

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126576.D
 Acq On : 10 Jan 2022 19:42
 Operator : JU/CG
 Sample : N1054-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220024-CAPE-6-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:38:29 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)

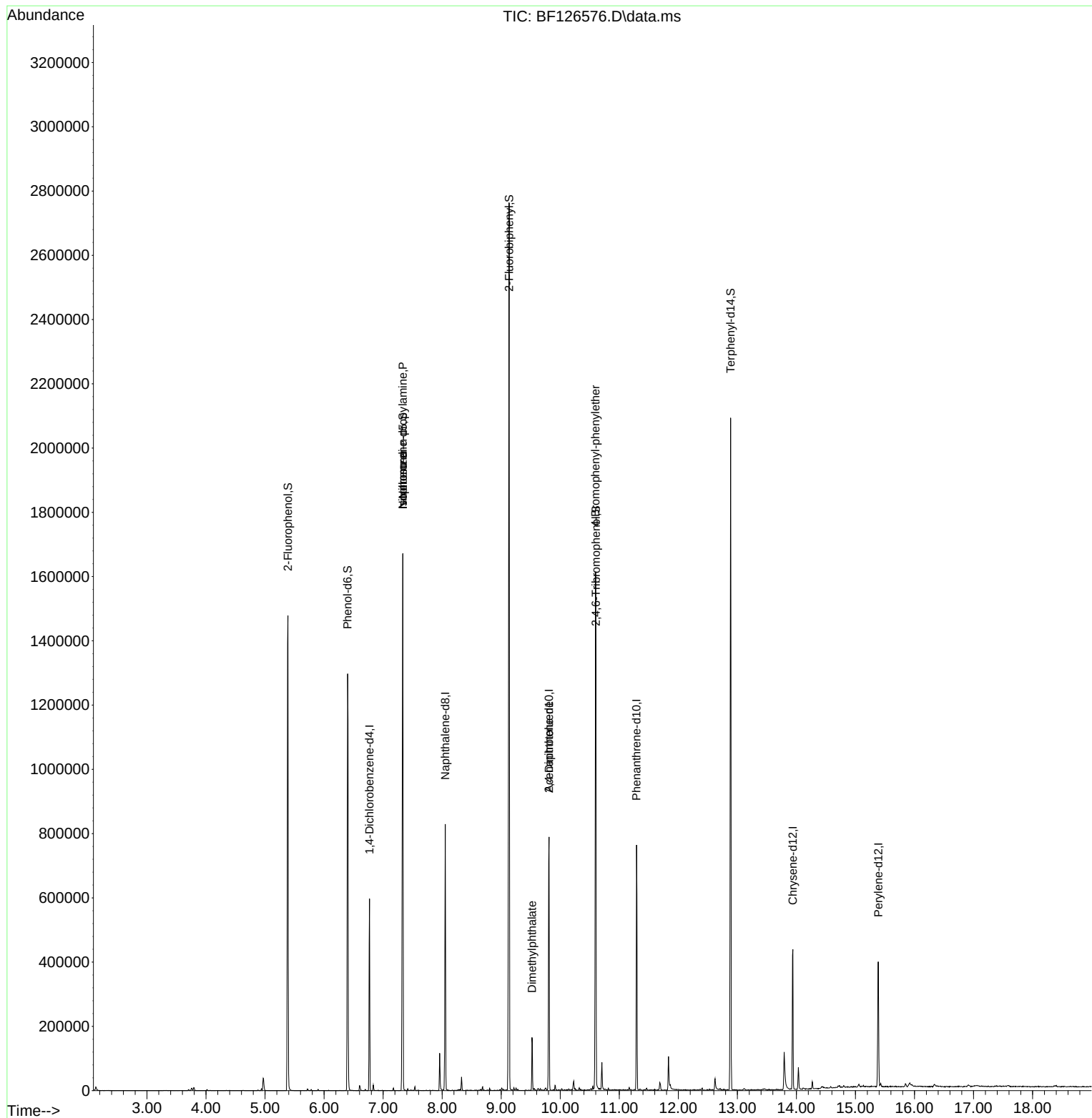
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	82387	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	348690	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	167856	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	267253	20.000	ng	0.00
76) Chrysene-d12	13.939	240	150195	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	158866	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	433028	75.480	ng	0.00
7) Phenol-d6	6.398	99	468988	63.115	ng	-0.01
23) Nitrobenzene-d5	7.333	82	595790	87.733	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	215134	165.858	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	894874	93.815	ng	0.00
79) Terphenyl-d14	12.886	244	695470	89.967	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	75461	17.797	ng	# 81
25) Isophorone	7.333	82	595776	49.008	ng	# 69
50) Dimethylphthalate	9.521	163	65169	6.219	ng	99
57) 2,4-Dinitrotoluene	9.810	165	21350	7.312	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	10968	4.624	ng	# 1
77) Benzidine	12.886	184	8545	Below Cal		# 96

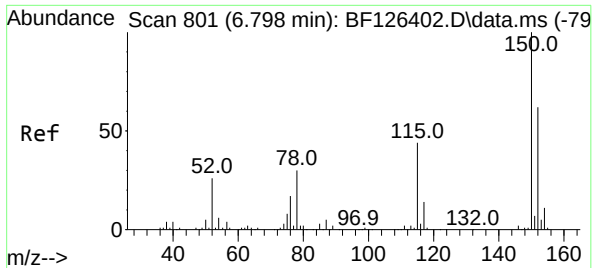
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

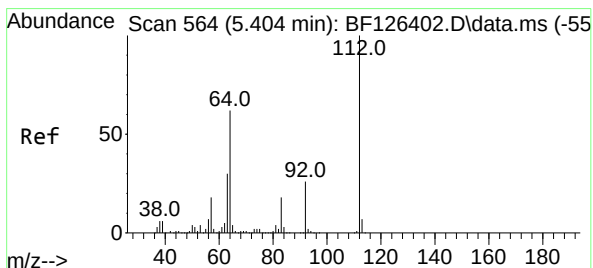
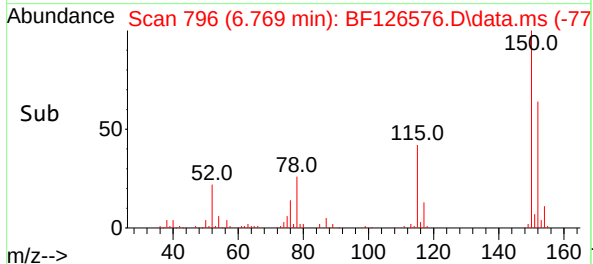
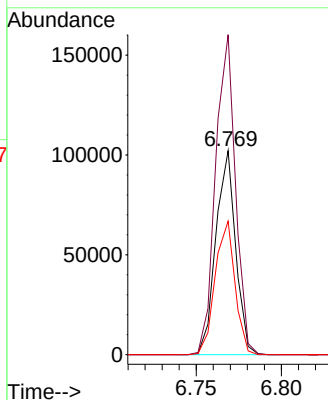
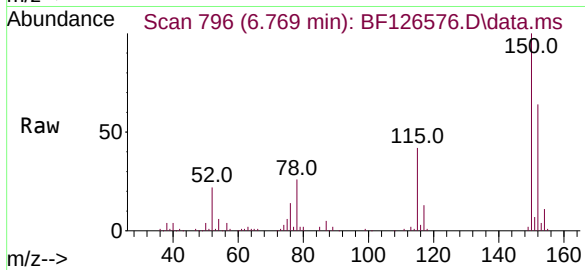




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

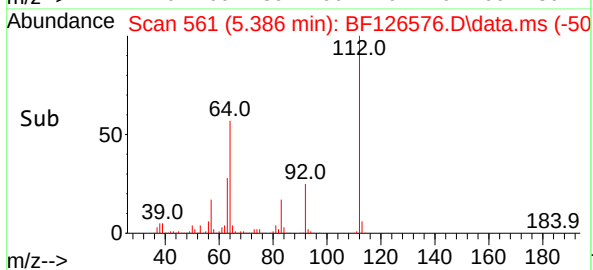
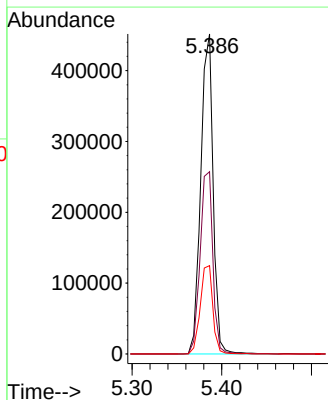
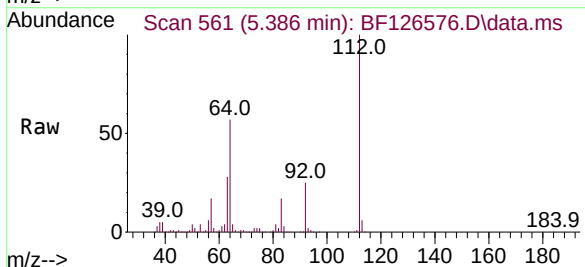
Instrument :
BNA_F
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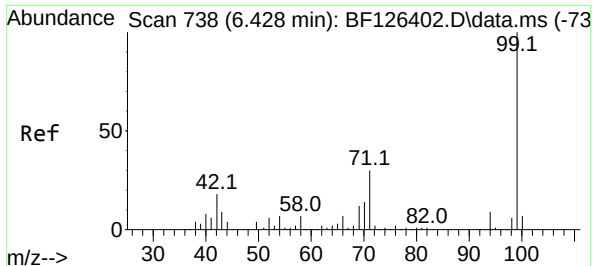
Tgt Ion:152 Resp: 82387
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 65.4 56.7 85.1



#5
2-Fluorophenol
Concen: 75.480 ng
RT: 5.386 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

Tgt Ion:112 Resp: 433028
Ion Ratio Lower Upper
112 100
64 57.0 49.5 74.3
63 27.6 23.9 35.9

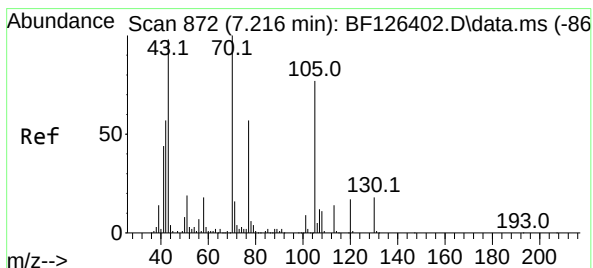
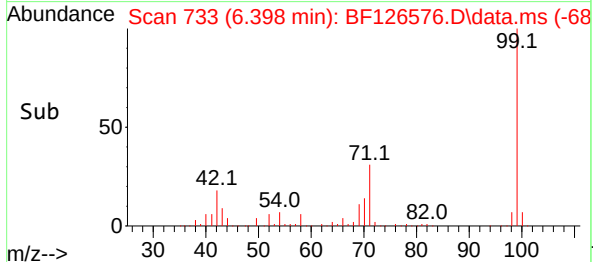
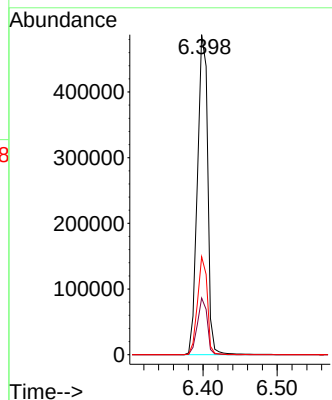
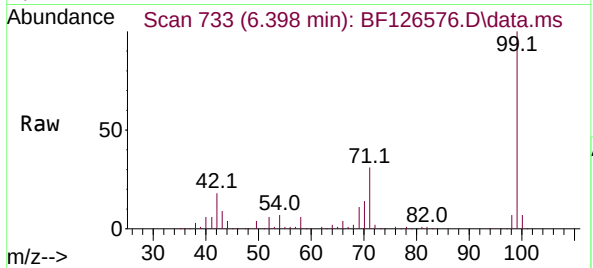




#7
Phenol-d6
Concen: 63.115 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

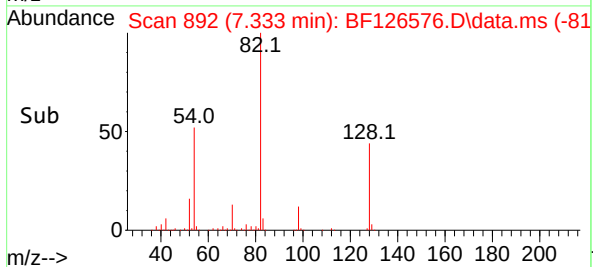
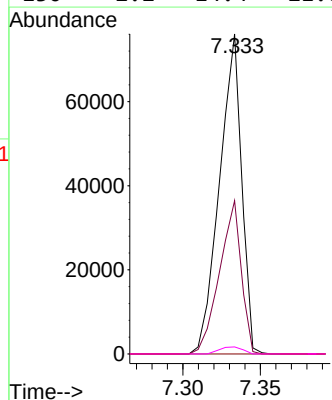
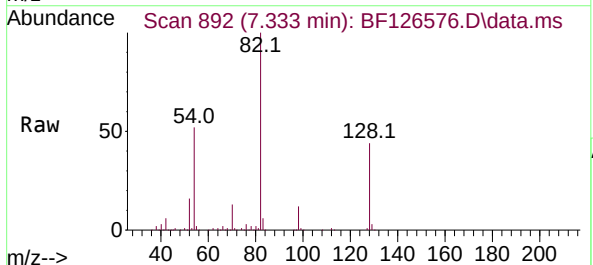
Instrument :
BNA_F
ClientSampleId :
20220024-CAPE-6-MODIFIED-ELUTRIATE

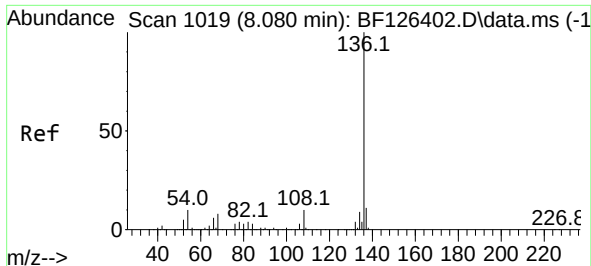
Tgt Ion: 99 Resp: 468988
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 30.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.797 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

Tgt Ion: 70 Resp: 75461
Ion Ratio Lower Upper
70 100
42 47.9 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#

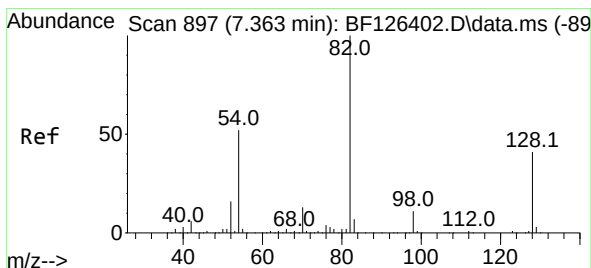
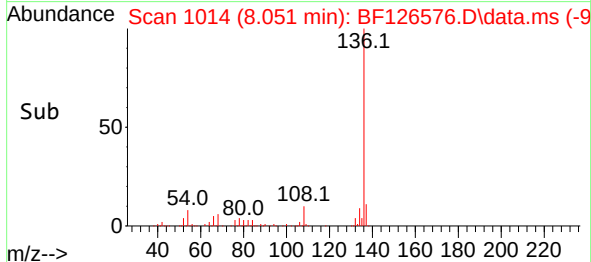
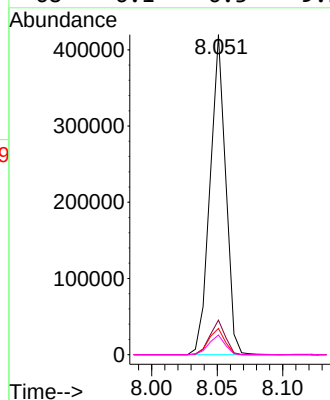
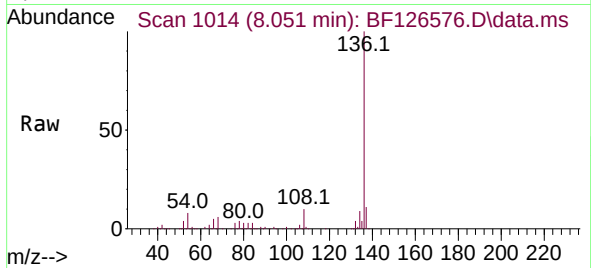




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

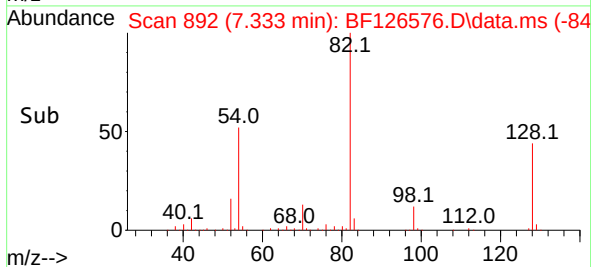
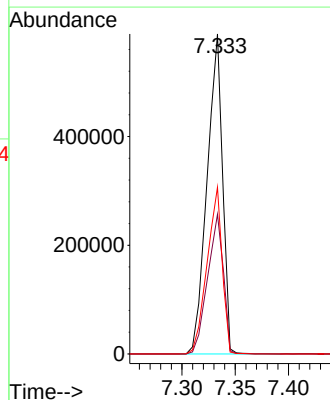
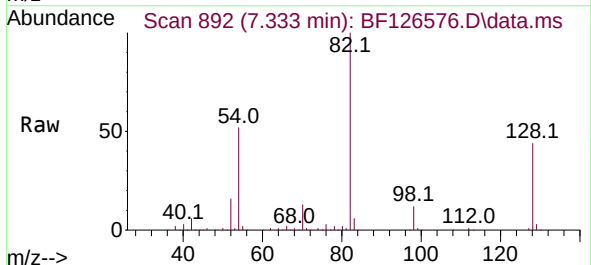
Instrument : BNA_F
ClientSampleId : 20220024-CAPE-6-MODIFIED-ELUTRIATE

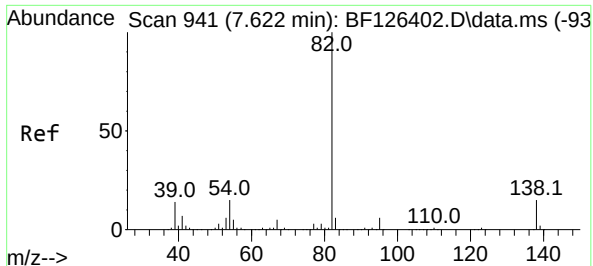
Tgt Ion:136 Resp: 348690
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.8 11.6
68 6.1 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 87.733 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

Tgt Ion: 82 Resp: 595790
Ion Ratio Lower Upper
82 100
128 43.7 32.7 49.1
54 52.1 41.7 62.5

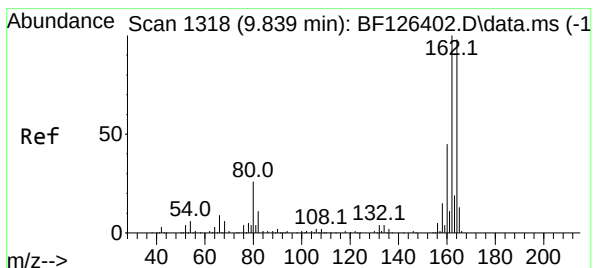
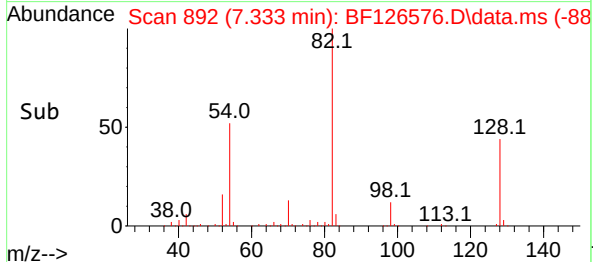
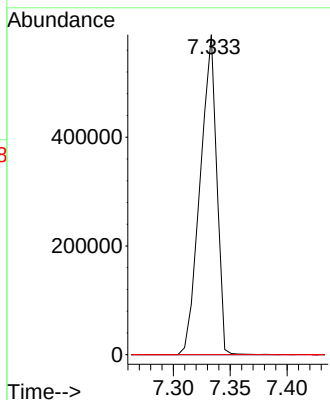
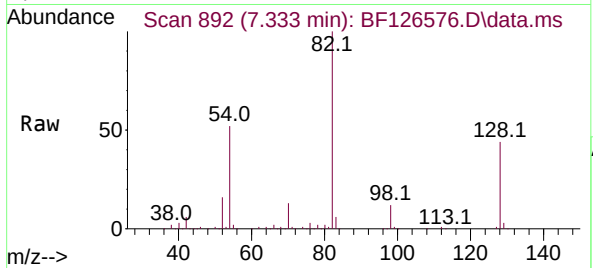




#25
Isophorone
Concen: 49.008 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

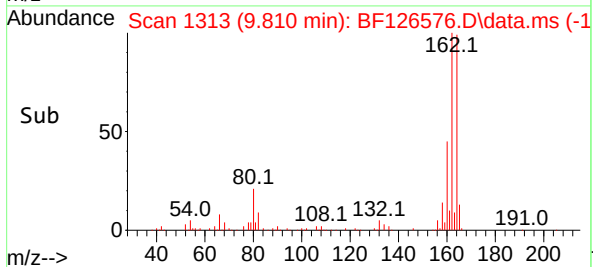
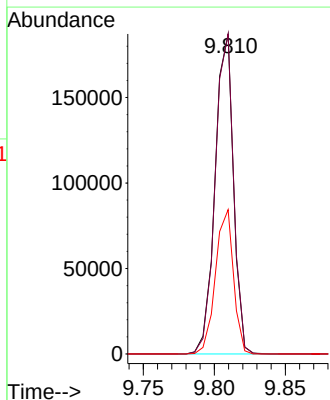
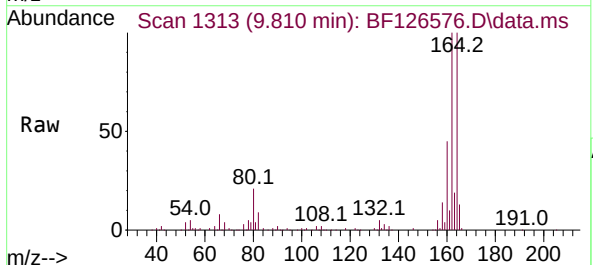
Instrument :
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ClientSampleId :
20220024-CAPE-6-MODIFIED-ELUTRIATE

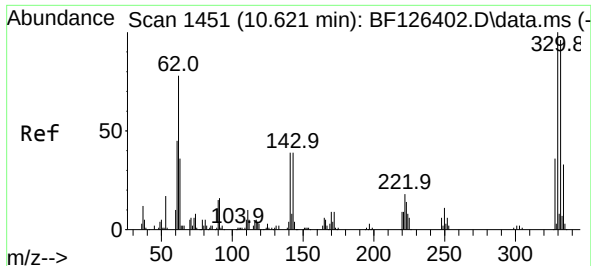
Tgt Ion: 82 Resp: 595776
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

Tgt Ion:164 Resp: 167856
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 45.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 165.858 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126576.D

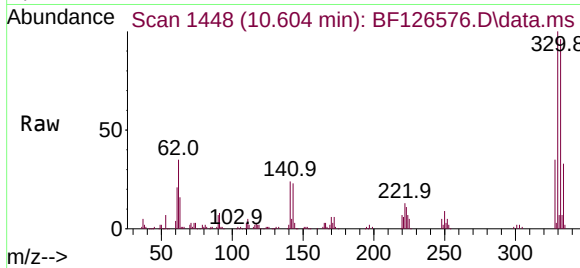
Acq: 10 Jan 2022 19:42

Instrument :

BNA_F

ClientSampleId :

20220024-CAPE-6-MODIFIED-ELUTRIATE



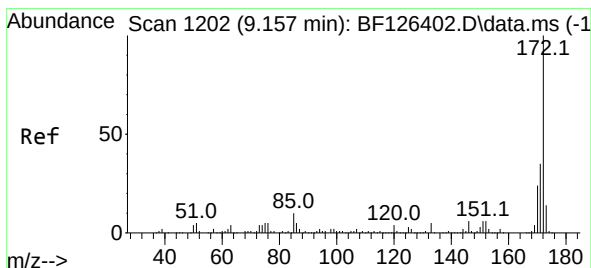
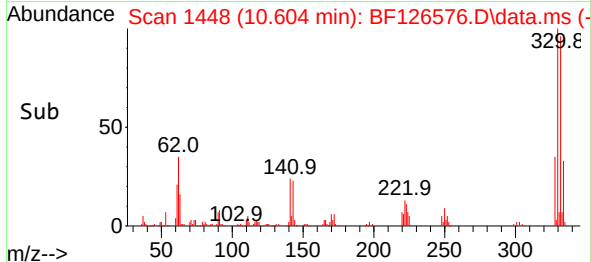
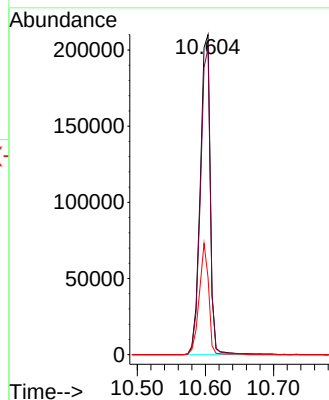
Tgt Ion:330 Resp: 215134

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

141 32.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 93.815 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126576.D

Acq: 10 Jan 2022 19:42

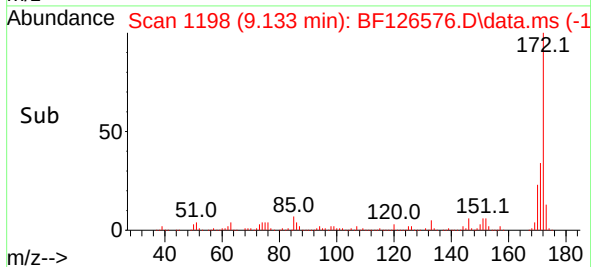
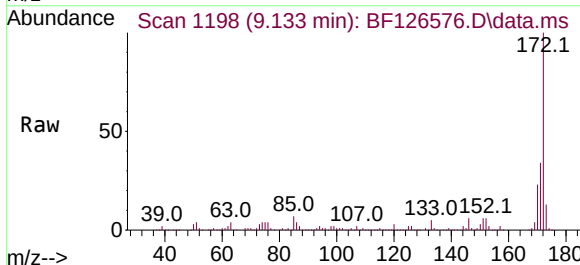
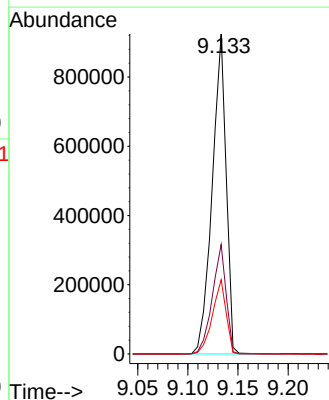
Tgt Ion:172 Resp: 894874

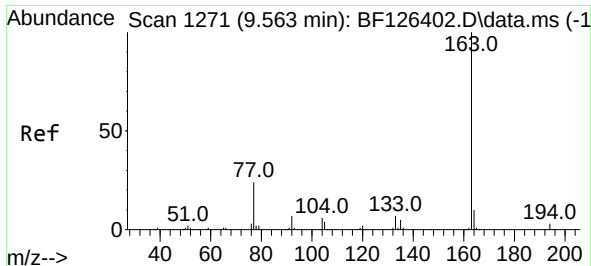
Ion Ratio Lower Upper

172 100

171 34.2 28.3 42.5

170 23.2 19.0 28.6

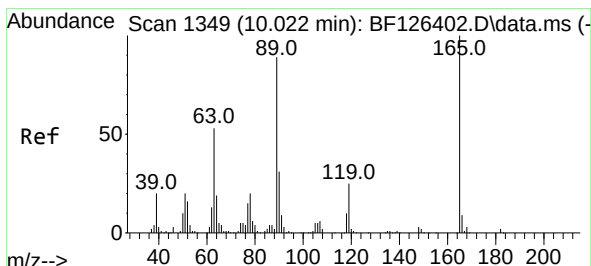
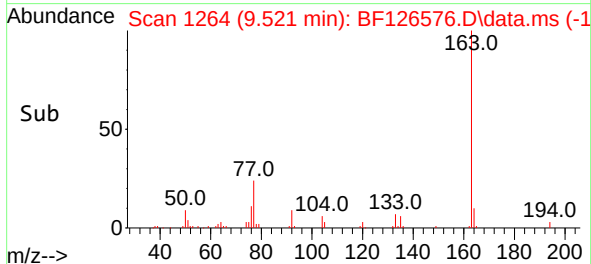
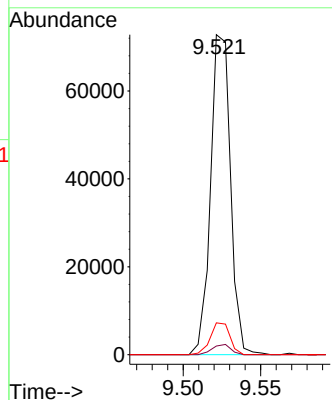
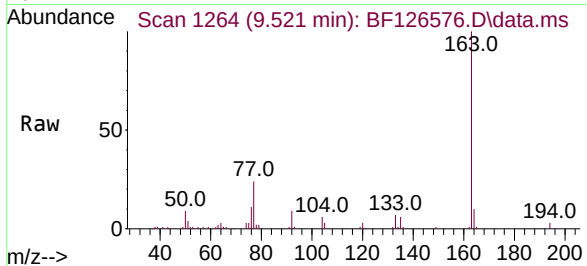




#50
Dimethylphthalate
Concen: 6.219 ng
RT: 9.521 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

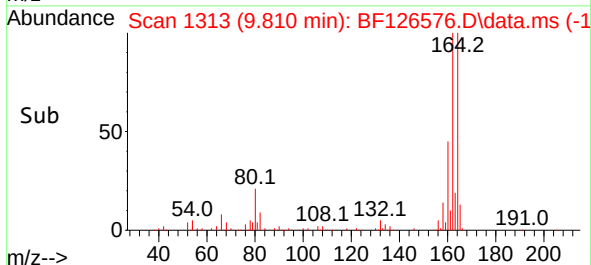
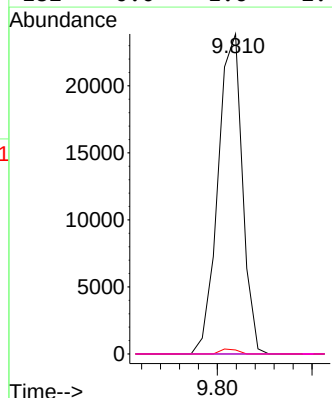
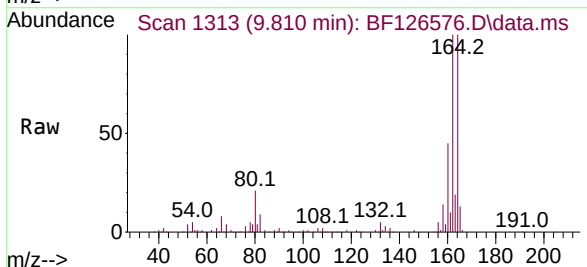
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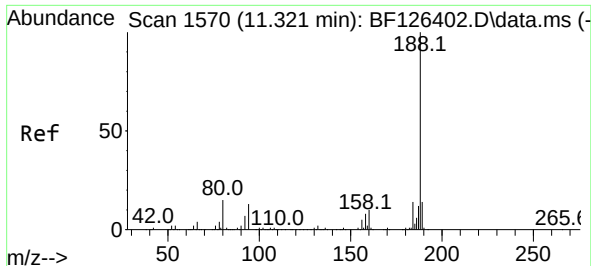
Tgt Ion:163 Resp: 65169
Ion Ratio Lower Upper
163 100
194 2.7 2.6 3.8
164 9.9 7.8 11.8



#57
2,4-Dinitrotoluene
Concen: 7.312 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

Tgt Ion:165 Resp: 21350
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#

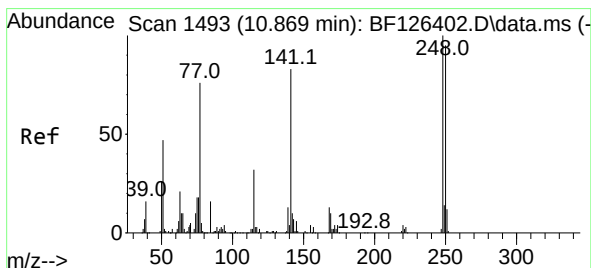
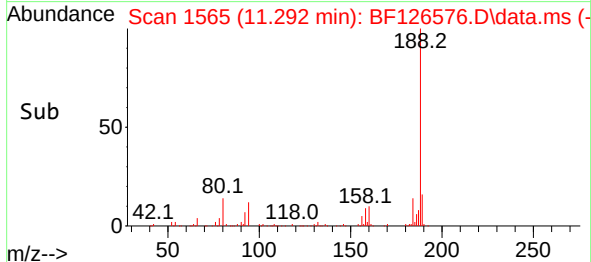
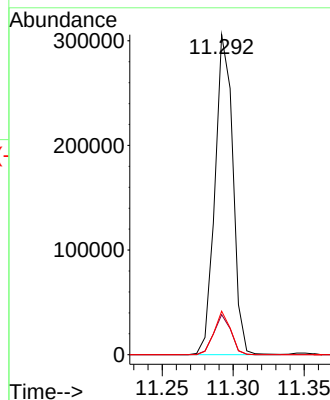
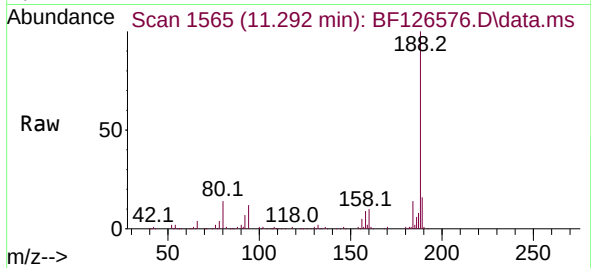




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

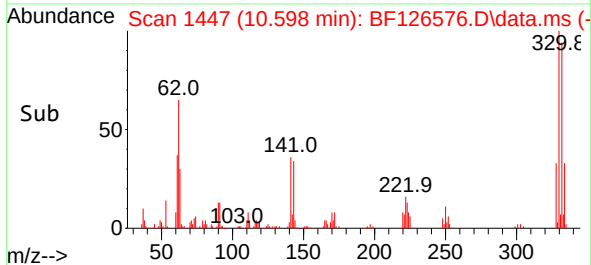
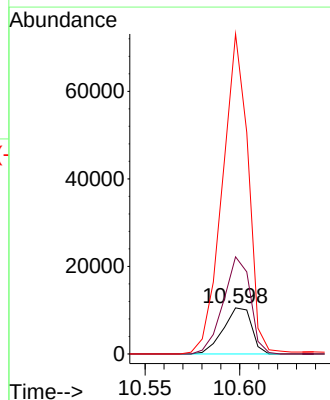
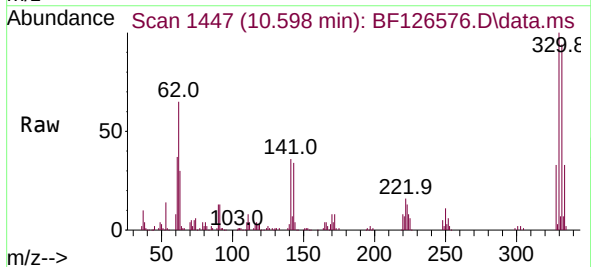
Instrument :
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20220024-CAPE-6-MODIFIED-ELUTRIATE

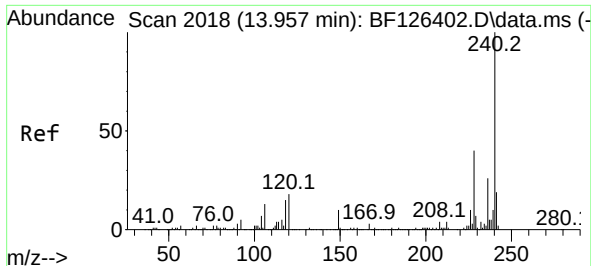
Tgt Ion:188 Resp: 267253
Ion Ratio Lower Upper
188 100
94 12.5 10.1 15.1
80 13.6 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.624 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

Tgt Ion:248 Resp: 10968
Ion Ratio Lower Upper
248 100
250 210.3 76.2 114.4#
141 693.3 66.2 99.4#

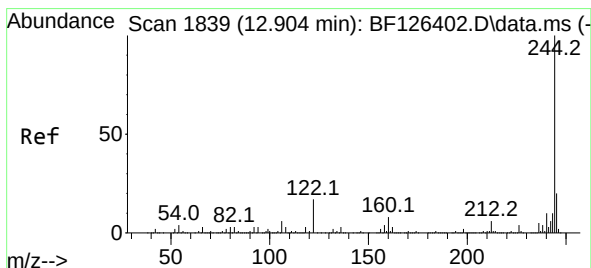
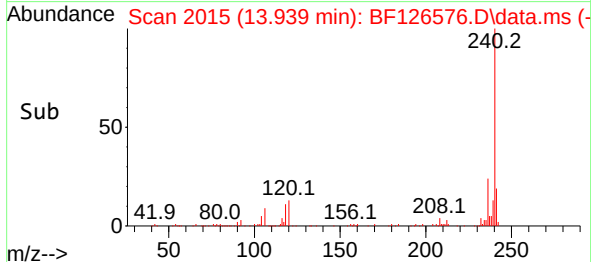
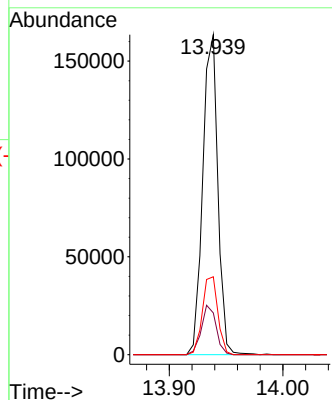
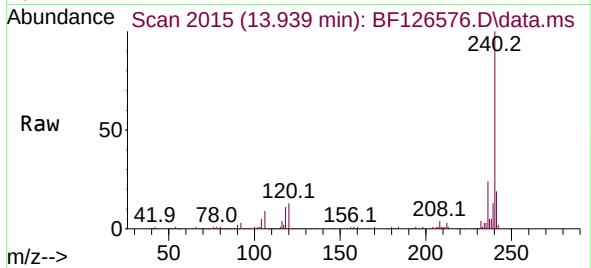




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

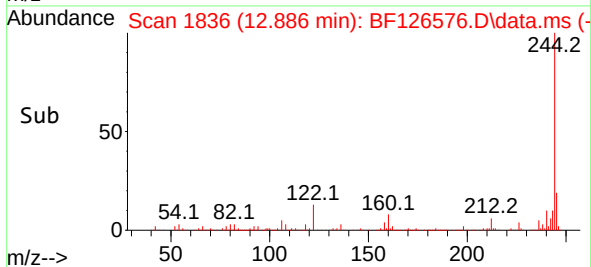
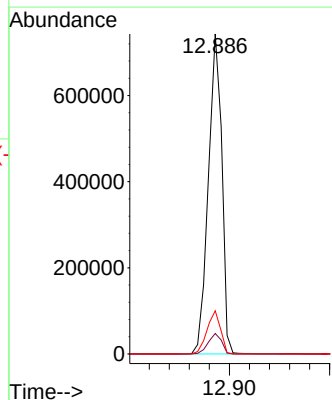
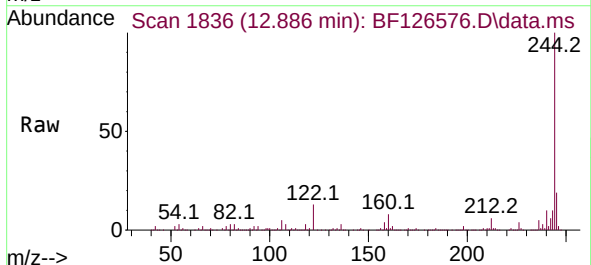
Instrument :
BNA_F
ClientSampleId :
20220024-CAPE-6-MODIFIED-ELUTRIATE

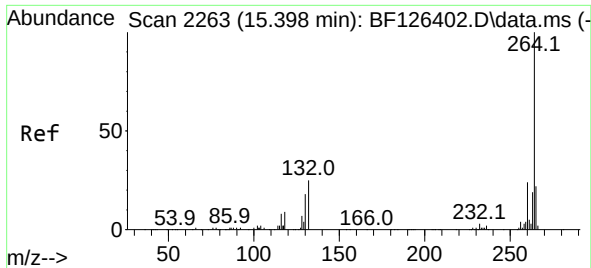
Tgt Ion:240 Resp: 150195
Ion Ratio Lower Upper
240 100
120 13.1 14.4 21.6#
236 24.3 20.5 30.7



#79
Terphenyl-d14
Concen: 89.967 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126576.D
Acq: 10 Jan 2022 19:42

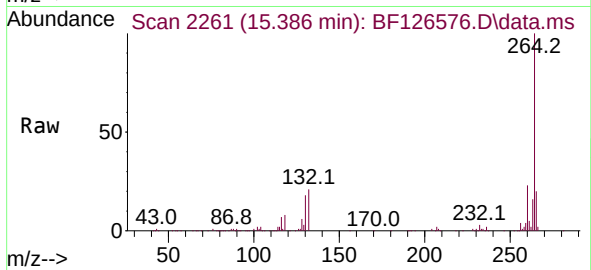
Tgt Ion:244 Resp: 695470
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 13.5 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126576.D
 Acq: 10 Jan 2022 19:42

Instrument :
 BNA_F
 ClientSampleId :
 20220024-CAPE-6-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 158866
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 19.7 17.4 26.2

