

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
 Data File : BF126533.D
 Acq On : 7 Jan 2022 11:14
 Operator : JU/CG
 Sample : PB141753BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141753BL

Quant Time: Jan 07 15:21:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

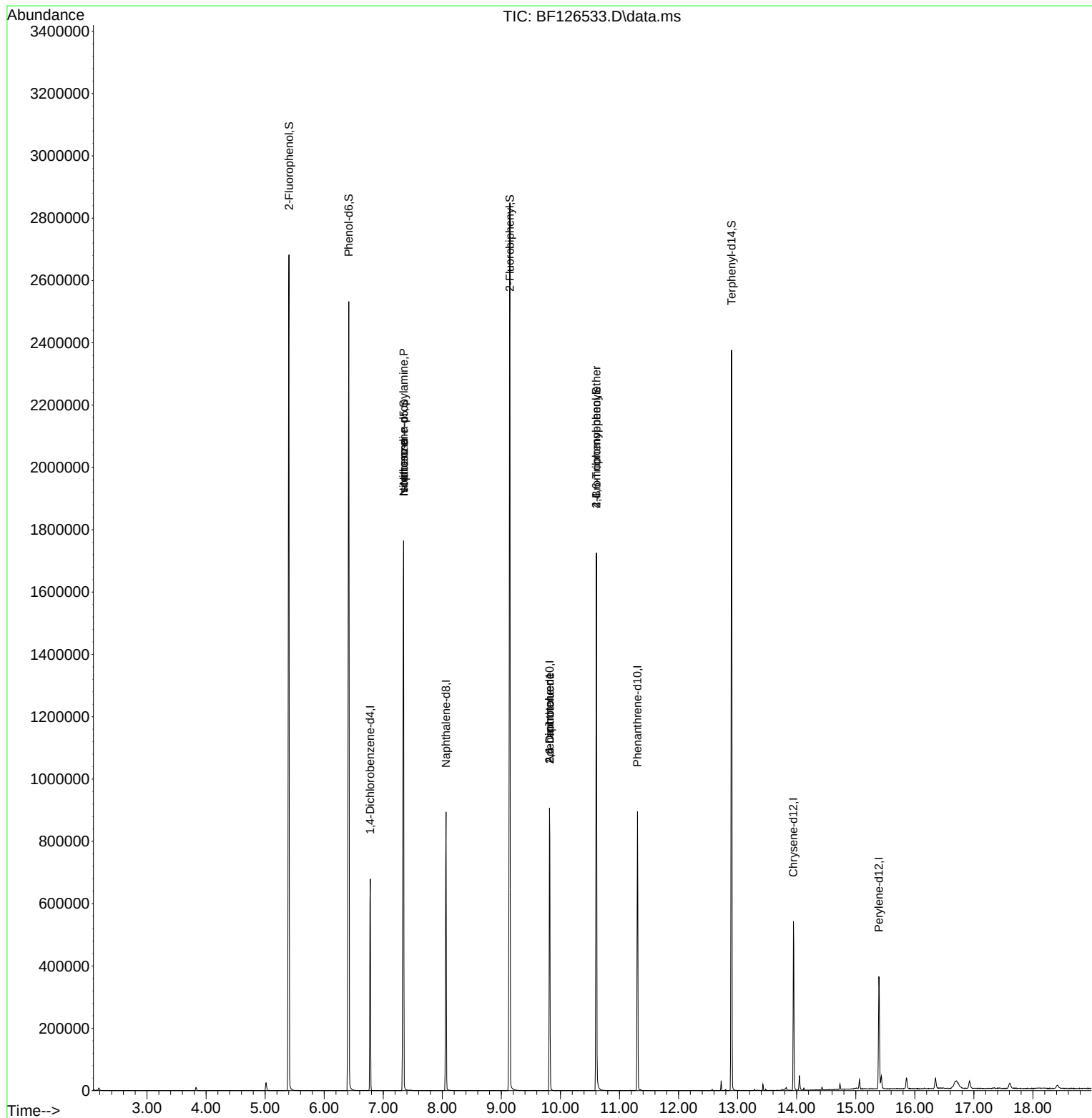
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	97927	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	429509	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	199484	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	314774	20.000	ng	0.00
76) Chrysene-d12	13.945	240	190850	20.000	ng	0.00
86) Perylene-d12	15.392	264	163119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	836223	122.629	ng	0.01
7) Phenol-d6	6.416	99	1068511	120.979	ng	0.00
23) Nitrobenzene-d5	7.345	82	691566	82.674	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	214712	139.287	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	993775	87.665	ng	0.00
79) Terphenyl-d14	12.898	244	840468	85.563	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	87251	17.312	ng	# 80
25) Isophorone	7.345	82	686077	45.816	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	25329	9.418	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	25329	7.300	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	11130	3.984	ng	# 1
77) Benzidine	12.898	184	9950	Below Cal		95

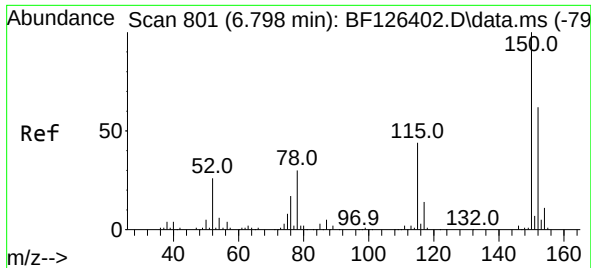
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010722\
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Quant Time: Jan 07 15:21:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

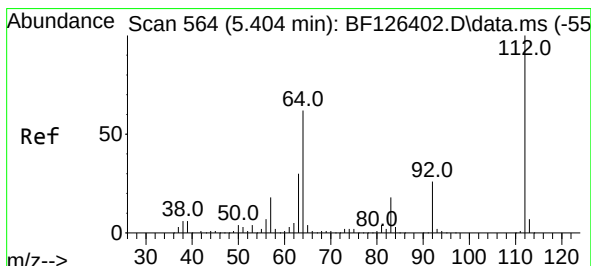
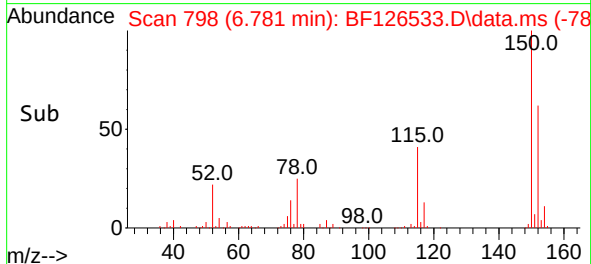
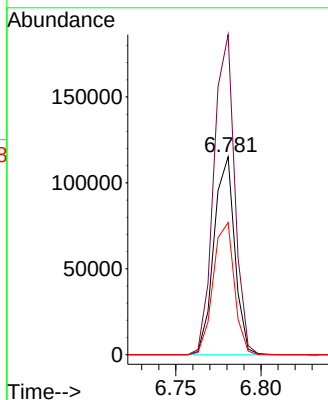
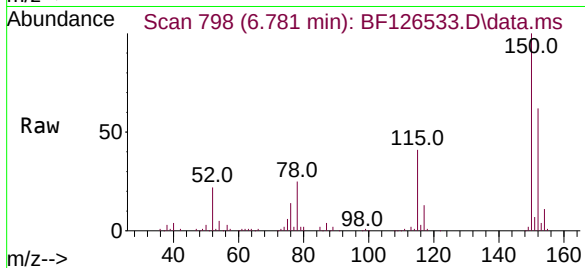




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126533.D
 Acq: 7 Jan 2022 11:14

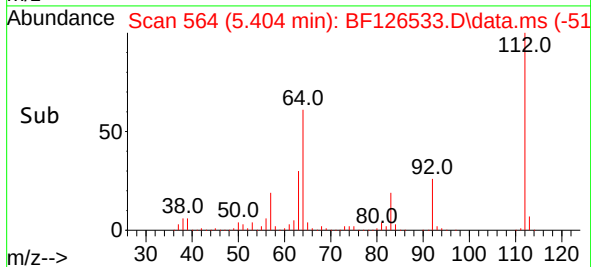
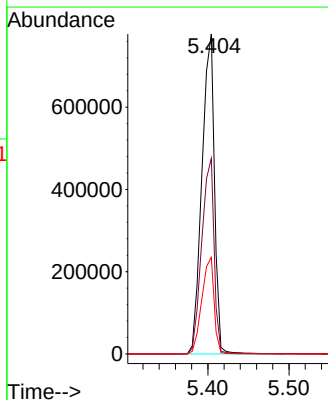
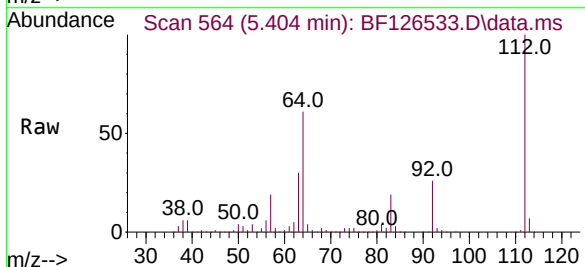
Instrument :
 BNA_F
 ClientSampleId :
 PB141753BL

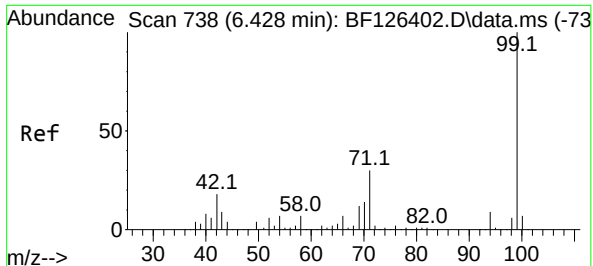
Tgt Ion:152 Resp: 97927
 Ion Ratio Lower Upper
 152 100
 150 161.7 128.1 192.1
 115 66.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 122.629 ng
 RT: 5.404 min Scan# 564
 Delta R.T. 0.012 min
 Lab File: BF126533.D
 Acq: 7 Jan 2022 11:14

Tgt Ion:112 Resp: 836223
 Ion Ratio Lower Upper
 112 100
 64 61.1 49.5 74.3
 63 30.2 23.9 35.9

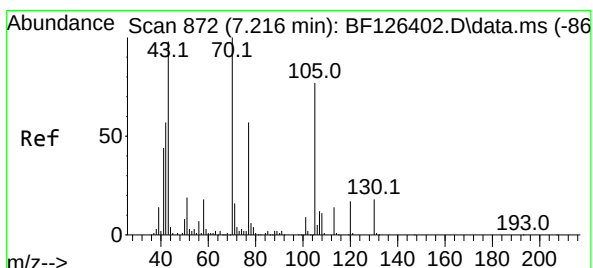
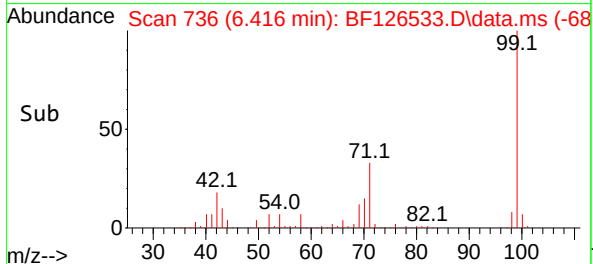
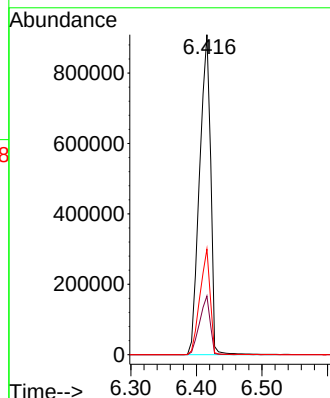
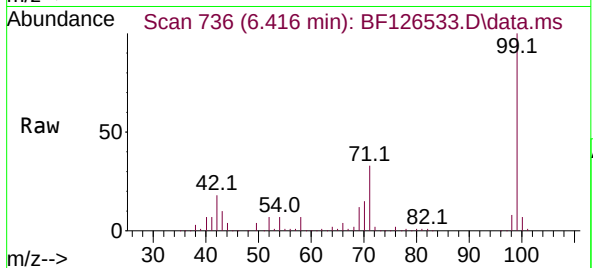




#7
Phenol-d6
Concen: 120.979 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

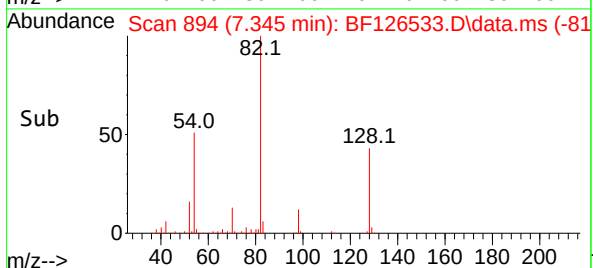
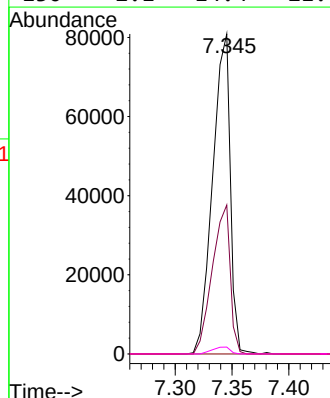
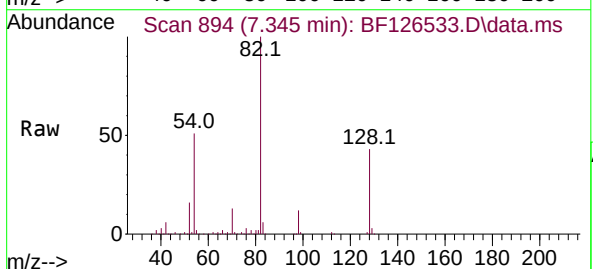
Instrument :
BNA_F
ClientSampleId :
PB141753BL

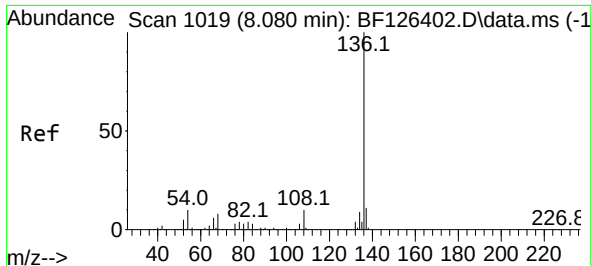
Tgt Ion: 99 Resp: 1068511
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 33.0 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.312 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion: 70 Resp: 87251
Ion Ratio Lower Upper
70 100
42 46.6 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

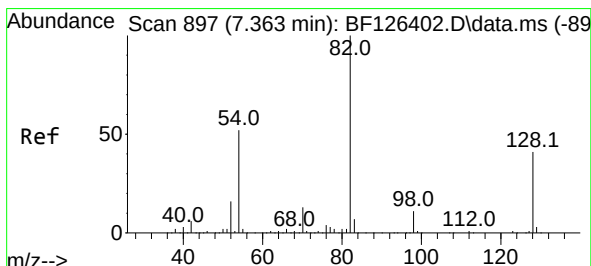
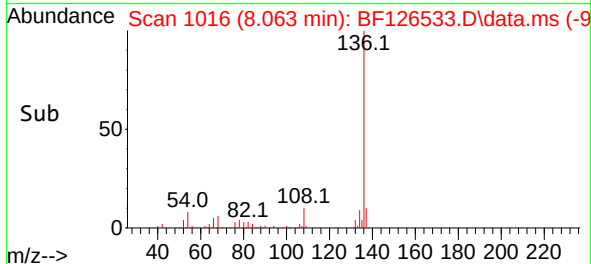
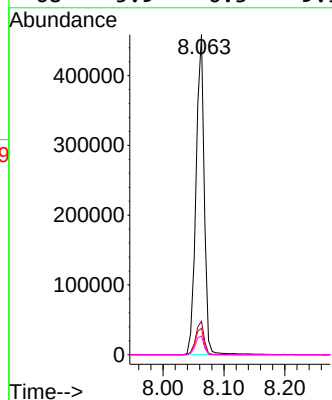
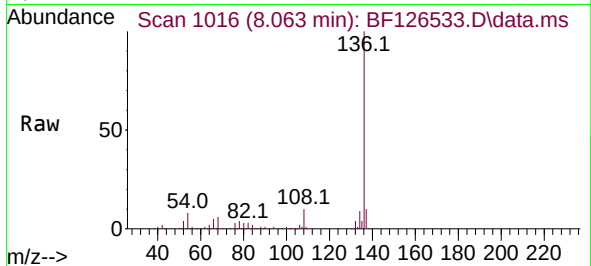




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

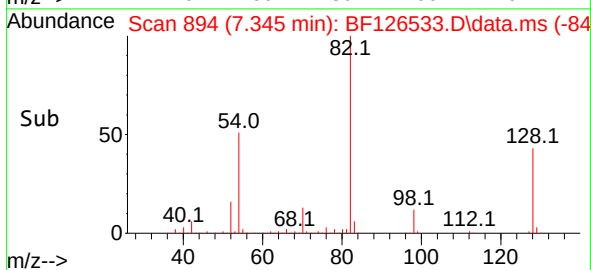
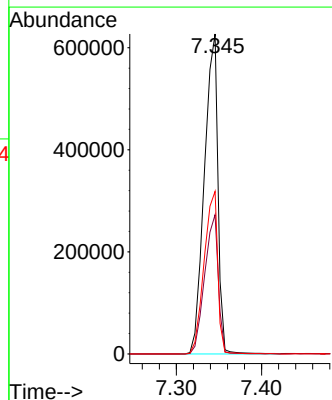
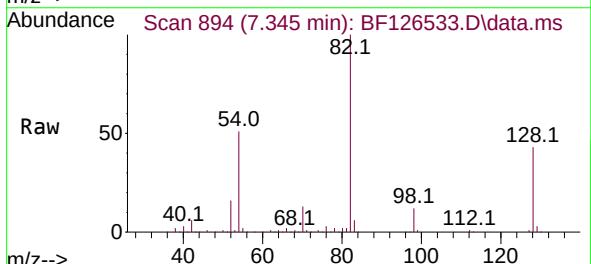
Instrument :
BNA_F
ClientSampleId :
PB141753BL

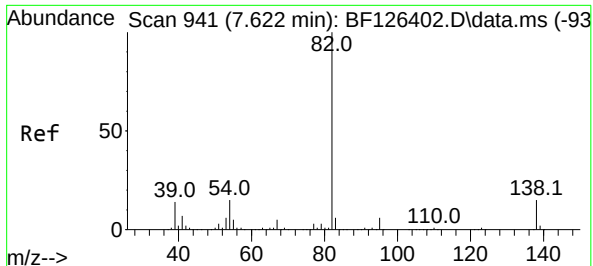
Tgt Ion:136 Resp: 429509
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.674 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion: 82 Resp: 691566
Ion Ratio Lower Upper
82 100
128 43.5 32.7 49.1
54 50.8 41.7 62.5

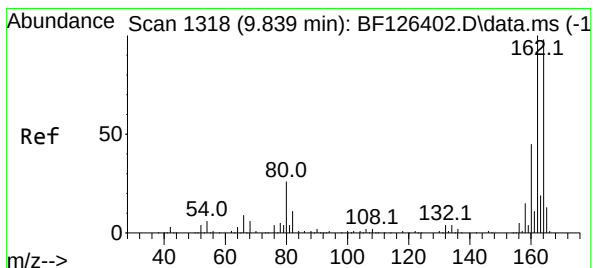
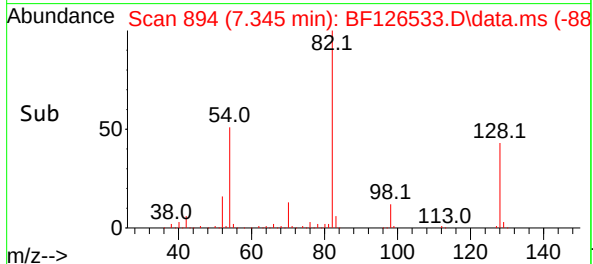
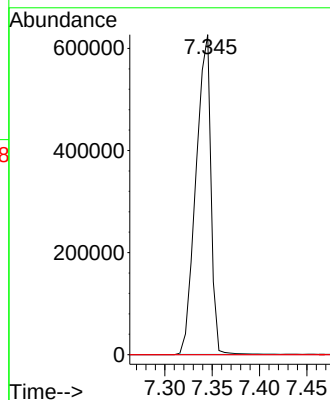
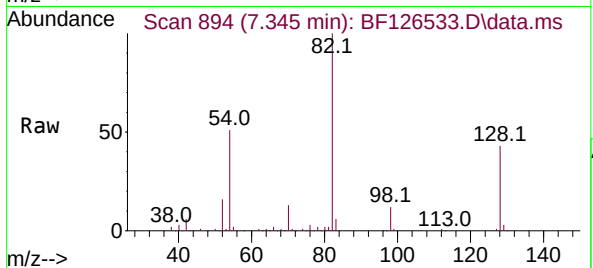




#25
Isophorone
Concen: 45.816 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

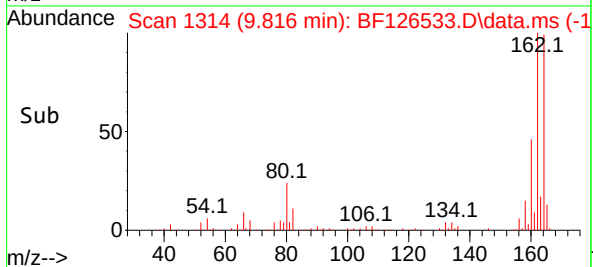
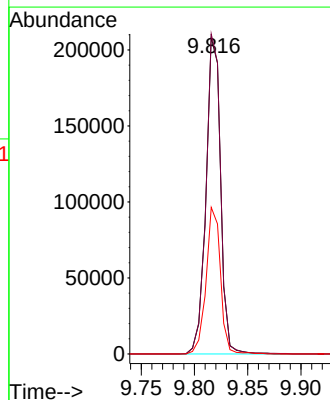
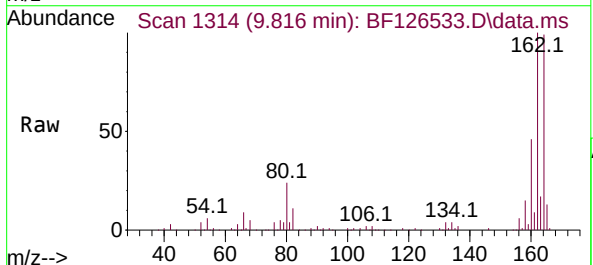
Instrument :
BNA_F
ClientSampleId :
PB141753BL

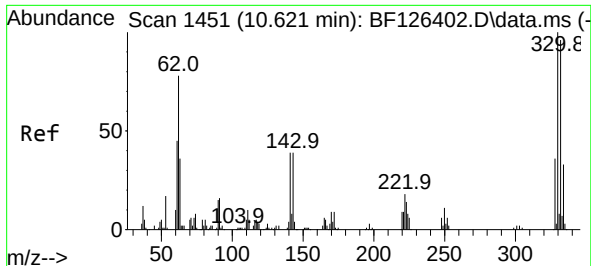
Tgt Ion: 82 Resp: 686077
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion: 164 Resp: 199484
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 46.3 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 139.287 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF126533.D

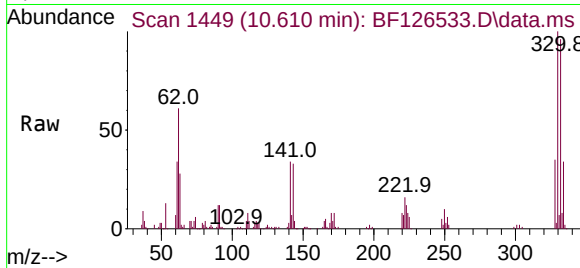
Acq: 7 Jan 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB141753BL



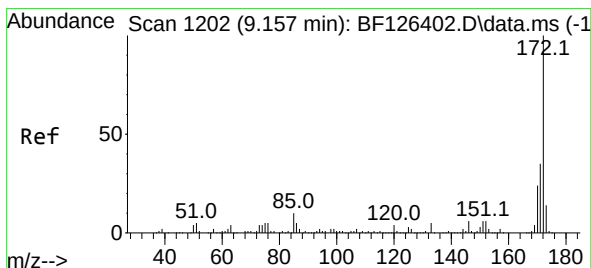
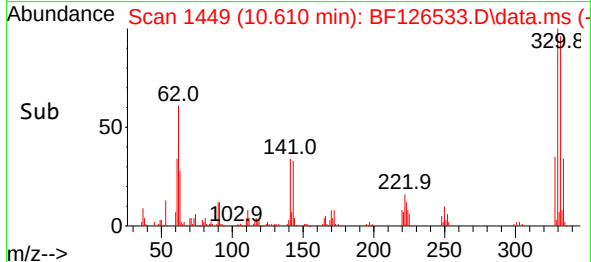
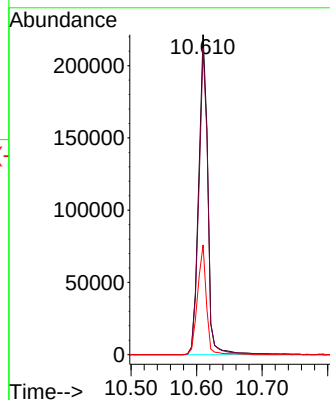
Tgt Ion:330 Resp: 214712

Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 87.665 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF126533.D

Acq: 7 Jan 2022 11:14

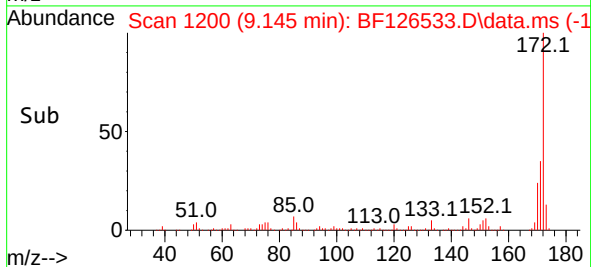
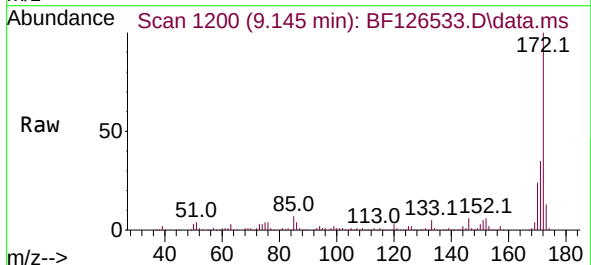
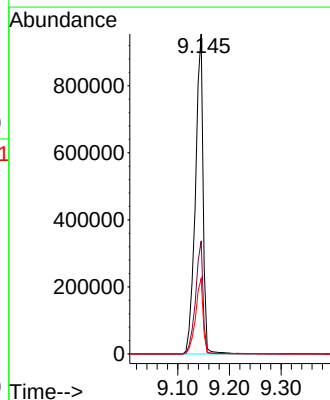
Tgt Ion:172 Resp: 993775

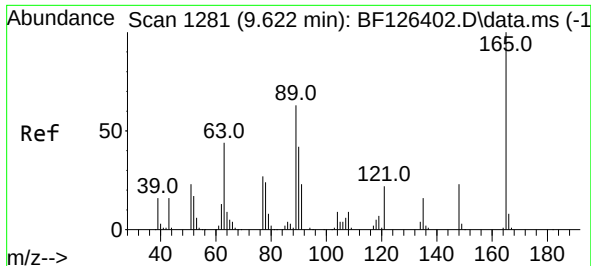
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

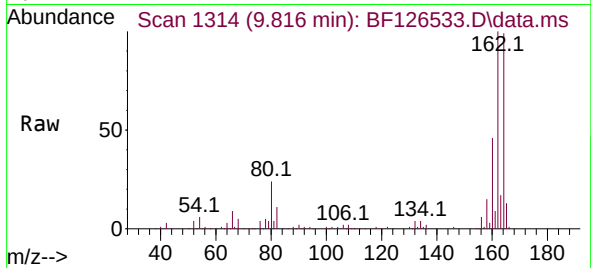
170 23.6 19.0 28.6



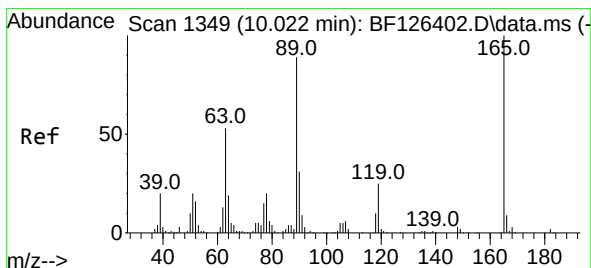
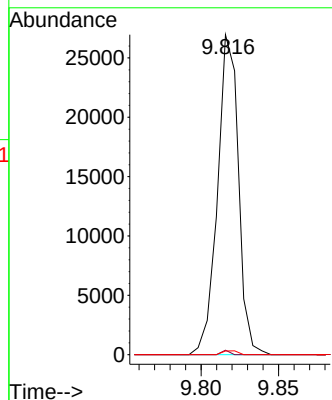
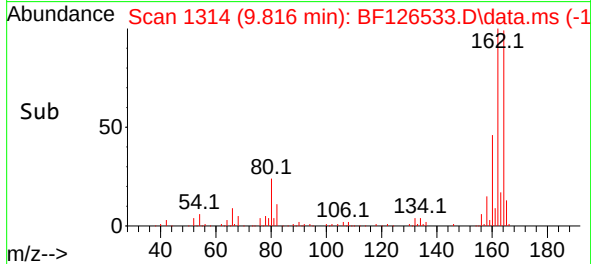


#51
2,6-Dinitrotoluene
Concen: 9.418 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB141753BL

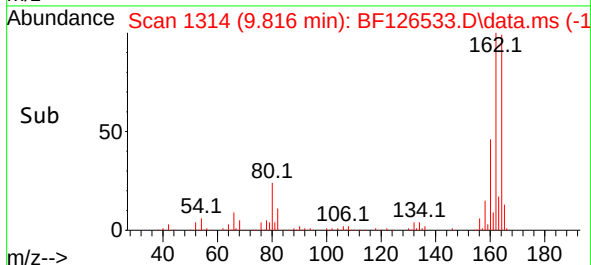
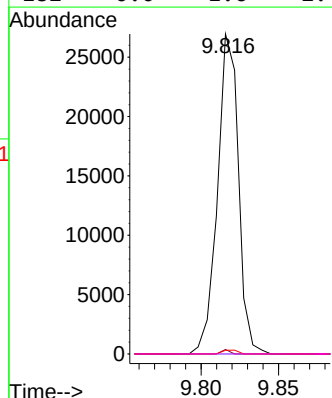
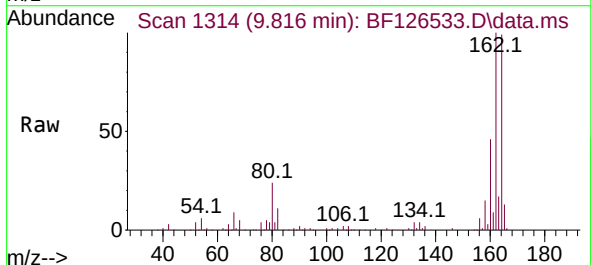


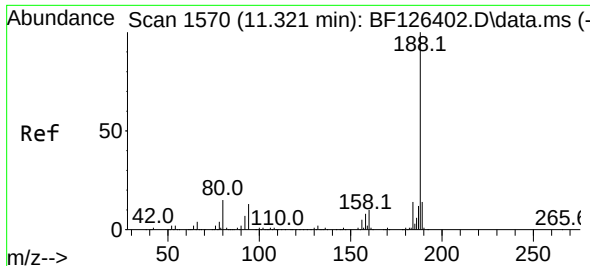
Tgt Ion:165 Resp: 25329
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.1 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.300 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion:165 Resp: 25329
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#

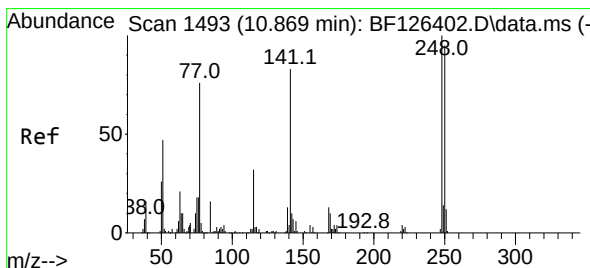
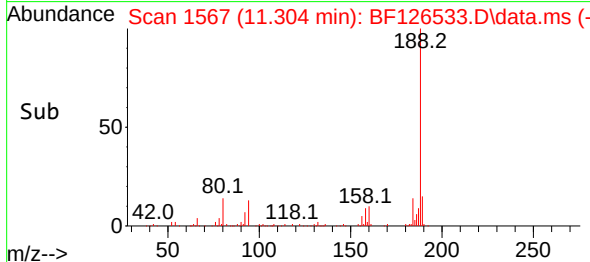
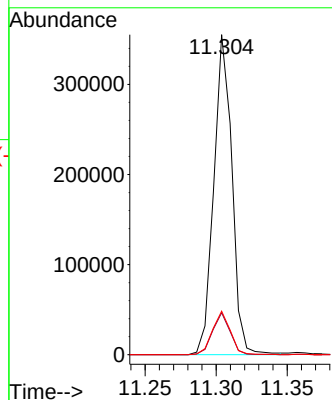
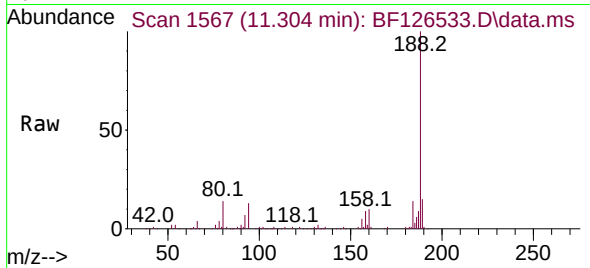




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

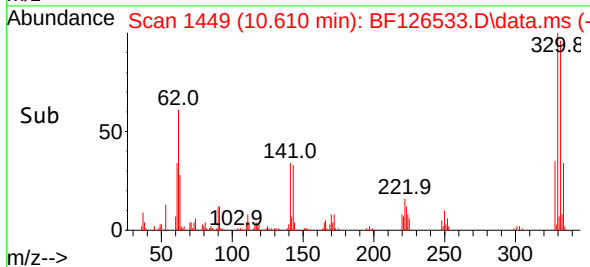
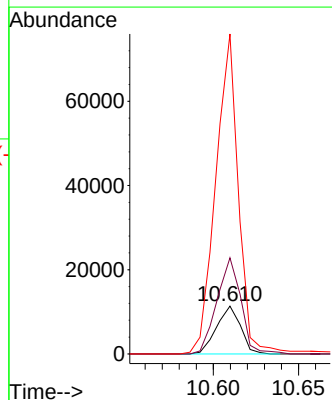
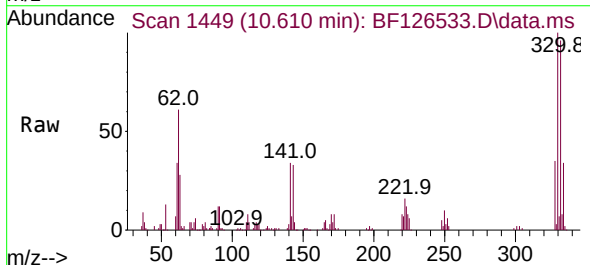
Instrument :
BNA_F
ClientSampleId :
PB141753BL

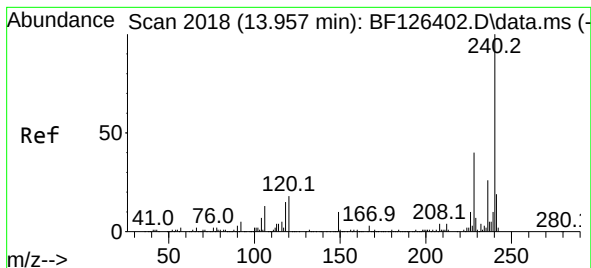
Tgt Ion:188 Resp: 314774
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 13.6 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.984 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Tgt Ion:248 Resp: 11130
Ion Ratio Lower Upper
248 100
250 201.0 76.2 114.4#
141 668.8 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126533.D

Acq: 7 Jan 2022 11:14

Instrument :

BNA_F

ClientSampleId :

PB141753BL

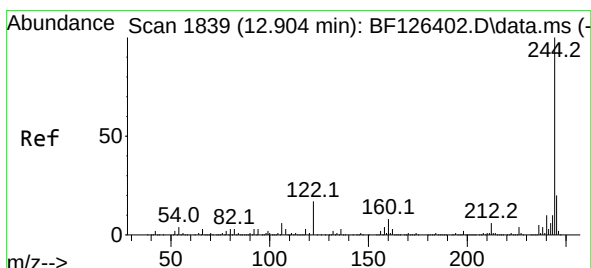
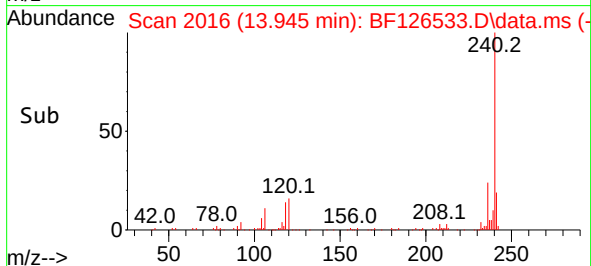
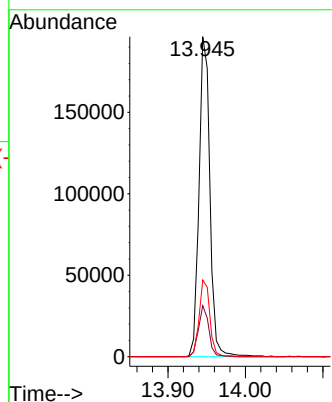
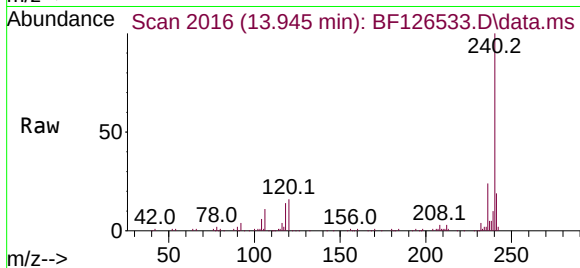
Tgt Ion:240 Resp: 190850

Ion Ratio Lower Upper

240 100

120 15.9 14.4 21.6

236 24.0 20.5 30.7



#79

Terphenyl-d14

Concen: 85.563 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.000 min

Lab File: BF126533.D

Acq: 7 Jan 2022 11:14

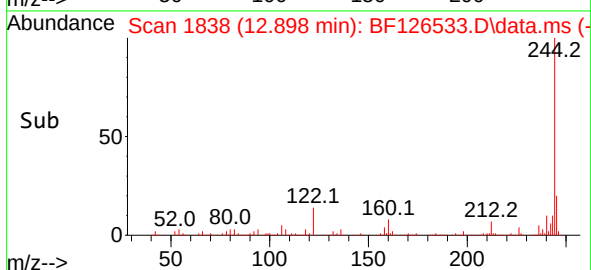
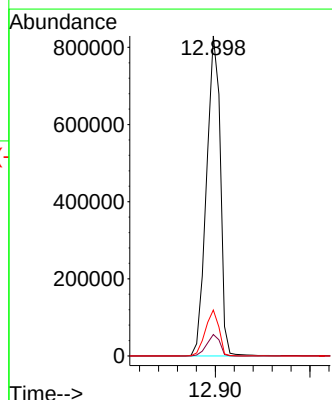
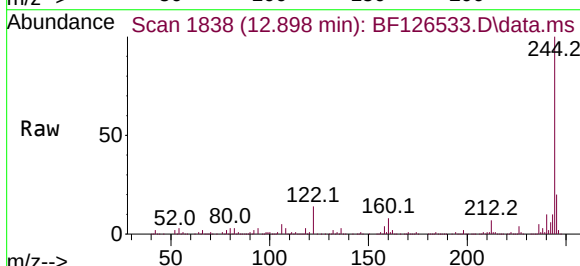
Tgt Ion:244 Resp: 840468

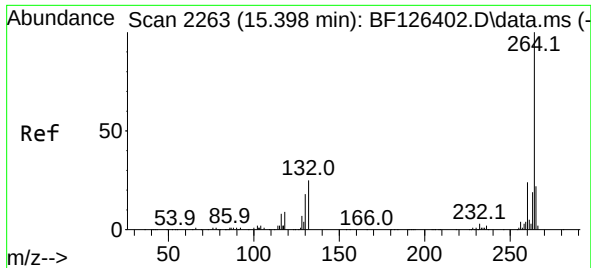
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

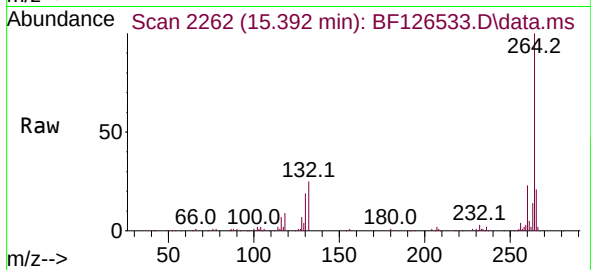
122 14.3 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126533.D
Acq: 7 Jan 2022 11:14

Instrument :
BNA_F
ClientSampleId :
PB141753BL



Tgt Ion:264 Resp: 163119
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 20.7 17.4 26.2

