

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128369.D
 Acq On : 20 May 2022 17:39
 Operator : CG\JU
 Sample : N2939-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-WATER

Quant Time: May 23 02:39:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	92542	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	354586	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	192441	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	338287	20.000	ng	0.00
76) Chrysene-d12	14.039	240	219322	20.000	ng	-0.01
86) Perylene-d12	15.527	264	192174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	348609	59.948	ng	0.00
7) Phenol-d6	6.487	99	279770	36.536	ng	-0.01
23) Nitrobenzene-d5	7.428	82	626448	79.157	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	232429	117.114	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	962621	81.802	ng	0.00
79) Terphenyl-d14	12.980	244	974374	85.762	ng	0.00

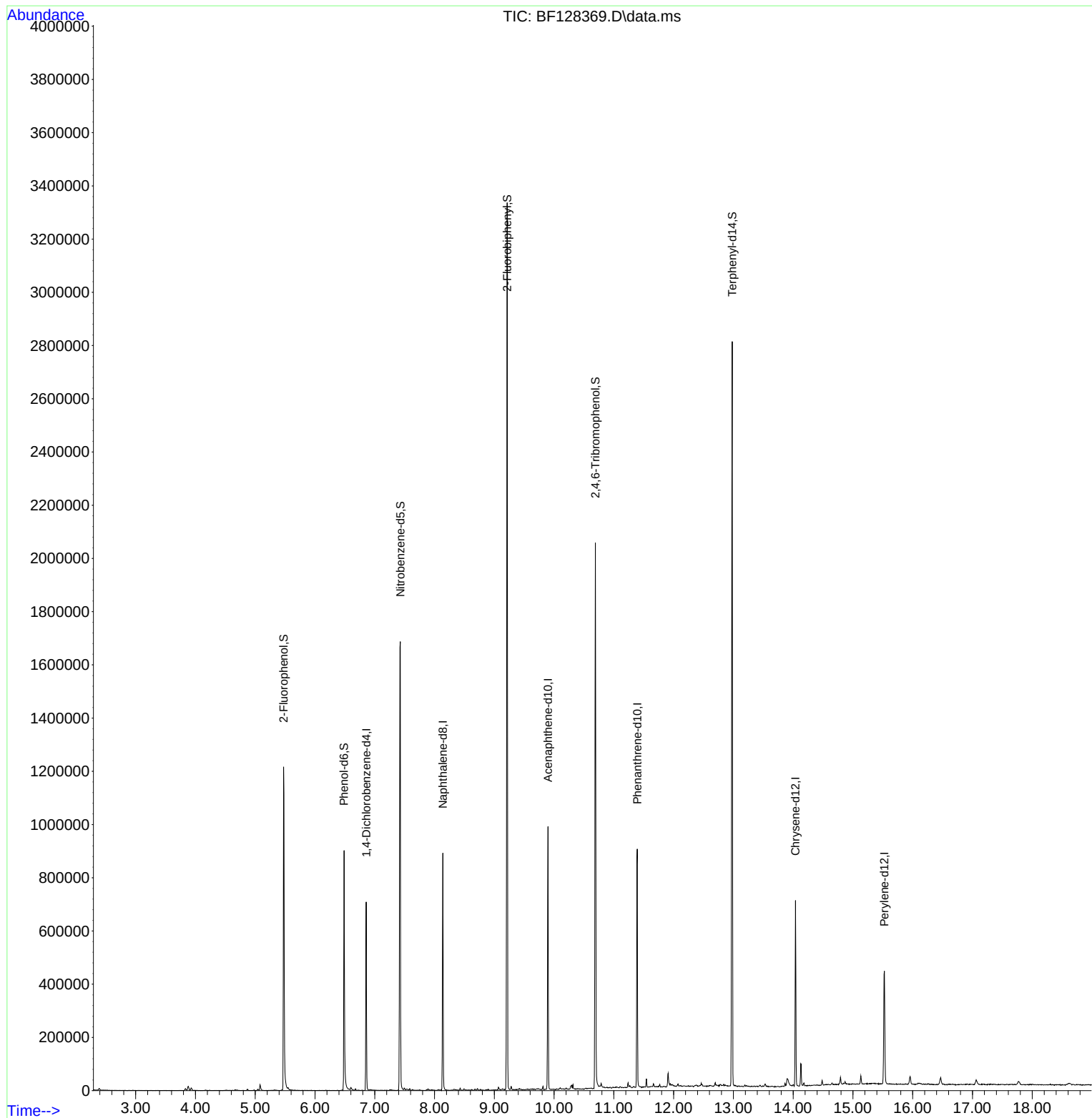
Target Compounds	Qvalue

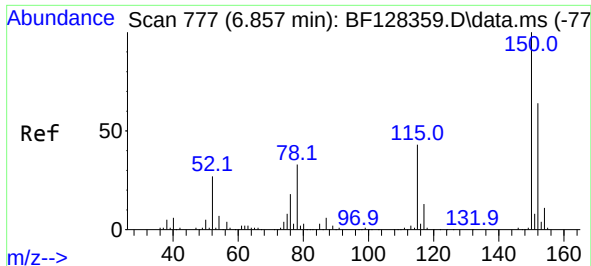
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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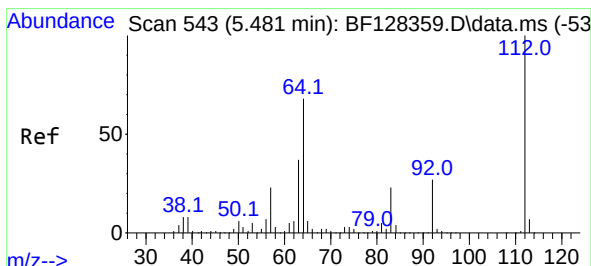
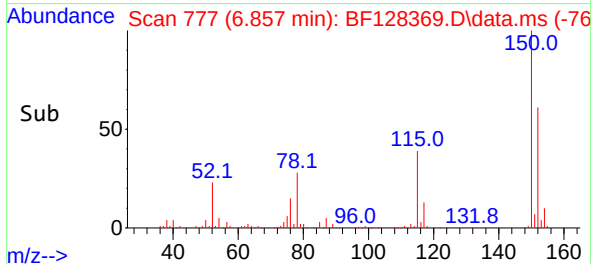
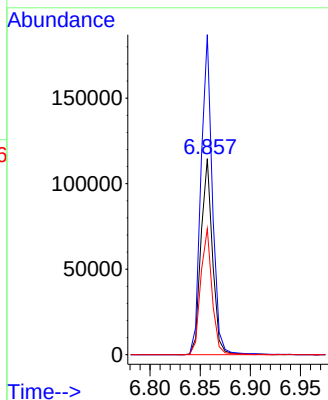
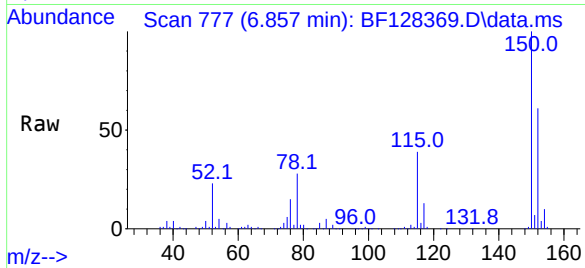




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

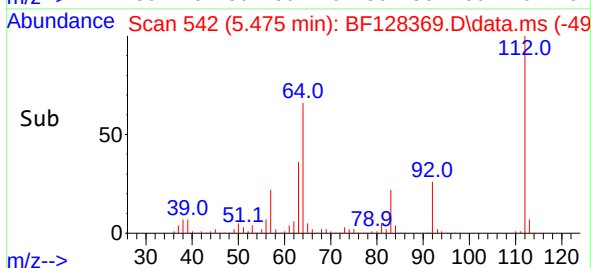
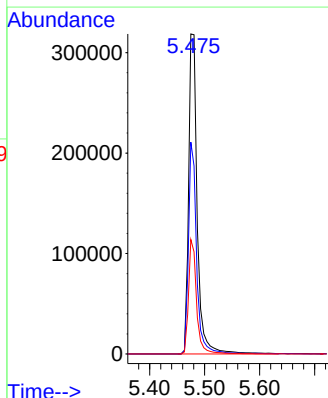
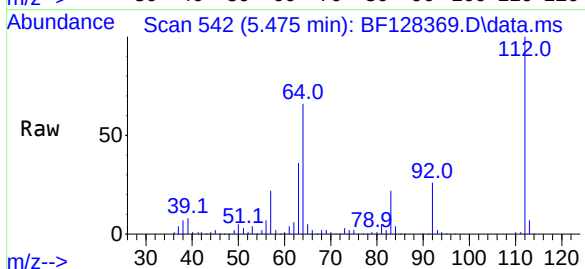
Instrument :
BNA_F
ClientSampleId :
B3-WATER

Tgt Ion:152 Resp: 92542
Ion Ratio Lower Upper
152 100
150 163.2 125.3 187.9
115 64.3 48.8 73.2

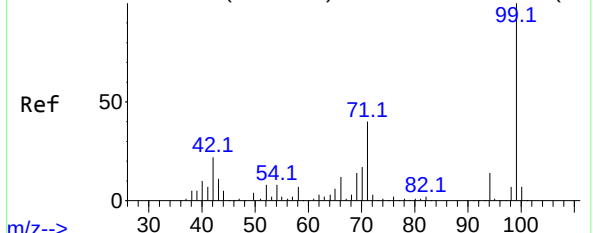


#5
2-Fluorophenol
Concen: 59.948 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

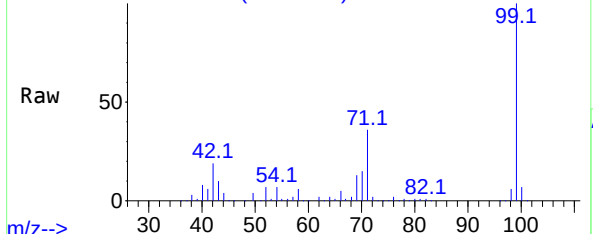
Tgt Ion:112 Resp: 348609
Ion Ratio Lower Upper
112 100
64 66.2 49.5 74.3
63 35.8 26.3 39.5



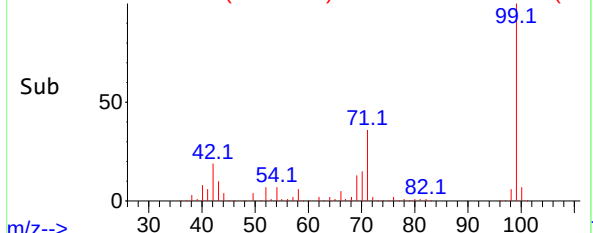
Abundance Scan 716 (6.498 min): BF128359.D\data.ms (-70



m/z--> Scan 714 (6.487 min): BF128369.D\data.ms



m/z--> Abundance Scan 714 (6.487 min): BF128369.D\data.ms (-66



m/z-->

#7

Phenol-d6

Concen: 36.536 ng

RT: 6.487 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

Instrument :

BNA_F

ClientSampleId :

B3-WATER

Tgt Ion: 99 Resp: 279770

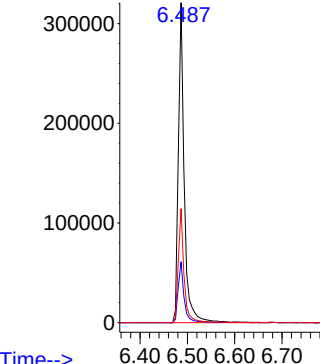
Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

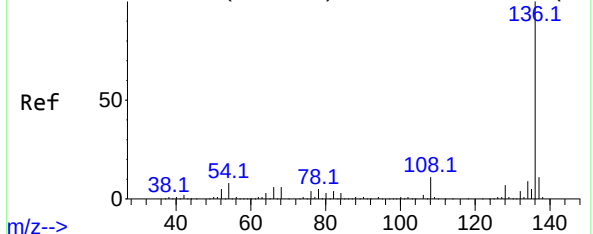
71 35.6 30.0 45.0

Abundance

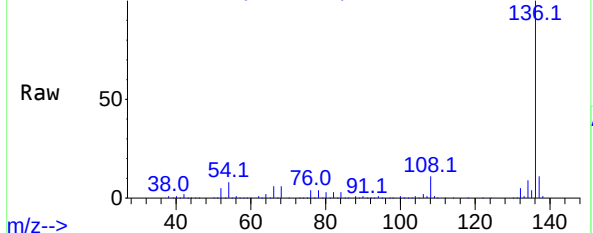


Time-->

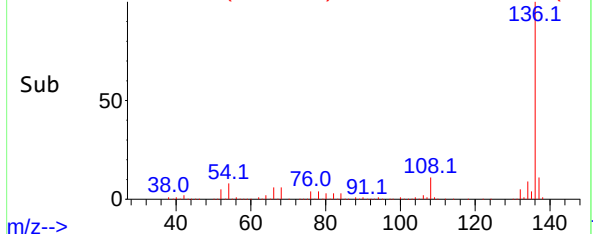
Abundance Scan 996 (8.145 min): BF128359.D\data.ms (-98



m/z--> Abundance Scan 995 (8.139 min): BF128369.D\data.ms



m/z--> Abundance Scan 995 (8.139 min): BF128369.D\data.ms (-94



m/z-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF128369.D

Acq: 20 May 2022 17:39

Tgt Ion: 136 Resp: 354586

Ion Ratio Lower Upper

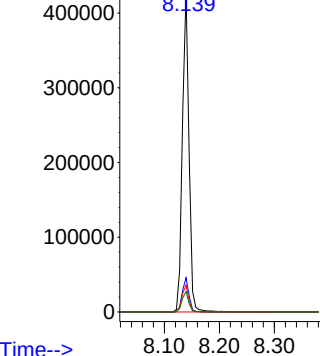
136 100

137 10.7 8.6 13.0

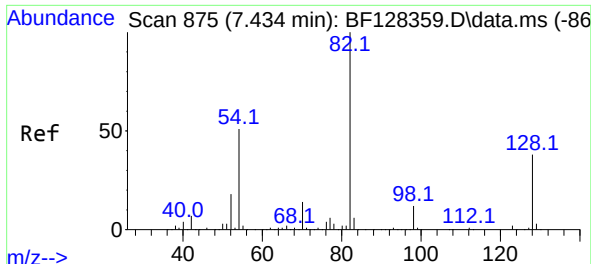
54 8.4 6.8 10.2

68 6.4 5.1 7.7

Abundance



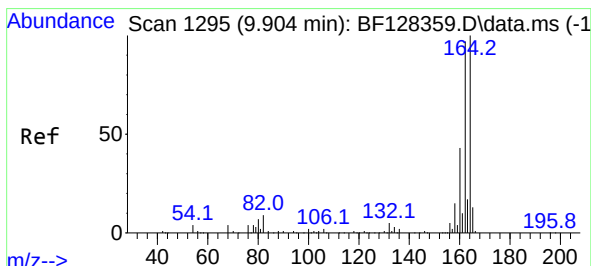
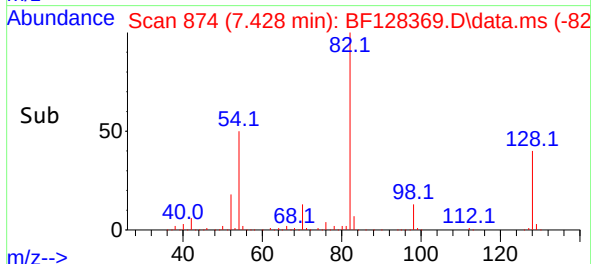
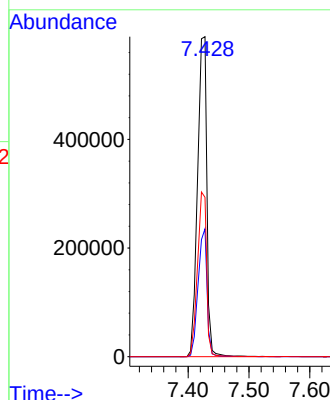
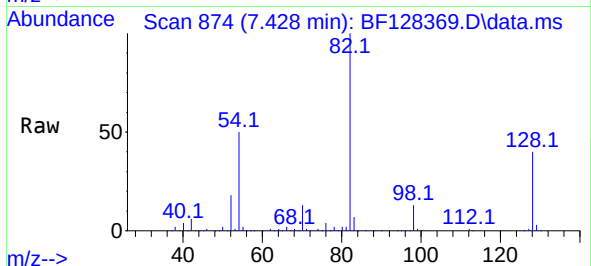
Time-->



#23
Nitrobenzene-d5
Concen: 79.157 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

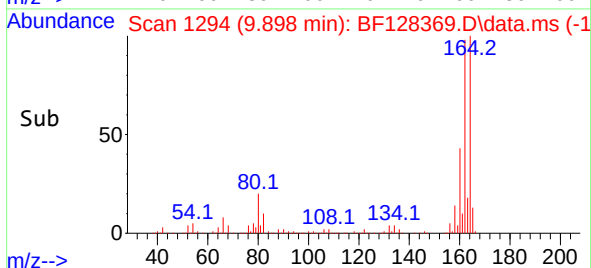
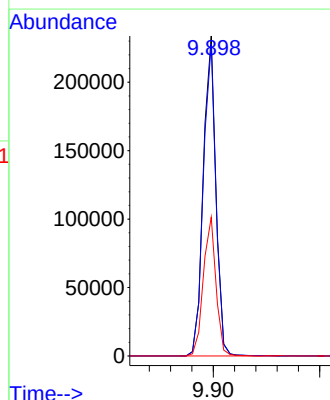
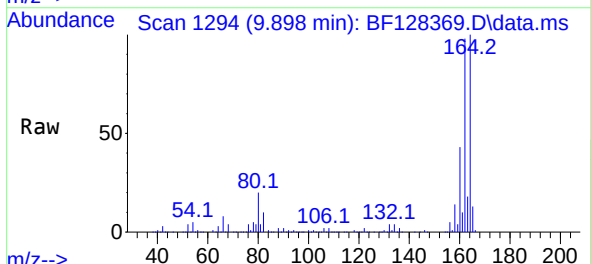
Instrument :
BNA_F
ClientSampleId :
B3-WATER

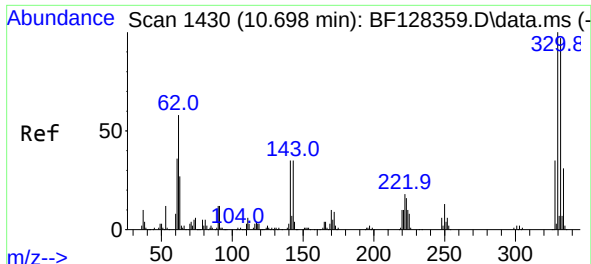
Tgt Ion: 82 Resp: 626448
Ion Ratio Lower Upper
82 100
128 39.9 30.0 45.0
54 49.8 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

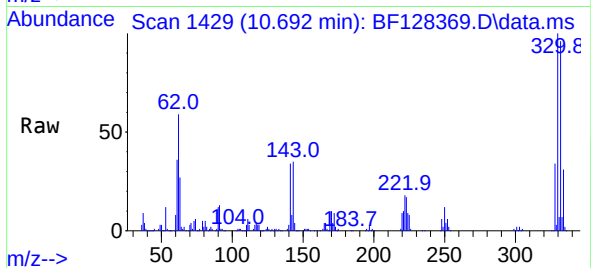
Tgt Ion:164 Resp: 192441
Ion Ratio Lower Upper
164 100
162 97.6 76.0 114.0
160 43.3 34.8 52.2



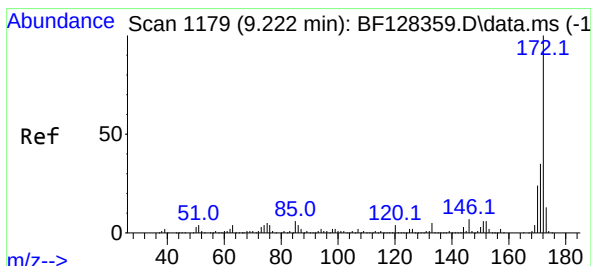
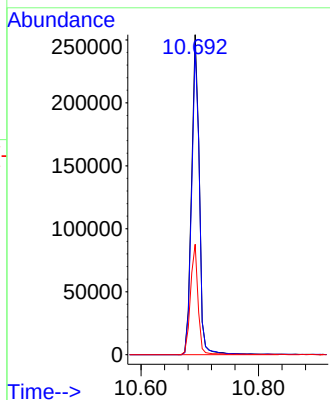
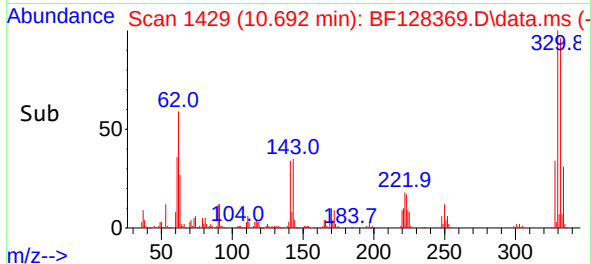


#42
2,4,6-Tribromophenol
Concen: 117.114 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

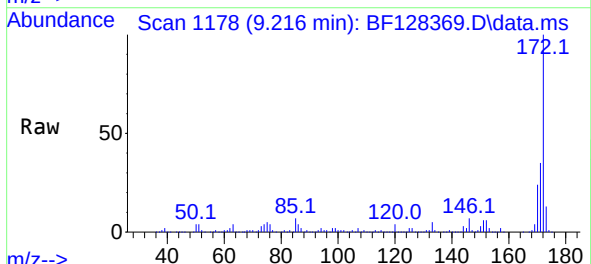
Instrument :
BNA_F
ClientSampleId :
B3-WATER



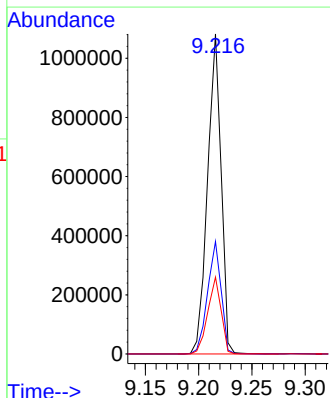
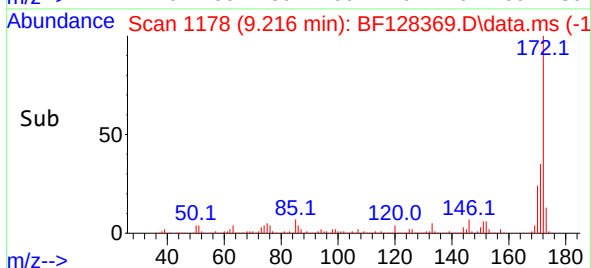
Tgt Ion:330 Resp: 232429
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 33.9 28.9 43.3

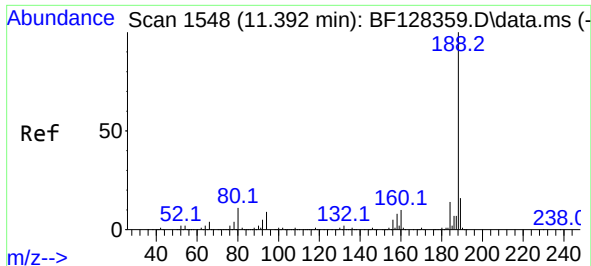


#45
2-Fluorobiphenyl
Concen: 81.802 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39



Tgt Ion:172 Resp: 962621
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 24.0 19.1 28.7

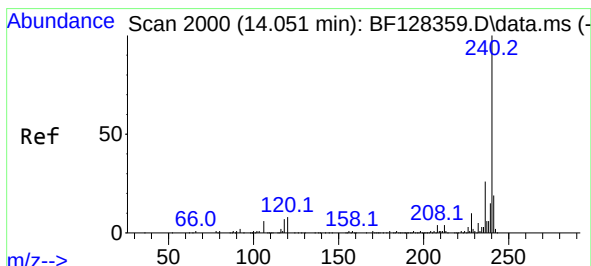
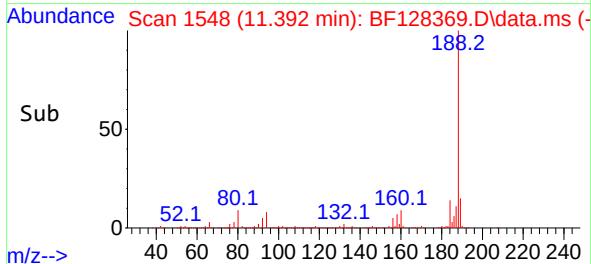
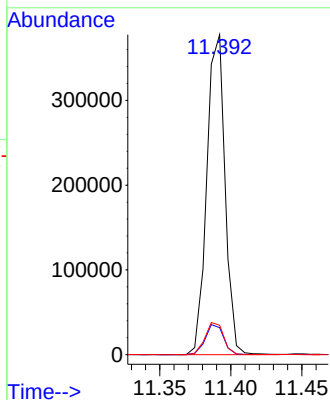
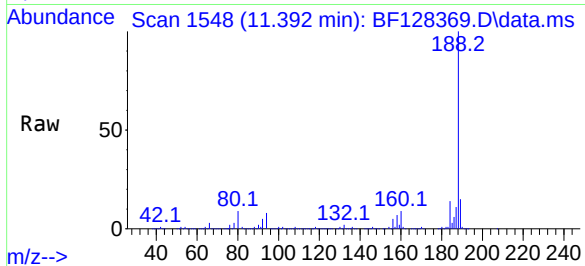




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

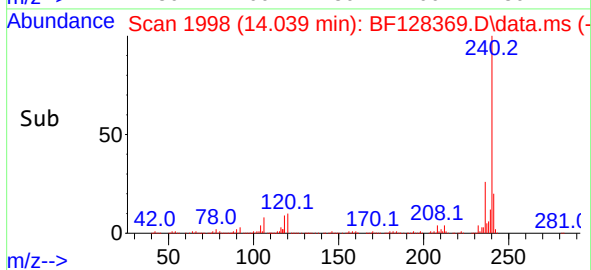
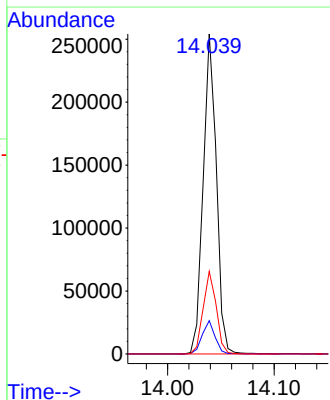
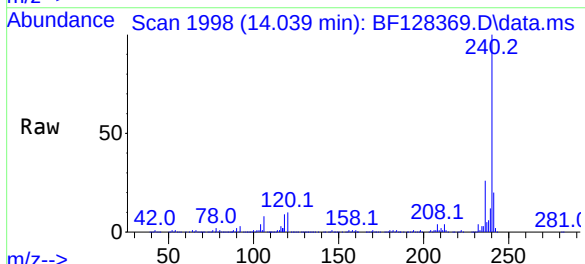
Instrument :
BNA_F
ClientSampleId :
B3-WATER

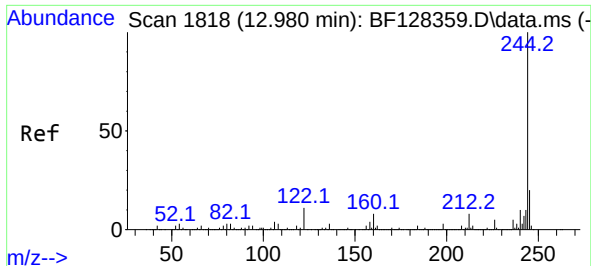
Tgt Ion:188 Resp: 338287
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BF128369.D
Acq: 20 May 2022 17:39

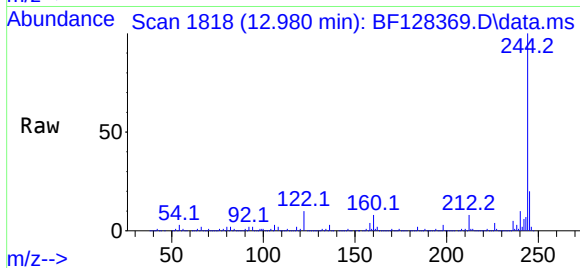
Tgt Ion:240 Resp: 219322
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 25.8 20.3 30.5



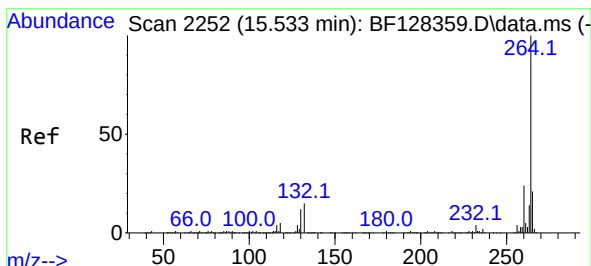
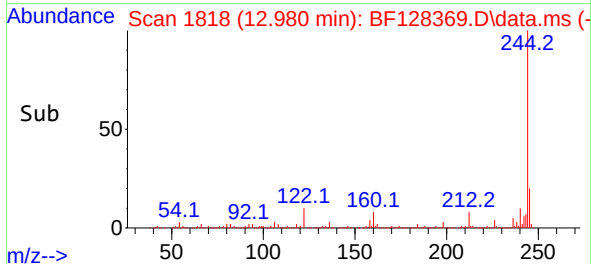
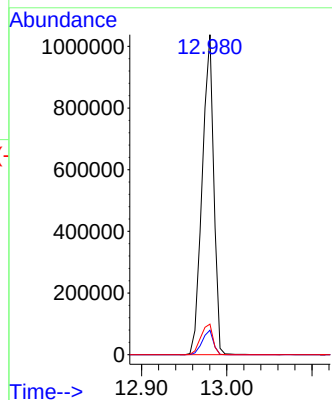


#79
 Terphenyl-d14
 Concen: 85.762 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128369.D
 Acq: 20 May 2022 17:39

Instrument :
 BNA_F
 ClientSampleId :
 B3-WATER



Tgt Ion:244 Resp: 974374
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128369.D
 Acq: 20 May 2022 17:39

Tgt Ion:264 Resp: 192174
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 21.1 17.5 26.3

