

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126591.D
 Acq On : 11 Jan 2022 14:45
 Operator : JU/CG
 Sample : N1054-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220016-CAPE-3-COMP

Quant Time: Jan 11 17:05:14 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)

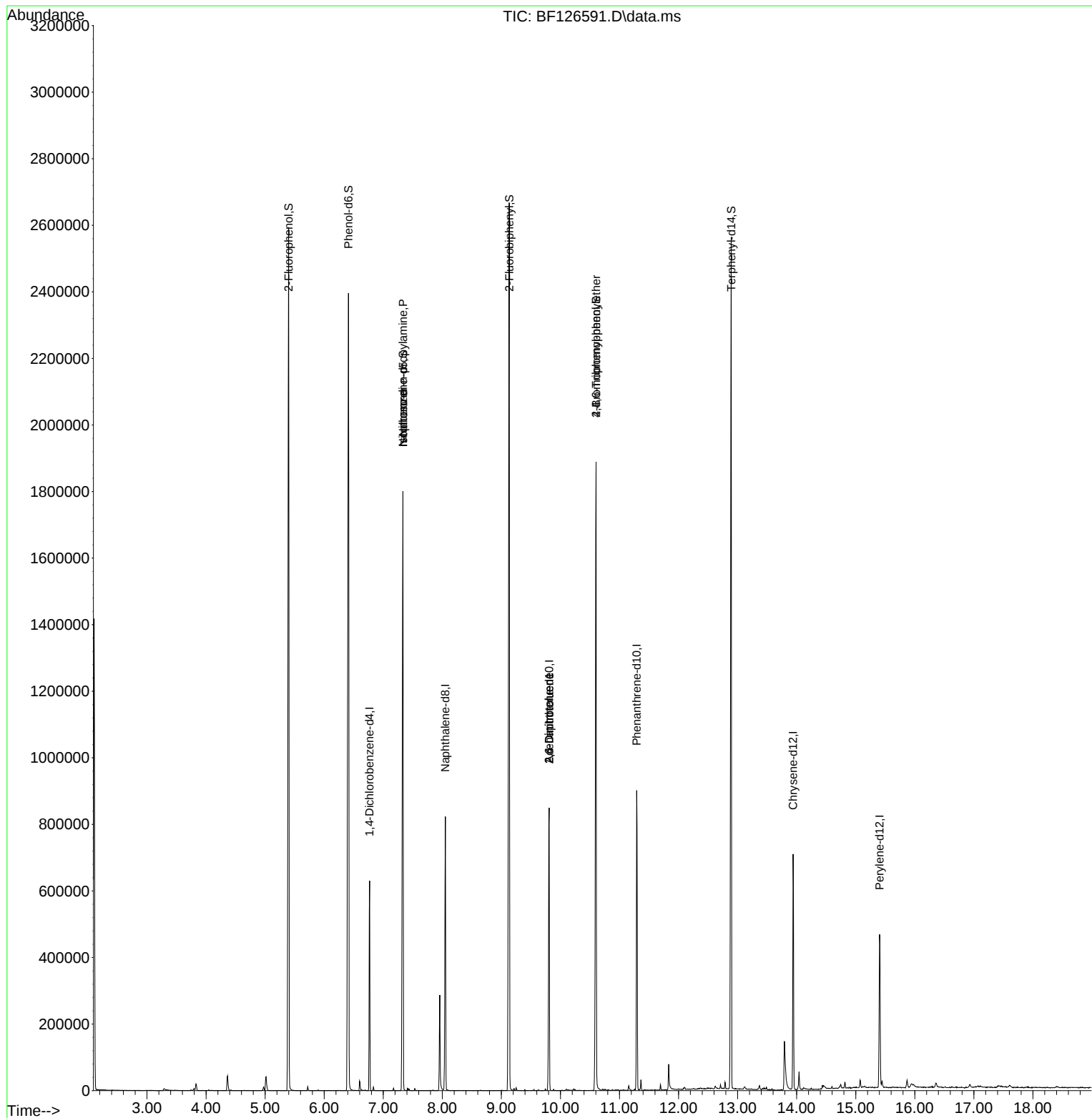
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	90712	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	399064	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	198947	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	328558	20.000	ng	0.00
76) Chrysene-d12	13.939	240	245522	20.000	ng	0.00
86) Perylene-d12	15.404	264	209217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	861856	136.440	ng	0.02
7) Phenol-d6	6.410	99	1113675	136.121	ng	0.00
23) Nitrobenzene-d5	7.333	82	703362	90.499	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	273378	177.824	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1027027	90.843	ng	0.00
79) Terphenyl-d14	12.892	244	936279	74.092	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	90330	19.348	ng	# 81
25) Isophorone	7.333	82	702264	50.475	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	26015	9.699	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	26015	7.518	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	14469	4.961	ng	# 1
77) Benzidine	12.892	184	11613	Below Cal		# 95

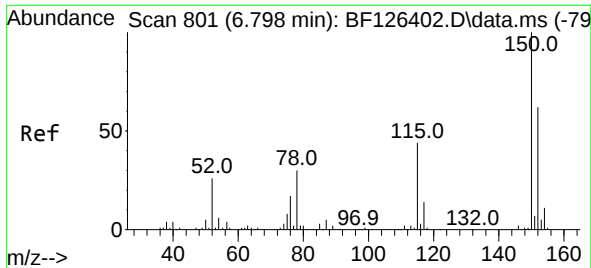
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 11 17:05:14 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

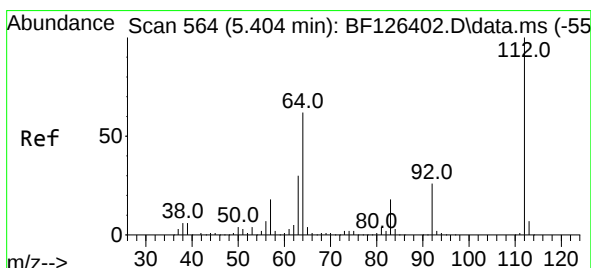
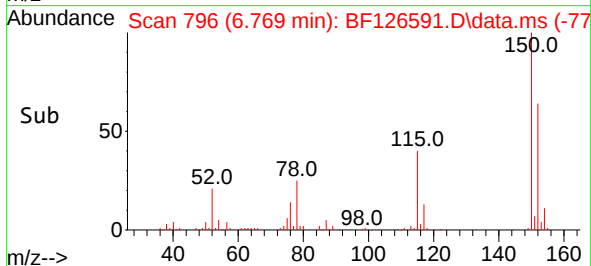
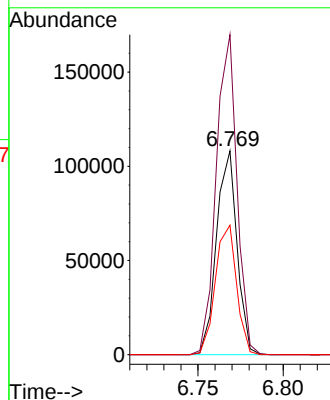
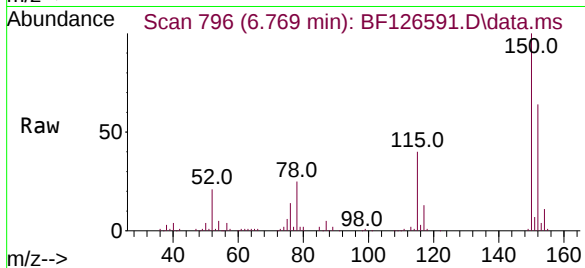




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

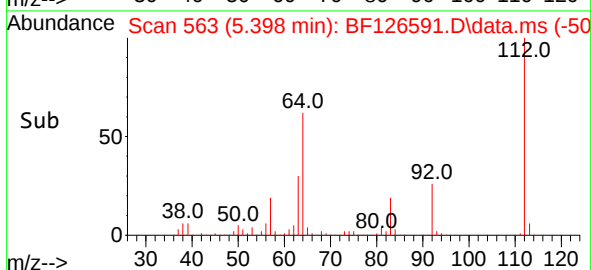
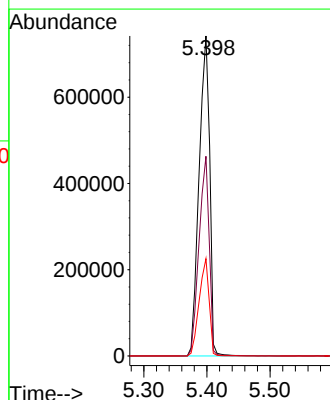
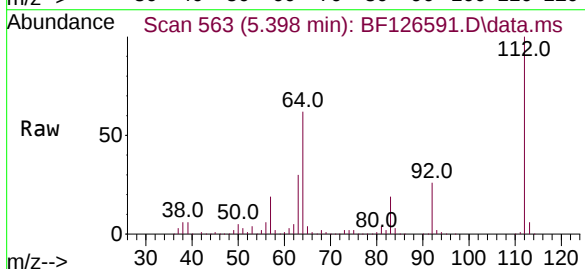
Instrument :
BNA_F
ClientSampleId :
20220016-CAPE-3-COMP

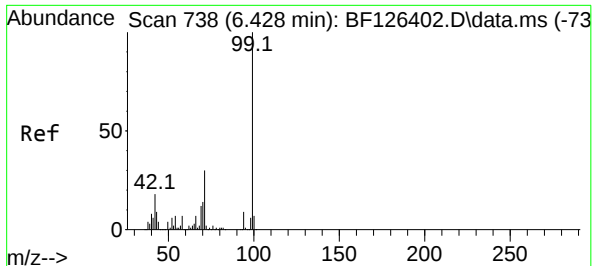
Tgt Ion:152 Resp: 90712
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 63.5 56.7 85.1



#5
2-Fluorophenol
Concen: 136.440 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.018 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

Tgt Ion:112 Resp: 861856
Ion Ratio Lower Upper
112 100
64 62.4 49.5 74.3
63 30.4 23.9 35.9

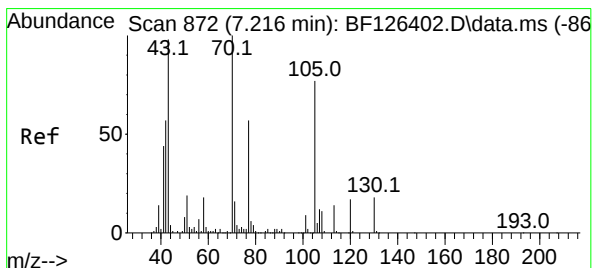
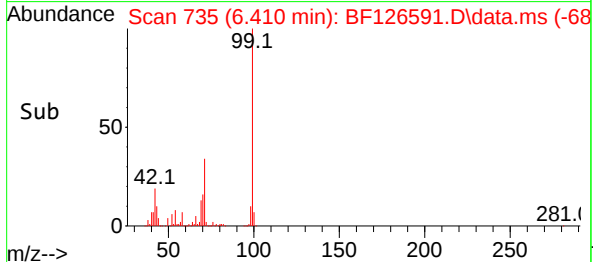
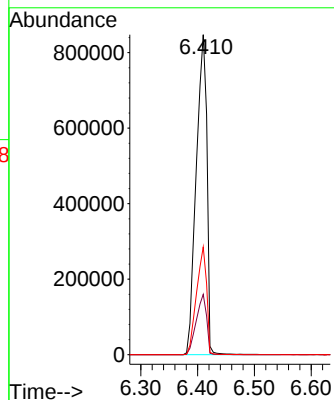
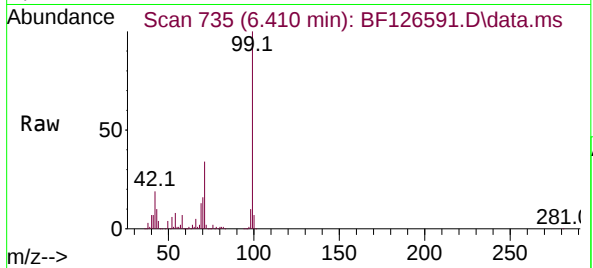




#7
Phenol-d6
Concen: 136.121 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

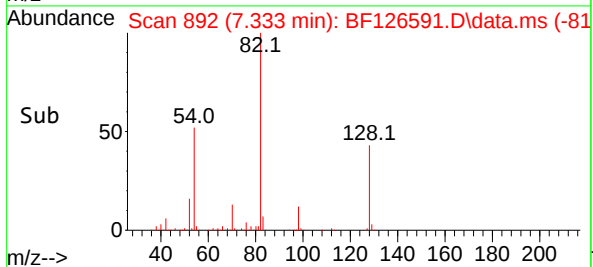
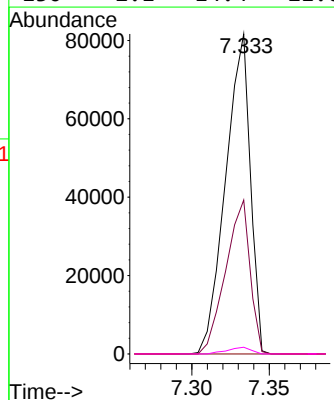
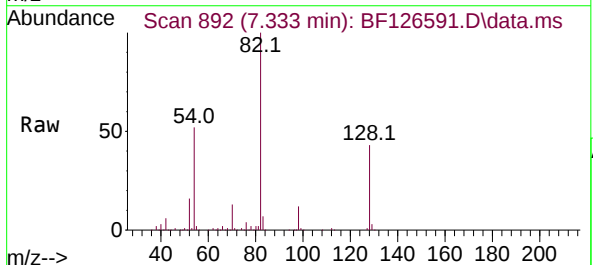
Instrument :
BNA_F
ClientSampleId :
20220016-CAPE-3-COMP

Tgt Ion: 99 Resp: 1113675
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 33.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.348 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

Tgt Ion: 70 Resp: 90330
Ion Ratio Lower Upper
70 100
42 48.1 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

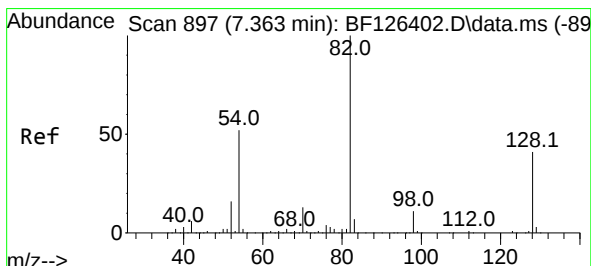
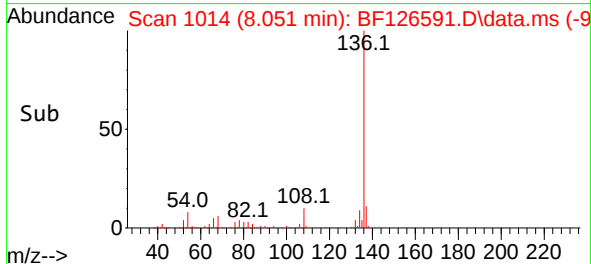
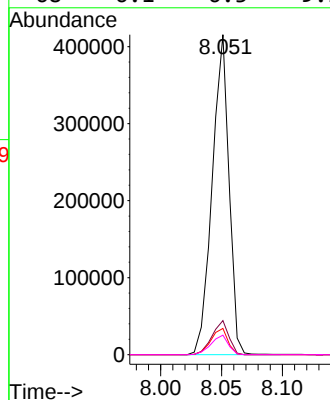
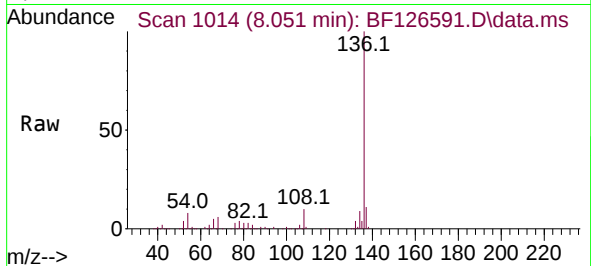




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

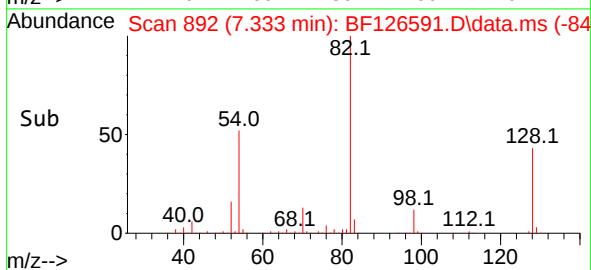
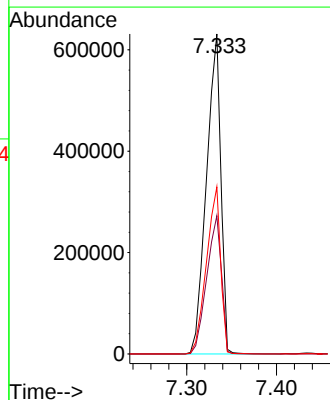
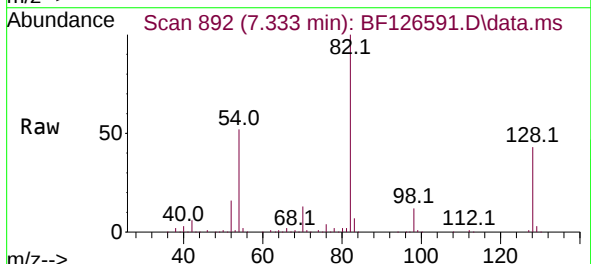
Instrument :
BNA_F
ClientSampleId :
20220016-CAPE-3-COMP

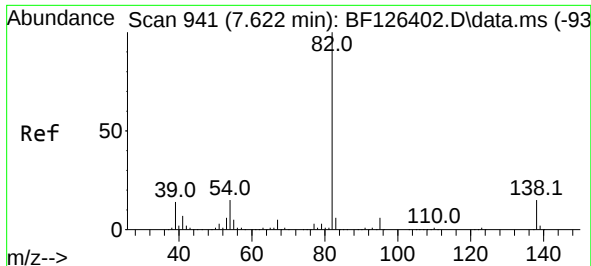
Tgt Ion:136	Resp: 399064
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.2	7.8 11.6
68 6.1	6.3 9.5#



#23
Nitrobenzene-d5
Concen: 90.499 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

Tgt Ion: 82	Resp: 703362
Ion Ratio	Lower Upper
82 100	
128 43.2	32.7 49.1
54 52.2	41.7 62.5

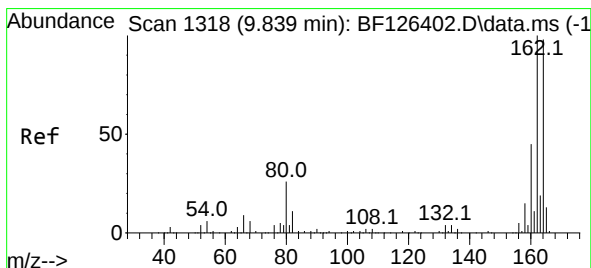
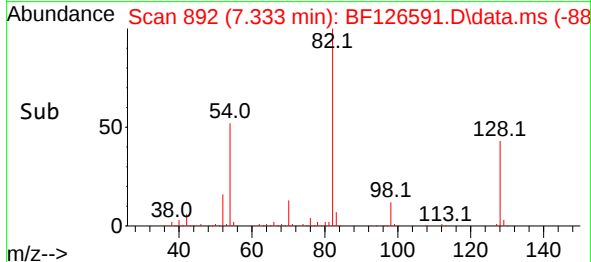
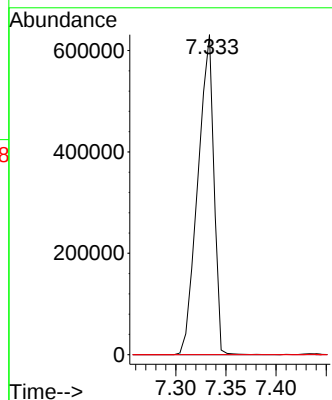
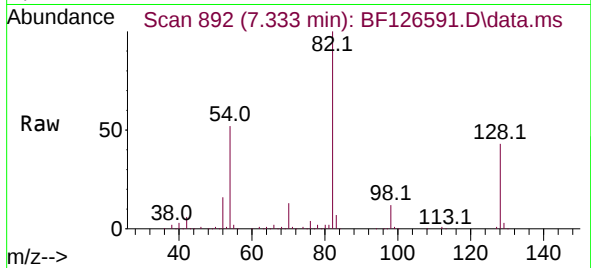




#25
Isophorone
Concen: 50.475 ng
RT: 7.333 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

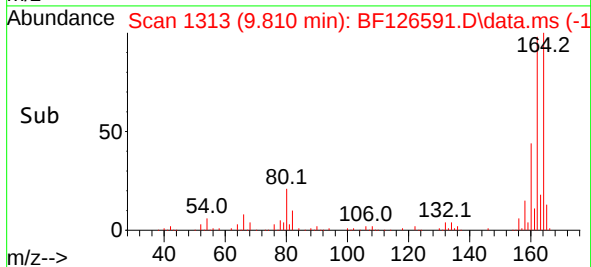
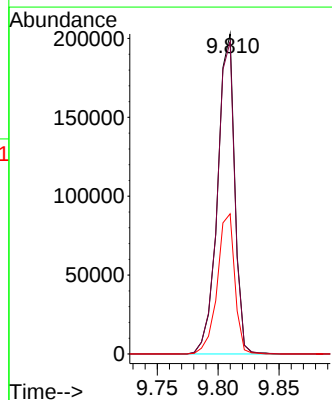
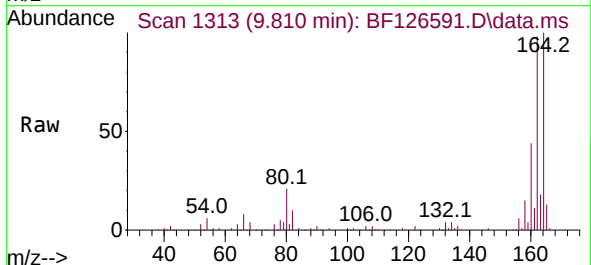
Instrument :
BNA_F
ClientSampleId :
20220016-CAPE-3-COMP

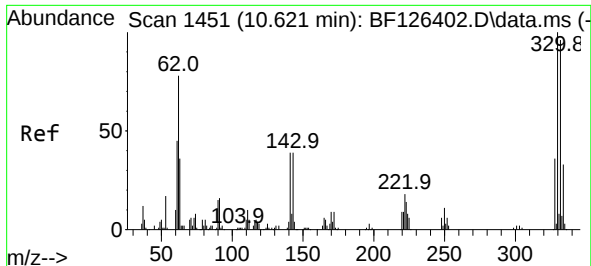
Tgt Ion: 82 Resp: 702264
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

Tgt Ion:164 Resp: 198947
Ion Ratio Lower Upper
164 100
162 97.5 81.4 122.0
160 43.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 177.824 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126591.D

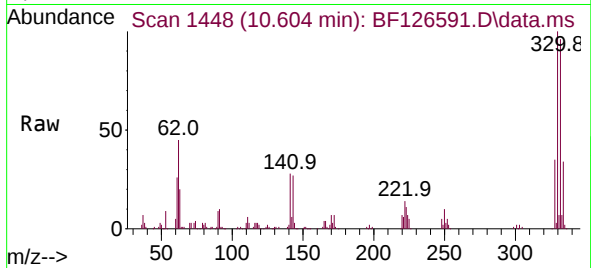
Acq: 11 Jan 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220016-CAPE-3-COMP



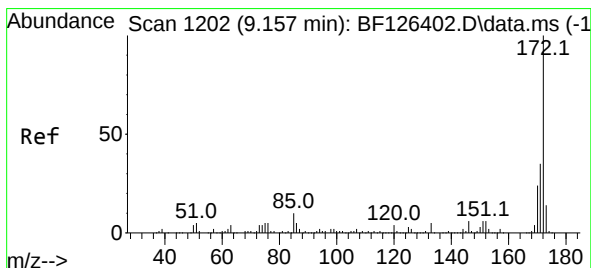
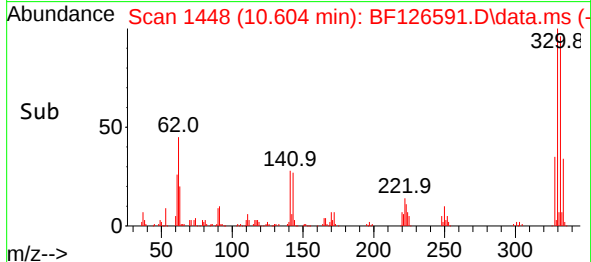
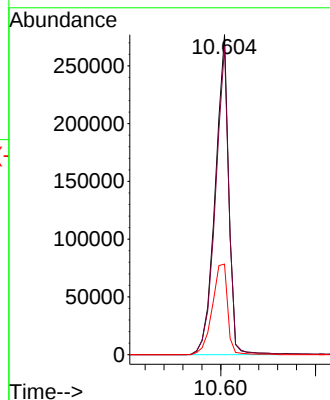
Tgt Ion:330 Resp: 273378

Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 32.1 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 90.843 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126591.D

Acq: 11 Jan 2022 14:45

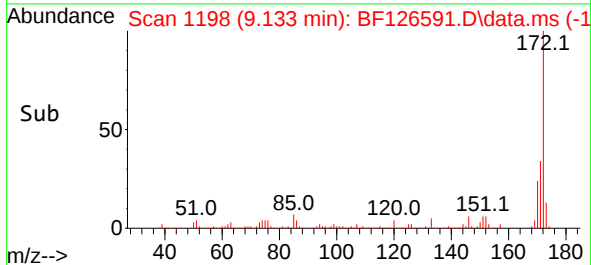
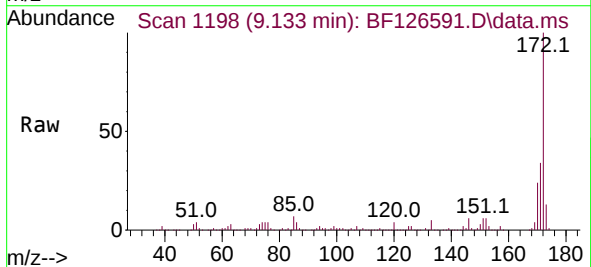
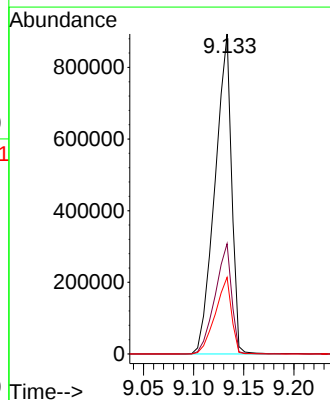
Tgt Ion:172 Resp: 1027027

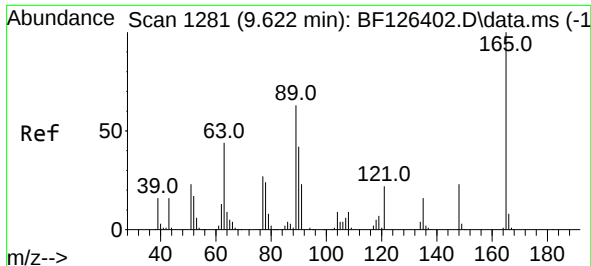
Ion Ratio Lower Upper

172 100

171 34.5 28.3 42.5

170 23.9 19.0 28.6

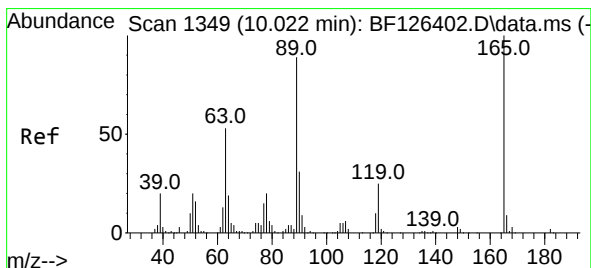
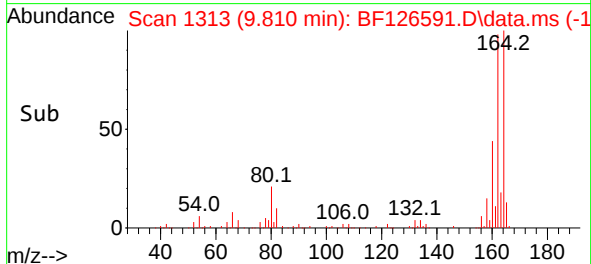
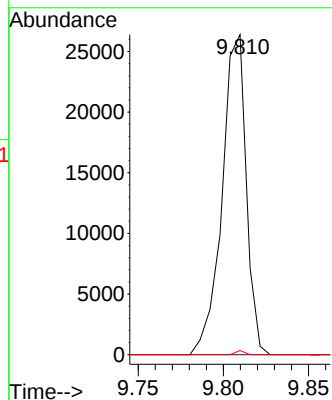
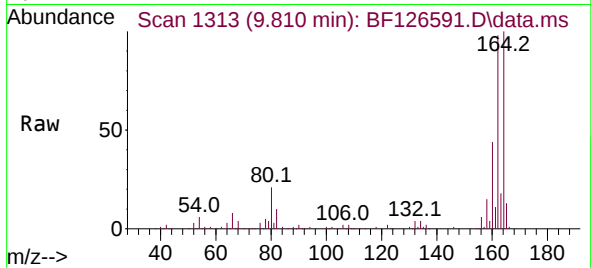




#51
2,6-Dinitrotoluene
Concen: 9.699 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

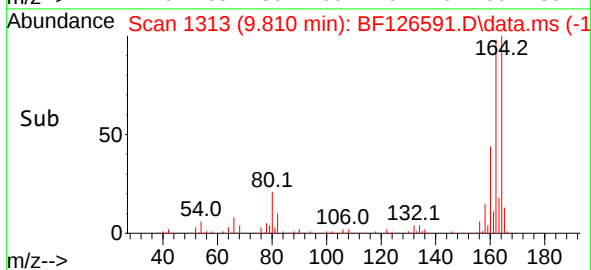
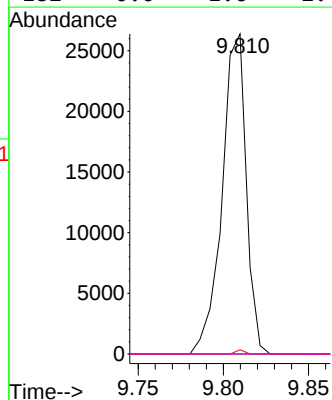
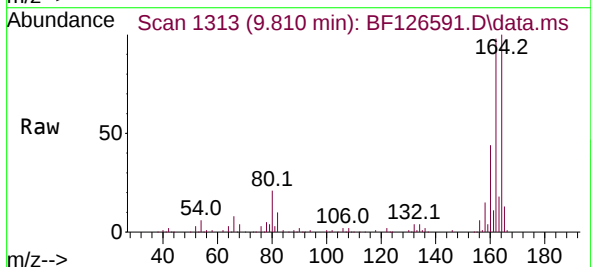
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20220016-CAPE-3-COMP

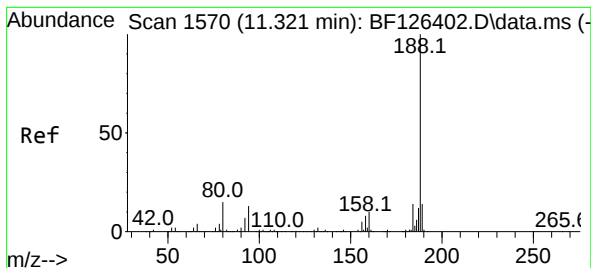
Tgt Ion:165 Resp: 26015
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.518 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126591.D
Acq: 11 Jan 2022 14:45

Tgt Ion:165 Resp: 26015
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: BF126591.D

Acq: 11 Jan 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220016-CAPE-3-COMP

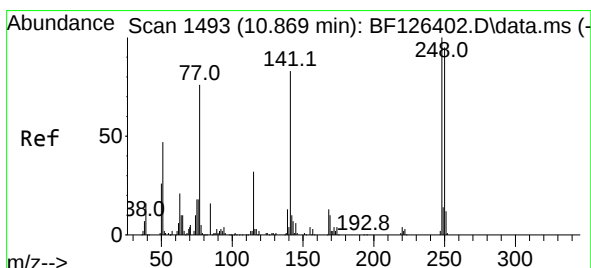
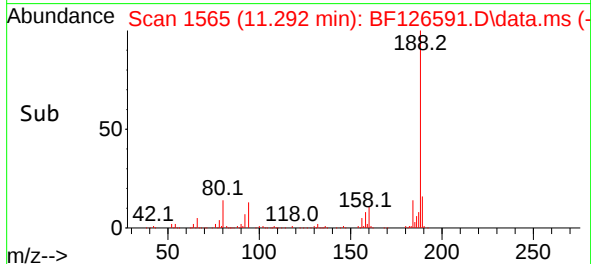
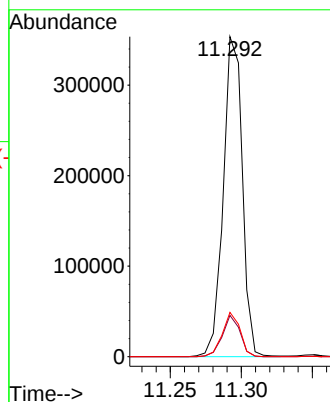
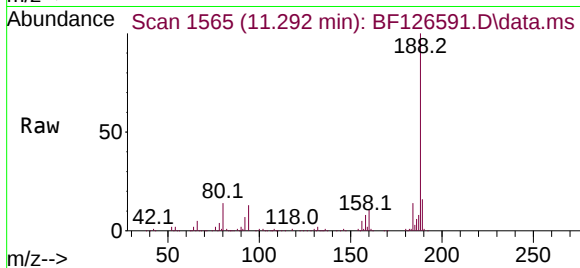
Tgt Ion:188 Resp: 328558

Ion Ratio Lower Upper

188 100

94 12.9 10.1 15.1

80 13.9 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 4.961 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.241 min

Lab File: BF126591.D

Acq: 11 Jan 2022 14:45

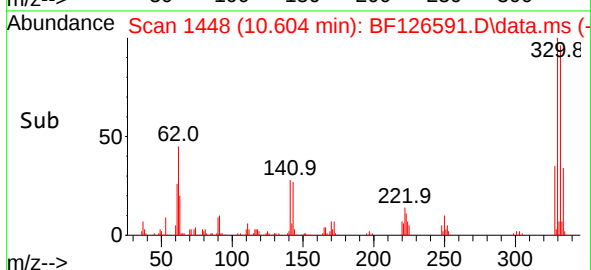
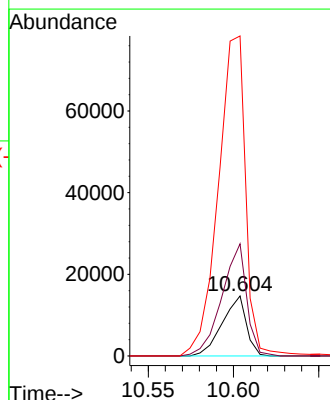
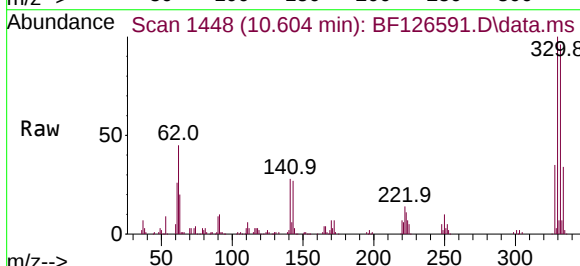
Tgt Ion:248 Resp: 14469

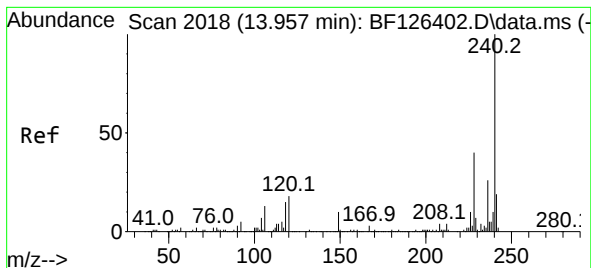
Ion Ratio Lower Upper

248 100

250 187.0 76.2 114.4#

141 533.4 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF126591.D

Acq: 11 Jan 2022 14:45

Instrument :

BNA_F

ClientSampleId :

20220016-CAPE-3-COMP

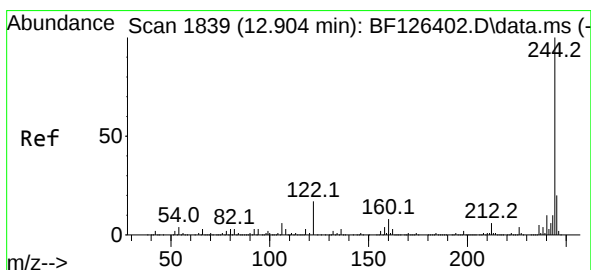
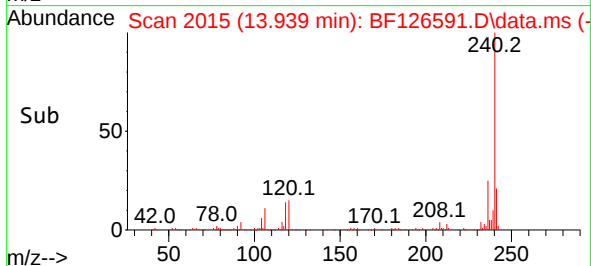
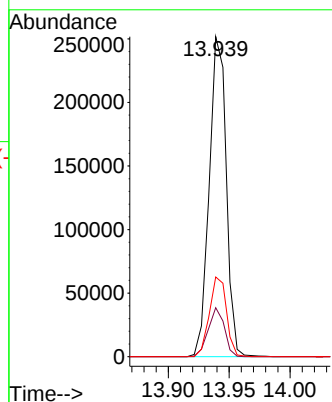
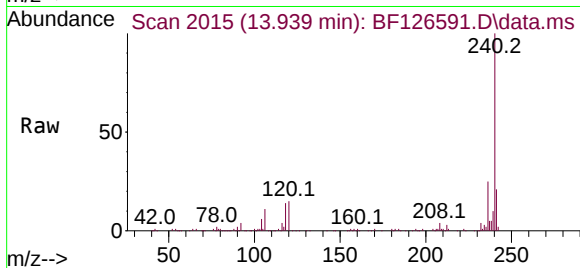
Tgt Ion:240 Resp: 245522

Ion Ratio Lower Upper

240 100

120 15.3 14.4 21.6

236 24.9 20.5 30.7



#79

Terphenyl-d14

Concen: 74.092 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF126591.D

Acq: 11 Jan 2022 14:45

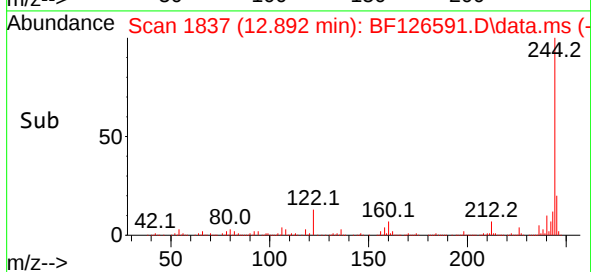
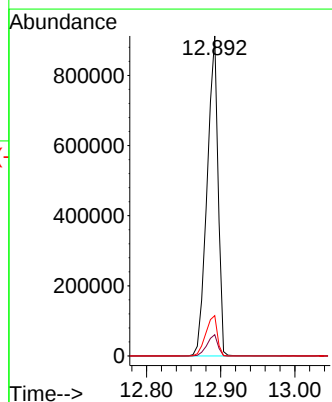
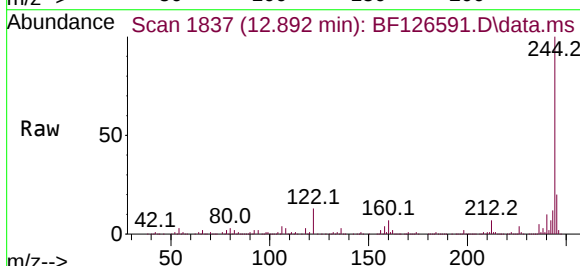
Tgt Ion:244 Resp: 936279

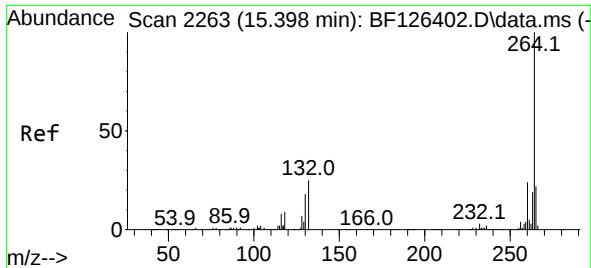
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

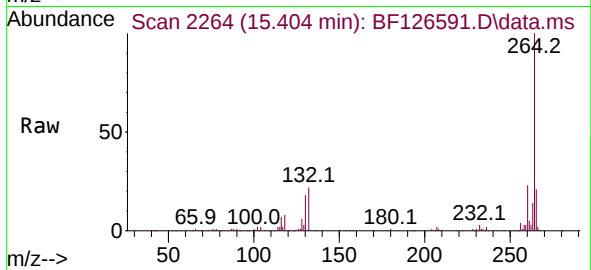
122 12.6 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126591.D
 Acq: 11 Jan 2022 14:45

Instrument :
 BNA_F
 ClientSampleId :
 20220016-CAPE-3-COMP



Tgt Ion:264 Resp: 209217
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.3 17.4 26.2

