

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126500.D
 Acq On : 5 Jan 2022 17:04
 Operator : JU/CG
 Sample : N1010-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211308-CAPE-2-SITE-WATER

Quant Time: Jan 06 01:10:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	96247	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	410289	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	189774	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	301029	20.000	ng	0.00
76) Chrysene-d12	13.939	240	202311	20.000	ng	-0.01
86) Perylene-d12	15.380	264	155597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	475915	71.009	ng	0.00
7) Phenol-d6	6.410	99	433167	49.900	ng	-0.01
23) Nitrobenzene-d5	7.345	82	749973	93.856	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	228637	155.910	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1042489	96.667	ng	0.00
79) Terphenyl-d14	12.892	244	812392	78.020	ng	0.00

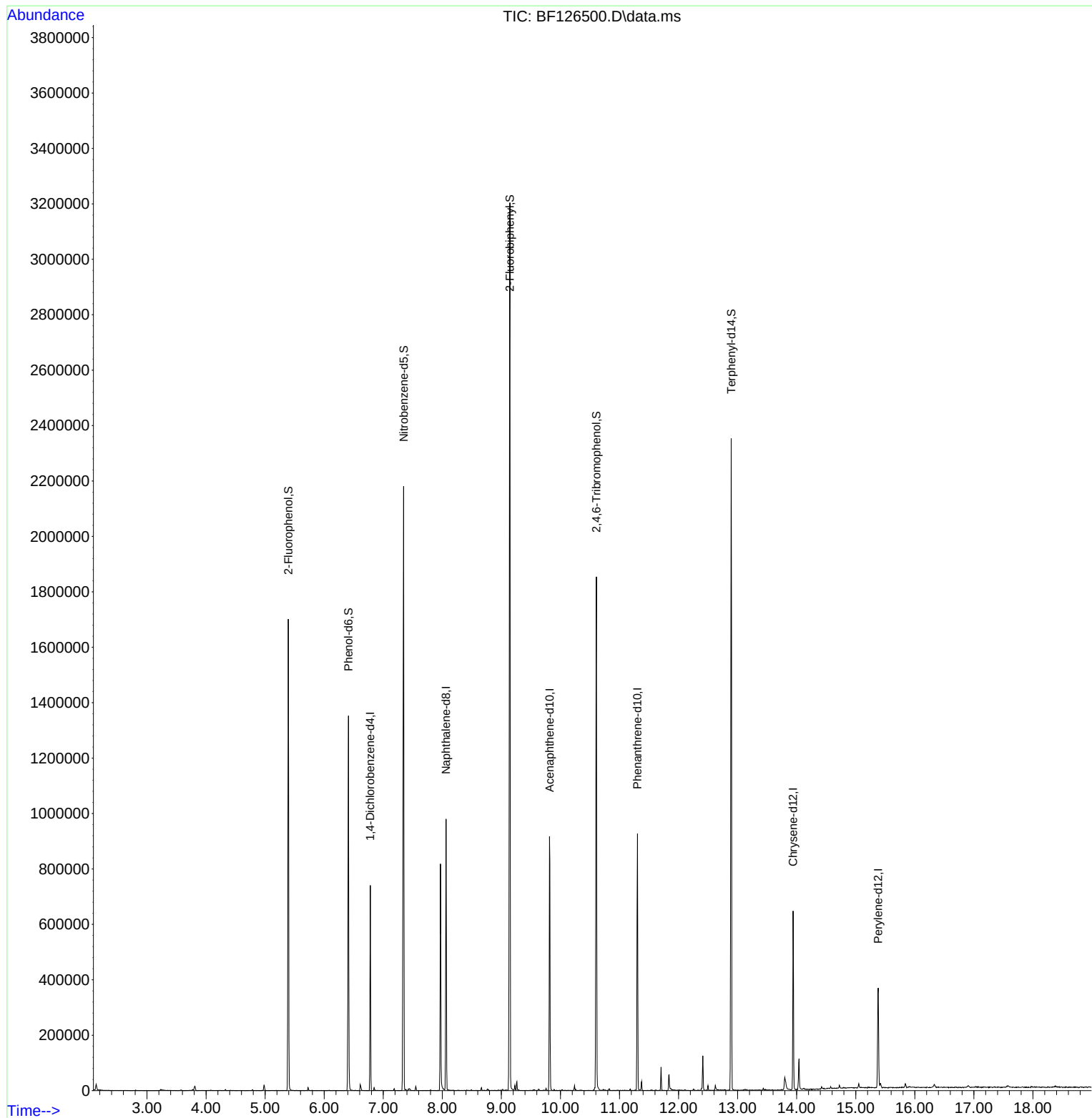
Target Compounds	Qvalue

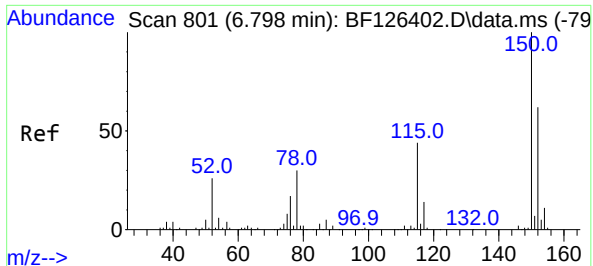
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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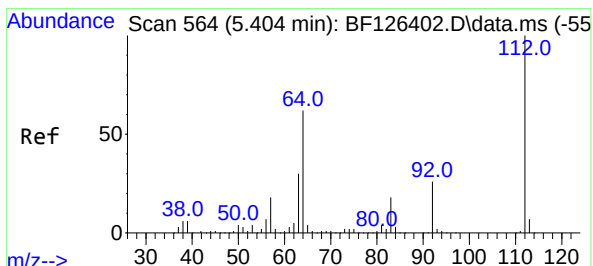
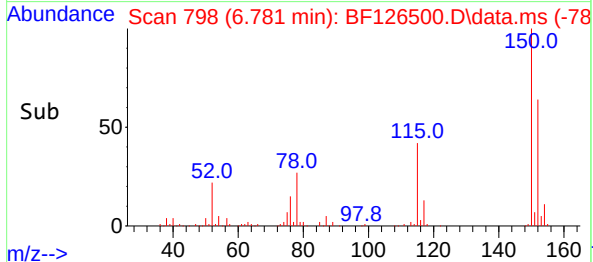
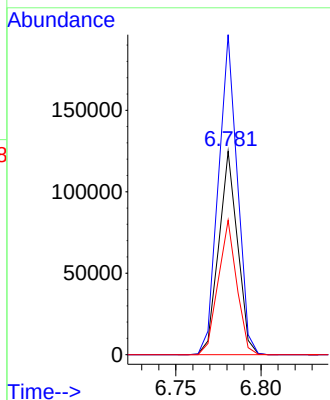
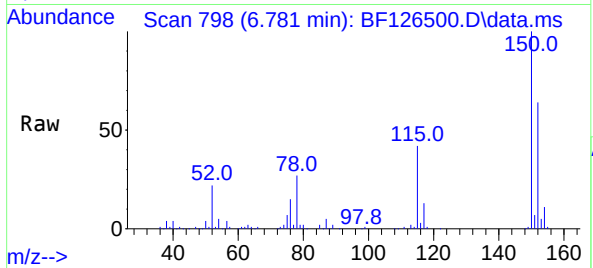




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

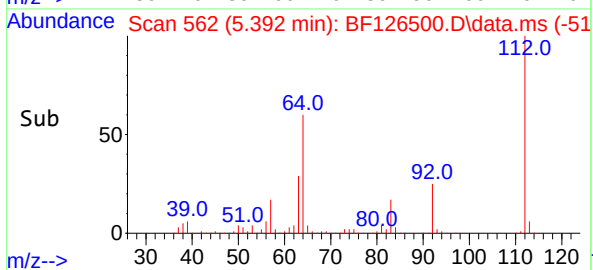
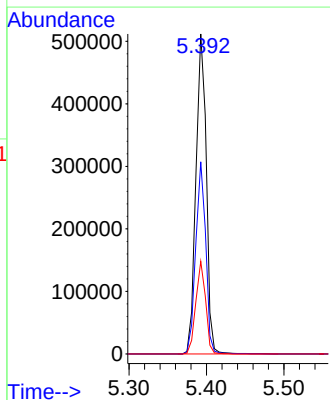
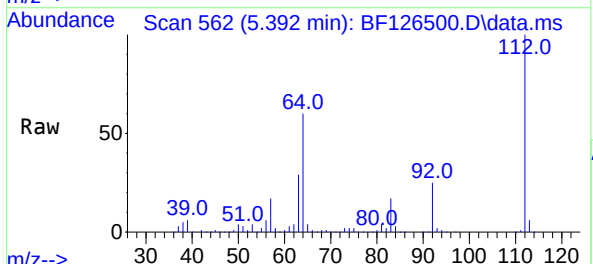
Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

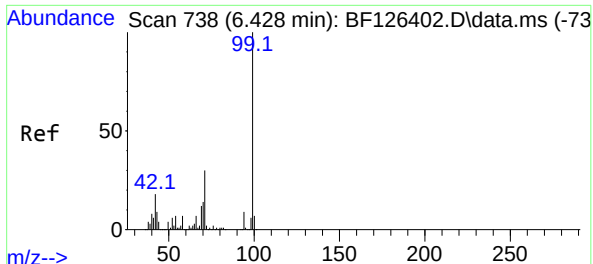
Tgt Ion:152 Resp: 96247
Ion Ratio Lower Upper
152 100
150 157.4 128.1 192.1
115 66.1 56.7 85.1



#5
2-Fluorophenol
Concen: 71.009 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion:112 Resp: 475915
Ion Ratio Lower Upper
112 100
64 60.0 49.5 74.3
63 29.0 23.9 35.9

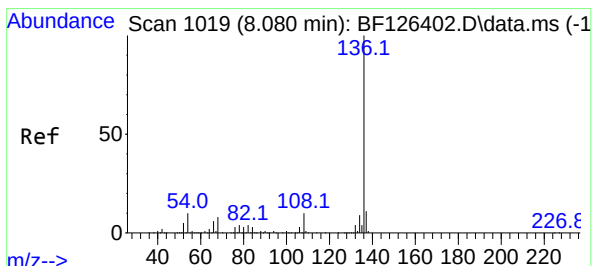
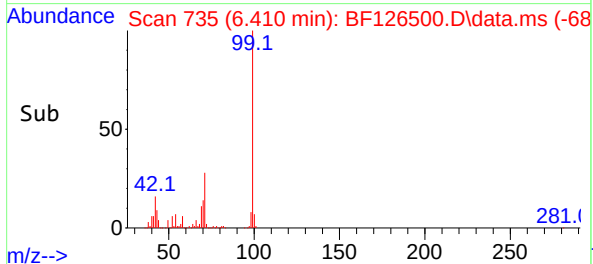
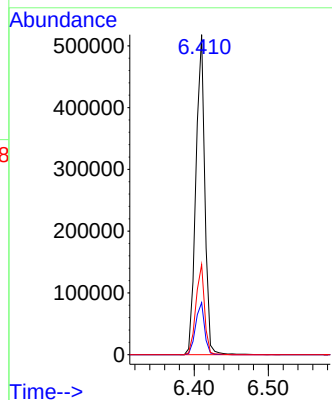
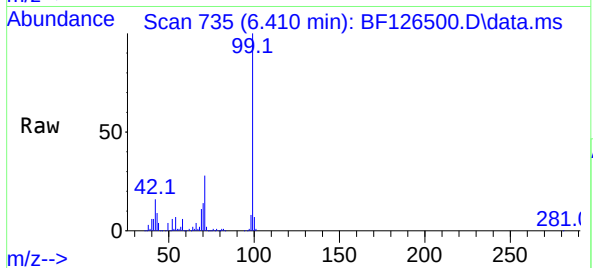




#7
Phenol-d6
Concen: 49.900 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

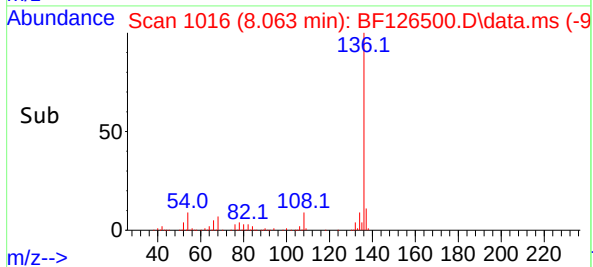
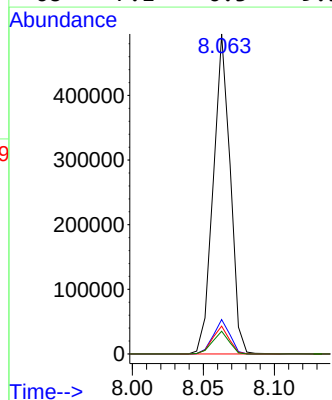
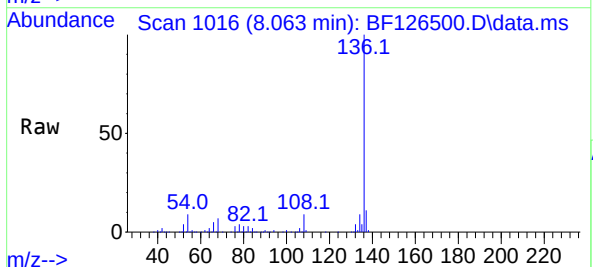
Instrument :
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ClientSampleId :
20211308-CAPE-2-SITE-WATER

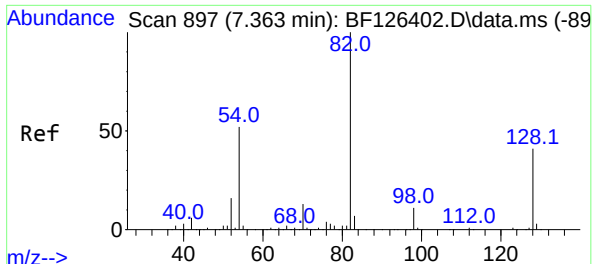
Tgt Ion: 99 Resp: 433167
Ion Ratio Lower Upper
99 100
42 16.3 14.2 21.4
71 28.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion: 136 Resp: 410289
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 7.1 6.3 9.5

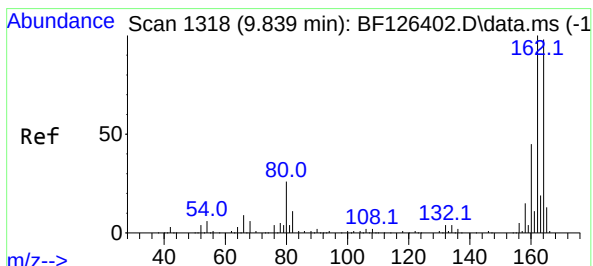
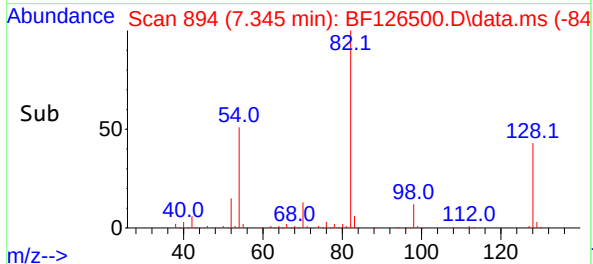
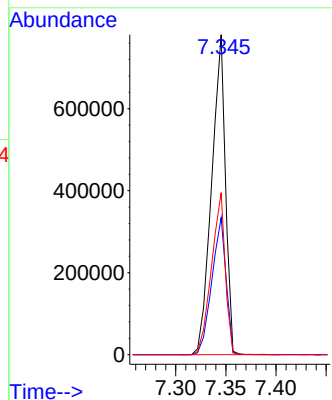
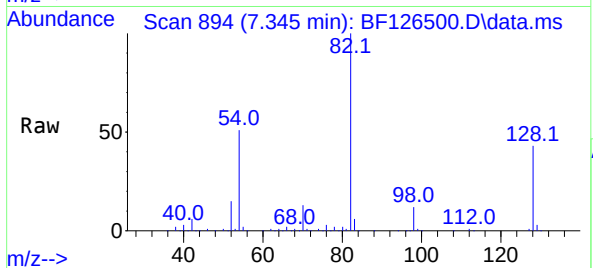




#23
Nitrobenzene-d5
Concen: 93.856 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

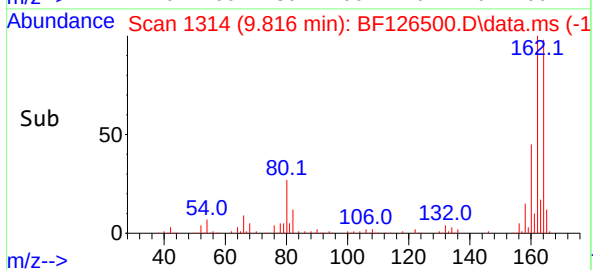
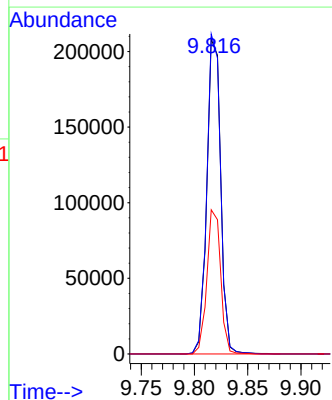
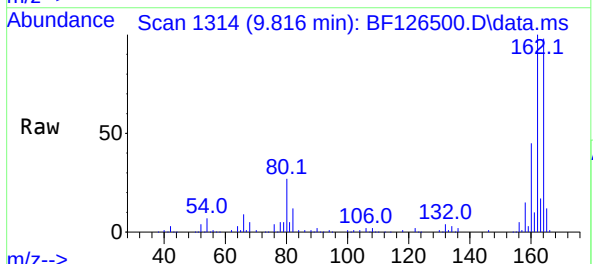
Instrument :
BNA_F
ClientSampleId :
20211308-CAPE-2-SITE-WATER

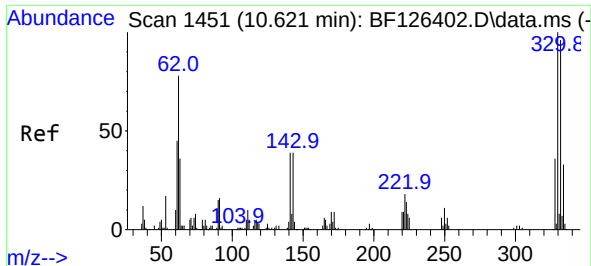
Tgt Ion: 82 Resp: 749973
Ion Ratio Lower Upper
82 100
128 42.8 32.7 49.1
54 50.6 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion:164 Resp: 189774
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.0
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 155.910 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126500.D

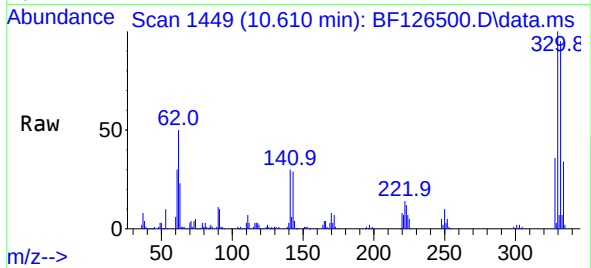
Acq: 5 Jan 2022 17:04

Instrument :

BNA_F

ClientSampleId :

20211308-CAPE-2-SITE-WATER



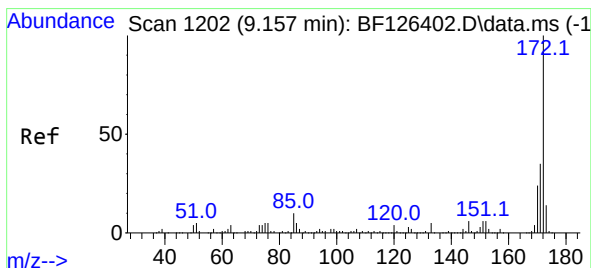
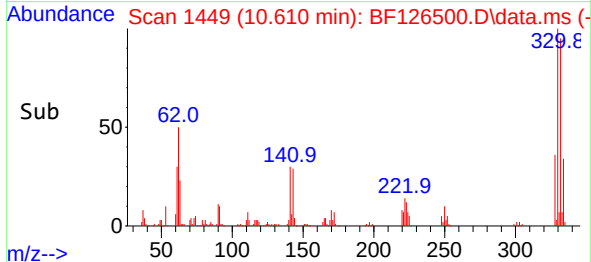
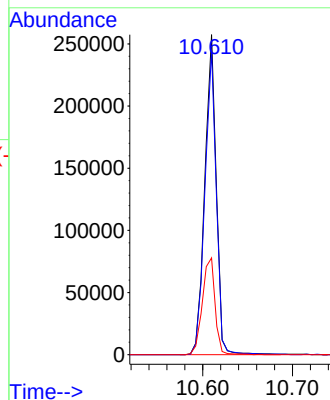
Tgt Ion:330 Resp: 228637

Ion Ratio Lower Upper

330 100

332 94.6 76.0 114.0

141 33.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 96.667 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126500.D

Acq: 5 Jan 2022 17:04

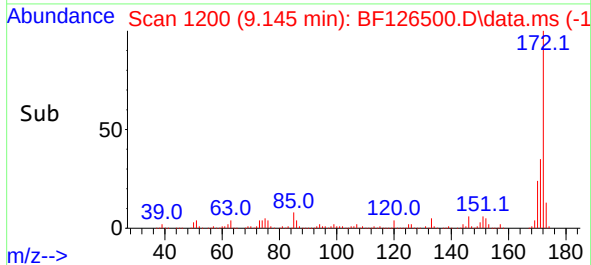
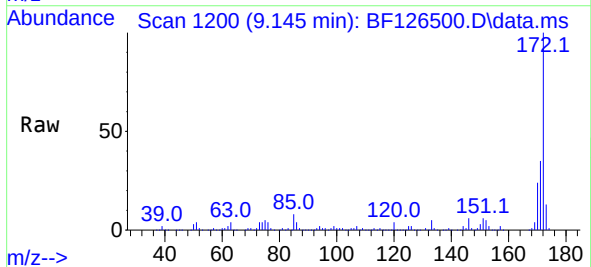
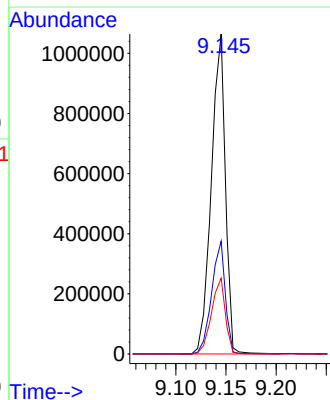
Tgt Ion:172 Resp: 1042489

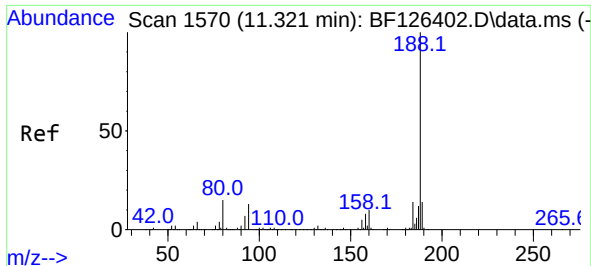
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.0 28.6

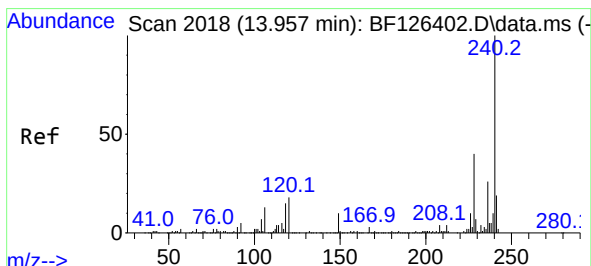
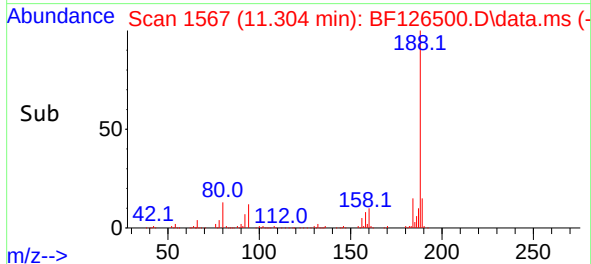
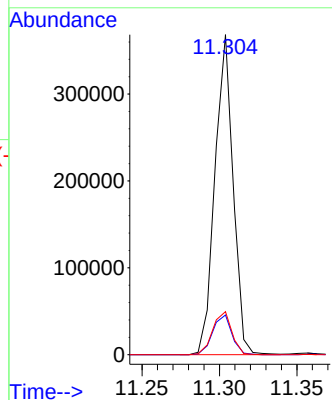
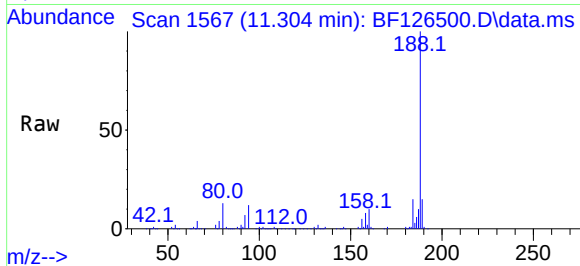




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

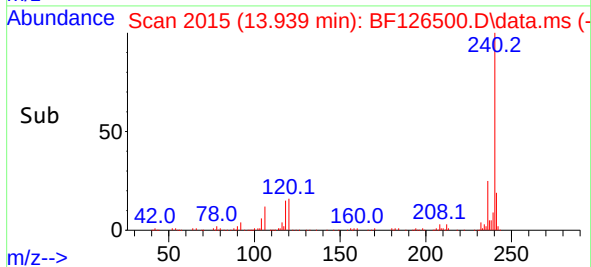
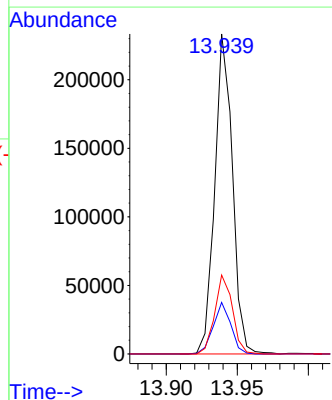
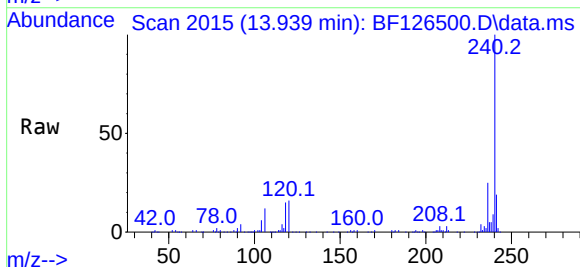
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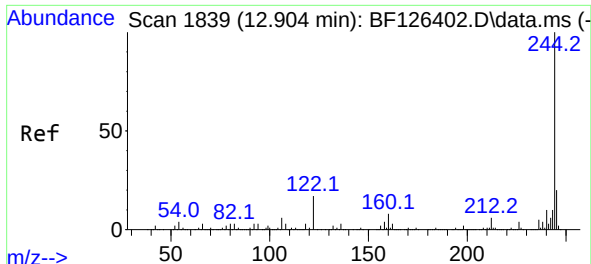
Tgt Ion:188 Resp: 301029
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.4 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126500.D
Acq: 5 Jan 2022 17:04

Tgt Ion:240 Resp: 202311
Ion Ratio Lower Upper
240 100
120 16.1 14.4 21.6
236 24.6 20.5 30.7

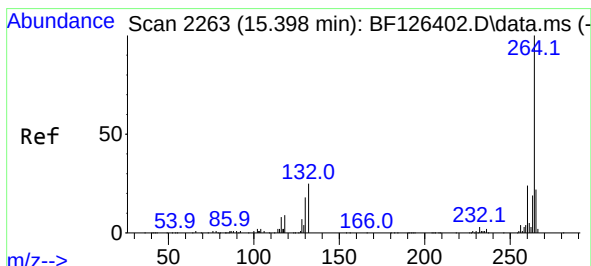
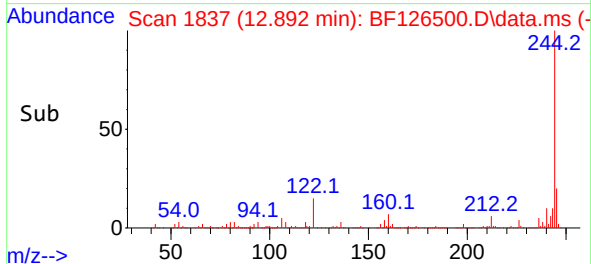
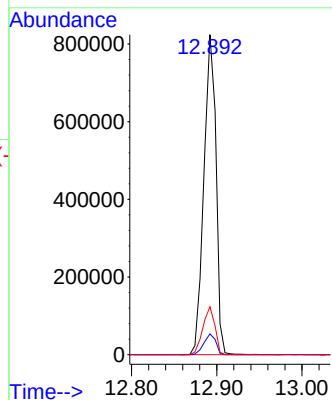
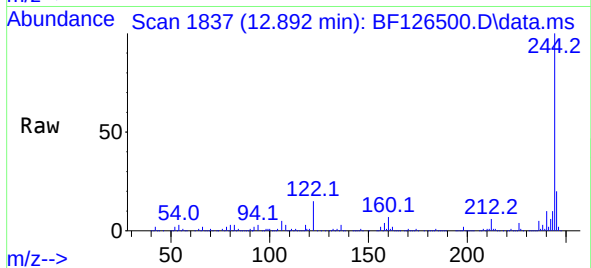




#79
 Terphenyl-d14
 Concen: 78.020 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126500.D
 Acq: 5 Jan 2022 17:04

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Tgt Ion:244 Resp: 812392
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 15.0 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126500.D
 Acq: 5 Jan 2022 17:04

Tgt Ion:264 Resp: 155597
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 21.3 17.4 26.2

