

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126567.D
 Acq On : 10 Jan 2022 15:42
 Operator : JU/CG
 Sample : N1054-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220019-CAPE-1-MODIFIED-ELUTRIATE

Quant Time: Jan 10 17:17:28 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)

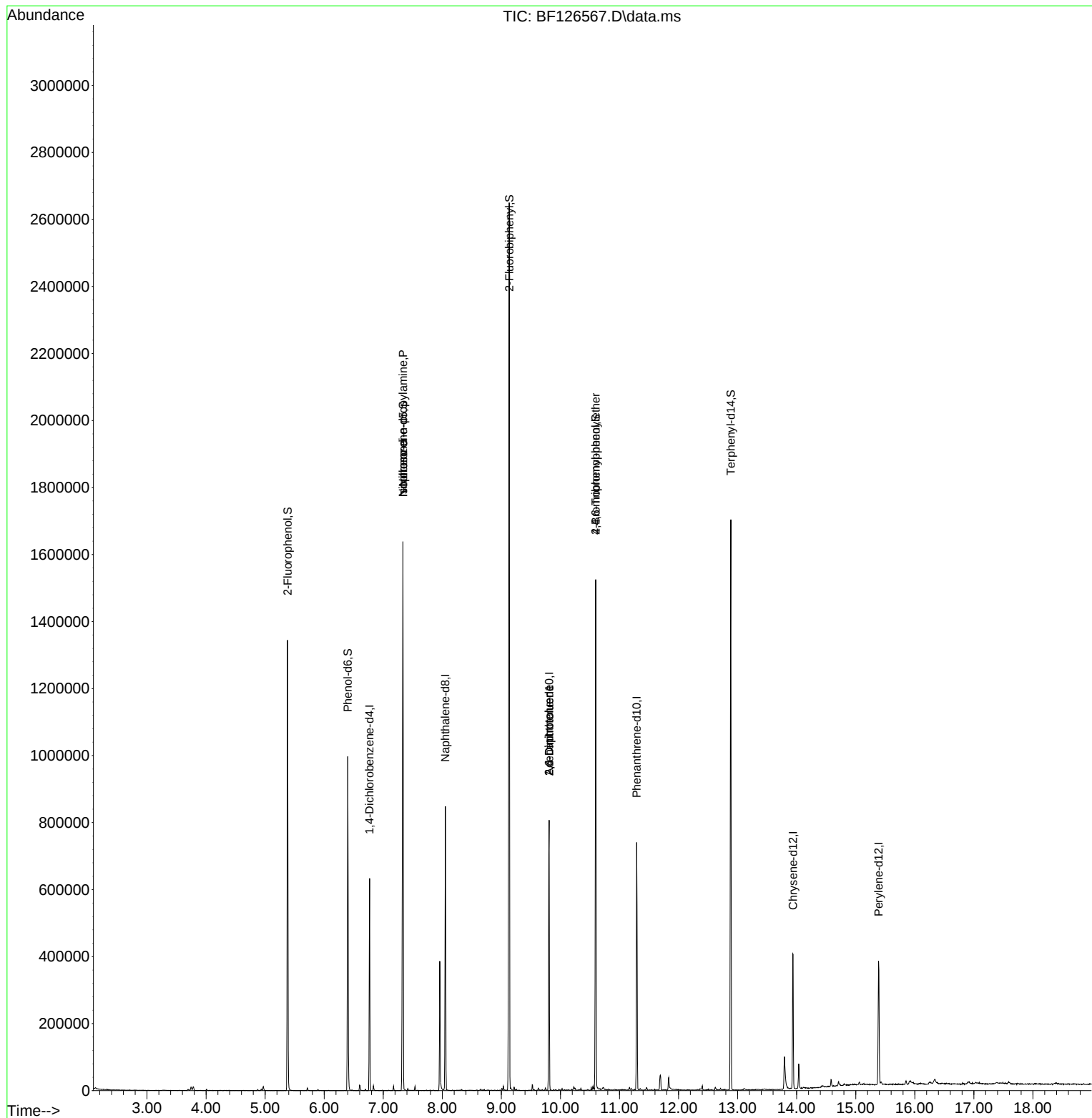
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	84746	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	361172	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	164414	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	254678	20.000	ng	0.00
76) Chrysene-d12	13.939	240	146041	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	161524	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	355935	60.315	ng	0.00
7) Phenol-d6	6.398	99	318750	41.703	ng	-0.01
23) Nitrobenzene-d5	7.333	82	582147	82.761	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	181412	142.788	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	816147	87.352	ng	0.00
79) Terphenyl-d14	12.886	244	554018	73.707	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	73612	16.877	ng	# 82
25) Isophorone	7.333	82	582013	46.221	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	20952	9.452	ng	# 21
57) 2,4-Dinitrotoluene	9.810	165	20952	7.326	ng	# 15
67) 4-Bromophenyl-phenylether	10.598	248	9508	4.206	ng	# 1
77) Benzidine	12.886	184	6955	Below Cal		96

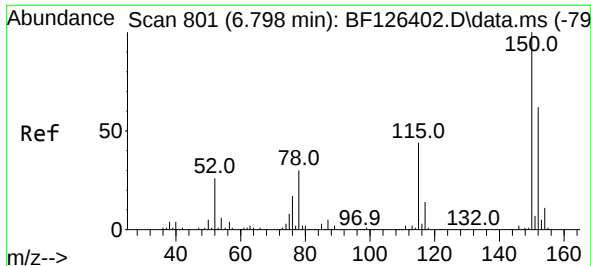
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20220019-CAPE-1-MODIFIED-ELUTRIATE

Quant Time: Jan 10 17:17:28 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

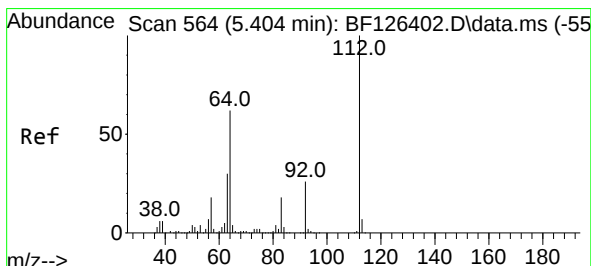
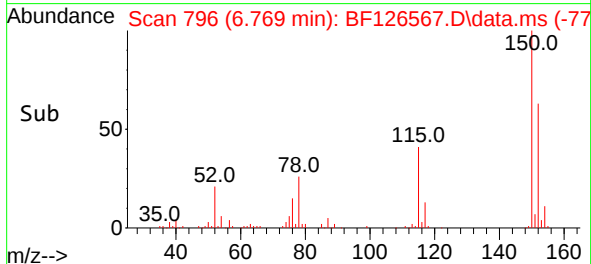
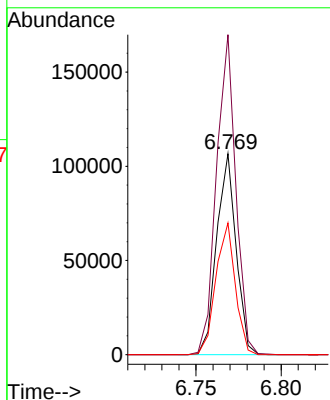
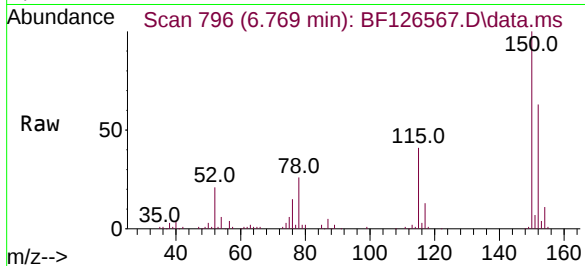




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126567.D
 Acq: 10 Jan 2022 15:42

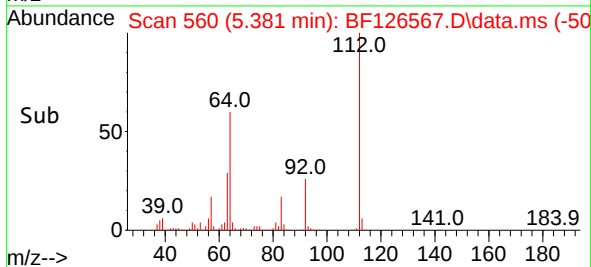
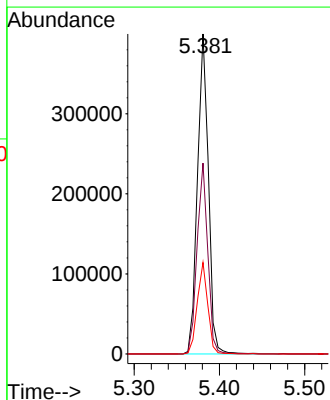
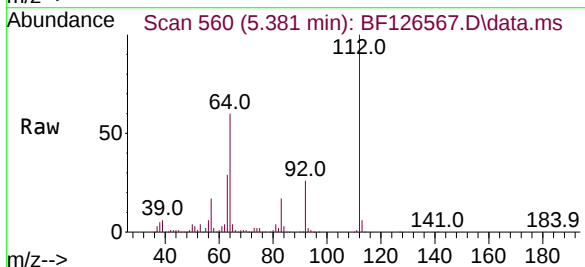
Instrument :
 BNA_F
 ClientSampleId :
 20220019-CAPE-1-MODIFIED-ELUTRIATE

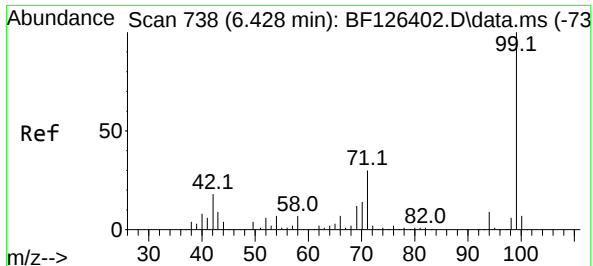
Tgt Ion:152 Resp: 84746
 Ion Ratio Lower Upper
 152 100
 150 159.3 128.1 192.1
 115 65.5 56.7 85.1



#5
 2-Fluorophenol
 Concen: 60.315 ng
 RT: 5.381 min Scan# 560
 Delta R.T. -0.000 min
 Lab File: BF126567.D
 Acq: 10 Jan 2022 15:42

Tgt Ion:112 Resp: 355935
 Ion Ratio Lower Upper
 112 100
 64 59.6 49.5 74.3
 63 28.6 23.9 35.9

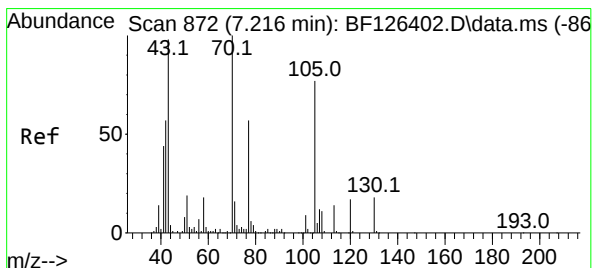
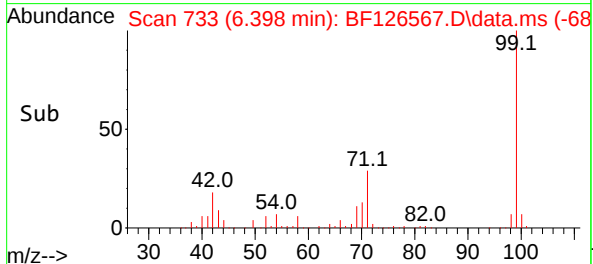
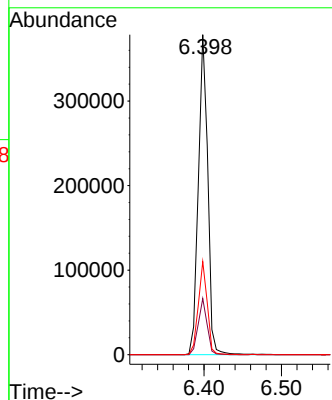
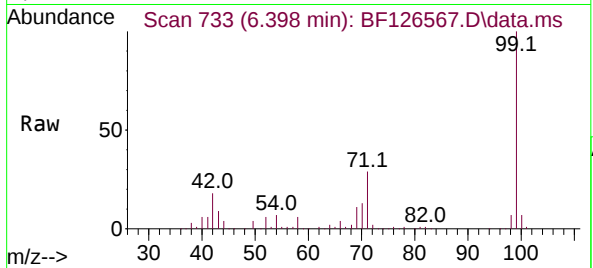




#7
Phenol-d6
Concen: 41.703 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

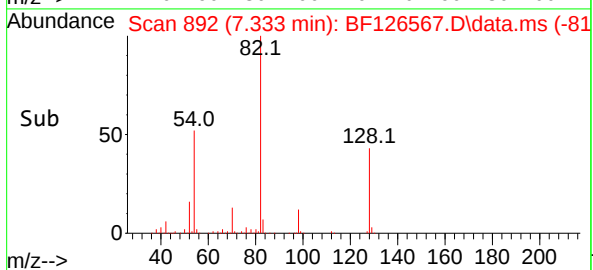
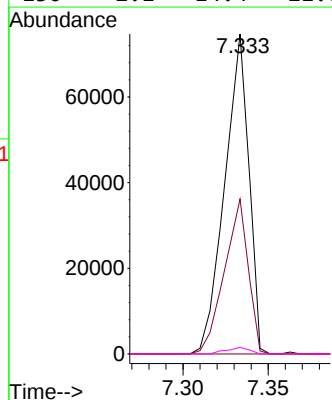
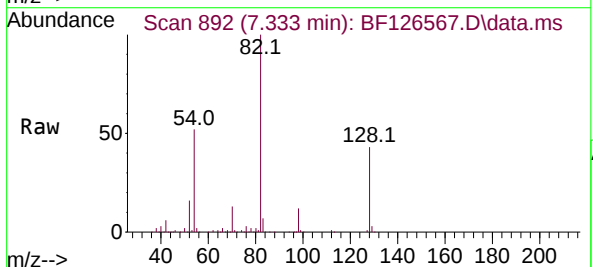
Instrument :
BNA_F
ClientSampleId :
20220019-CAPE-1-MODIFIED-ELUTRIATE

Tgt Ion: 99 Resp: 318750
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 29.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.877 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

Tgt Ion: 70 Resp: 73612
Ion Ratio Lower Upper
70 100
42 48.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#



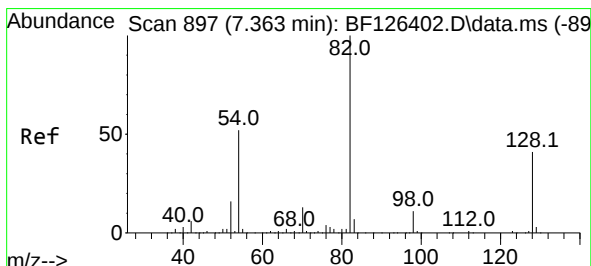
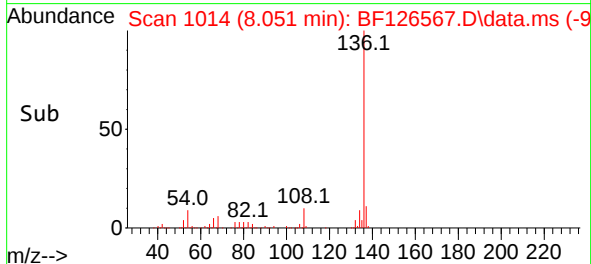
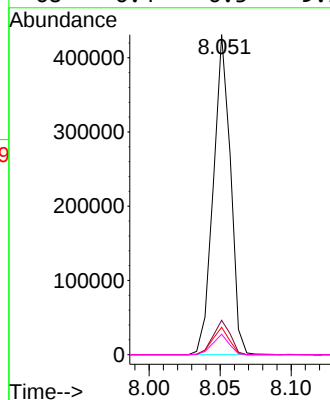
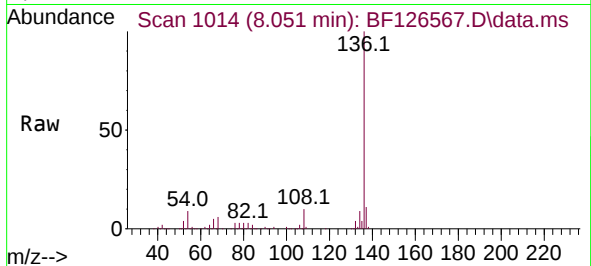


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

Instrument :
BNA_F
ClientSampleId :
20220019-CAPE-1-MODIFIED-ELUTRIATE

Tgt Ion:136 Resp: 361172

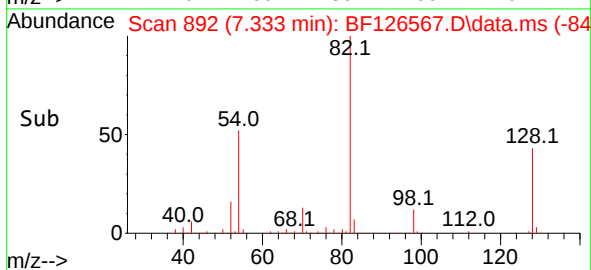
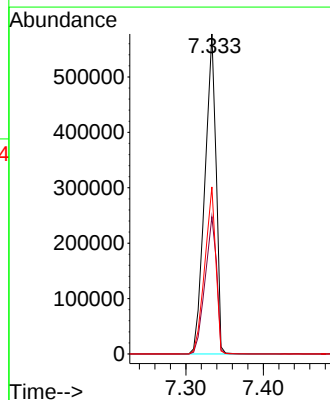
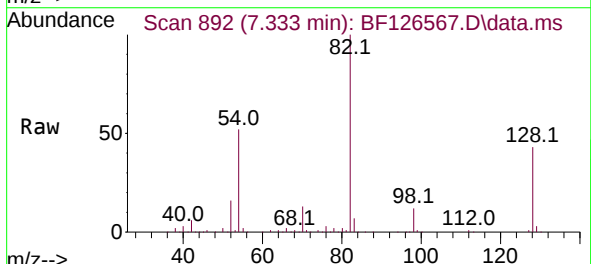
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.6	7.8	11.6
68	6.4	6.3	9.5

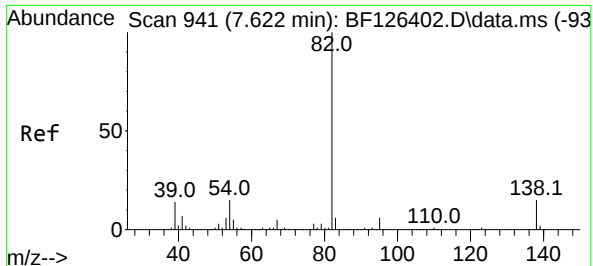


#23
Nitrobenzene-d5
Concen: 82.761 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

Tgt Ion: 82 Resp: 582147

Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.7	49.1
54	52.2	41.7	62.5

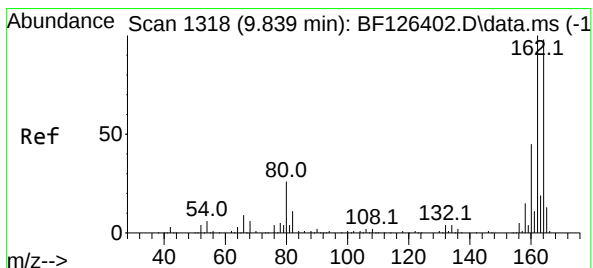
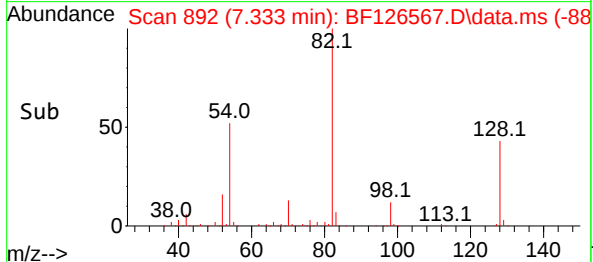
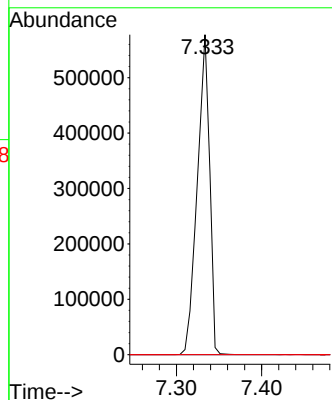
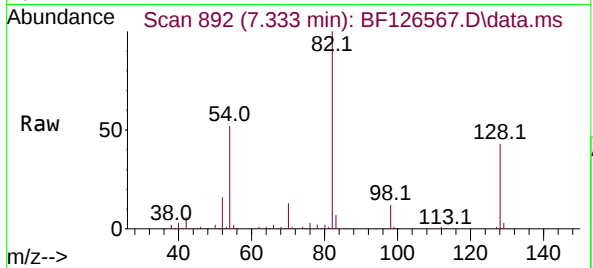




#25
Isophorone
Concen: 46.221 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

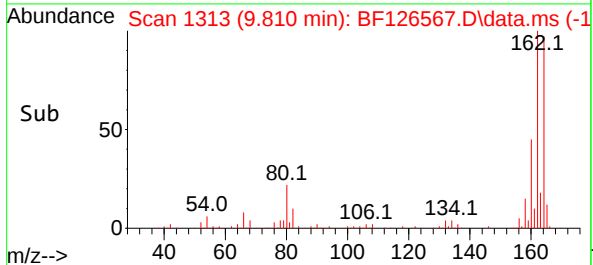
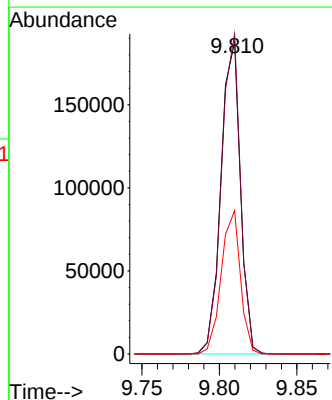
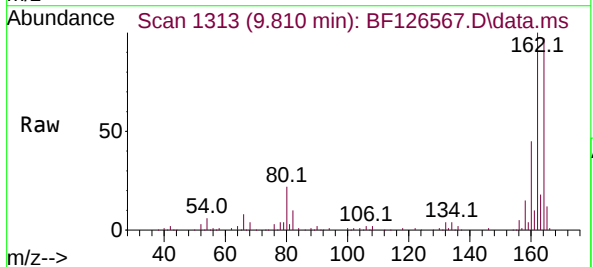
Instrument : BNA_F
ClientSampleId : 20220019-CAPE-1-MODIFIED-ELUTRIATE

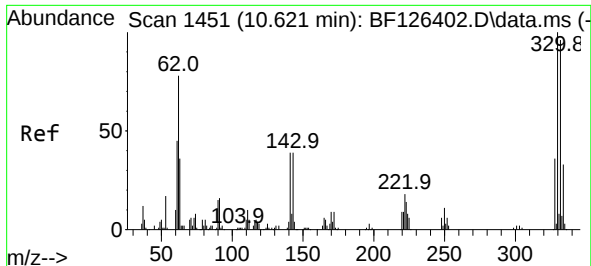
Tgt Ion: 82 Resp: 582013
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

Tgt Ion:164 Resp: 164414
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 46.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 142.788 ng

RT: 10.598 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126567.D

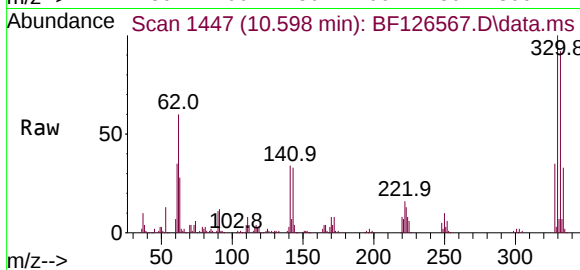
Acq: 10 Jan 2022 15:42

Instrument :

BNA_F

ClientSampleId :

20220019-CAPE-1-MODIFIED-ELUTRIATE



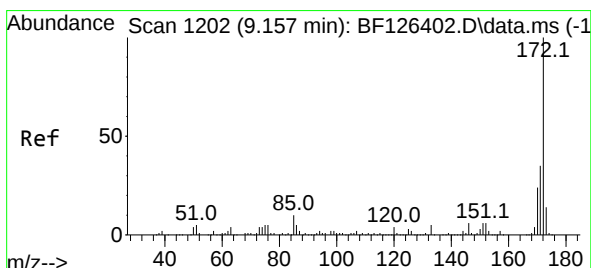
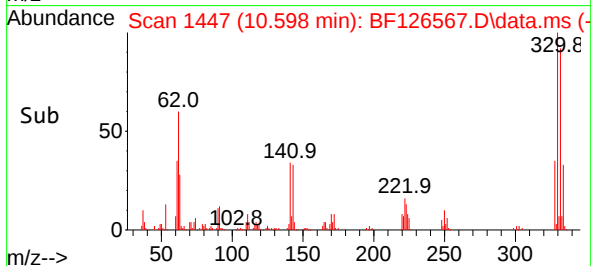
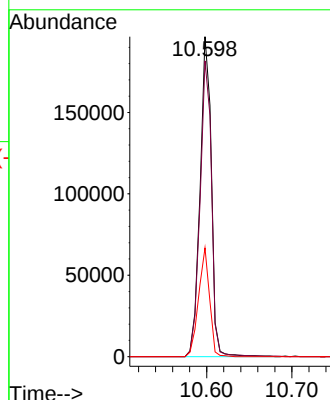
Tgt Ion:330 Resp: 181412

Ion Ratio Lower Upper

330 100

332 94.2 76.0 114.0

141 32.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 87.352 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126567.D

Acq: 10 Jan 2022 15:42

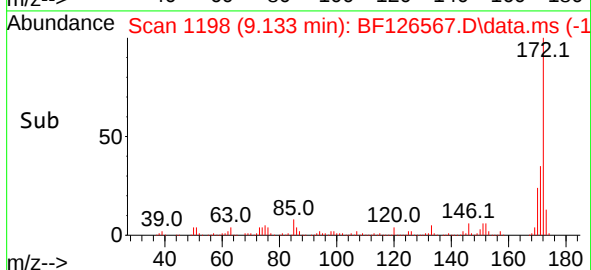
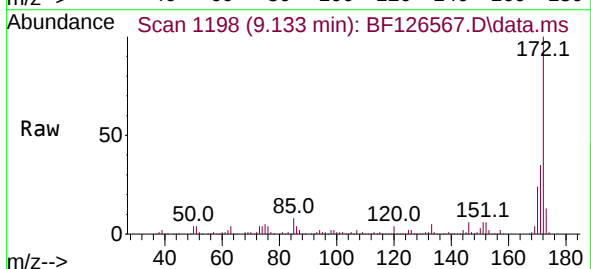
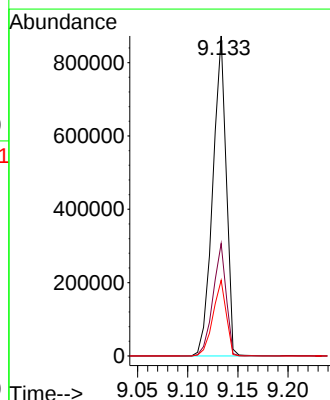
Tgt Ion:172 Resp: 816147

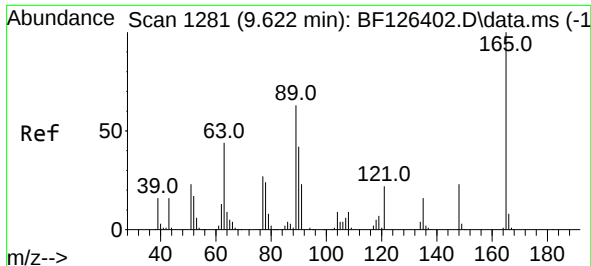
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.452 ng

RT: 9.810 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126567.D

Acq: 10 Jan 2022 15:42

Instrument :

BNA_F

ClientSampleId :

20220019-CAPE-1-MODIFIED-ELUTRIATE

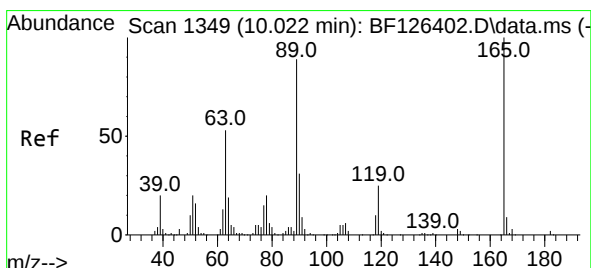
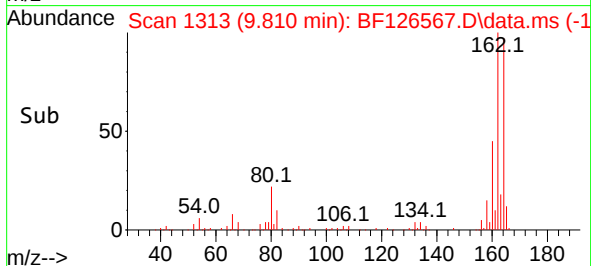
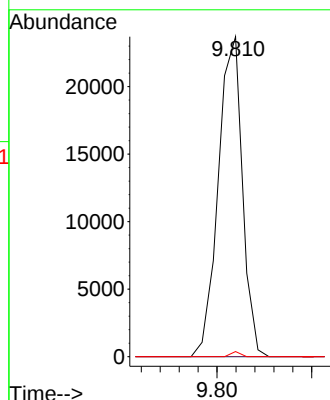
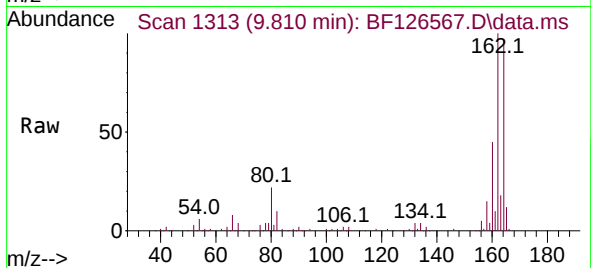
Tgt Ion:165 Resp: 20952

Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 1.6 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.326 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.194 min

Lab File: BF126567.D

Acq: 10 Jan 2022 15:42

Tgt Ion:165 Resp: 20952

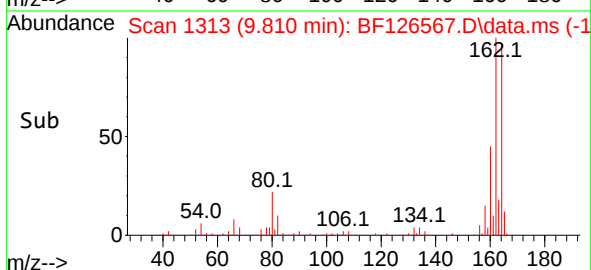
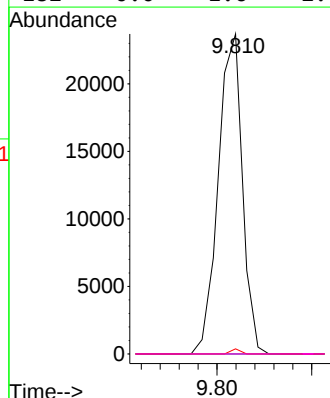
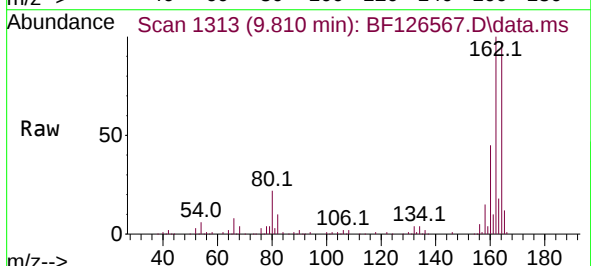
Ion Ratio Lower Upper

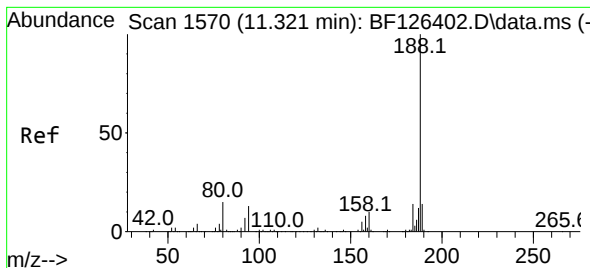
165 100

63 0.0 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126567.D

Acq: 10 Jan 2022 15:42

Instrument :

BNA_F

ClientSampleId :

20220019-CAPE-1-MODIFIED-ELUTRIATE

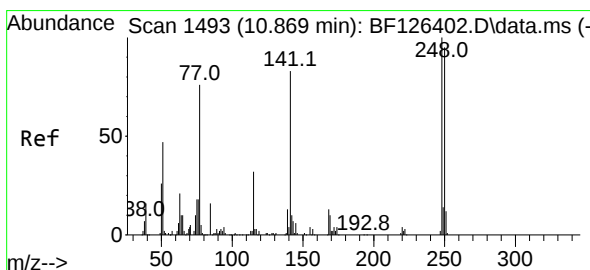
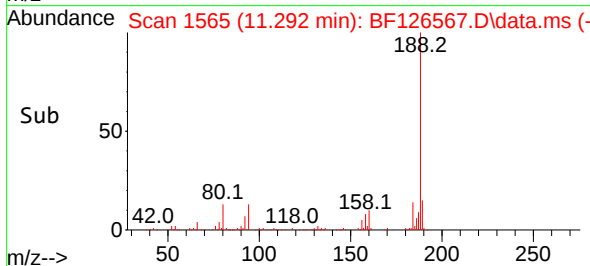
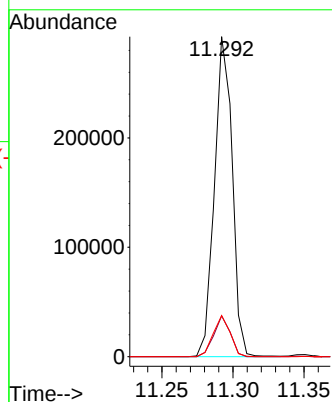
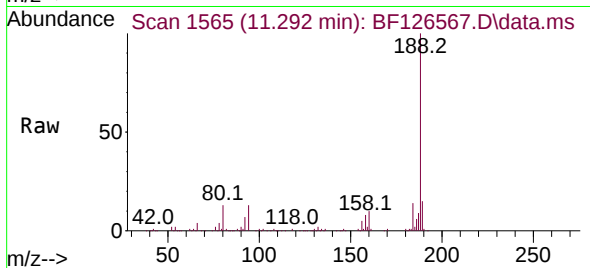
Tgt Ion:188 Resp: 254678

Ion Ratio Lower Upper

188 100

94 12.7 10.1 15.1

80 12.8 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 4.206 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.247 min

Lab File: BF126567.D

Acq: 10 Jan 2022 15:42

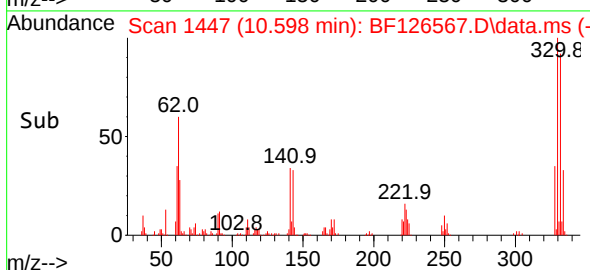
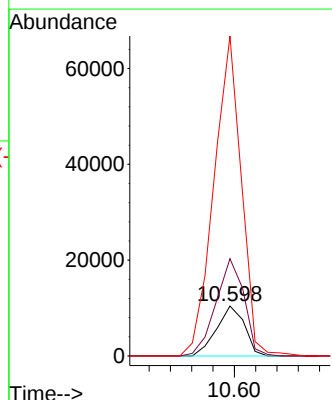
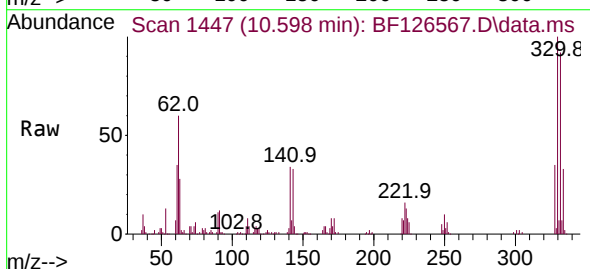
Tgt Ion:248 Resp: 9508

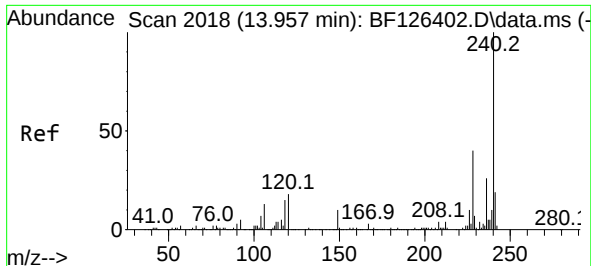
Ion Ratio Lower Upper

248 100

250 195.2 76.2 114.4#

141 641.7 66.2 99.4#

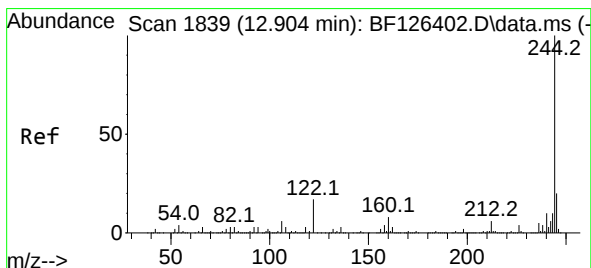
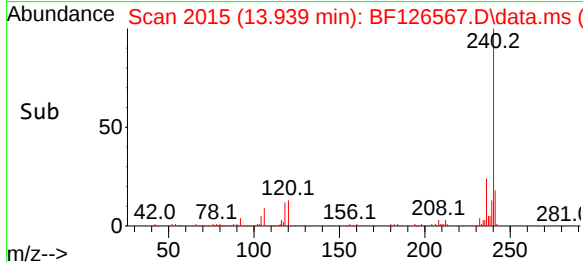
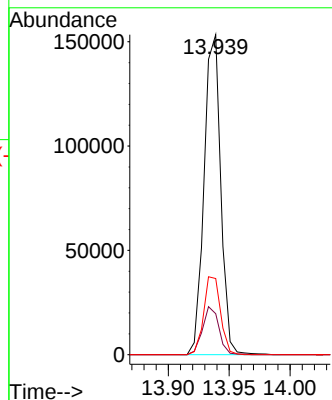
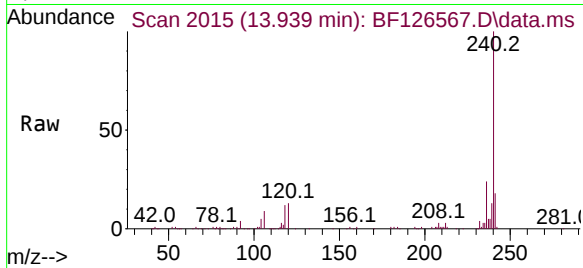




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

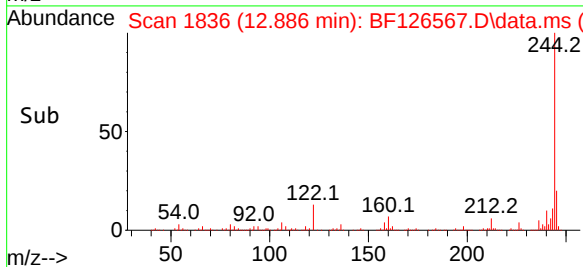
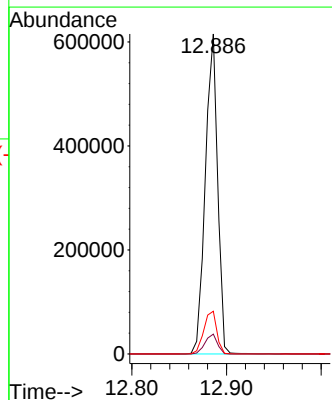
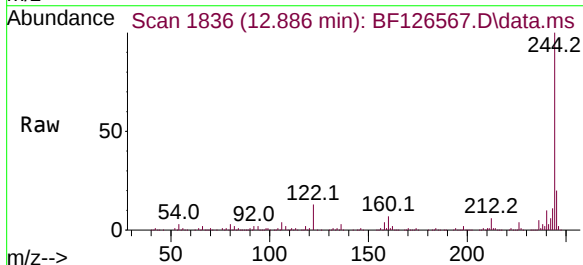
Instrument : BNA_F
ClientSampleId : 20220019-CAPE-1-MODIFIED-ELUTRIATE

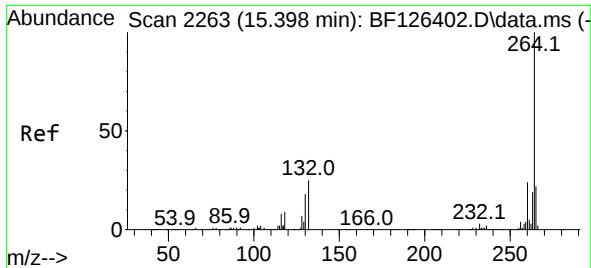
Tgt Ion:240 Resp: 146041
Ion Ratio Lower Upper
240 100
120 12.8 14.4 21.6#
236 23.8 20.5 30.7



#79
Terphenyl-d14
Concen: 73.707 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF126567.D
Acq: 10 Jan 2022 15:42

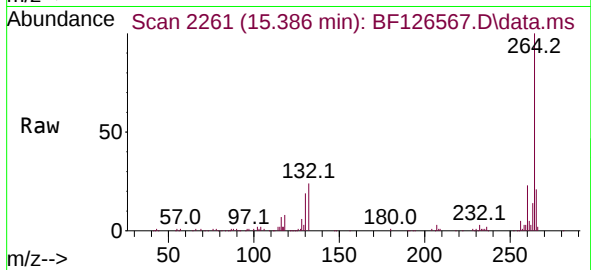
Tgt Ion:244 Resp: 554018
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 13.3 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126567.D
 Acq: 10 Jan 2022 15:42

Instrument :
 BNA_F
 ClientSampleId :
 20220019-CAPE-1-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 161524
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.8 17.4 26.2

