

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126575.D
 Acq On : 10 Jan 2022 19:16
 Operator : JU/CG
 Sample : N1054-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Jan 11 01:38:20 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)

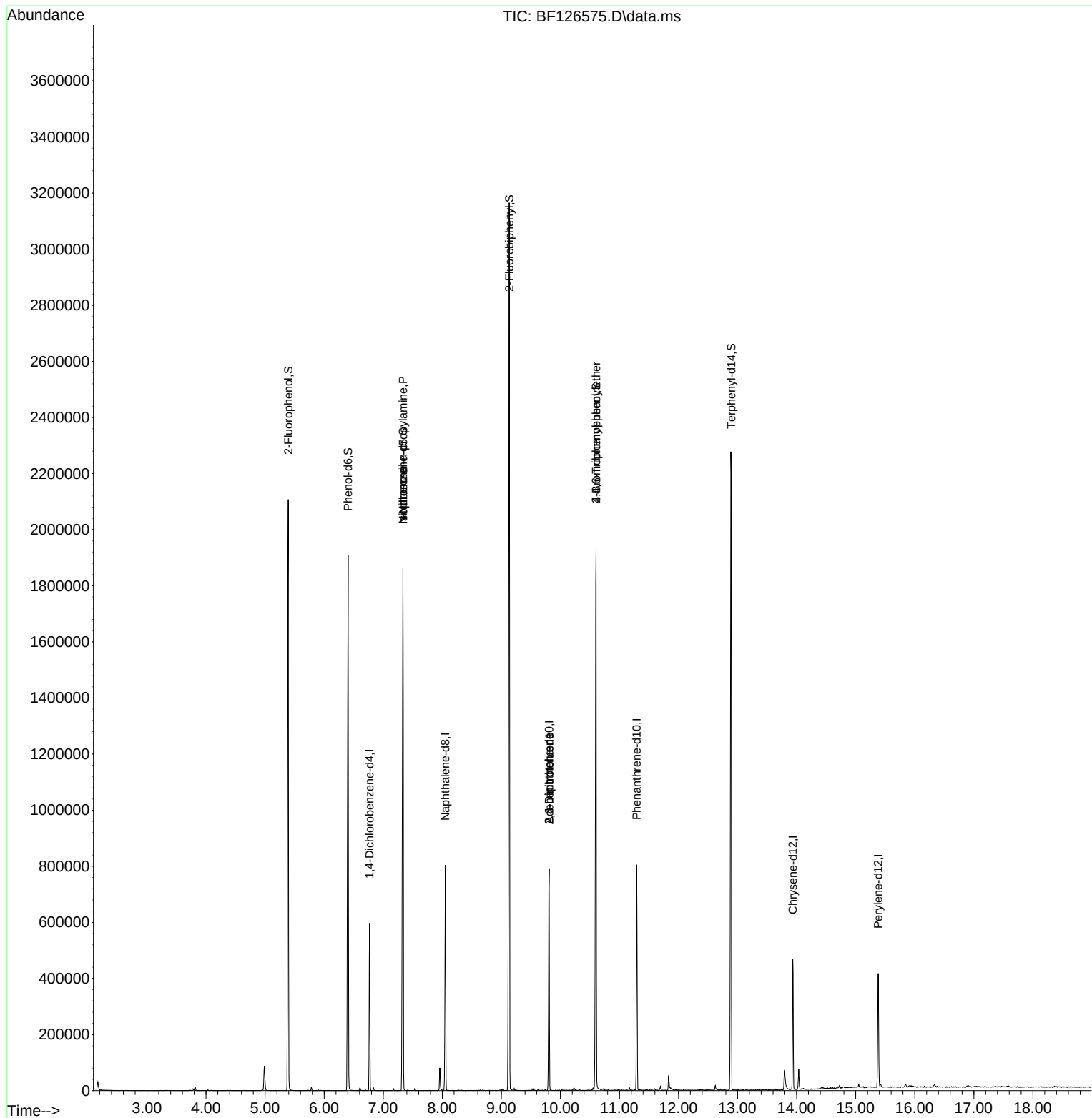
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	83918	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	359713	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	170918	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	269017	20.000	ng	0.00
76) Chrysene-d12	13.933	240	157896	20.000	ng	-0.01
86) Perylene-d12	15.380	264	159252	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	620416	106.170	ng	0.01
7) Phenol-d6	6.404	99	681227	90.006	ng	0.00
23) Nitrobenzene-d5	7.334	82	770952	110.047	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	277404	210.034	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1120088	115.321	ng	0.00
79) Terphenyl-d14	12.892	244	881124	108.424	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	96976	22.453	ng	# 79
25) Isophorone	7.334	82	770523	61.440	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	21696	9.415	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	21696	7.298	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	14156	5.928	ng	# 1
77) Benzidine	12.886	184	10914	Below Cal		# 97

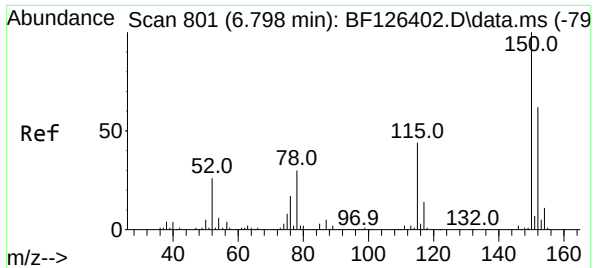
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
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20220024-CAPE-6-MODIFIED-ELUTRIATE

Quant Time: Jan 11 01:38:20 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

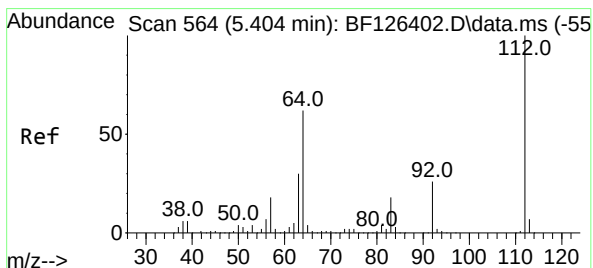
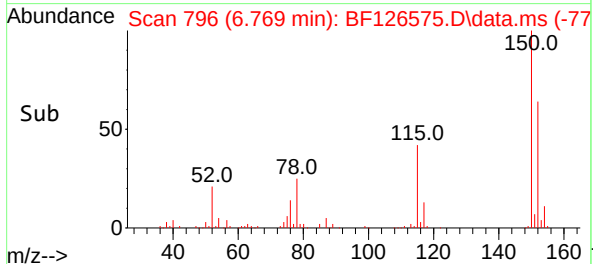
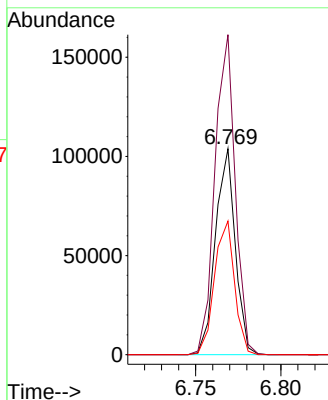
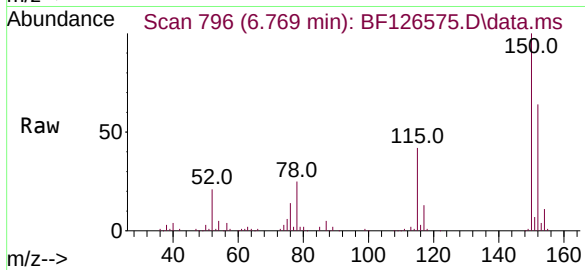




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

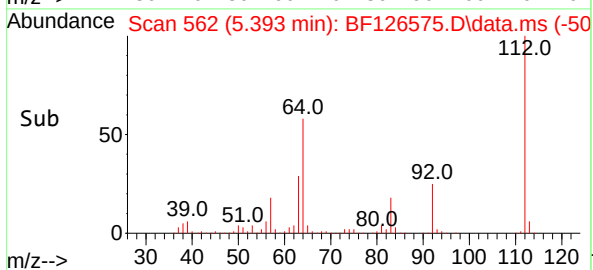
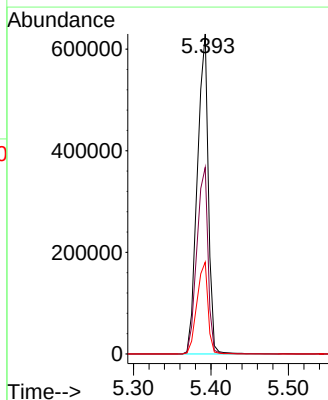
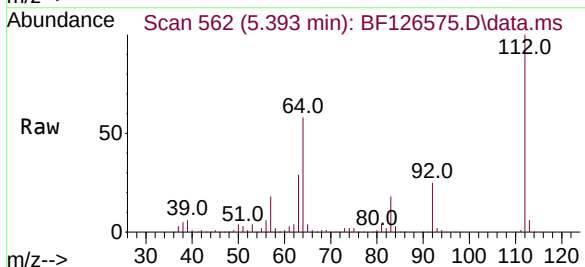
Instrument :
BNA_F
ClientSampleId :
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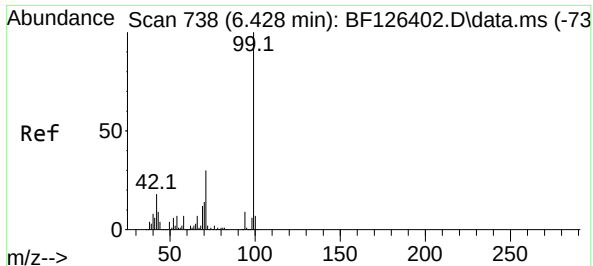
Tgt Ion:152 Resp: 83918
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 64.9 56.7 85.1



#5
2-Fluorophenol
Concen: 106.170 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

Tgt Ion:112 Resp: 620416
Ion Ratio Lower Upper
112 100
64 58.3 49.5 74.3
63 28.7 23.9 35.9

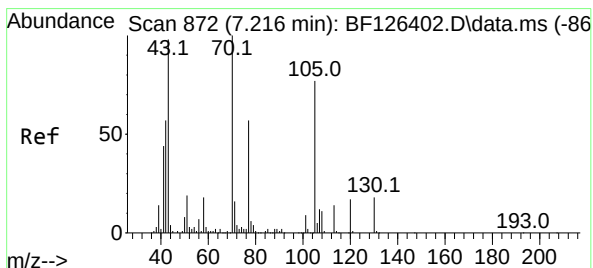
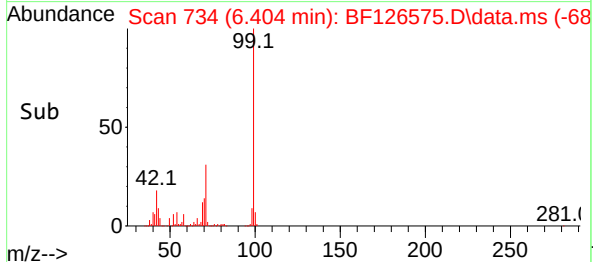
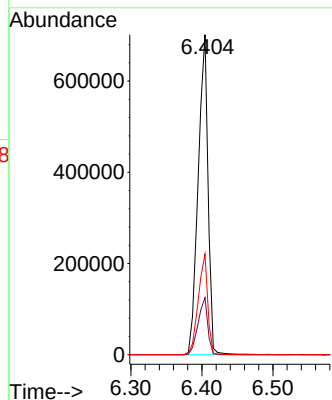
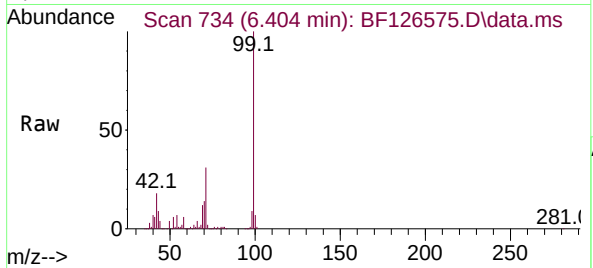




#7
Phenol-d6
Concen: 90.006 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

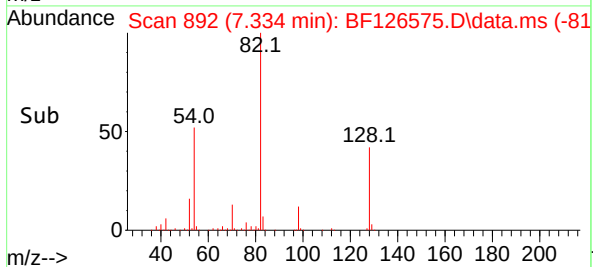
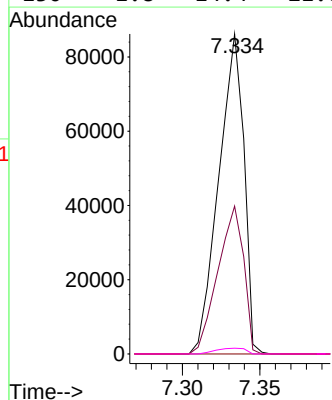
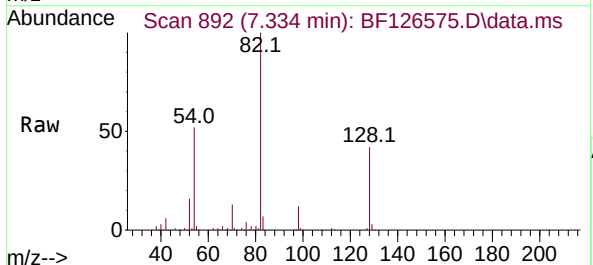
Instrument :
BNA_F
ClientSampleId :
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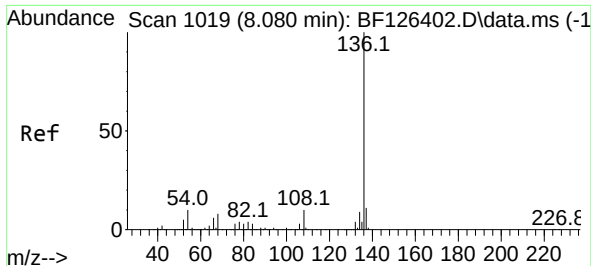
Tgt Ion: 99 Resp: 681227
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 31.4 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 22.453 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

Tgt Ion: 70 Resp: 96976
Ion Ratio Lower Upper
70 100
42 46.2 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

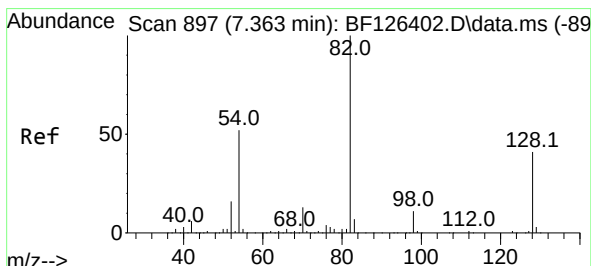
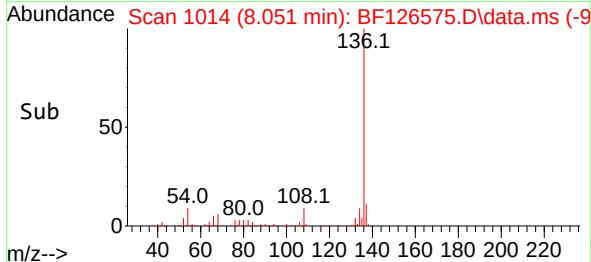
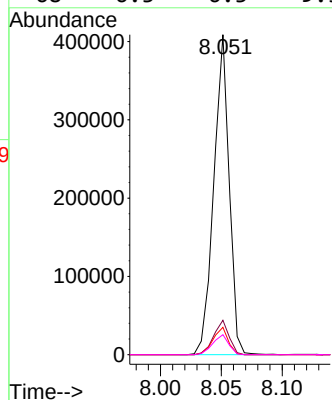
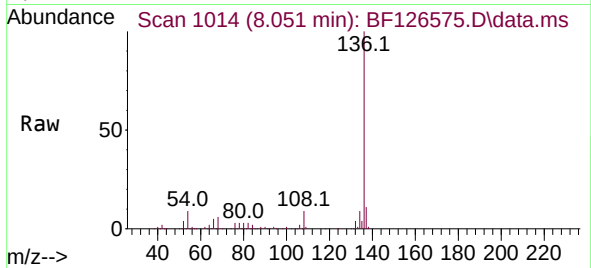




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

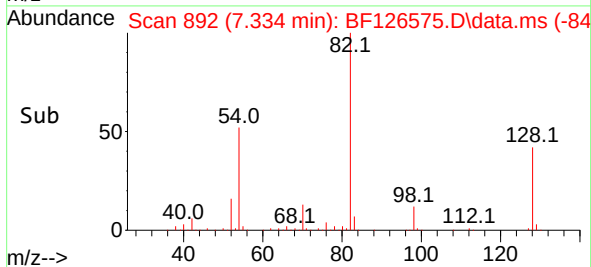
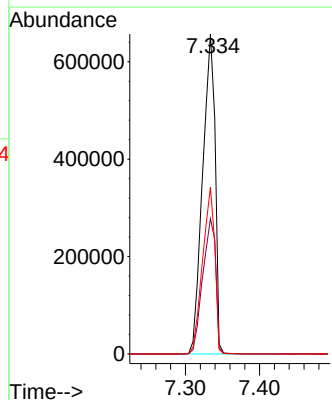
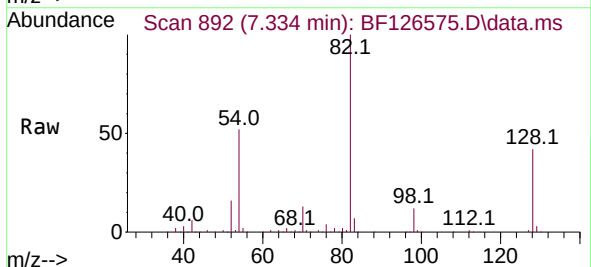
Instrument :
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ClientSampleId :
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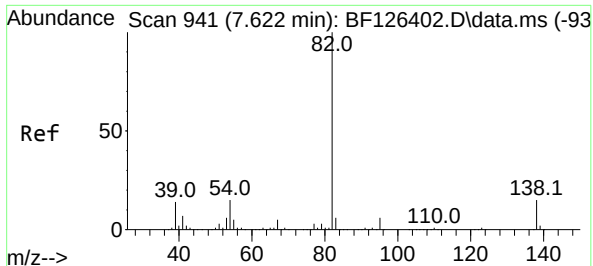
Tgt Ion:136 Resp: 359713
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.8 11.6
68 6.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 110.047 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

Tgt Ion: 82 Resp: 770952
Ion Ratio Lower Upper
82 100
128 42.2 32.7 49.1
54 52.2 41.7 62.5

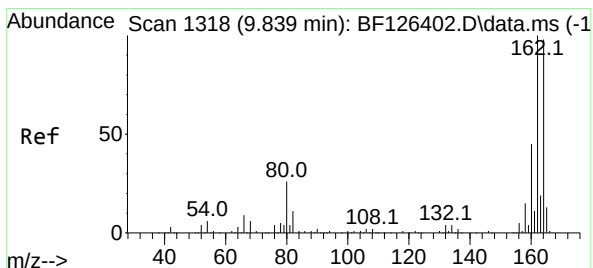
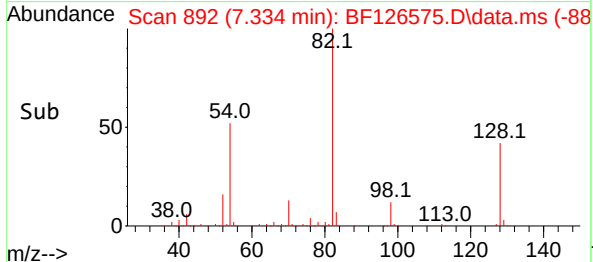
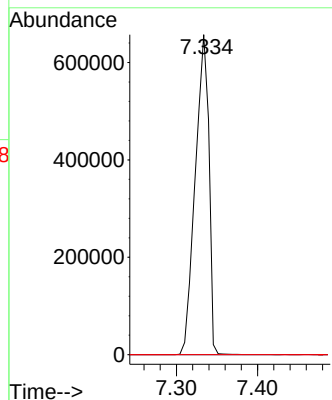
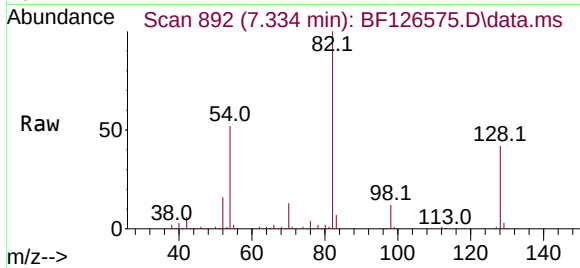




#25
Isophorone
Concen: 61.440 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

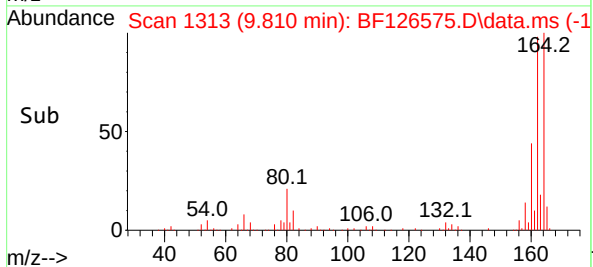
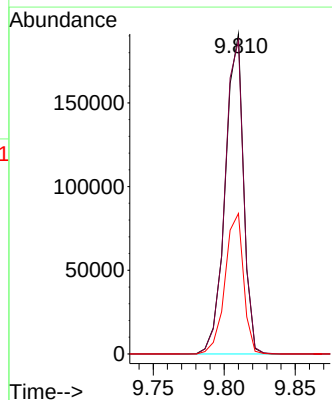
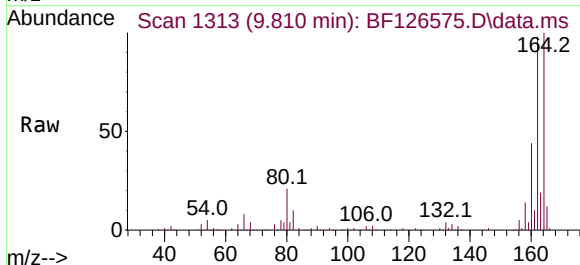
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BNA_F
ClientSampleId :
20220024-CAPE-6-MODIFIED-ELUTRIATE

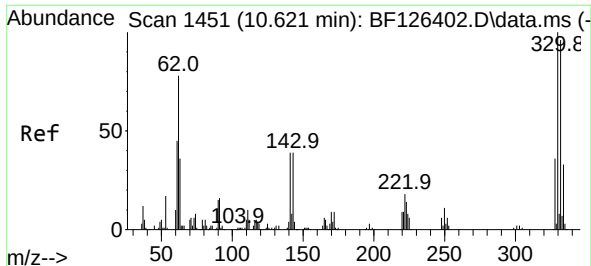
Tgt Ion: 82 Resp: 770523
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

Tgt Ion:164 Resp: 170918
Ion Ratio Lower Upper
164 100
162 98.0 81.4 122.0
160 43.9 36.6 54.8

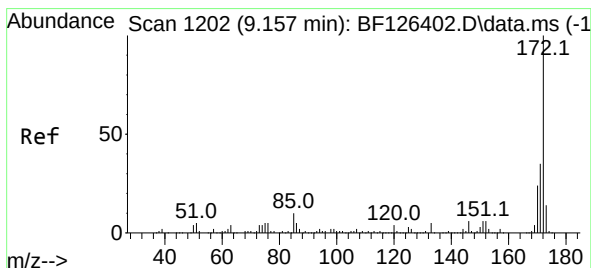
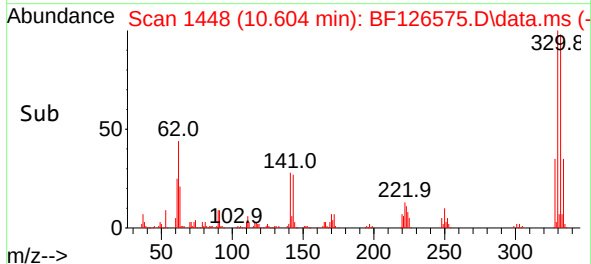
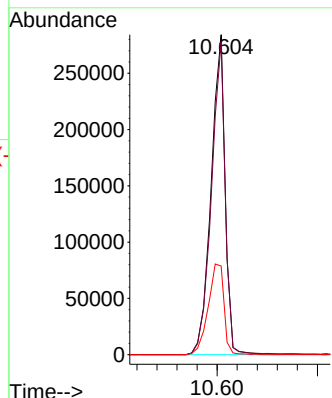
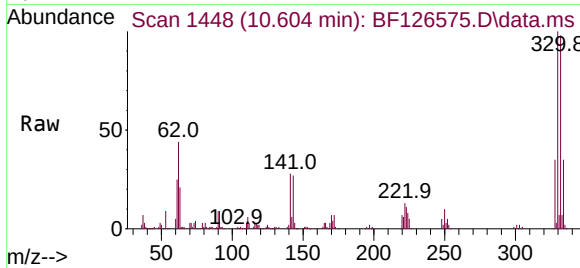




#42
2,4,6-Tribromophenol
Concen: 210.034 ng
RT: 10.604 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

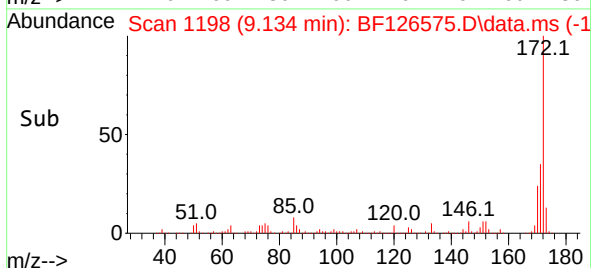
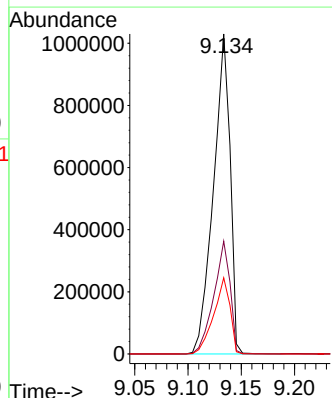
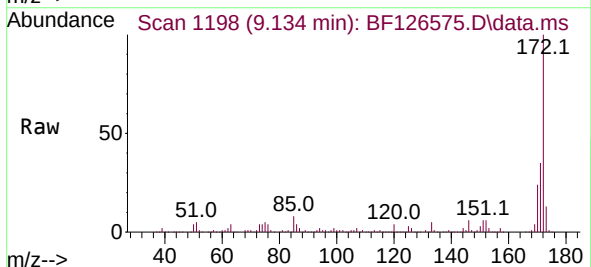
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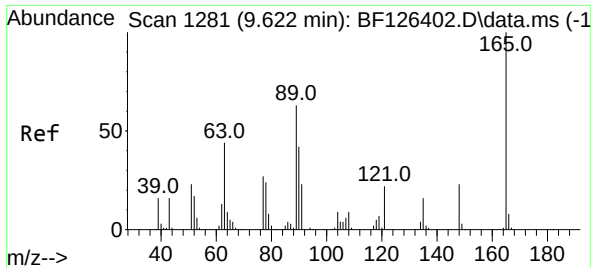
Tgt Ion: 330 Resp: 277404
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 31.9 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 115.321 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

Tgt Ion: 172 Resp: 1120088
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 19.0 28.6

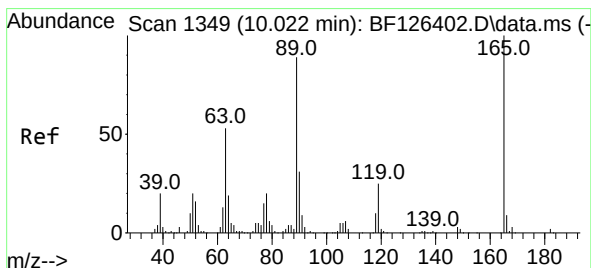
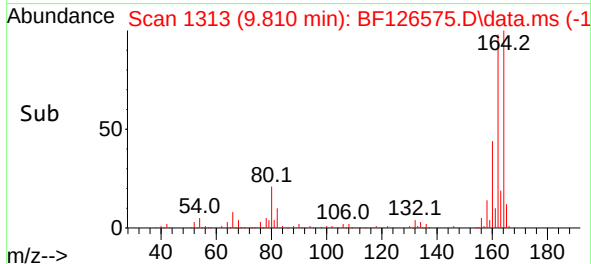
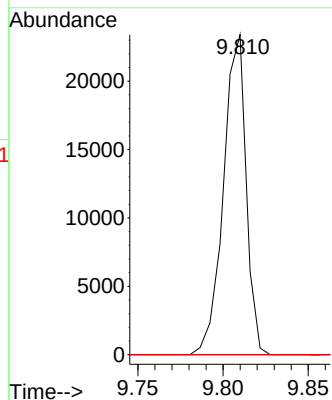
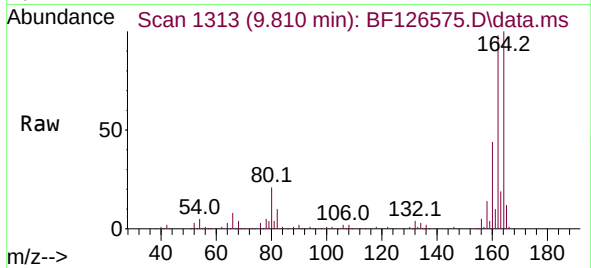




#51
2,6-Dinitrotoluene
Concen: 9.415 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

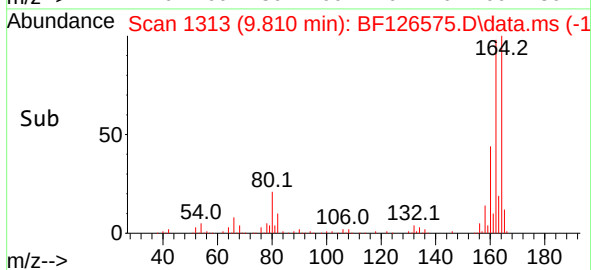
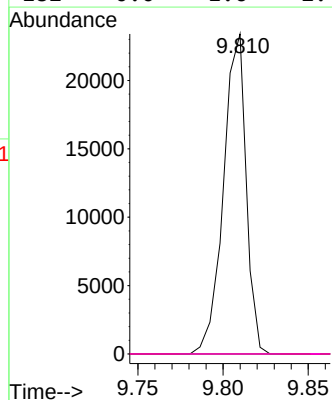
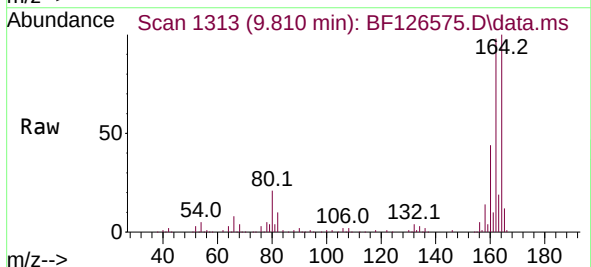
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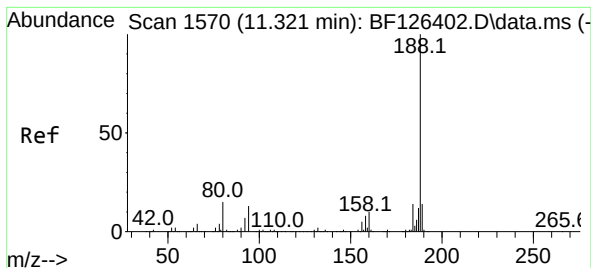
Tgt Ion:165 Resp: 21696
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.298 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

Tgt Ion:165 Resp: 21696
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: BF126575.D

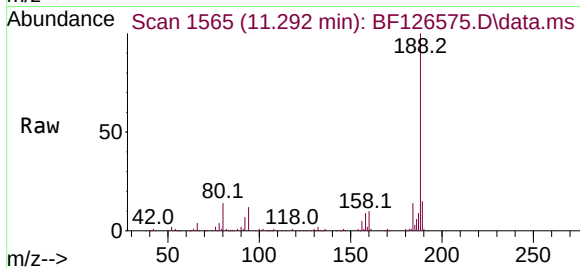
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Instrument :

BNA_F

ClientSampleId :

20220024-CAPE-6-MODIFIED-ELUTRIATE



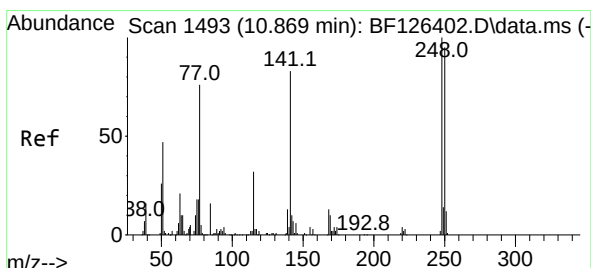
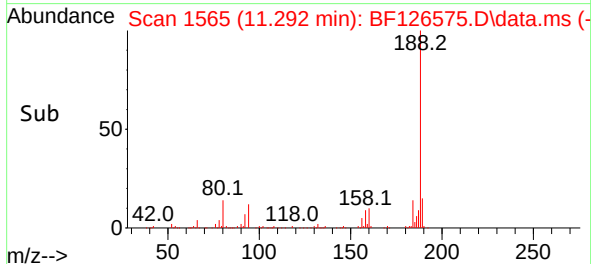
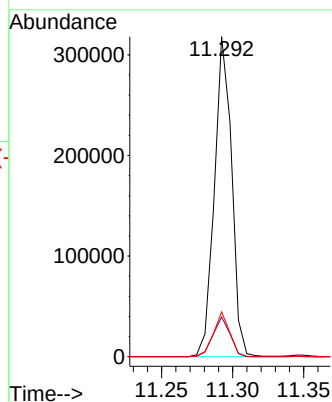
Tgt Ion:188 Resp: 269017

Ion Ratio Lower Upper

188 100

94 12.4 10.1 15.1

80 14.0 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 5.928 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.241 min

Lab File: BF126575.D

Acq: 10 Jan 2022 19:16

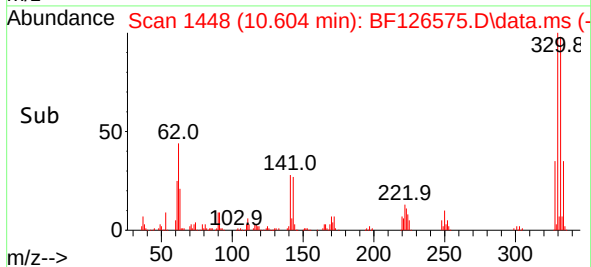
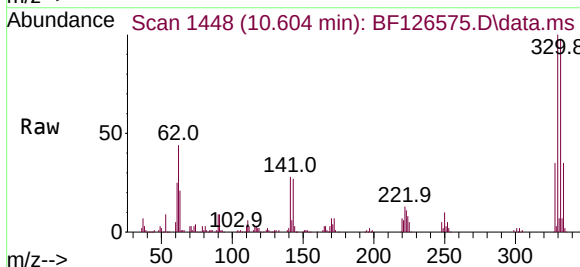
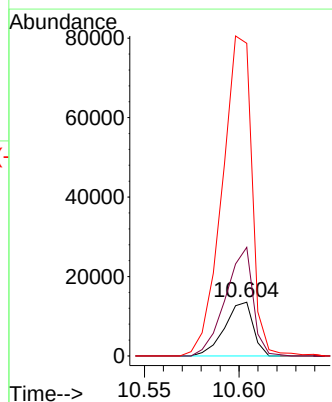
Tgt Ion:248 Resp: 14156

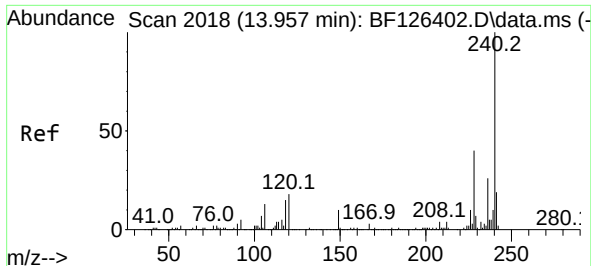
Ion Ratio Lower Upper

248 100

250 201.9 76.2 114.4#

141 580.9 66.2 99.4#

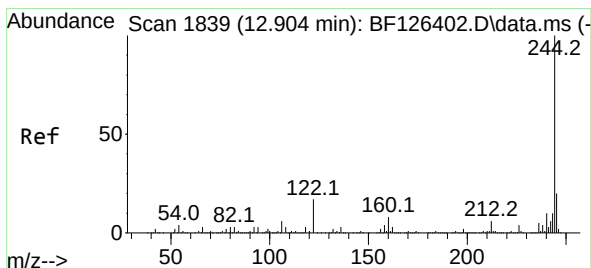
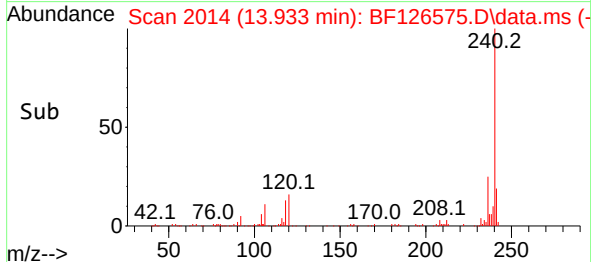
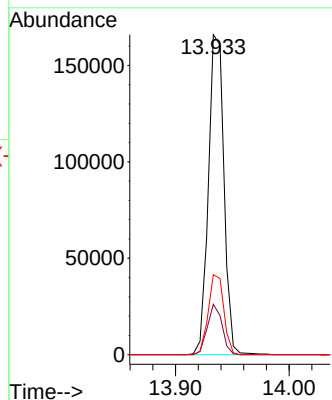
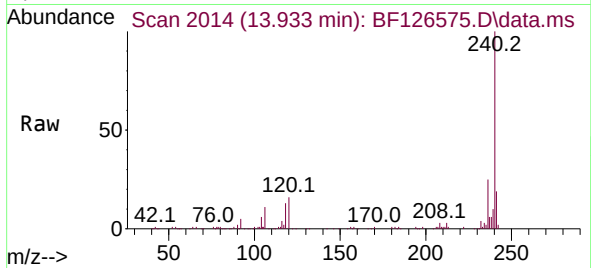




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

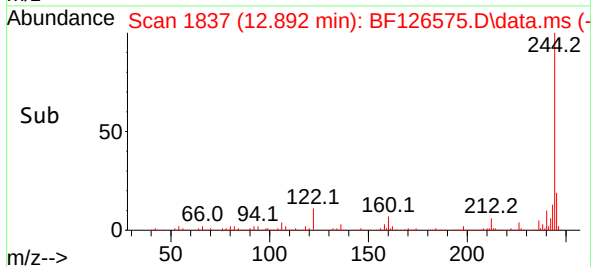
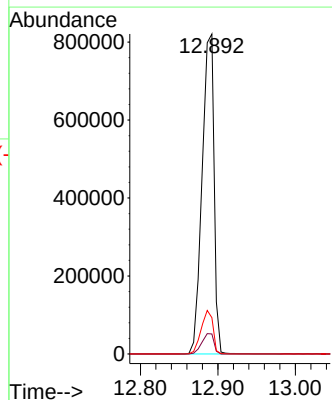
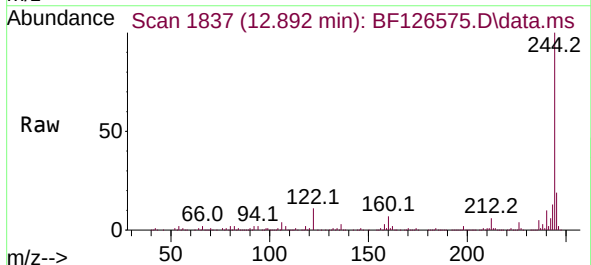
Instrument :
BNA_F
ClientSampleId :
20220024-CAPE-6-MODIFIED-ELUTRIATE

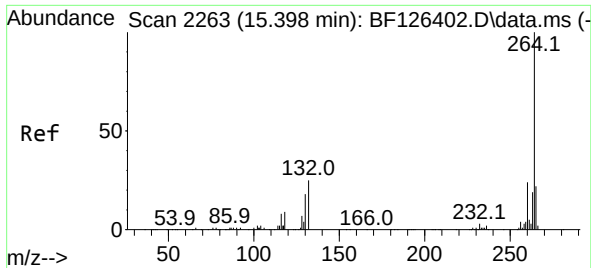
Tgt Ion:240 Resp: 157896
Ion Ratio Lower Upper
240 100
120 15.8 14.4 21.6
236 25.0 20.5 30.7



#79
Terphenyl-d14
Concen: 108.424 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

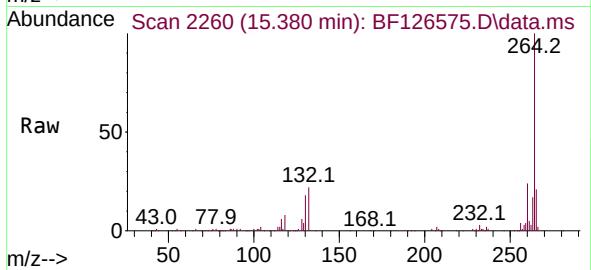
Tgt Ion:244 Resp: 881124
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.4 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF126575.D
Acq: 10 Jan 2022 19:16

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



Tgt Ion:264 Resp: 159252
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.6 17.4 26.2

