

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
 Data File : BF126593.D
 Acq On : 11 Jan 2022 17:03
 Operator : JU/CG
 Sample : PB141624BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141624BL

Quant Time: Jan 11 17:25:34 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)

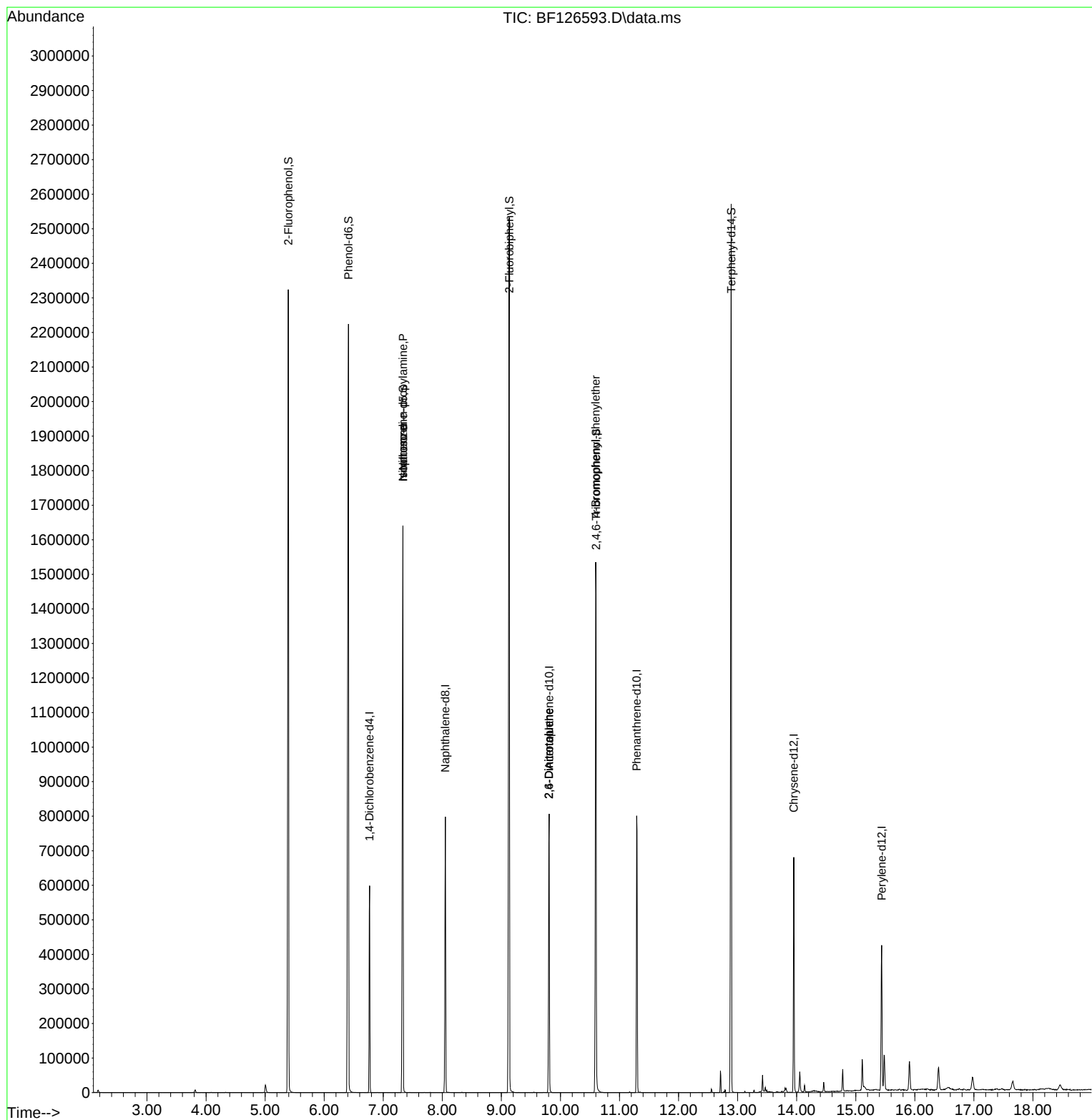
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	87745	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	372908	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	185003	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	307007	20.000	ng	0.00
76) Chrysene-d12	13.951	240	230043	20.000	ng	0.00
86) Perylene-d12	15.439	264	185572	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	735993	120.455	ng	0.01
7) Phenol-d6	6.410	99	917689	115.959	ng	0.00
23) Nitrobenzene-d5	7.334	82	599819	82.590	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	226034	158.110	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	910013	86.559	ng	0.00
79) Terphenyl-d14	12.892	244	923117	77.966	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.334	70	76551	16.951	ng	# 81
25) Isophorone	7.334	82	599402	46.104	ng	# 69
51) 2,6-Dinitrotoluene	9.804	165	23377	9.372	ng	# 20
57) 2,4-Dinitrotoluene	9.804	165	23377	7.265	ng	# 14
67) 4-Bromophenyl-phenylether	10.598	248	11253	4.130	ng	# 1
77) Benzidine	12.892	184	11991	Below Cal		97

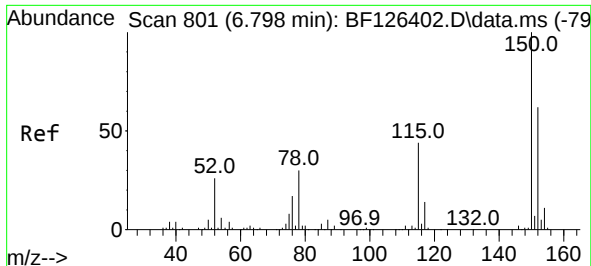
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011122\
Data File : BF126593.D
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BNA_F
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Quant Time: Jan 11 17:25:34 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

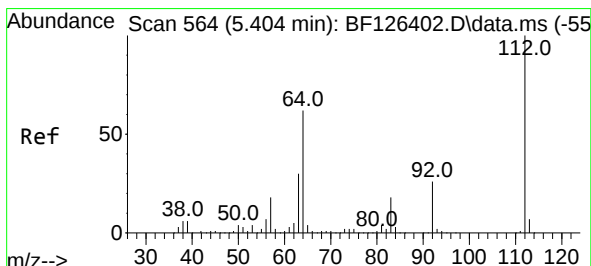
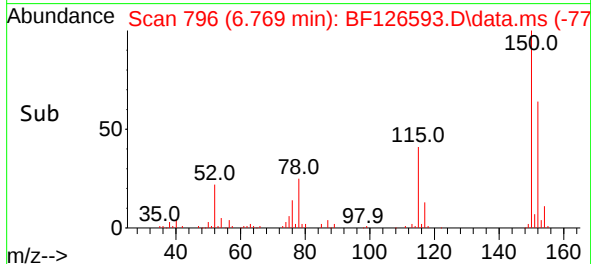
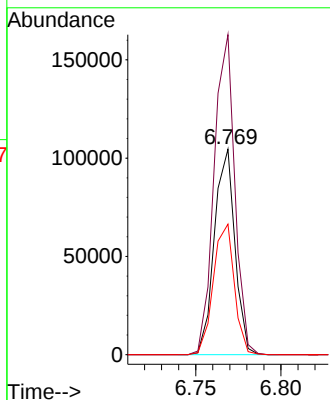
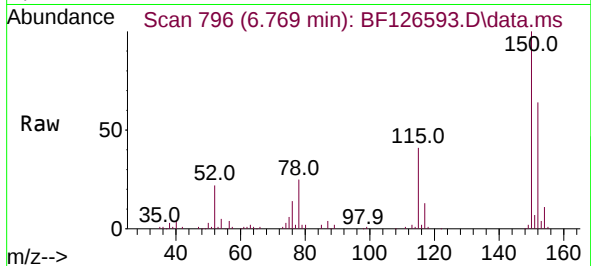




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

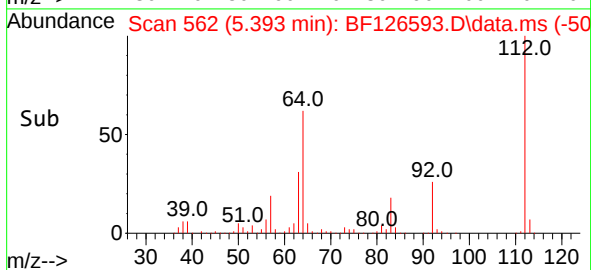
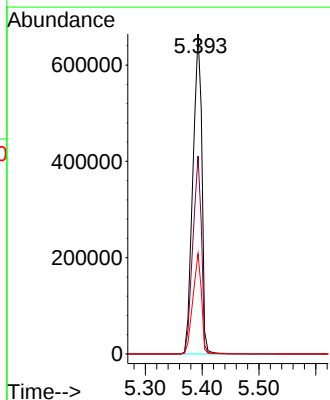
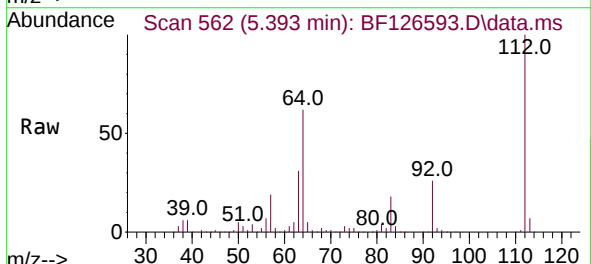
Instrument :
BNA_F
ClientSampleId :
PB141624BL

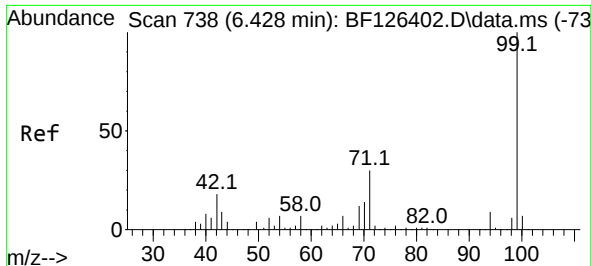
Tgt Ion:152 Resp: 87745
Ion Ratio Lower Upper
152 100
150 155.8 128.1 192.1
115 63.6 56.7 85.1



#5
2-Fluorophenol
Concen: 120.455 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

Tgt Ion:112 Resp: 735993
Ion Ratio Lower Upper
112 100
64 61.8 49.5 74.3
63 31.3 23.9 35.9

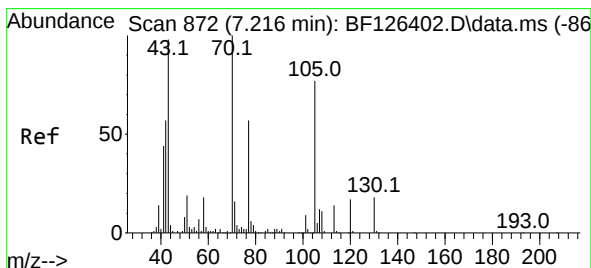
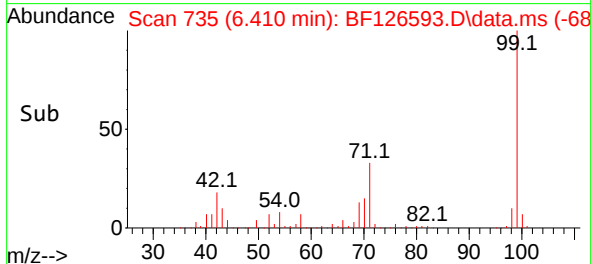
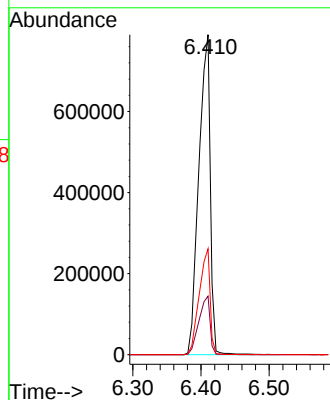
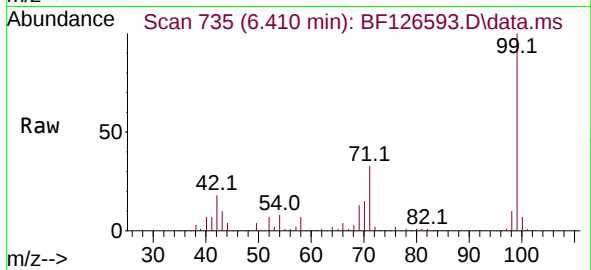




#7
Phenol-d6
Concen: 115.959 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

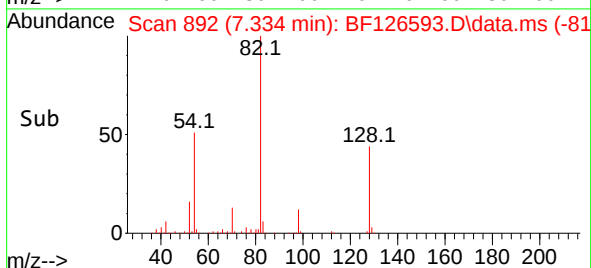
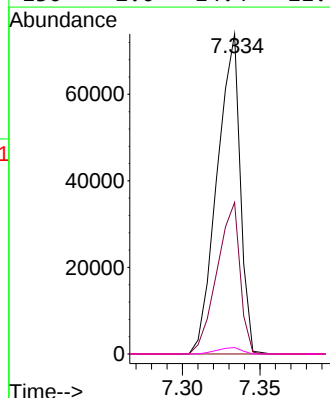
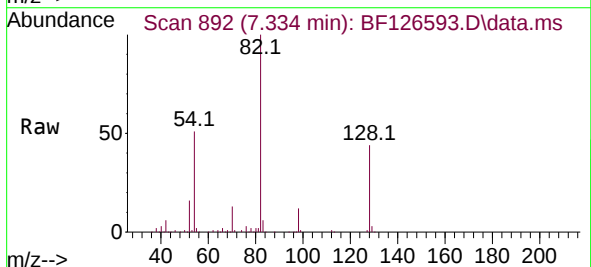
Instrument :
BNA_F
ClientSampleId :
PB141624BL

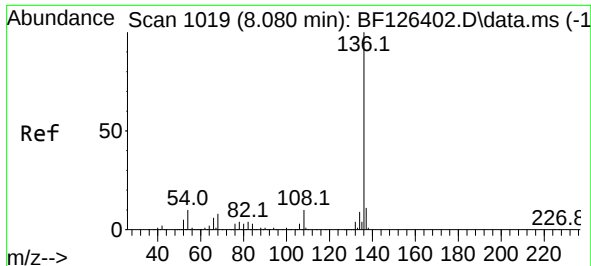
Tgt Ion: 99 Resp: 917689
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 33.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.951 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

Tgt Ion: 70 Resp: 76551
Ion Ratio Lower Upper
70 100
42 47.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#

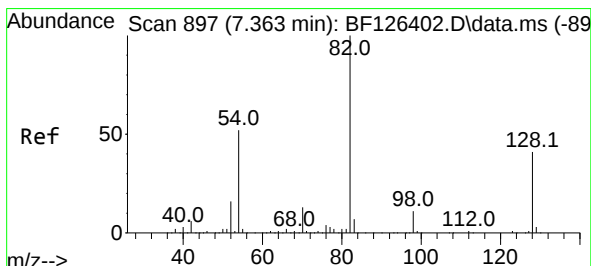
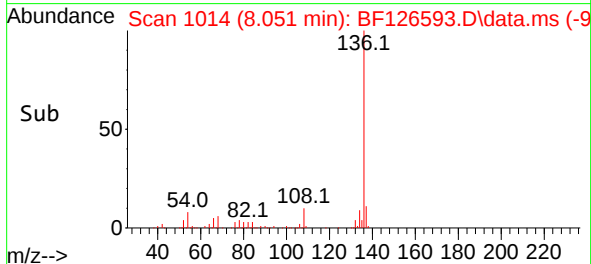
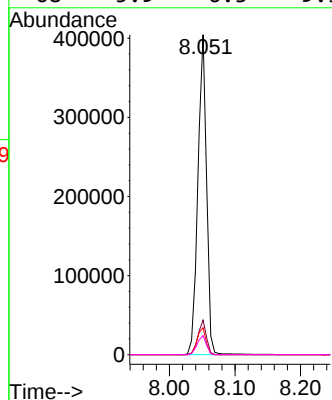
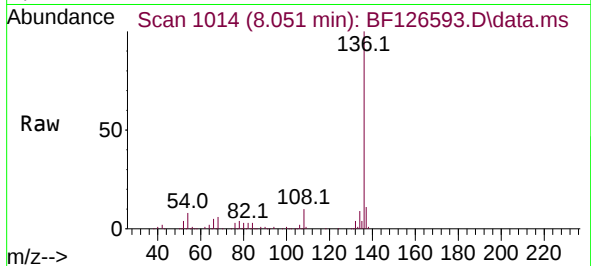




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

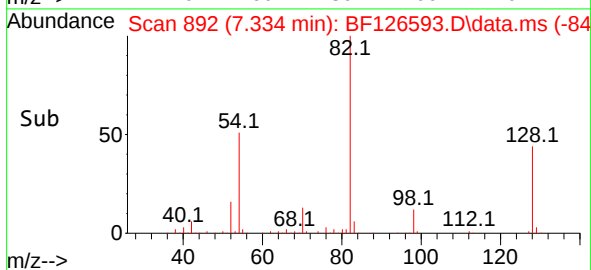
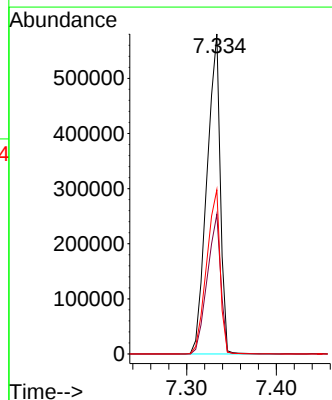
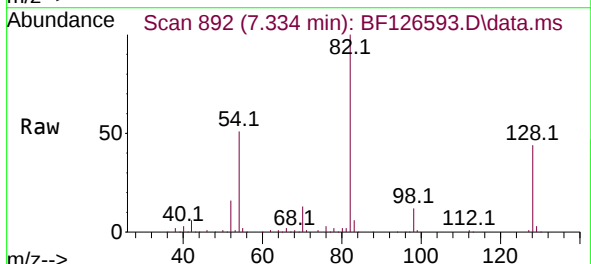
Instrument :
BNA_F
ClientSampleId :
PB141624BL

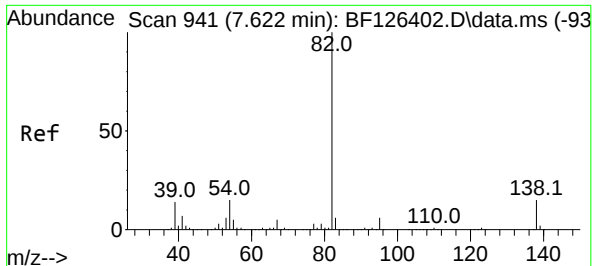
Tgt Ion:136 Resp: 372908
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.590 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

Tgt Ion: 82 Resp: 599819
Ion Ratio Lower Upper
82 100
128 43.6 32.7 49.1
54 51.3 41.7 62.5

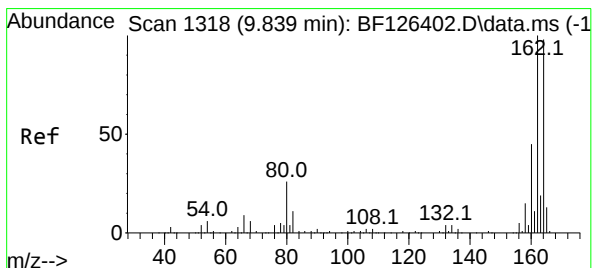
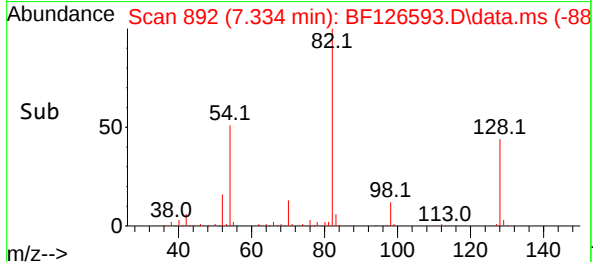
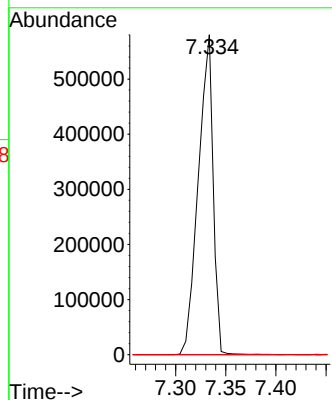
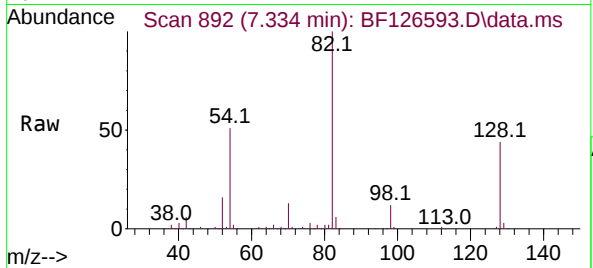




#25
Isophorone
Concen: 46.104 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

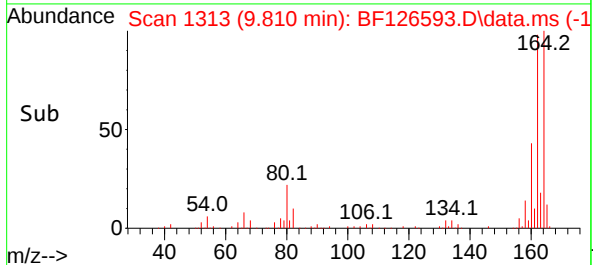
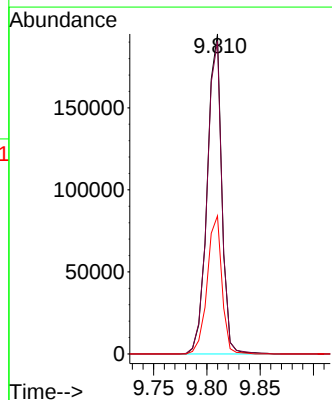
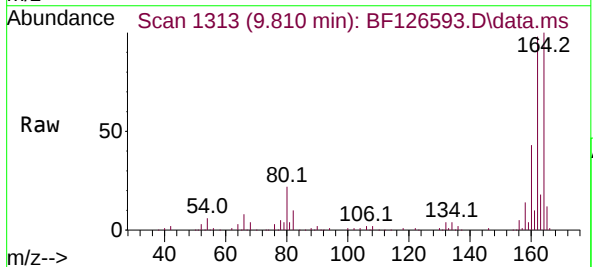
Instrument :
BNA_F
ClientSampleId :
PB141624BL

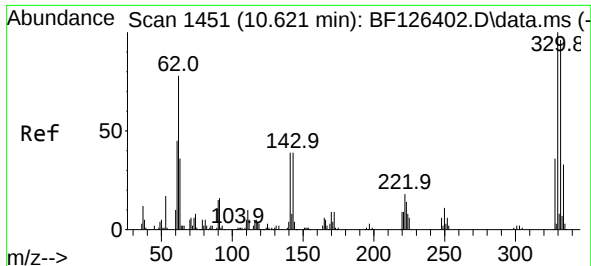
Tgt Ion: 82 Resp: 599402
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

Tgt Ion: 164 Resp: 185003
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 43.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 158.110 ng

RT: 10.604 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126593.D

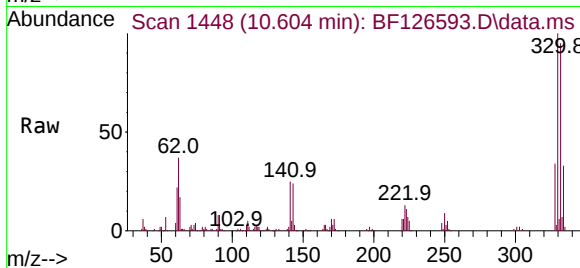
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Instrument :

BNA_F

ClientSampleId :

PB141624BL



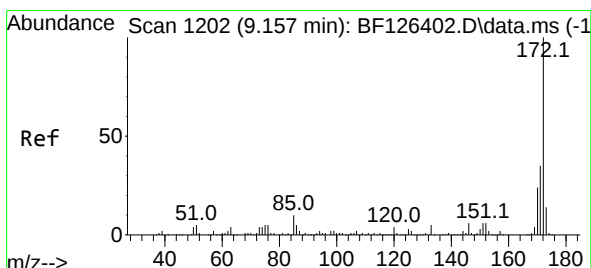
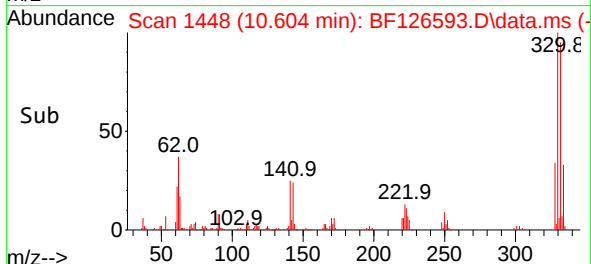
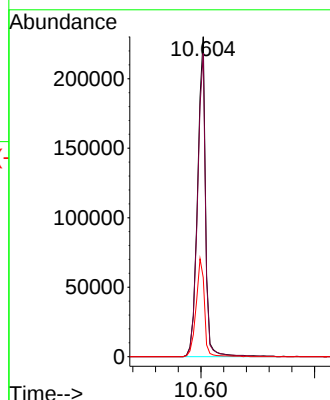
Tgt Ion:330 Resp: 226034

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 32.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.559 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126593.D

Acq: 11 Jan 2022 17:03

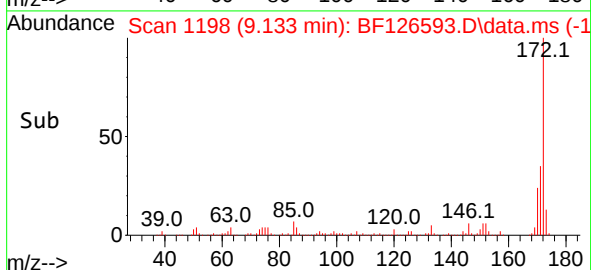
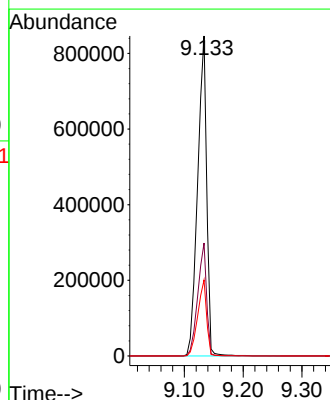
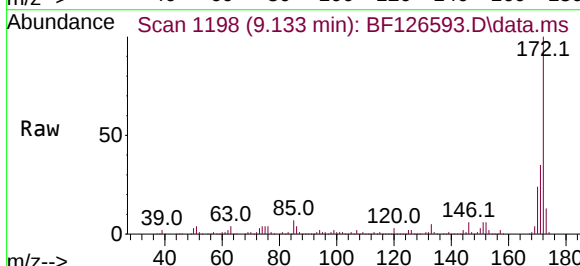
Tgt Ion:172 Resp: 910013

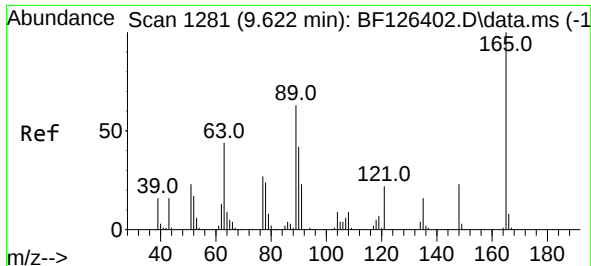
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.372 ng

RT: 9.804 min Scan# 1312

Delta R.T. 0.206 min

Lab File: BF126593.D

Acq: 11 Jan 2022 17:03

Instrument :

BNA_F

ClientSampleId :

PB141624BL

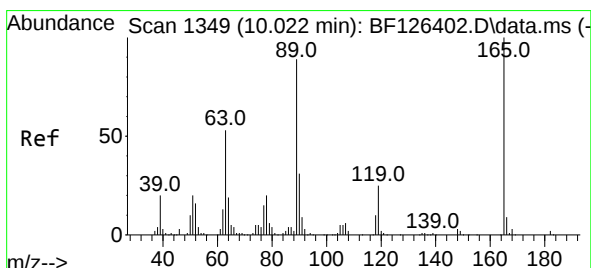
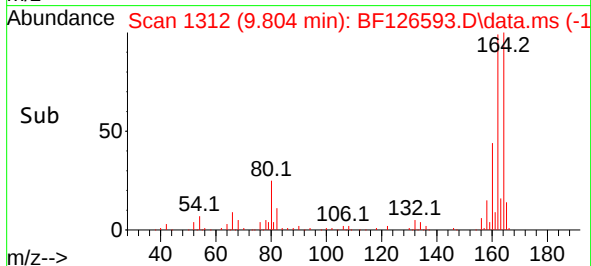
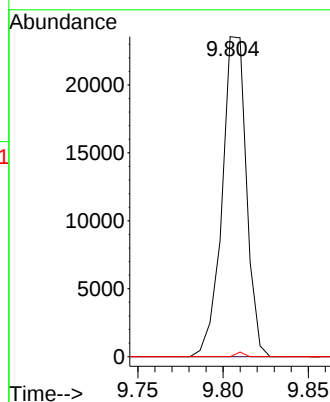
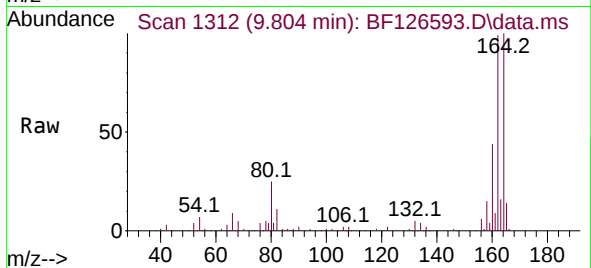
Tgt Ion:165 Resp: 23377

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: 7.265 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.200 min

Lab File: BF126593.D

Acq: 11 Jan 2022 17:03

Tgt Ion:165 Resp: 23377

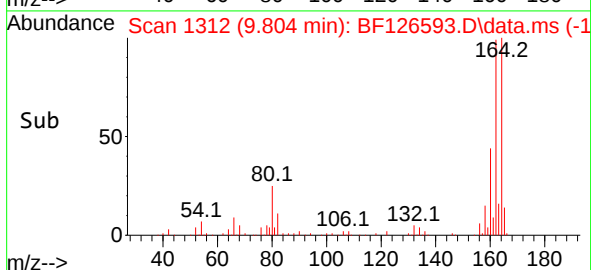
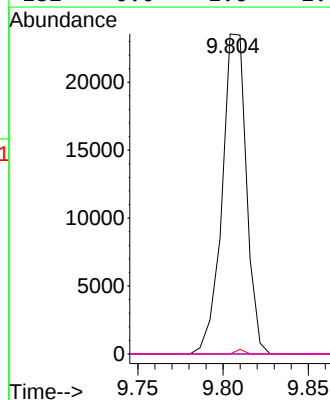
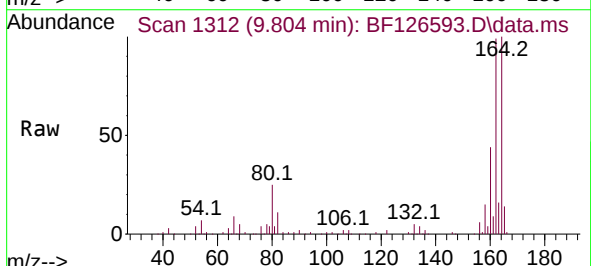
Ion Ratio Lower Upper

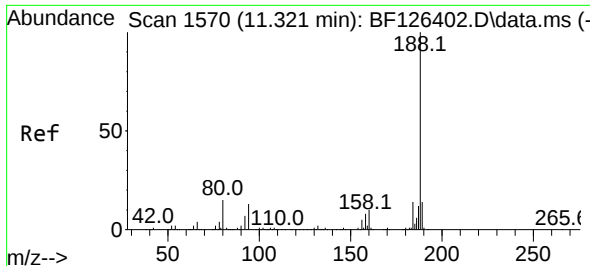
165 100

63 0.0 43.0 64.6#

89 0.0 71.0 106.4#

182 0.0 1.6 2.4#

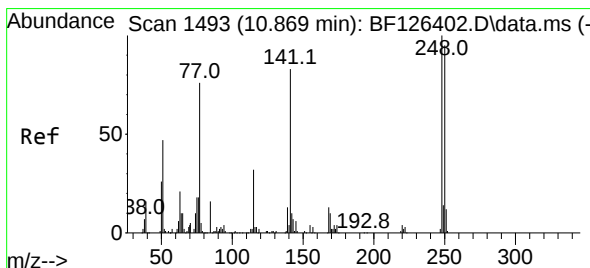
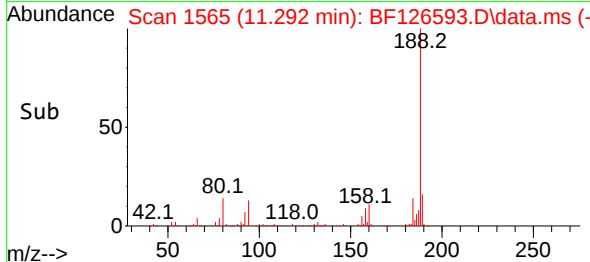
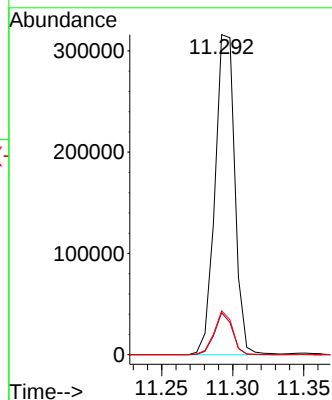
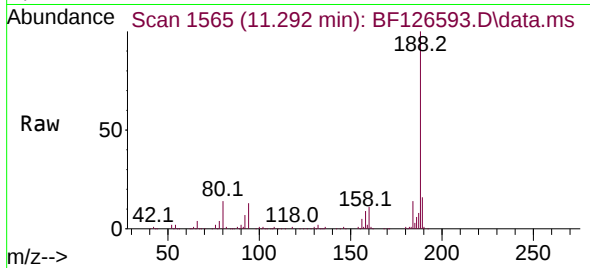




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

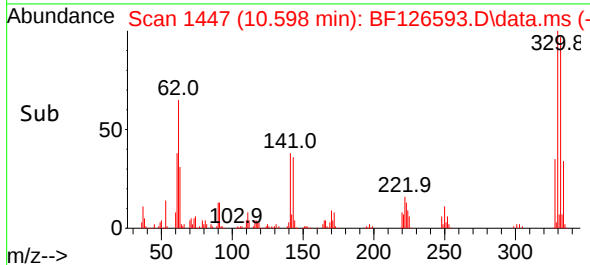
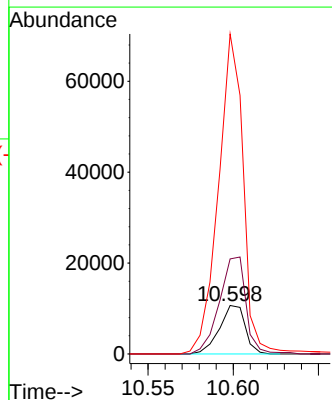
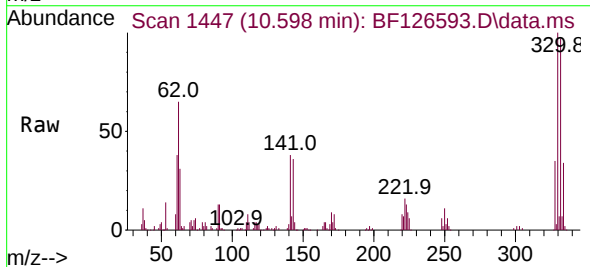
Instrument :
BNA_F
ClientSampleId :
PB141624BL

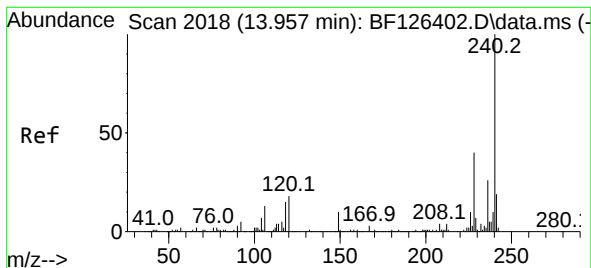
Tgt Ion:188 Resp: 307007
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 13.7 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.130 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.247 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

Tgt Ion:248 Resp: 11253
Ion Ratio Lower Upper
248 100
250 196.2 76.2 114.4#
141 660.6 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF126593.D

Acq: 11 Jan 2022 17:03

Instrument :

BNA_F

ClientSampleId :

PB141624BL

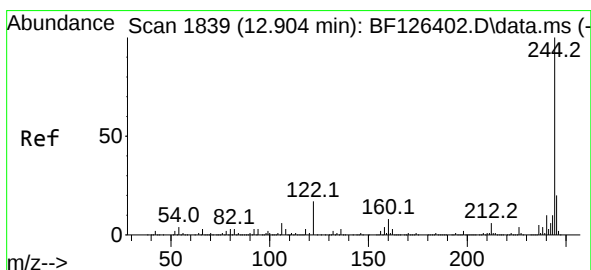
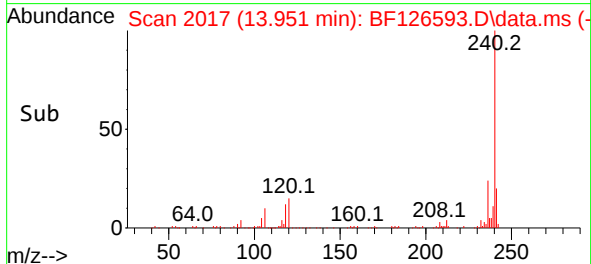
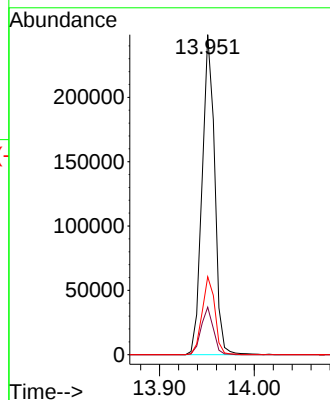
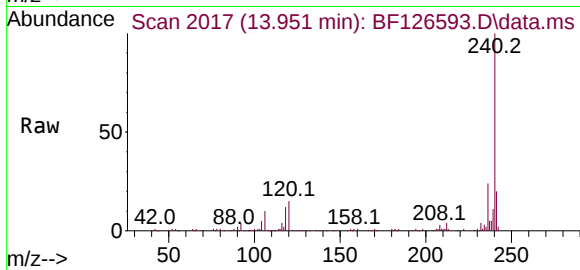
Tgt Ion:240 Resp: 230043

Ion Ratio Lower Upper

240 100

120 14.8 14.4 21.6

236 24.3 20.5 30.7



#79

Terphenyl-d14

Concen: 77.966 ng

RT: 12.892 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF126593.D

Acq: 11 Jan 2022 17:03

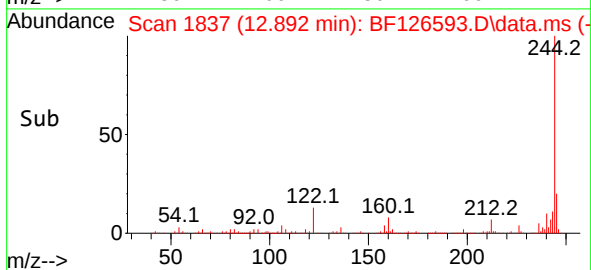
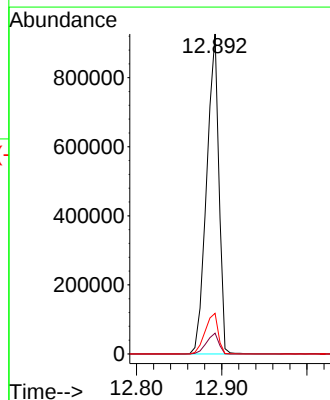
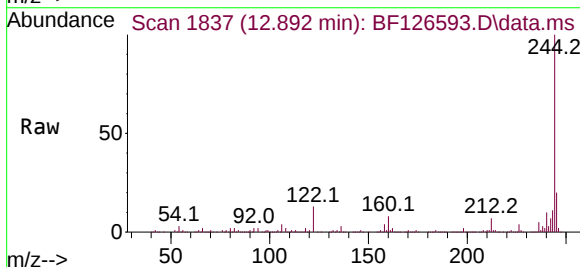
Tgt Ion:244 Resp: 923117

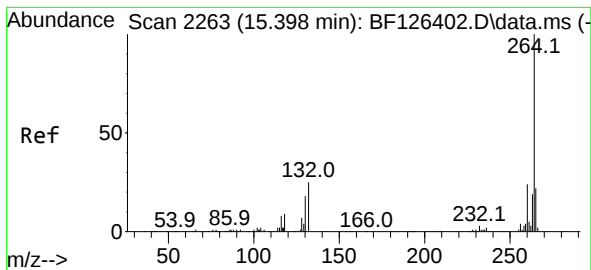
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

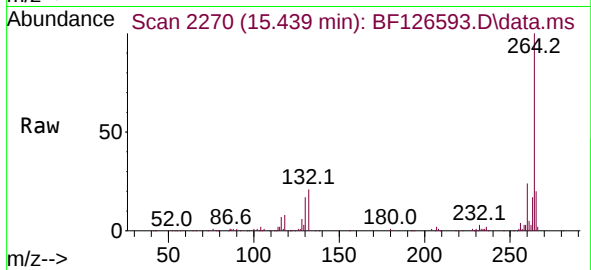
122 12.7 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF126593.D
Acq: 11 Jan 2022 17:03

Instrument :
BNA_F
ClientSampleId :
PB141624BL



Tgt Ion:264 Resp: 185572

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.3	17.4	26.2

