

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126501.D
 Acq On : 5 Jan 2022 17:36
 Operator : JU/CG
 Sample : N1010-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20211309-CAPE-3-SITE-WATER

Quant Time: Jan 06 01:10:22 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	97523	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	414532	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	193166	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	303241	20.000	ng	0.00
76) Chrysene-d12	13.939	240	189852	20.000	ng	-0.01
86) Perylene-d12	15.380	264	145586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	484875	71.400	ng	0.00
7) Phenol-d6	6.410	99	420246	47.778	ng	-0.01
23) Nitrobenzene-d5	7.345	82	750926	93.014	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	234091	156.826	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1048485	95.516	ng	0.00
79) Terphenyl-d14	12.892	244	769821	78.783	ng	0.00

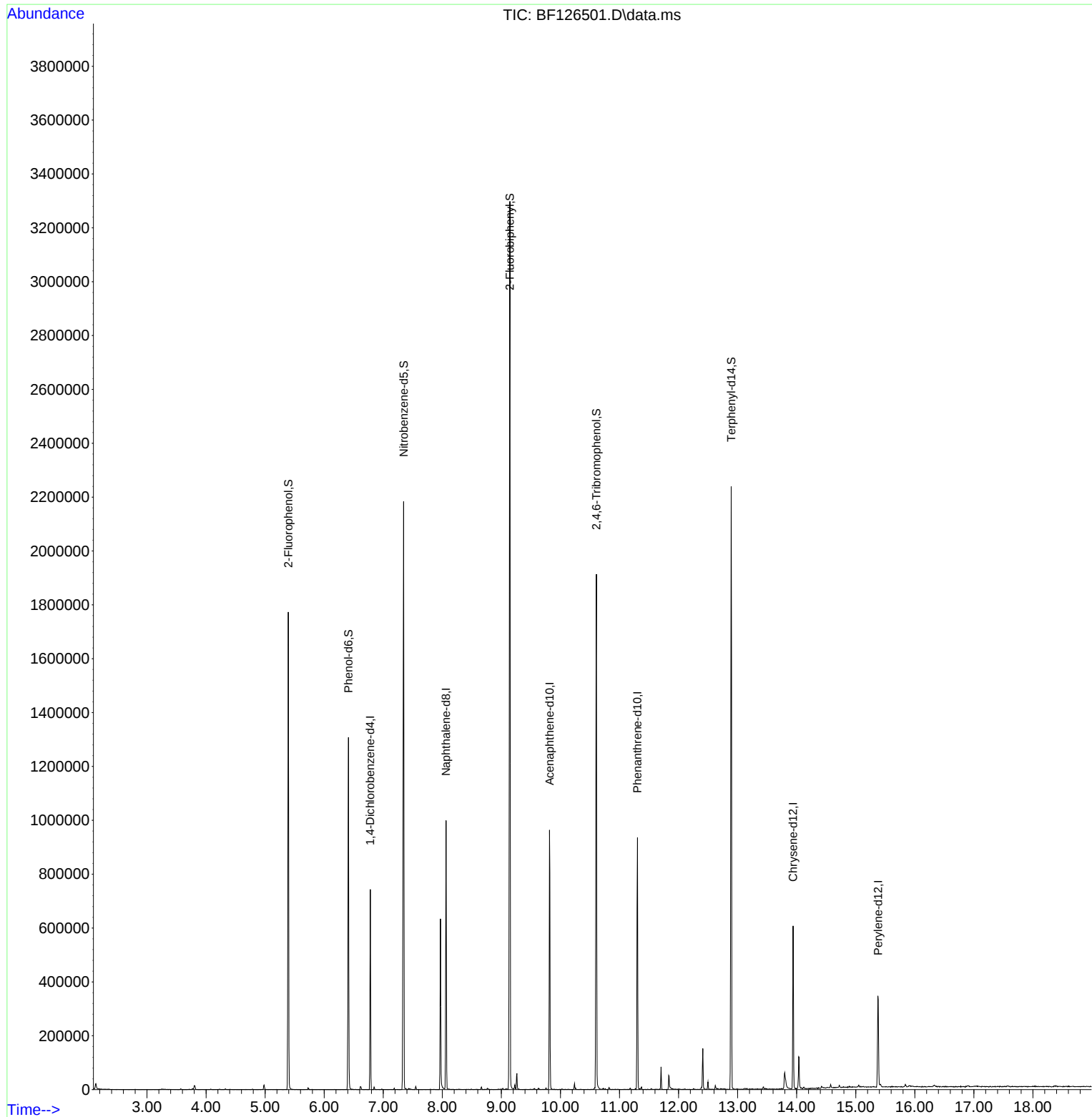
Target Compounds	Qvalue

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

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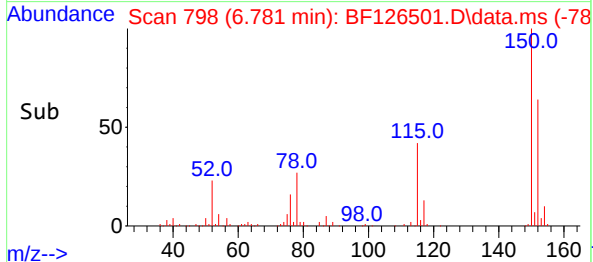
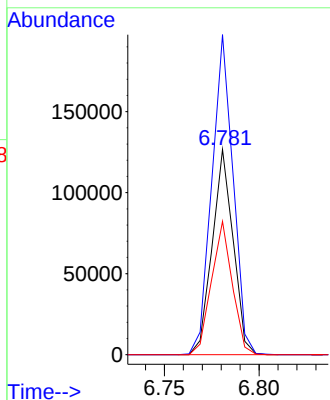
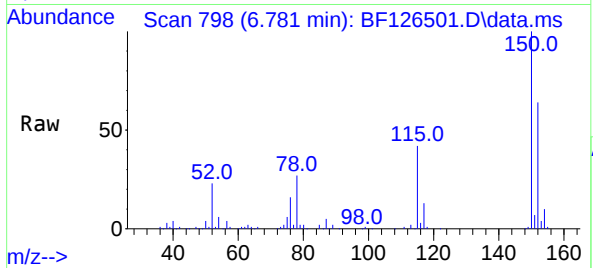




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF126501.D
Acq: 5 Jan 2022 17:36

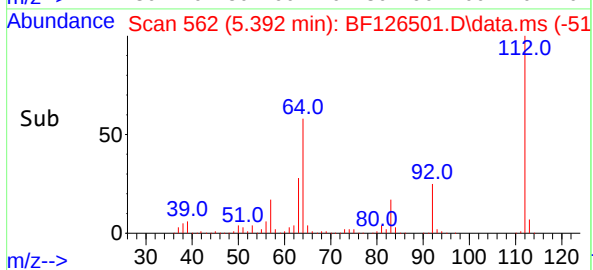
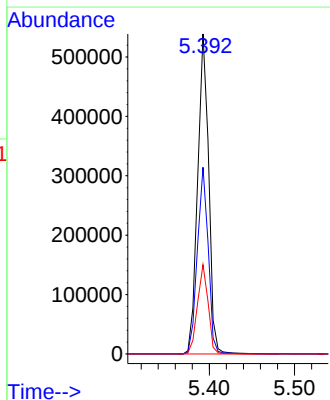
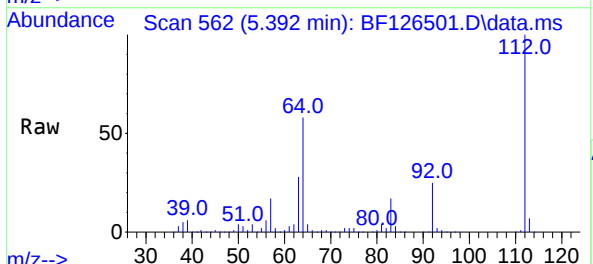
Instrument :
BNA_F
ClientSampleId :
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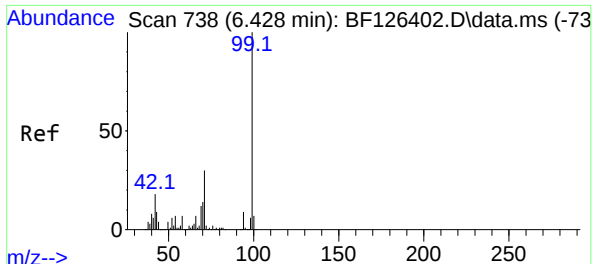
Tgt Ion:152 Resp: 97523
Ion Ratio Lower Upper
152 100
150 155.9 128.1 192.1
115 64.9 56.7 85.1



#5
2-Fluorophenol
Concen: 71.400 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.000 min
Lab File: BF126501.D
Acq: 5 Jan 2022 17:36

Tgt Ion:112 Resp: 484875
Ion Ratio Lower Upper
112 100
64 58.3 49.5 74.3
63 27.9 23.9 35.9

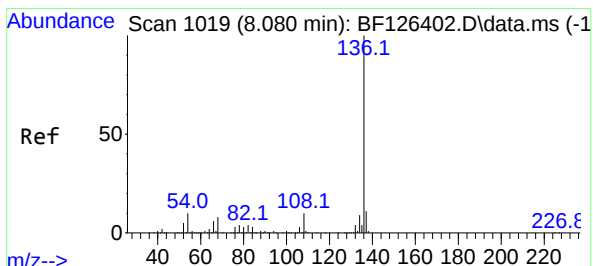
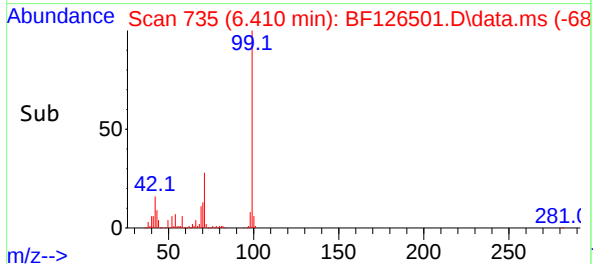
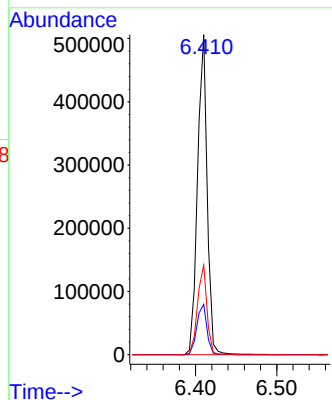
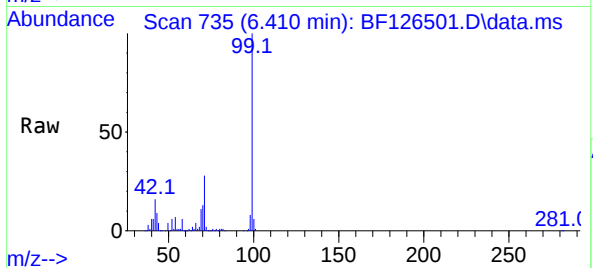




#7
Phenol-d6
Concen: 47.778 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126501.D
Acq: 5 Jan 2022 17:36

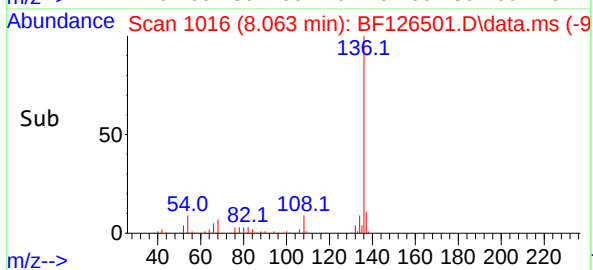
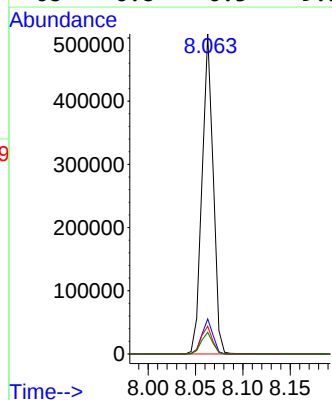
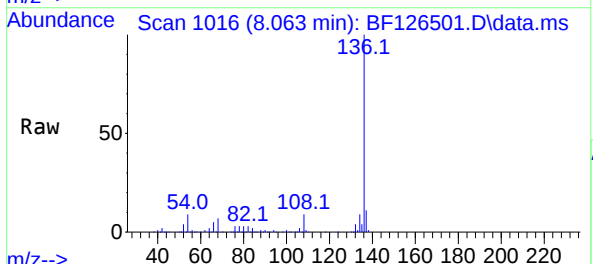
Instrument :
BNA_F
ClientSampleId :
20211309-CAPE-3-SITE-WATER

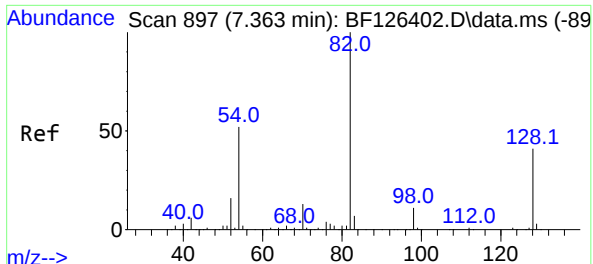
Tgt Ion: 99 Resp: 420246
Ion Ratio Lower Upper
99 100
42 15.7 14.2 21.4
71 27.9 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126501.D
Acq: 5 Jan 2022 17:36

Tgt Ion: 136 Resp: 414532
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.7 7.8 11.6
68 6.8 6.3 9.5





#23

Nitrobenzene-d5

Concen: 93.014 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF126501.D

Acq: 5 Jan 2022 17:36

Instrument :

BNA_F

ClientSampleId :

20211309-CAPE-3-SITE-WATER

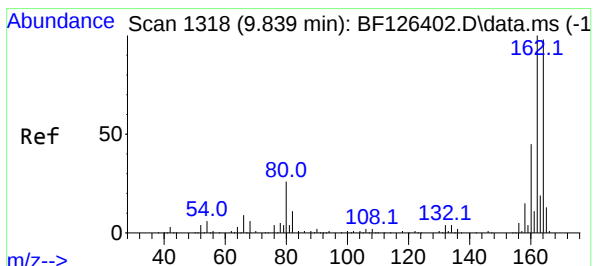
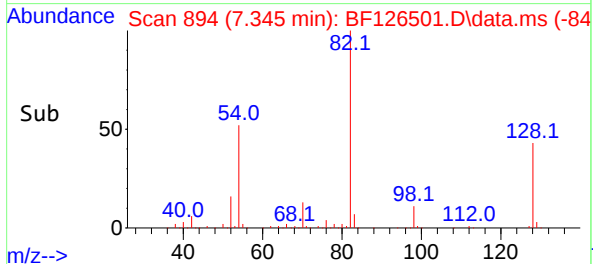
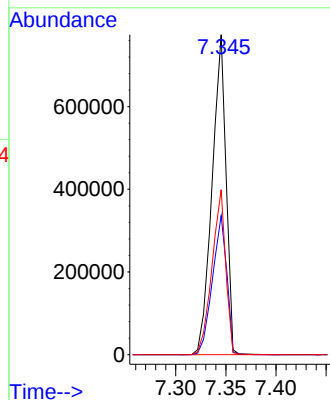
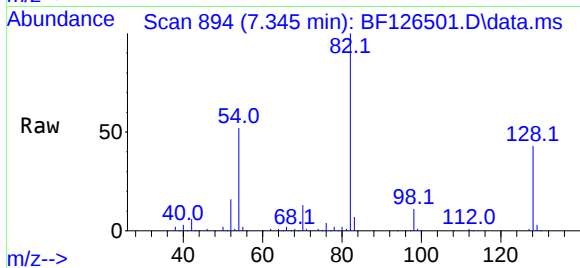
Tgt Ion: 82 Resp: 750926

Ion Ratio Lower Upper

82 100

128 43.5 32.7 49.1

54 51.5 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: BF126501.D

Acq: 5 Jan 2022 17:36

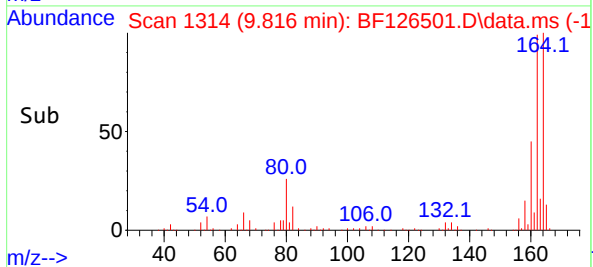
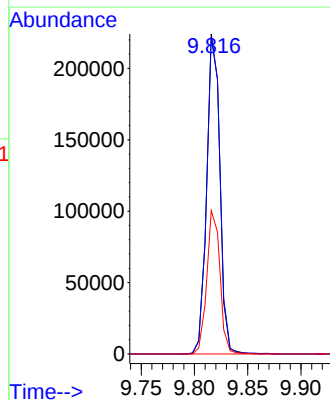
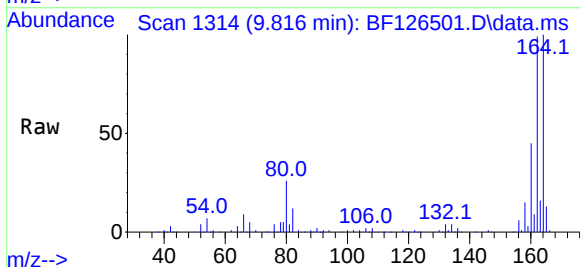
Tgt Ion: 164 Resp: 193166

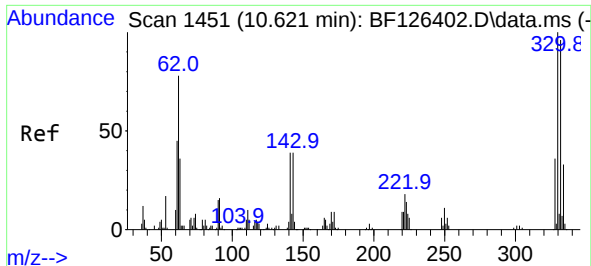
Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.0

160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 156.826 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF126501.D

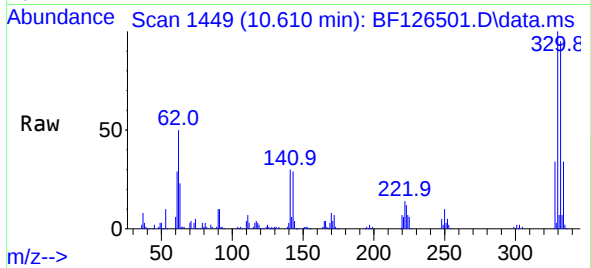
Acq: 5 Jan 2022 17:36

Instrument :

BNA_F

ClientSampleId :

20211309-CAPE-3-SITE-WATER



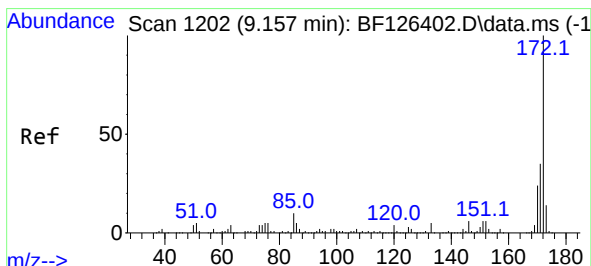
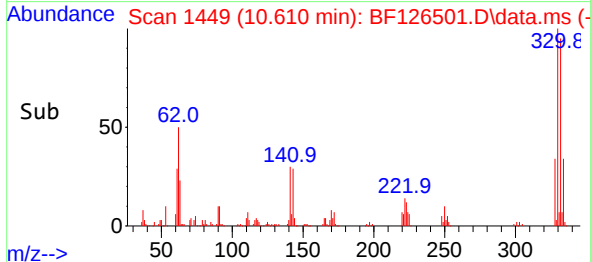
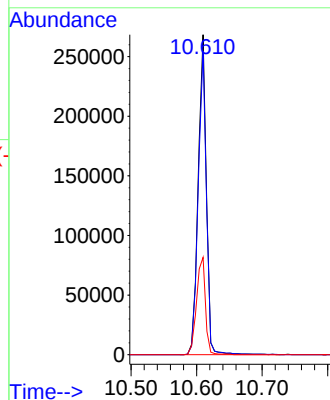
Tgt Ion:330 Resp: 234091

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 33.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 95.516 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126501.D

Acq: 5 Jan 2022 17:36

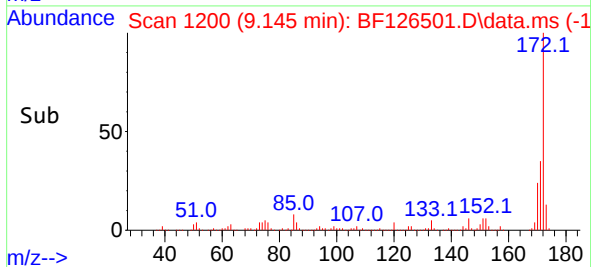
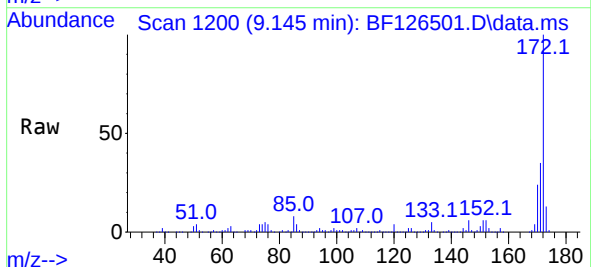
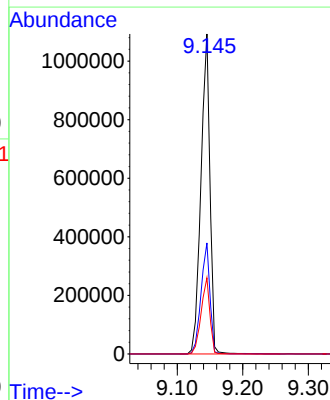
Tgt Ion:172 Resp: 1048485

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.8 19.0 28.6

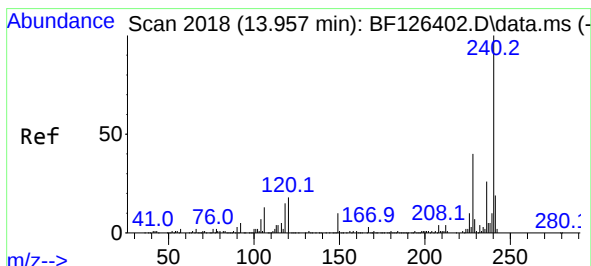
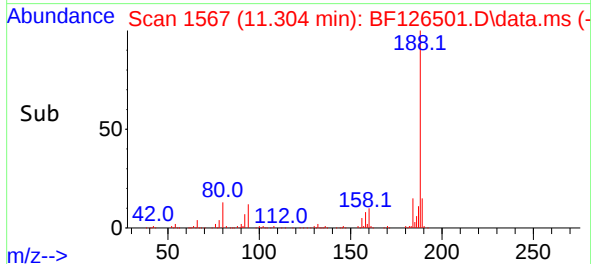
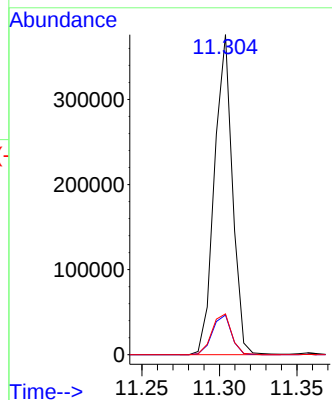
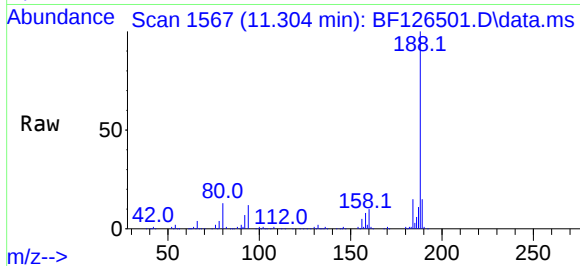




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126501.D
Acq: 5 Jan 2022 17:36

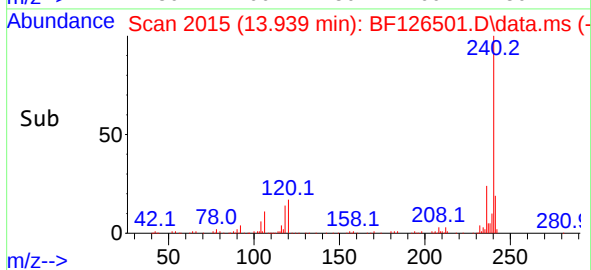
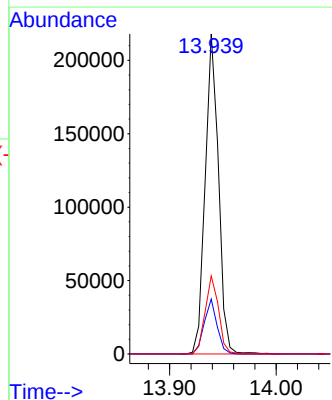
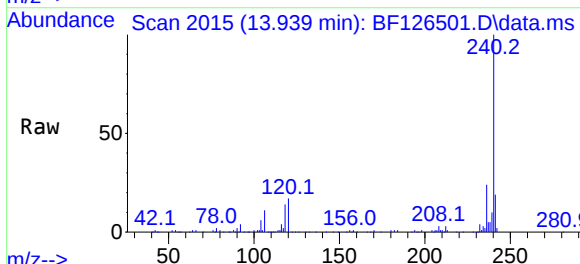
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BNA_F
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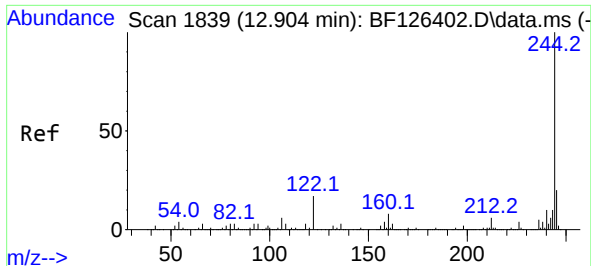
Tgt Ion:188 Resp: 303241
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 12.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF126501.D
Acq: 5 Jan 2022 17:36

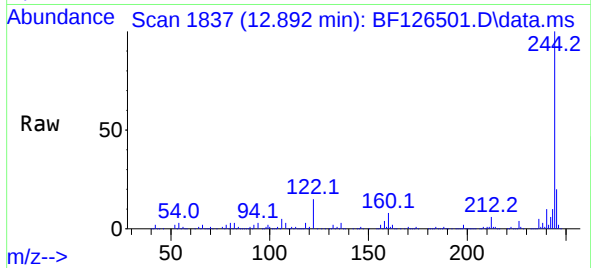
Tgt Ion:240 Resp: 189852
Ion Ratio Lower Upper
240 100
120 17.1 14.4 21.6
236 24.4 20.5 30.7



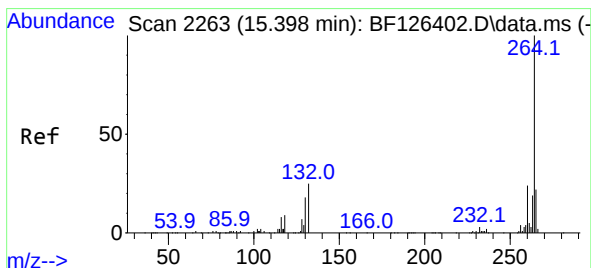
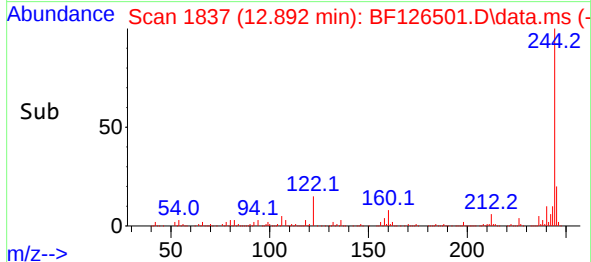
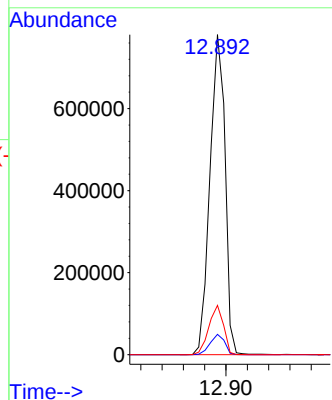


#79
 Terphenyl-d14
 Concen: 78.783 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126501.D
 Acq: 5 Jan 2022 17:36

Instrument :
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Tgt Ion:244 Resp: 769821
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 15.4 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: BF126501.D
 Acq: 5 Jan 2022 17:36

Tgt Ion:264 Resp: 145586
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.6 17.4 26.2

