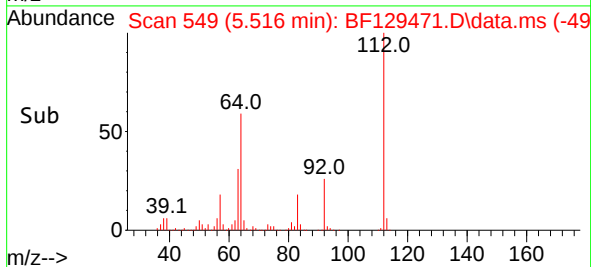
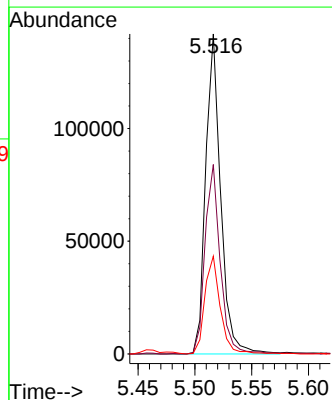
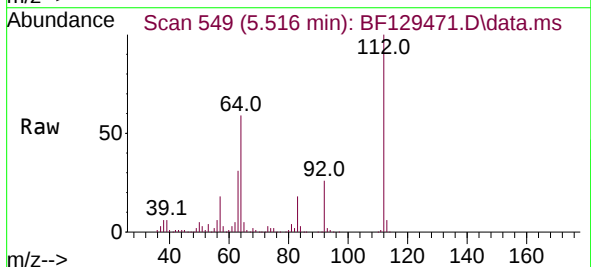
Instrument :
 BNA_F
 ClientSampleId :
 HMGP-WATER-1DL

Tgt Ion:152 Resp: 177337
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.7 185.5
 115 63.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 11.995 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: BF129471.D
 Acq: 01 Aug 2022 13:55

Tgt Ion:112 Resp: 130577
 Ion Ratio Lower Upper
 112 100
 64 59.2 53.3 79.9
 63 30.5 28.0 42.0

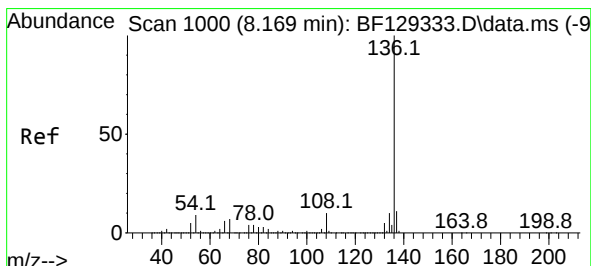
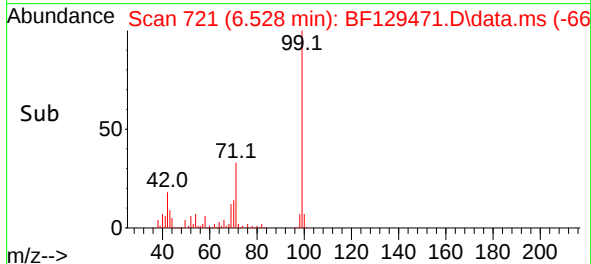
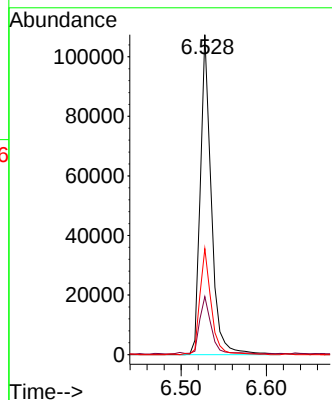
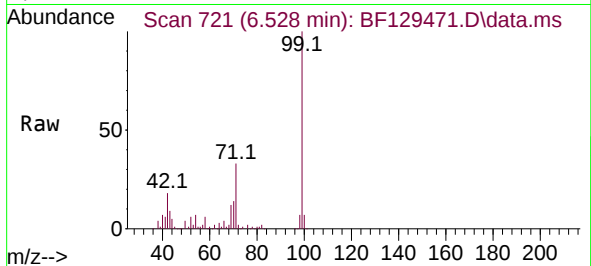




#7
Phenol-d6
Concen: 7.018 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

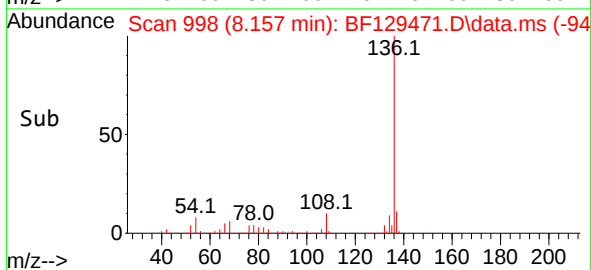
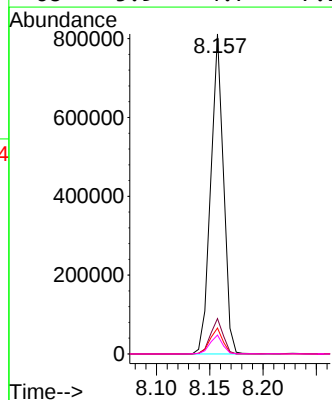
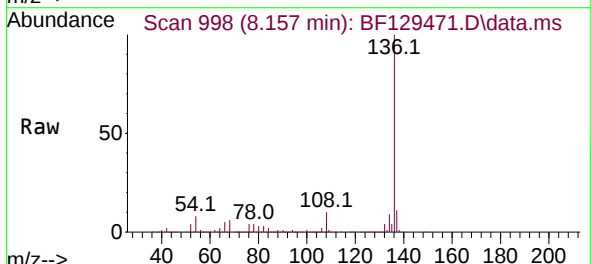
Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1DL

Tgt Ion: 99 Resp: 96032
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 33.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 136 Resp: 676808
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.1 7.5 11.3
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 16.756 ng

RT: 7.434 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF129471.D

Acq: 01 Aug 2022 13:55

Instrument :

BNA_F

ClientSampleId :

HMGP-WATER-1DL

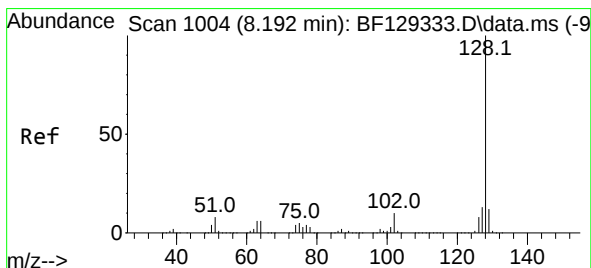
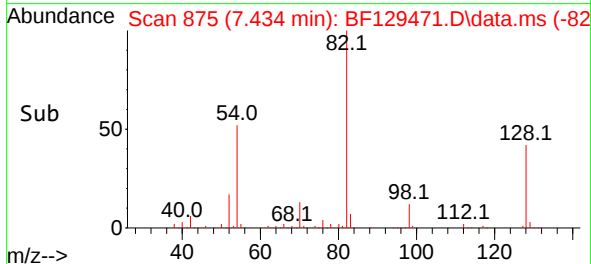
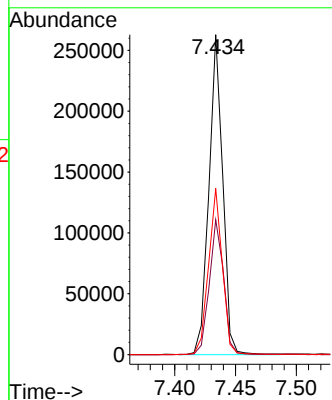
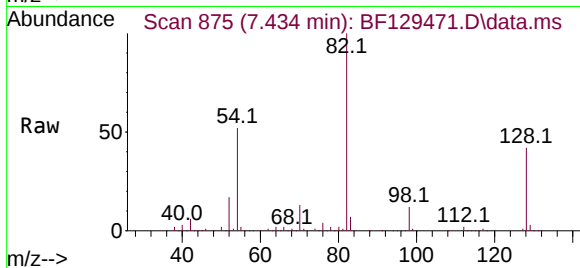
Tgt Ion: 82 Resp: 207747

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 51.9 46.9 70.3



#31

Naphthalene

Concen: 28.081 ng

RT: 8.181 min Scan# 1002

Delta R.T. -0.000 min

Lab File: BF129471.D

Acq: 01 Aug 2022 13:55

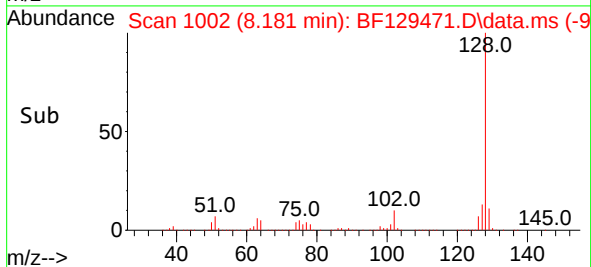
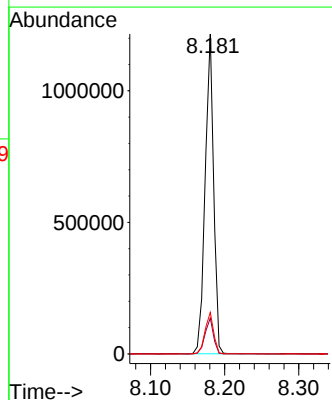
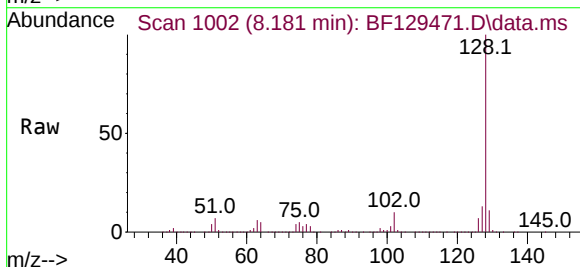
Tgt Ion: 128 Resp: 965595

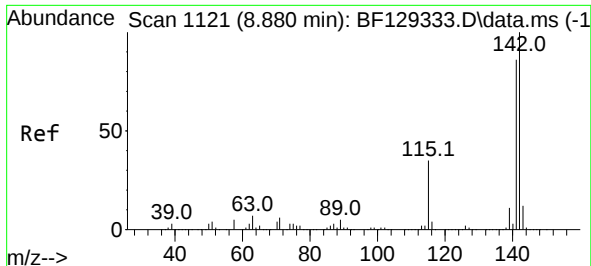
Ion Ratio Lower Upper

128 100

129 11.2 9.2 13.8

127 13.0 10.5 15.7

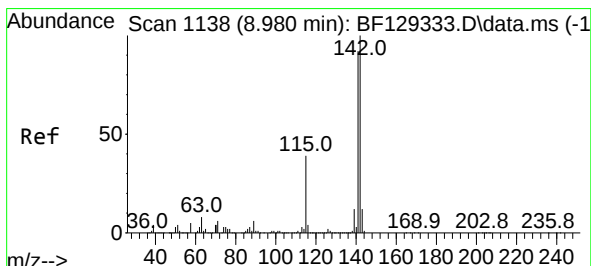
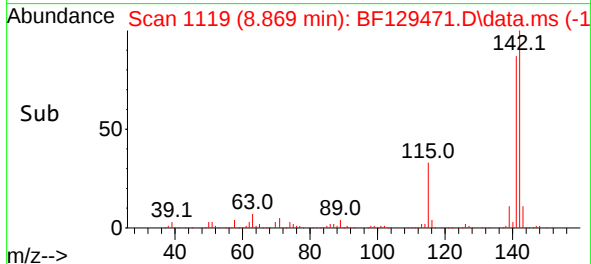
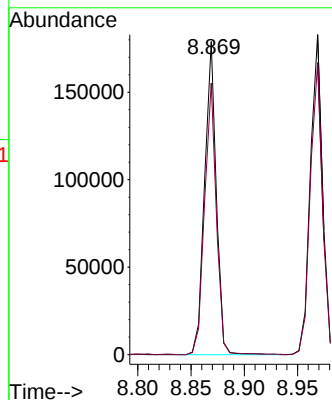
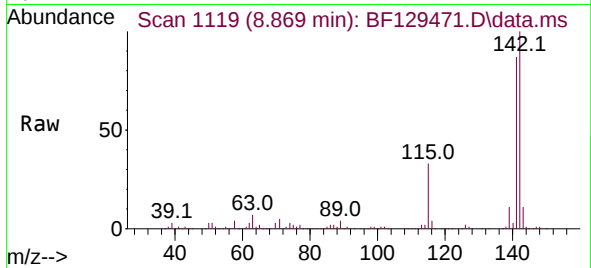




#37
2-Methylnaphthalene
Concen: 6.074 ng
RT: 8.869 min Scan# 1119
Delta R.T. -0.000 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

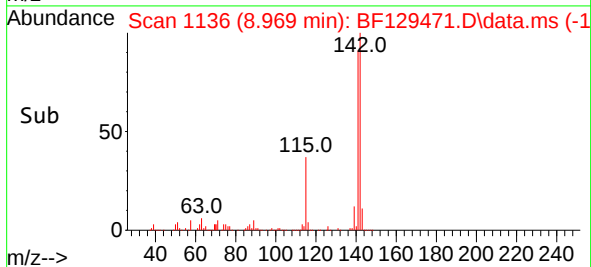
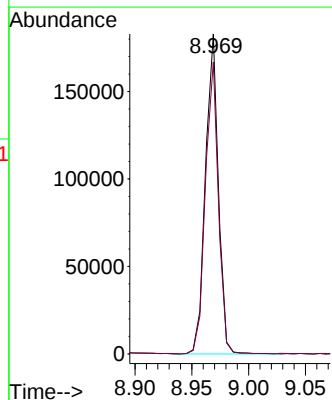
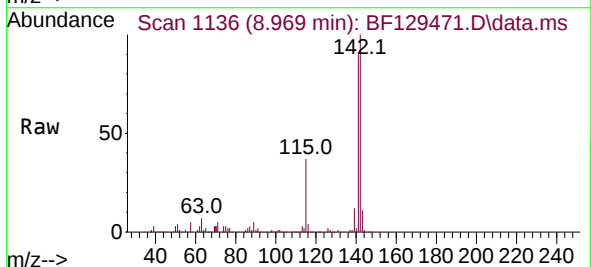
Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1DL

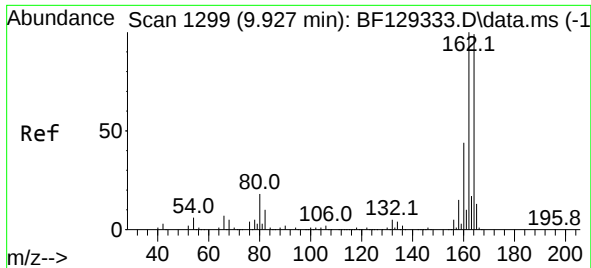
Tgt Ion:142 Resp: 135739
Ion Ratio Lower Upper
142 100
141 86.7 71.0 106.4



#38
1-Methylnaphthalene
Concen: 6.749 ng
RT: 8.969 min Scan# 1136
Delta R.T. -0.000 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

Tgt Ion:142 Resp: 145590
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4

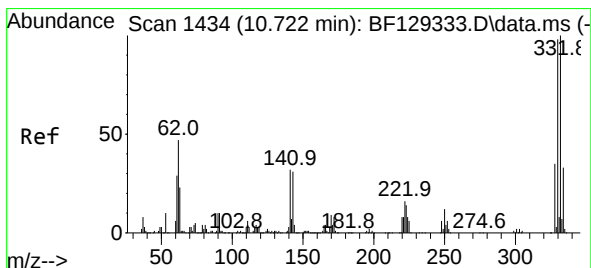
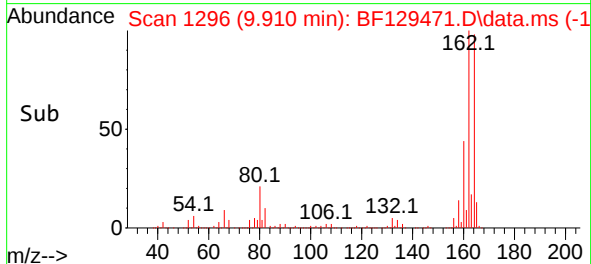
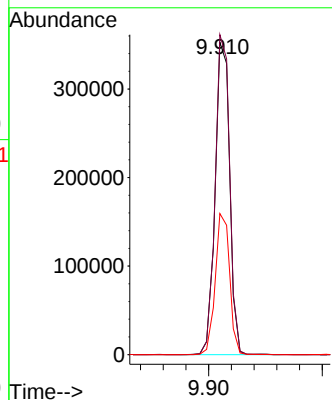
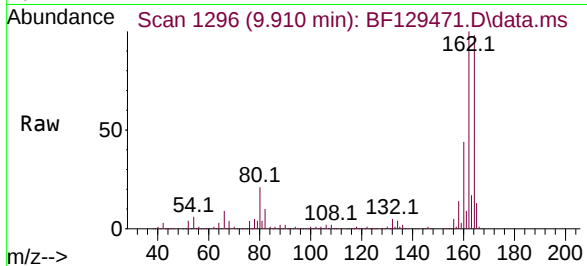




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

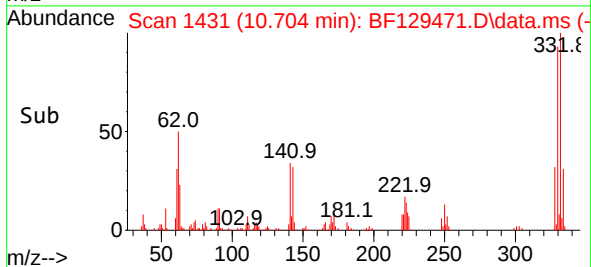
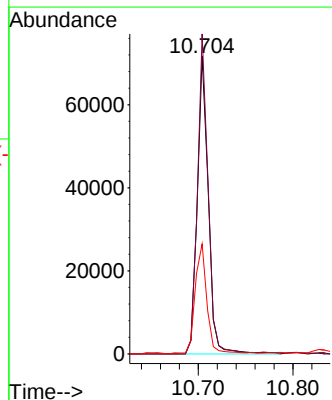
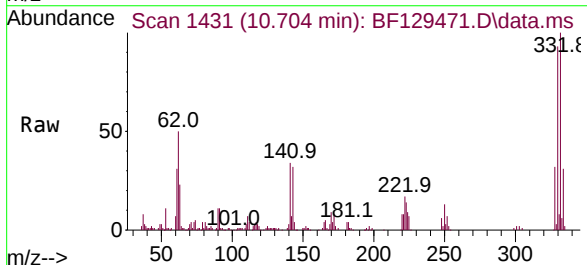
Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1DL

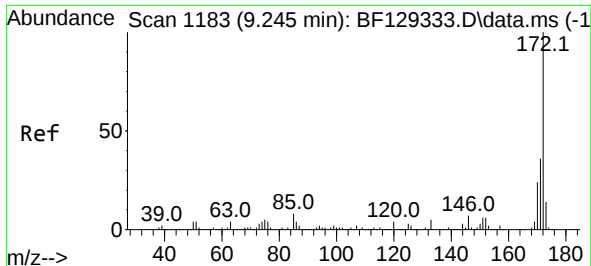
Tgt Ion:164 Resp: 313745
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 45.1 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 19.194 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

Tgt Ion:330 Resp: 57897
Ion Ratio Lower Upper
330 100
332 103.5 76.8 115.2
141 39.7 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 18.537 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF129471.D

Acq: 01 Aug 2022 13:55

Instrument :

BNA_F

ClientSampleId :

HMGP-WATER-1DL

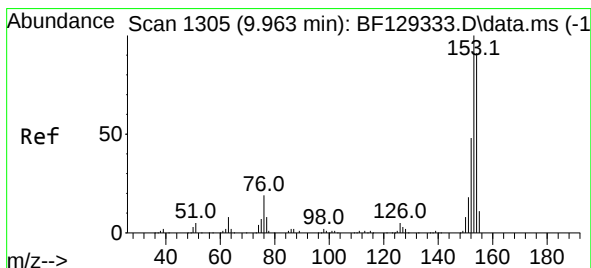
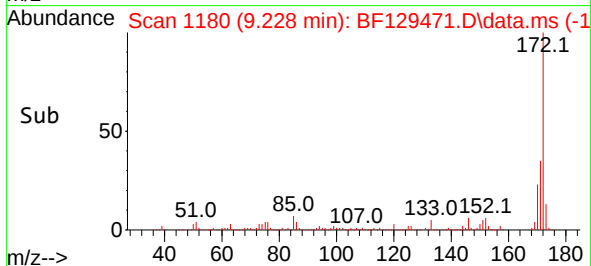
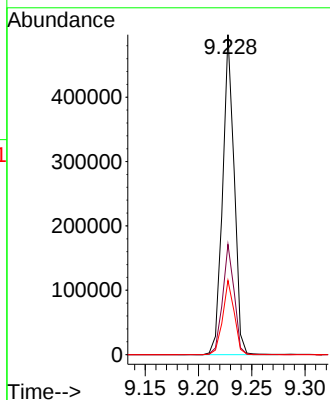
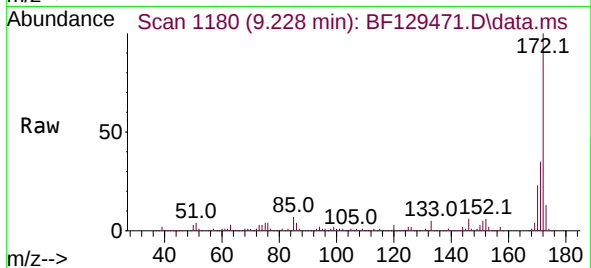
Tgt Ion:172 Resp: 375964

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 23.2 19.8 29.8



#52

Acenaphthene

Concen: 3.946 ng

RT: 9.945 min Scan# 1302

Delta R.T. -0.006 min

Lab File: BF129471.D

Acq: 01 Aug 2022 13:55

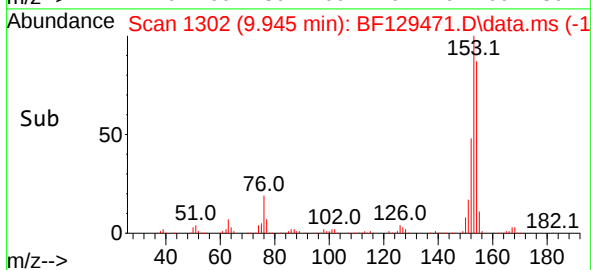
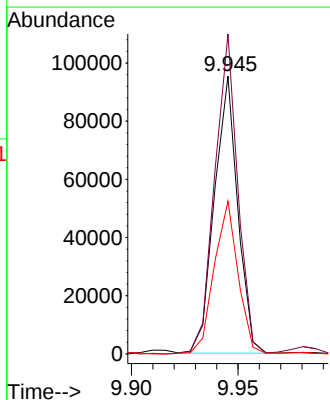
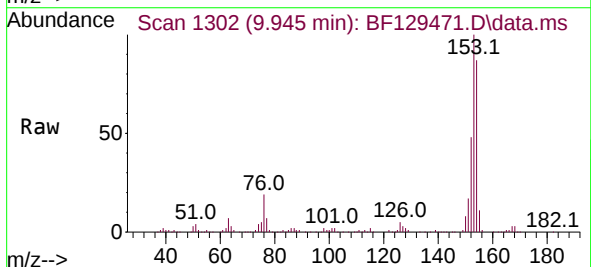
Tgt Ion:154 Resp: 72483

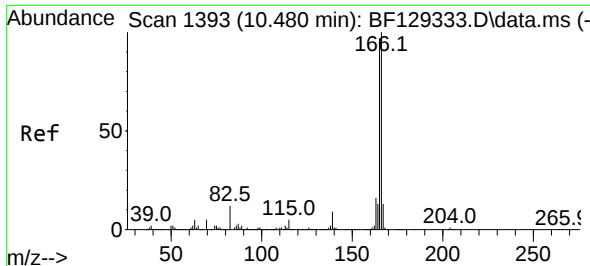
Ion Ratio Lower Upper

154 100

153 115.2 89.6 134.4

152 55.0 42.4 63.6

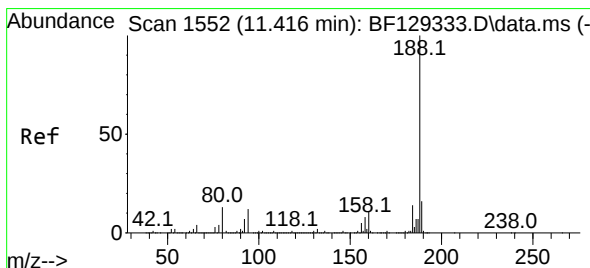
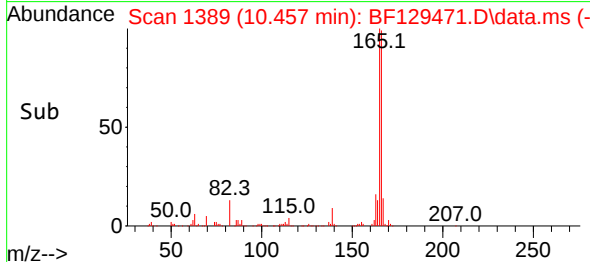
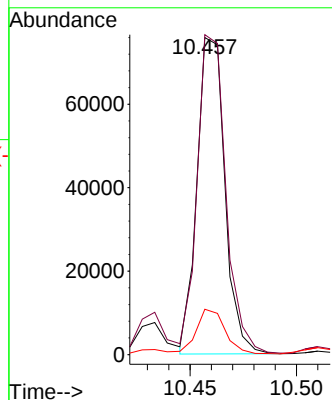
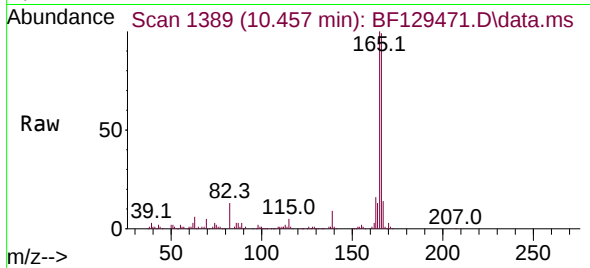




#58
Fluorene
Concen: 3.406 ng
RT: 10.457 min Scan# 1393
Delta R.T. -0.012 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

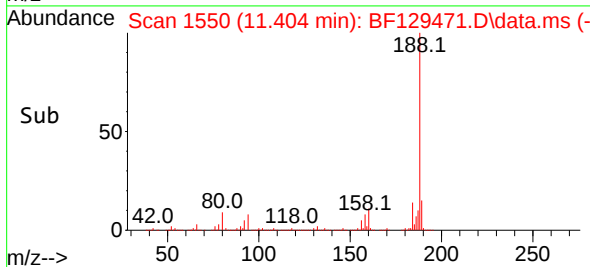
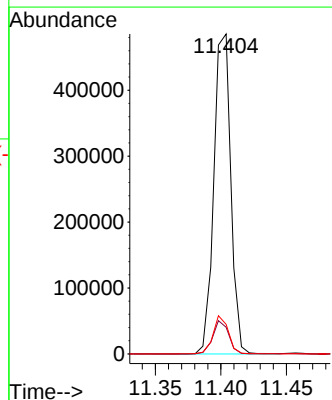
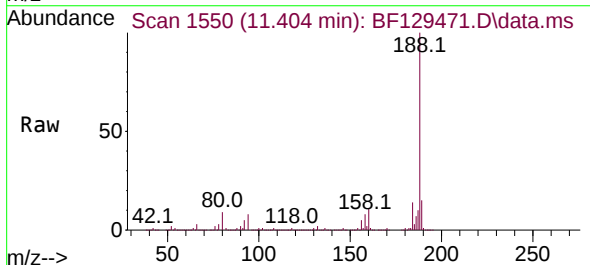
Instrument :
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HMGP-WATER-1DL

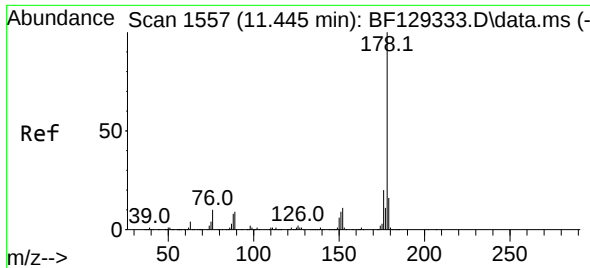
Tgt Ion:166 Resp: 69013
Ion Ratio Lower Upper
166 100
165 100.9 78.1 117.1
167 14.3 10.5 15.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

Tgt Ion:188 Resp: 438856
Ion Ratio Lower Upper
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94 8.3 7.0 10.6
80 9.2 7.6 11.4

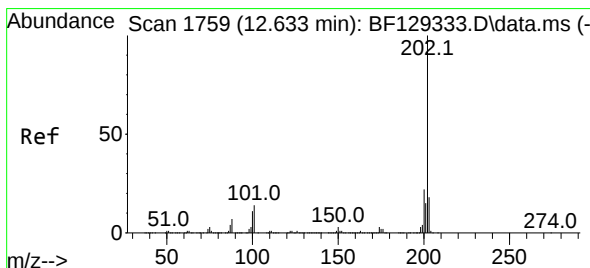
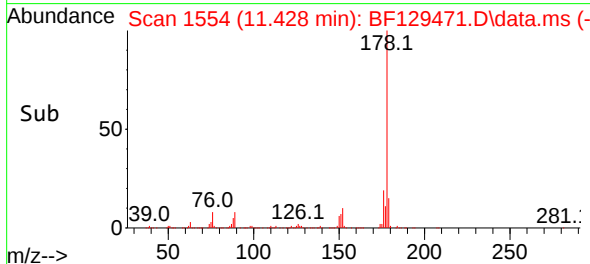
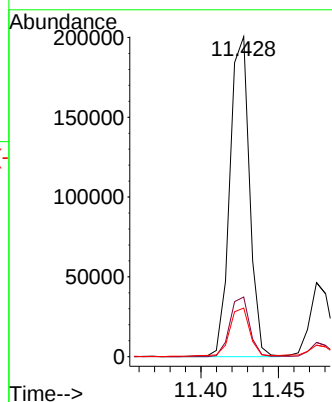
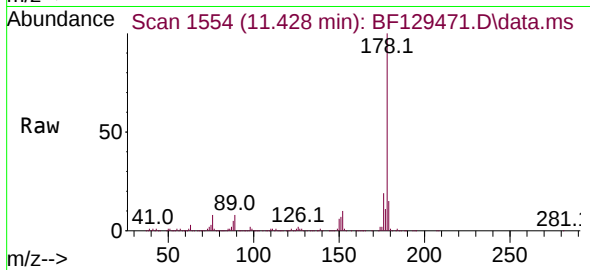




#71
Phenanthrene
Concen: 7.428 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

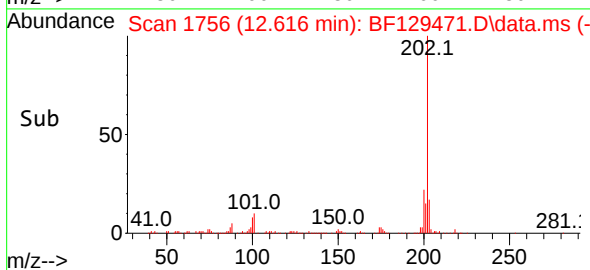
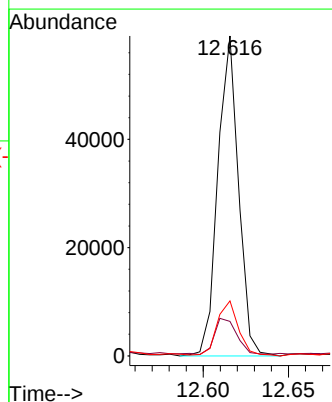
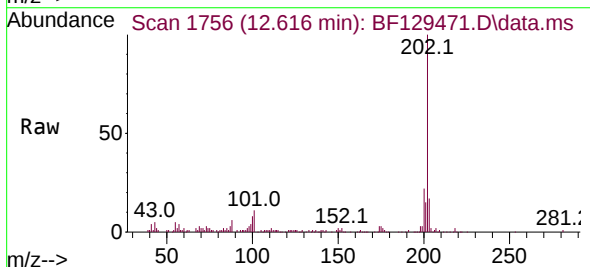
Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1DL

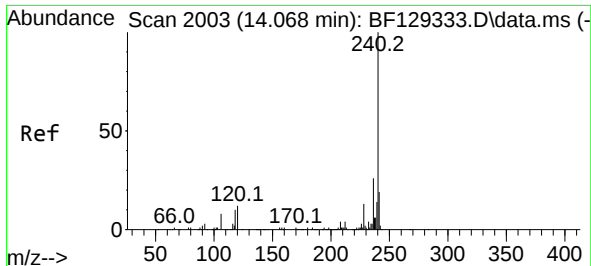
Tgt Ion:178 Resp: 177935
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.2 12.6 19.0



#75
Fluoranthene
Concen: 2.054 ng
RT: 12.616 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

Tgt Ion:202 Resp: 49862
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.4
203 17.2 0.0 38.0

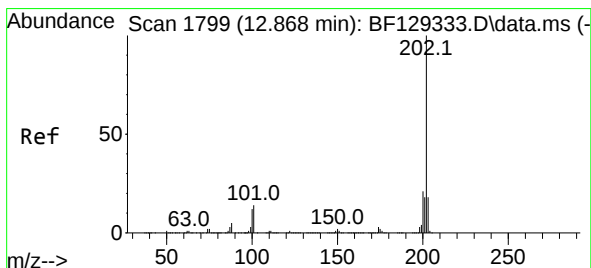
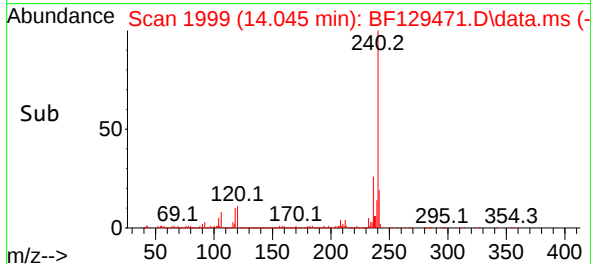
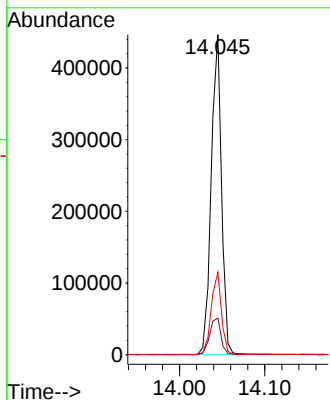
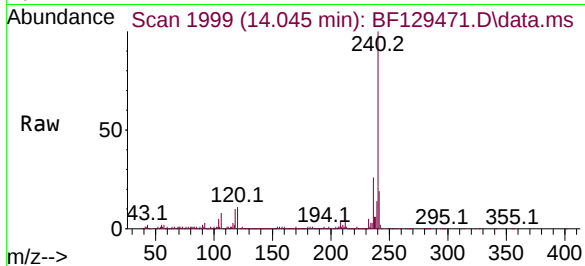




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

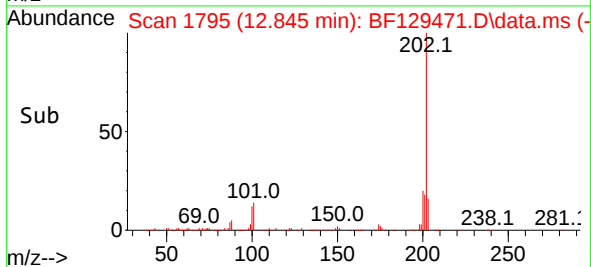
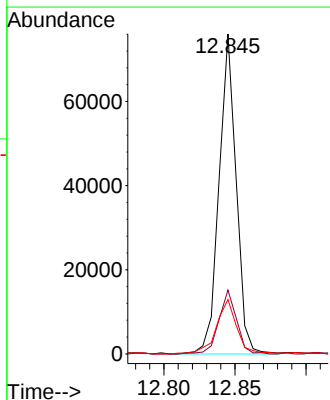
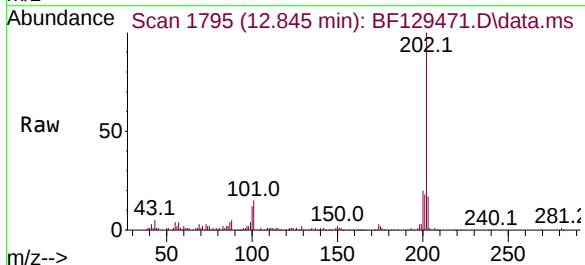
Instrument :
BNA_F
ClientSampleId :
HMGP-WATER-1DL

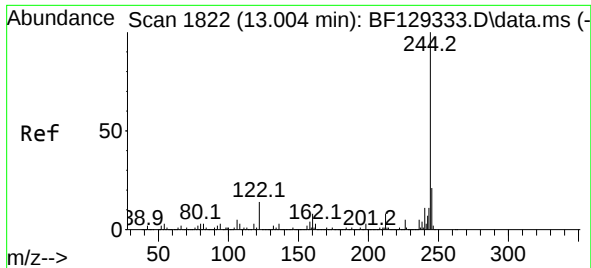
Tgt Ion:240 Resp: 374617
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.8 20.8 31.2



#78
Pyrene
Concen: 2.044 ng
RT: 12.845 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF129471.D
Acq: 01 Aug 2022 13:55

Tgt Ion:202 Resp: 64037
Ion Ratio Lower Upper
202 100
200 19.9 17.7 26.5
203 17.0 14.6 21.8

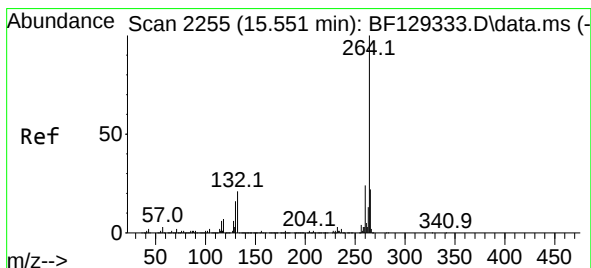
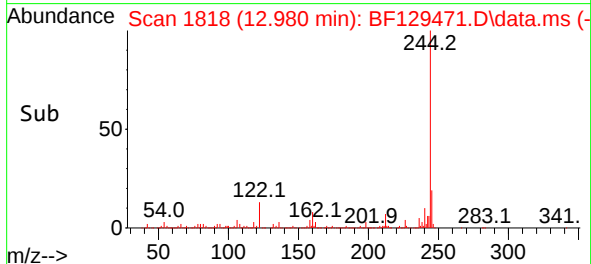
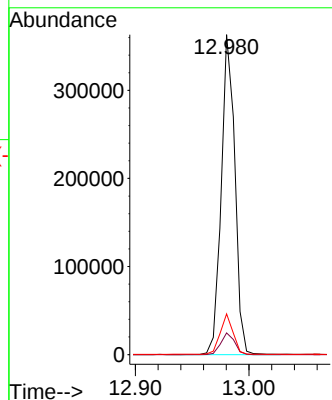
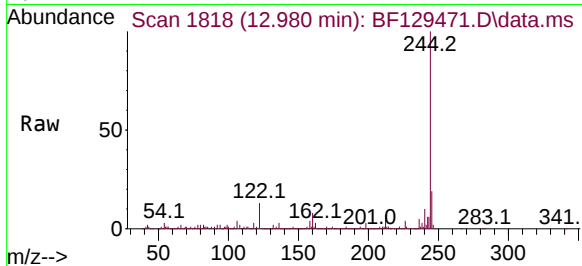




#79
 Terphenyl-d14
 Concen: 15.188 ng
 RT: 12.980 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129471.D
 Acq: 01 Aug 2022 13:55

Instrument :
 BNA_F
 ClientSampleId :
 HMGP-WATER-1DL

Tgt Ion:244 Resp: 301585
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 12.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.000 min
 Lab File: BF129471.D
 Acq: 01 Aug 2022 13:55

Tgt Ion:264 Resp: 449131
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 22.4 17.2 25.8

