

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126871.D
 Acq On : 14 Feb 2022 15:18
 Operator : CG\JU
 Sample : N1477-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220072-104-21-SITE-WATER

Quant Time: Feb 15 00:59:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

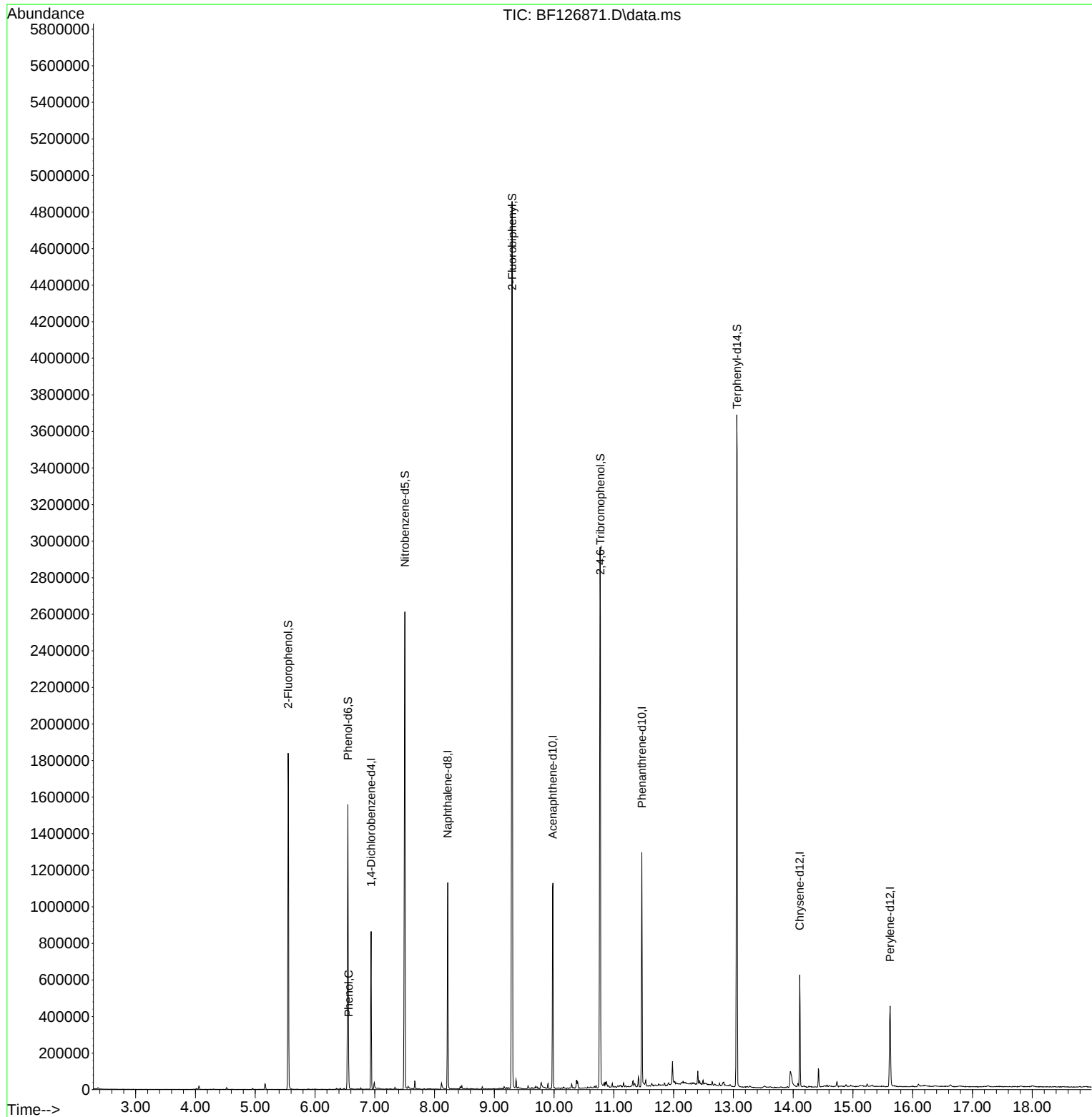
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	104404	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	430151	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	221275	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	395973	20.000	ng	0.00
76) Chrysene-d12	14.110	240	184377	20.000	ng	-0.01
86) Perylene-d12	15.621	264	188598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	460095	67.851	ng	0.00
7) Phenol-d6	6.551	99	440197	48.087	ng	-0.01
23) Nitrobenzene-d5	7.504	82	883427	94.760	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	364552	153.675	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1392994	94.762	ng	0.00
79) Terphenyl-d14	13.063	244	1300089	101.085	ng	0.00
Target Compounds						
10) Phenol	6.563	94	19075	2.067	ng	Qvalue 97

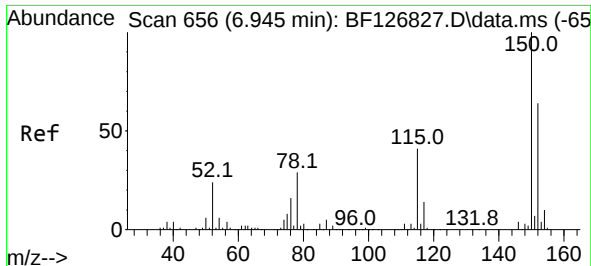
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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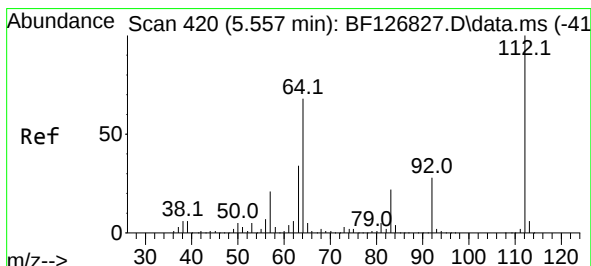
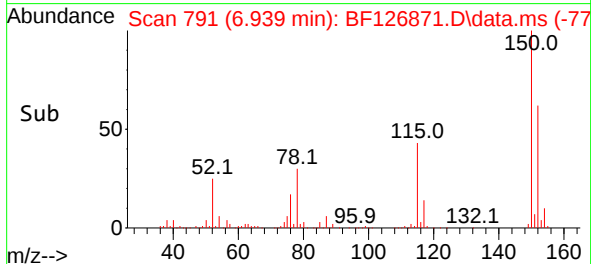
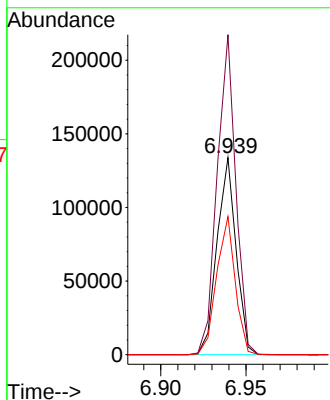
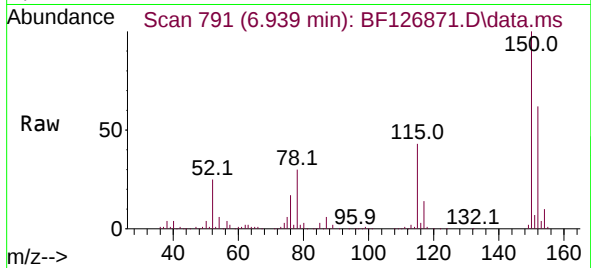




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

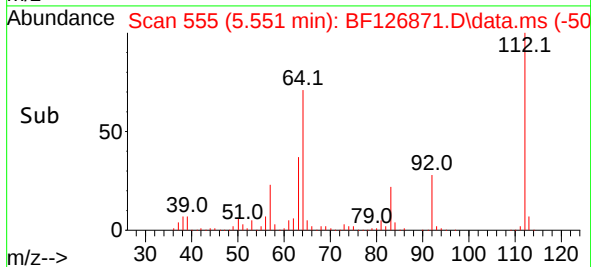
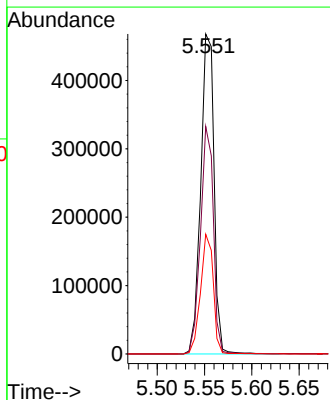
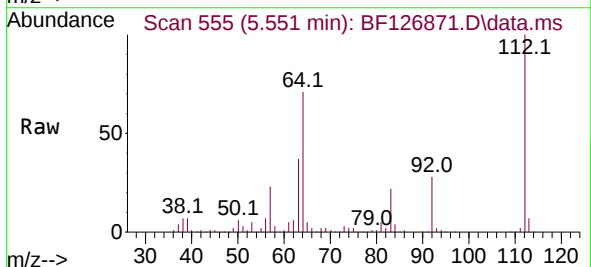
Instrument :
BNA_F
ClientSampleId :
20220072-104-21-SITE-WATER

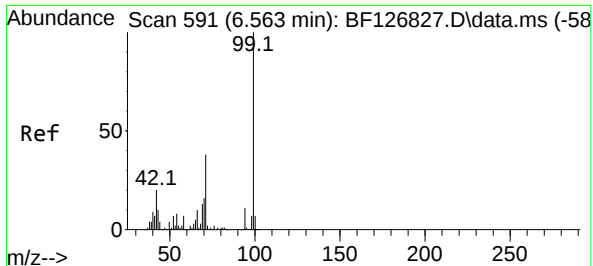
Tgt Ion:152 Resp: 104404
Ion Ratio Lower Upper
152 100
150 162.4 124.3 186.5
115 70.0 50.5 75.7



#5
2-Fluorophenol
Concen: 67.851 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

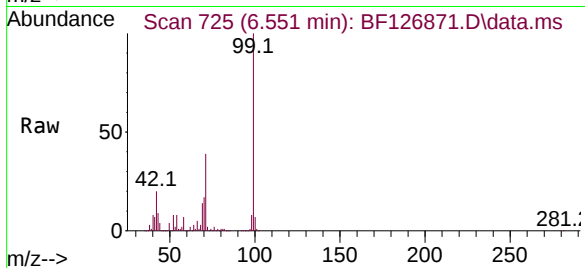
Tgt Ion:112 Resp: 460095
Ion Ratio Lower Upper
112 100
64 71.1 54.3 81.5
63 37.4 27.5 41.3



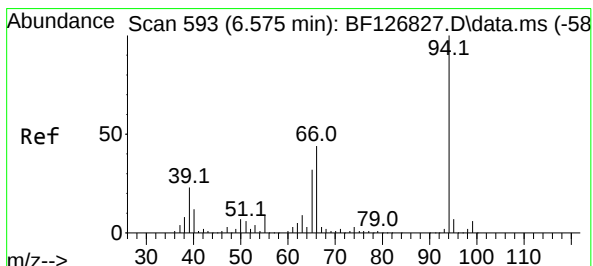
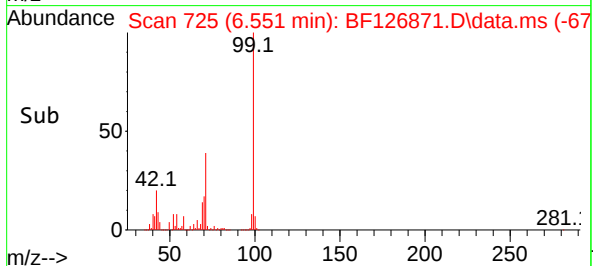
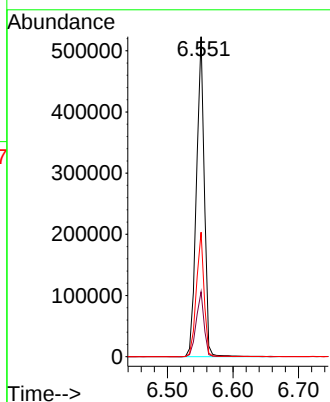


#7
Phenol-d6
Concen: 48.087 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

Instrument :
BNA_F
ClientSampleId :
20220072-104-21-SITE-WATER

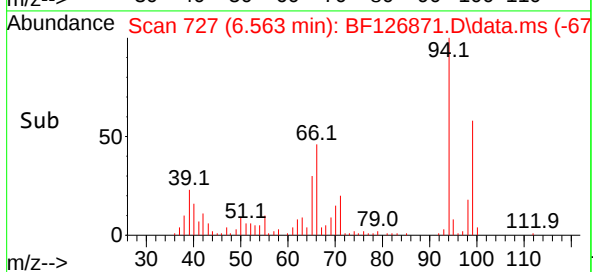
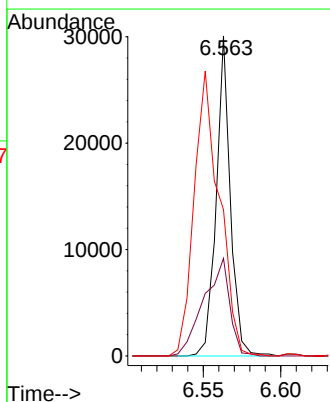
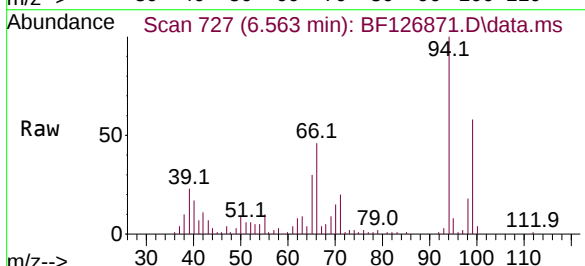


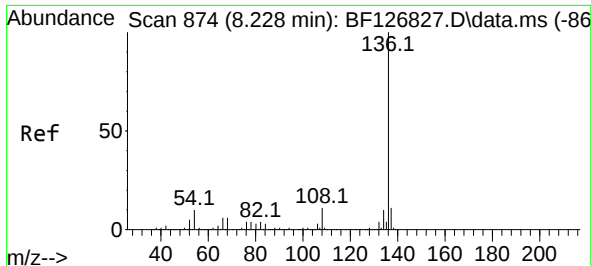
Tgt Ion: 99 Resp: 440197
Ion Ratio Lower Upper
99 100
42 20.3 15.8 23.6
71 38.9 30.6 45.8



#10
Phenol
Concen: 2.067 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.012 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 94 Resp: 19075
Ion Ratio Lower Upper
94 100
65 30.5 12.1 52.1
66 45.7 23.6 63.6

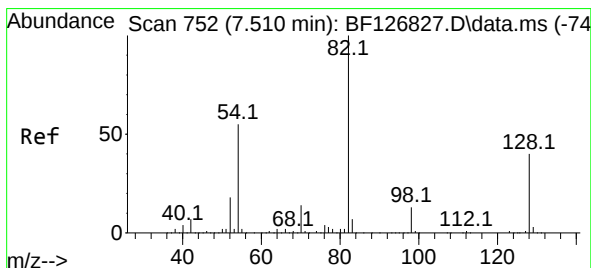
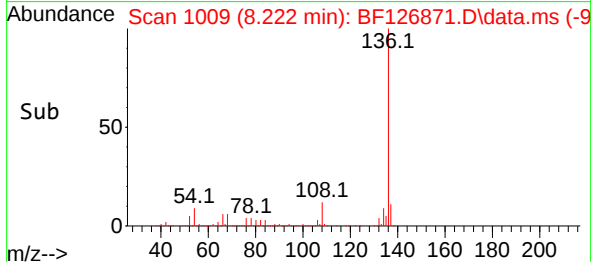
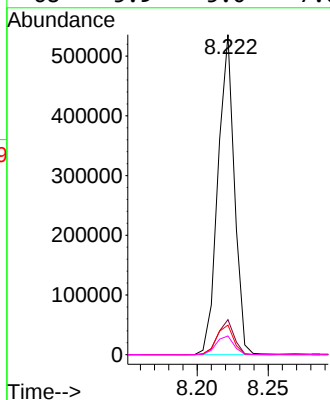
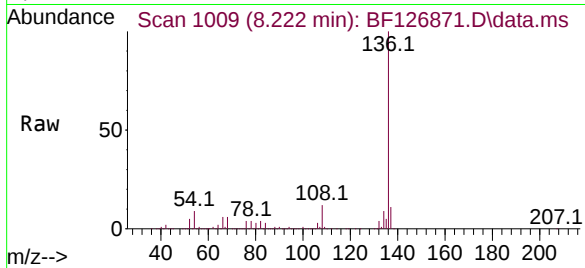




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

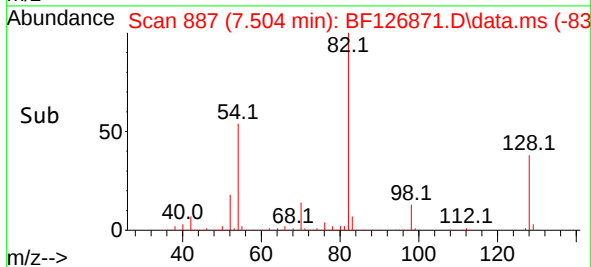
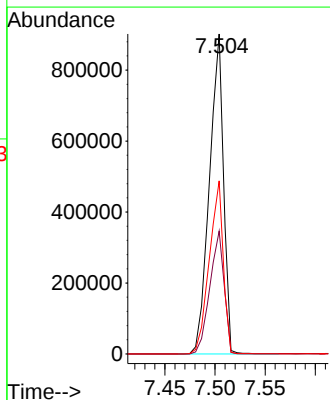
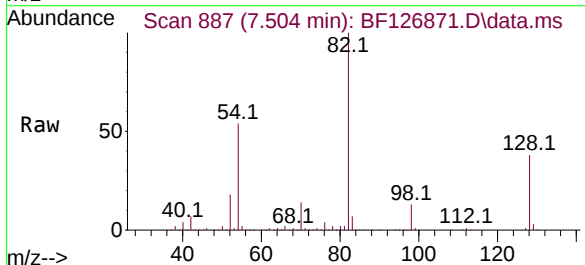
Instrument :
BNA_F
ClientSampleId :
20220072-104-21-SITE-WATER

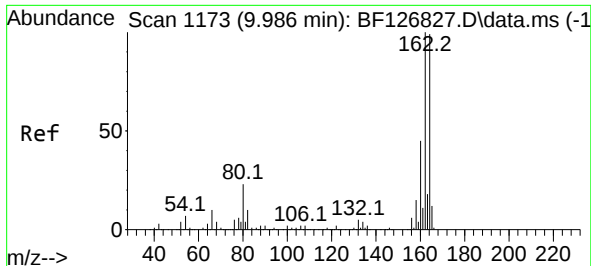
Tgt Ion:136 Resp: 430151
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 8.0 12.0
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 94.760 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

Tgt Ion: 82 Resp: 883427
Ion Ratio Lower Upper
82 100
128 38.4 31.6 47.4
54 54.1 43.7 65.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126871.D

Acq: 14 Feb 2022 15:18

Instrument :

BNA_F

ClientSampleId :

20220072-104-21-SITE-WATER

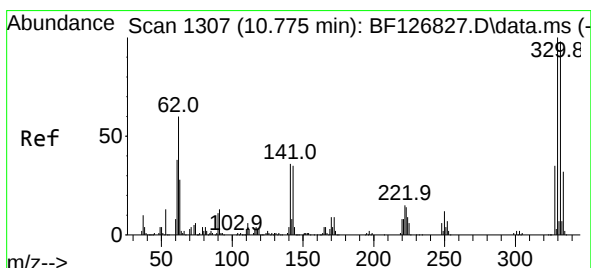
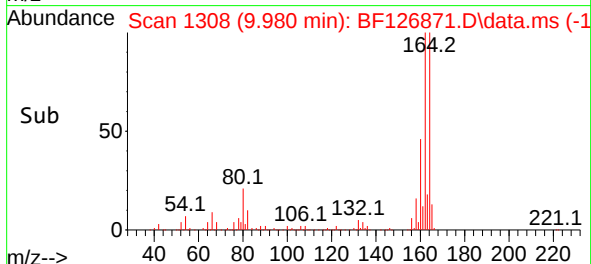
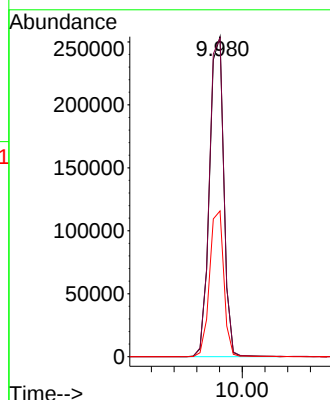
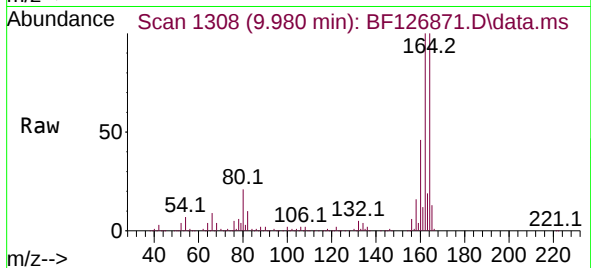
Tgt Ion:164 Resp: 221275

Ion Ratio Lower Upper

164 100

162 99.5 80.9 121.3

160 45.6 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 153.675 ng

RT: 10.775 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF126871.D

Acq: 14 Feb 2022 15:18

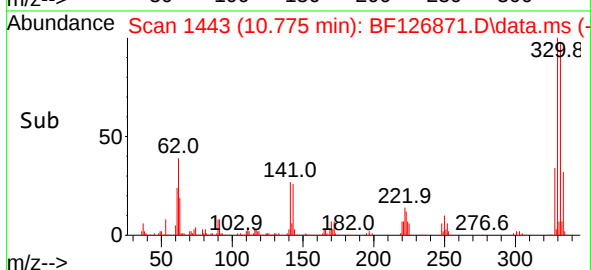
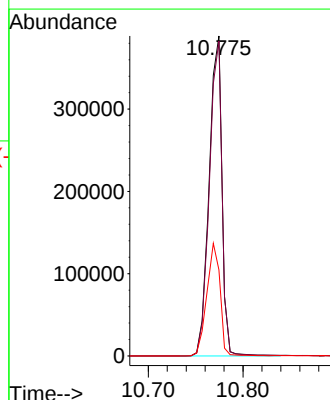
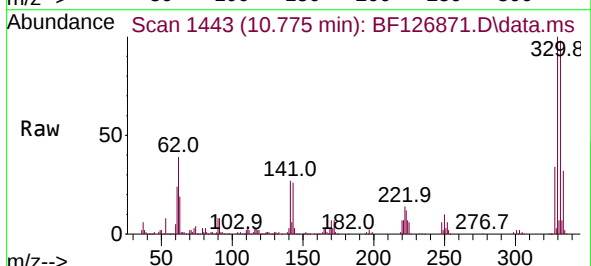
Tgt Ion:330 Resp: 364552

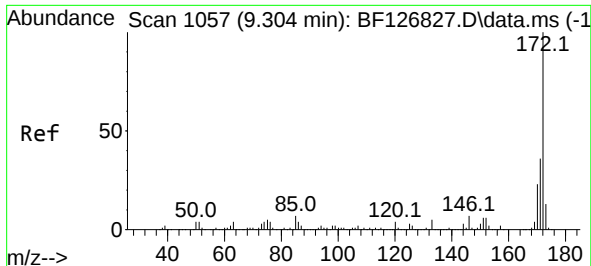
Ion Ratio Lower Upper

330 100

332 97.6 78.2 117.4

141 36.4 31.2 46.8

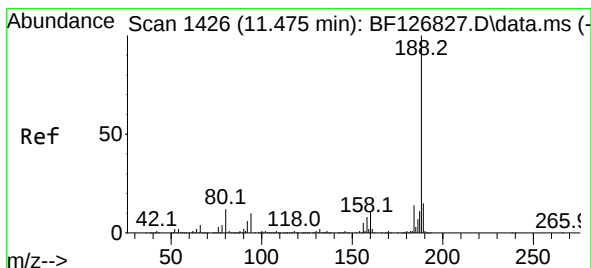
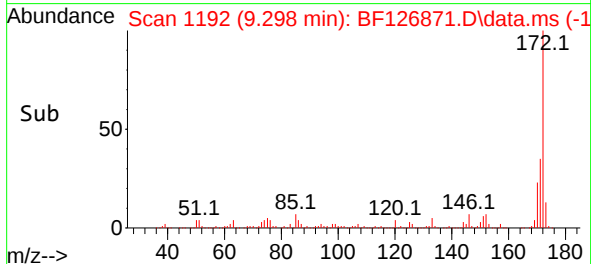
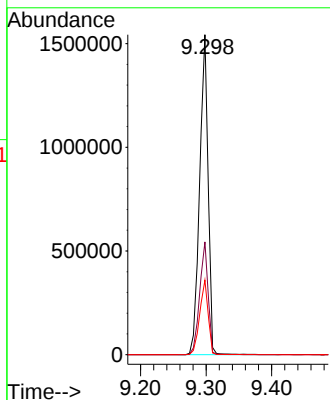
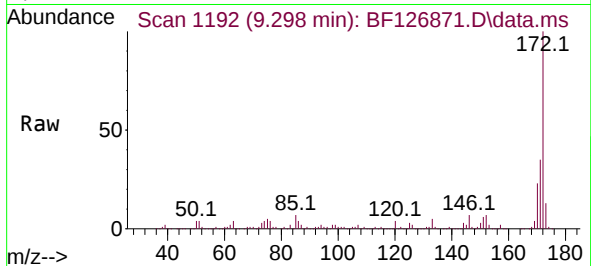




#45
2-Fluorobiphenyl
Concen: 94.762 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

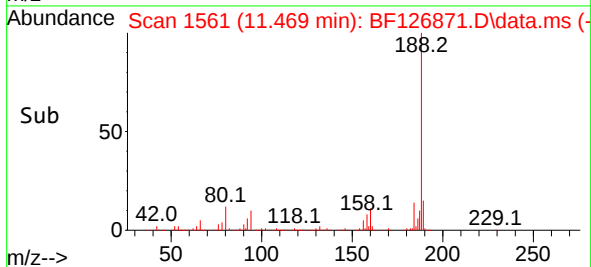
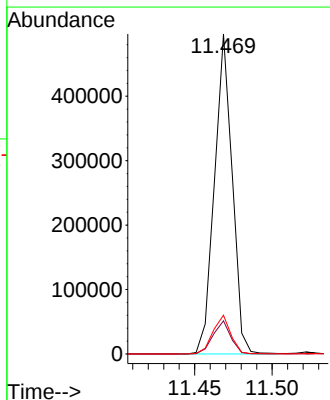
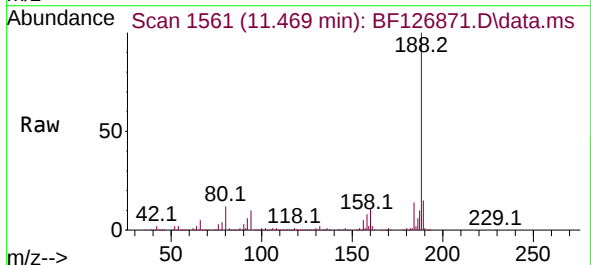
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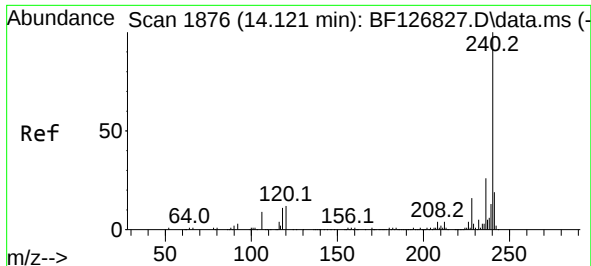
Tgt Ion:172 Resp: 1392994
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.3 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

Tgt Ion:188 Resp: 395973
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.1 9.5 14.3

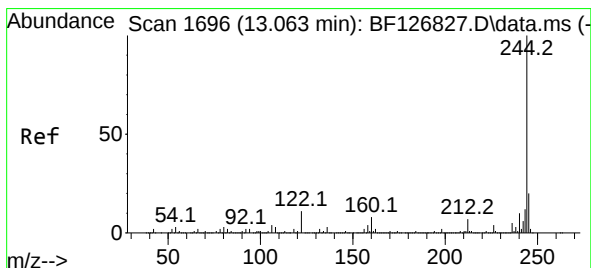
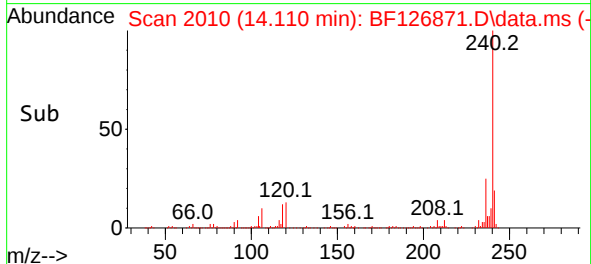
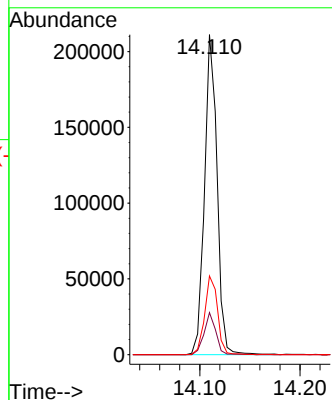
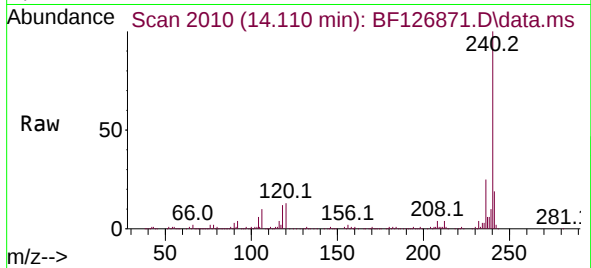




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

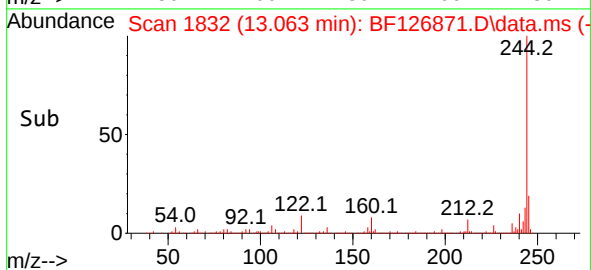
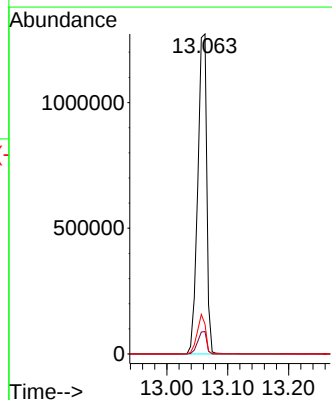
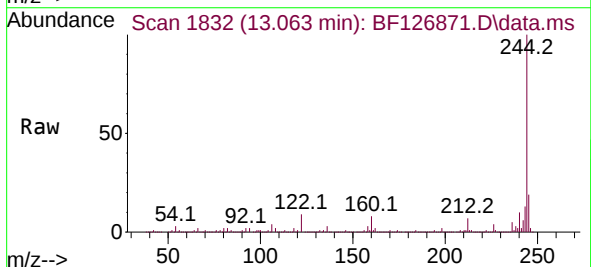
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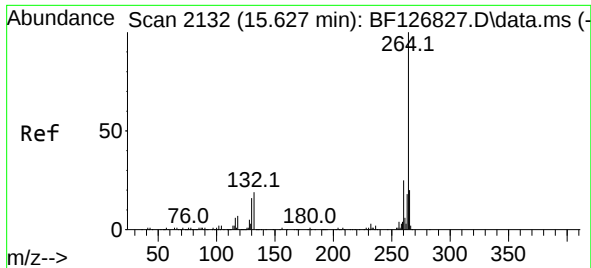
Tgt Ion:240 Resp: 184377
Ion Ratio Lower Upper
240 100
120 13.2 9.8 14.6
236 24.6 20.5 30.7



#79
Terphenyl-d14
Concen: 101.085 ng
RT: 13.063 min Scan# 1832
Delta R.T. -0.000 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

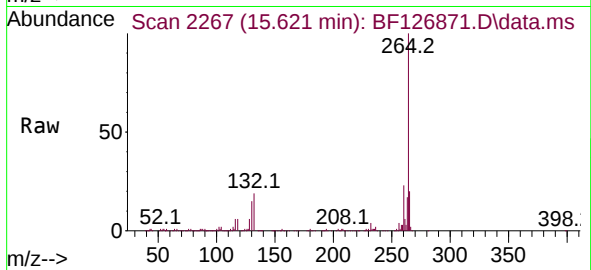
Tgt Ion:244 Resp: 1300089
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 9.3 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126871.D
Acq: 14 Feb 2022 15:18

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 188598
Ion Ratio Lower Upper
264 100
260 22.7 19.6 29.4
265 20.4 15.9 23.9

