

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
 Data File : BF126323.D
 Acq On : 22 Dec 2021 11:49
 Operator : JU/CG
 Sample : PB141539BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 13:01:59 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)

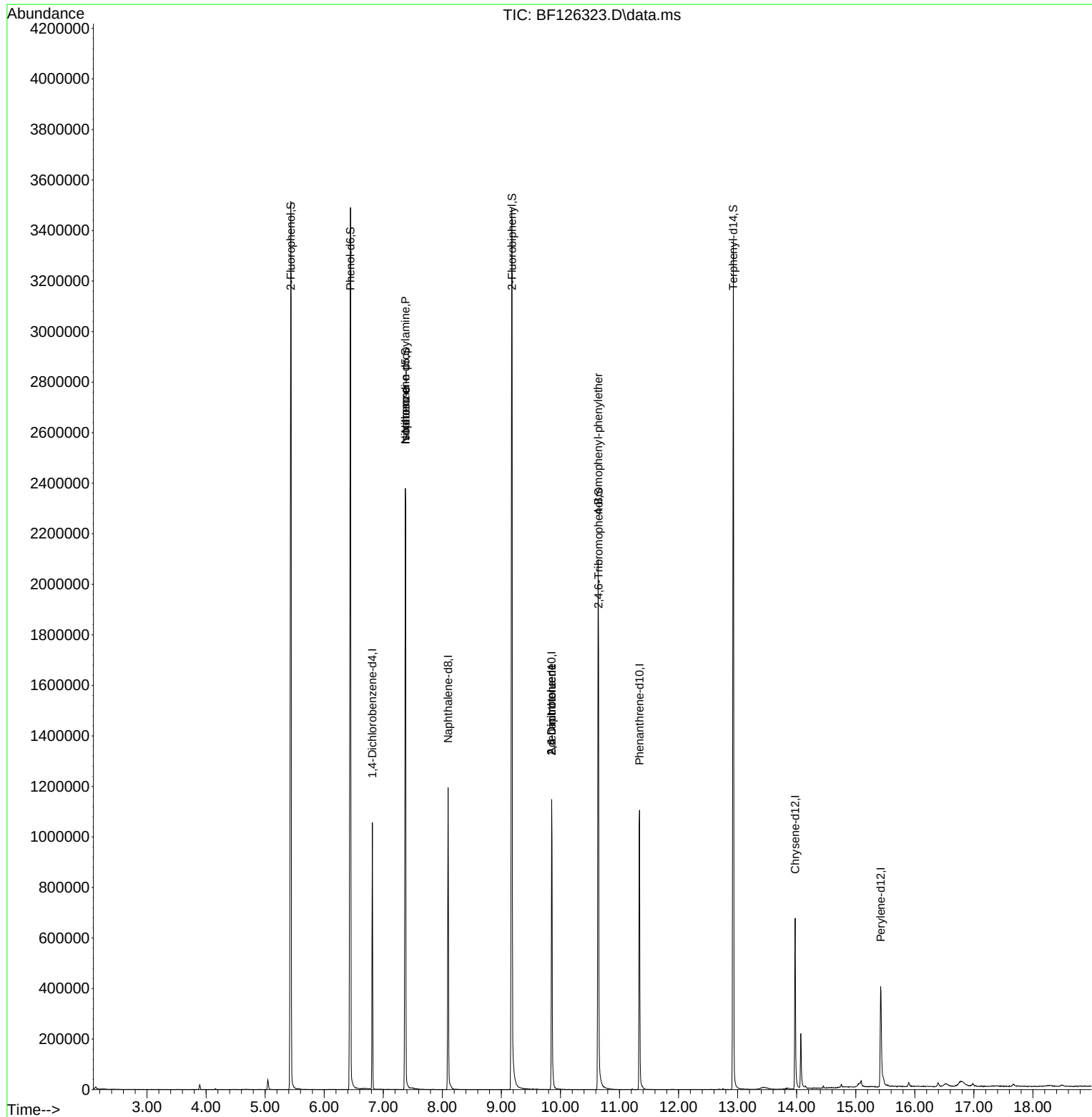
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	136886	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	582699	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	276644	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	451113	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	264302	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	229103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1168182	125.676	ng	0.00
7) Phenol-d6	6.445	99	1448714	122.746	ng	0.00
23) Nitrobenzene-d5	7.375	82	957402	88.986	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	294185	132.323	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1368890	86.786	ng	0.00
79) Terphenyl-d14	12.927	244	1188517	78.160	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	122399	16.893	ng	# 55
25) Isophorone	7.375	82	957389	47.122	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	34848	9.187	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	34958	7.225	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	15061	3.557	ng	# 1

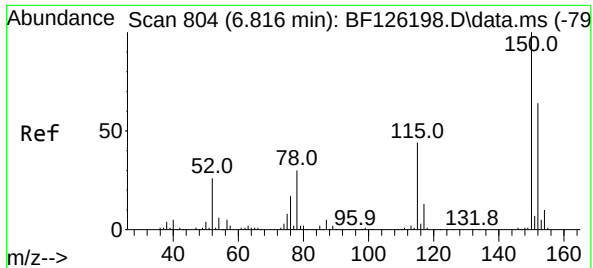
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126323.D
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Operator : JU/CG
Sample : PB141539BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

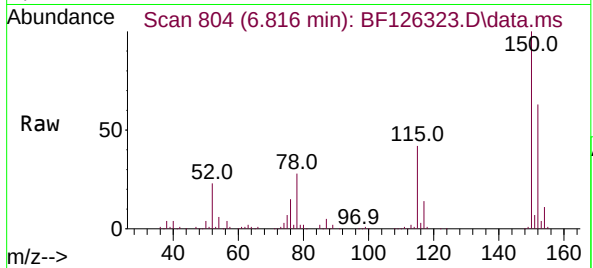
Quant Time: Dec 22 13:01:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration



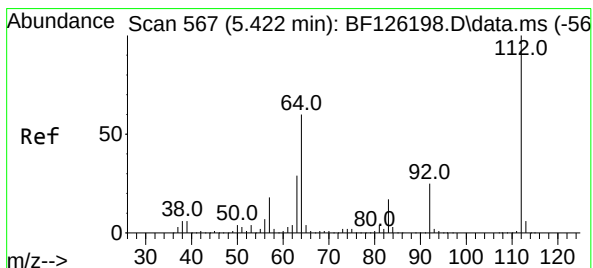
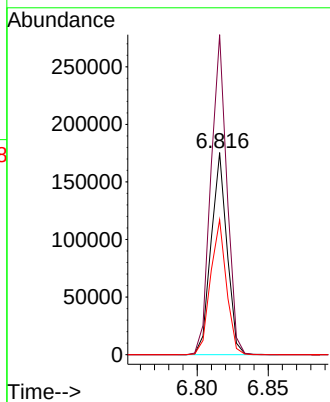
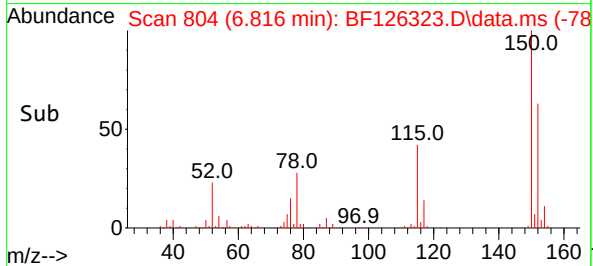


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

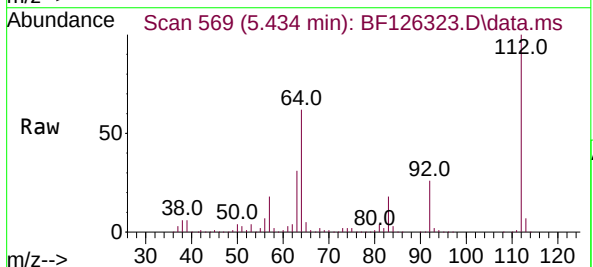
Instrument :
BNA_F
ClientSampleId :



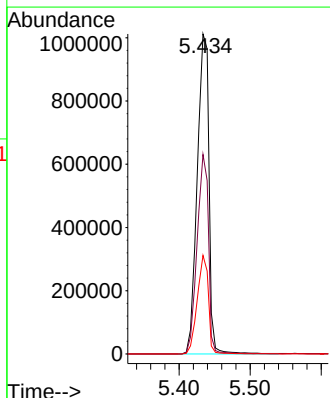
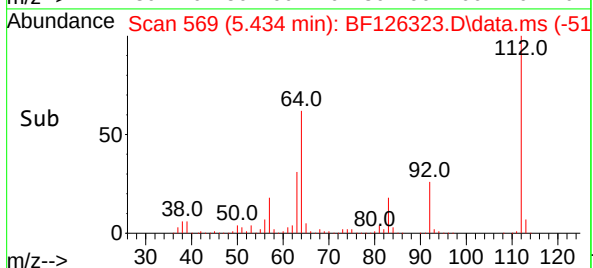
Tgt Ion:152 Resp: 136886
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 66.8 47.1 70.7

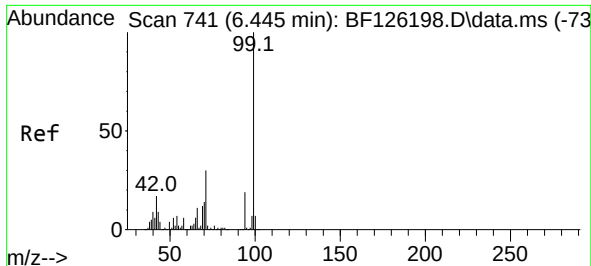


#5
2-Fluorophenol
Concen: 125.676 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49



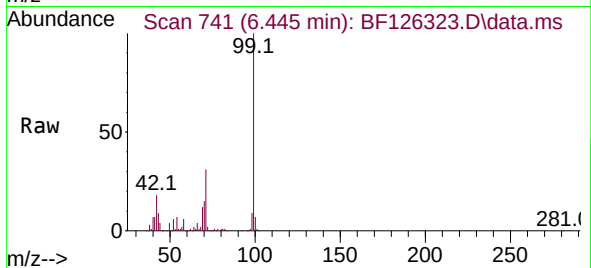
Tgt Ion:112 Resp: 1168182
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.2
63 30.8 26.2 39.2





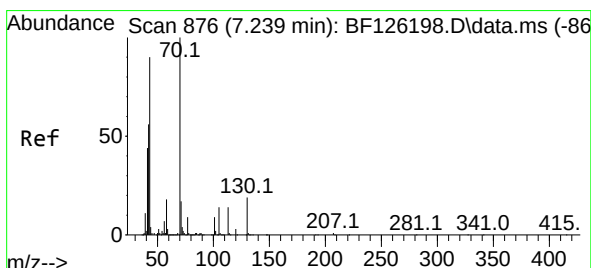
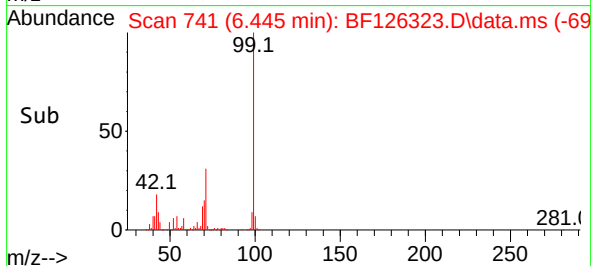
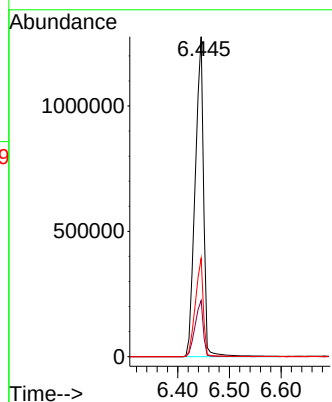
#7
Phenol-d6
Concen: 122.746 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1448714

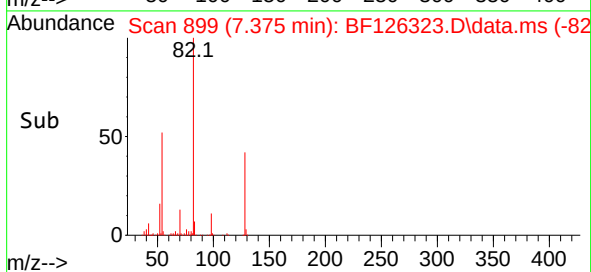
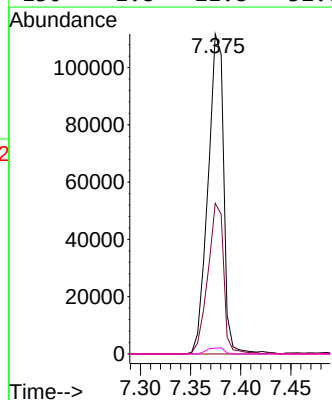
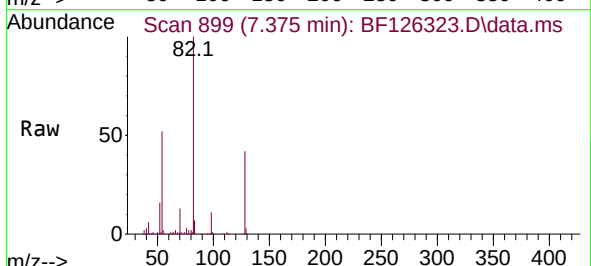
Ion	Ratio	Lower	Upper
99	100		
42	17.6	23.5	35.3#
71	30.8	25.6	38.4

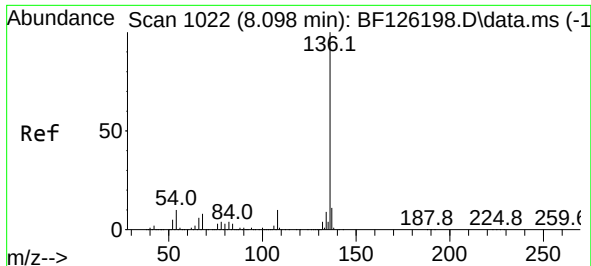


#19
n-Nitroso-di-n-propylamine
Concen: 16.893 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Tgt Ion: 70 Resp: 122399

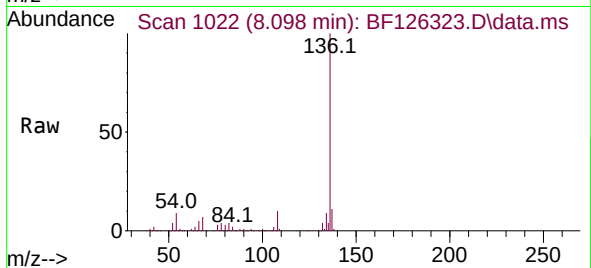
Ion	Ratio	Lower	Upper
70	100		
42	47.1	72.2	108.2#
101	0.0	7.8	11.8#
130	1.8	21.8	32.6#



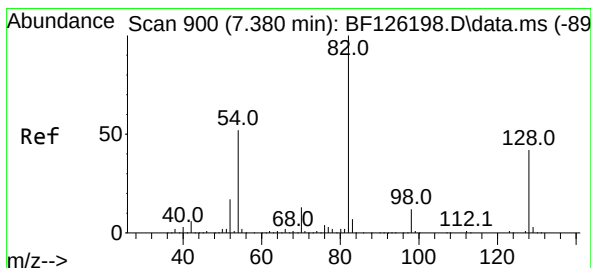
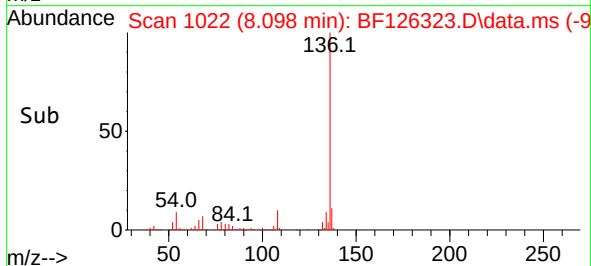
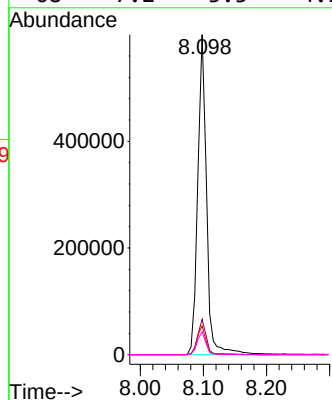


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Instrument :
BNA_F
ClientSampleId :

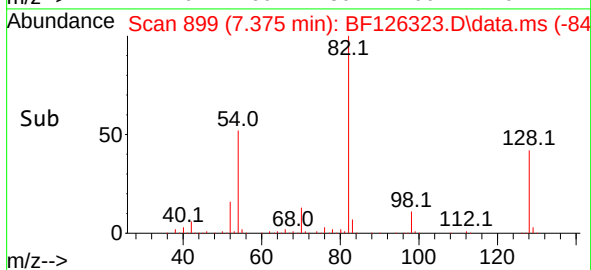
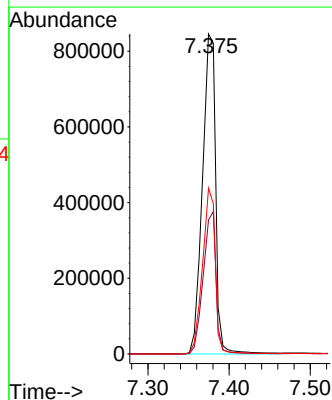
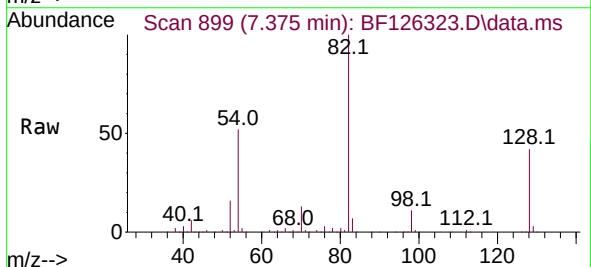


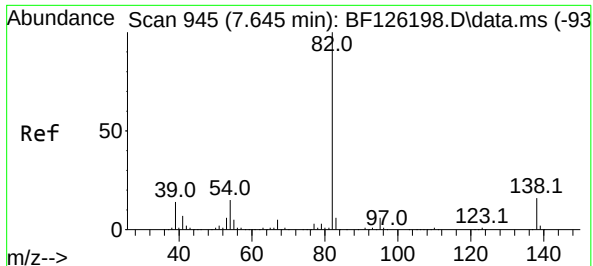
Tgt Ion:	136	Resp:	582699
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.0	6.4	9.6
68	7.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 88.986 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Tgt Ion:	82	Resp:	957402
Ion	Ratio	Lower	Upper
82	100		
128	41.9	40.6	60.8
54	51.8	49.6	74.4

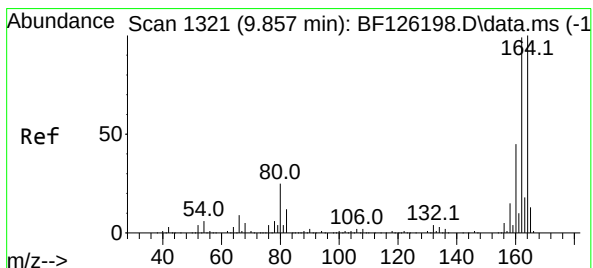
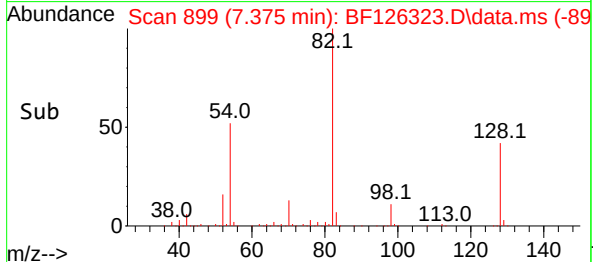
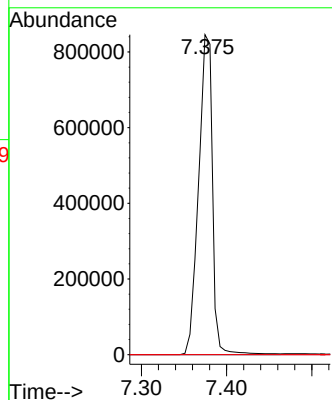
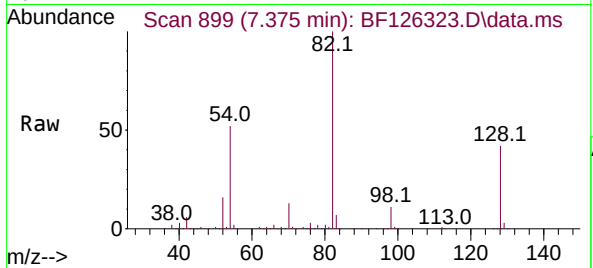




#25
Isophorone
Concen: 47.122 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

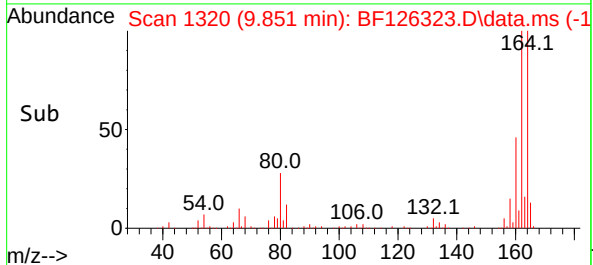
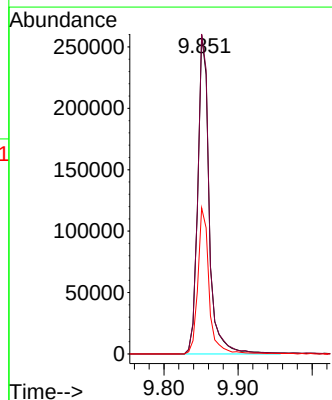
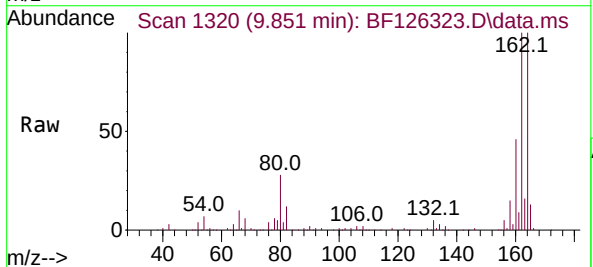
Instrument :
BNA_F
ClientSampleId :

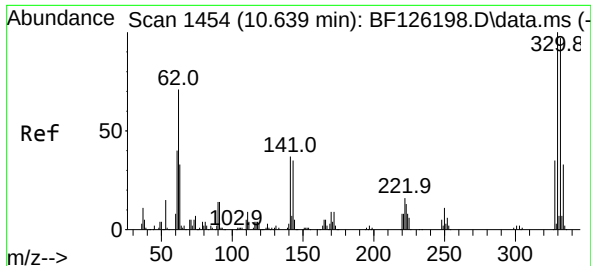
Tgt Ion: 82 Resp: 957389
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Tgt Ion:164 Resp: 276644
Ion Ratio Lower Upper
164 100
162 100.4 81.3 121.9
160 45.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 132.323 ng

RT: 10.645 min Scan# 1454

Delta R.T. -0.000 min

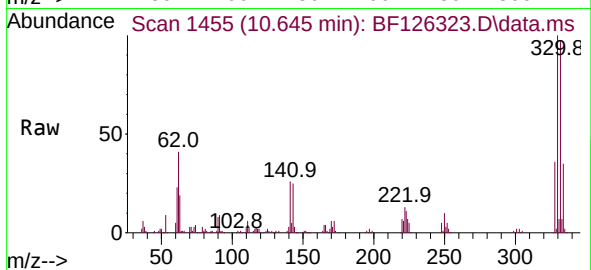
Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Instrument :

BNA_F

ClientSampleId :



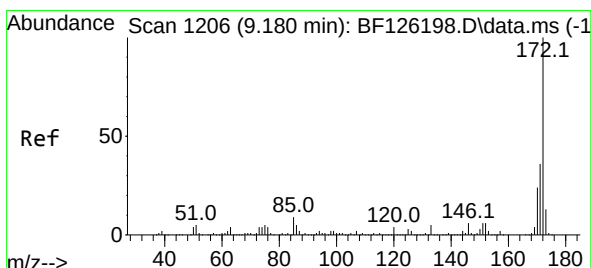
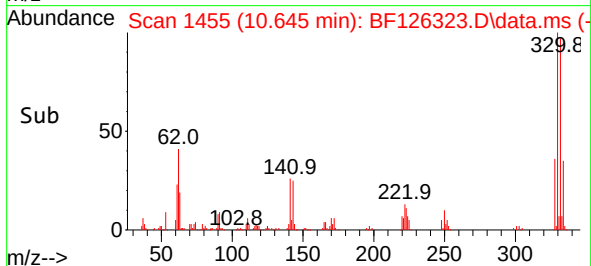
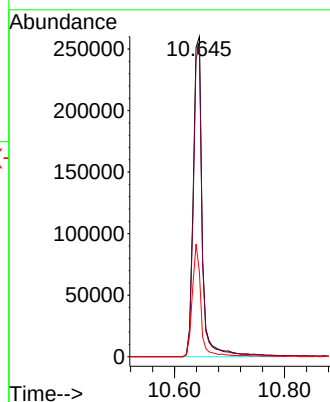
Tgt Ion:330 Resp: 294185

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 33.5 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 86.786 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.000 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

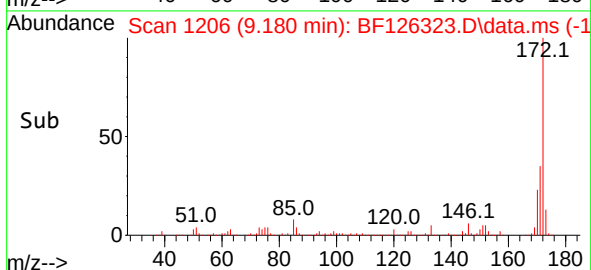
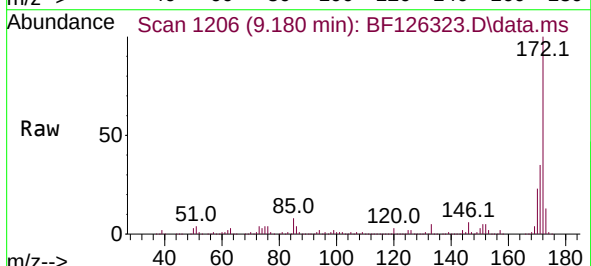
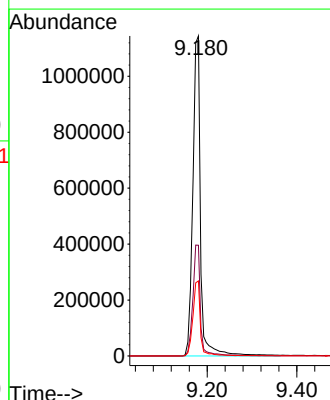
Tgt Ion:172 Resp: 1368890

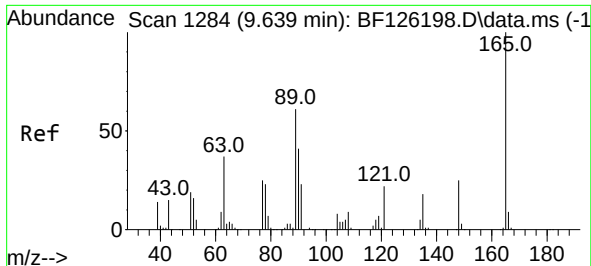
Ion Ratio Lower Upper

172 100

171 34.6 26.5 39.7

170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.187 ng

RT: 9.851 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Instrument :

BNA_F

ClientSampleId :

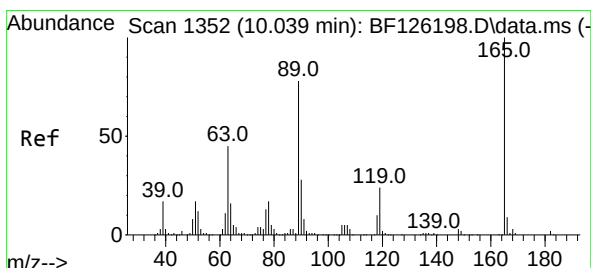
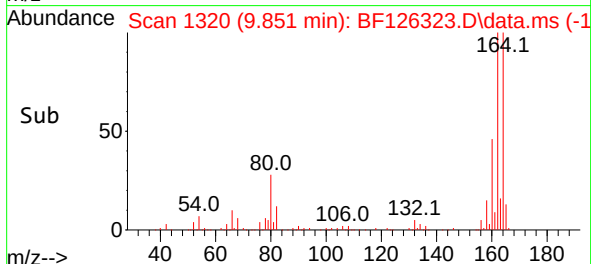
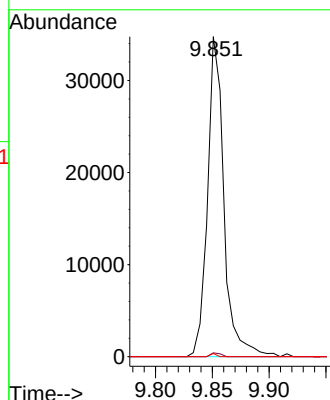
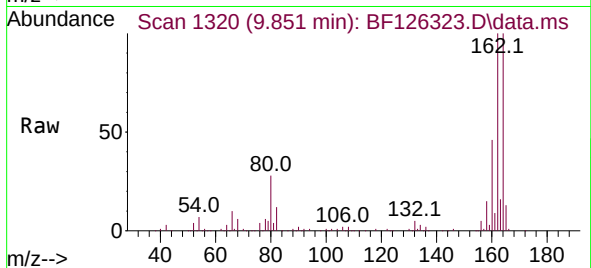
Tgt Ion:165 Resp: 34848

Ion Ratio Lower Upper

165 100

63 1.2 42.6 63.8#

89 1.0 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.225 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Tgt Ion:165 Resp: 34958

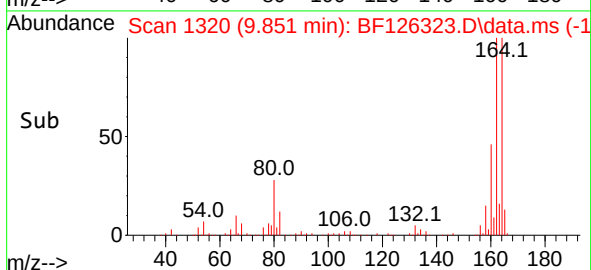
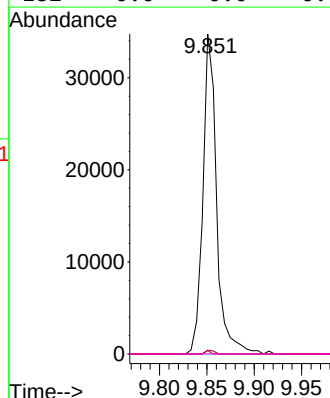
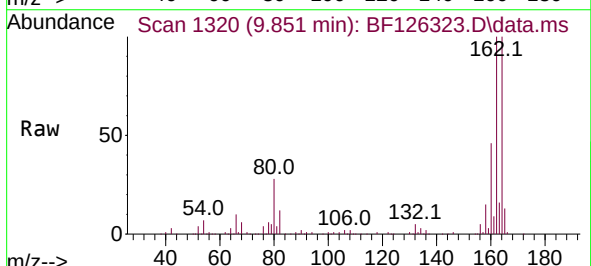
Ion Ratio Lower Upper

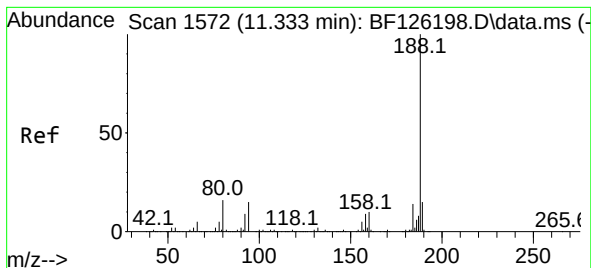
165 100

63 1.2 40.9 61.3#

89 1.0 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: BF126323.D

Acq: 22 Dec 2021 11:49

Instrument :

BNA_F

ClientSampleId :

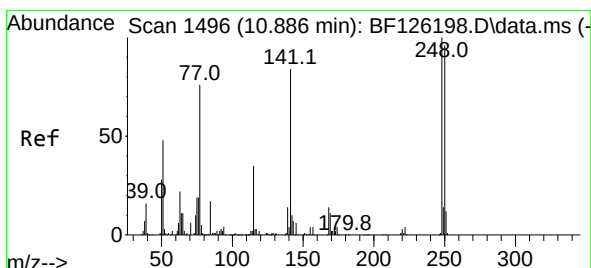
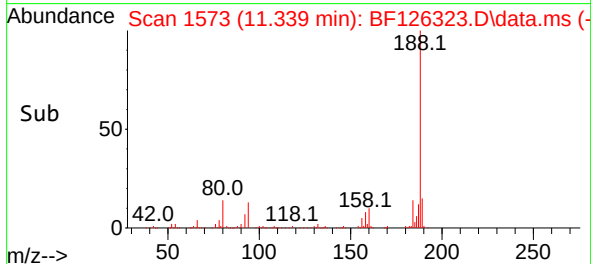
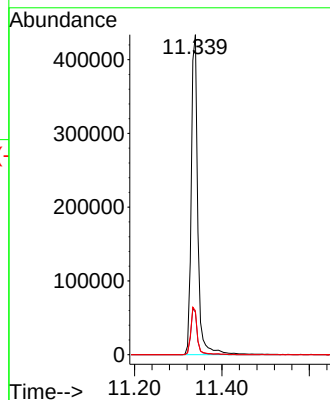
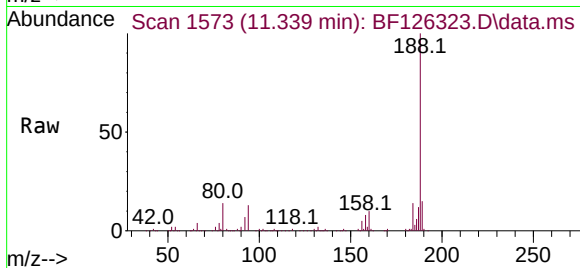
Tgt Ion:188 Resp: 451113

Ion Ratio Lower Upper

188 100

94 13.2 6.7 10.1#

80 13.7 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.557 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

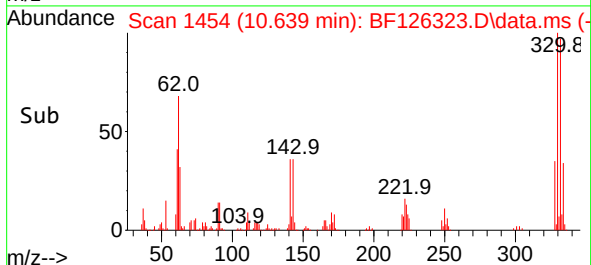
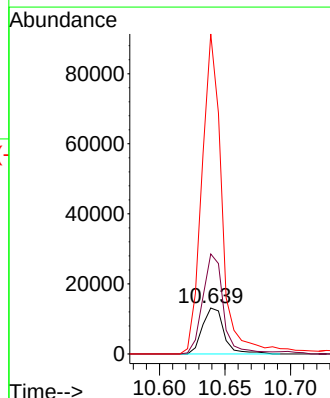
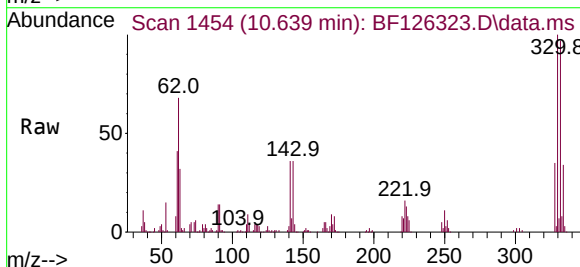
Tgt Ion:248 Resp: 15061

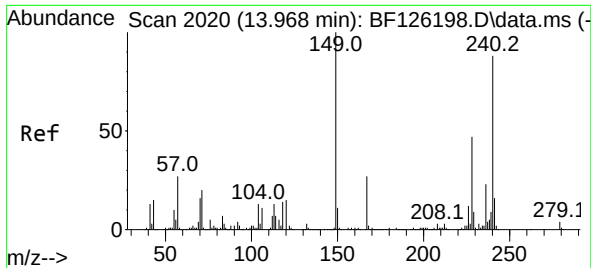
Ion Ratio Lower Upper

248 100

250 217.7 74.2 111.4#

141 696.2 60.4 90.6#

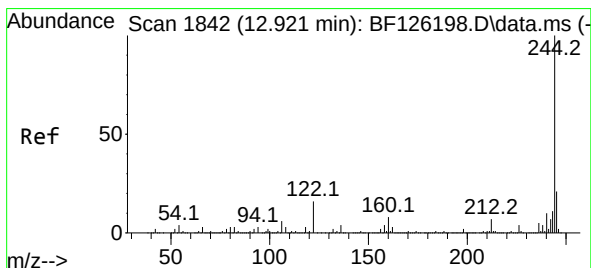
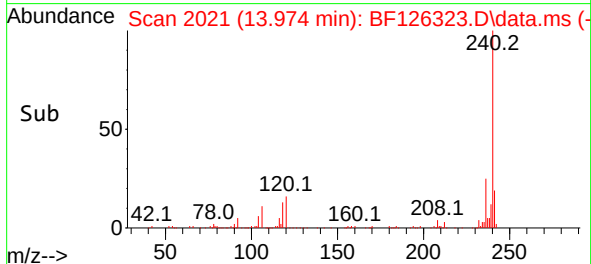
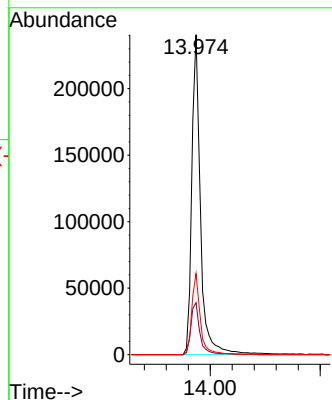
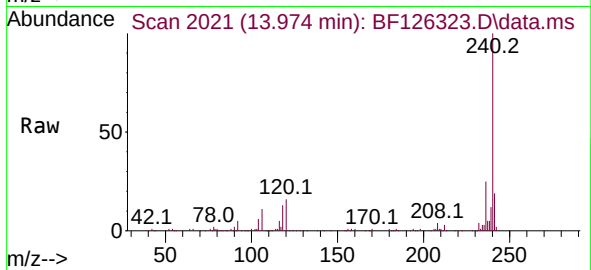




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

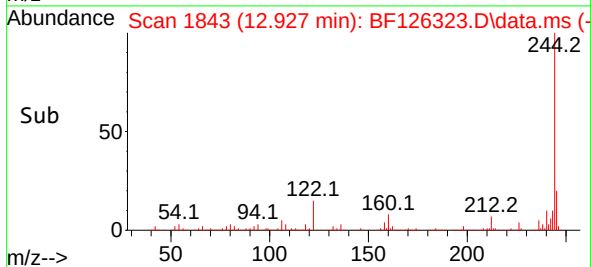
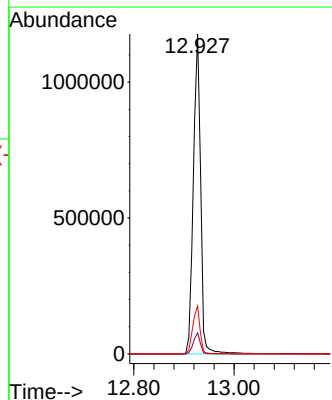
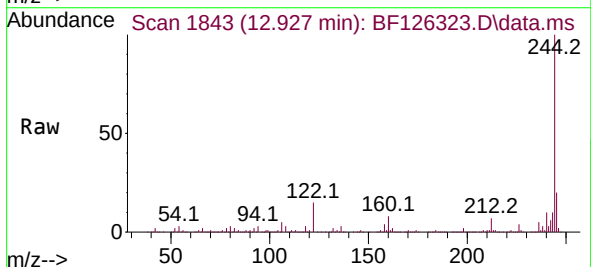
Instrument :
BNA_F
ClientSampleId :

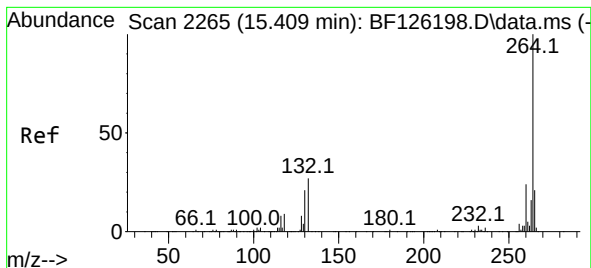
Tgt Ion:240 Resp: 264302
Ion Ratio Lower Upper
240 100
120 16.2 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 78.160 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF126323.D
Acq: 22 Dec 2021 11:49

Tgt Ion:244 Resp: 1188517
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 15.0 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.006 min

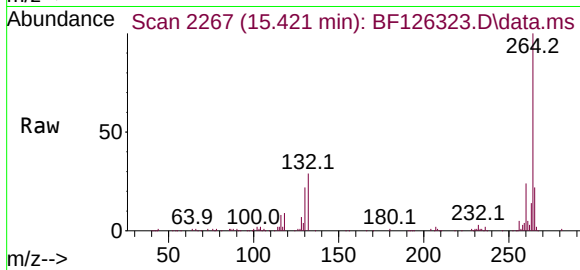
Lab File: BF126323.D

Acq: 22 Dec 2021 11:49

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 229103

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.6 17.2 25.8

