

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126222.D
 Acq On : 16 Dec 2021 20:50
 Operator : JU/CG
 Sample : M5022-59RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 17 01:48:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

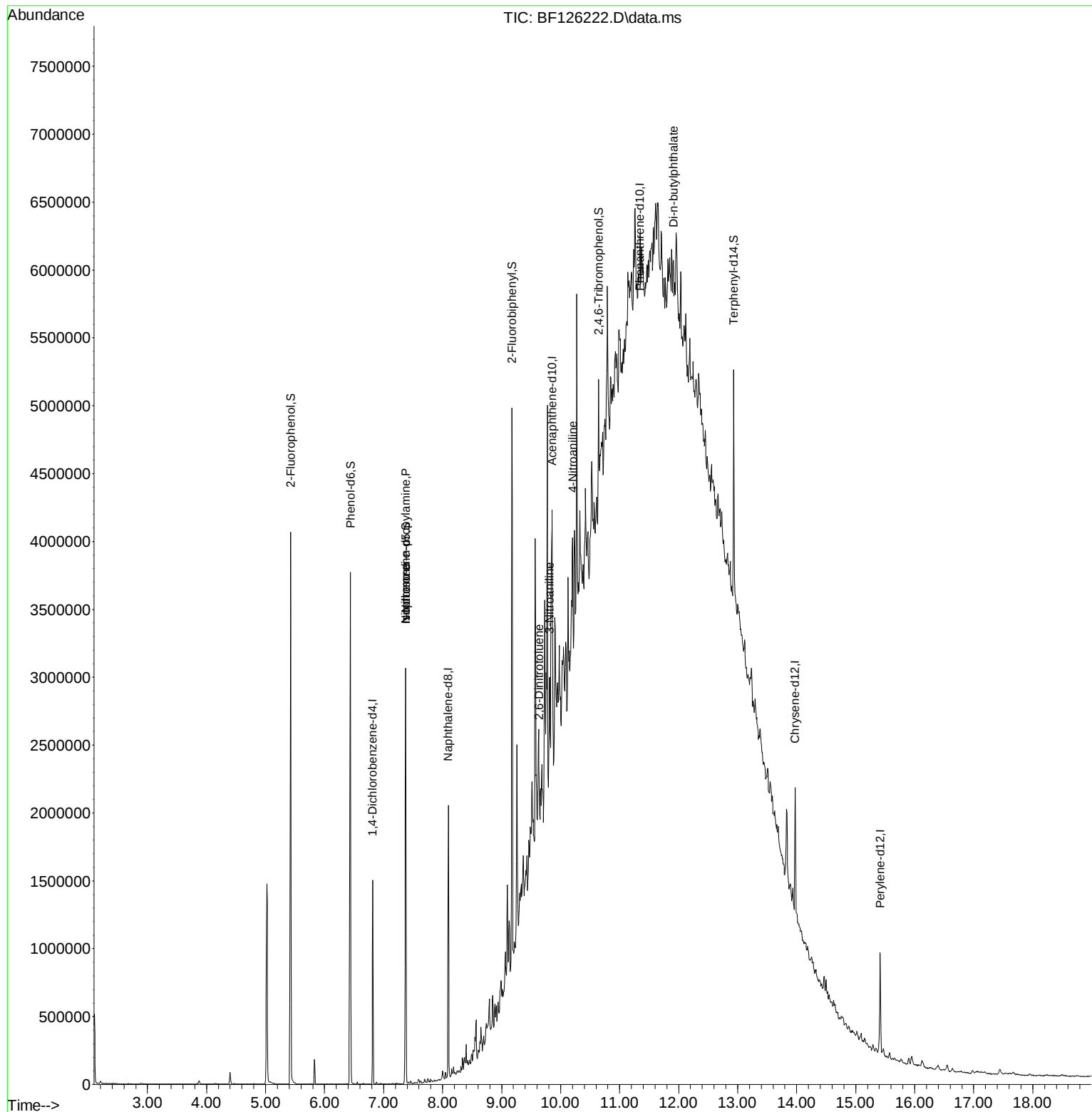
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	190998	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	796511	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	282349	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	284013	20.000	ng	# 0.01
76) Chrysene-d12	13.974	240	316961	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	284983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1229339	94.786	ng	0.00
7) Phenol-d6	6.439	99	1552292	94.260	ng	0.00
23) Nitrobenzene-d5	7.375	82	986872	67.103	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	190446	83.931	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1242197	77.162	ng	0.00
79) Terphenyl-d14	12.933	244	765349	41.969	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	125370	12.401	ng	# 57
25) Isophorone	7.375	82	961175	34.609	ng	# 59
51) 2,6-Dinitrotoluene	9.633	165	13827	3.572	ng	# 32
53) 3-Nitroaniline	9.810	138	24088	4.896	ng	# 23
62) 4-Nitroaniline	10.204	138	12596	3.052	ng	91
74) Di-n-butylphthalate	11.916	149	50628	2.882	ng	# 62

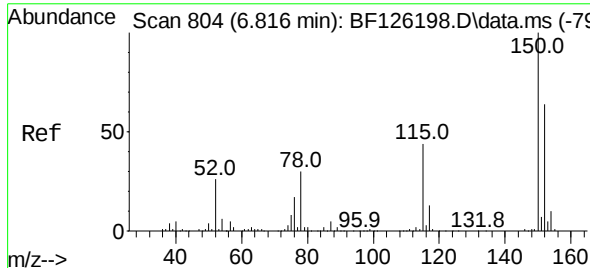
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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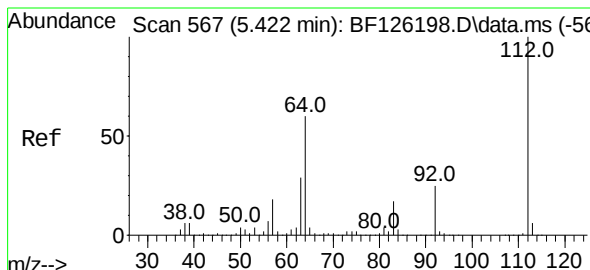
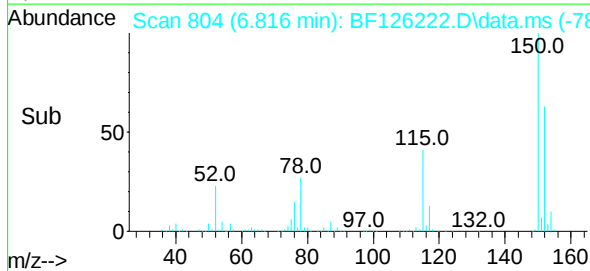
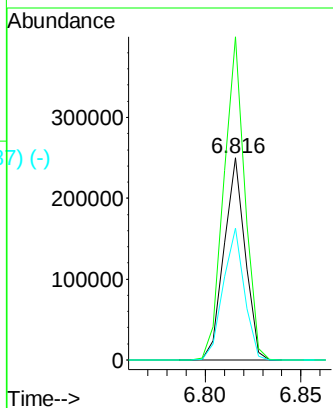
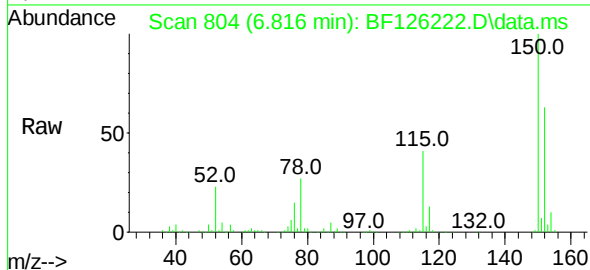




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126222.D
Acq: 16 Dec 2021 20:50

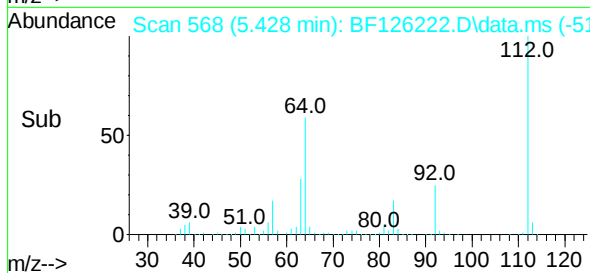
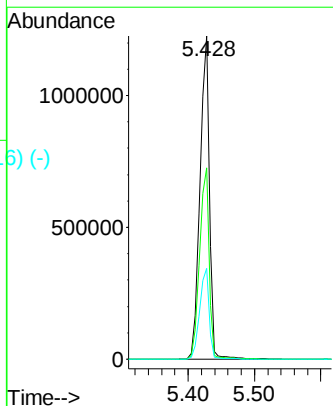
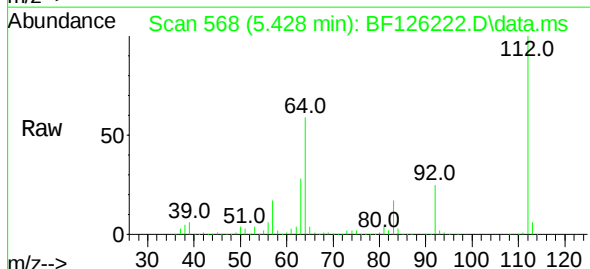
Instrument :
BNA_F
ClientSampleId :

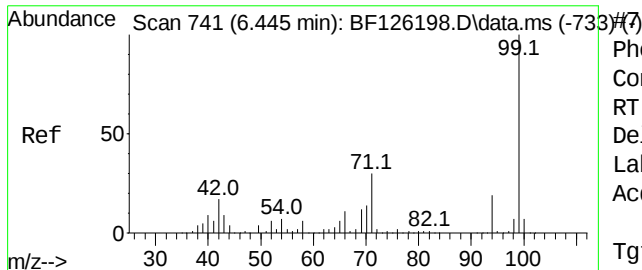
Tgt Ion:152 Resp: 190998
Ion Ratio Lower Upper
152 100
150 159.9 117.6 176.4
115 65.1 47.1 70.7



2-Fluorophenol
Concen: 94.786 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126222.D
Acq: 16 Dec 2021 20:50

Tgt Ion:112 Resp: 1229339
Ion Ratio Lower Upper
112 100
64 59.1 44.2 66.2
63 28.1 26.2 39.2

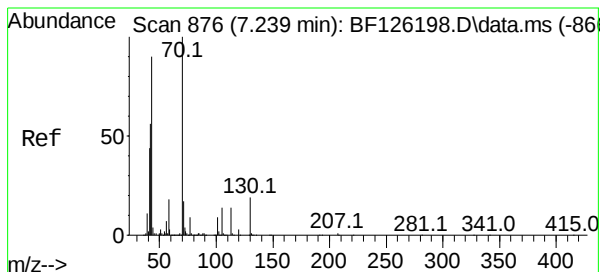
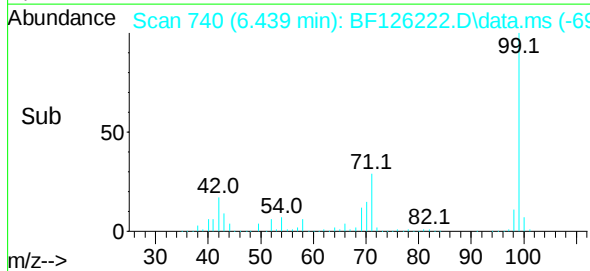
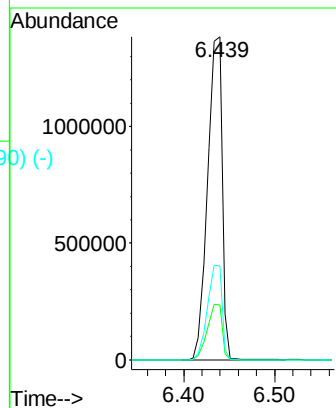
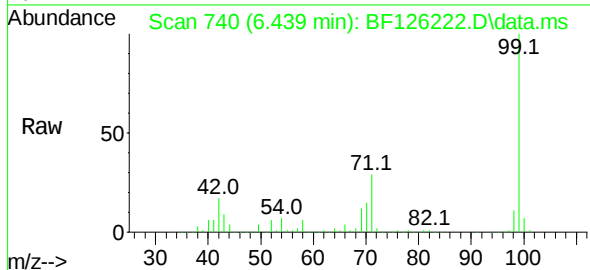




Phenol-d6
 Concen: 94.260 ng
 RT: 6.439 min Scan#
 Delta R.T. -0.006 min
 Lab File: BF126222.D
 Acq: 16 Dec 2021 20:50

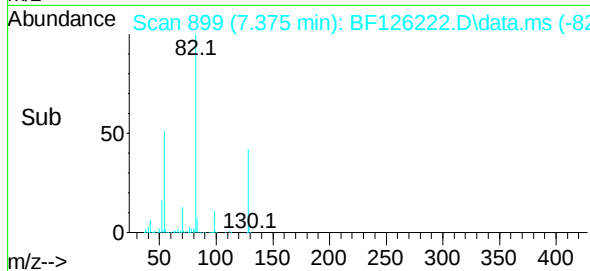
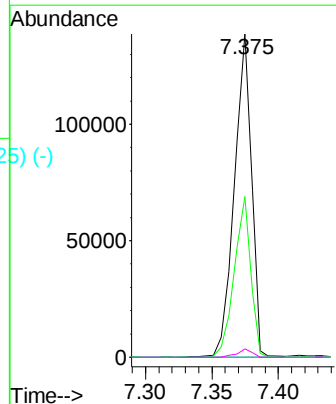
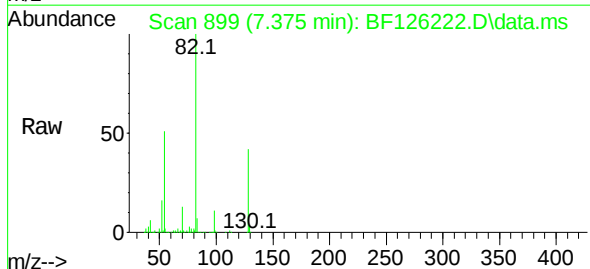
Instrument :
 BNA_F
 ClientSampleId :

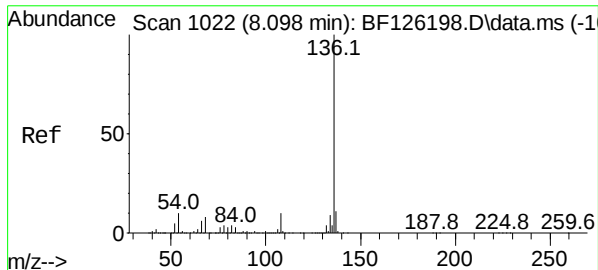
Tgt Ion: 99 Resp: 1552292
 Ion Ratio Lower Upper
 99 100
 42 17.0 23.5 35.3#
 71 29.2 25.6 38.4



n-Nitroso-di-n-propylamine
 Concen: 12.401 ng
 RT: 7.375 min Scan# 899
 Delta R.T. 0.135 min
 Lab File: BF126222.D
 Acq: 16 Dec 2021 20:50

Tgt Ion: 70 Resp: 125370
 Ion Ratio Lower Upper
 70 100
 42 49.7 72.2 108.2#
 101 0.0 7.8 11.8#
 130 2.5 21.8 32.6#





Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

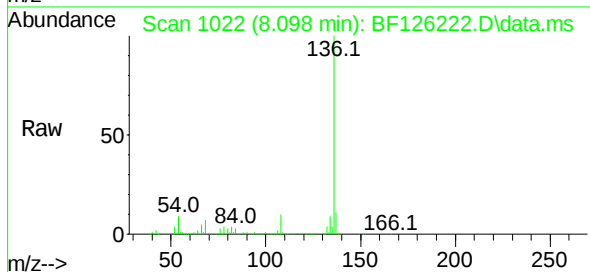
Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 796511

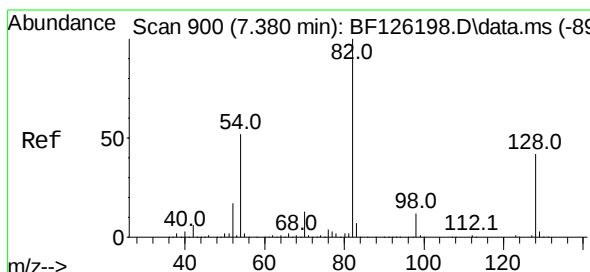
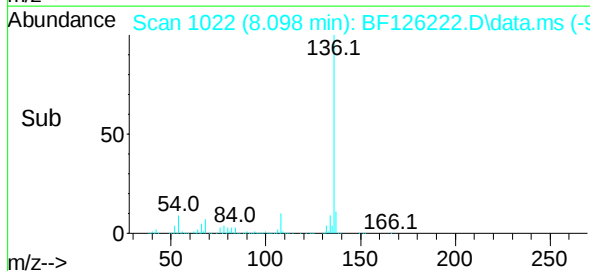
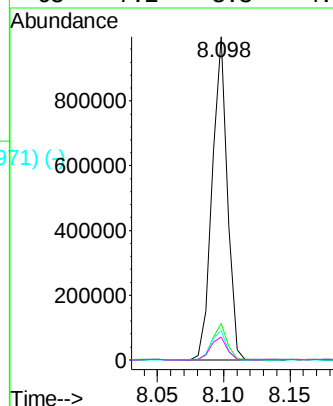
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.6

54 9.0 6.4 9.6

68 7.2 3.3 4.9#



Nitrobenzene-d5

Concen: 67.103 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

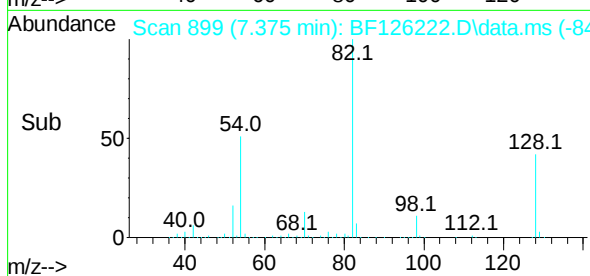
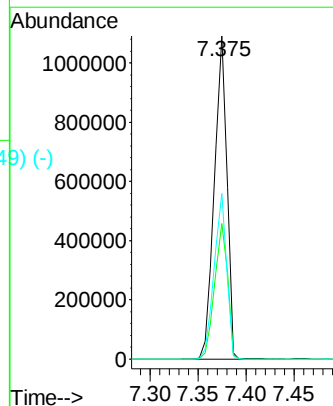
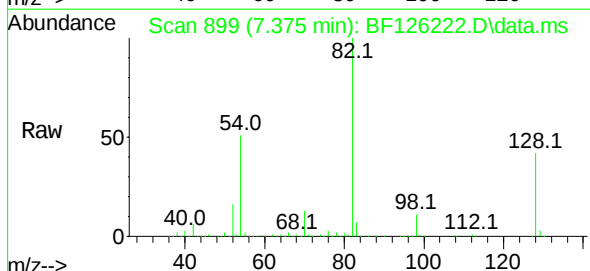
Tgt Ion: 82 Resp: 986872

Ion Ratio Lower Upper

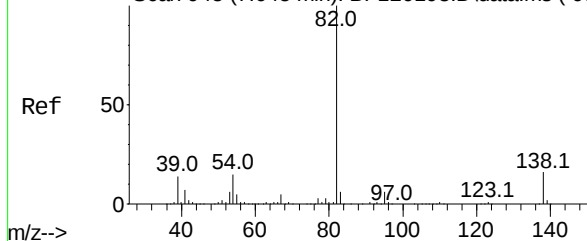
82 100

128 42.1 40.6 60.8

54 51.2 49.6 74.4



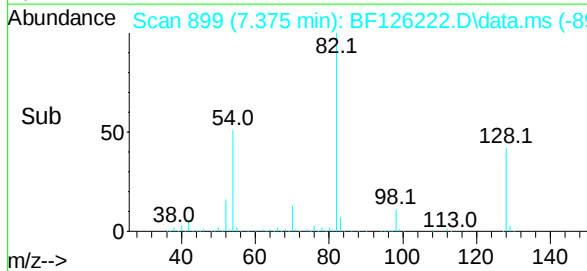
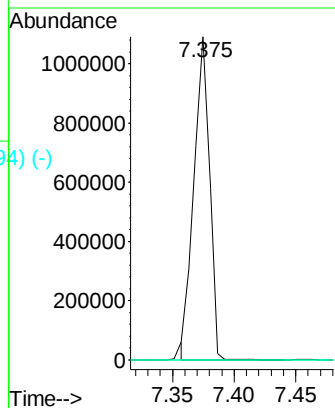
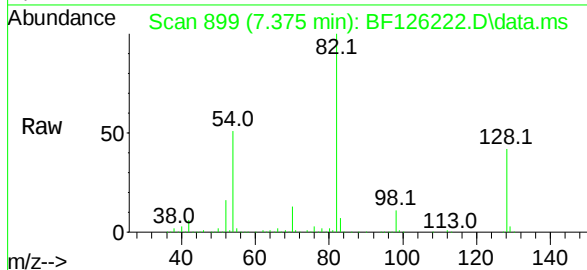
Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25



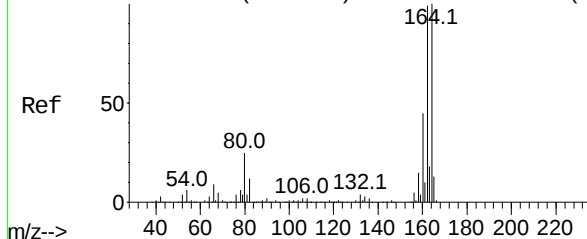
Isophorone
Concen: 34.609 ng
RT: 7.375 min Scan# 819
Delta R.T. -0.270 min
Lab File: BF126222.D
Acq: 16 Dec 2021 20:50

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 961175
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

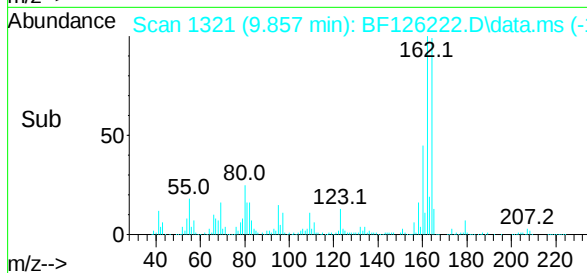
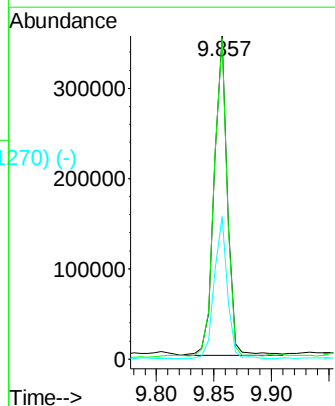
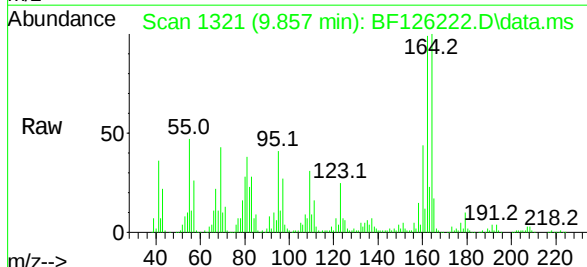


Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-1315) #39



Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF126222.D
Acq: 16 Dec 2021 20:50

Tgt Ion:164 Resp: 282349
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.2 38.0 57.0



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443) (-)

2,4,6-Tribromophenol

Concen: 83.931 ng

RT: 10.645 min Scan# 1443

Delta R.T. 0.006 min

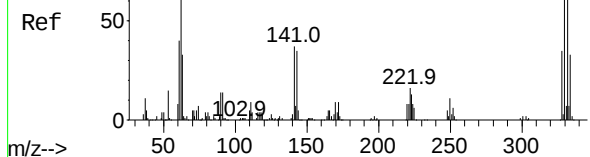
Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

Instrument :

BNA_F

ClientSampleId :



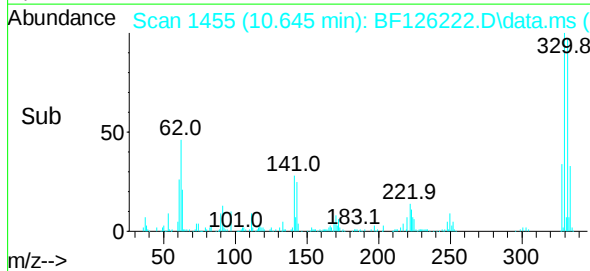
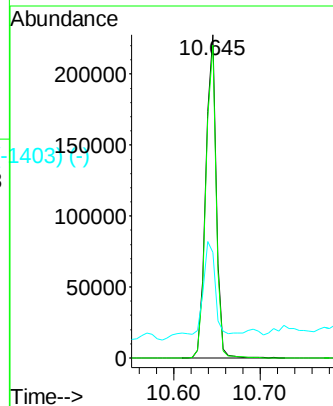
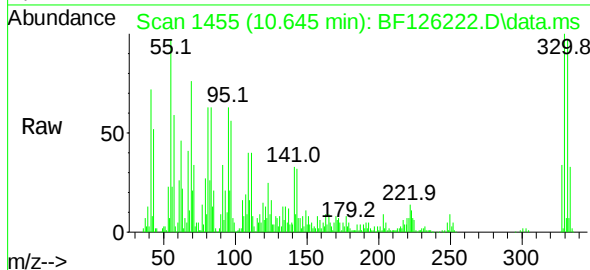
Tgt Ion:330 Resp: 190446

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 41.6 44.6 66.8#



Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1194) (-)

2-Fluorobiphenyl

Concen: 77.162 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

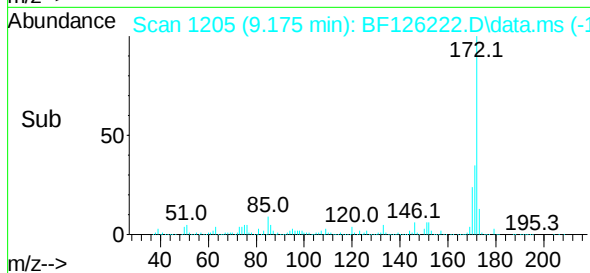
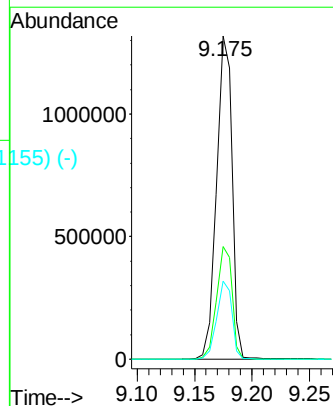
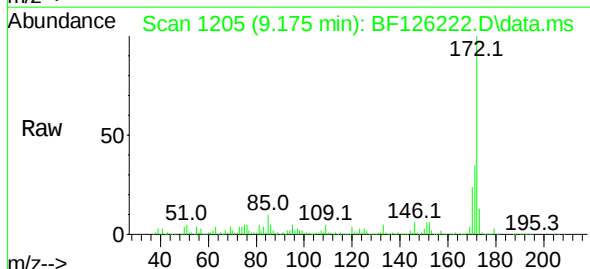
Tgt Ion:172 Resp: 1242197

Ion Ratio Lower Upper

172 100

171 34.8 26.5 39.7

170 24.2 18.8 28.2



Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12751-)

2,6-Dinitrotoluene

Concen: 3.572 ng

RT: 9.633 min Scan#

Delta R.T. -0.006 min

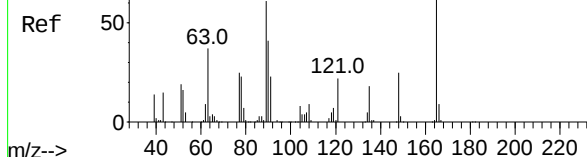
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Acq: 16 Dec 2021 20:50

Instrument :

BNA_F

ClientSampleId :



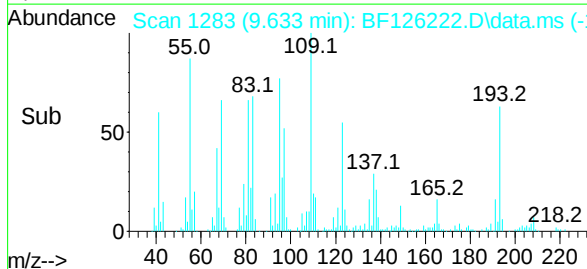
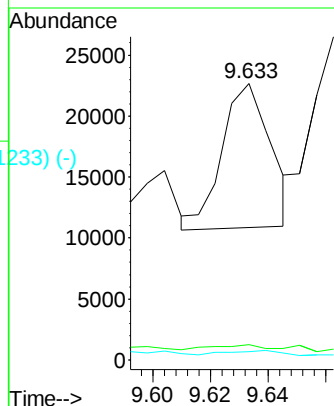
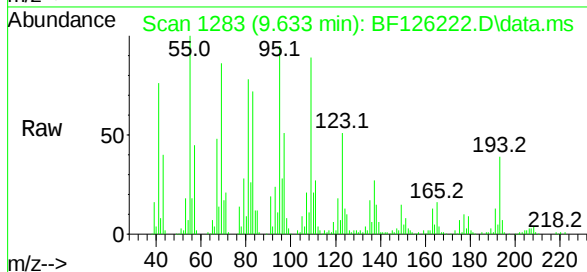
Tgt Ion:165 Resp: 13827

Ion Ratio Lower Upper

165 100

63 5.4 42.6 63.8#

89 2.9 40.6 60.8#



Abundance Scan 1312 (9.804 min): BF126198.D\data.ms (-13053-)

3-Nitroaniline

Concen: 4.896 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.006 min

Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

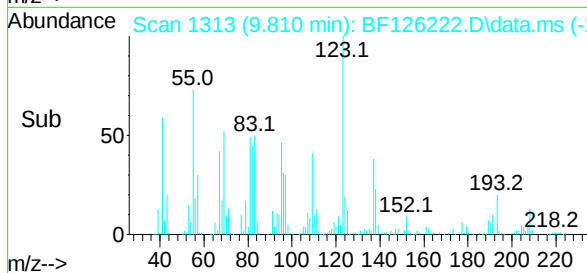
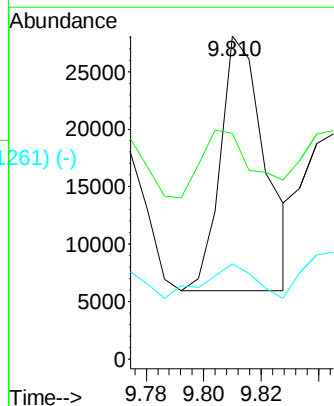
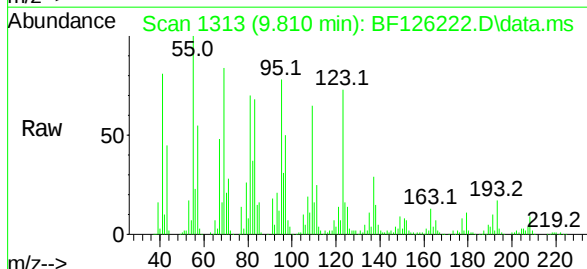
Tgt Ion:138 Resp: 24088

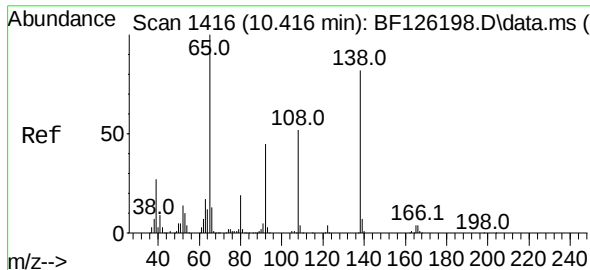
Ion Ratio Lower Upper

138 100

108 69.9 9.3 13.9#

92 29.5 76.5 114.7#

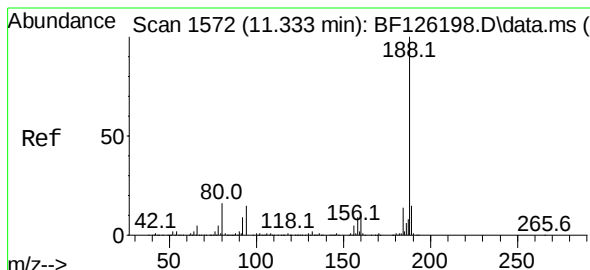
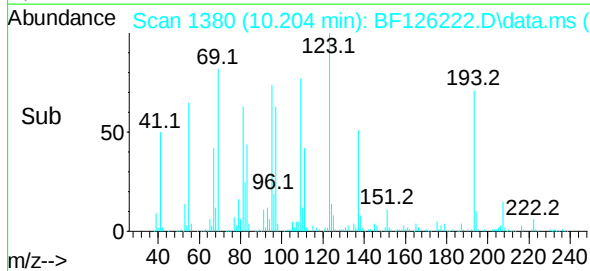
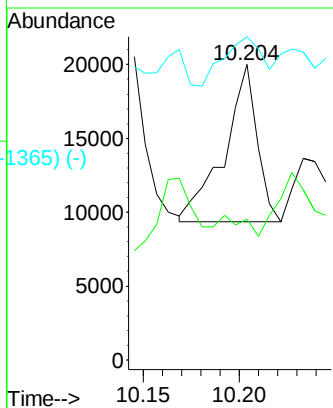
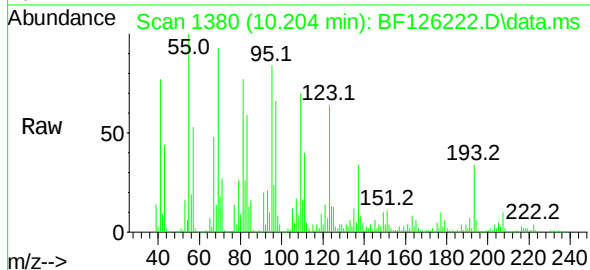




4-Nitroaniline
Concen: 3.052 ng
RT: 10.204 min Scan# 1380
Delta R.T. -0.212 min
Lab File: BF126222.D
Acq: 16 Dec 2021 20:50

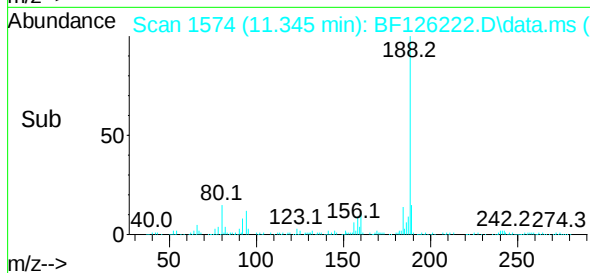
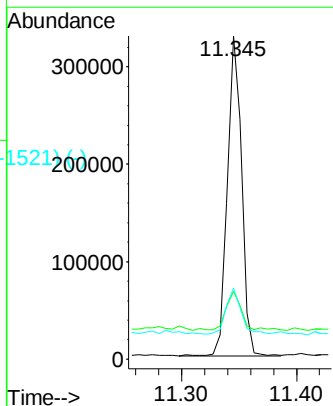
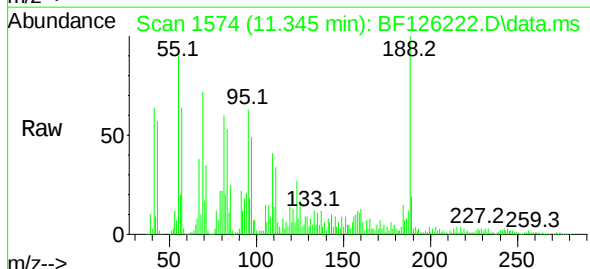
Instrument :
BNA_F
ClientSampleId :

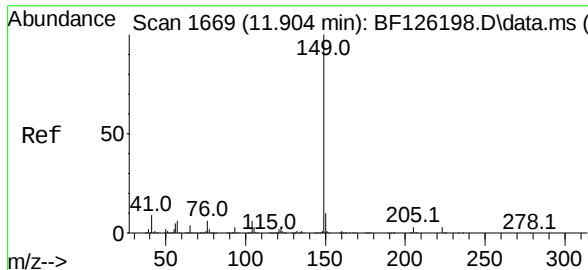
Tgt Ion:138 Resp: 12596
Ion Ratio Lower Upper
138 100
92 47.6 29.6 69.6
108 109.4 78.1 118.1



Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BF126222.D
Acq: 16 Dec 2021 20:50

Tgt Ion:188 Resp: 284013
Ion Ratio Lower Upper
188 100
94 20.9 6.7 10.1#
80 21.9 7.5 11.3#

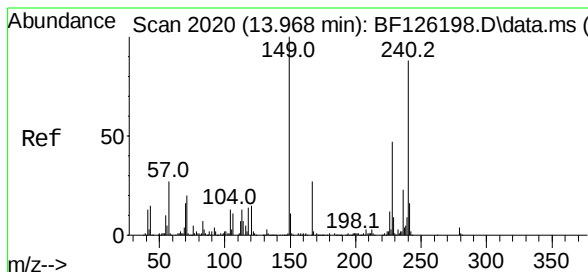
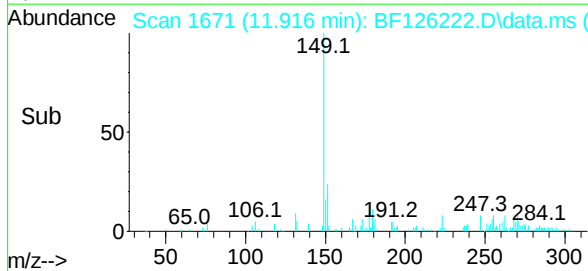
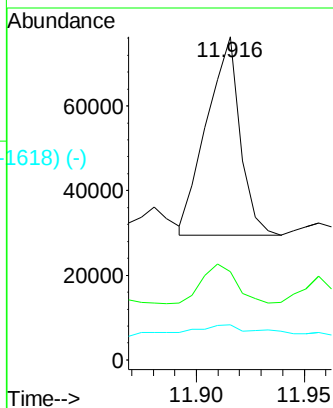
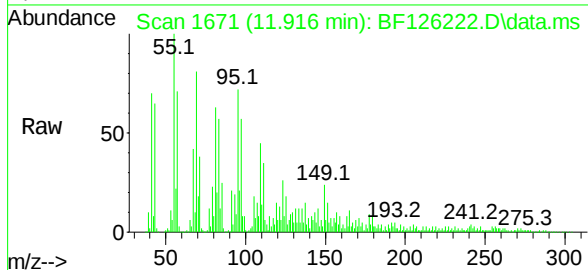




Di-n-butylphthalate
 Concen: 2.882 ng
 RT: 11.916 min Scan# 1669
 Delta R.T. 0.012 min
 Lab File: BF126222.D
 Acq: 16 Dec 2021 20:50

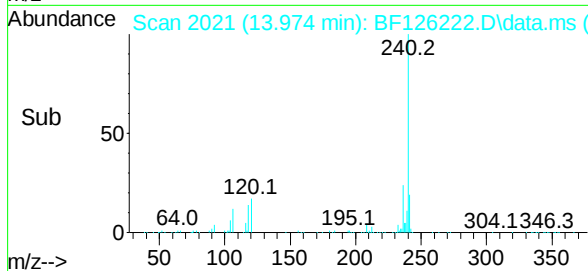
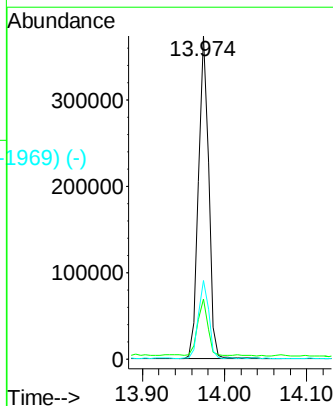
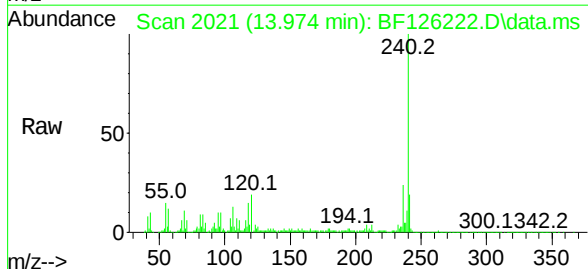
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:	149	Resp:	50628
Ion	Ratio	Lower	Upper
149	100		
150	27.3	7.4	11.2#
104	10.9	4.1	6.1#

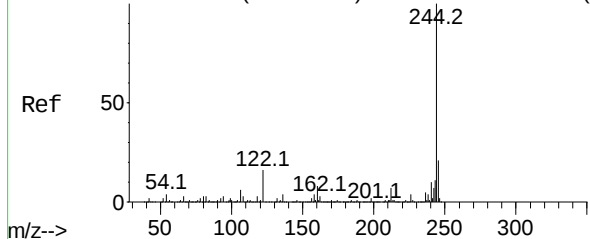


Chrysene-d12
 Concen: 20.000 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: BF126222.D
 Acq: 16 Dec 2021 20:50

Tgt Ion:	240	Resp:	316961
Ion	Ratio	Lower	Upper
240	100		
120	18.6	10.8	16.2#
236	24.3	21.6	32.4



Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1859) (-)



Terphenyl-d14

Concen: 41.969 ng

RT: 12.933 min Scan#

Delta R.T. 0.012 min

Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

Instrument :

BNA_F

ClientSampleId :

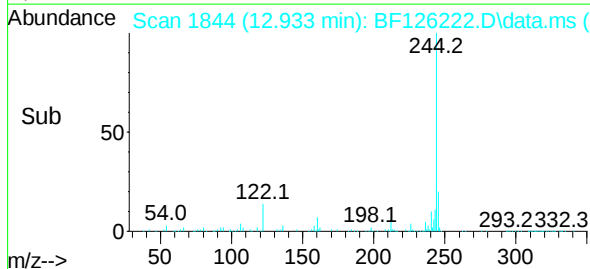
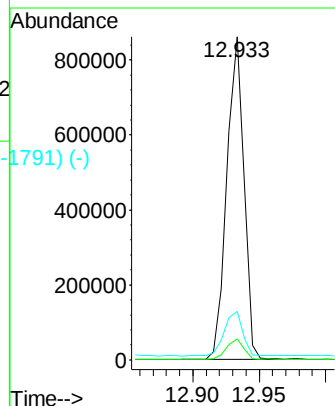
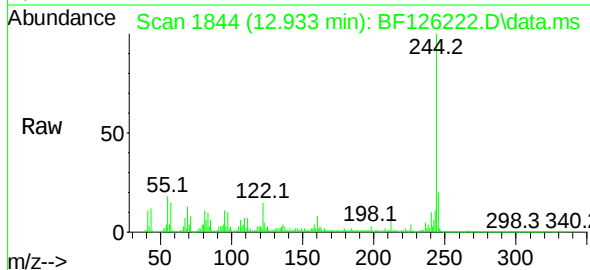
Tgt Ion:244 Resp: 765349

Ion Ratio Lower Upper

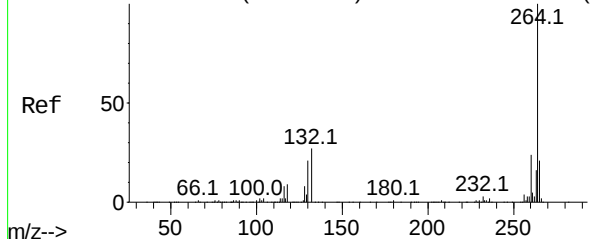
244 100

212 6.5 5.9 8.9

122 15.0 9.0 13.4#



Abundance Scan 2265 (15.409 min): BF126198.D\data.ms (-2286) (-)



Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2266

Delta R.T. 0.006 min

Lab File: BF126222.D

Acq: 16 Dec 2021 20:50

Tgt Ion:264 Resp: 284983

Ion Ratio Lower Upper

264 100

260 22.2 19.6 29.4

265 21.1 17.2 25.8

