

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126588.D
 Acq On : 11 Jan 2022 13:26
 Operator : JU/CG
 Sample : N1054-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220014-CAPE-1-COMP

Quant Time: Jan 11 14:09:04 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)

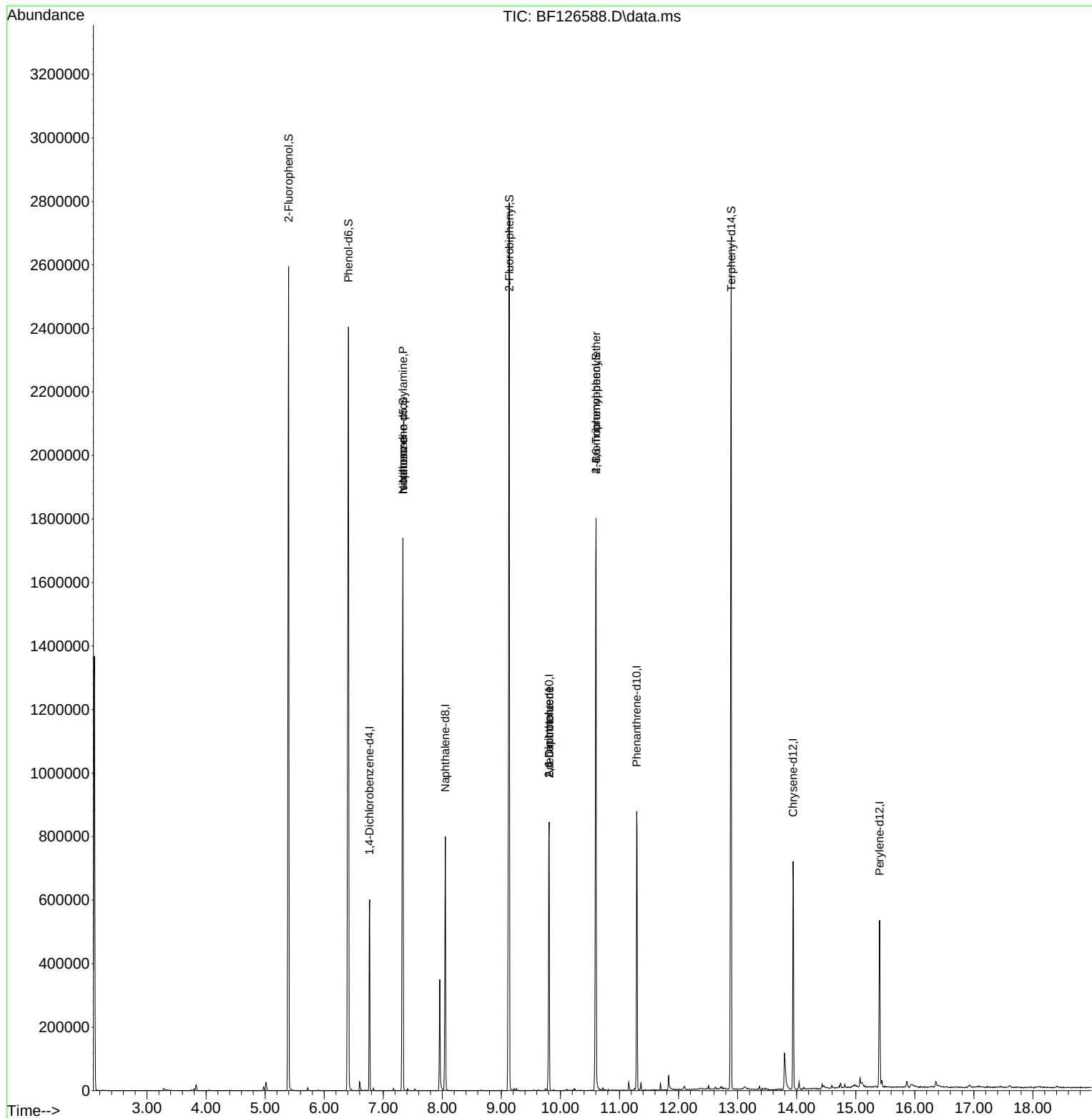
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	91093	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	394186	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	198348	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	326436	20.000	ng	0.00
76) Chrysene-d12	13.939	240	252831	20.000	ng	0.00
86) Perylene-d12	15.404	264	224533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	834398	131.541	ng	0.02
7) Phenol-d6	6.410	99	1075902	130.954	ng	0.00
23) Nitrobenzene-d5	7.334	82	709389	92.404	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	265210	173.032	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1048591	93.030	ng	0.00
79) Terphenyl-d14	12.892	244	985777	75.754	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	89094	19.004	ng	# 80
25) Isophorone	7.334	82	706134	51.381	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	25022	9.357	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	25022	7.253	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	13693	4.726	ng	# 1
77) Benzidine	12.892	184	12430	Below Cal		# 93

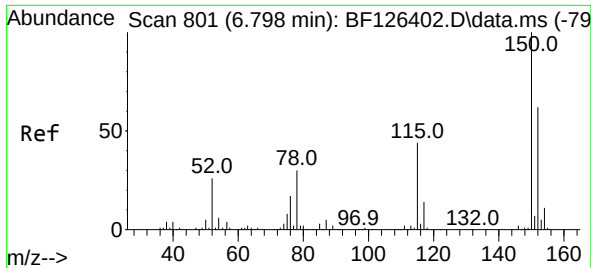
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20220014-CAPE-1-COMP

Quant Time: Jan 11 14:09:04 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

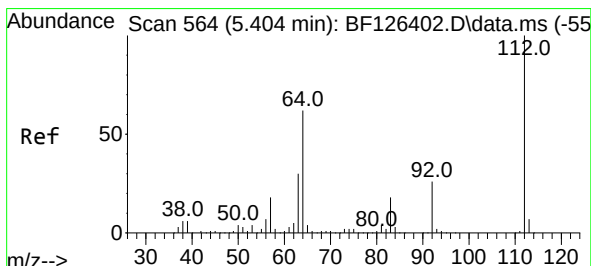
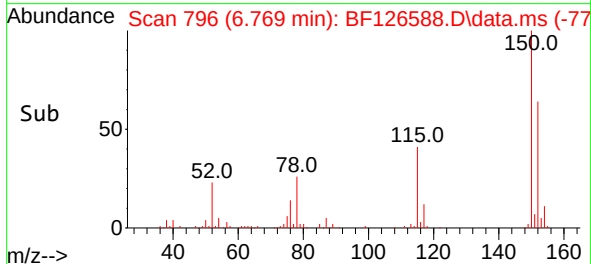
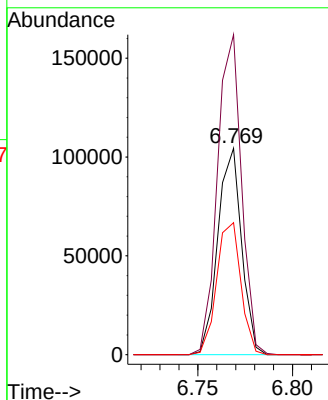
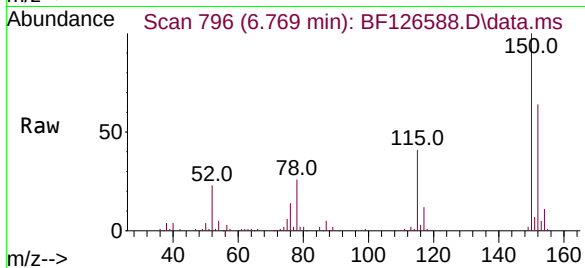




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126588.D
 Acq: 11 Jan 2022 13:26

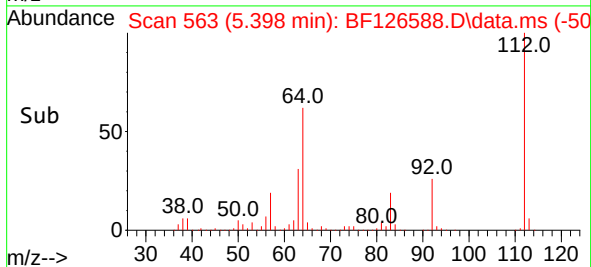
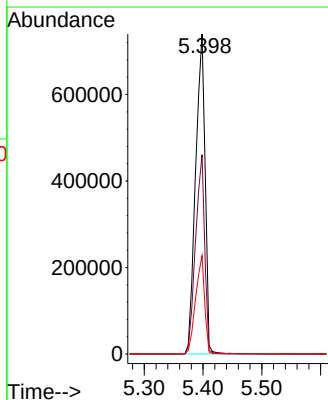
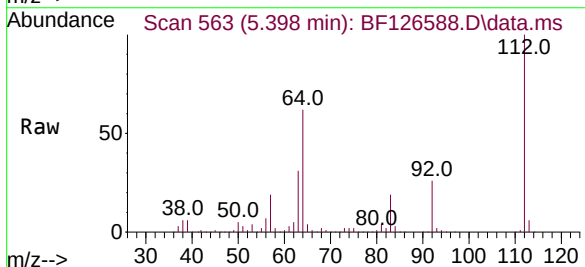
Instrument :
 BNA_F
 ClientSampleId :
 20220014-CAPE-1-COMP

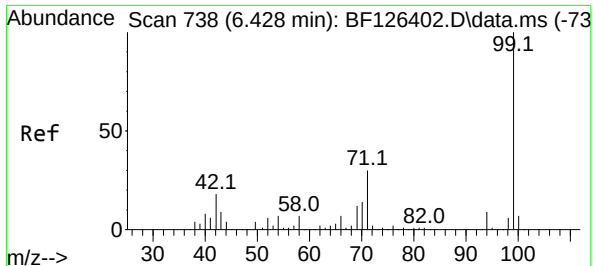
Tgt Ion:152 Resp: 91093
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.1 192.1
 115 63.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 131.541 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.018 min
 Lab File: BF126588.D
 Acq: 11 Jan 2022 13:26

Tgt Ion:112 Resp: 834398
 Ion Ratio Lower Upper
 112 100
 64 62.3 49.5 74.3
 63 30.8 23.9 35.9

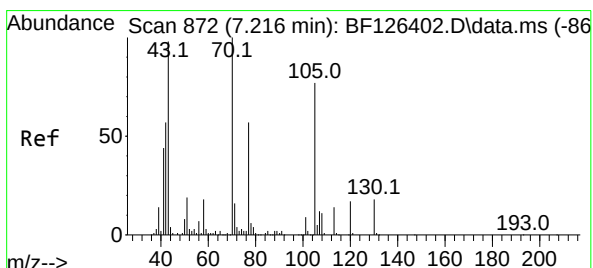
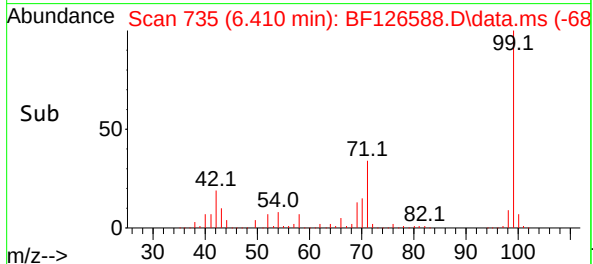
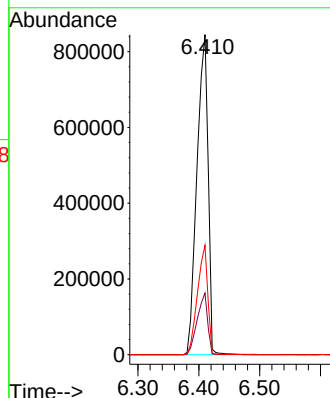
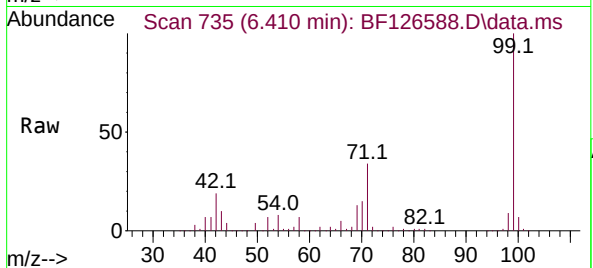




#7
Phenol-d6
Concen: 130.954 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

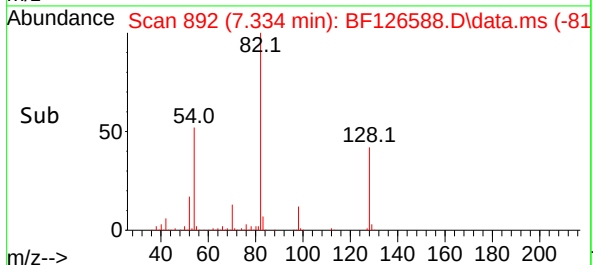
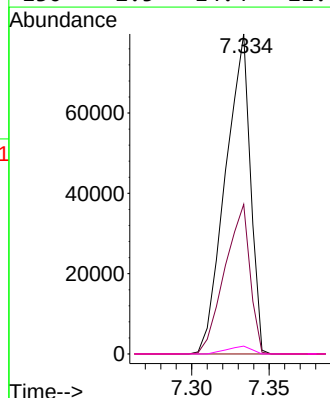
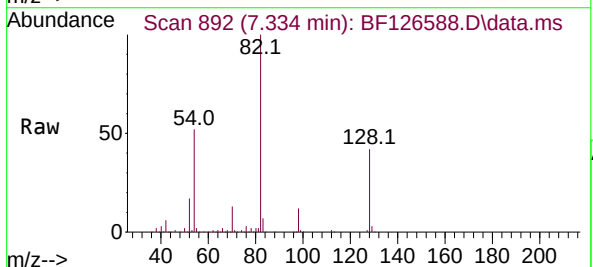
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ClientSampleId :
20220014-CAPE-1-COMP

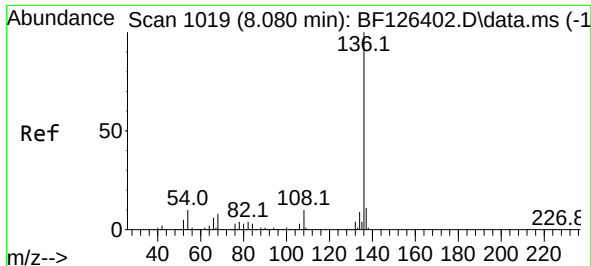
Tgt Ion: 99 Resp: 1075902
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 34.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.004 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion: 70 Resp: 89094
Ion Ratio Lower Upper
70 100
42 46.7 45.8 68.8
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#

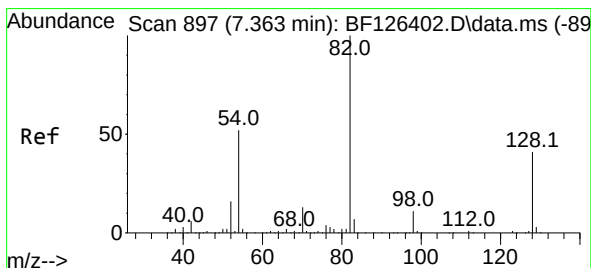
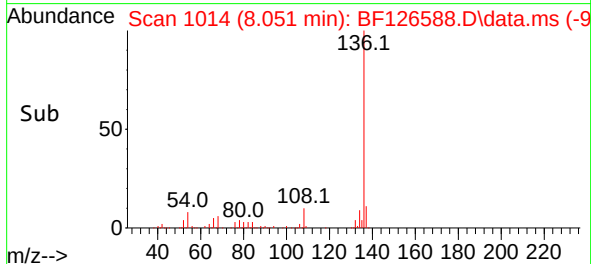
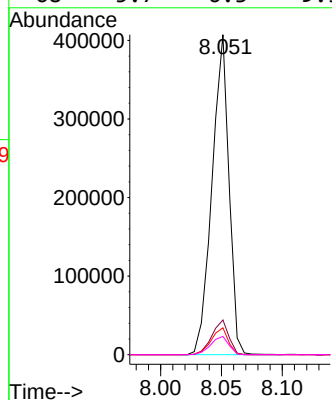
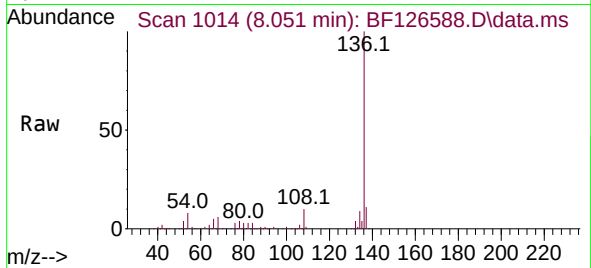




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

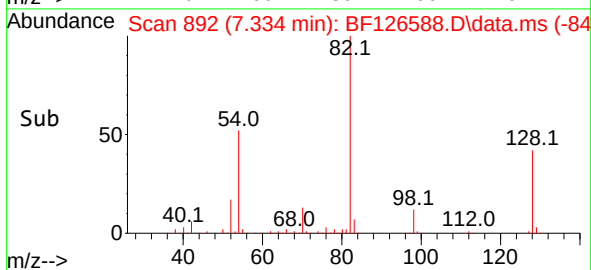
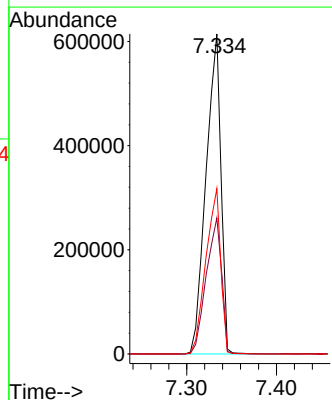
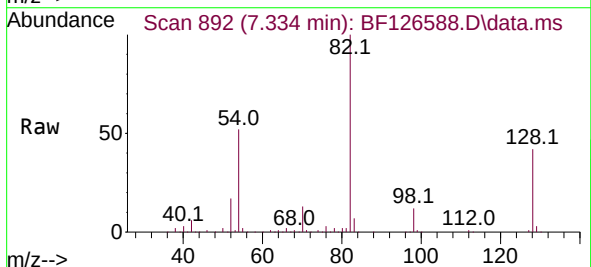
Instrument :
BNA_F
ClientSampleId :
20220014-CAPE-1-COMP

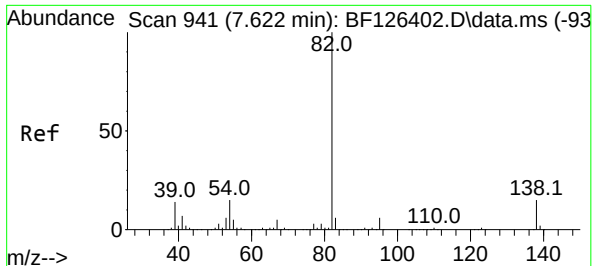
Tgt Ion:136 Resp: 394186
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.4 7.8 11.6
68 5.7 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 92.404 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion: 82 Resp: 709389
Ion Ratio Lower Upper
82 100
128 42.5 32.7 49.1
54 51.7 41.7 62.5

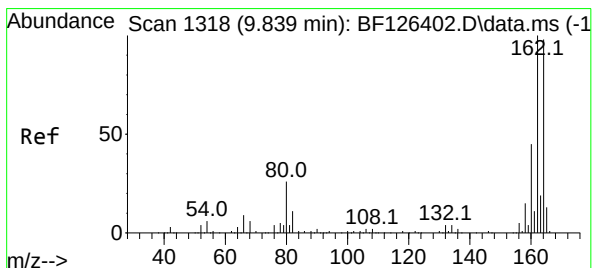
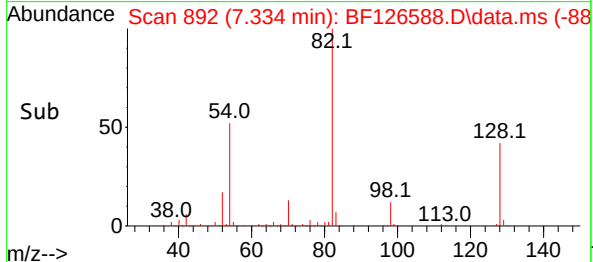
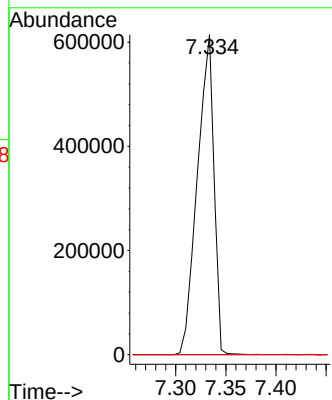
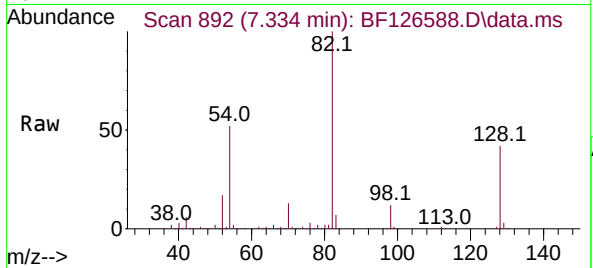




#25
Isophorone
Concen: 51.381 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

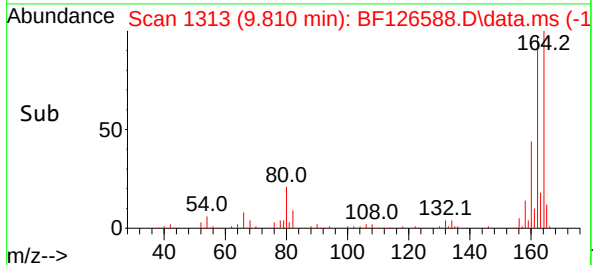
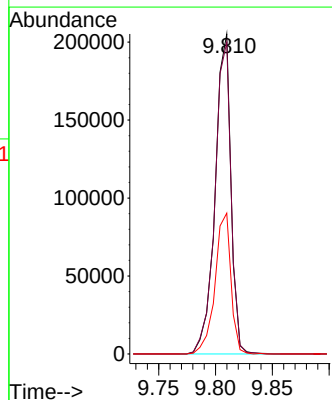
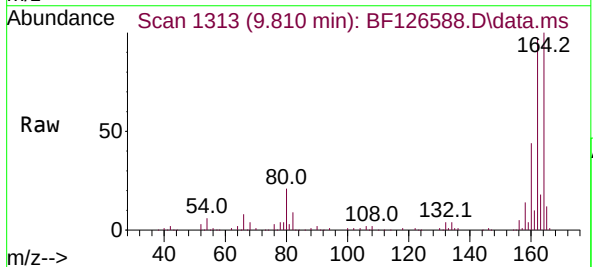
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ClientSampleId :
20220014-CAPE-1-COMP

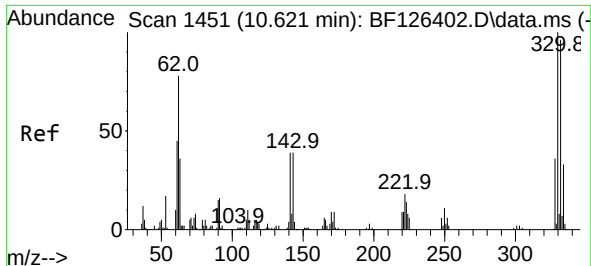
Tgt Ion: 82 Resp: 706134
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion: 164 Resp: 198348
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 44.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 173.032 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126588.D

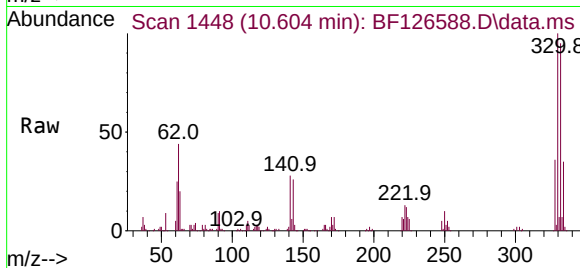
Acq: 11 Jan 2022 13:26

Instrument :

BNA_F

ClientSampleId :

20220014-CAPE-1-COMP



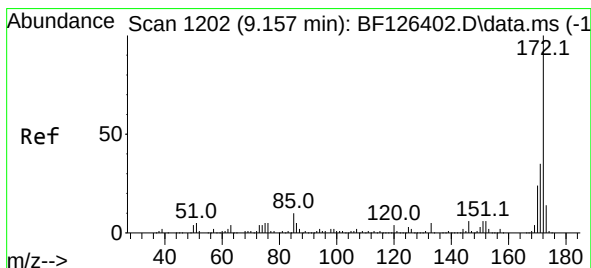
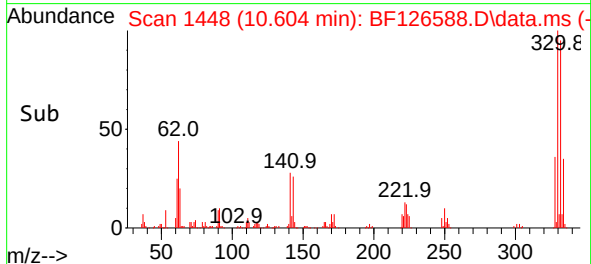
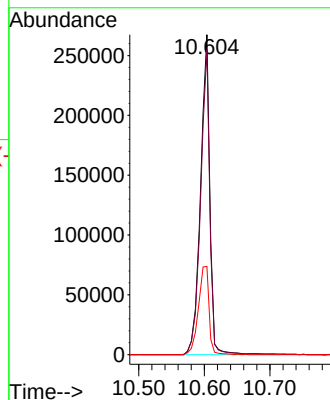
Tgt Ion:330 Resp: 265210

Ion Ratio Lower Upper

330 100

332 93.5 76.0 114.0

141 31.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 93.030 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126588.D

Acq: 11 Jan 2022 13:26

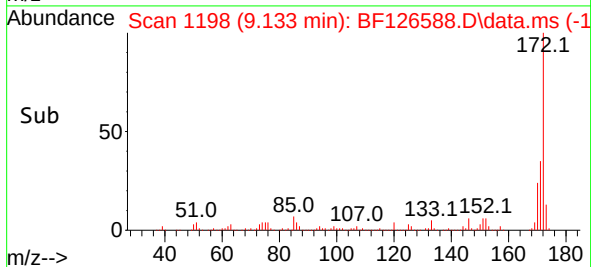
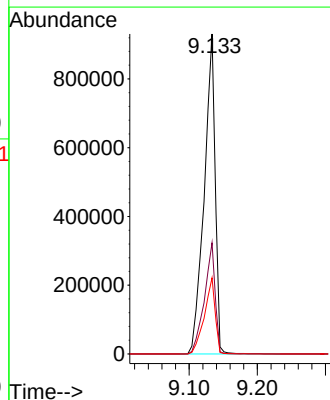
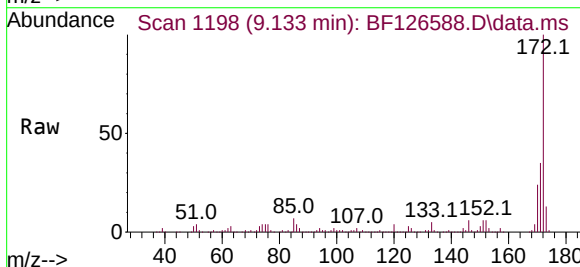
Tgt Ion:172 Resp: 1048591

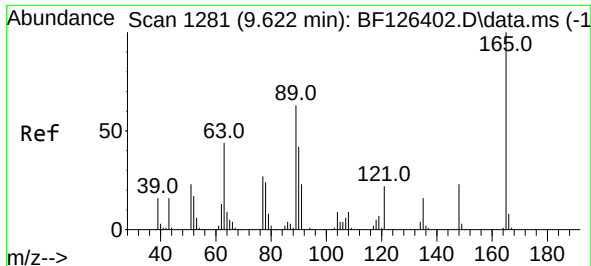
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.8 19.0 28.6

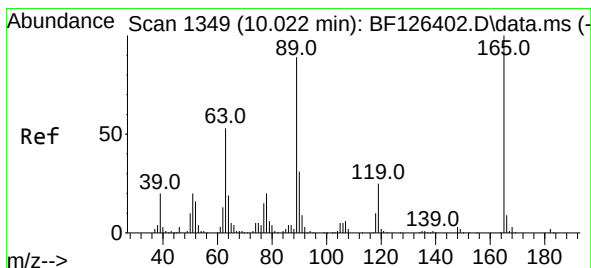
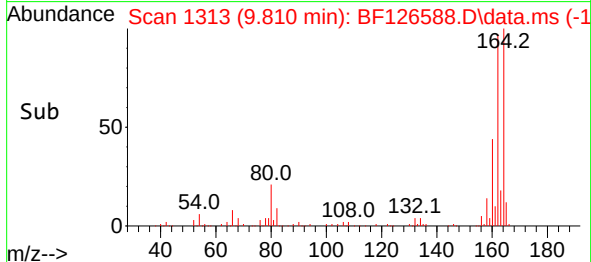
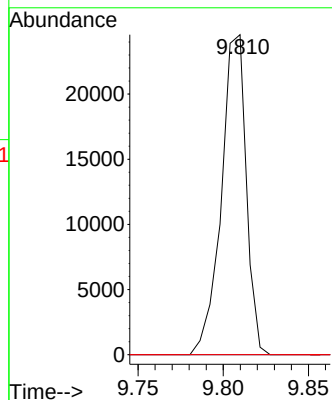
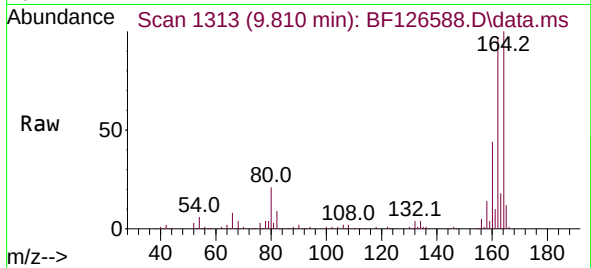




#51
2,6-Dinitrotoluene
Concen: 9.357 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

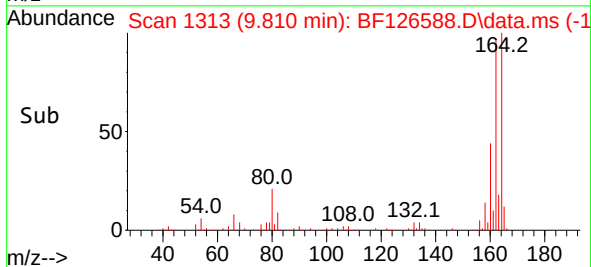
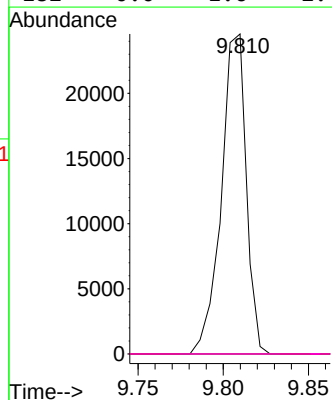
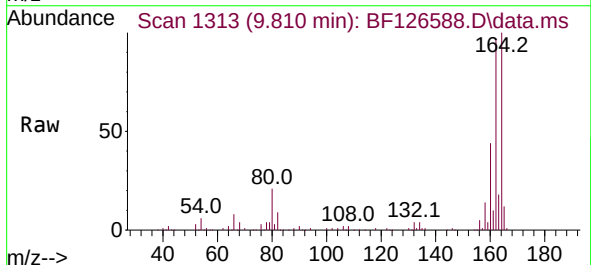
Instrument :
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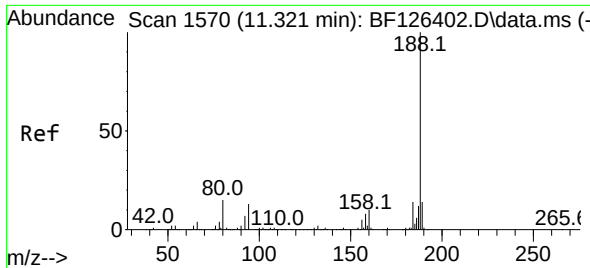
Tgt Ion:165 Resp: 25022
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.253 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion:165 Resp: 25022
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#

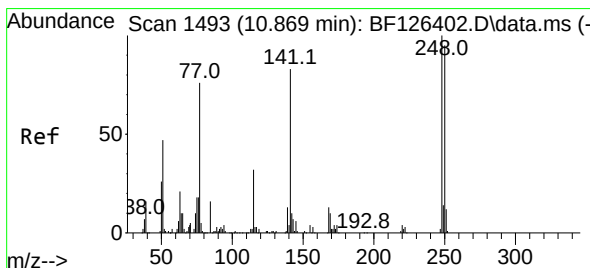
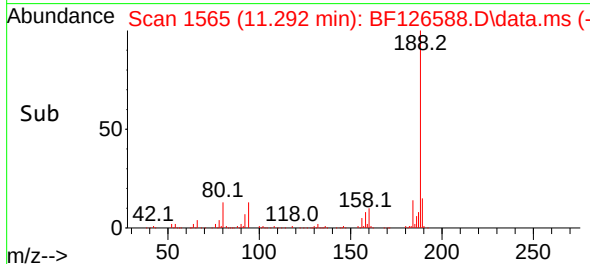
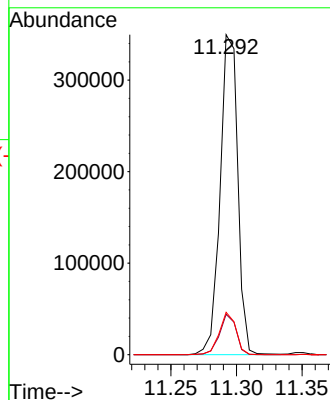
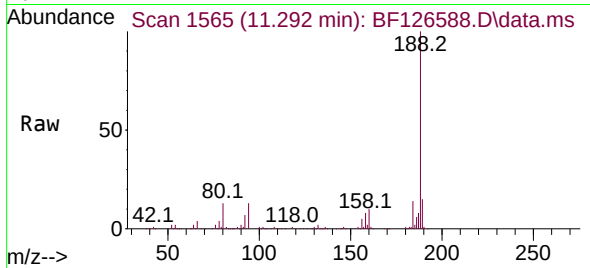




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

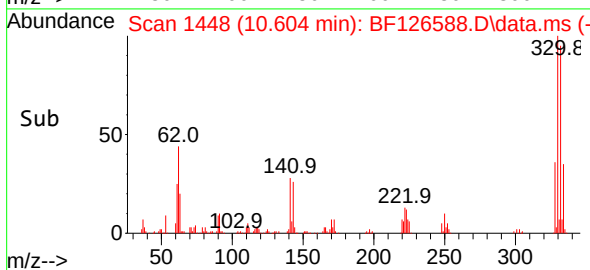
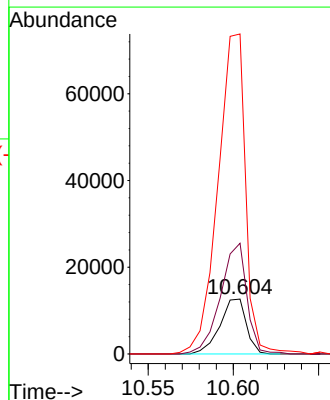
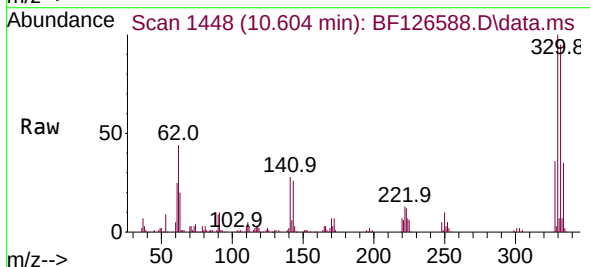
Instrument :
BNA_F
ClientSampleId :
20220014-CAPE-1-COMP

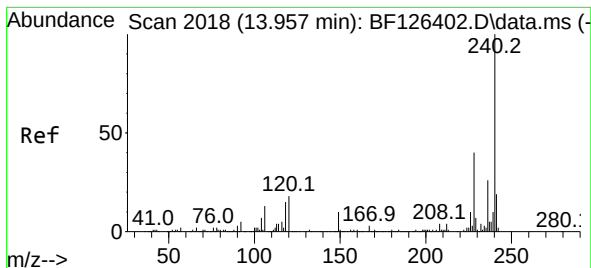
Tgt Ion:188 Resp: 326436
Ion Ratio Lower Upper
188 100
94 12.6 10.1 15.1
80 13.2 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.726 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.241 min
Lab File: BF126588.D
Acq: 11 Jan 2022 13:26

Tgt Ion:248 Resp: 13693
Ion Ratio Lower Upper
248 100
250 201.9 76.2 114.4#
141 583.4 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: BF126588.D

Acq: 11 Jan 2022 13:26

Instrument :

BNA_F

ClientSampleId :

20220014-CAPE-1-COMP

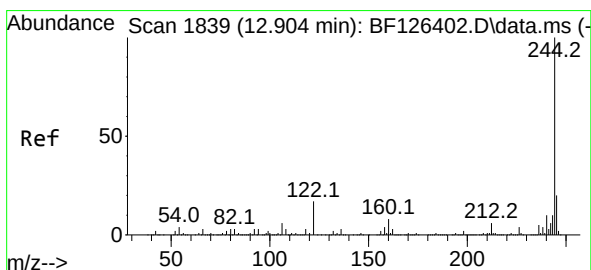
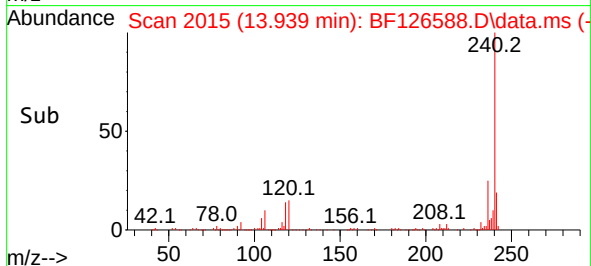
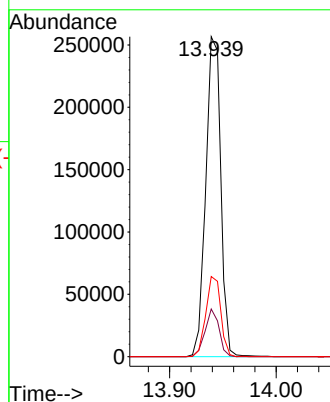
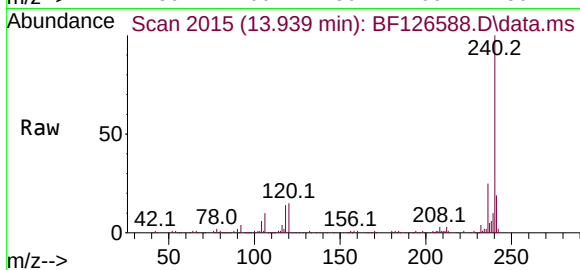
Tgt Ion:240 Resp: 252831

Ion Ratio Lower Upper

240 100

120 14.9 14.4 21.6

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 75.754 ng

RT: 12.892 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF126588.D

Acq: 11 Jan 2022 13:26

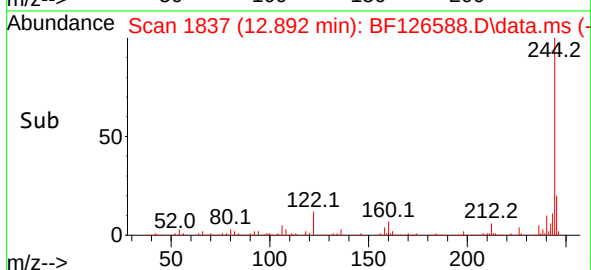
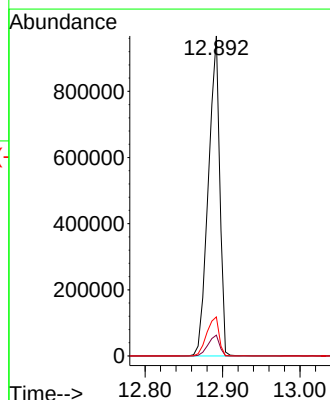
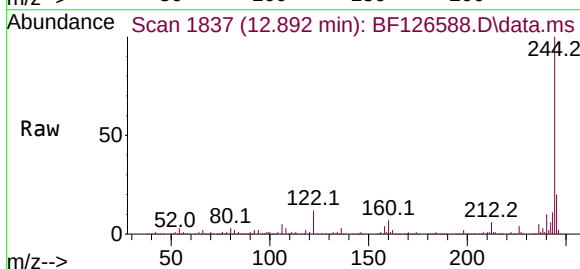
Tgt Ion:244 Resp: 985777

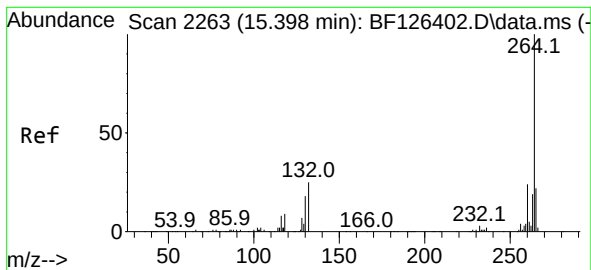
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 12.2 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: BF126588.D

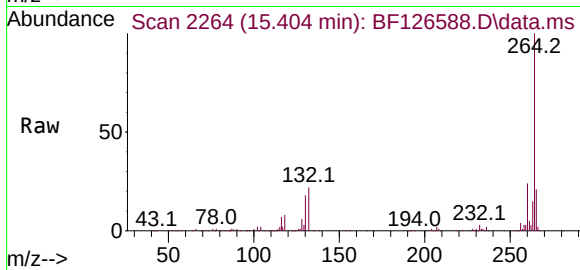
Acq: 11 Jan 2022 13:26

Instrument :

BNA_F

ClientSampleId :

20220014-CAPE-1-COMP



Tgt Ion:264 Resp: 224533

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 20.9 17.4 26.2

