

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126589.D
 Acq On : 11 Jan 2022 13:53
 Operator : JU/CG
 Sample : N1054-15RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 11 17:04:41 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)

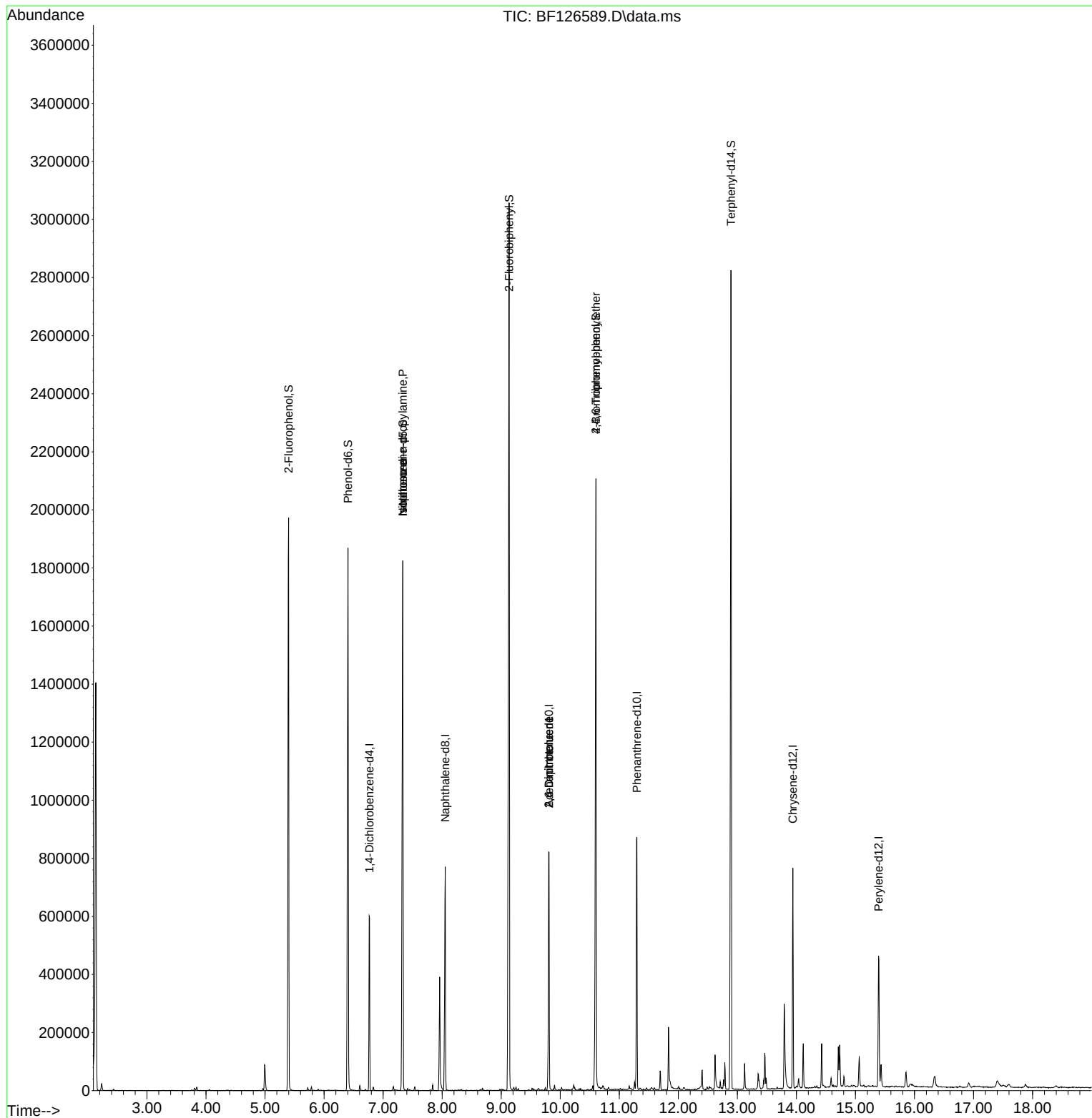
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93207	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	406832	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	203464	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	333505	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	241414	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	202055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	599384	92.348	ng	0.02
7) Phenol-d6	6.404	99	701980	83.504	ng	0.00
23) Nitrobenzene-d5	7.333	82	764892	96.537	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	315341	200.566	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1218892	105.420	ng	0.00
79) Terphenyl-d14	12.892	244	1111823	89.481	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.333	70	97741	20.375	ng	# 82
25) Isophorone	7.333	82	762623	53.767	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	25653	9.352	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	25653	7.249	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	15979	5.398	ng	# 1
77) Benzidine	12.892	184	14318	Below Cal		98

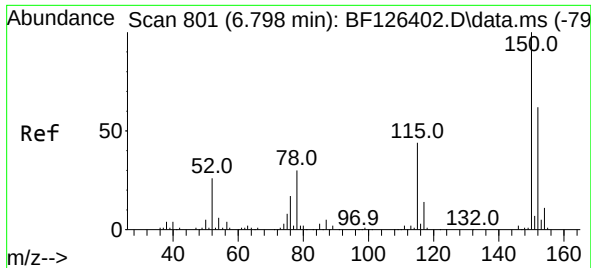
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

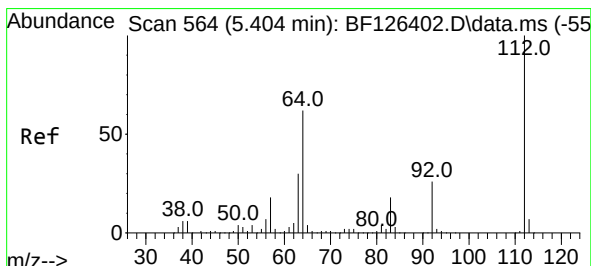
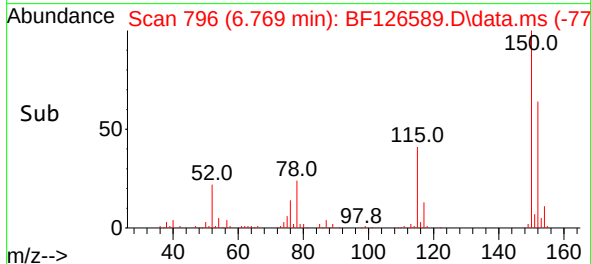
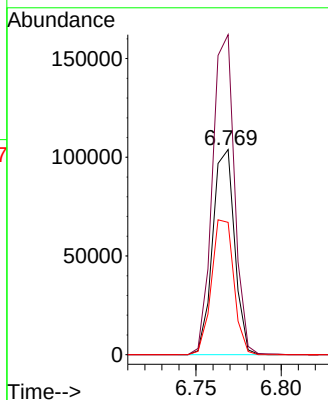
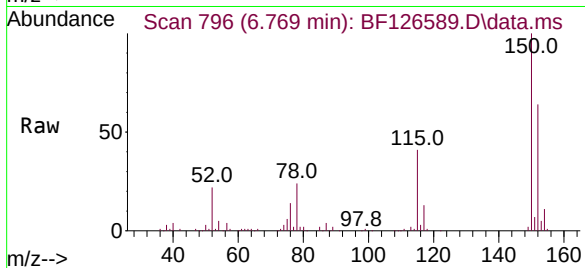




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

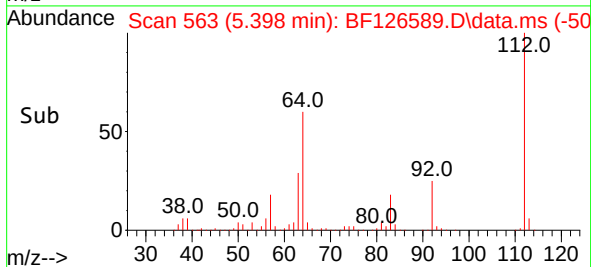
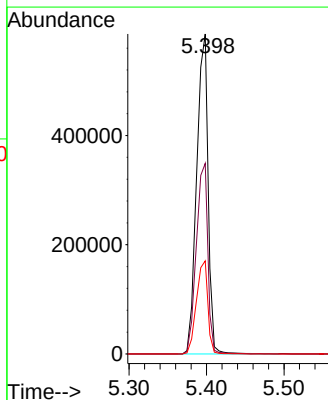
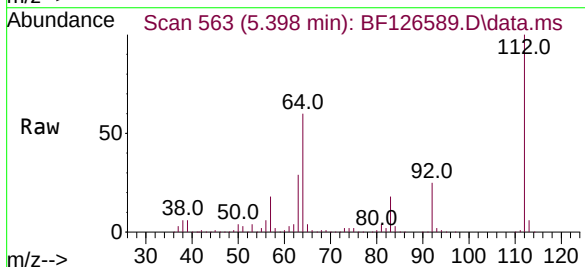
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BNA_F
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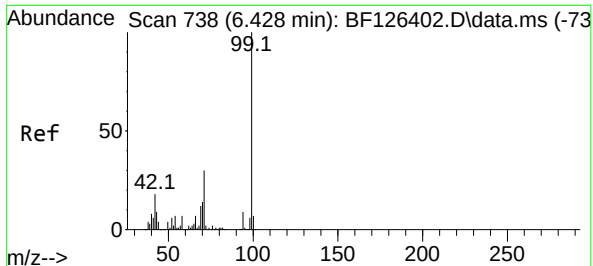
Tgt Ion:152 Resp: 93207
Ion Ratio Lower Upper
152 100
150 156.0 128.1 192.1
115 64.5 56.7 85.1



#5
2-Fluorophenol
Concen: 92.348 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion:112 Resp: 599384
Ion Ratio Lower Upper
112 100
64 59.5 49.5 74.3
63 29.1 23.9 35.9

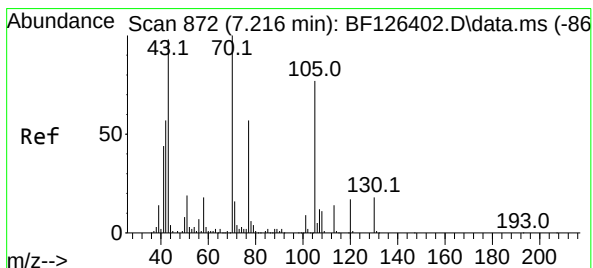
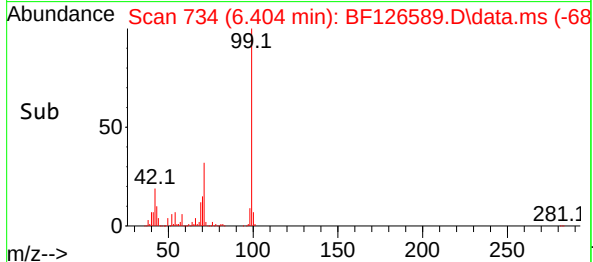
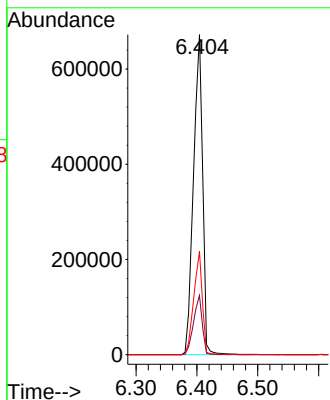
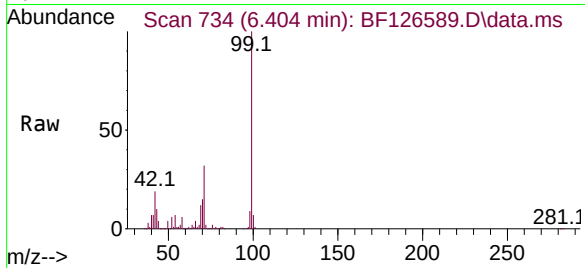




#7
Phenol-d6
Concen: 83.504 ng
RT: 6.404 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

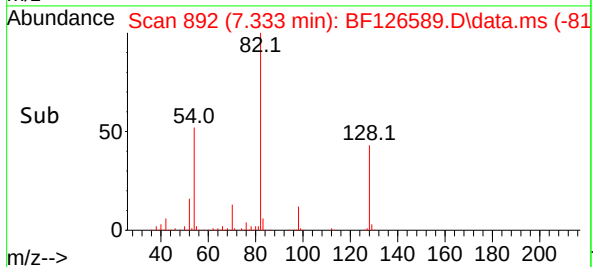
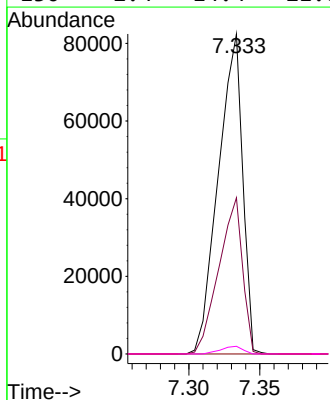
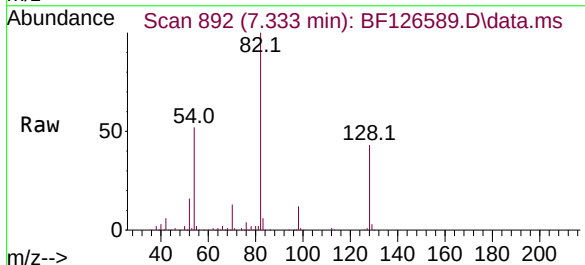
Instrument :
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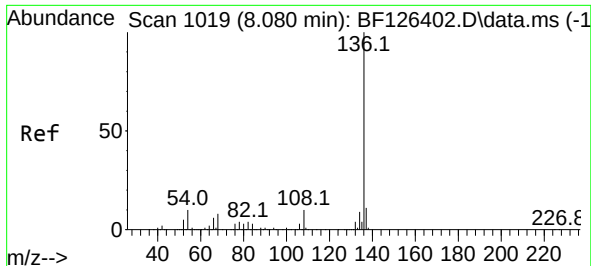
Tgt Ion: 99 Resp: 701980
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 32.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.375 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion: 70 Resp: 97741
Ion Ratio Lower Upper
70 100
42 48.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.4 14.4 21.6#

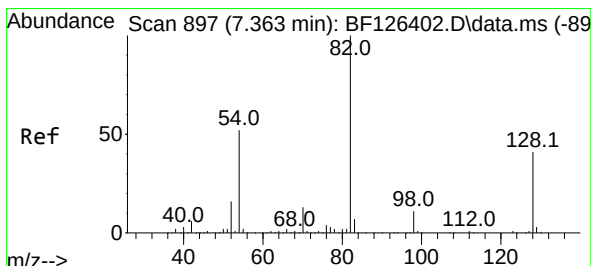
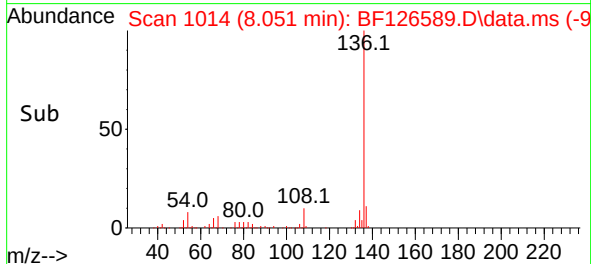
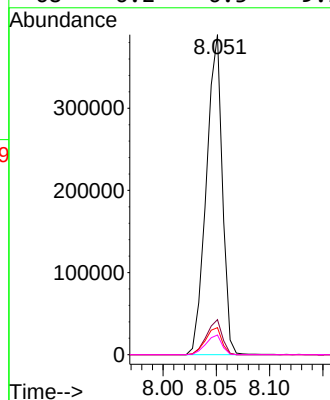
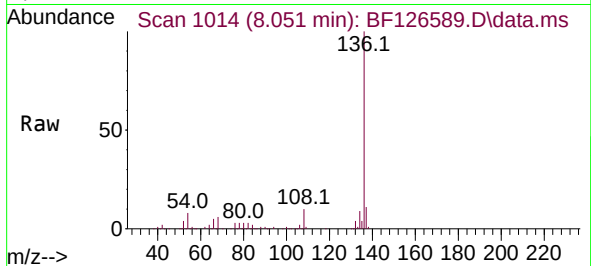




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

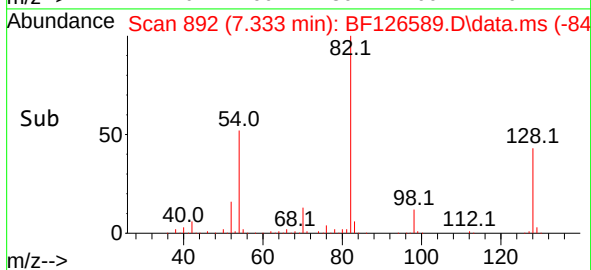
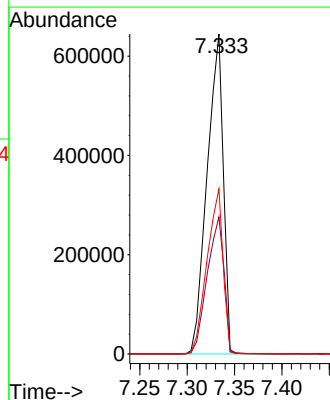
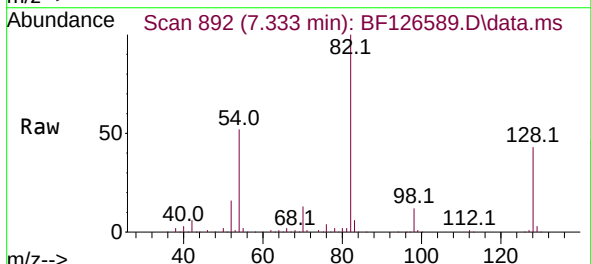
Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

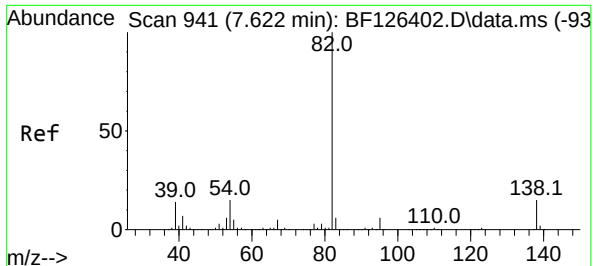
Tgt Ion:136 Resp: 406832
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 7.8 11.6
68 6.2 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 96.537 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion: 82 Resp: 764892
Ion Ratio Lower Upper
82 100
128 42.9 32.7 49.1
54 51.6 41.7 62.5

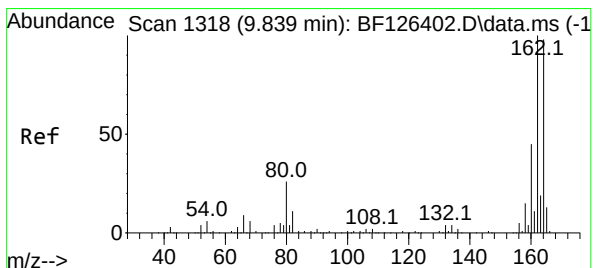
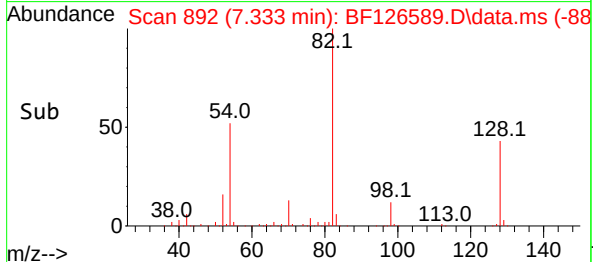
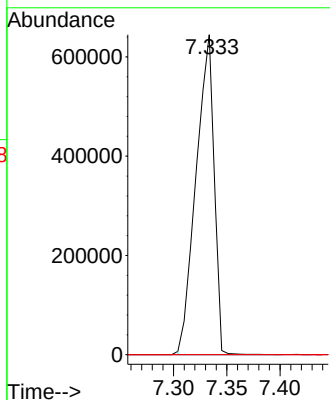
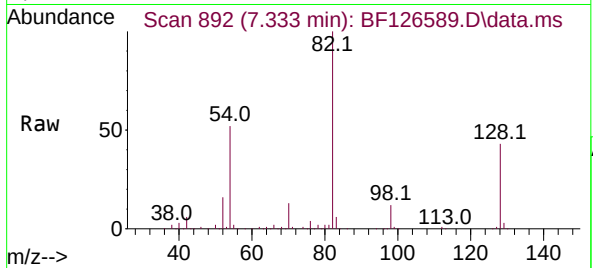




#25
Isophorone
Concen: 53.767 ng
RT: 7.333 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

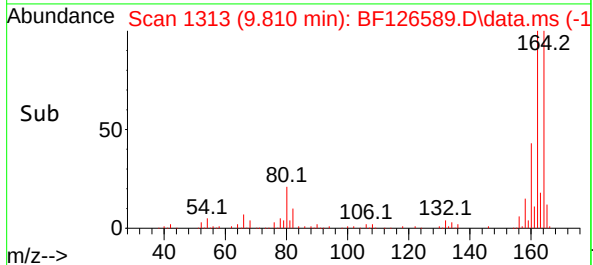
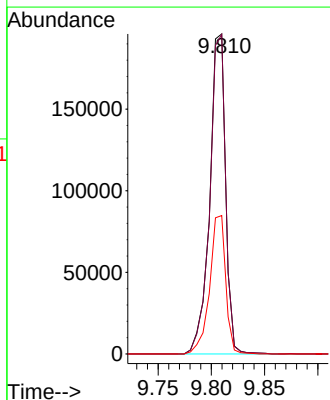
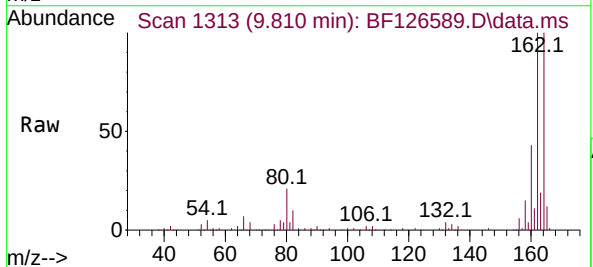
Instrument :
BNA_F
ClientSampleId :
20220023-CAPE-5-MODIFIED-ELUTRIATE

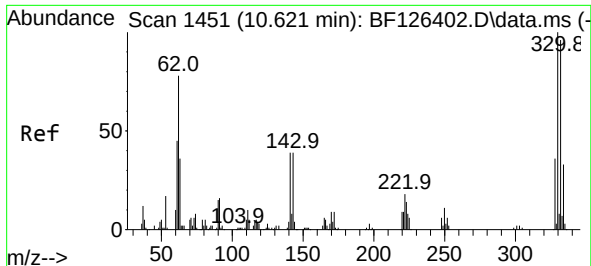
Tgt Ion: 82 Resp: 762623
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion:164 Resp: 203464
Ion Ratio Lower Upper
164 100
162 99.9 81.4 122.0
160 43.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 200.566 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126589.D

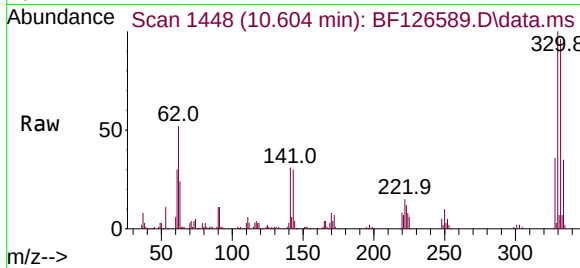
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Instrument :

BNA_F

ClientSampleId :

20220023-CAPE-5-MODIFIED-ELUTRIATE



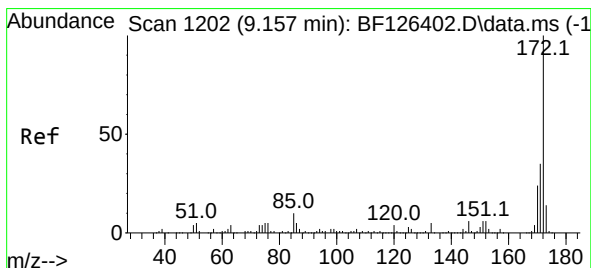
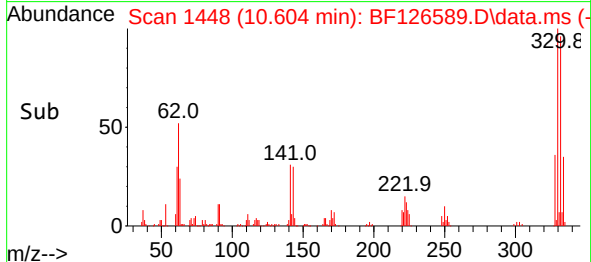
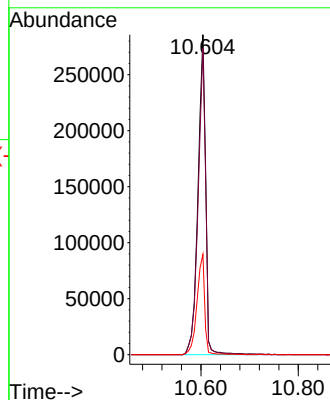
Tgt Ion:330 Resp: 315341

Ion Ratio Lower Upper

330 100

332 93.9 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 105.420 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126589.D

Acq: 11 Jan 2022 13:53

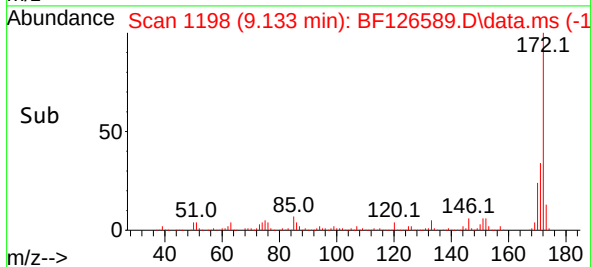
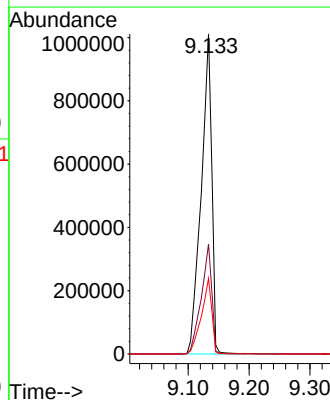
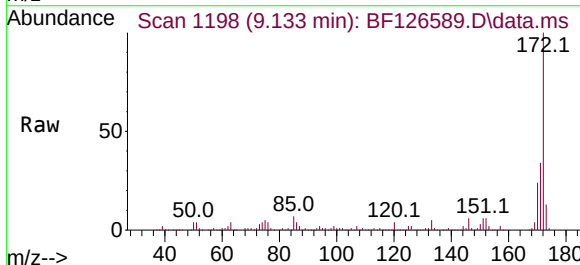
Tgt Ion:172 Resp: 1218892

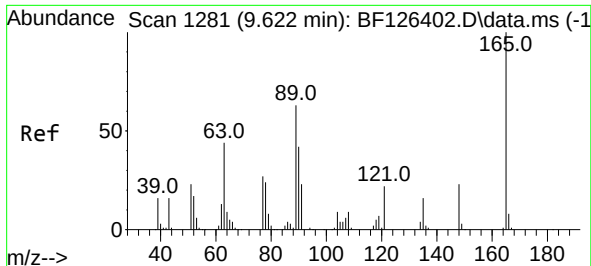
Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.6 19.0 28.6

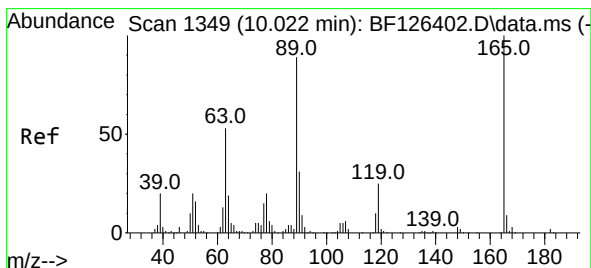
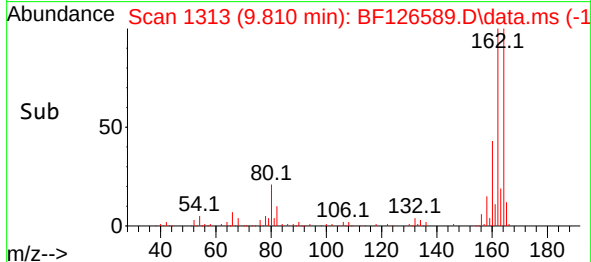
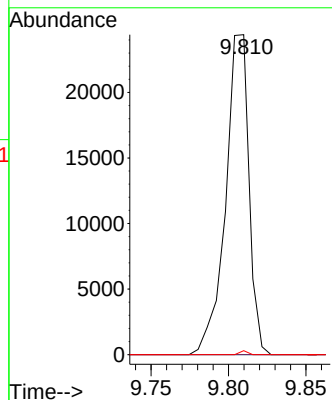
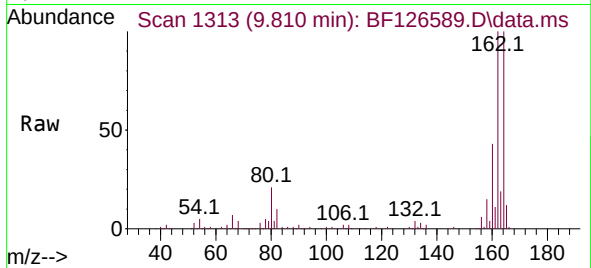




#51
2,6-Dinitrotoluene
Concen: 9.352 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

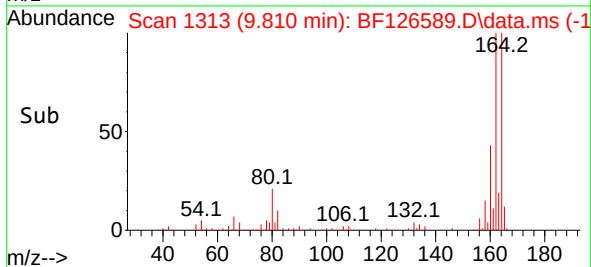
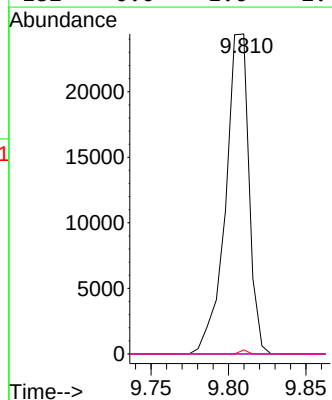
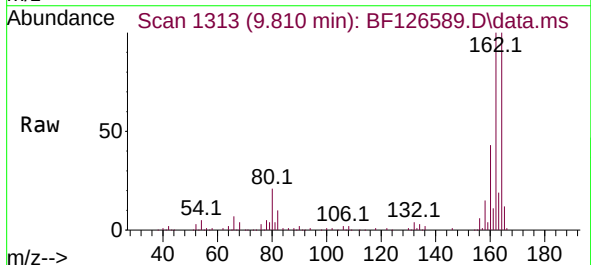
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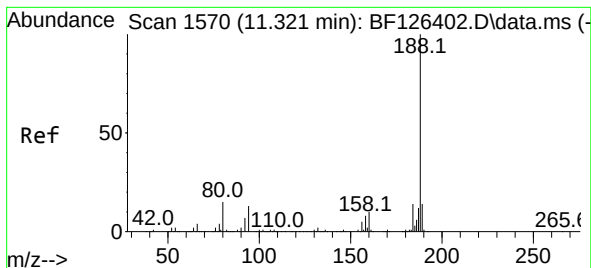
Tgt Ion:165 Resp: 25653
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.2 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.249 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

Tgt Ion:165 Resp: 25653
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126589.D

Acq: 11 Jan 2022 13:53

Instrument :

BNA_F

ClientSampleId :

20220023-CAPE-5-MODIFIED-ELUTRIATE

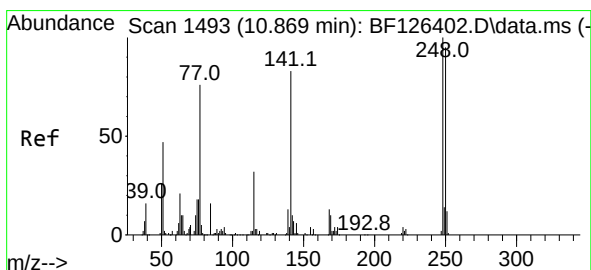
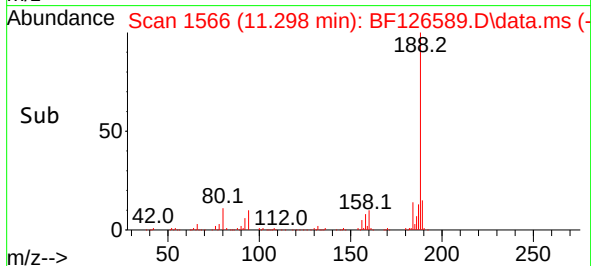
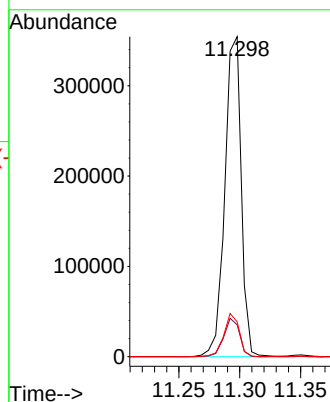
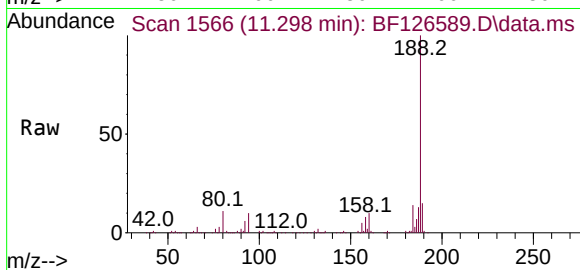
Tgt Ion:188 Resp: 333505

Ion Ratio Lower Upper

188 100

94 9.9 10.1 15.1#

80 10.9 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 5.398 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.241 min

Lab File: BF126589.D

Acq: 11 Jan 2022 13:53

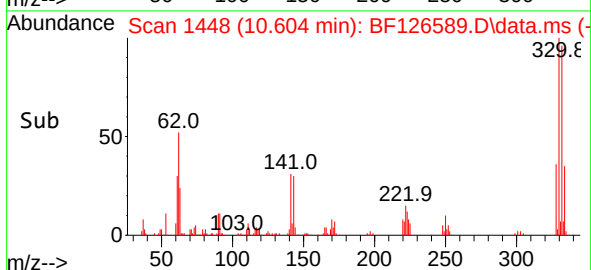
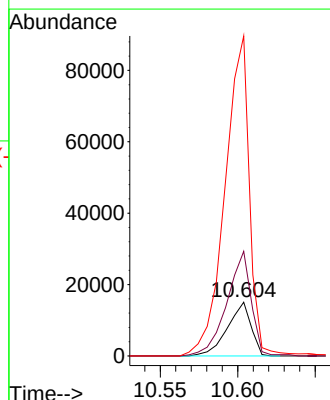
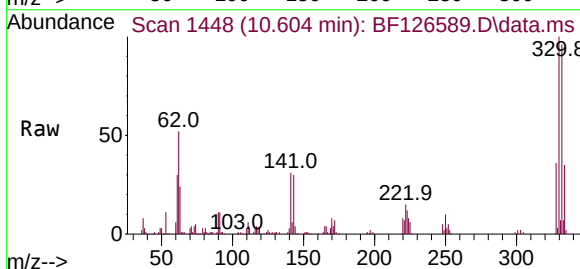
Tgt Ion:248 Resp: 15979

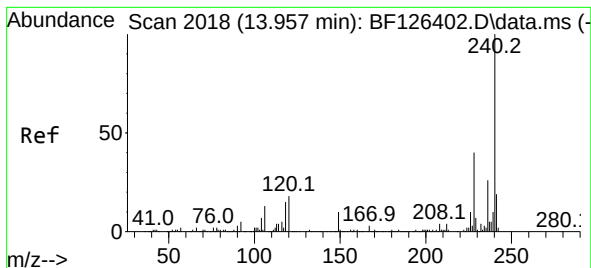
Ion Ratio Lower Upper

248 100

250 194.6 76.2 114.4#

141 594.8 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: BF126589.D

Acq: 11 Jan 2022 13:53

Instrument :

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ClientSampleId :

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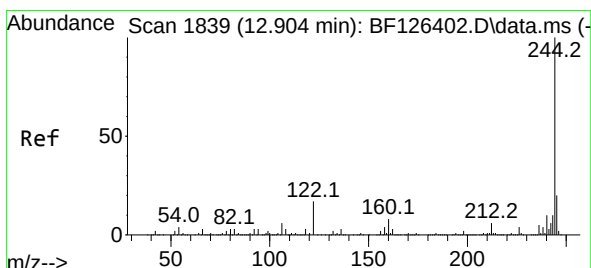
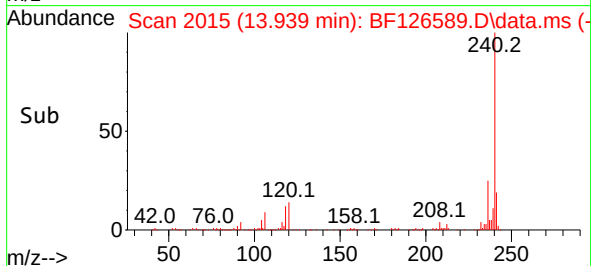
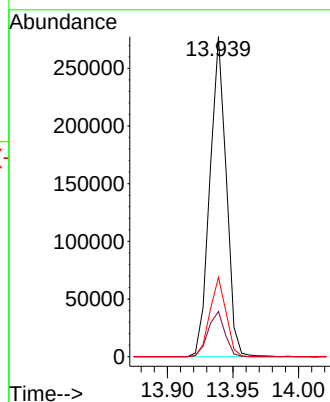
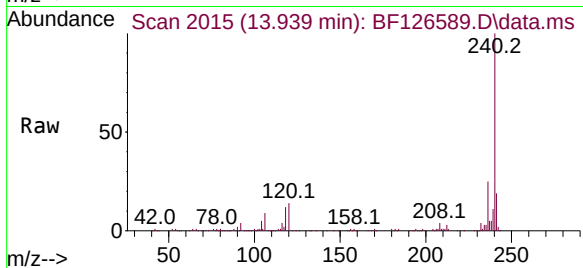
Tgt Ion:240 Resp: 241414

Ion Ratio Lower Upper

240 100

120 14.1 14.4 21.6#

236 24.8 20.5 30.7



#79

Terphenyl-d14

Concen: 89.481 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF126589.D

Acq: 11 Jan 2022 13:53

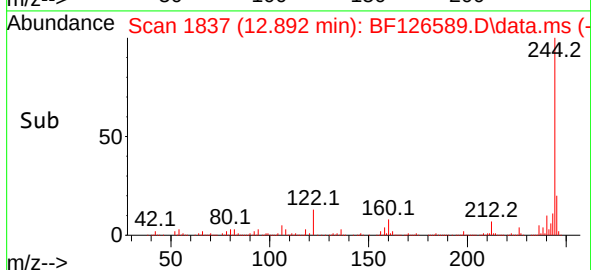
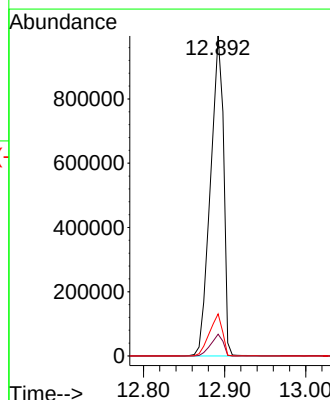
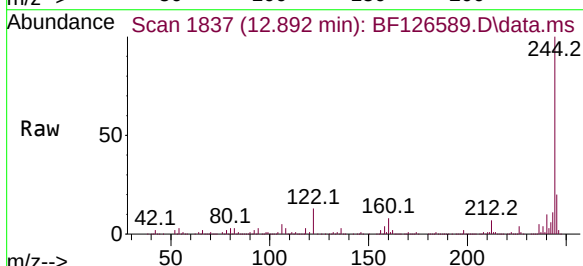
Tgt Ion:244 Resp: 1111823

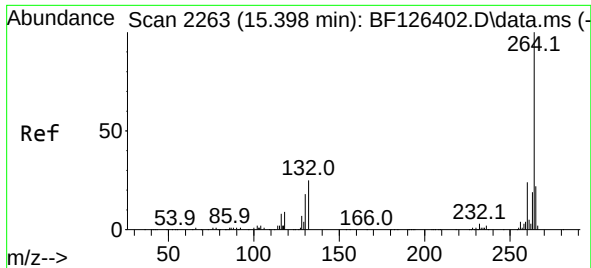
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

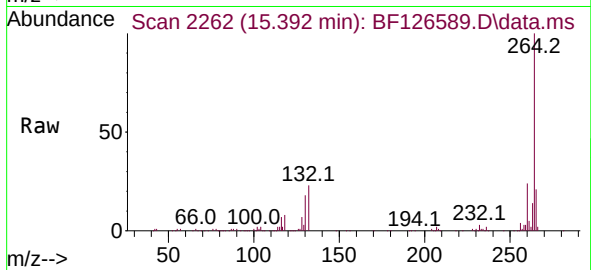
122 13.2 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126589.D
Acq: 11 Jan 2022 13:53

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



Tgt Ion:264 Resp: 202055
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.2 17.4 26.2

