

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
 Data File : BF126447.D
 Acq On : 3 Jan 2022 10:11
 Operator : JU/CG
 Sample : PB141693TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141693TB

Quant Time: Jan 03 11:07:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

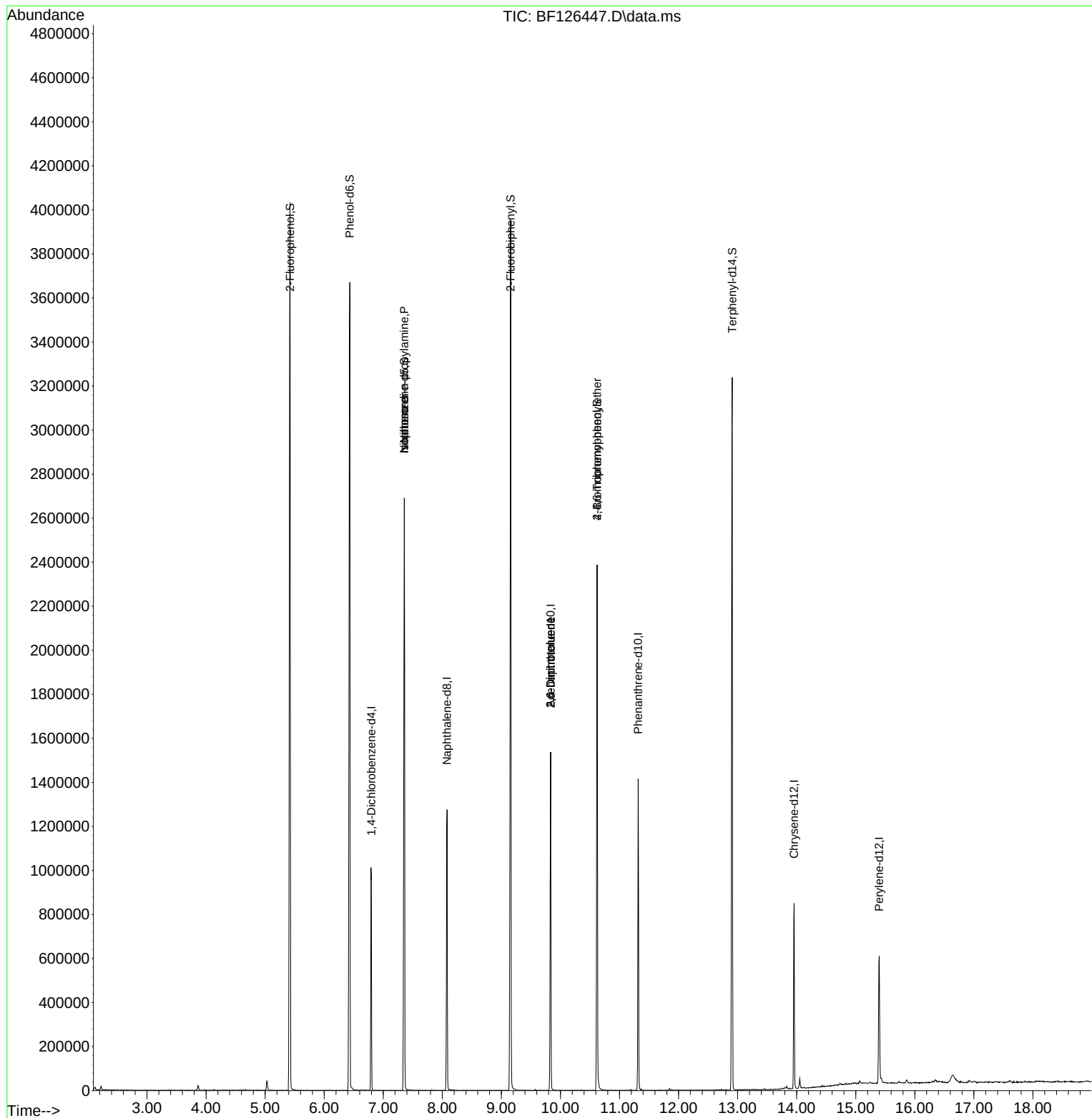
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	150868	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	646749	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	292290	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	471364	20.000	ng	0.00
76) Chrysene-d12	13.957	240	280085	20.000	ng	0.00
86) Perylene-d12	15.398	264	251528	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1248837	118.872	ng	0.02
7) Phenol-d6	6.434	99	1585343	116.509	ng	0.00
23) Nitrobenzene-d5	7.357	82	1054022	83.680	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	298581	132.194	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1347556	81.129	ng	0.00
79) Terphenyl-d14	12.910	244	1158691	80.378	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	131203	16.897	ng	# 82
25) Isophorone	7.357	82	1043724	46.288	ng	# 69
51) 2,6-Dinitrotoluene	9.833	165	37731	9.575	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	37731	7.421	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	15775	3.770	ng	# 1
77) Benzydine	12.910	184	14460	Below Cal		# 97

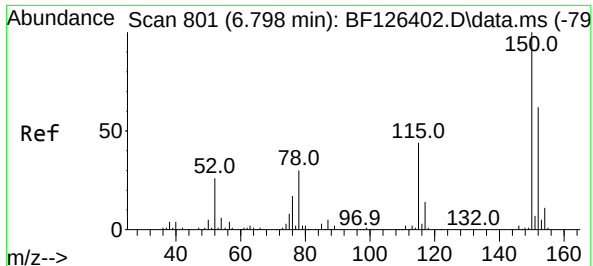
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
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BNA_F
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Quant Time: Jan 03 11:07:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

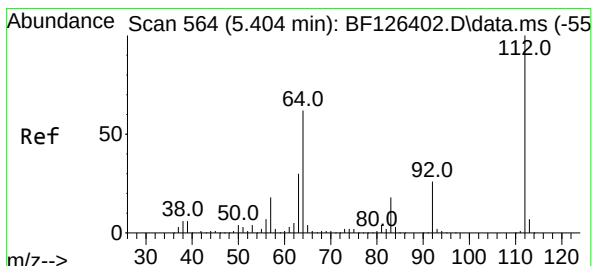
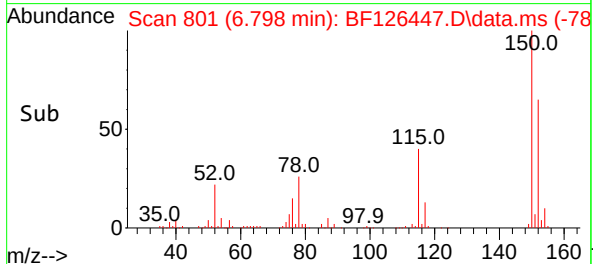
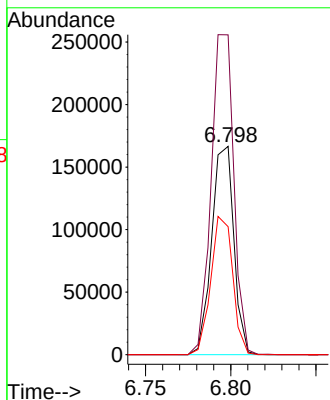
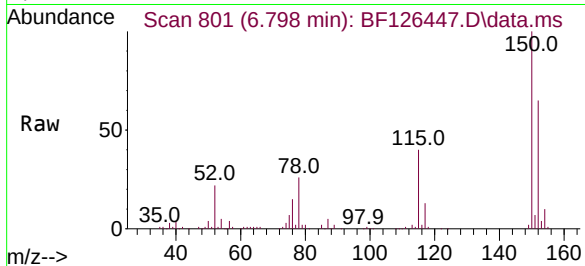




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

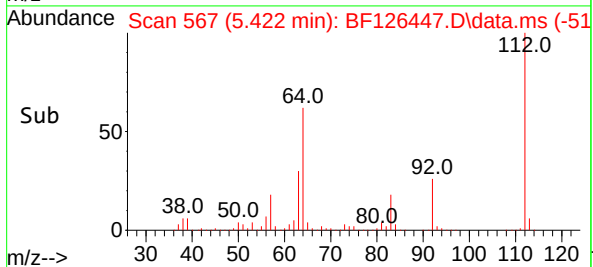
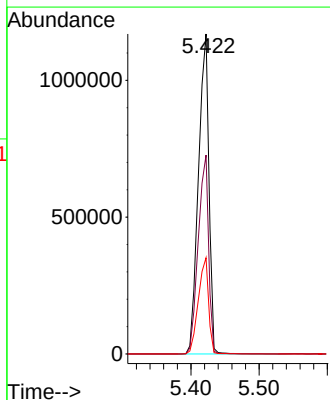
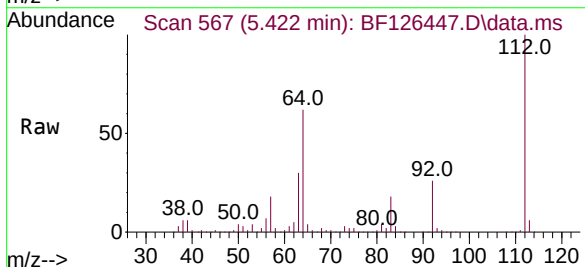
Instrument :
BNA_F
ClientSampleId :
PB141693TB

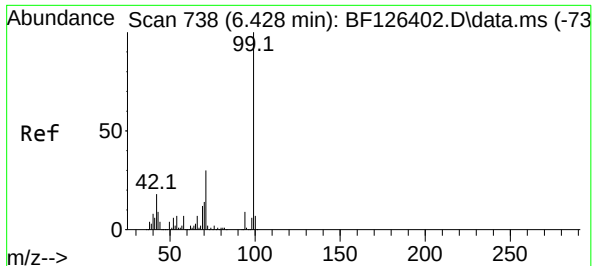
Tgt Ion:152 Resp: 150868
Ion Ratio Lower Upper
152 100
150 153.6 128.1 192.1
115 61.5 56.7 85.1



#5
2-Fluorophenol
Concen: 118.872 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Tgt Ion:112 Resp: 1248837
Ion Ratio Lower Upper
112 100
64 62.1 49.5 74.3
63 30.1 23.9 35.9

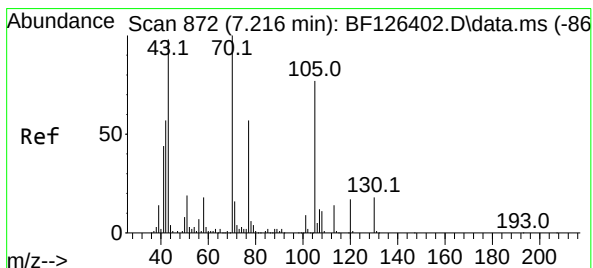
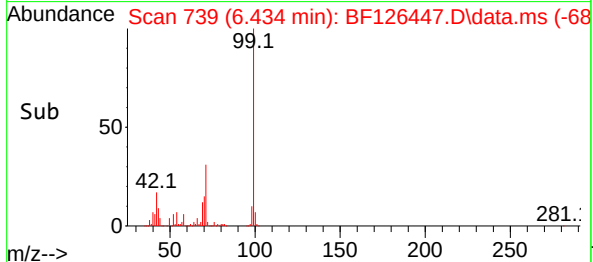
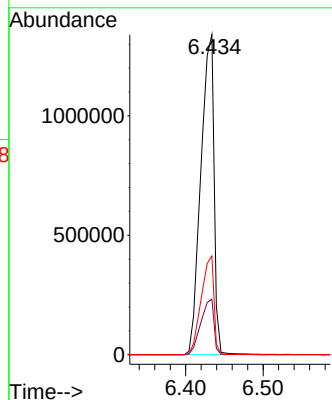
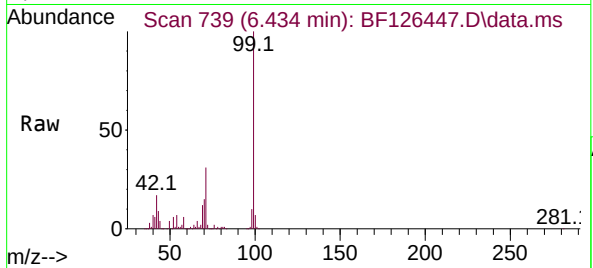




#7
Phenol-d6
Concen: 116.509 ng
RT: 6.434 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

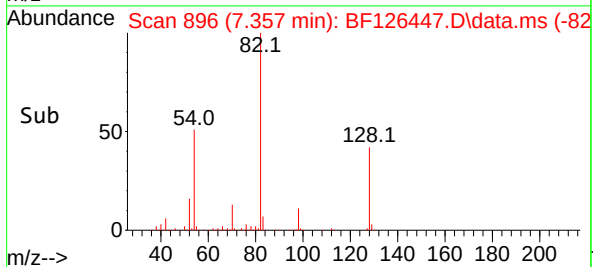
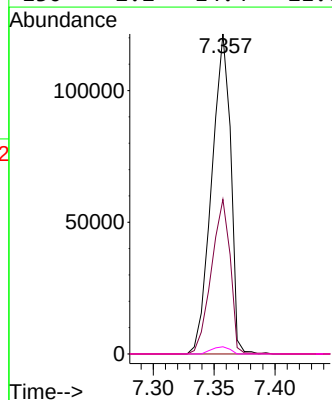
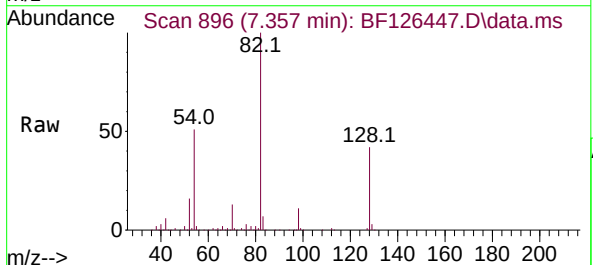
Instrument :
BNA_F
ClientSampleId :
PB141693TB

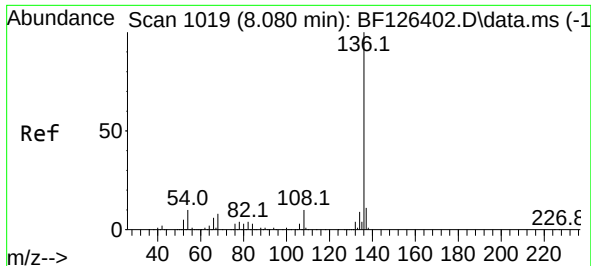
Tgt Ion: 99 Resp: 1585343
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 30.9 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.897 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Tgt Ion: 70 Resp: 131203
Ion Ratio Lower Upper
70 100
42 48.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#





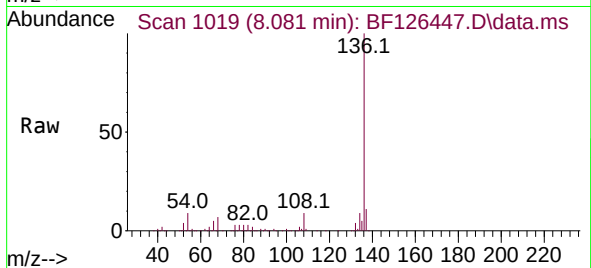
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Instrument :

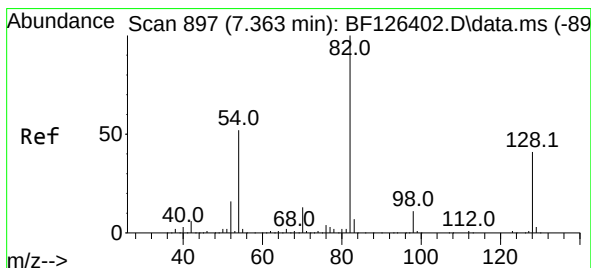
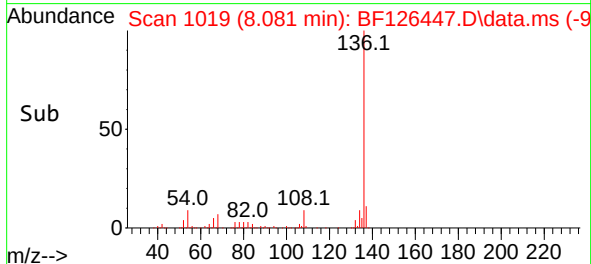
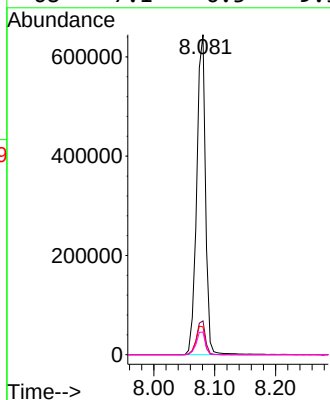
BNA_F

ClientSampleId :

PB141693TB

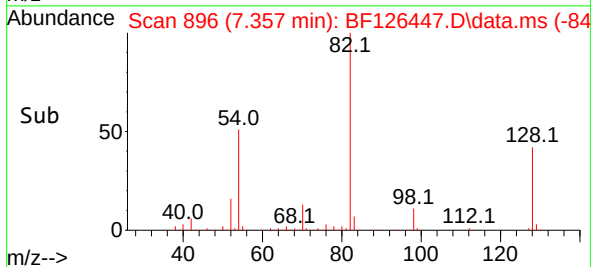
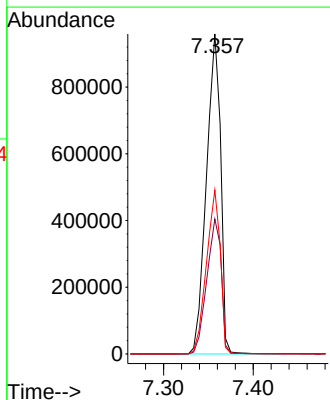
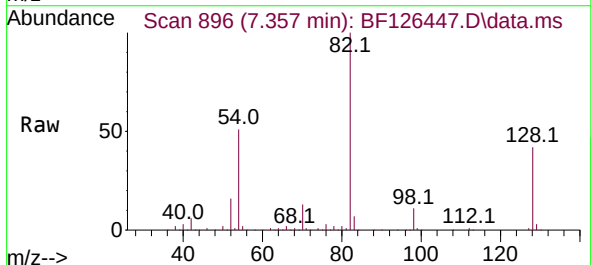


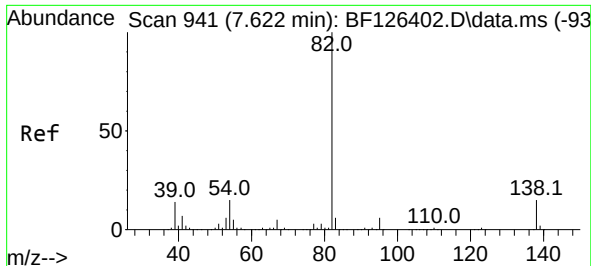
Tgt Ion:136 Resp: 646749
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.7 7.8 11.6
68 7.1 6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.680 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Tgt Ion: 82 Resp: 1054022
Ion Ratio Lower Upper
82 100
128 42.2 32.7 49.1
54 51.2 41.7 62.5

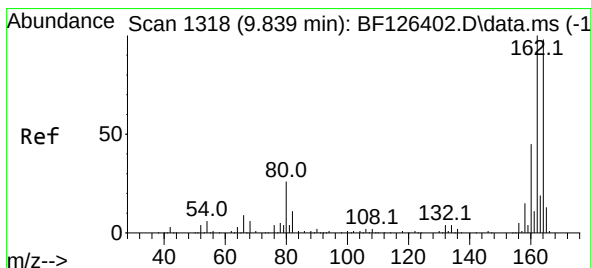
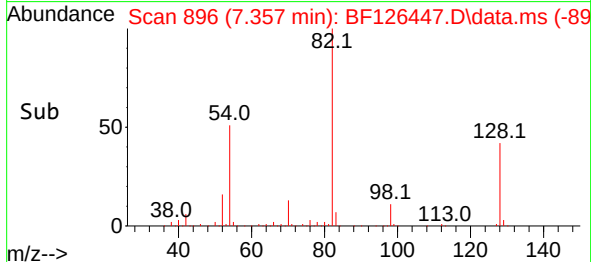
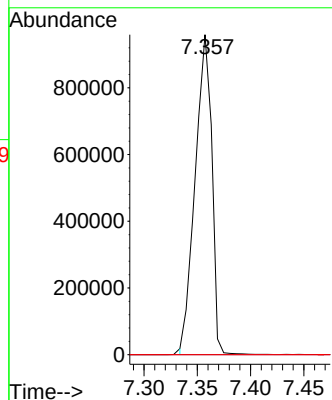
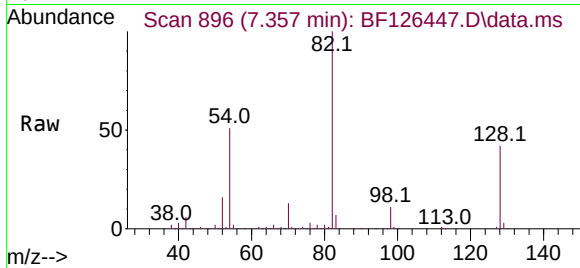




#25
Isophorone
Concen: 46.288 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

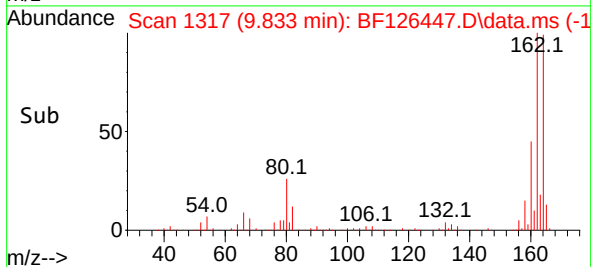
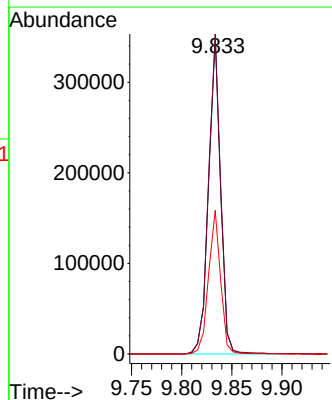
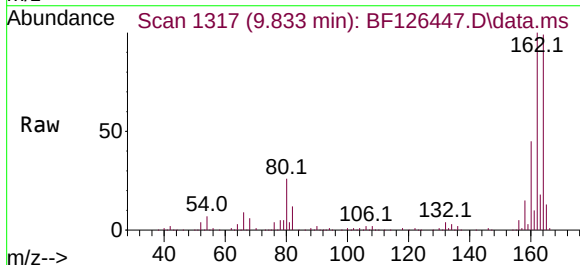
Instrument :
BNA_F
ClientSampleId :
PB141693TB

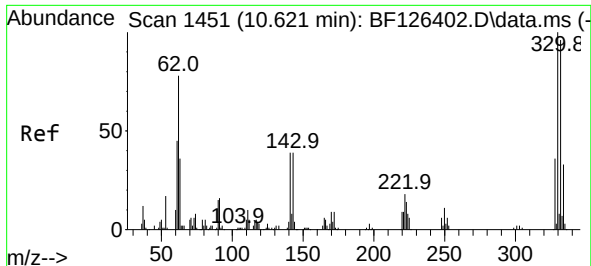
Tgt Ion: 82 Resp: 1043724
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

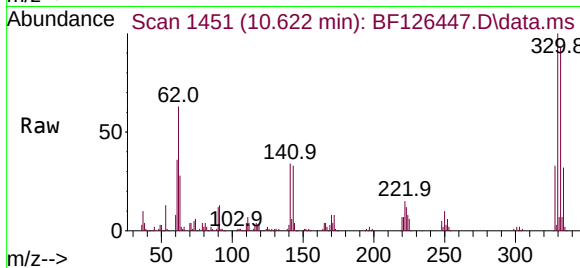
Tgt Ion:164 Resp: 292290
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 45.3 36.6 54.8



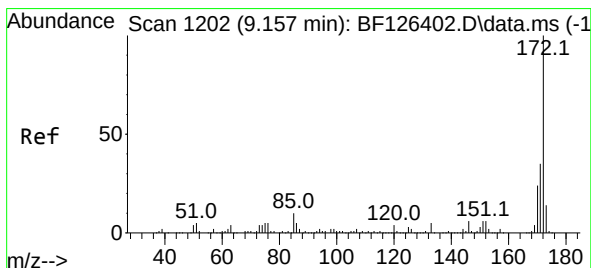
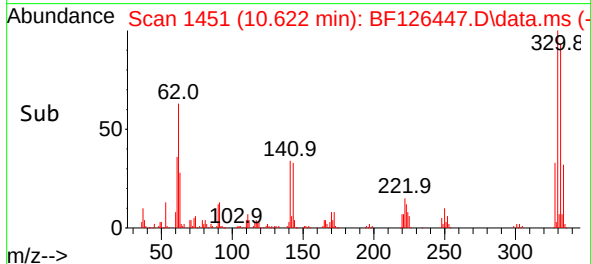
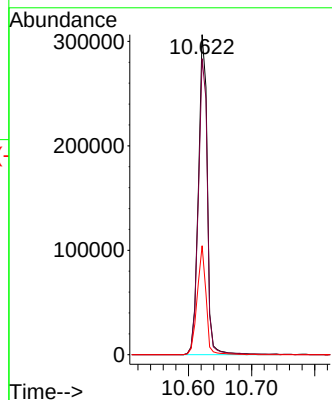


#42
2,4,6-Tribromophenol
Concen: 132.194 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Instrument :
BNA_F
ClientSampleId :
PB141693TB

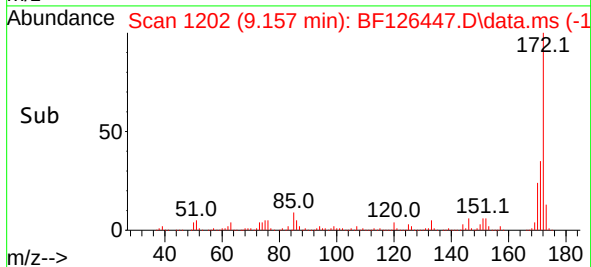
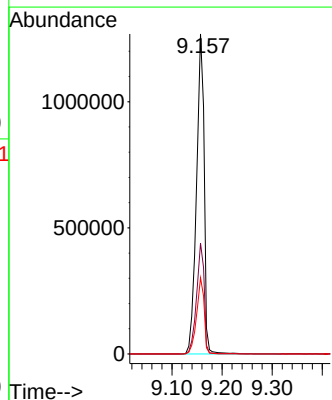
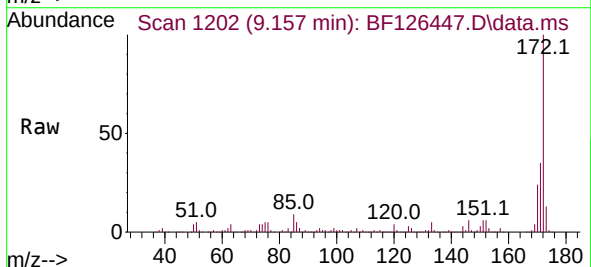


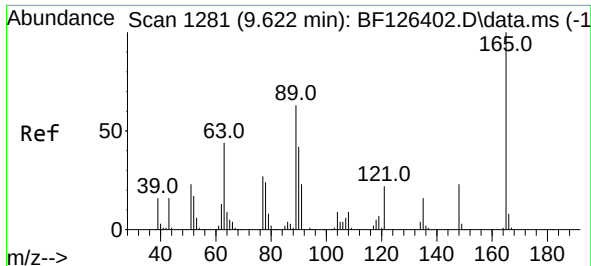
Tgt Ion:330 Resp: 298581
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 33.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 81.129 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Tgt Ion:172 Resp: 1347556
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.575 ng

RT: 9.833 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126447.D

Acq: 3 Jan 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB141693TB

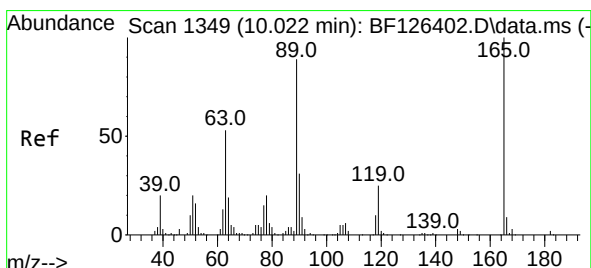
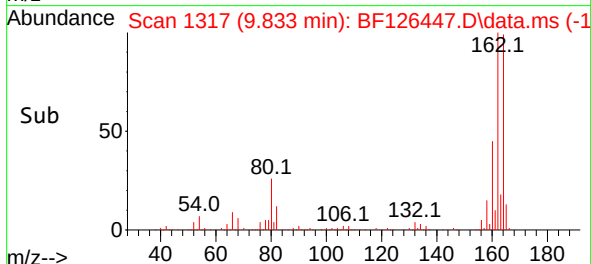
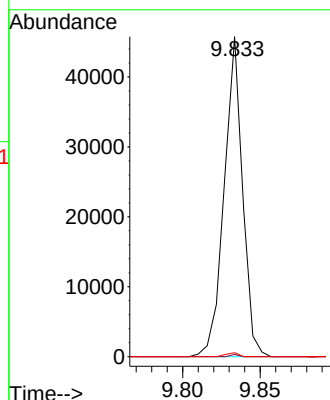
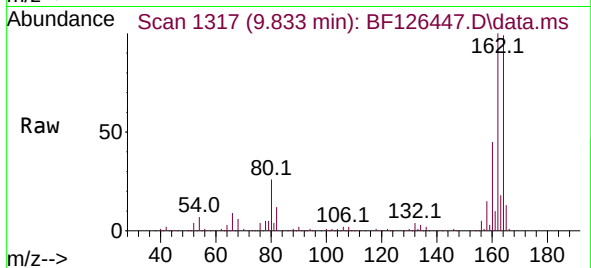
Tgt Ion:165 Resp: 37731

Ion Ratio Lower Upper

165 100

63 0.7 48.4 72.6#

89 1.3 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 7.421 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.188 min

Lab File: BF126447.D

Acq: 3 Jan 2022 10:11

Tgt Ion:165 Resp: 37731

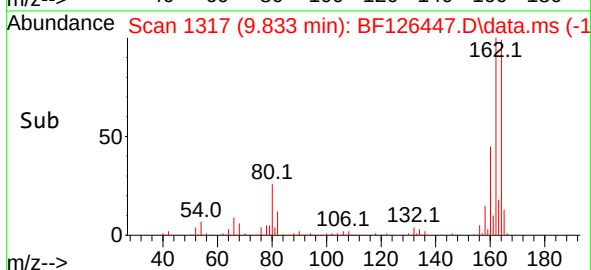
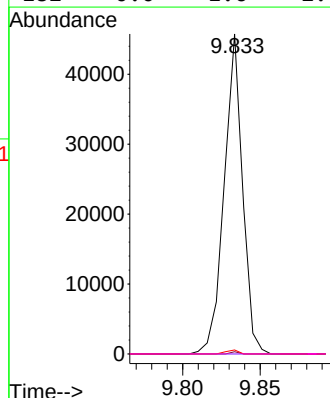
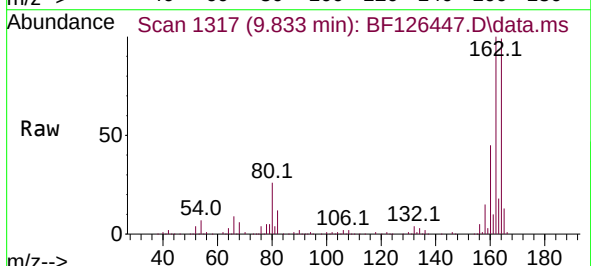
Ion Ratio Lower Upper

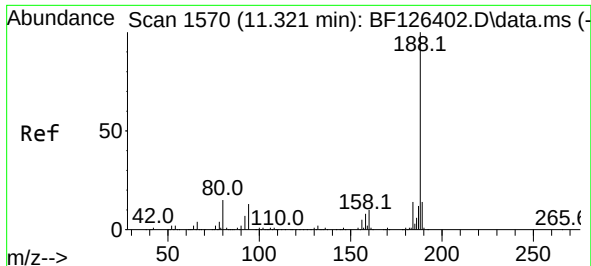
165 100

63 0.7 43.0 64.6#

89 1.3 71.0 106.4#

182 0.0 1.6 2.4#

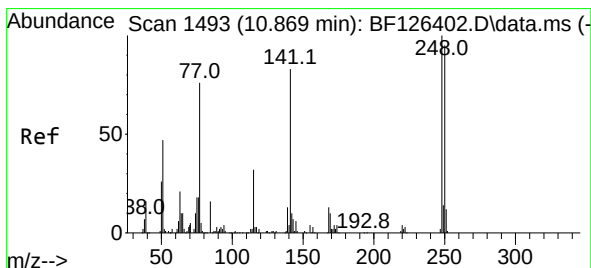
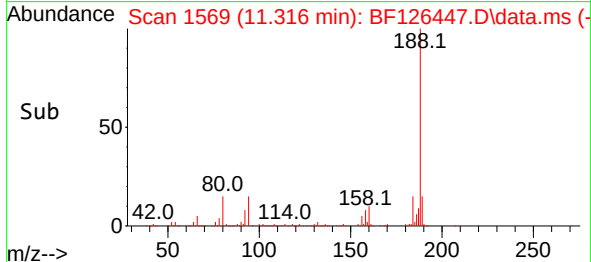
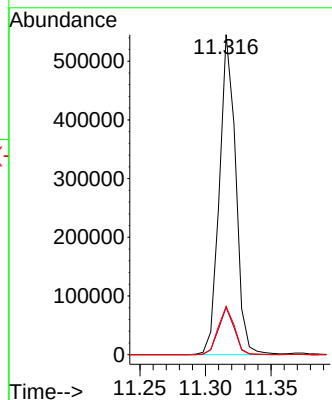
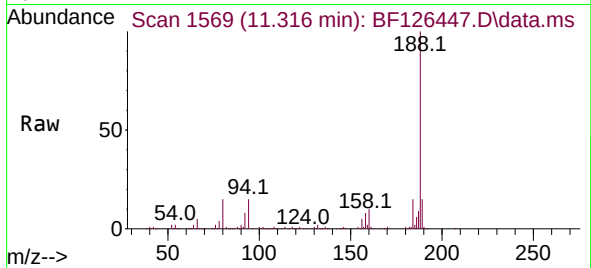




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

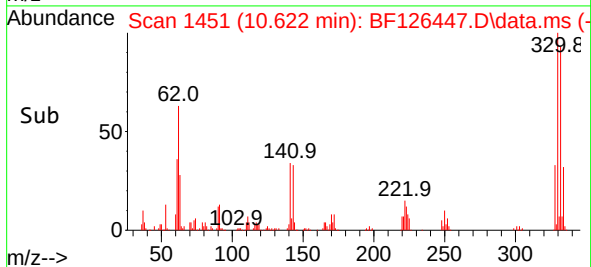
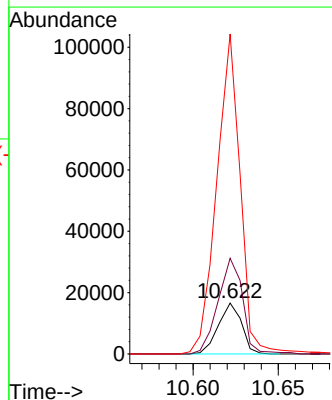
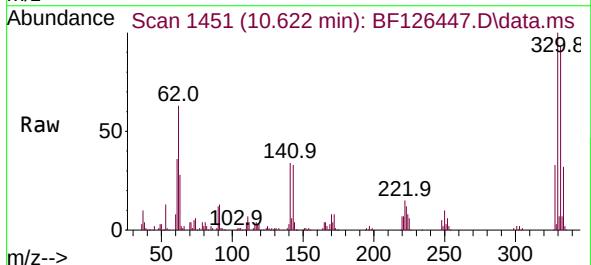
Instrument :
BNA_F
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PB141693TB

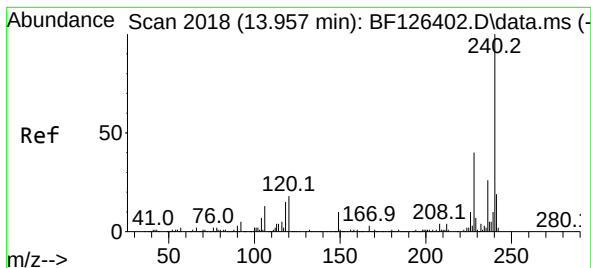
Tgt Ion:188 Resp: 471364
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 15.1 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.770 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF126447.D
Acq: 3 Jan 2022 10:11

Tgt Ion:248 Resp: 15775
Ion Ratio Lower Upper
248 100
250 188.3 76.2 114.4#
141 629.2 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF126447.D

Acq: 3 Jan 2022 10:11

Instrument :

BNA_F

ClientSampleId :

PB141693TB

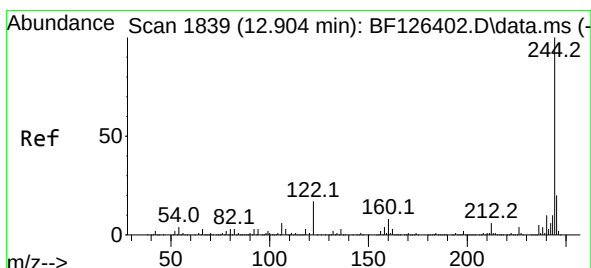
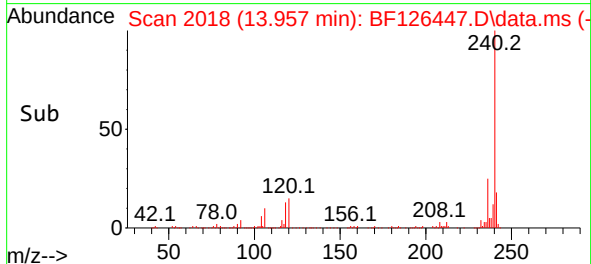
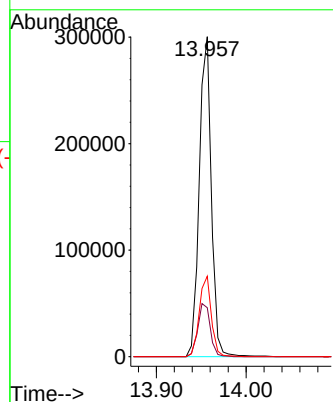
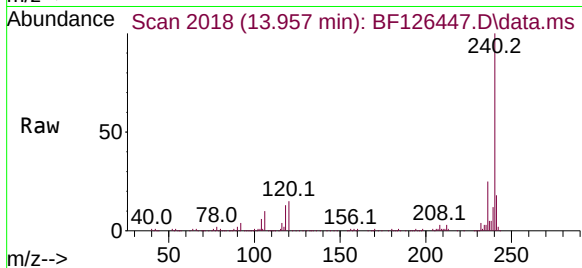
Tgt Ion:240 Resp: 280085

Ion Ratio Lower Upper

240 100

120 15.3 14.4 21.6

236 25.1 20.5 30.7



#79

Terphenyl-d14

Concen: 80.378 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.006 min

Lab File: BF126447.D

Acq: 3 Jan 2022 10:11

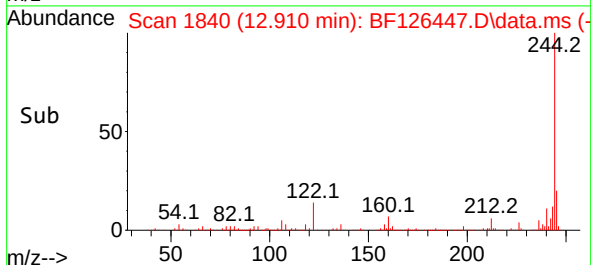
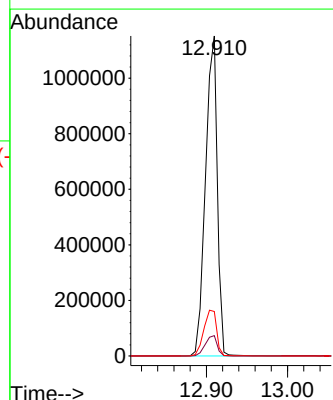
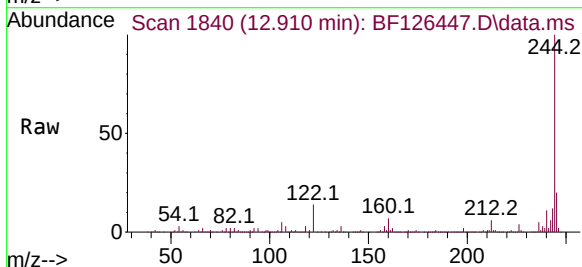
Tgt Ion:244 Resp: 1158691

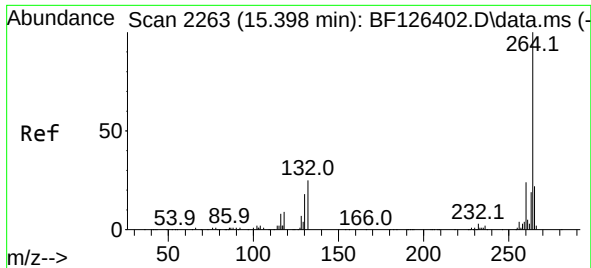
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 13.9 13.3 19.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126447.D
 Acq: 3 Jan 2022 10:11

Instrument :
 BNA_F
 ClientSampleId :
 PB141693TB

Tgt Ion:264 Resp: 251528
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.4 26.2

