

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126569.D
 Acq On : 10 Jan 2022 16:36
 Operator : JU/CG
 Sample : N1054-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220020-CAPE-2-MODIFIED-ELUTRIATE

Quant Time: Jan 10 17:18:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	83796	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	350742	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	164963	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	255369	20.000	ng	0.00
76) Chrysene-d12	13.939	240	147090	20.000	ng	# 0.00
86) Perylene-d12	15.398	264	156242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	465920	79.847	ng	0.00
7) Phenol-d6	6.404	99	489910	64.822	ng	0.00
23) Nitrobenzene-d5	7.333	82	668620	97.881	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	198483	155.704	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	920434	98.186	ng	0.00
79) Terphenyl-d14	12.886	244	614088	81.116	ng	0.00

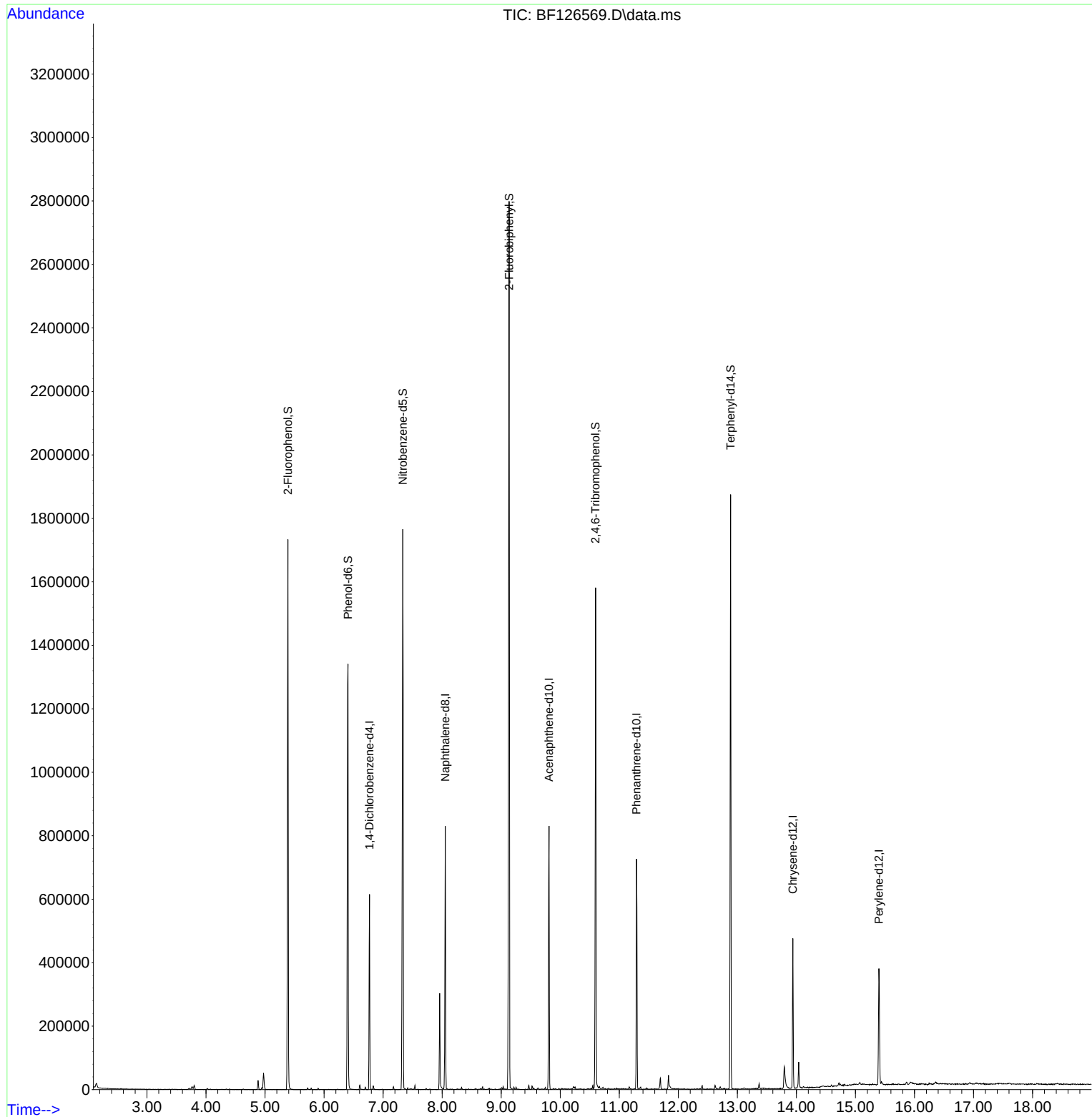
Target Compounds Qvalue

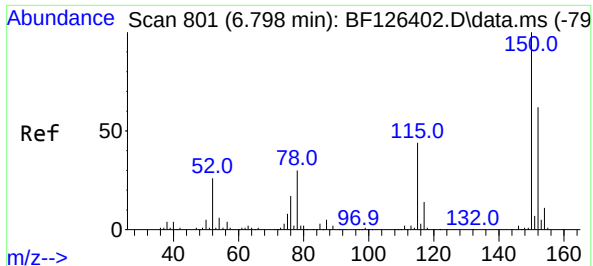
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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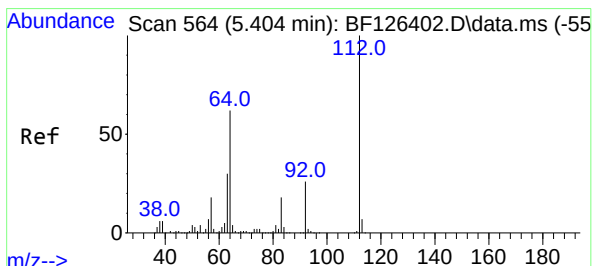
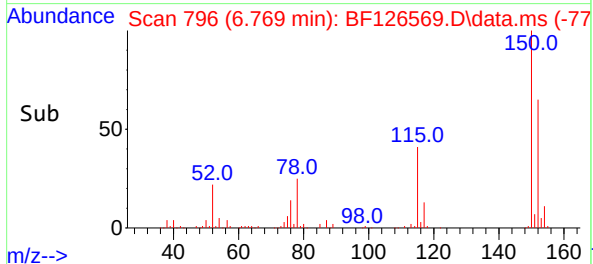
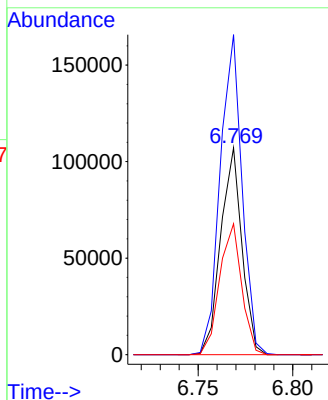
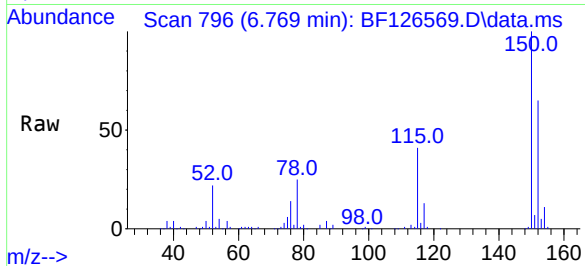




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

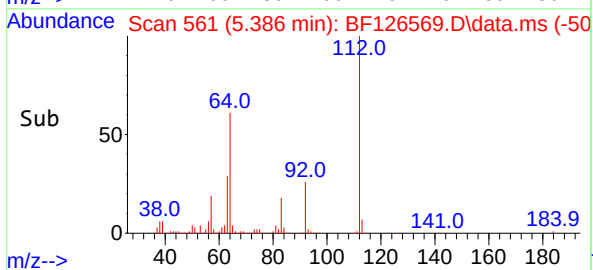
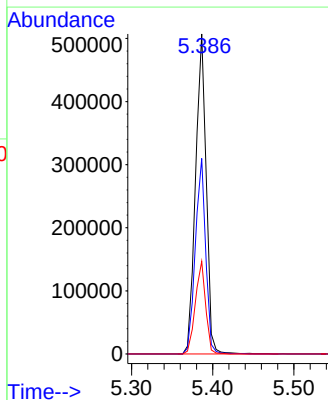
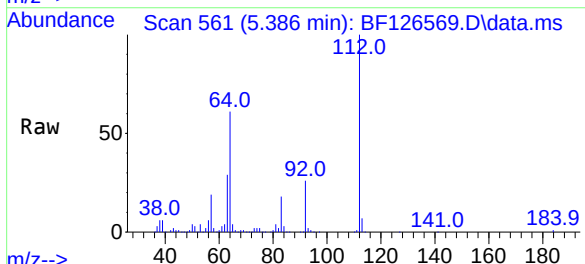
Instrument :
BNA_F
ClientSampleId :
20220020-CAPE-2-MODIFIED-ELUTRIATE

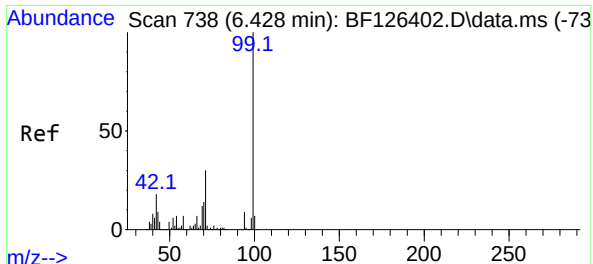
Tgt Ion:152 Resp: 83796
Ion Ratio Lower Upper
152 100
150 154.6 128.1 192.1
115 63.2 56.7 85.1



#5
2-Fluorophenol
Concen: 79.847 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion:112 Resp: 465920
Ion Ratio Lower Upper
112 100
64 61.1 49.5 74.3
63 29.0 23.9 35.9

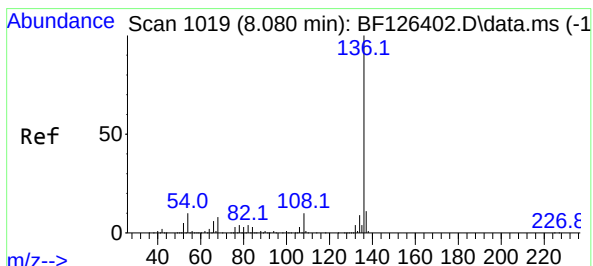
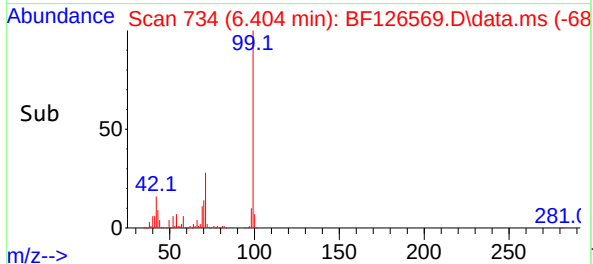
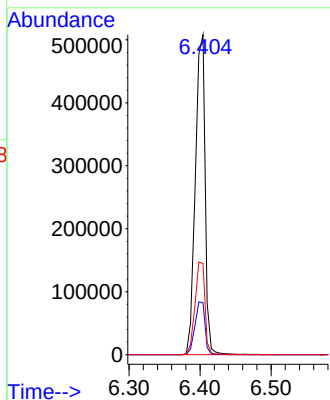
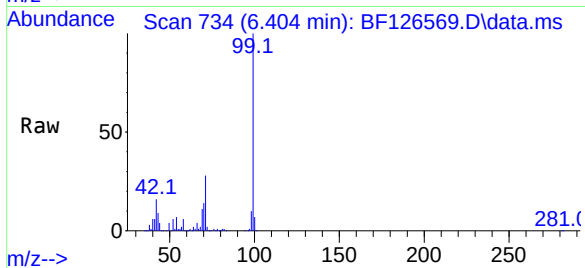




#7
Phenol-d6
Concen: 64.822 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

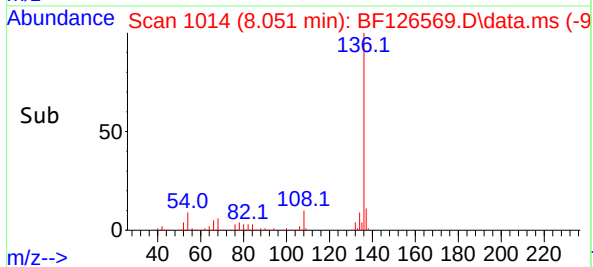
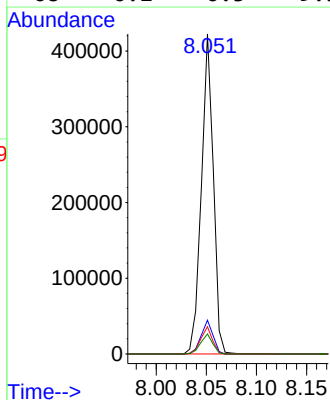
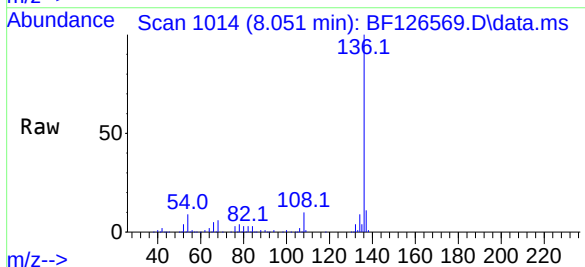
Instrument :
BNA_F
ClientSampleId :
20220020-CAPE-2-MODIFIED-ELUTRIATE

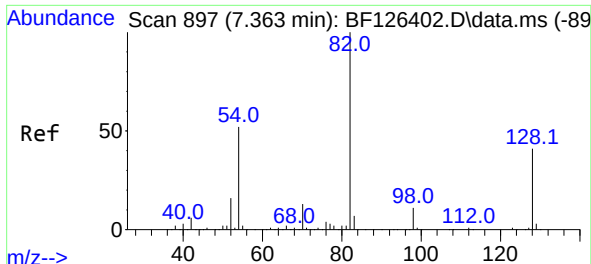
Tgt Ion: 99 Resp: 489910
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 28.5 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion: 136 Resp: 350742
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.5 7.8 11.6
68 6.2 6.3 9.5#

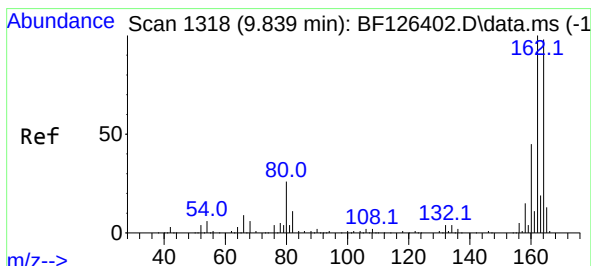
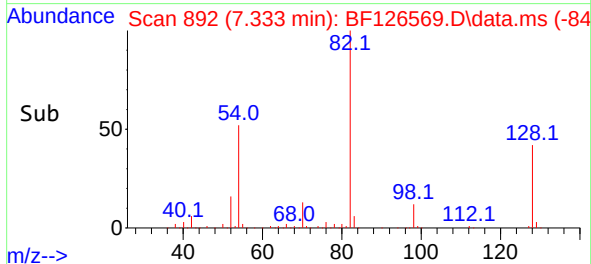
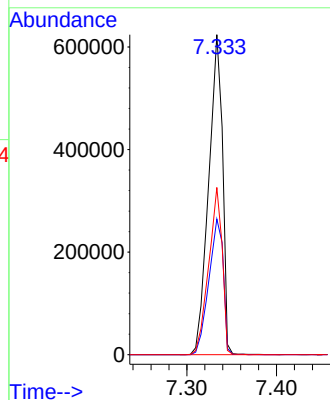
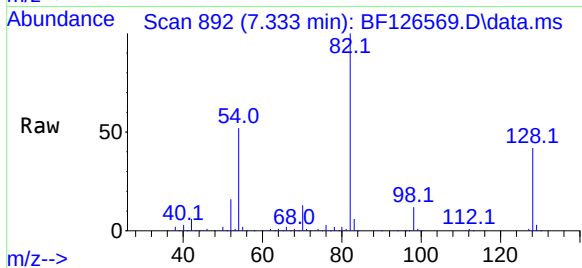




#23
Nitrobenzene-d5
Concen: 97.881 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

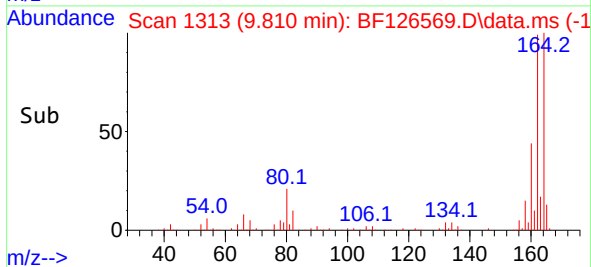
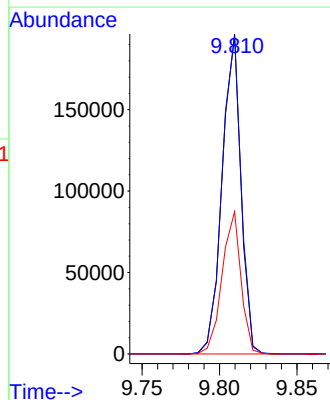
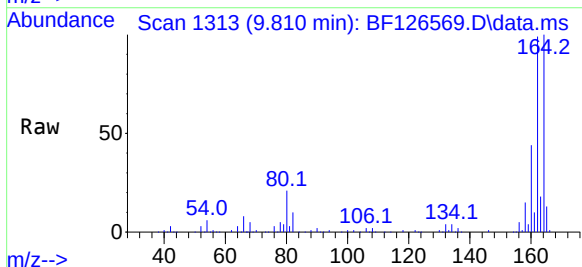
Instrument :
BNA_F
ClientSampleId :
20220020-CAPE-2-MODIFIED-ELUTRIATE

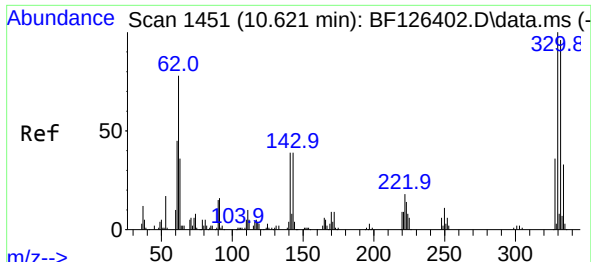
Tgt Ion: 82 Resp: 668620
Ion Ratio Lower Upper
82 100
128 42.4 32.7 49.1
54 52.2 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion:164 Resp: 164963
Ion Ratio Lower Upper
164 100
162 99.3 81.4 122.0
160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 155.704 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF126569.D

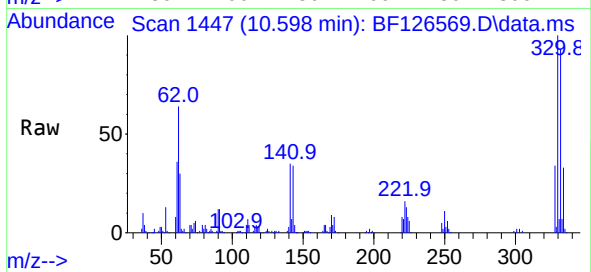
Acq: 10 Jan 2022 16:36

Instrument :

BNA_F

ClientSampleId :

20220020-CAPE-2-MODIFIED-ELUTRIATE



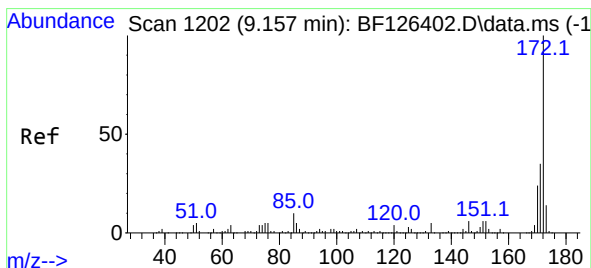
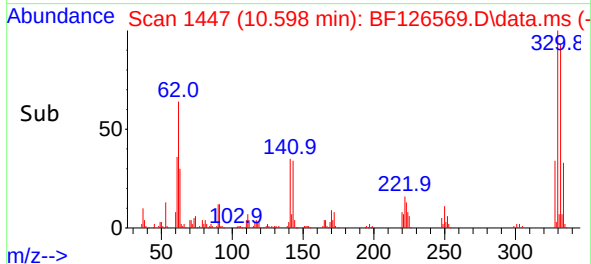
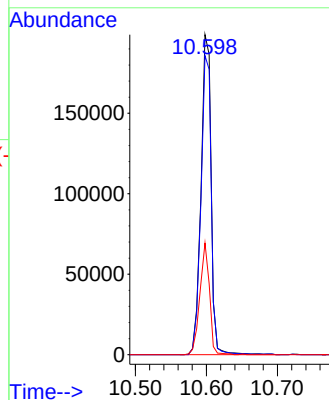
Tgt Ion:330 Resp: 198483

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 32.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 98.186 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126569.D

Acq: 10 Jan 2022 16:36

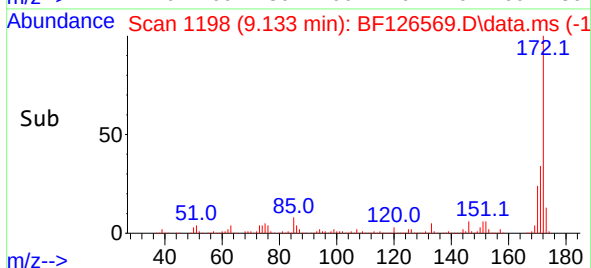
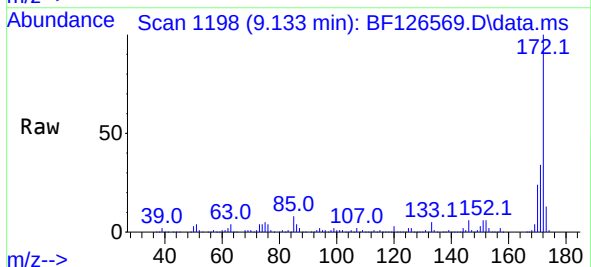
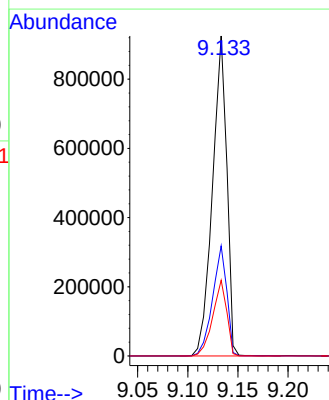
Tgt Ion:172 Resp: 920434

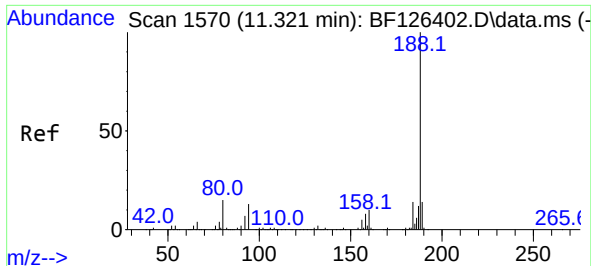
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.6 19.0 28.6



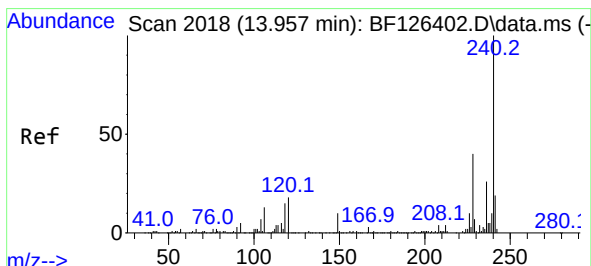
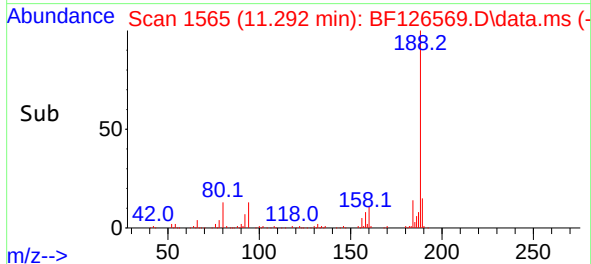
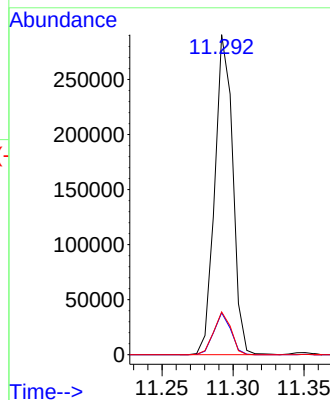
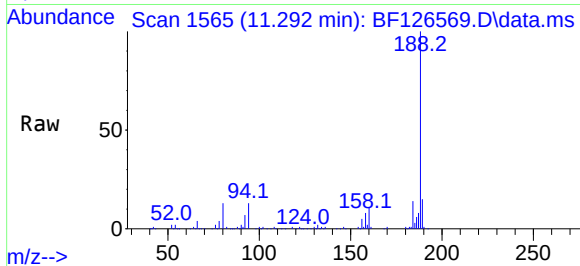


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Instrument :
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20220020-CAPE-2-MODIFIED-ELUTRIATE

Tgt Ion:188 Resp: 255369

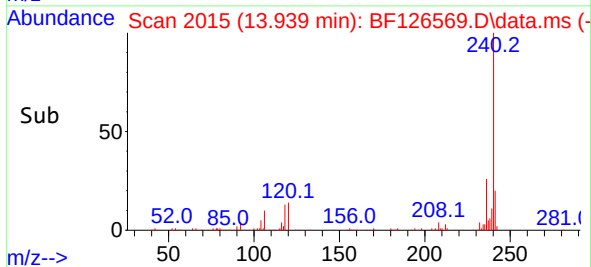
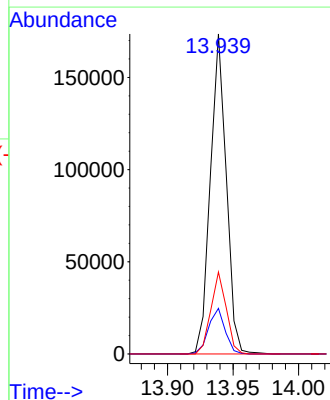
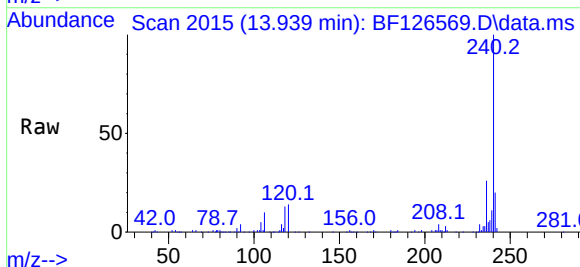
Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.1	15.1
80	13.3	11.8	17.6

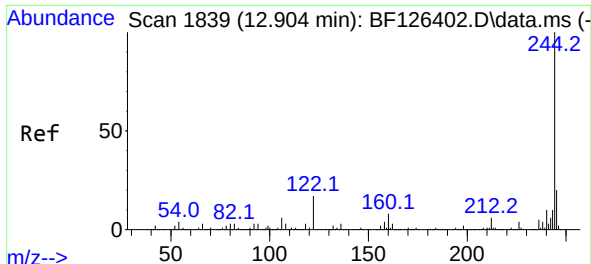


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion:240 Resp: 147090

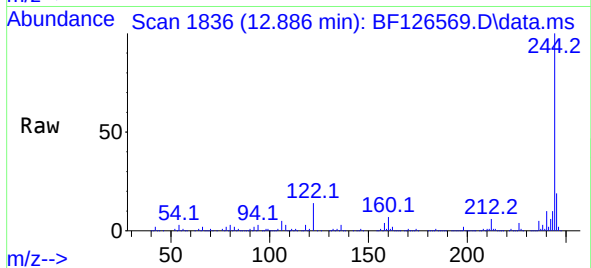
Ion	Ratio	Lower	Upper
240	100		
120	14.3	14.4	21.6#
236	25.6	20.5	30.7



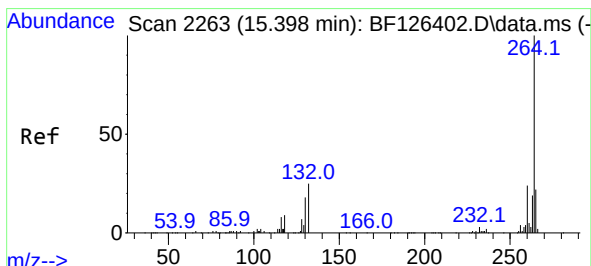
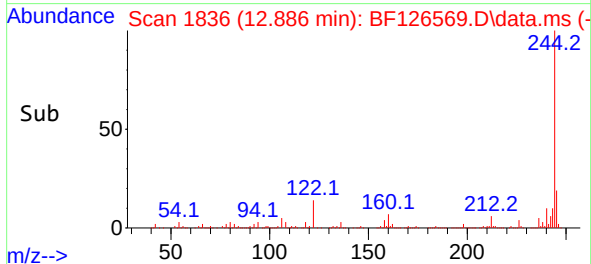
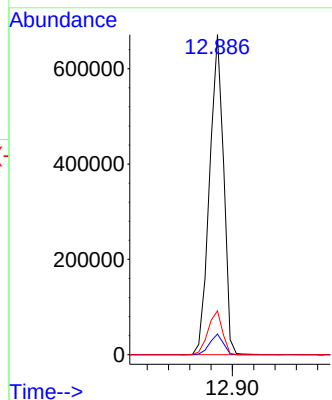


#79
Terphenyl-d14
Concen: 81.116 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126569.D
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Tgt Ion:244 Resp: 614088
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.7 13.3 19.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion:264 Resp: 156242
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 20.0 17.4 26.2

