

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)

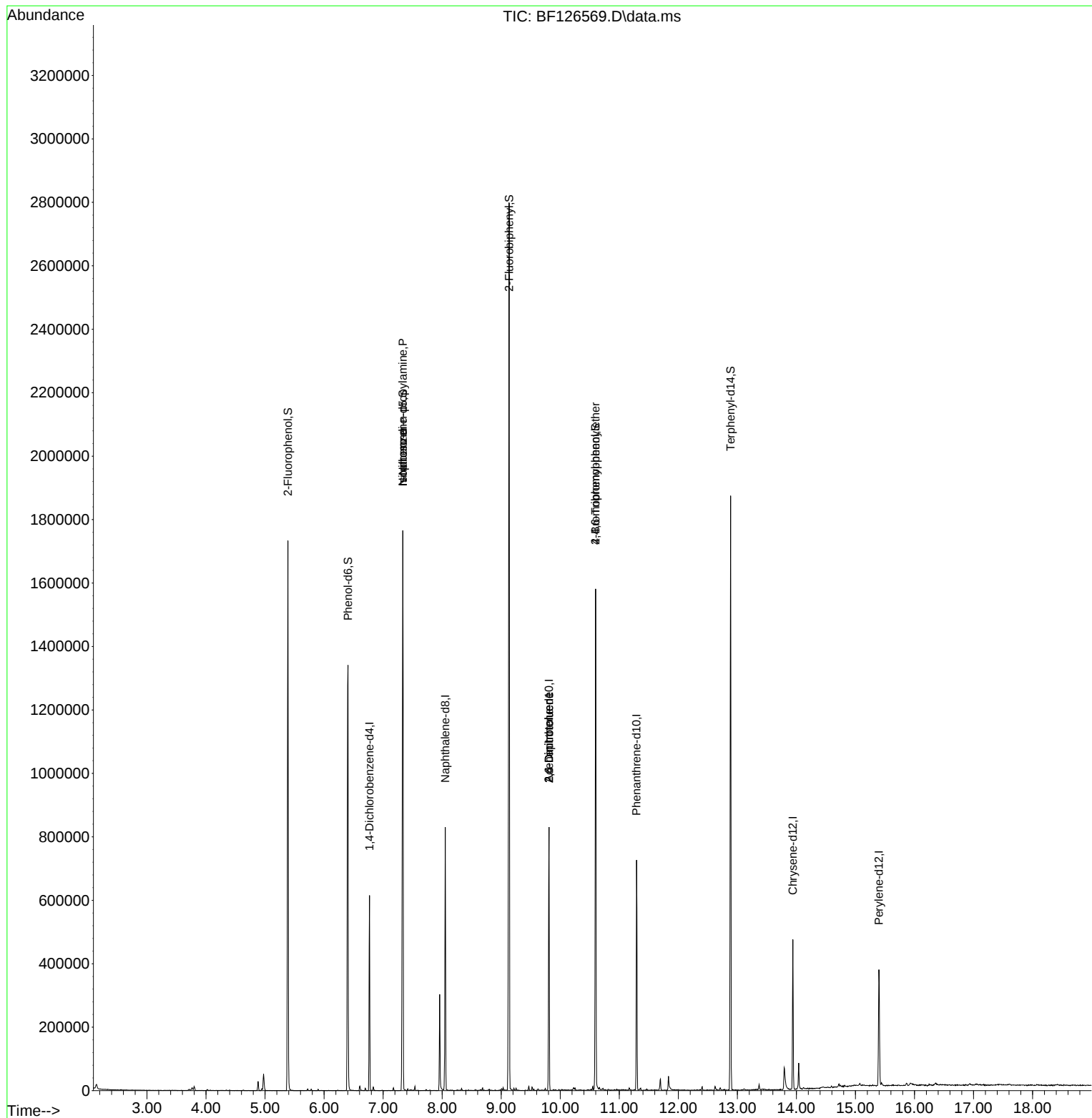
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	83796	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	350742	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	164963	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	255369	20.000	ng	0.00
76) Chrysene-d12	13.939	240	147090	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.333	70	85833	19.902	ng	# 79
25) Isophorone	7.333	82	668378	54.658	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	21634	9.727	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	21634	7.540	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	10237	4.516	ng	# 1
77) Benzidine	12.886	184	7511	Below Cal		98

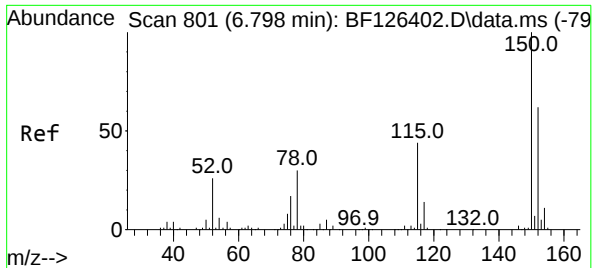
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
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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

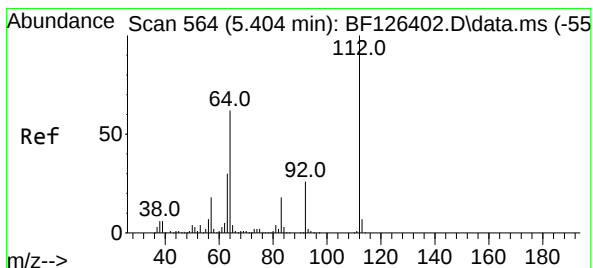
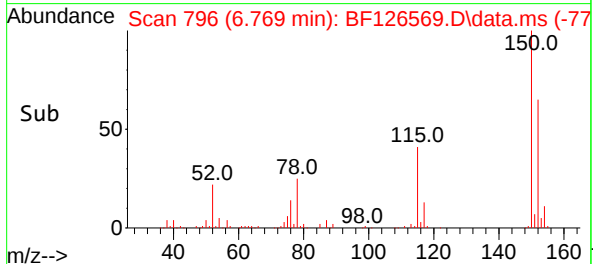
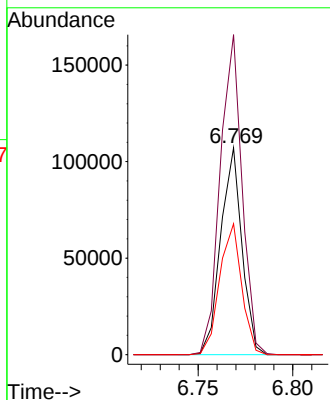
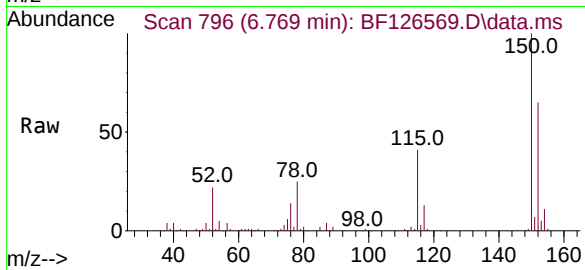




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

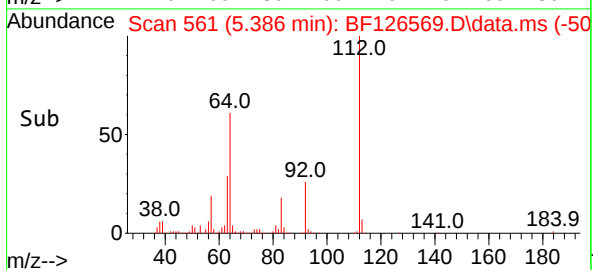
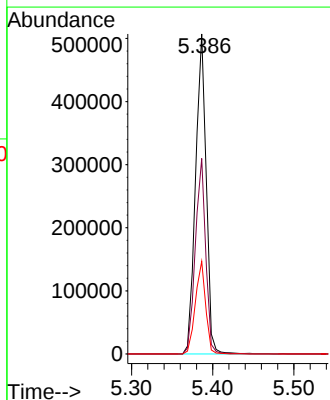
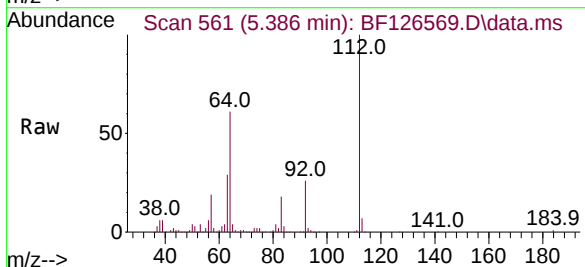
Instrument : BNA_F
ClientSampleId : 20220020-CAPE-2-MODIFIED-ELUTRIATE

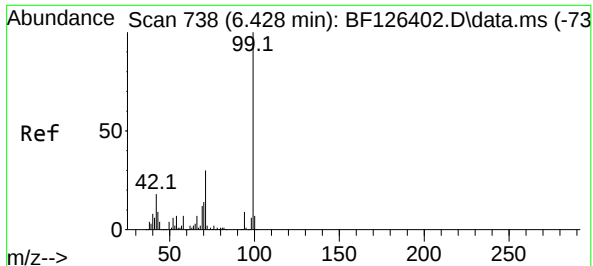
Tgt Ion:152 Resp: 83796
Ion Ratio Lower Upper
152 100
150 154.6 128.1 192.1
115 63.2 56.7 85.1



#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

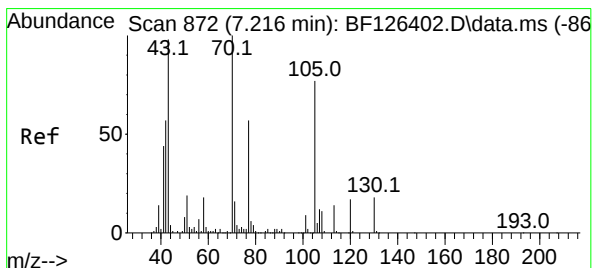
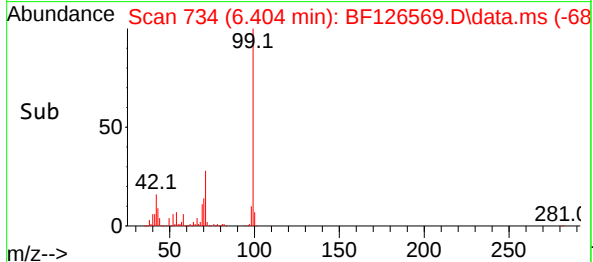
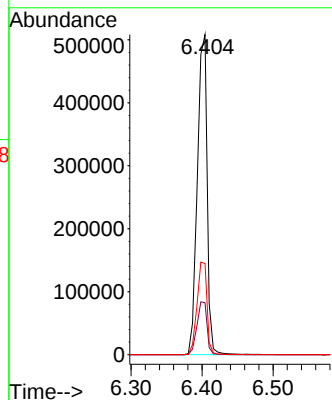
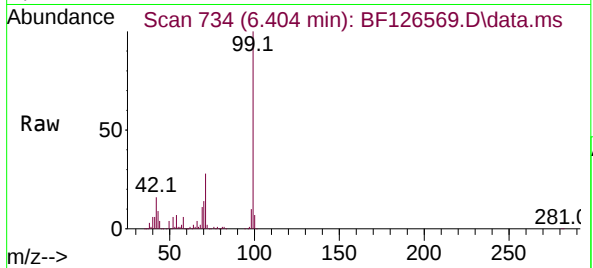




#7
Phenol-d6
Concen: 64.822 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

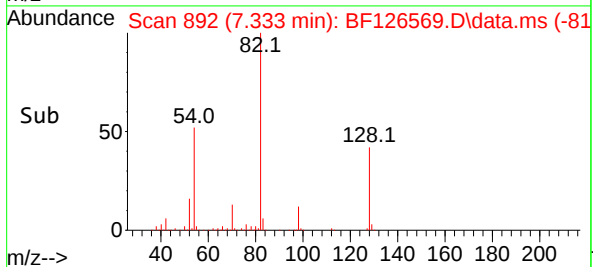
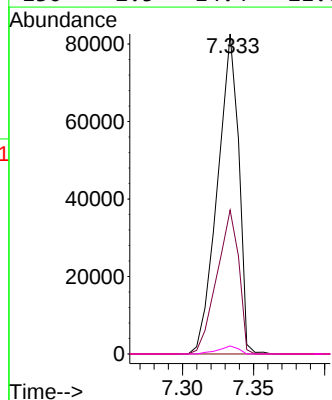
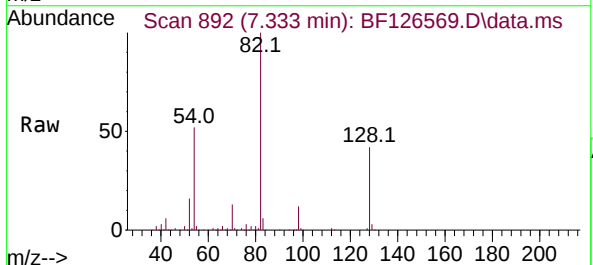
Instrument :
BNA_F
ClientSampleId :
20220020-CAPE-2-MODIFIED-ELUTRIATE

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



#19
n-Nitroso-di-n-propylamine
Concen: 19.902 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion: 70 Resp: 85833
Ion Ratio Lower Upper
70 100
42 44.9 45.8 68.8#
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#

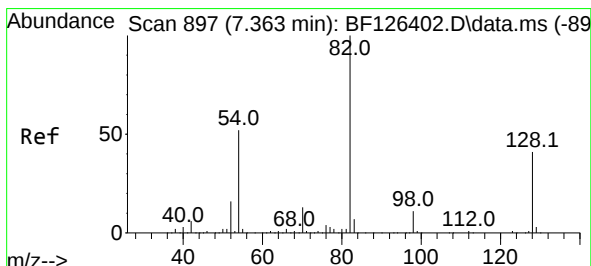
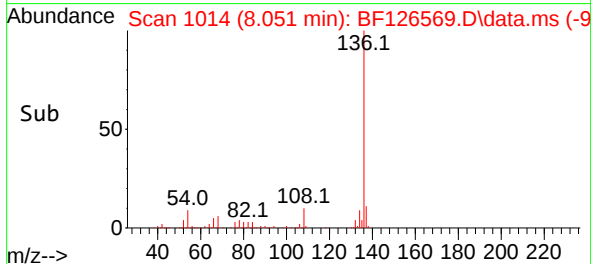
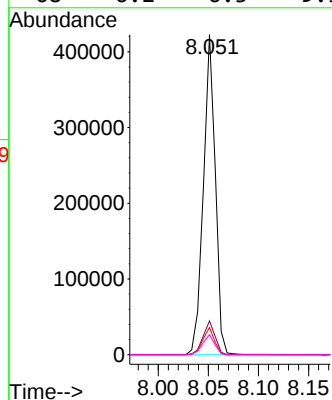
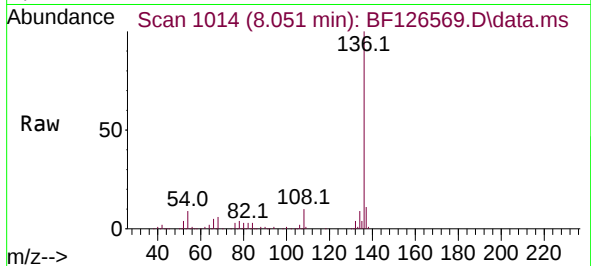




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

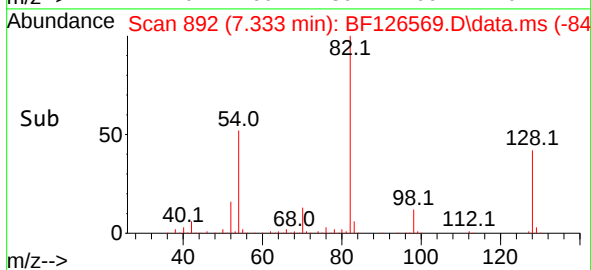
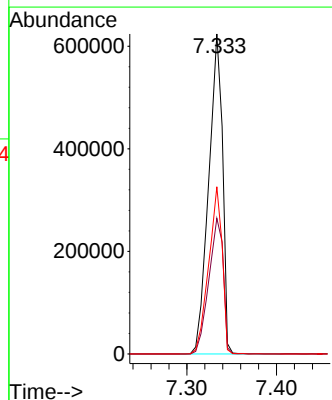
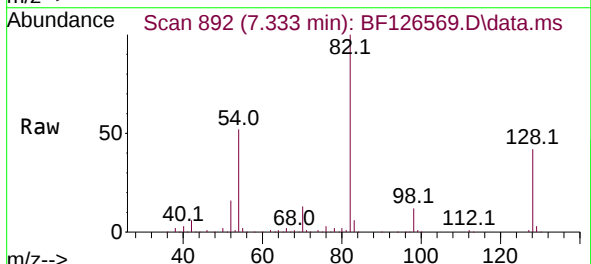
Instrument : BNA_F
ClientSampleId : 20220020-CAPE-2-MODIFIED-ELUTRIATE

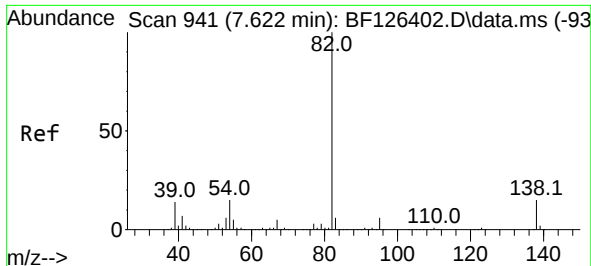
Tgt Ion:136 Resp: 350742
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.5 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 97.881 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

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

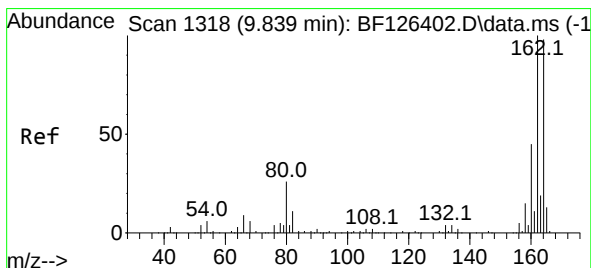
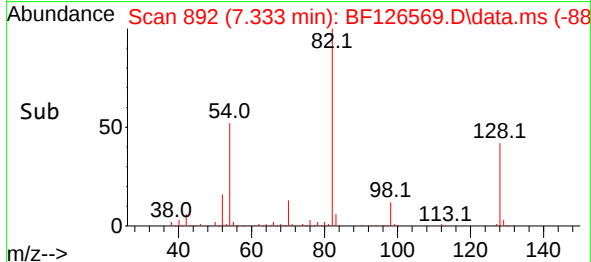
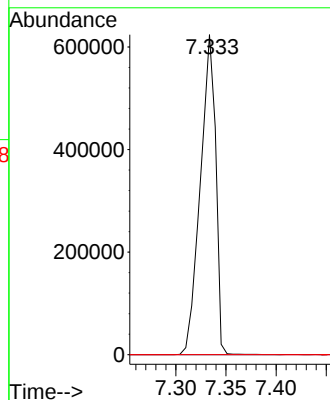
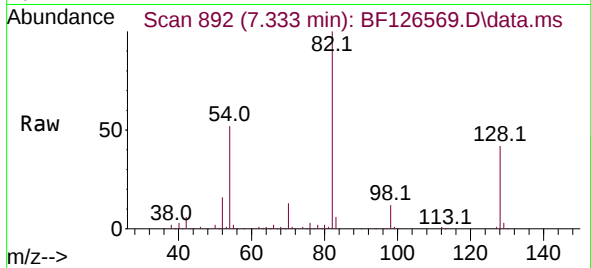




#25
Isophorone
Concen: 54.658 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

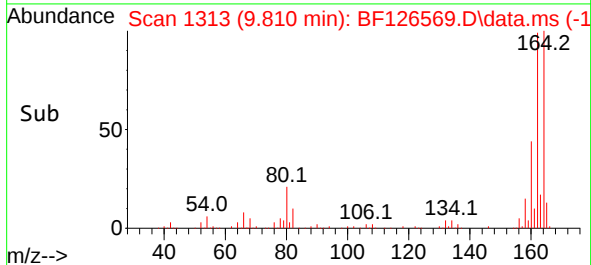
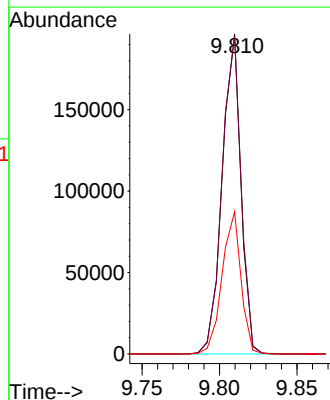
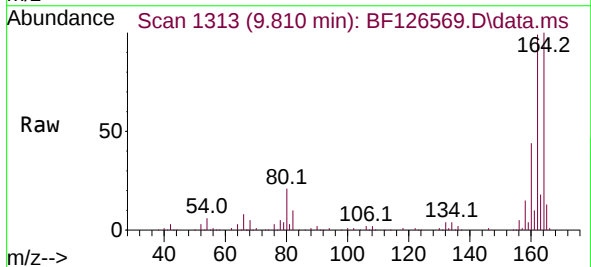
Instrument : BNA_F
ClientSampleId : 20220020-CAPE-2-MODIFIED-ELUTRIATE

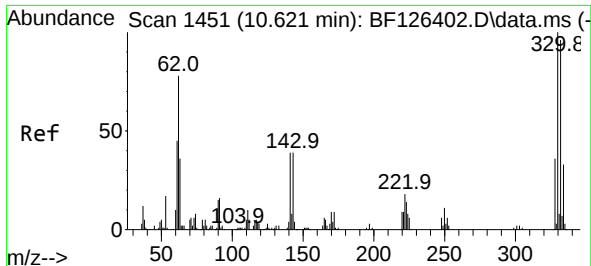
Tgt Ion: 82 Resp: 668378
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#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# 1451

Delta R.T. -0.006 min

Lab File: BF126569.D

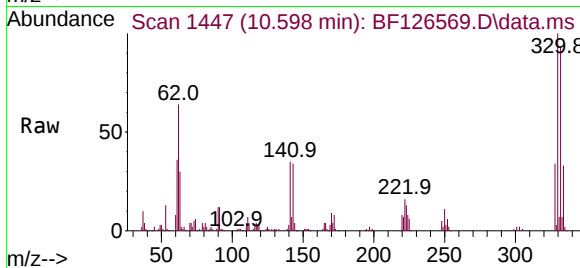
Acq: 10 Jan 2022 16:36

Instrument :

BNA_F

ClientSampleId :

20220020-CAPE-2-MODIFIED-ELUTRIATE



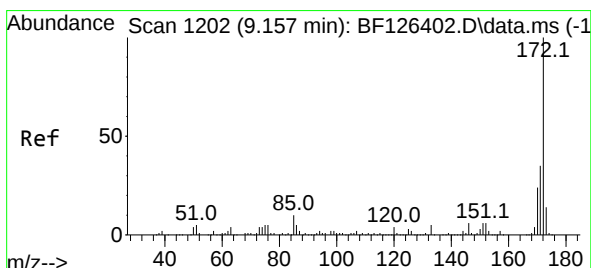
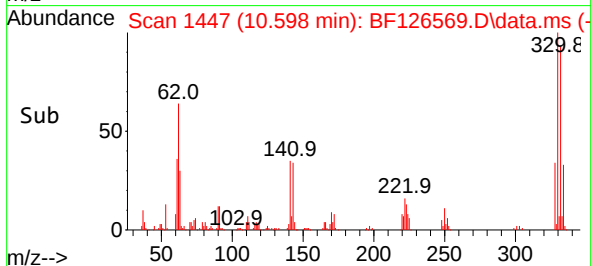
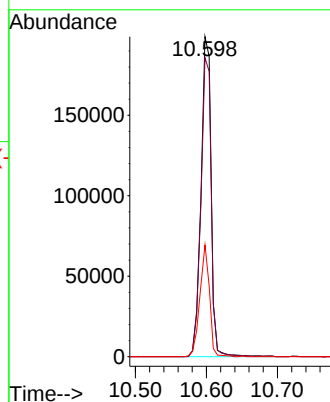
Tgt Ion:330 Resp: 198483

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

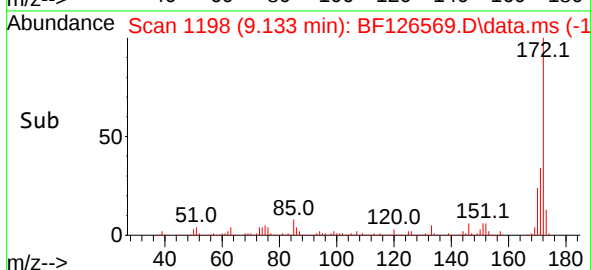
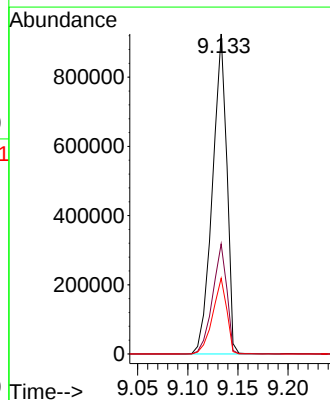
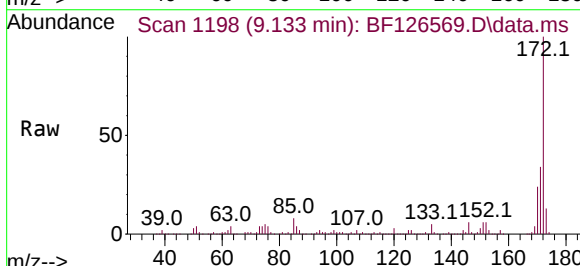
Tgt Ion:172 Resp: 920434

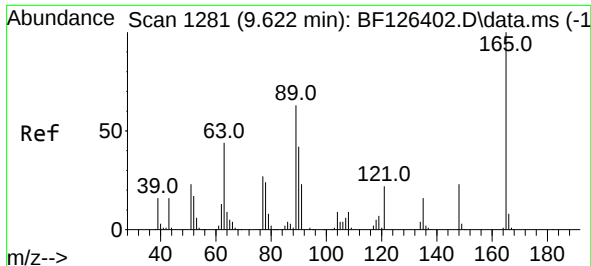
Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 23.6 19.0 28.6

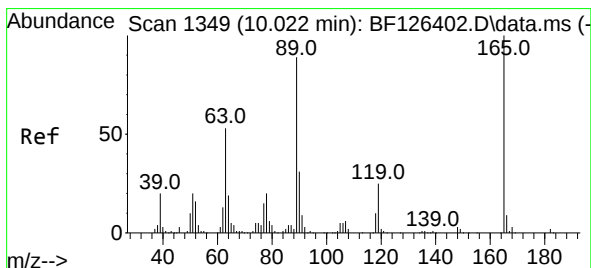
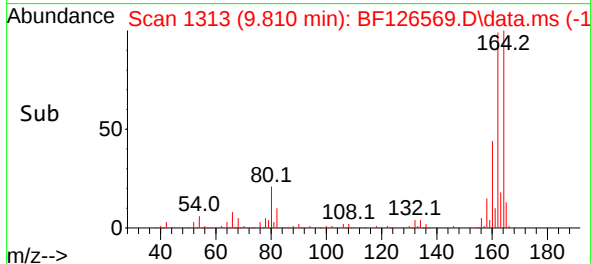
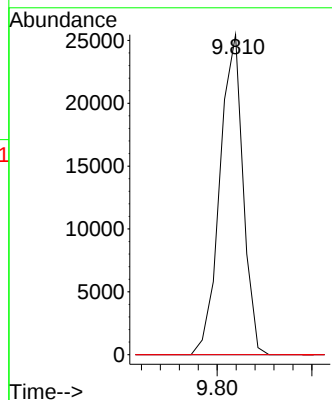
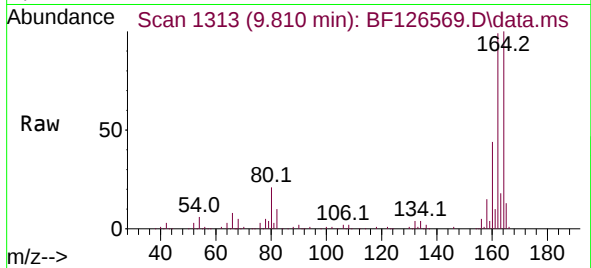




#51
2,6-Dinitrotoluene
Concen: 9.727 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

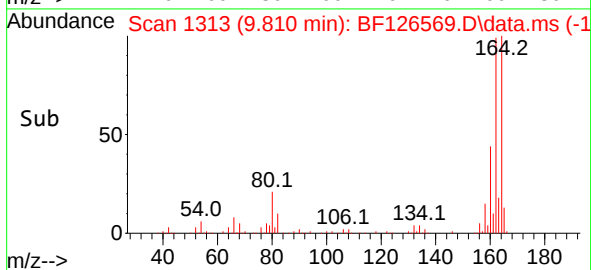
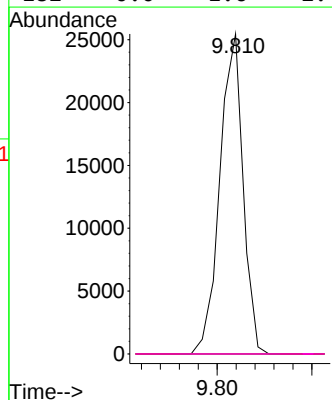
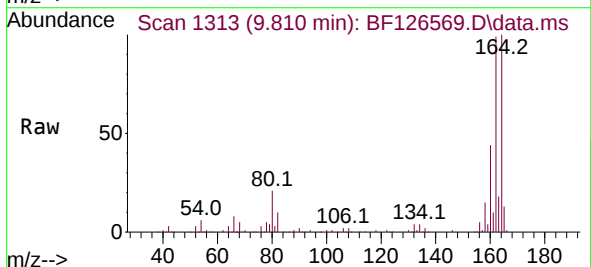
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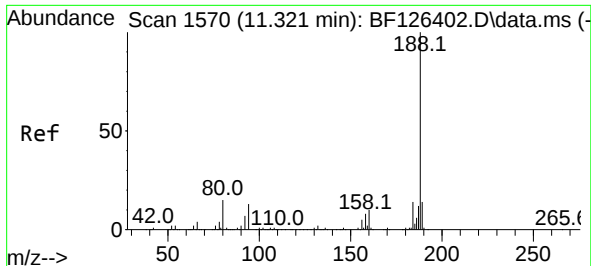
Tgt Ion:165 Resp: 21634
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.540 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion:165 Resp: 21634
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

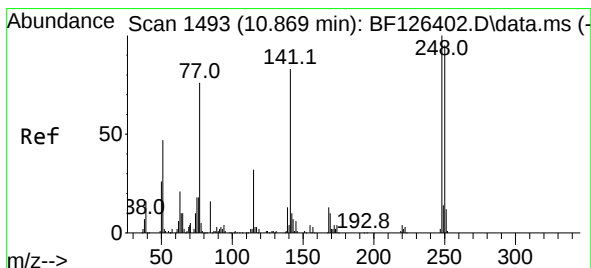
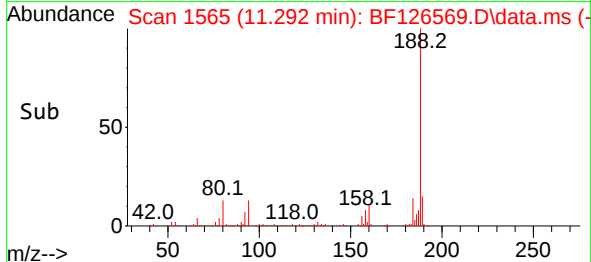
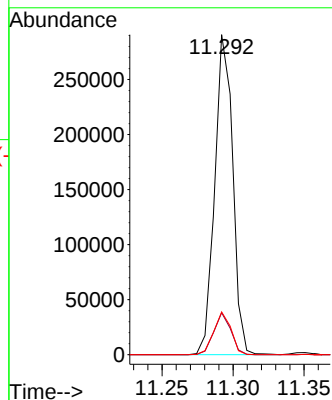
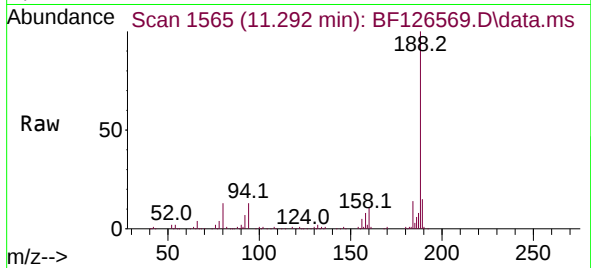




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

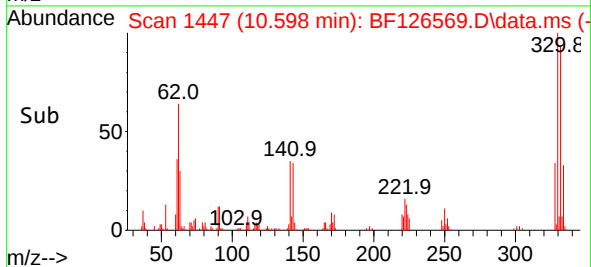
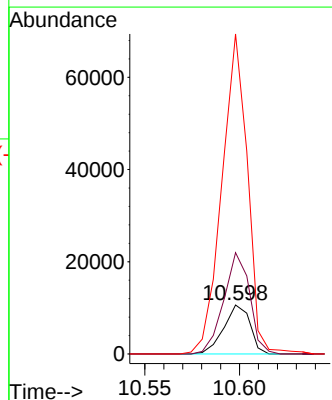
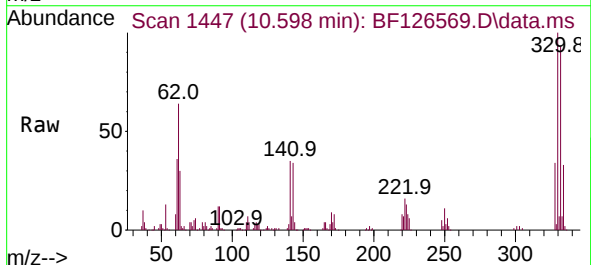
Instrument :
BNA_F
ClientSampleId :
20220020-CAPE-2-MODIFIED-ELUTRIATE

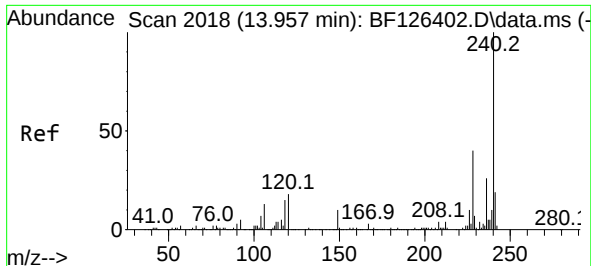
Tgt Ion:188 Resp: 255369
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 13.3 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.516 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

Tgt Ion:248 Resp: 10237
Ion Ratio Lower Upper
248 100
250 206.7 76.2 114.4#
141 652.8 66.2 99.4#

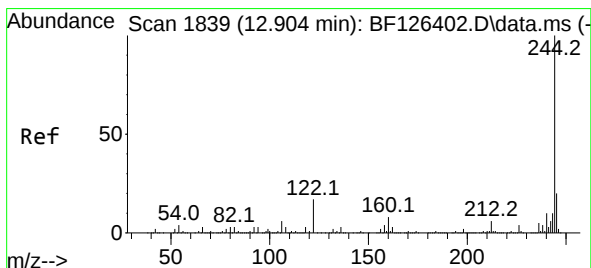
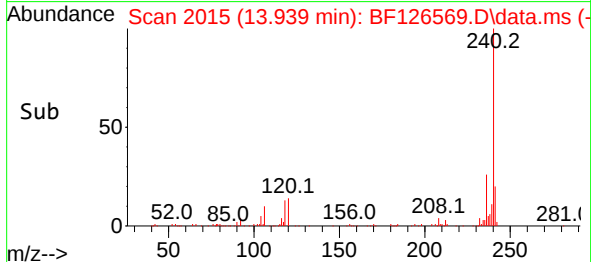
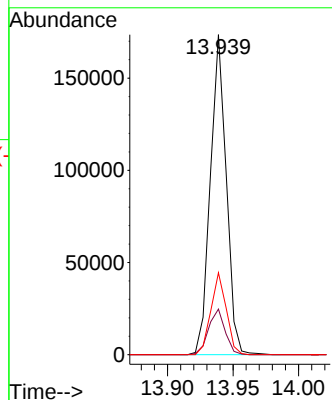
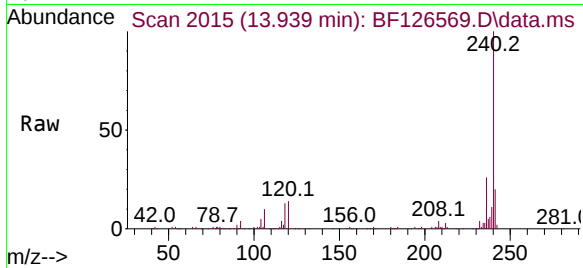




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

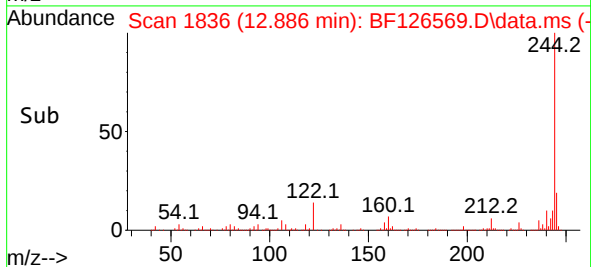
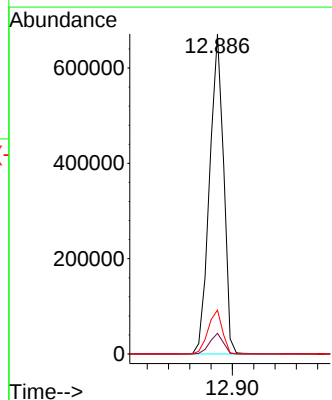
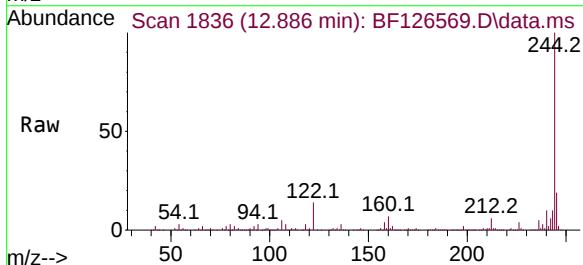
Instrument : BNA_F
ClientSampleId : 20220020-CAPE-2-MODIFIED-ELUTRIATE

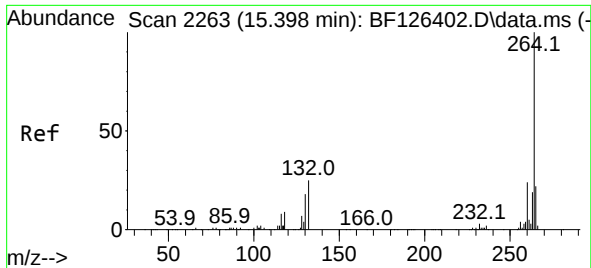
Tgt Ion:240 Resp: 147090
Ion Ratio Lower Upper
240 100
120 14.3 14.4 21.6#
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 81.116 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126569.D
Acq: 10 Jan 2022 16:36

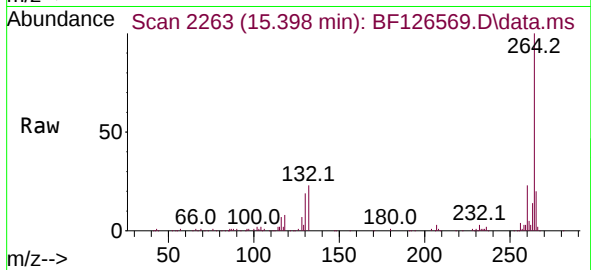
Tgt Ion:244 Resp: 614088
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 13.7 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 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:264 Resp: 156242
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.0 17.4 26.2

