

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
 Data File : BF126324.D
 Acq On : 22 Dec 2021 12:20
 Operator : JU/CG
 Sample : PB141591BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 13:02:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

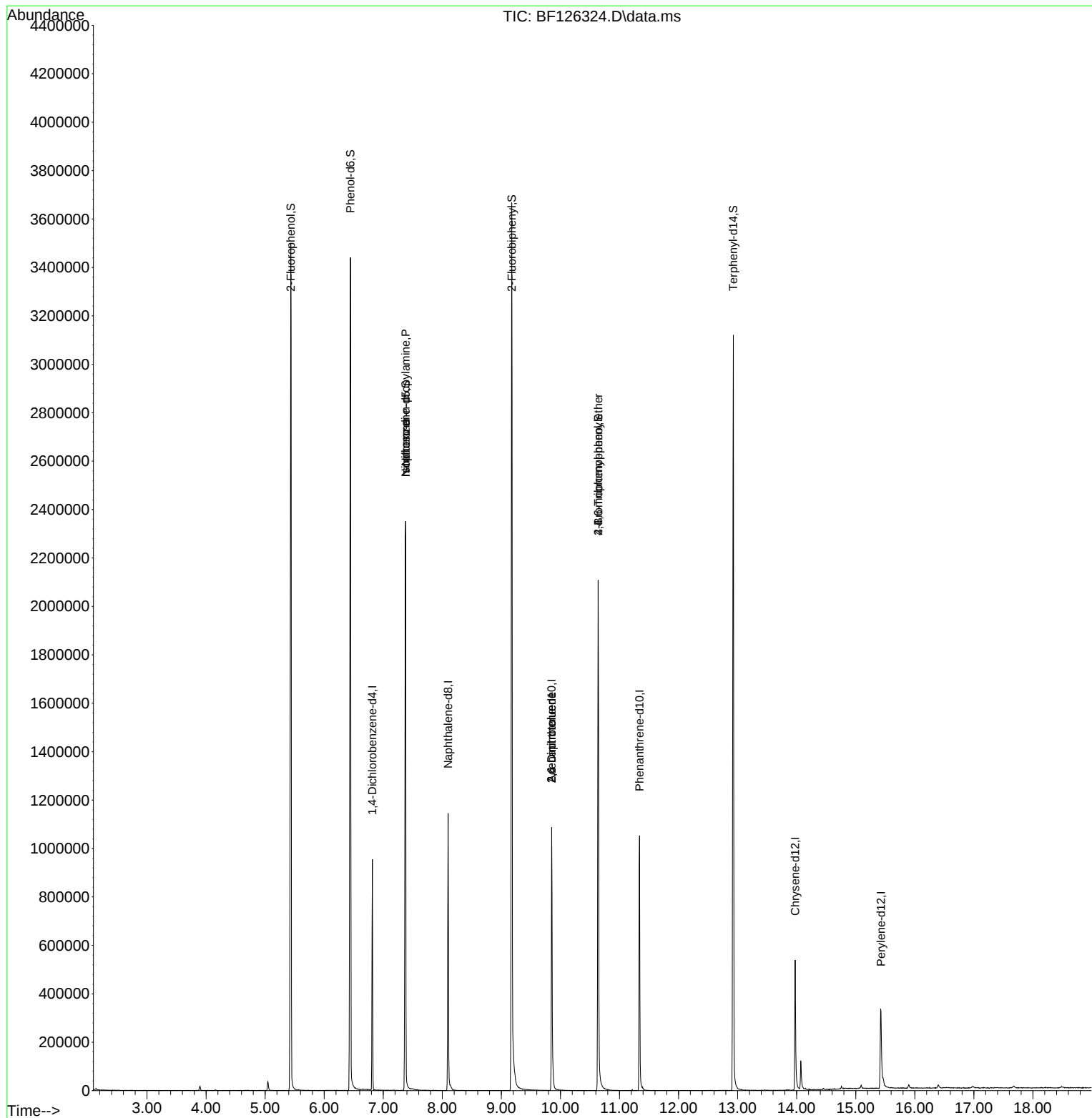
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	127272	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	555949	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	265304	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	429590	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	228380	20.000	ng	0.00
86) Perylene-d12	15.427	264	204487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1139255	131.822	ng	0.00
7) Phenol-d6	6.445	99	1412369	128.706	ng	0.00
23) Nitrobenzene-d5	7.381	82	933522	90.941	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	284961	133.653	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1358063	89.779	ng	0.00
79) Terphenyl-d14	12.927	244	1154398	87.857	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	116928	17.357	ng	# 53
25) Isophorone	7.381	82	933511	48.157	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	32415	8.911	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	32416	6.986	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	14902	3.696	ng	# 1

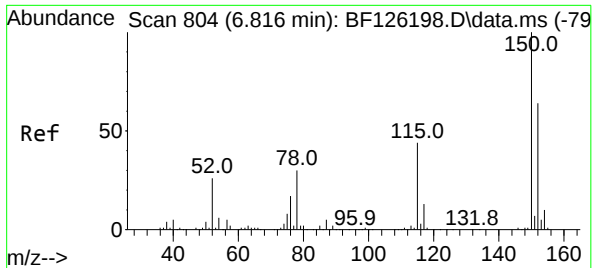
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126324.D
Acq On : 22 Dec 2021 12:20
Operator : JU/CG
Sample : PB141591BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

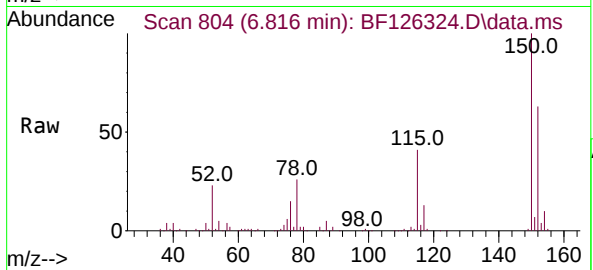
Quant Time: Dec 22 13:02:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
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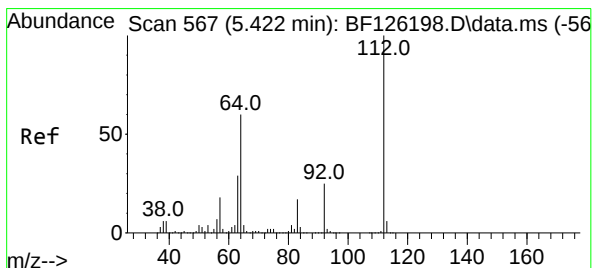
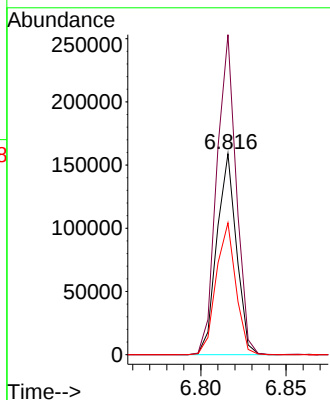
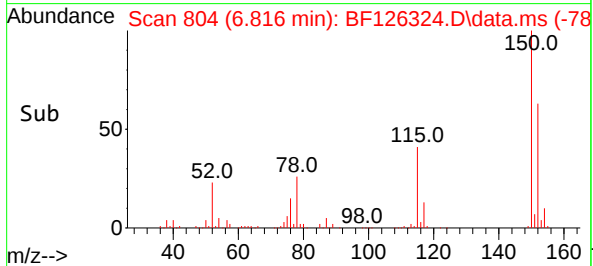


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

Instrument :
BNA_F
ClientSampleId :

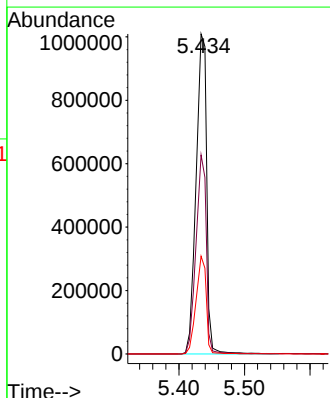
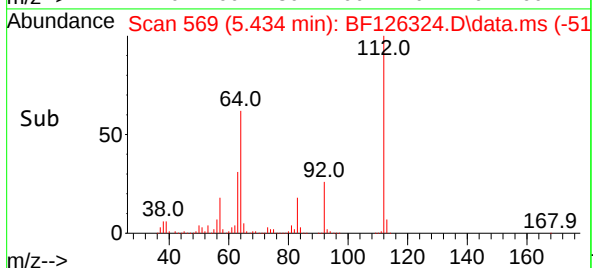
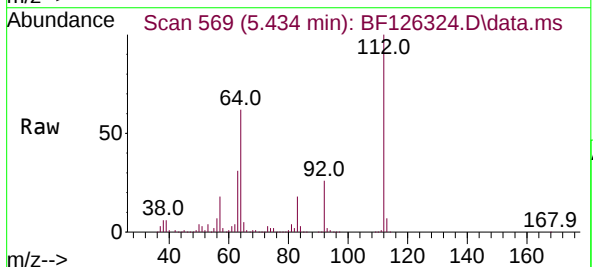


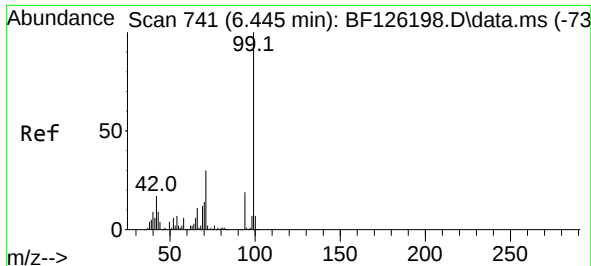
Tgt Ion:152 Resp: 127272
Ion Ratio Lower Upper
152 100
150 159.3 117.6 176.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 131.822 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

Tgt Ion:112 Resp: 1139255
Ion Ratio Lower Upper
112 100
64 62.2 44.2 66.2
63 30.5 26.2 39.2

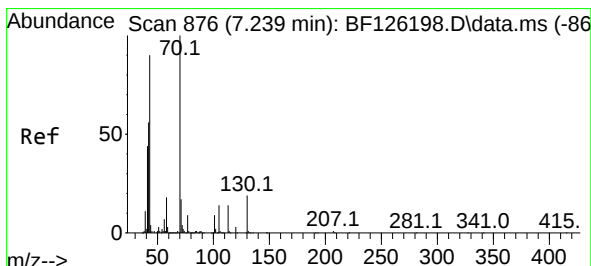
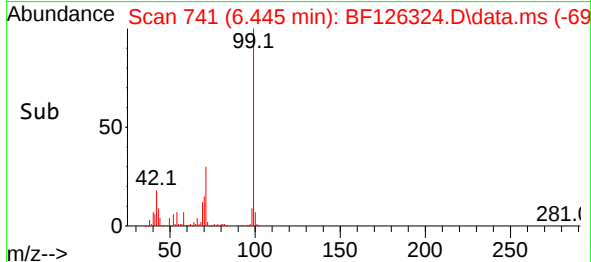
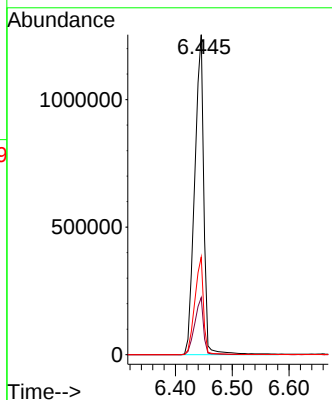
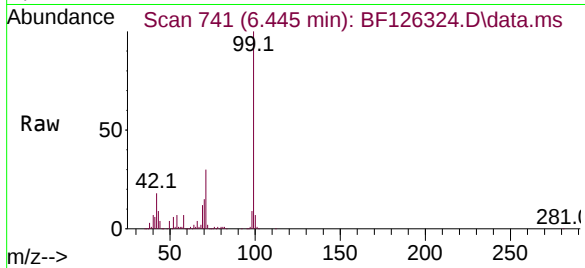




#7
Phenol-d6
Concen: 128.706 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

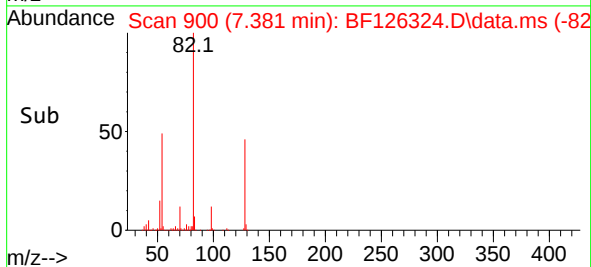
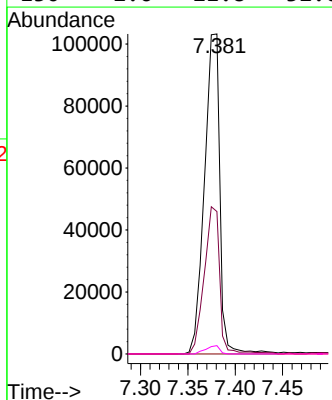
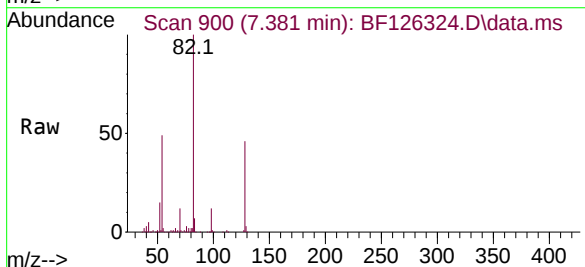
Instrument :
BNA_F
ClientSampleId :

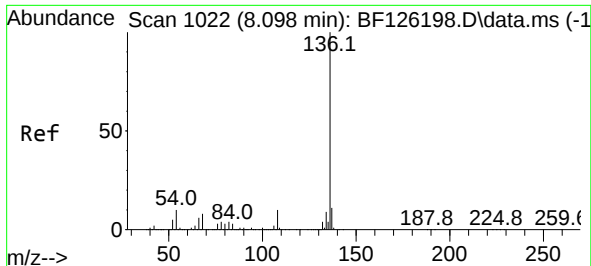
Tgt Ion: 99 Resp: 1412369
Ion Ratio Lower Upper
99 100
42 17.9 23.5 35.3#
71 30.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.357 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

Tgt Ion: 70 Resp: 116928
Ion Ratio Lower Upper
70 100
42 44.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#

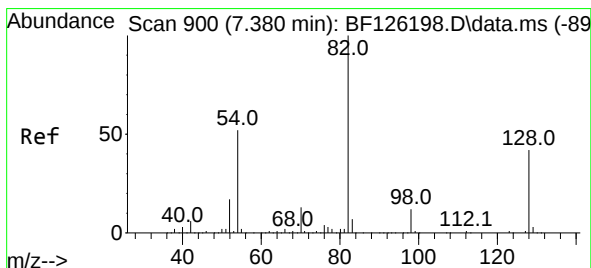
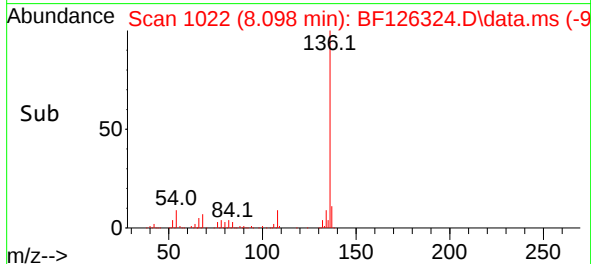
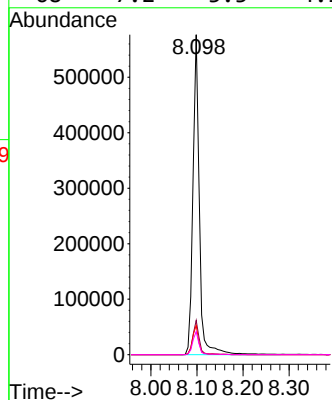
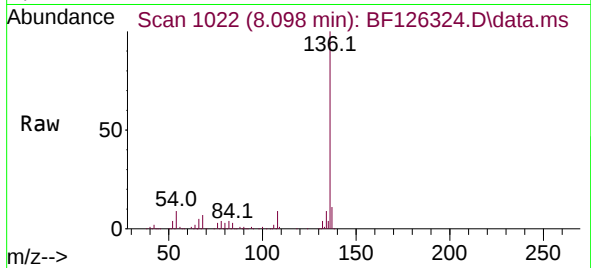




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

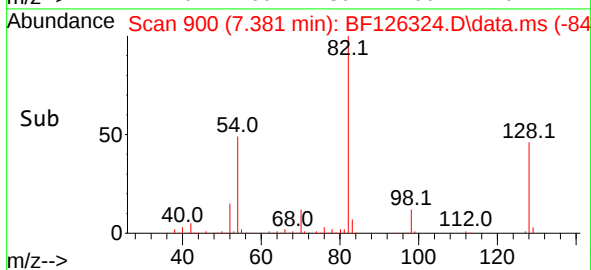
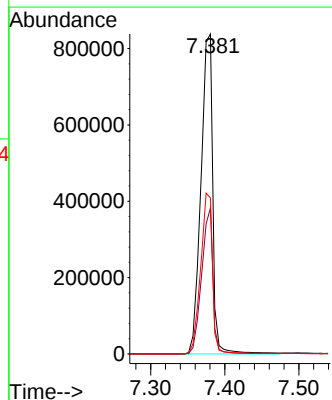
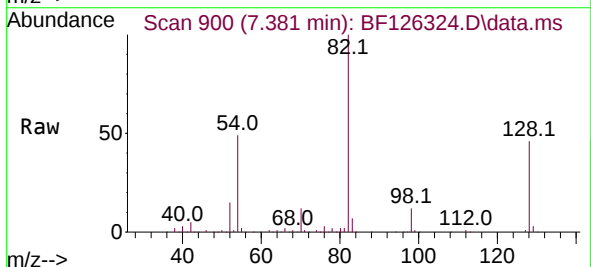
Instrument :
BNA_F
ClientSampleId :

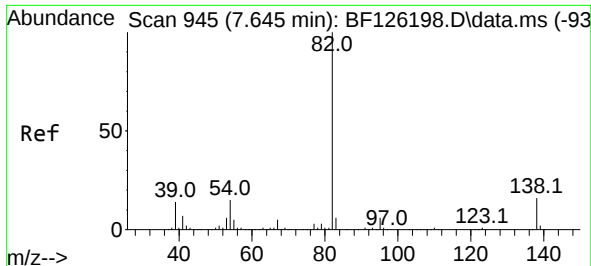
Tgt Ion:136 Resp: 555949
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.1 6.4 9.6
68 7.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 90.941 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

Tgt Ion: 82 Resp: 933522
Ion Ratio Lower Upper
82 100
128 45.6 40.6 60.8
54 48.7 49.6 74.4#

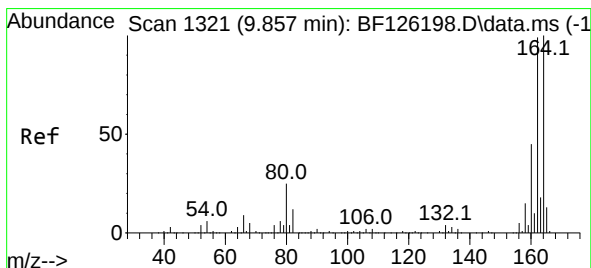
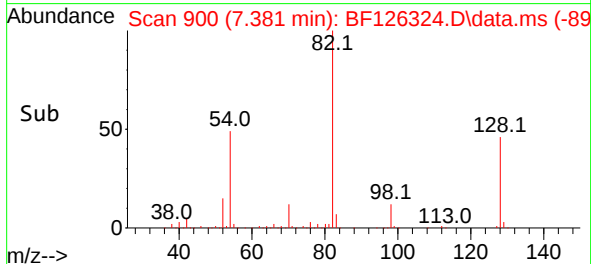
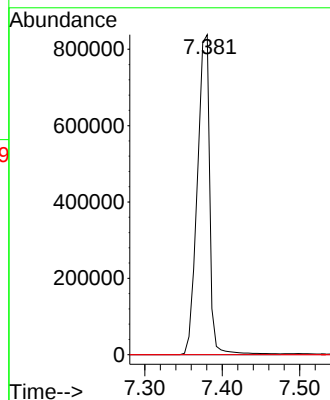
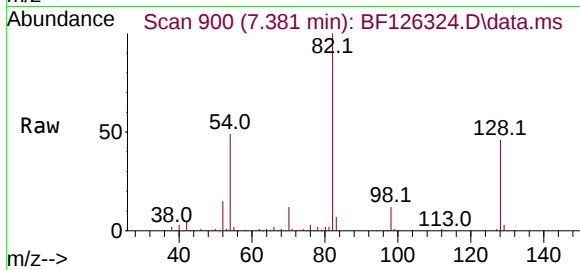




#25
Isophorone
Concen: 48.157 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

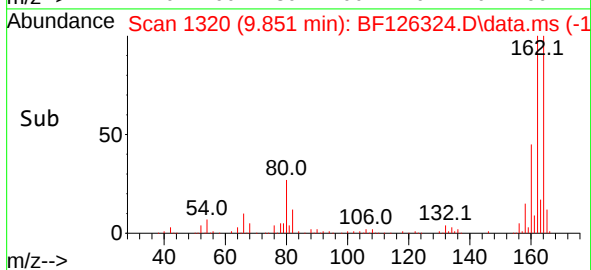
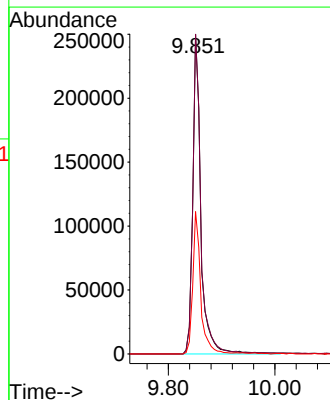
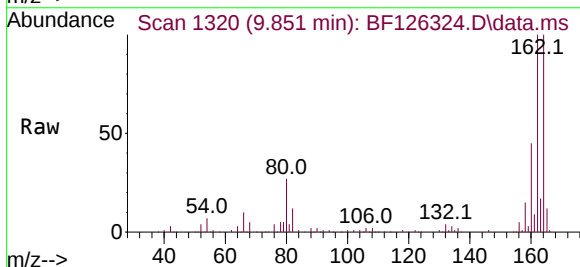
Instrument :
BNA_F
ClientSampleId :

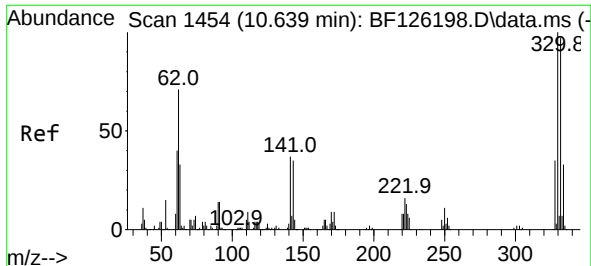
Tgt Ion: 82 Resp: 933511
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

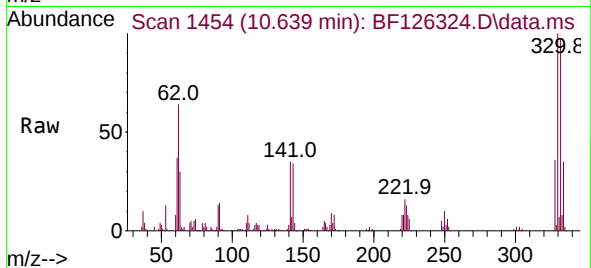
Tgt Ion: 164 Resp: 265304
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 44.5 38.0 57.0



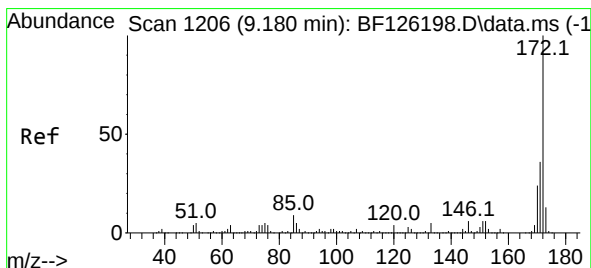
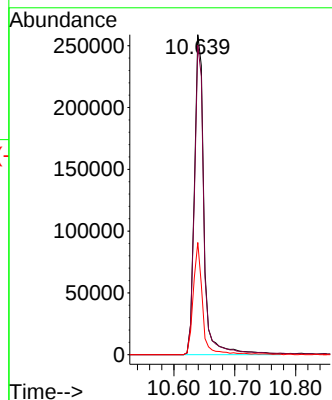
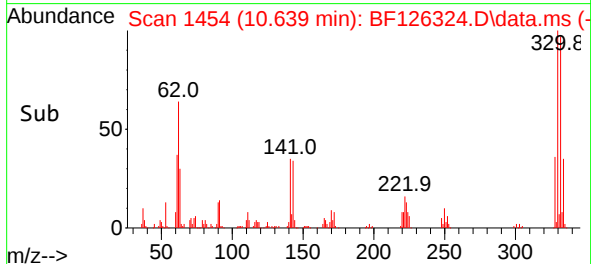


#42
2,4,6-Tribromophenol
Concen: 133.653 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

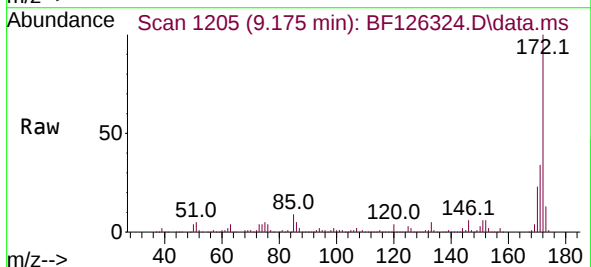
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BNA_F
ClientSampleId :



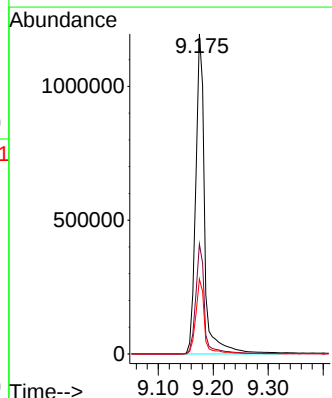
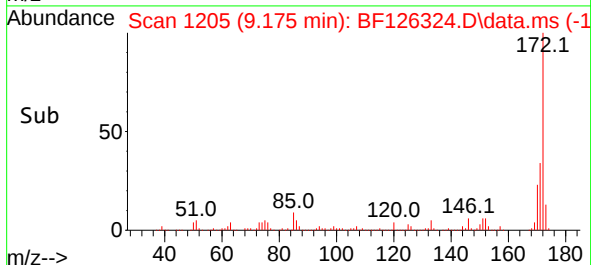
Tgt Ion:330 Resp: 284961
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.0 44.6 66.8#

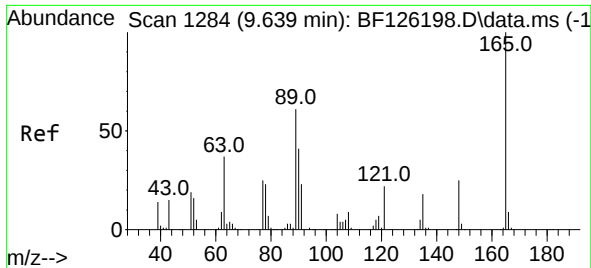


#45
2-Fluorobiphenyl
Concen: 89.779 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20



Tgt Ion:172 Resp: 1358063
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 23.4 18.8 28.2

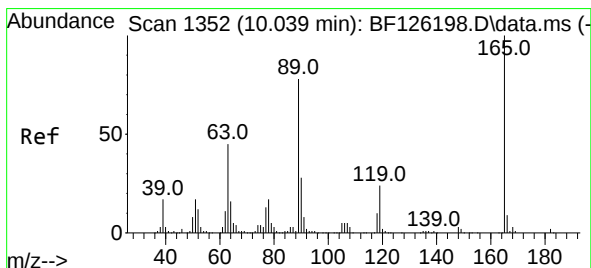
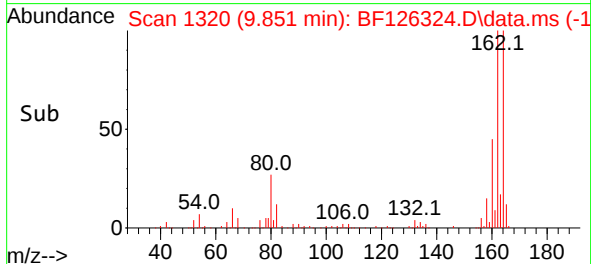
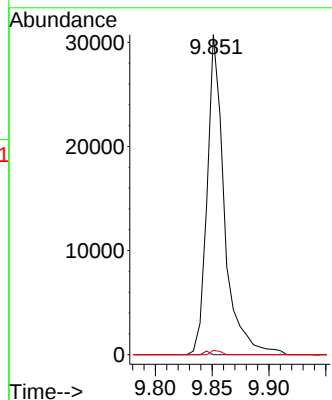
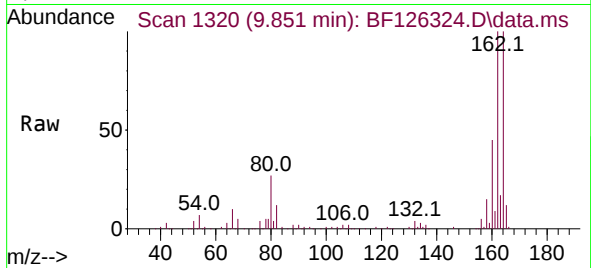




#51
2,6-Dinitrotoluene
Concen: 8.911 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

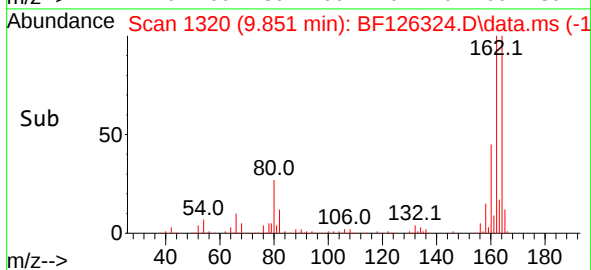
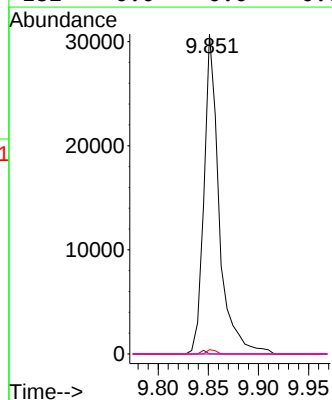
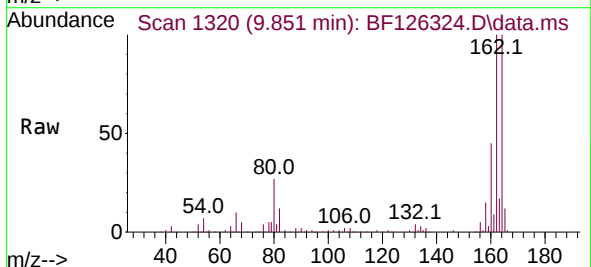
Instrument :
BNA_F
ClientSampleId :

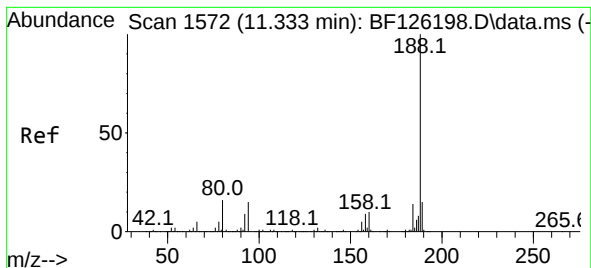
Tgt Ion:165 Resp: 32415
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.986 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

Tgt Ion:165 Resp: 32416
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126324.D

Acq: 22 Dec 2021 12:20

Instrument :

BNA_F

ClientSampleId :

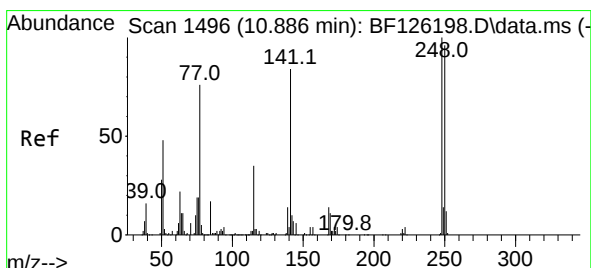
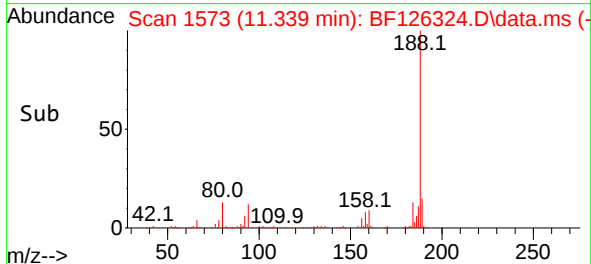
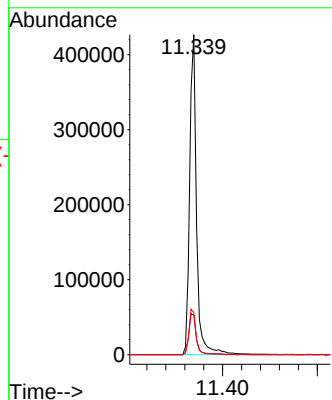
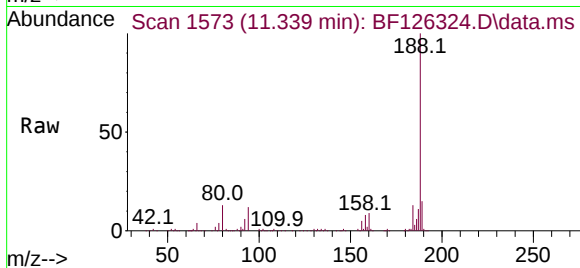
Tgt Ion:188 Resp: 429590

Ion Ratio Lower Upper

188 100

94 12.4 6.7 10.1#

80 13.2 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.696 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126324.D

Acq: 22 Dec 2021 12:20

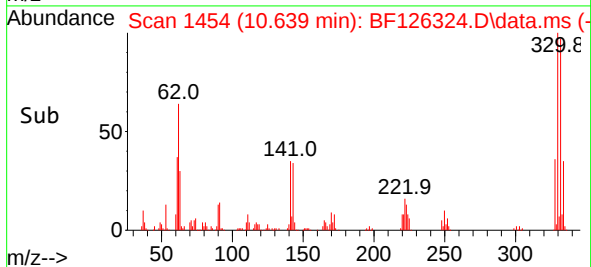
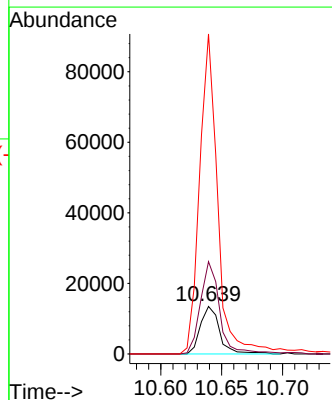
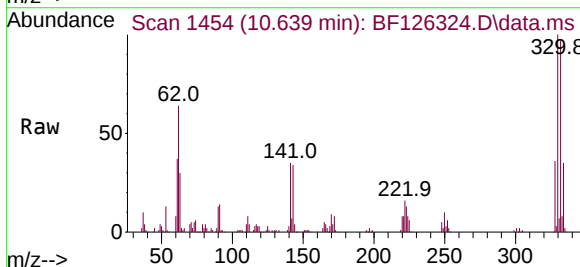
Tgt Ion:248 Resp: 14902

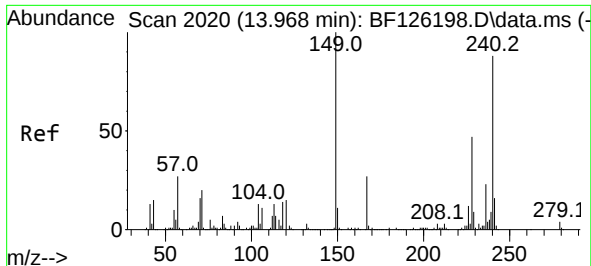
Ion Ratio Lower Upper

248 100

250 194.1 74.2 111.4#

141 672.9 60.4 90.6#

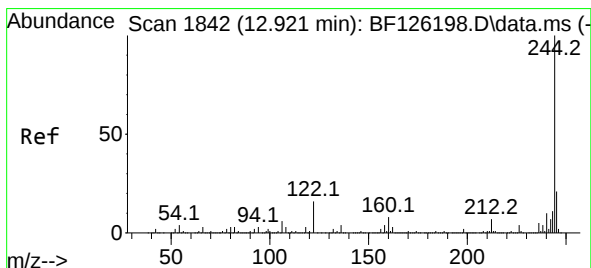
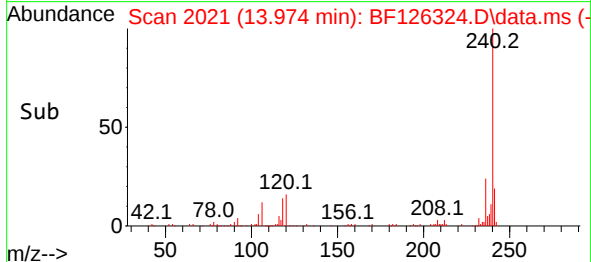
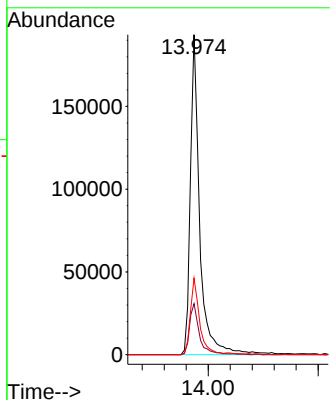
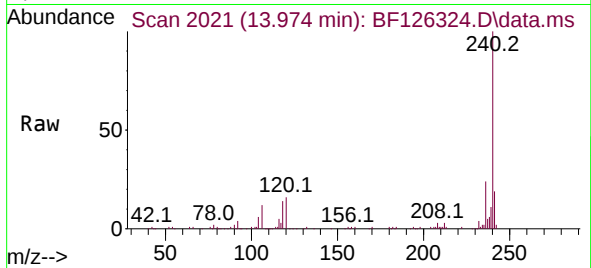




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

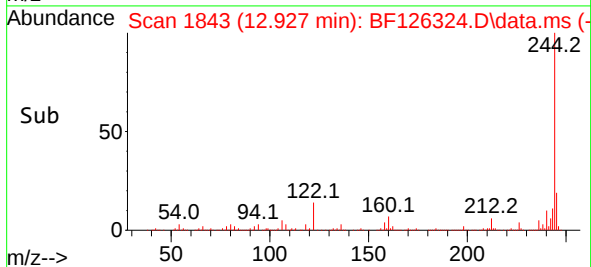
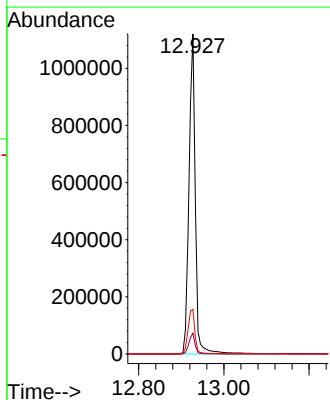
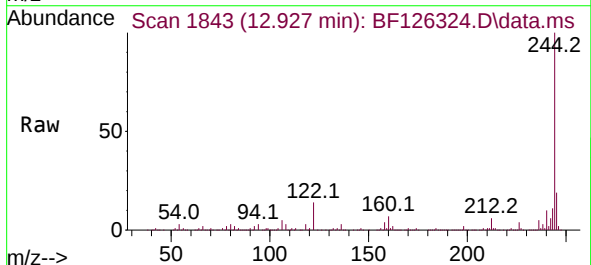
Instrument :
BNA_F
ClientSampleId :

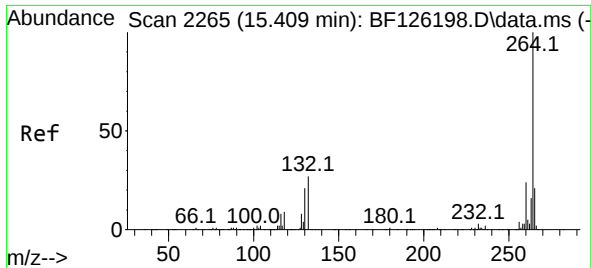
Tgt Ion:240 Resp: 228380
Ion Ratio Lower Upper
240 100
120 16.0 10.8 16.2
236 23.9 21.6 32.4



#79
Terphenyl-d14
Concen: 87.857 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

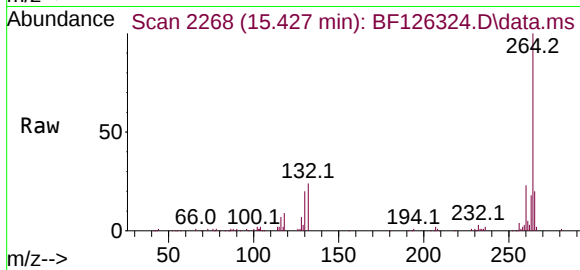
Tgt Ion:244 Resp: 1154398
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 13.9 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126324.D
Acq: 22 Dec 2021 12:20

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 204487
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 20.3 17.2 25.8

