

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126574.D
 Acq On : 10 Jan 2022 18:49
 Operator : JU/CG
 Sample : N1054-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220023-CAPE-5-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:38:11 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)

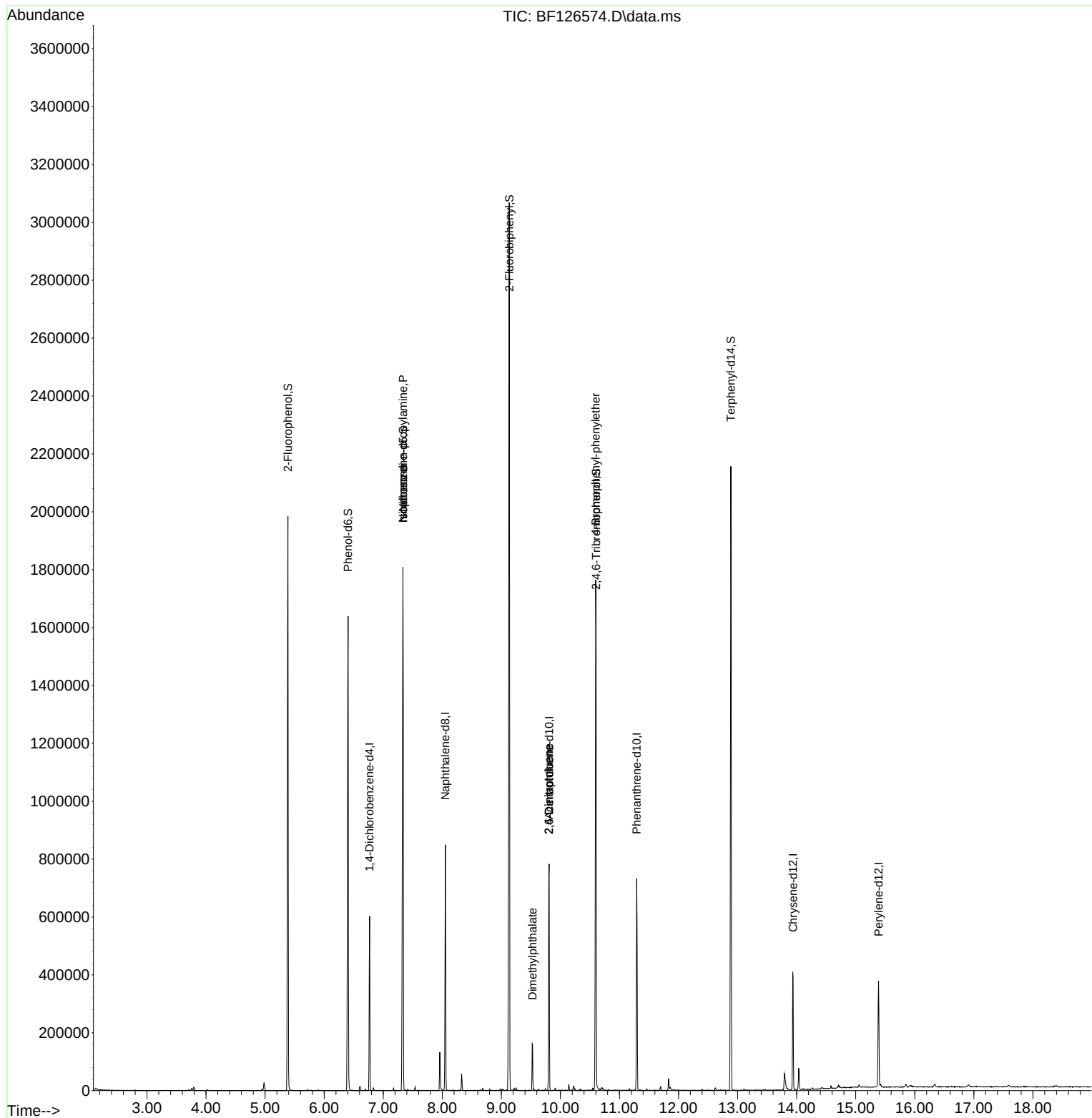
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	82747	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	351588	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	166203	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	258172	20.000	ng	0.00
76) Chrysene-d12	13.939	240	141255	20.000	ng	# 0.00
86) Perylene-d12	15.386	264	152571	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	562684	97.653	ng	0.00
7) Phenol-d6	6.404	99	595570	79.802	ng	0.00
23) Nitrobenzene-d5	7.334	82	706683	103.204	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	244382	190.280	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1008901	106.821	ng	0.00
79) Terphenyl-d14	12.886	244	767240	105.532	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	89060	20.912	ng	# 81
25) Isophorone	7.334	82	706484	57.635	ng	# 69
50) Dimethylphthalate	9.528	163	66195	6.380	ng	100
51) 2,6-Dinitrotoluene	9.804	165	21154	9.441	ng	# 21
57) 2,4-Dinitrotoluene	9.804	165	21154	7.317	ng	# 15
67) 4-Bromophenyl-phenylether	10.598	248	12528	5.467	ng	# 1
77) Benzidine	12.886	184	9937	Below Cal		95

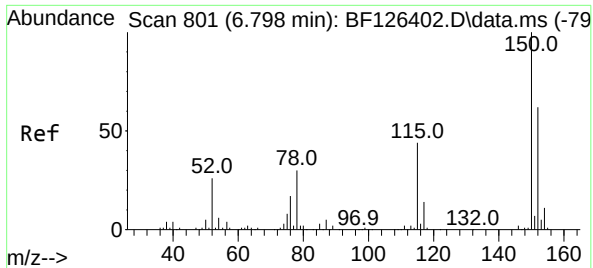
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126574.D
Acq On : 10 Jan 2022 18:49
Operator : JU/CG
Sample : N1054-16
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:38:11 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

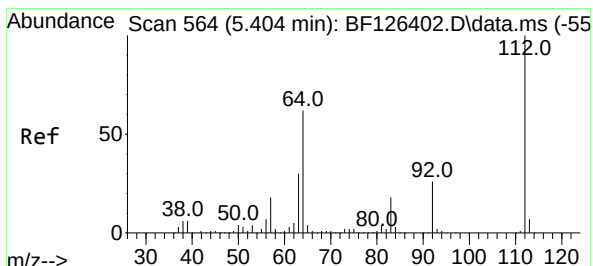
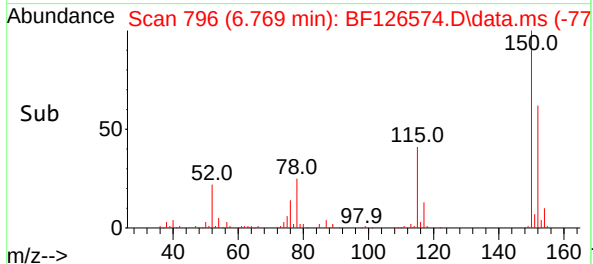
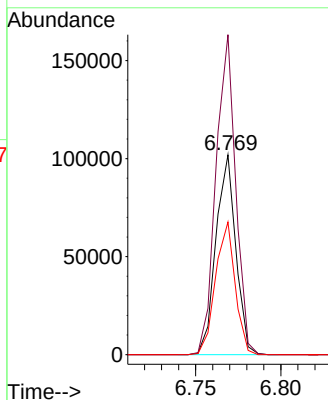
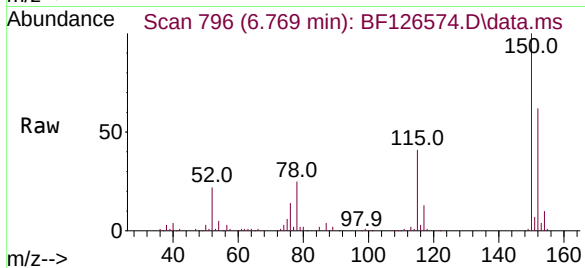




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

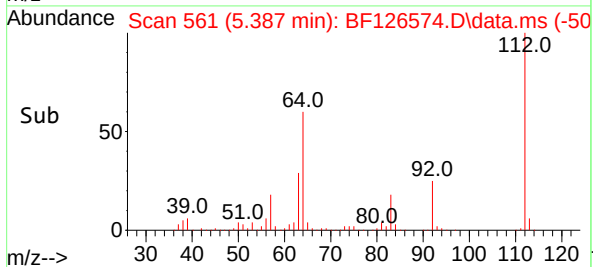
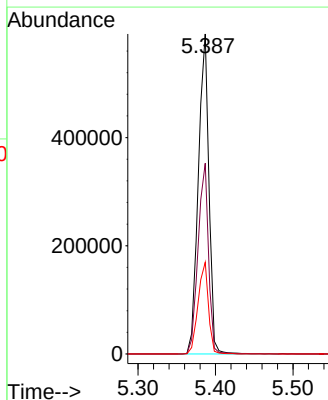
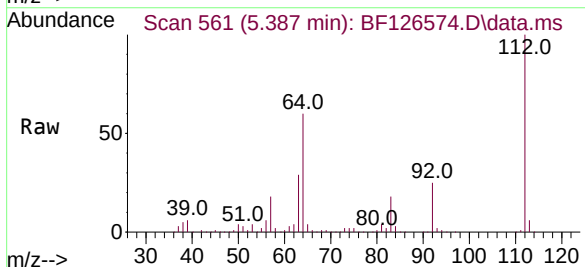
Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

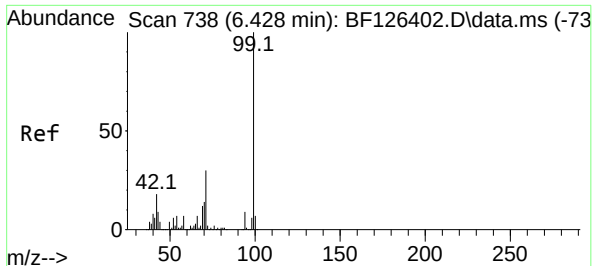
Tgt Ion:152 Resp: 82747
Ion Ratio Lower Upper
152 100
150 160.1 128.1 192.1
115 66.4 56.7 85.1



#5
2-Fluorophenol
Concen: 97.653 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

Tgt Ion:112 Resp: 562684
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 28.6 23.9 35.9

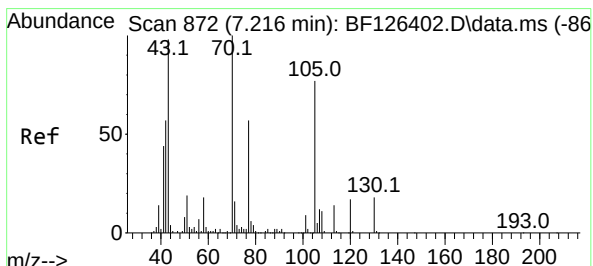
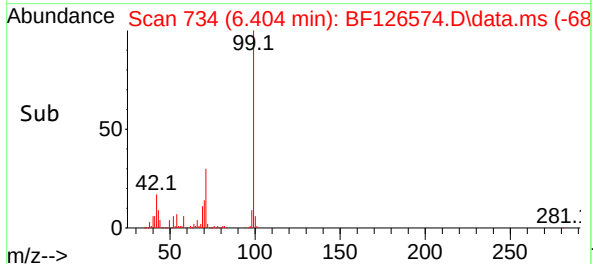
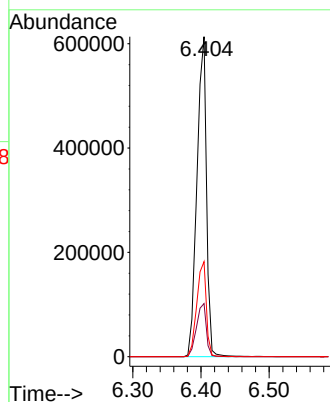
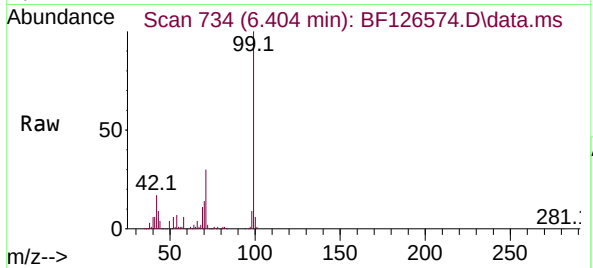




#7
Phenol-d6
Concen: 79.802 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

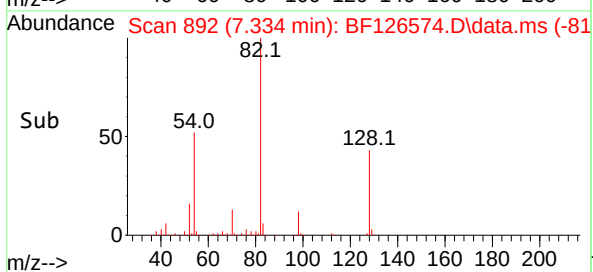
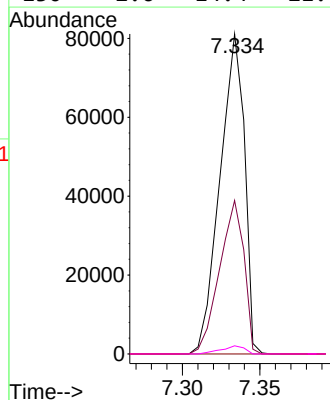
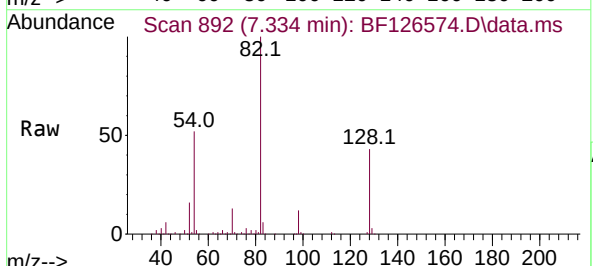
Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

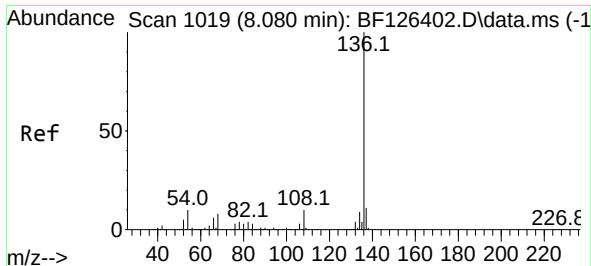
Tgt Ion: 99 Resp: 595570
Ion Ratio Lower Upper
99 100
42 16.6 14.2 21.4
71 29.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.912 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

Tgt Ion: 70 Resp: 89060
Ion Ratio Lower Upper
70 100
42 48.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.6 14.4 21.6#

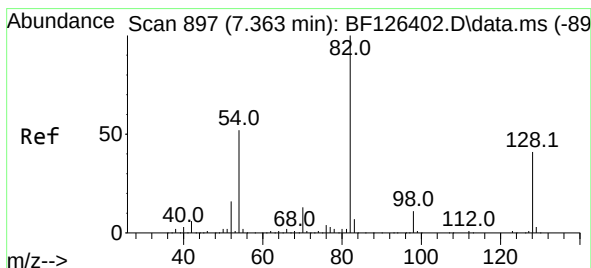
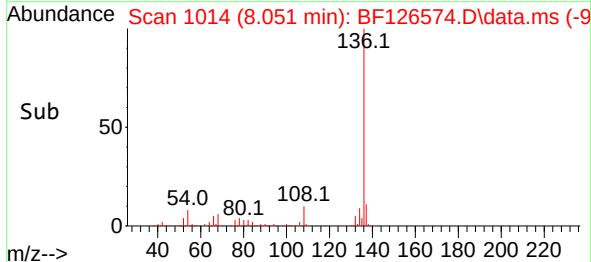
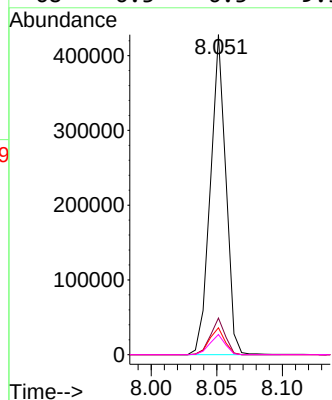
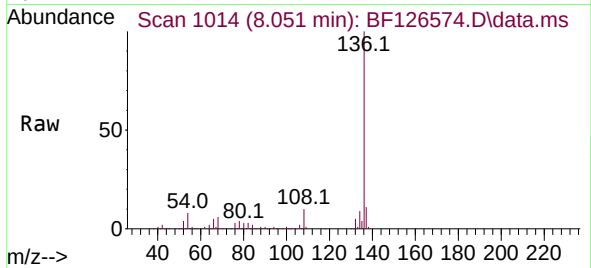




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

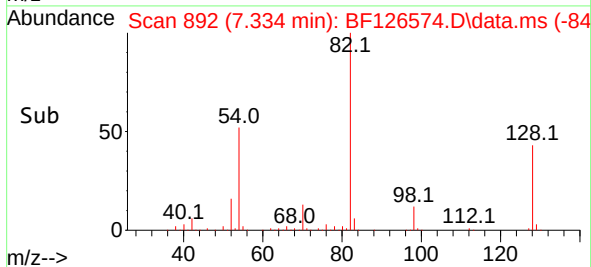
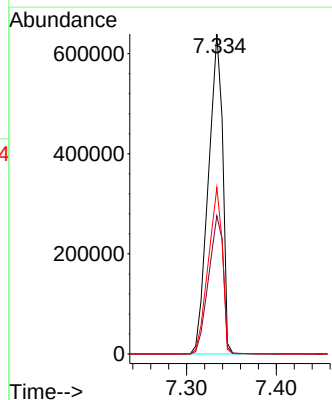
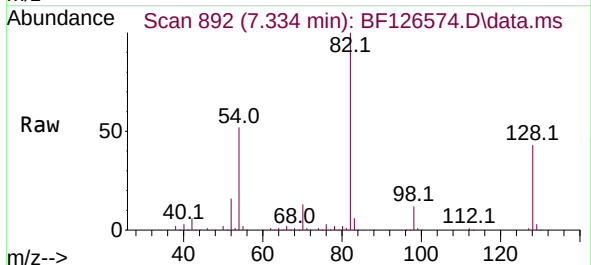
Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

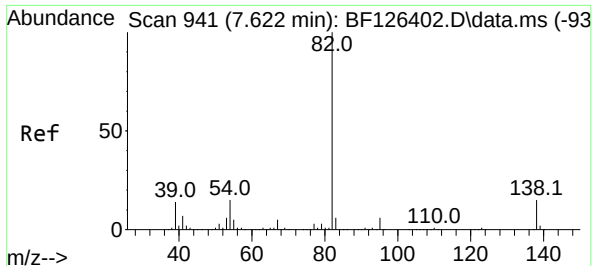
Tgt Ion:136	Resp:	351588	
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.4	7.8	11.6
68	6.3	6.3	9.5



#23
Nitrobenzene-d5
Concen: 103.204 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

Tgt Ion: 82	Resp: 706683
Ion Ratio	Lower Upper
82 100	
128 43.2	32.7 49.1
54 52.0	41.7 62.5

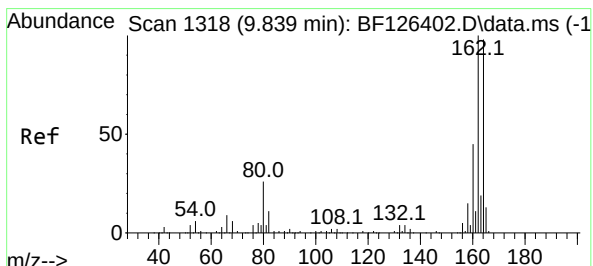
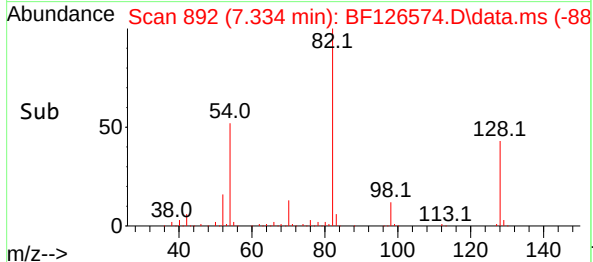
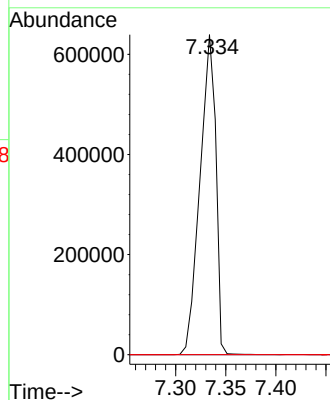
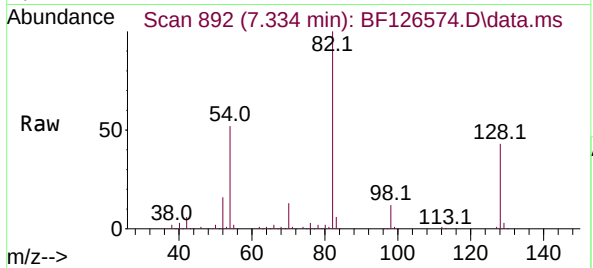




#25
Isophorone
Concen: 57.635 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

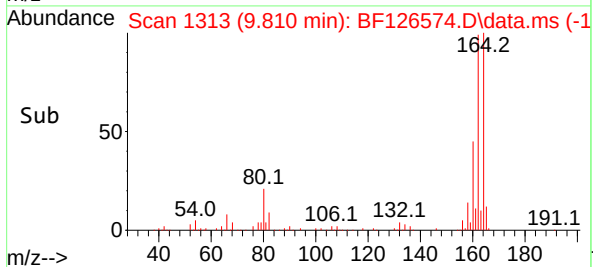
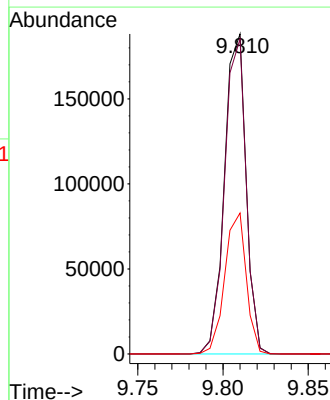
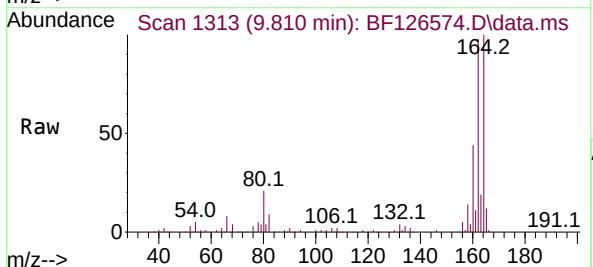
Instrument : BNA_F
ClientSampleId : 20220023-CAPE-5-MODIFIED-ELUTRIATE

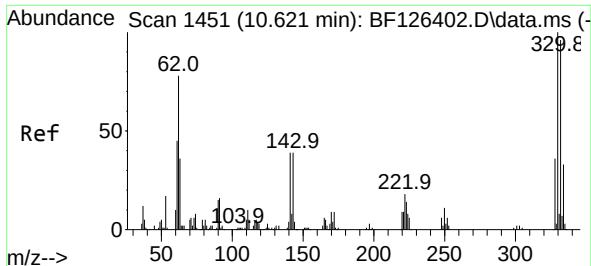
Tgt Ion: 82 Resp: 706484
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

Tgt Ion:164 Resp: 166203
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 44.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 190.280 ng

RT: 10.604 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126574.D

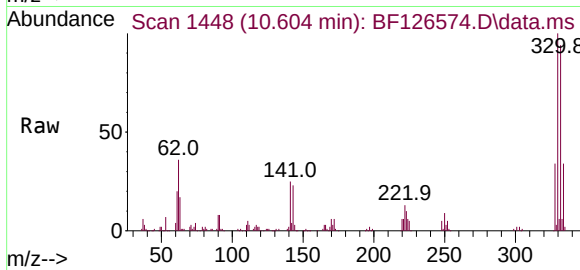
Acq: 10 Jan 2022 18:49

Instrument :

BNA_F

ClientSampleId :

20220023-CAPE-5-MODIFIED-ELUTRIATE



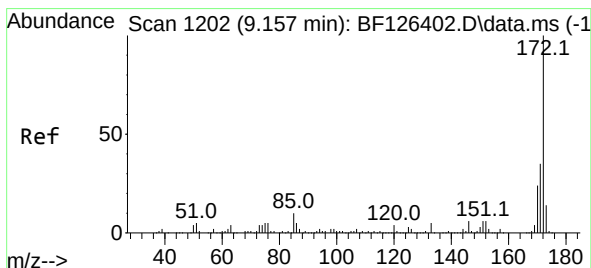
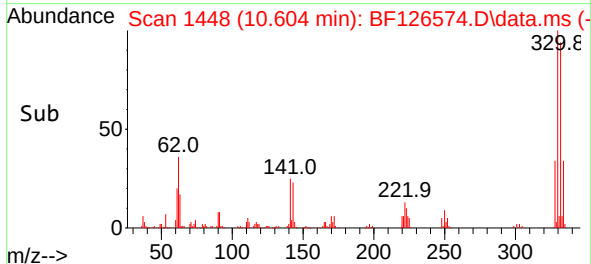
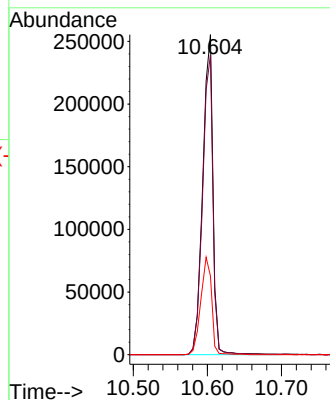
Tgt Ion:330 Resp: 244382

Ion Ratio Lower Upper

330 100

332 94.9 76.0 114.0

141 32.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 106.821 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126574.D

Acq: 10 Jan 2022 18:49

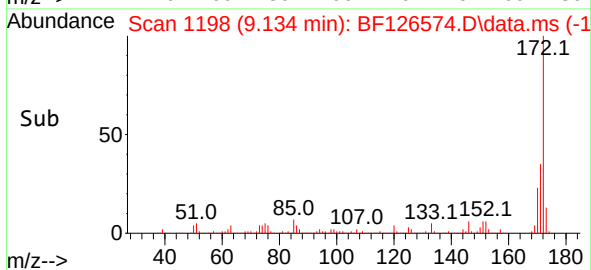
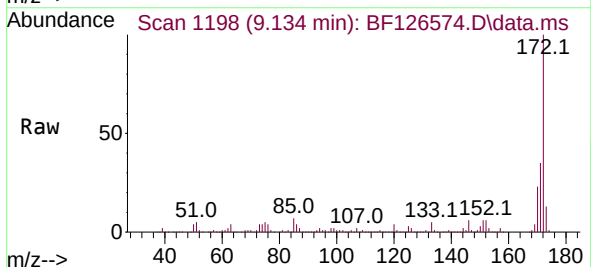
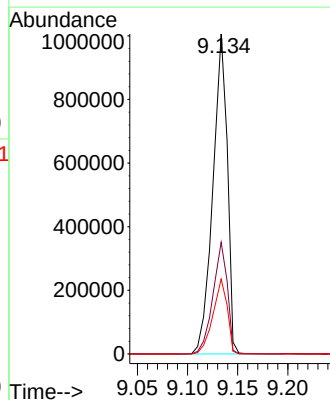
Tgt Ion:172 Resp: 1008901

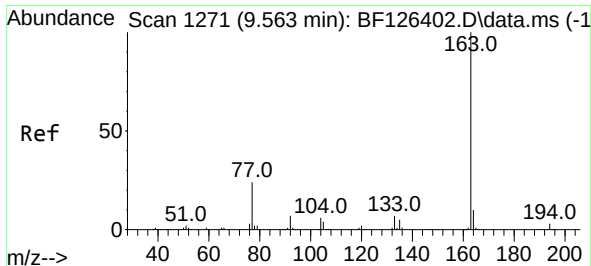
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.4 19.0 28.6

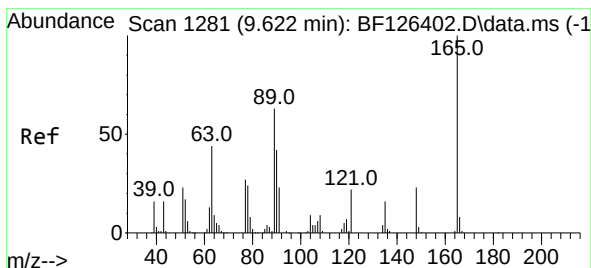
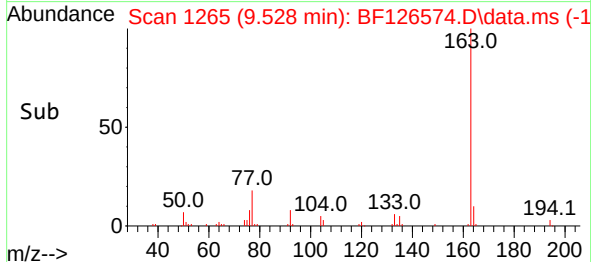
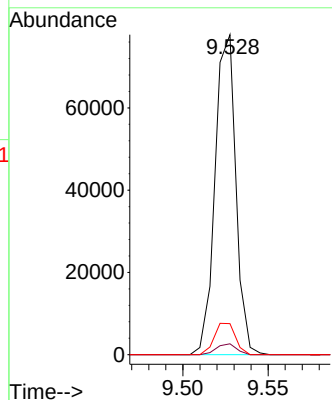
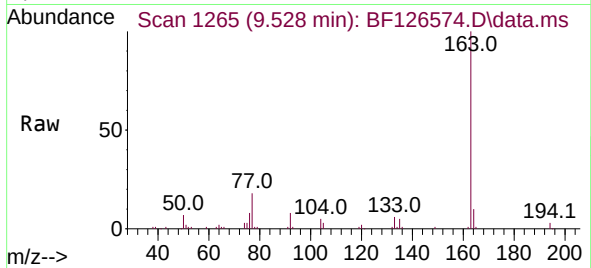




#50
Dimethylphthalate
Concen: 6.380 ng
RT: 9.528 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

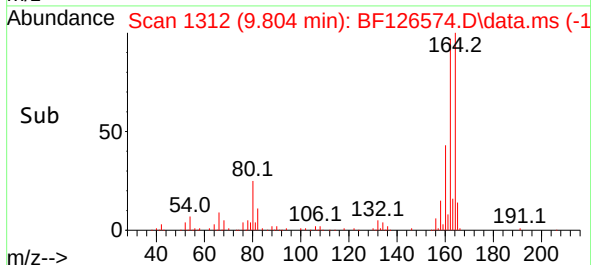
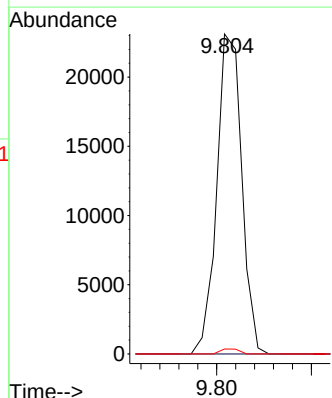
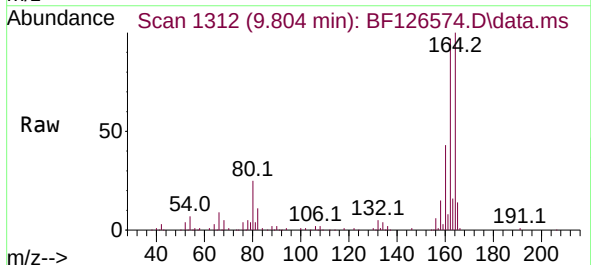
Instrument : BNA_F
ClientSampleId : 20220023-CAPE-5-MODIFIED-ELUTRIATE

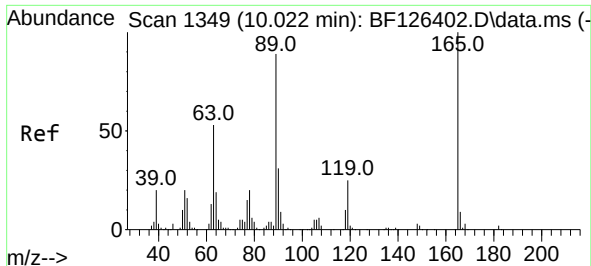
Tgt Ion:163 Resp: 66195
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.7 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.441 ng
RT: 9.804 min Scan# 1312
Delta R.T. 0.206 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

Tgt Ion:165 Resp: 21154
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.5 50.5 75.7#

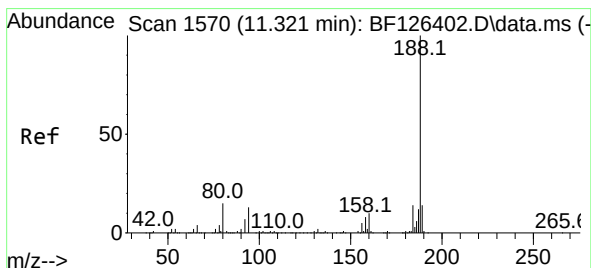
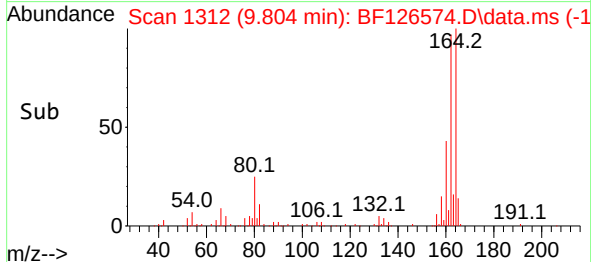
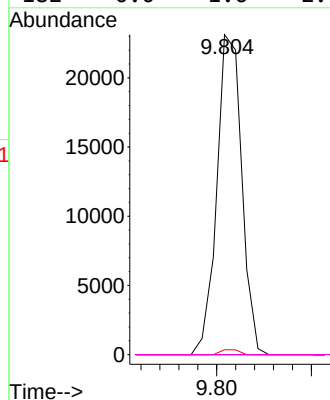
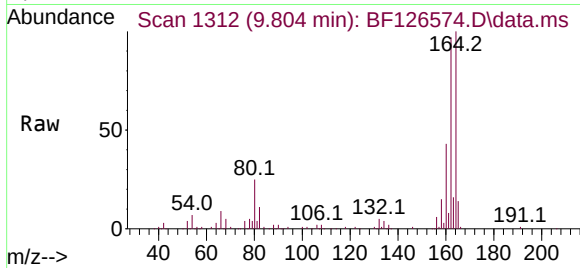




#57
2,4-Dinitrotoluene
Concen: 7.317 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

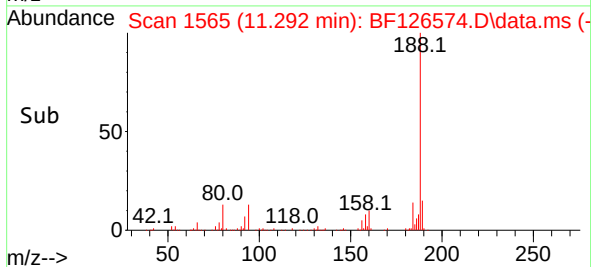
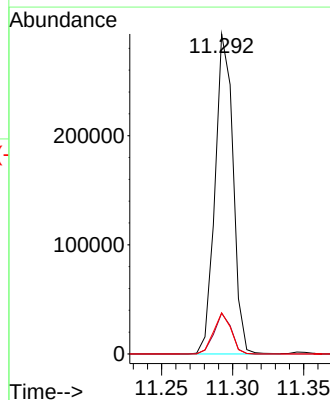
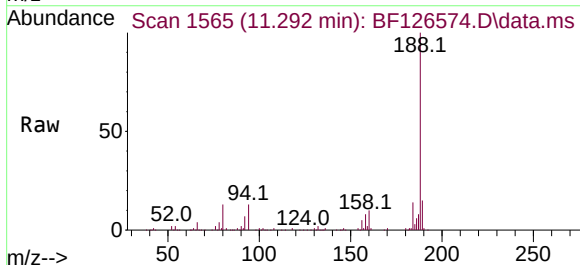
Instrument : BNA_F
ClientSampleId : 20220023-CAPE-5-MODIFIED-ELUTRIATE

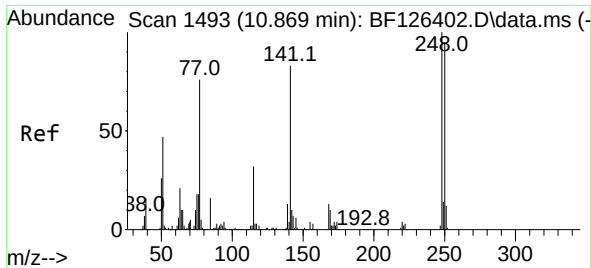
Tgt Ion:165	Resp:	21154
Ion Ratio	Lower	Upper
165	100	
63	0.0	43.0 64.6#
89	1.5	71.0 106.4#
182	0.0	1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

Tgt Ion:188	Resp:	258172
Ion Ratio	Lower	Upper
188	100	
94	12.7	10.1 15.1
80	12.9	11.8 17.6

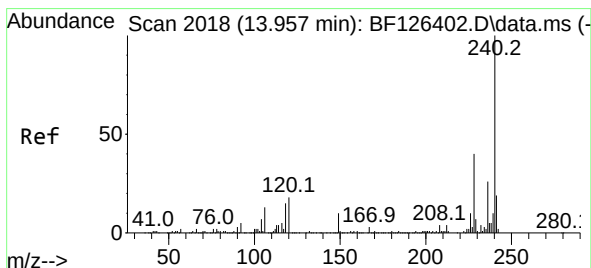
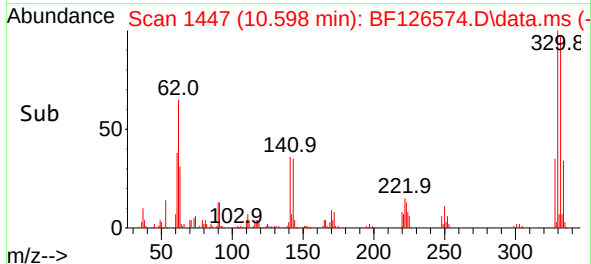
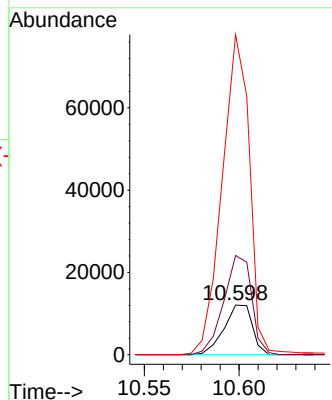
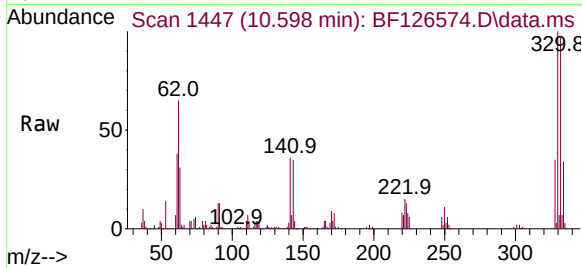




#67
4-Bromophenyl-phenylether
Concen: 5.467 ng
RT: 10.598 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

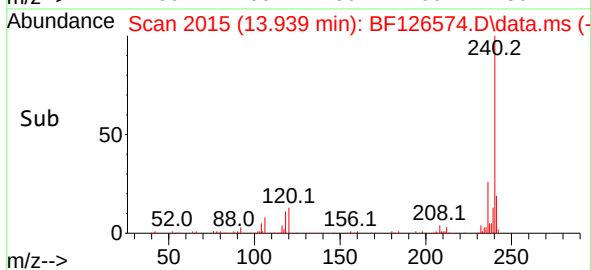
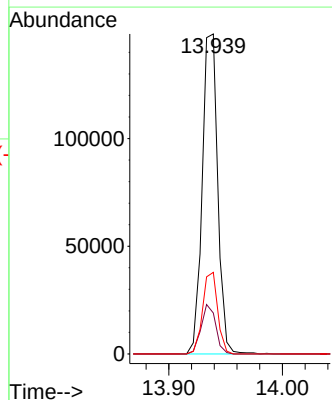
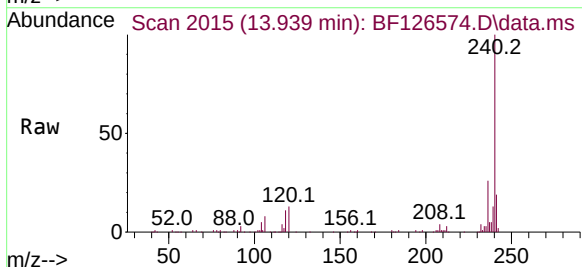
Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

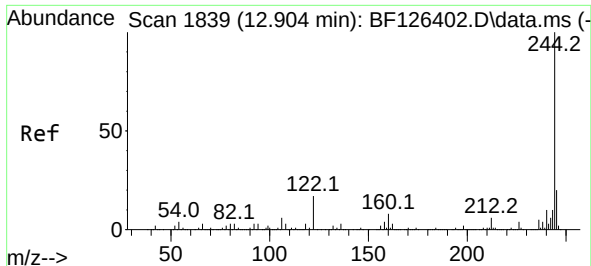
Tgt Ion:248 Resp: 12528
Ion Ratio Lower Upper
248 100
250 200.0 76.2 114.4#
141 645.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126574.D
Acq: 10 Jan 2022 18:49

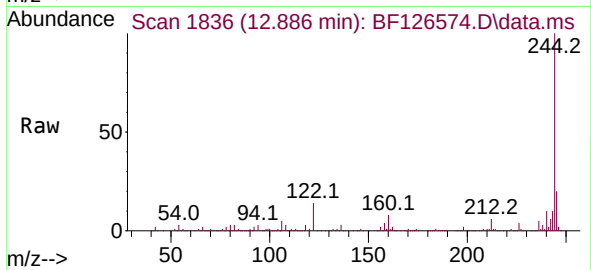
Tgt Ion:240 Resp: 141255
Ion Ratio Lower Upper
240 100
120 12.8 14.4 21.6#
236 25.5 20.5 30.7



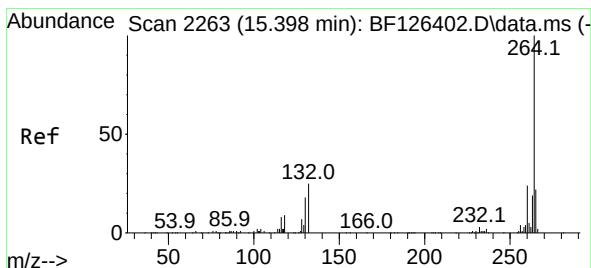
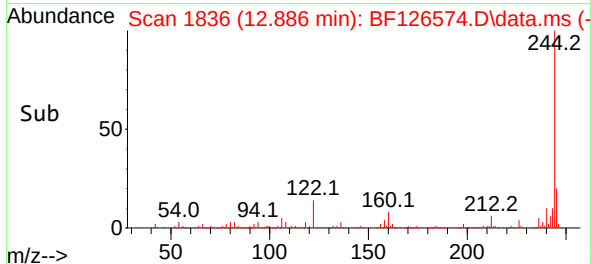
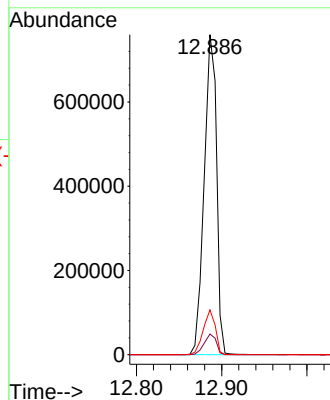


#79
 Terphenyl-d14
 Concen: 105.532 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF126574.D
 Acq: 10 Jan 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 20220023-CAPE-5-MODIFIED-ELUTRIATE



Tgt Ion:244 Resp: 767240
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 14.0 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2261
 Delta R.T. -0.012 min
 Lab File: BF126574.D
 Acq: 10 Jan 2022 18:49

Tgt Ion:264 Resp: 152571
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 19.8 17.4 26.2

