

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126584.D
 Acq On : 11 Jan 2022 10:55
 Operator : JU/CG
 Sample : PB141938BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141938BL

Quant Time: Jan 11 14:07:15 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)

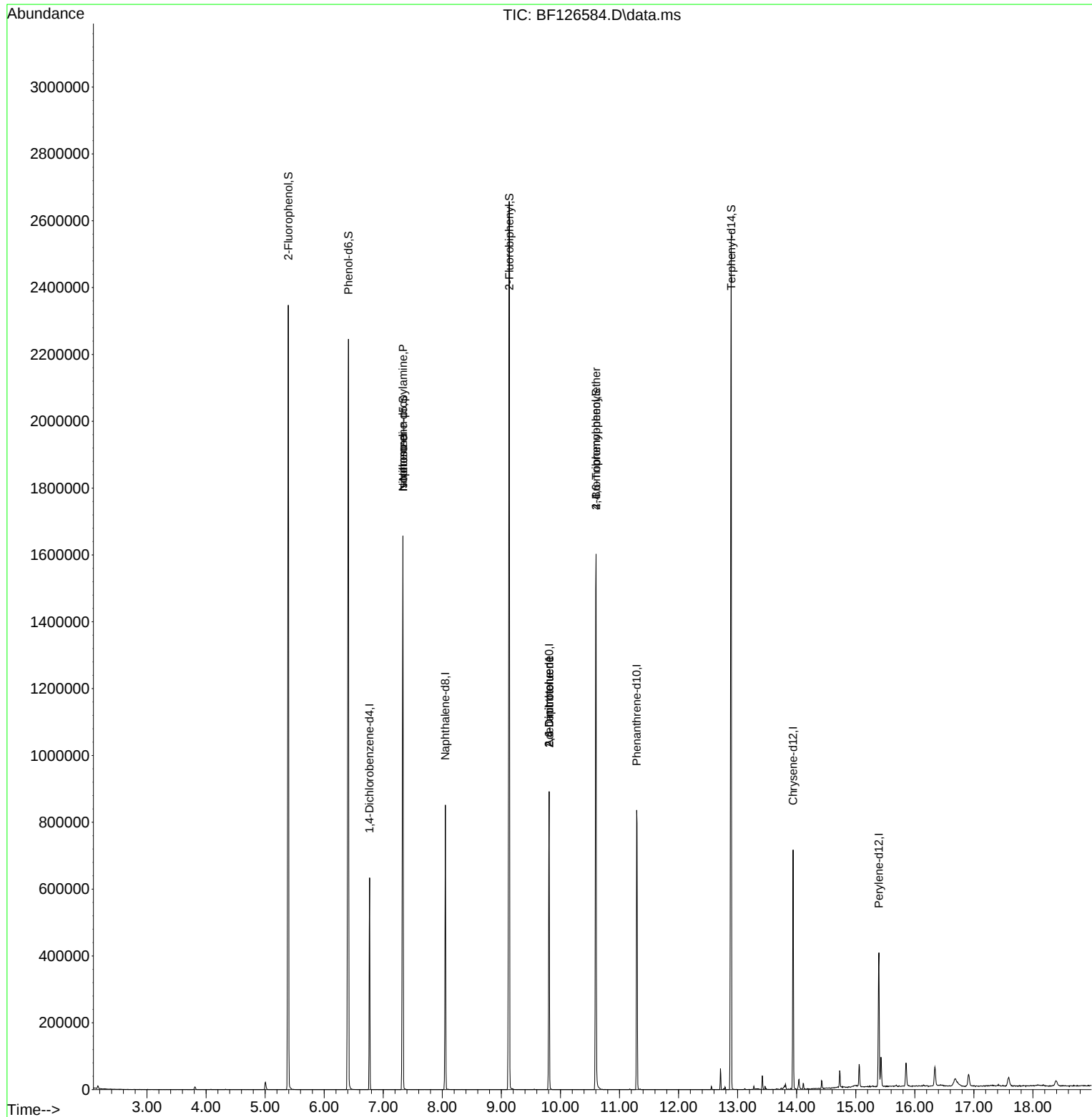
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	85559	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	371682	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	187040	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	317646	20.000	ng	0.00
76) Chrysene-d12	13.939	240	232858	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	175474	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	741885	124.521	ng	0.01
7) Phenol-d6	6.410	99	917933	118.954	ng	0.00
23) Nitrobenzene-d5	7.334	82	609474	84.196	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	225468	155.996	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	916834	86.258	ng	0.00
79) Terphenyl-d14	12.892	244	958245	79.955	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	77601	17.623	ng	# 79
25) Isophorone	7.334	82	609109	47.005	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	24084	9.551	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	24084	7.403	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	11789	4.181	ng	# 1
77) Benzydine	12.892	184	11577	Below Cal		98

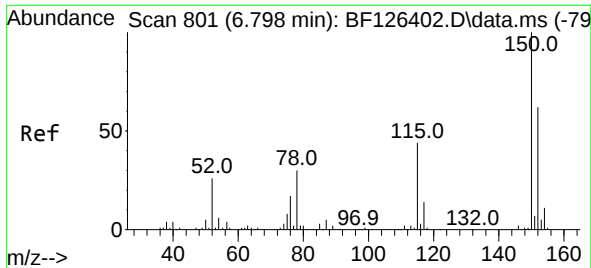
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
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ClientSampleId :
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Quant Time: Jan 11 14:07:15 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

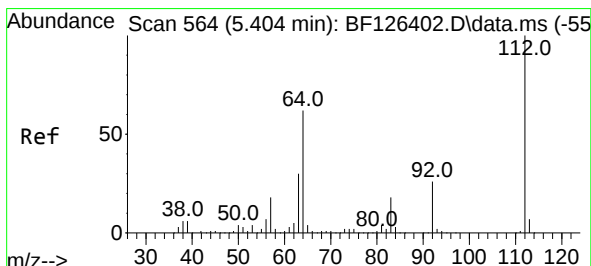
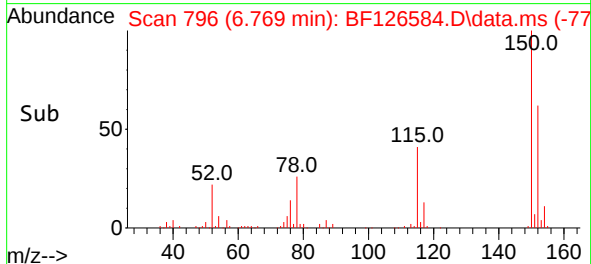
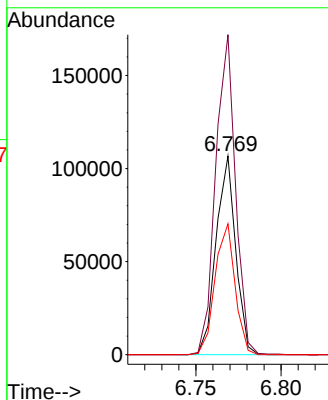
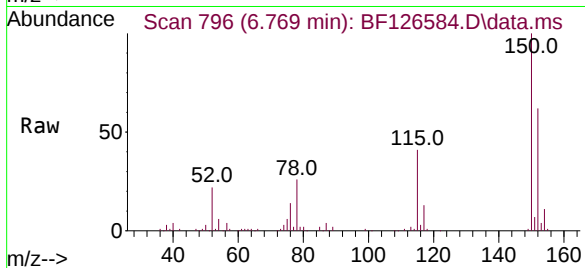




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.769 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF126584.D
 Acq: 11 Jan 2022 10:55

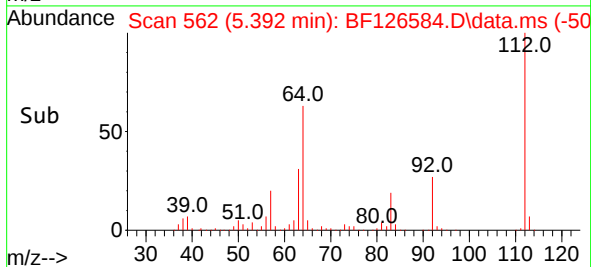
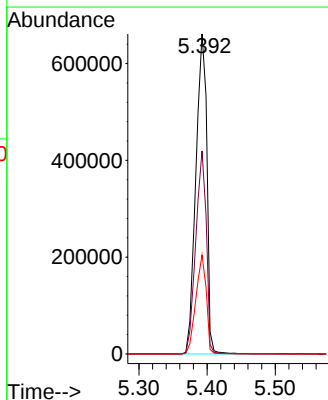
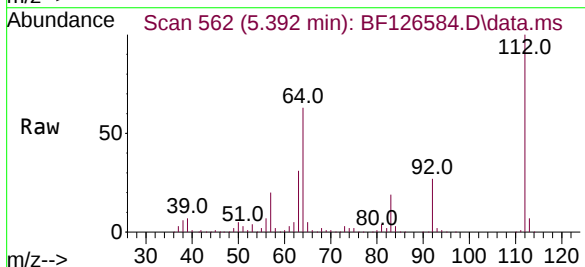
Instrument :
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 ClientSampleId :
 PB141938BL

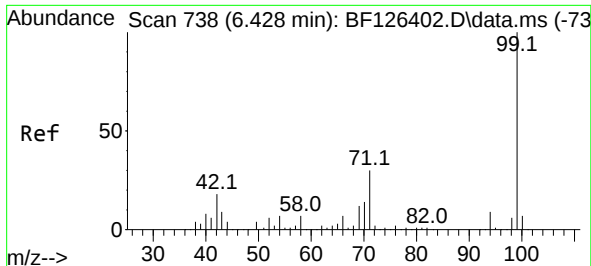
Tgt Ion:152 Resp: 85559
 Ion Ratio Lower Upper
 152 100
 150 161.1 128.1 192.1
 115 65.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 124.521 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.012 min
 Lab File: BF126584.D
 Acq: 11 Jan 2022 10:55

Tgt Ion:112 Resp: 741885
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.5 74.3
 63 30.9 23.9 35.9

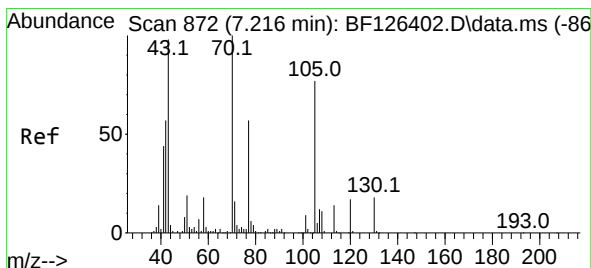
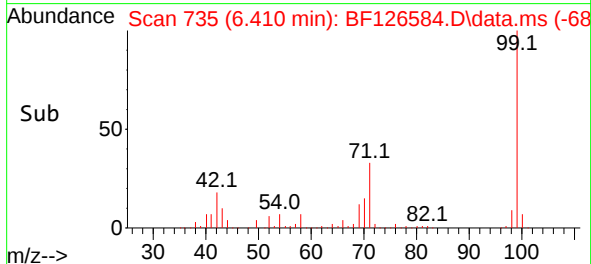
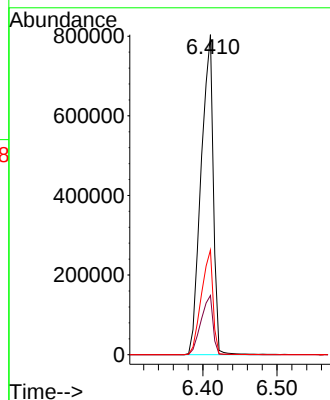
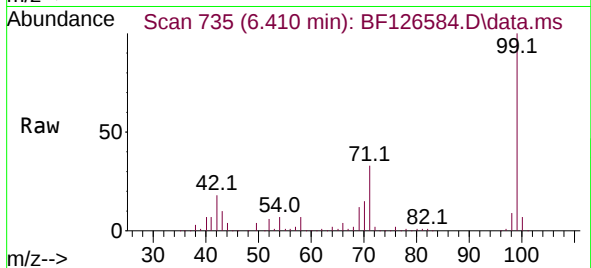




#7
Phenol-d6
Concen: 118.954 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

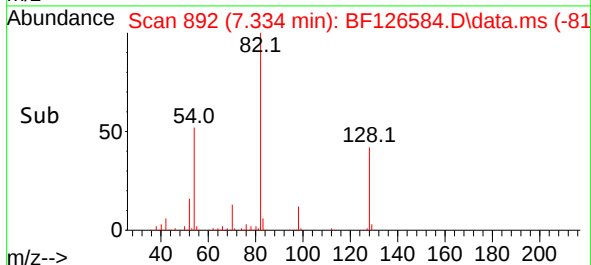
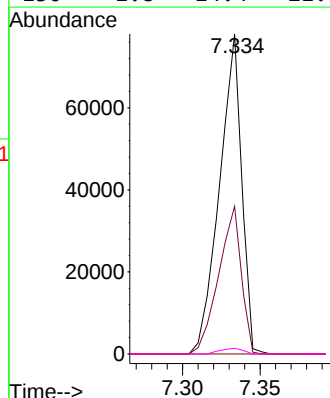
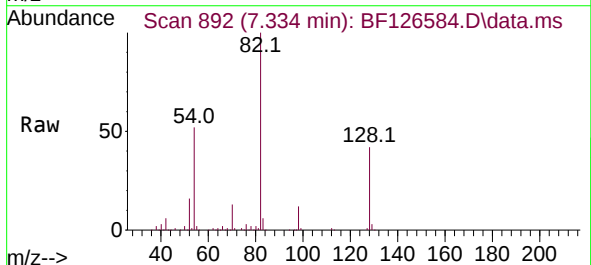
Instrument :
BNA_F
ClientSampleId :
PB141938BL

Tgt Ion: 99 Resp: 917933
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 32.7 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.623 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion: 70 Resp: 77601
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#

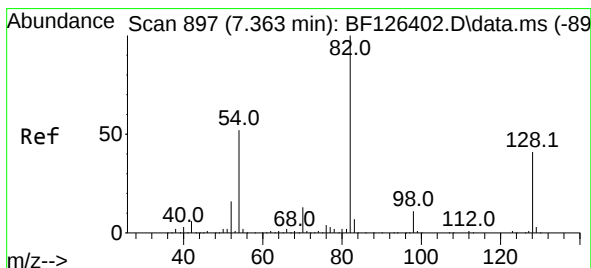
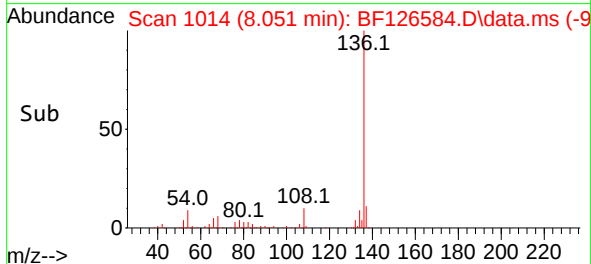
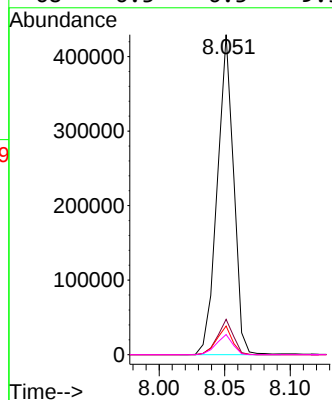
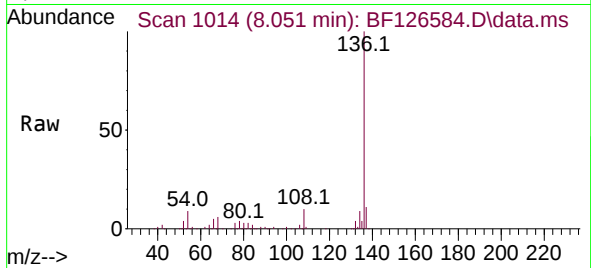




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

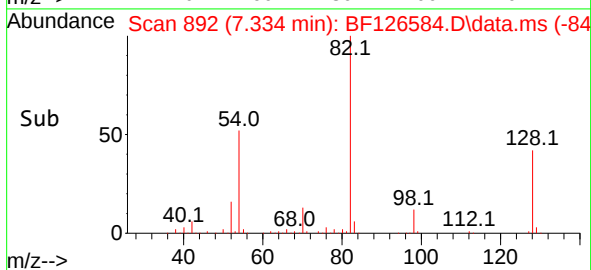
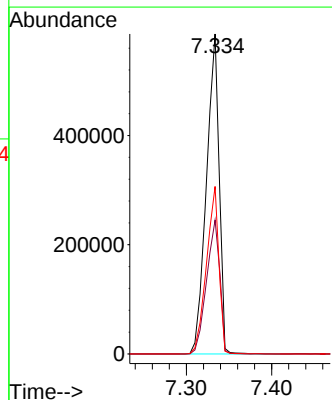
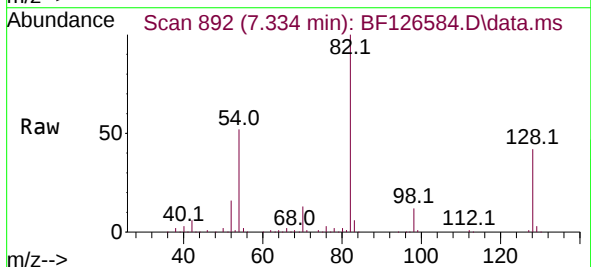
Instrument :
BNA_F
ClientSampleId :
PB141938BL

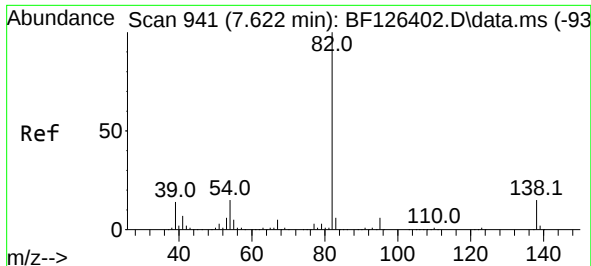
Tgt Ion:136 Resp: 371682
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.8 11.6
68 6.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 84.196 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion: 82 Resp: 609474
Ion Ratio Lower Upper
82 100
128 41.9 32.7 49.1
54 52.4 41.7 62.5

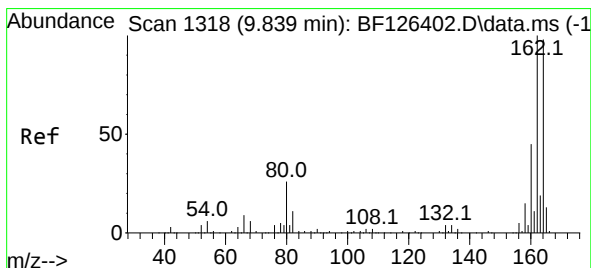
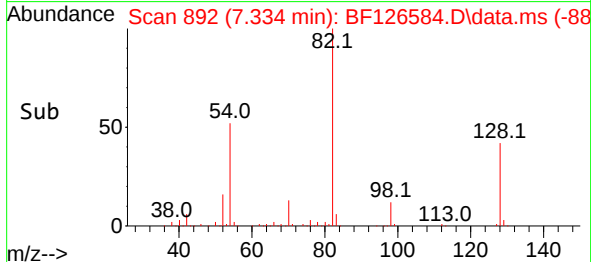
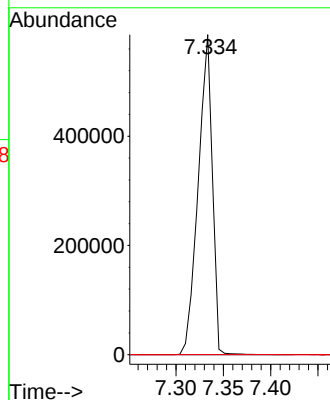
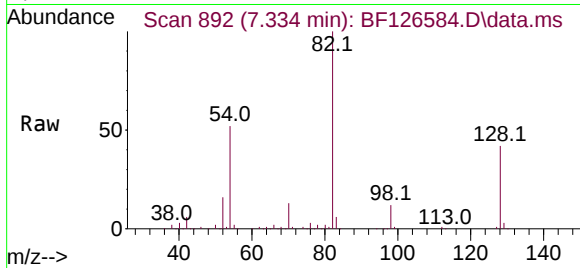




#25
Isophorone
Concen: 47.005 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

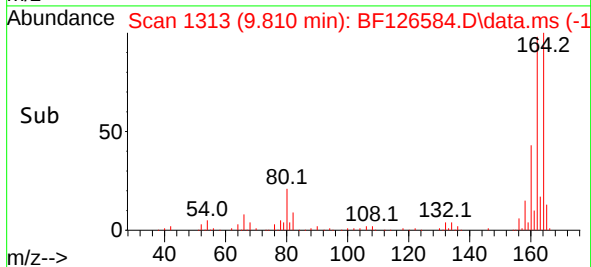
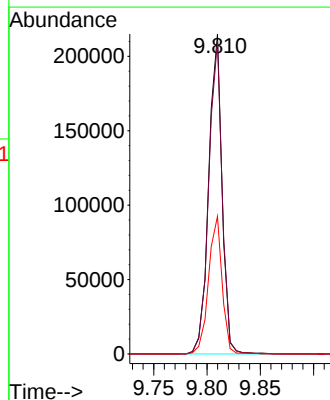
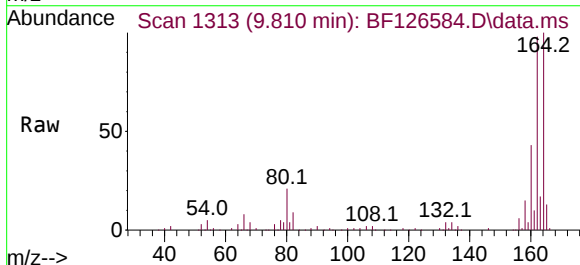
Instrument :
BNA_F
ClientSampleId :
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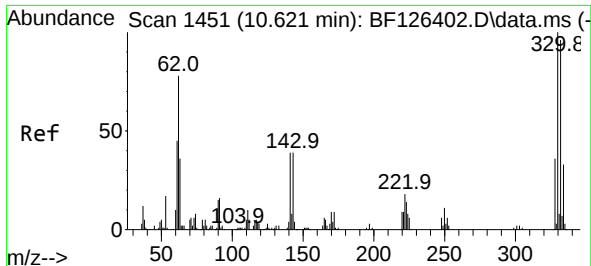
Tgt Ion: 82 Resp: 609109
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion:164 Resp: 187040
Ion Ratio Lower Upper
164 100
162 97.7 81.4 122.0
160 43.0 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 155.996 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126584.D

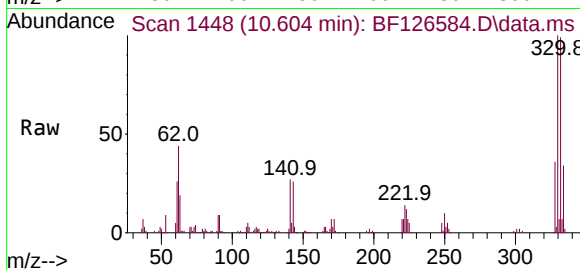
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Instrument :

BNA_F

ClientSampleId :

PB141938BL



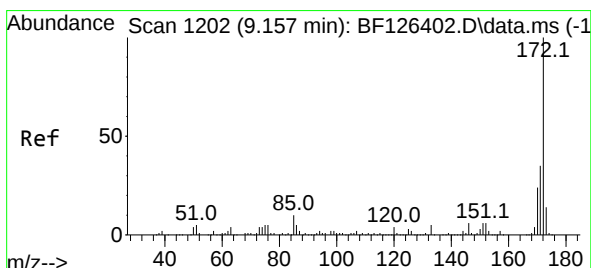
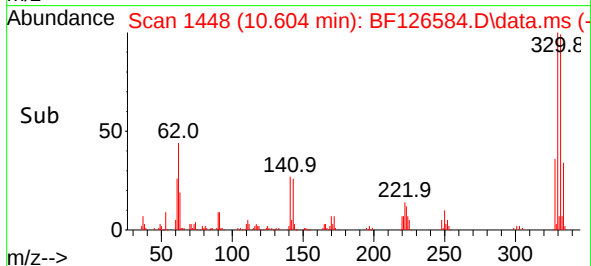
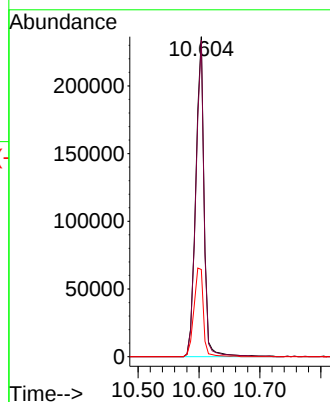
Tgt Ion:330 Resp: 225468

Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 31.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.258 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126584.D

Acq: 11 Jan 2022 10:55

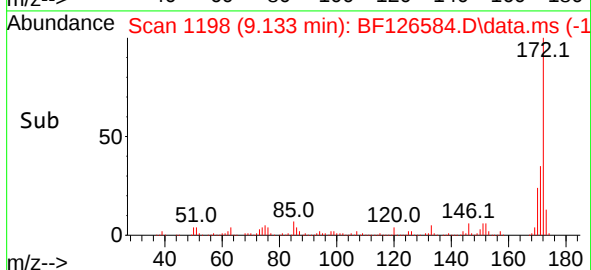
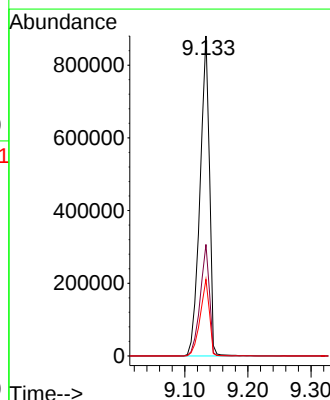
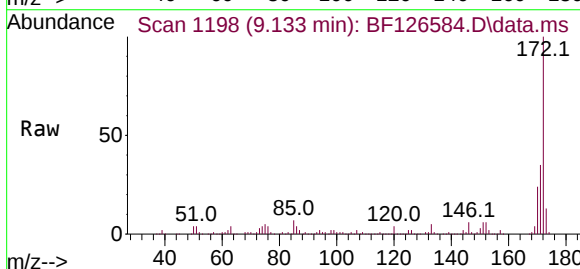
Tgt Ion:172 Resp: 916834

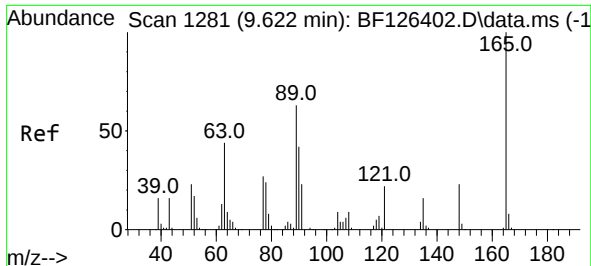
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.9 19.0 28.6

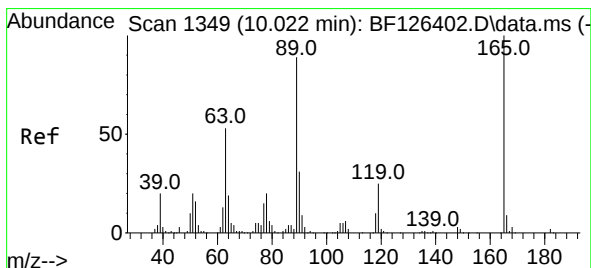
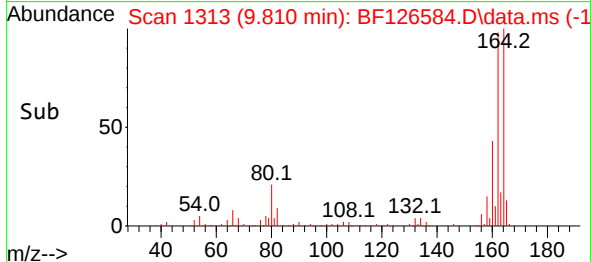
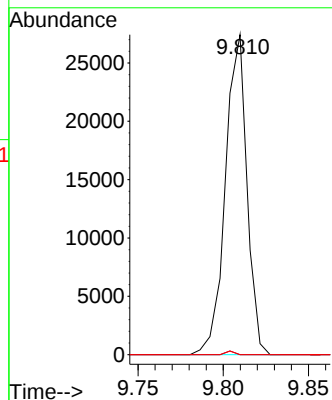
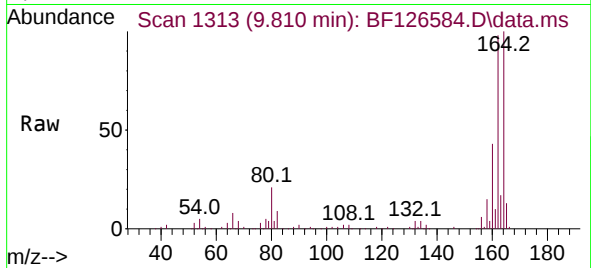




#51
2,6-Dinitrotoluene
Concen: 9.551 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

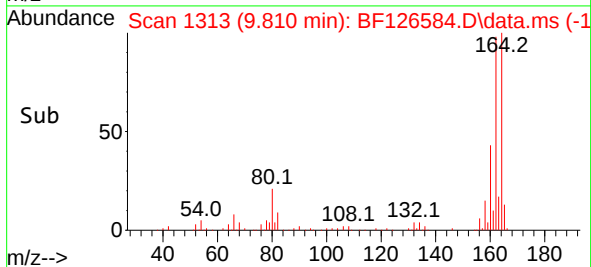
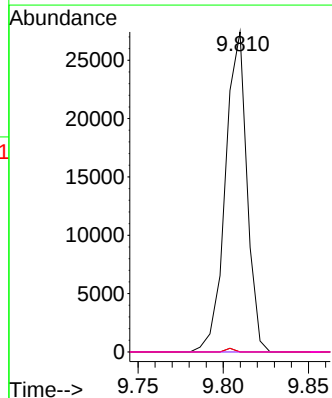
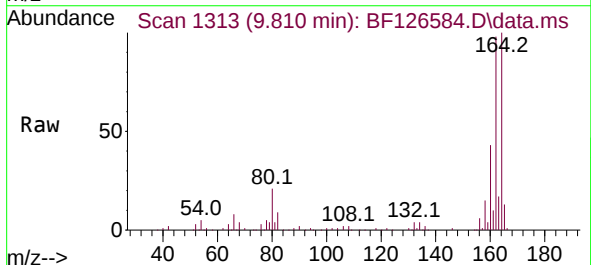
Instrument :
BNA_F
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PB141938BL

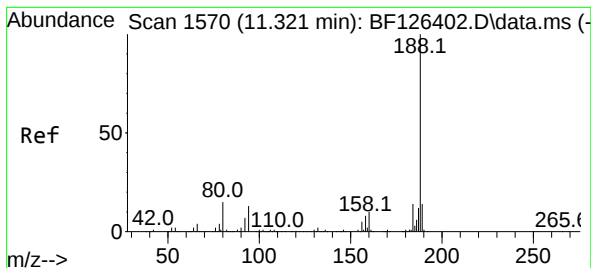
Tgt Ion:165 Resp: 24084
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.403 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion:165 Resp: 24084
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#

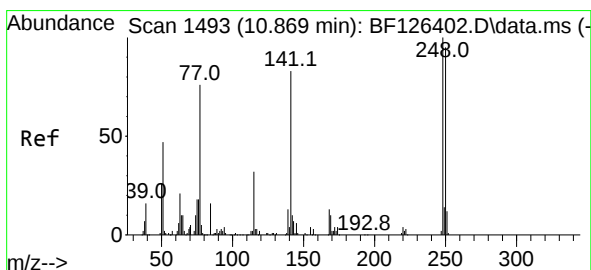
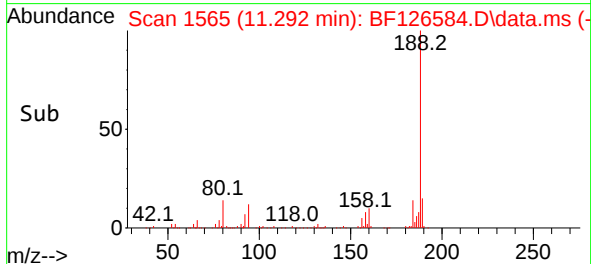
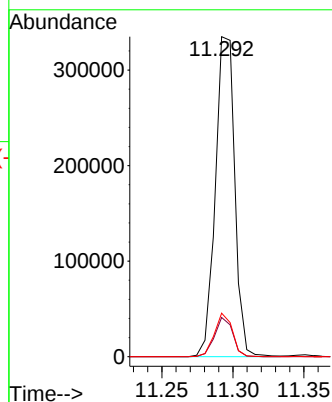
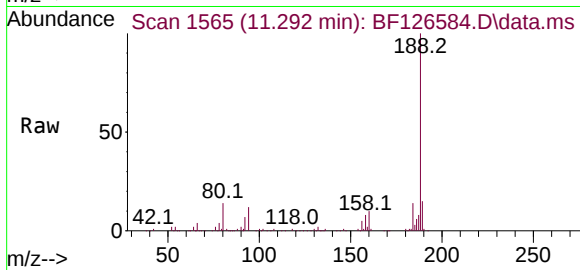




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

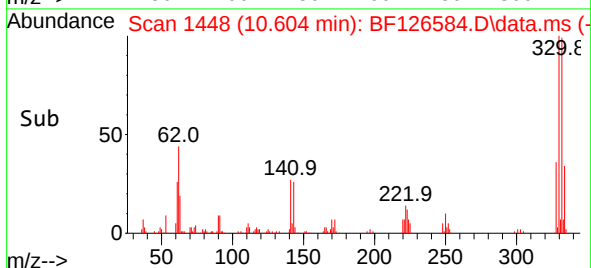
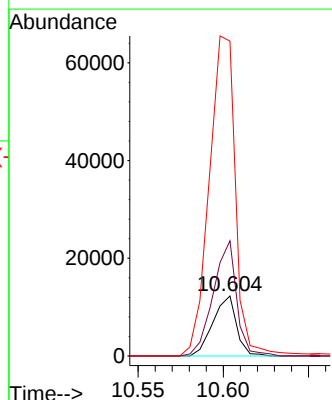
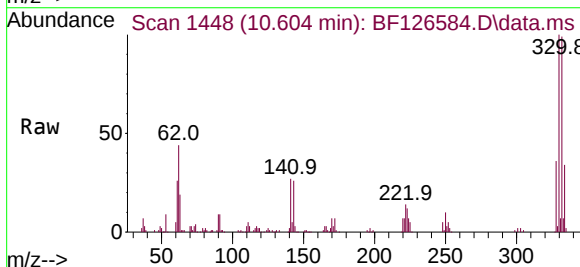
Instrument :
BNA_F
ClientSampleId :
PB141938BL

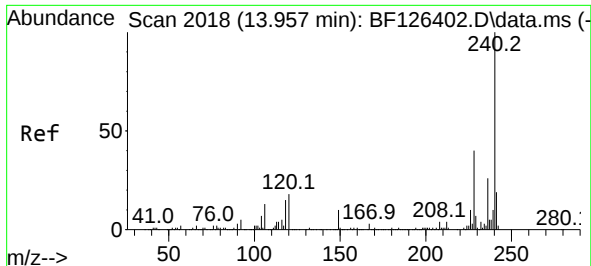
Tgt Ion:188 Resp: 317646
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 13.6 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.181 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.241 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Tgt Ion:248 Resp: 11789
Ion Ratio Lower Upper
248 100
250 191.7 76.2 114.4#
141 524.4 66.2 99.4#

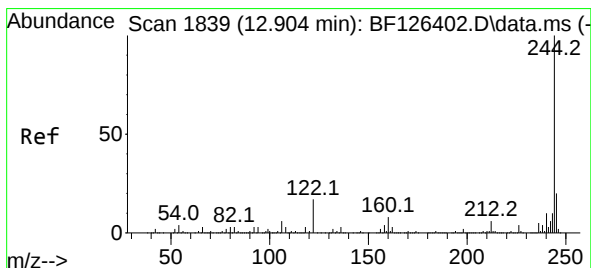
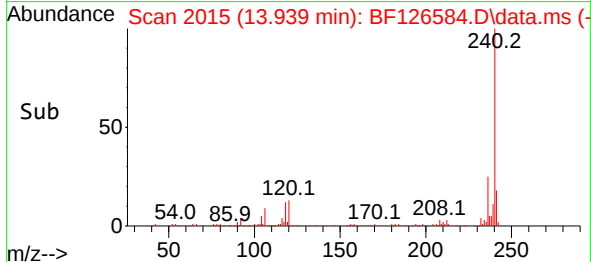
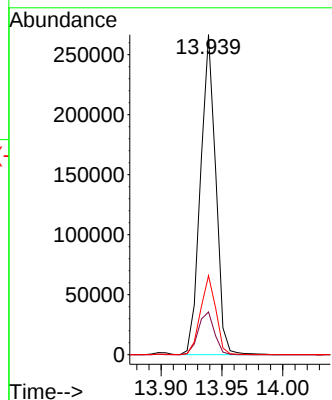
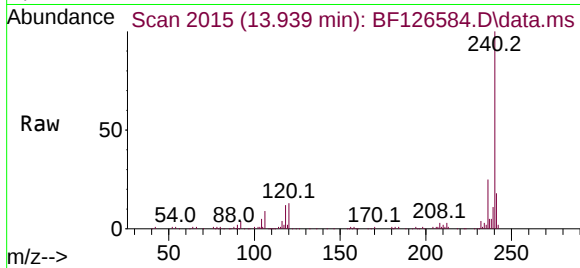




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

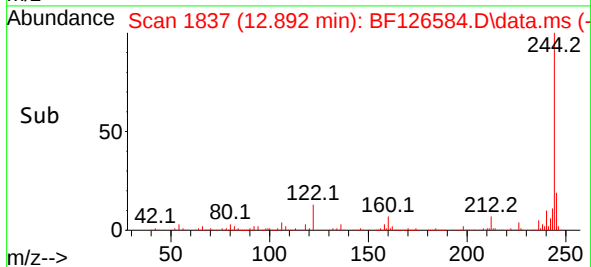
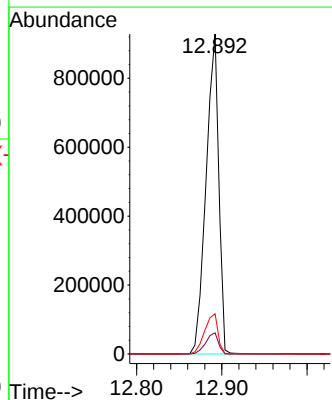
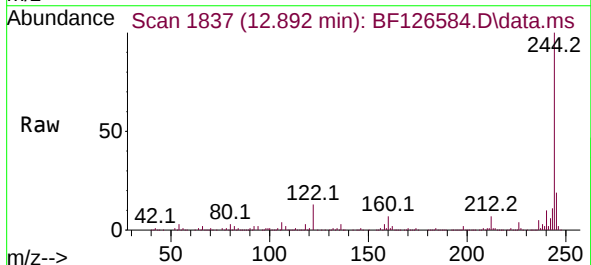
Instrument :
BNA_F
ClientSampleId :
PB141938BL

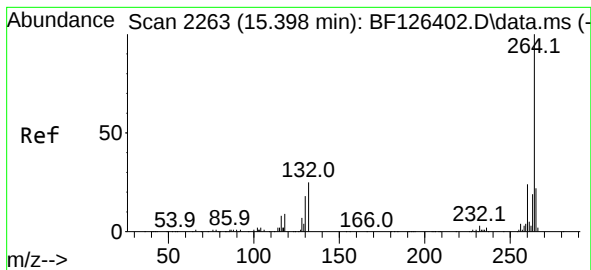
Tgt Ion:240 Resp: 232858
Ion Ratio Lower Upper
240 100
120 13.4 14.4 21.6#
236 24.7 20.5 30.7



#79
Terphenyl-d14
Concen: 79.955 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

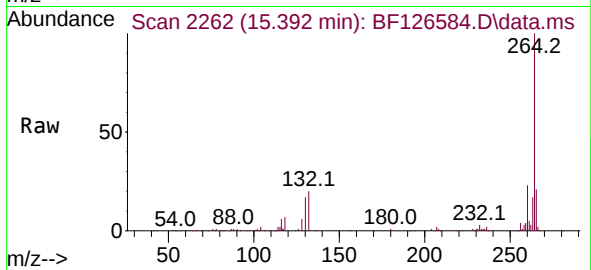
Tgt Ion:244 Resp: 958245
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 12.6 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126584.D
Acq: 11 Jan 2022 10:55

Instrument :
BNA_F
ClientSampleId :
PB141938BL



Tgt Ion:264 Resp: 175474

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.4	26.2

