

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126742.D
 Acq On : 31 Jan 2022 10:40
 Operator : CG/JU
 Sample : PB142358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142358BL

Quant Time: Feb 01 02:39:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

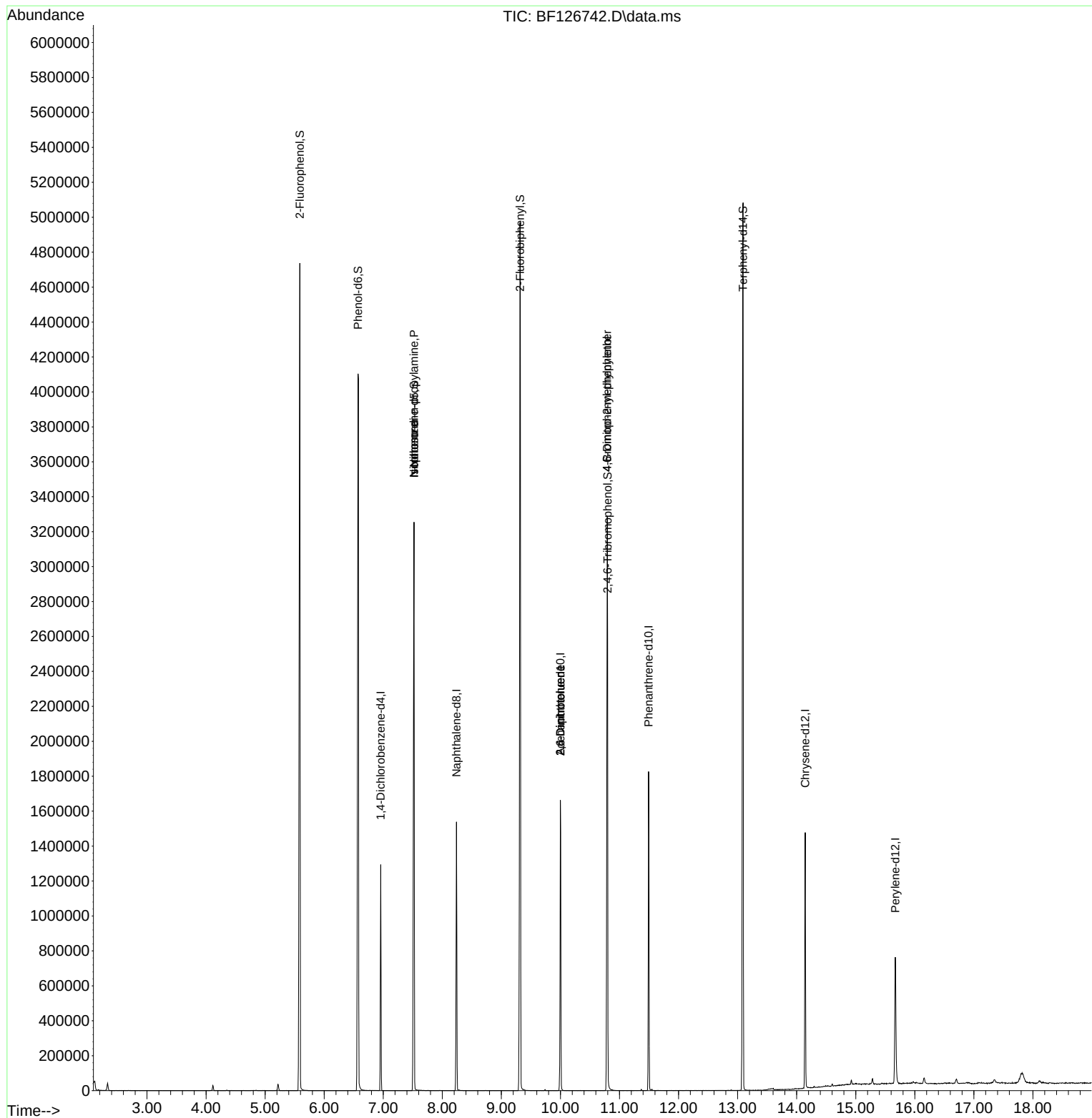
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	157269	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	636910	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	350607	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	599888	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	464885	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	336980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1393632	116.608	ng	0.02
7) Phenol-d6	6.575	99	1905064	114.728	ng	0.00
23) Nitrobenzene-d5	7.522	82	1354704	83.253	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	412921	125.847	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1695088	74.044	ng	0.00
79) Terphenyl-d14	13.092	244	2024216	73.032	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	3179	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	176791	14.588	ng	# 68
25) Isophorone	7.522	82	1346069	42.655	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	44728	10.409	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	44728	8.590	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	857	7.625	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	26495	3.832	ng	# 1

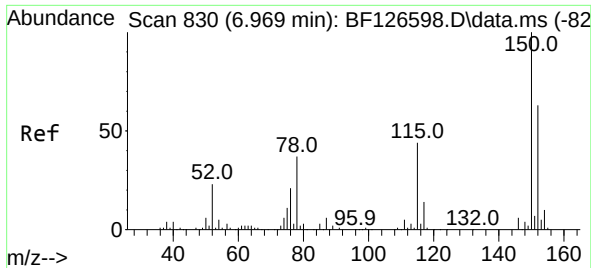
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
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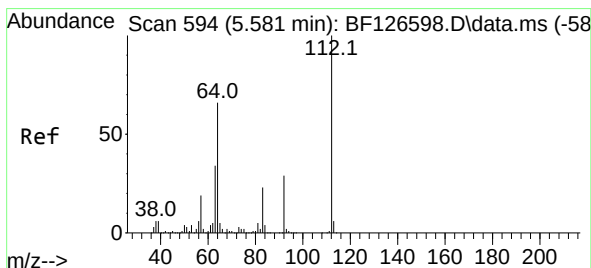
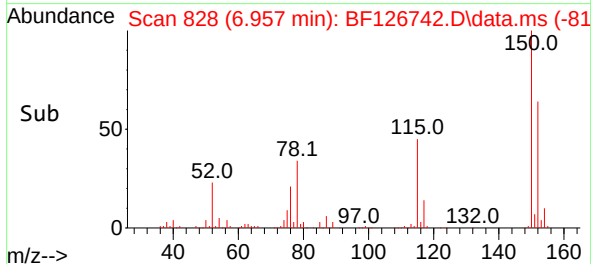
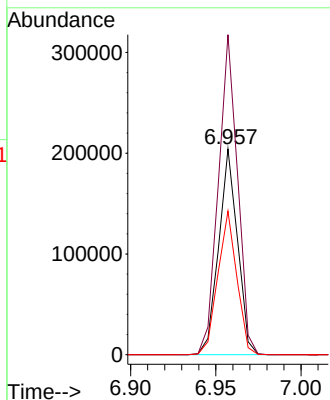
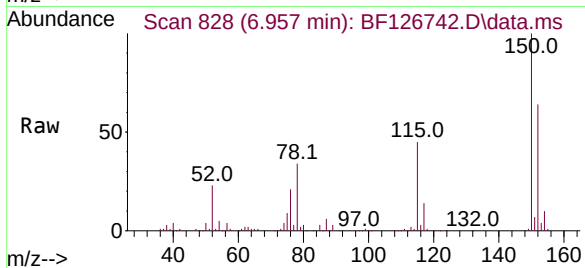




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

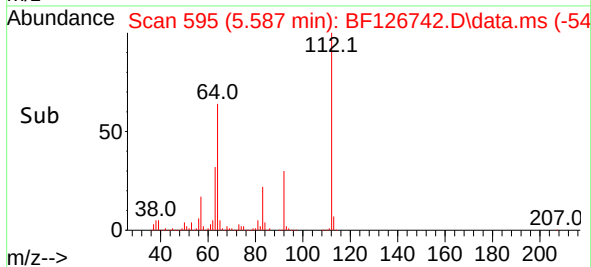
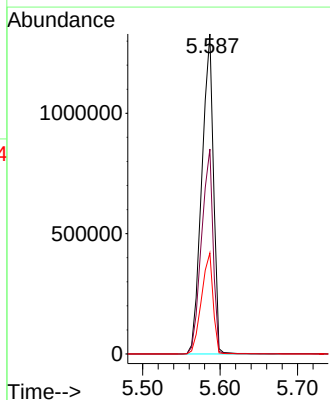
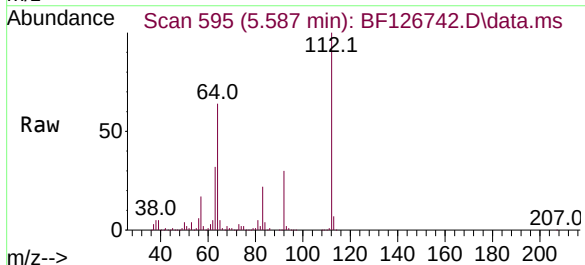
Instrument :
BNA_F
ClientSampleId :
PB142358BL

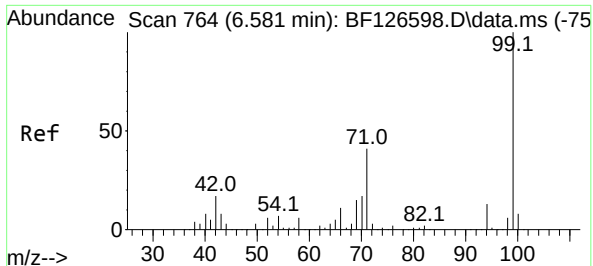
Tgt Ion:152 Resp: 157269
Ion Ratio Lower Upper
152 100
150 155.5 128.1 192.1
115 69.7 56.7 85.1



#5
2-Fluorophenol
Concen: 116.608 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

Tgt Ion:112 Resp: 1393632
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 31.5 23.9 35.9





#7

Phenol-d6

Concen: 114.728 ng

RT: 6.575 min Scan# 7

Delta R.T. 0.000 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

Instrument :

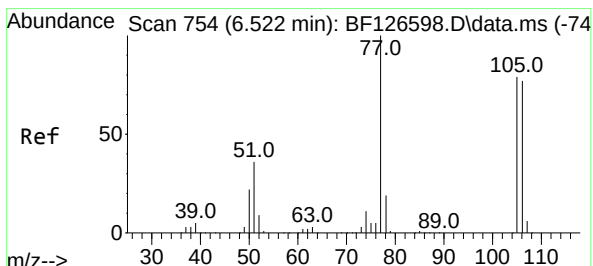
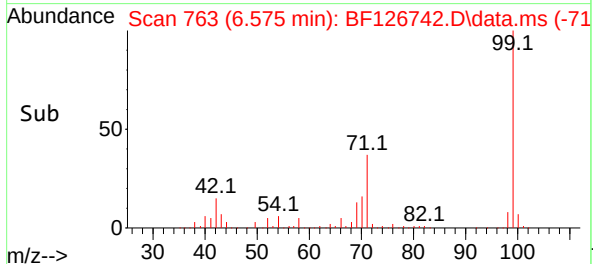
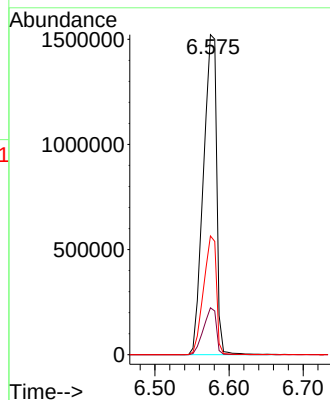
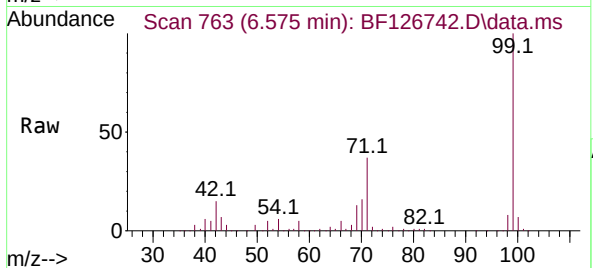
BNA_F

ClientSampleId :

PB142358BL

Tgt Ion: 99 Resp: 1905064

Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.2	21.4
71	37.1	24.3	36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.581 min Scan# 764

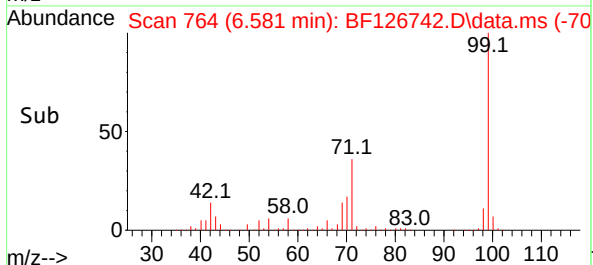
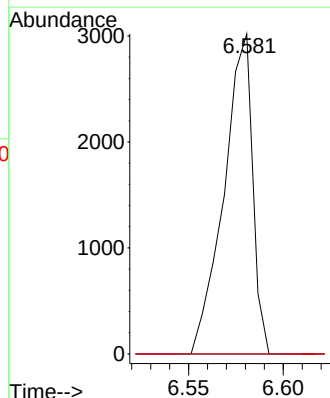
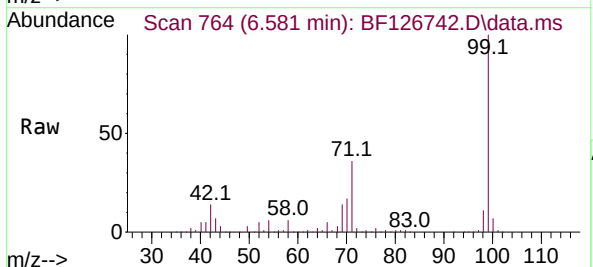
Delta R.T. 0.071 min

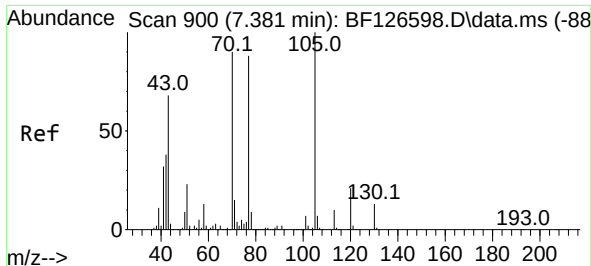
Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

Tgt Ion: 77 Resp: 3179

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9#
106	0.0	72.4	112.4#

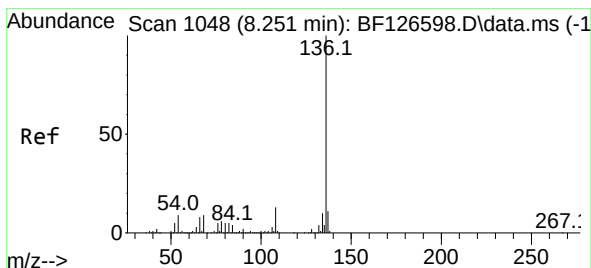
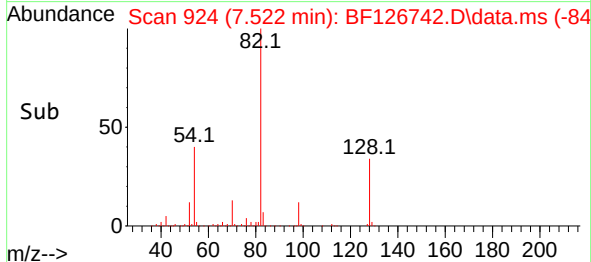
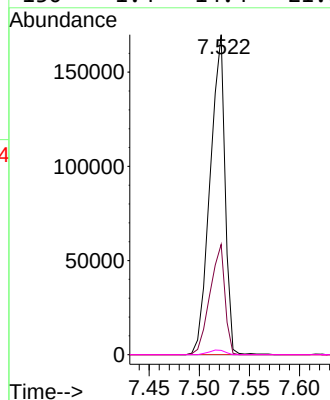
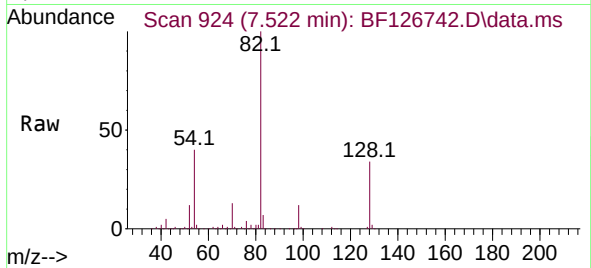




#19
n-Nitroso-di-n-propylamine
Concen: 14.588 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

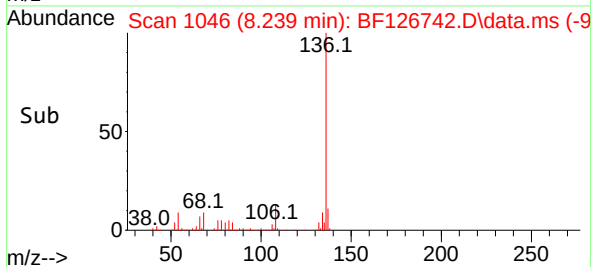
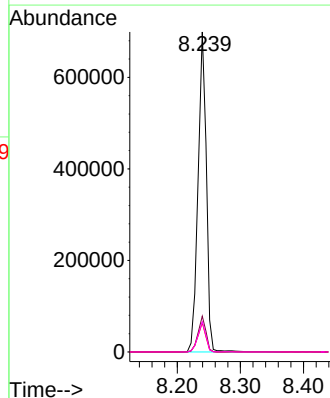
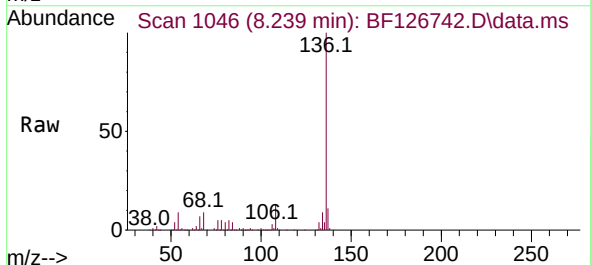
Instrument :
BNA_F
ClientSampleId :
PB142358BL

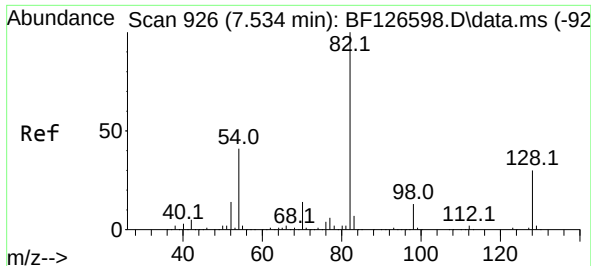
Tgt Ion: 70 Resp: 176791
Ion Ratio Lower Upper
70 100
42 34.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

Tgt Ion: 136 Resp: 636910
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 7.8 11.6
68 9.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 83.253 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB142358BL

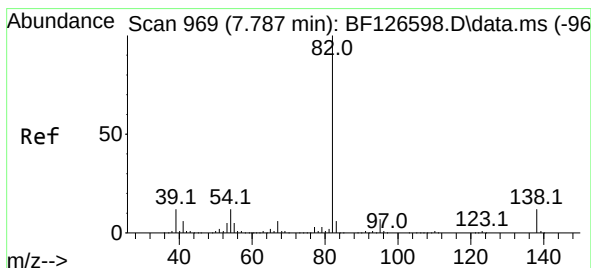
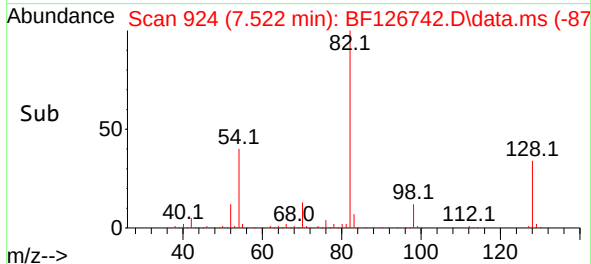
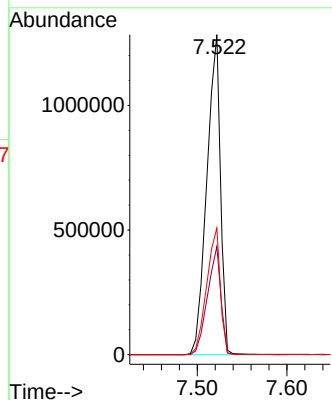
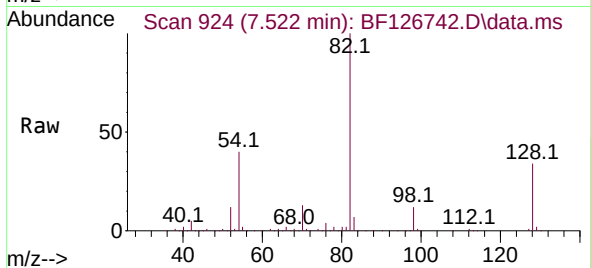
Tgt Ion: 82 Resp: 1354704

Ion Ratio Lower Upper

82 100

128 33.8 32.7 49.1

54 39.6 41.7 62.5#



#25

Isophorone

Concen: 42.655 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

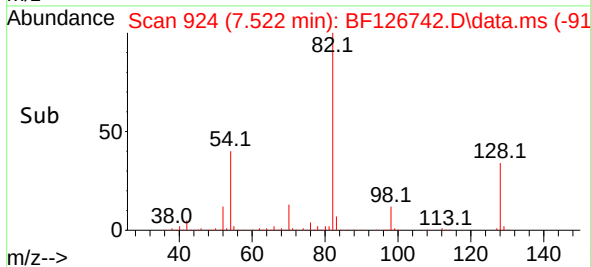
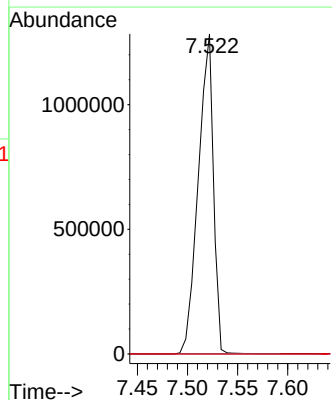
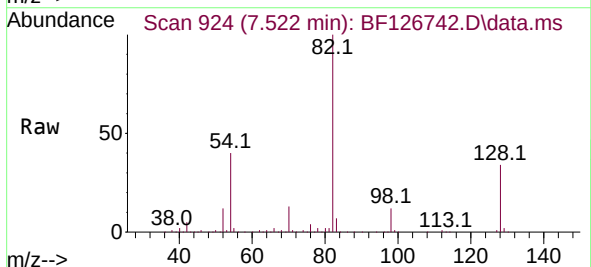
Tgt Ion: 82 Resp: 1346069

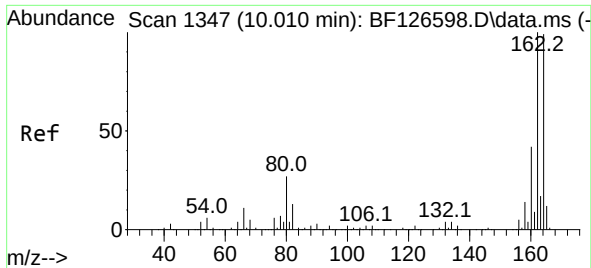
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

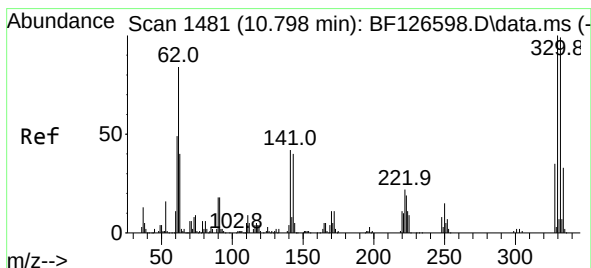
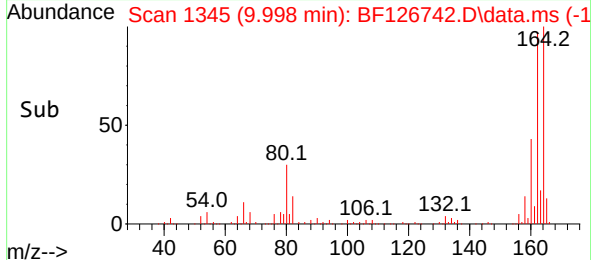
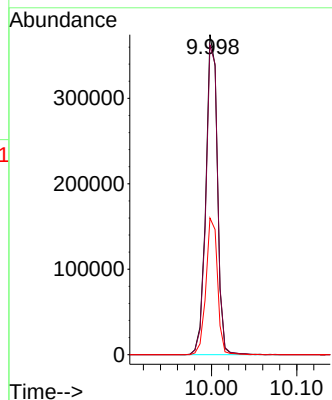
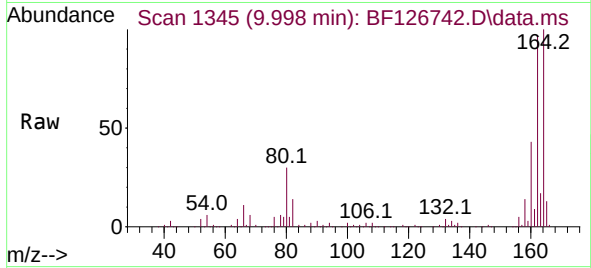




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

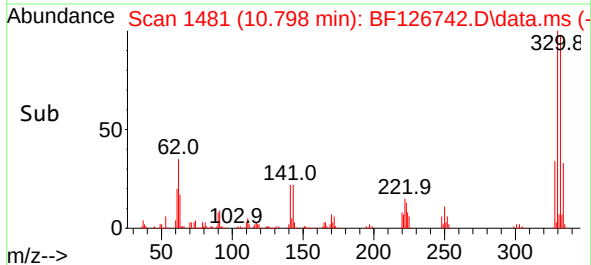
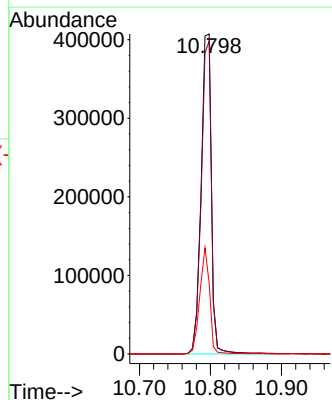
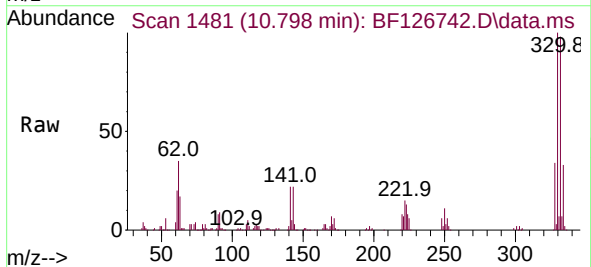
Instrument :
BNA_F
ClientSampleId :
PB142358BL

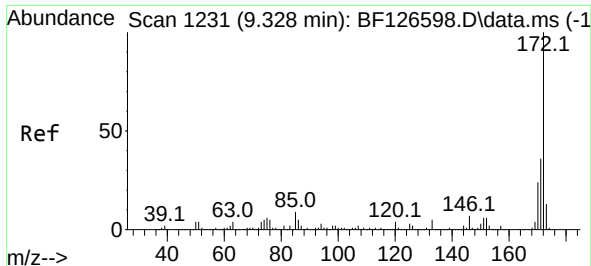
Tgt Ion:164 Resp: 350607
Ion Ratio Lower Upper
164 100
162 96.7 81.4 122.0
160 42.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 125.847 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

Tgt Ion:330 Resp: 412921
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 31.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 74.044 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB142358BL

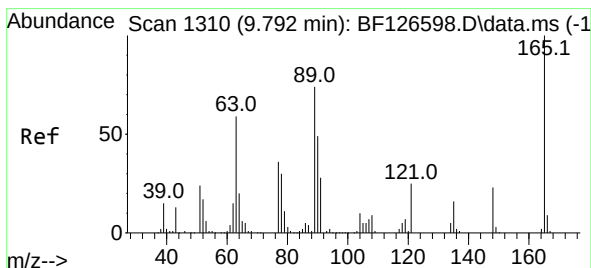
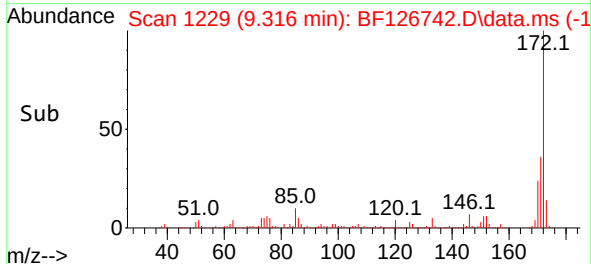
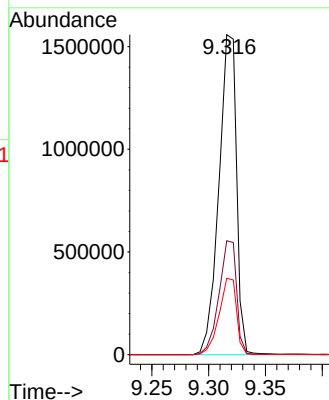
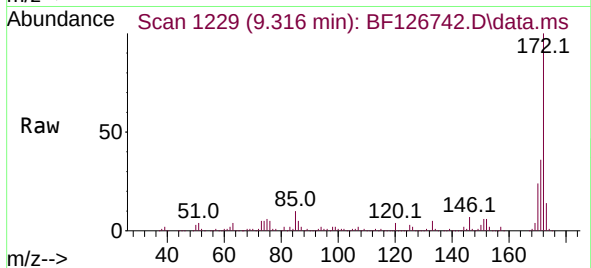
Tgt Ion:172 Resp: 1695088

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.409 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

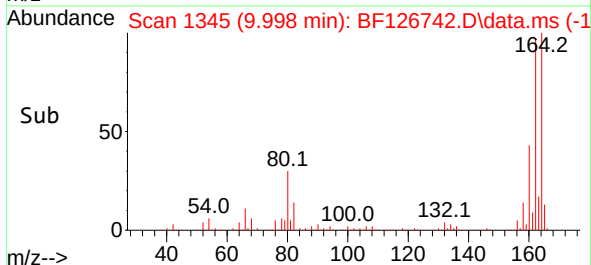
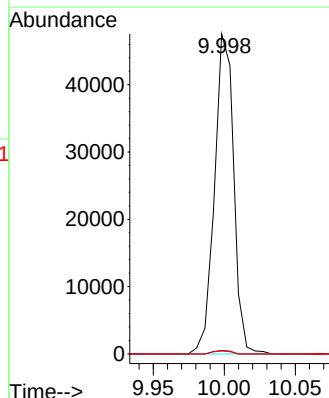
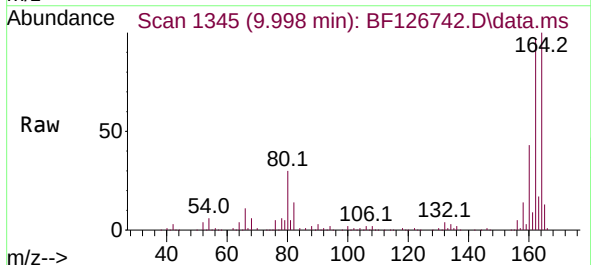
Tgt Ion:165 Resp: 44728

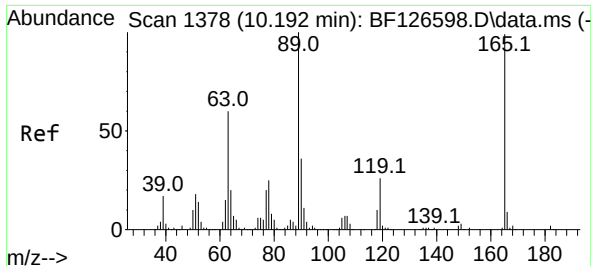
Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 0.9 50.5 75.7#

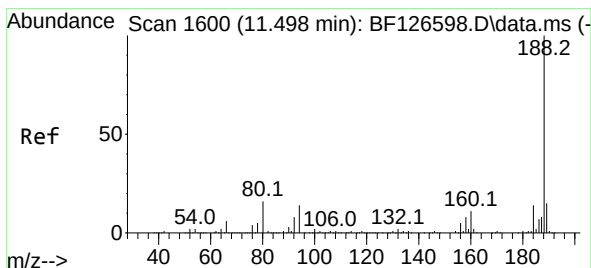
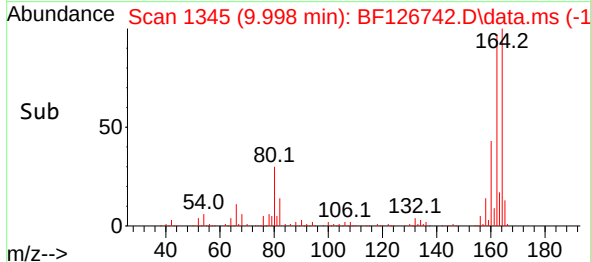
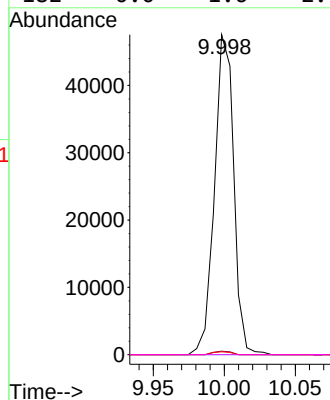
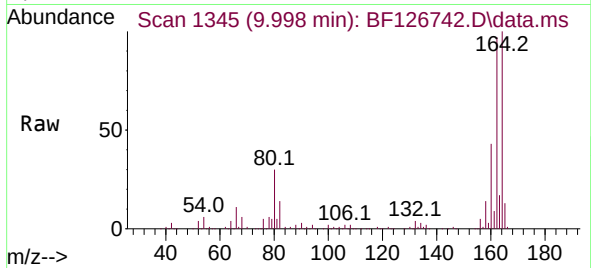




#57
2,4-Dinitrotoluene
Concen: 8.590 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

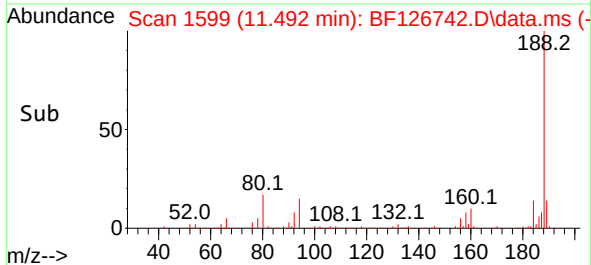
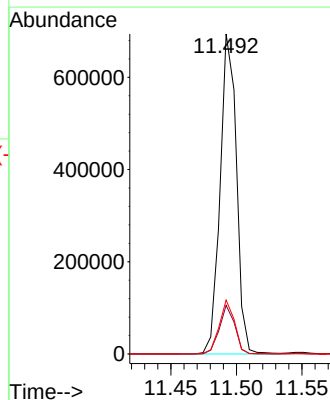
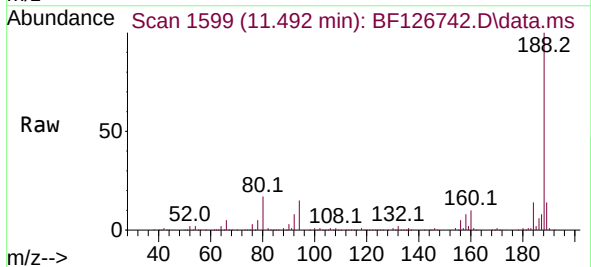
Instrument :
BNA_F
ClientSampleId :
PB142358BL

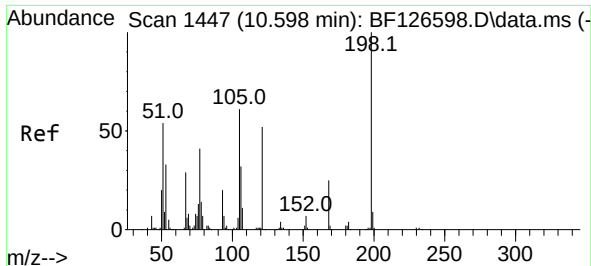
Tgt Ion:165 Resp: 44728
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

Tgt Ion:188 Resp: 599888
Ion Ratio Lower Upper
188 100
94 15.2 10.1 15.1#
80 16.9 11.8 17.6





#65

4,6-Dinitro-2-methylphenol

Concen: 7.625 ng

RT: 10.792 min Scan# 1447

Delta R.T. 0.200 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB142358BL

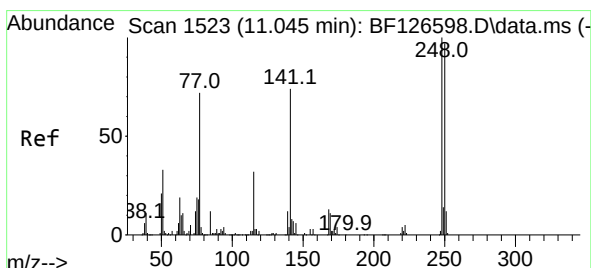
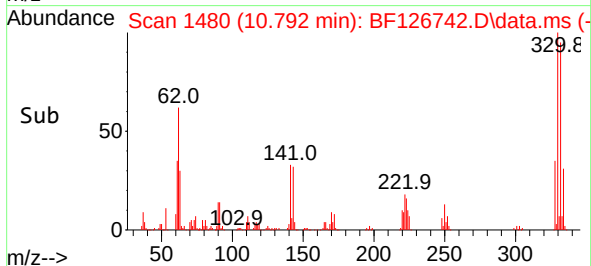
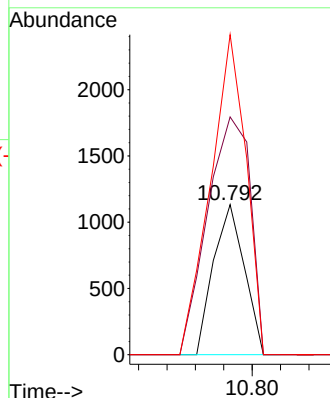
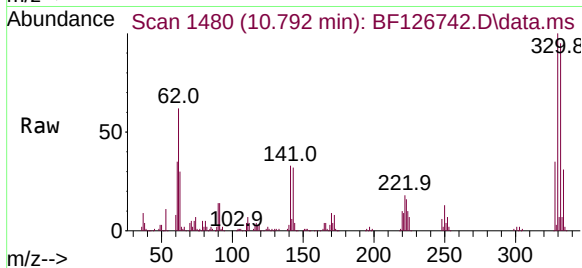
Tgt Ion:198 Resp: 857

Ion Ratio Lower Upper

198 100

51 158.4 32.0 72.0#

105 213.2 32.7 72.7#



#67

4-Bromophenyl-phenylether

Concen: 3.832 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.241 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

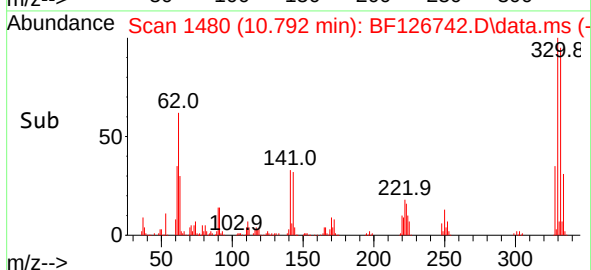
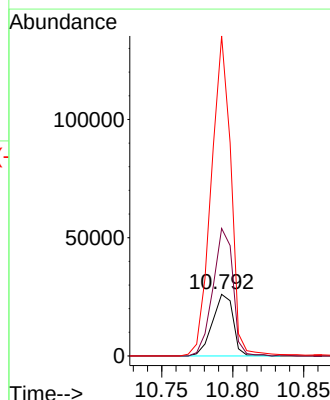
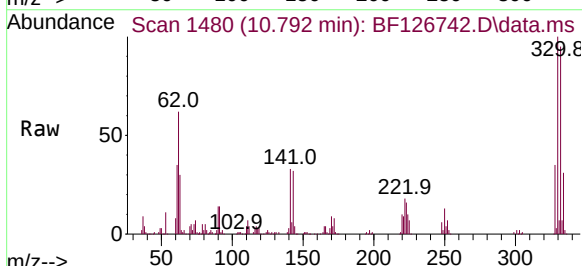
Tgt Ion:248 Resp: 26495

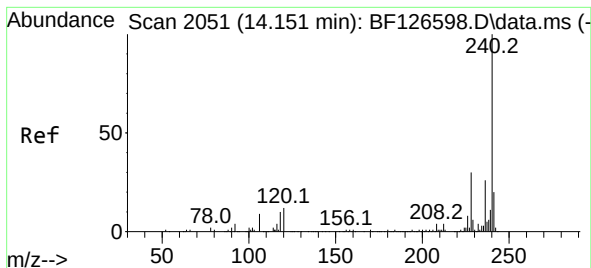
Ion Ratio Lower Upper

248 100

250 206.9 76.2 114.4#

141 519.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2050

Delta R.T. 0.000 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

Instrument :

BNA_F

ClientSampleId :

PB142358BL

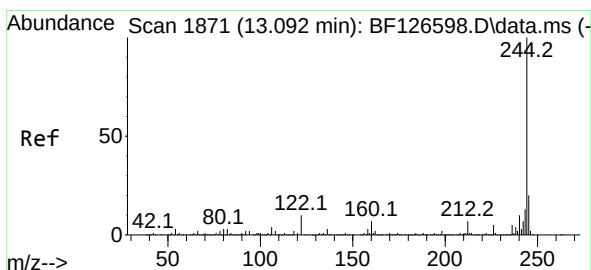
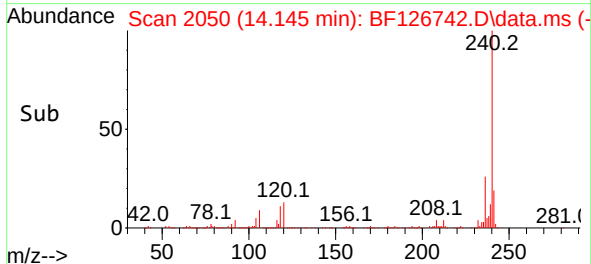
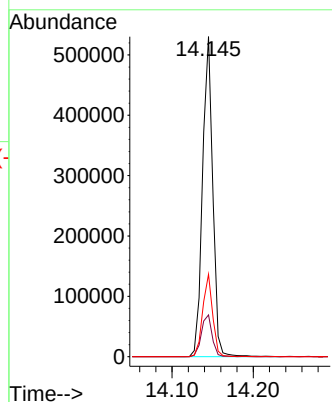
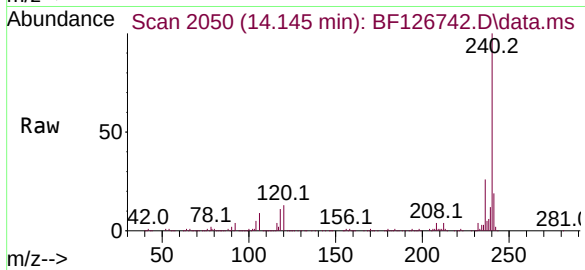
Tgt Ion:240 Resp: 464885

Ion Ratio Lower Upper

240 100

120 13.0 14.4 21.6#

236 25.8 20.5 30.7



#79

Terphenyl-d14

Concen: 73.032 ng

RT: 13.092 min Scan# 1871

Delta R.T. 0.012 min

Lab File: BF126742.D

Acq: 31 Jan 2022 10:40

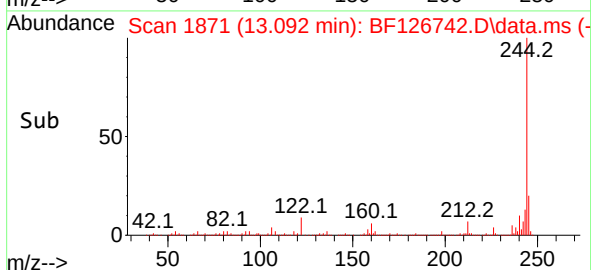
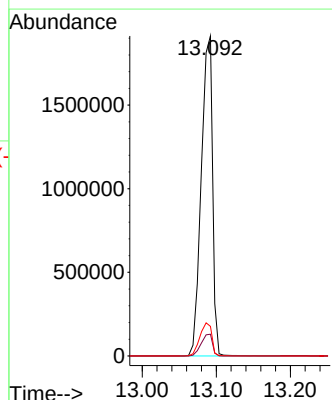
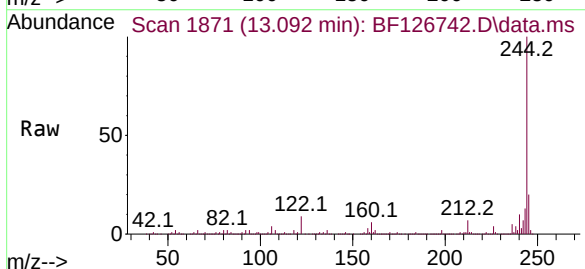
Tgt Ion:244 Resp: 2024216

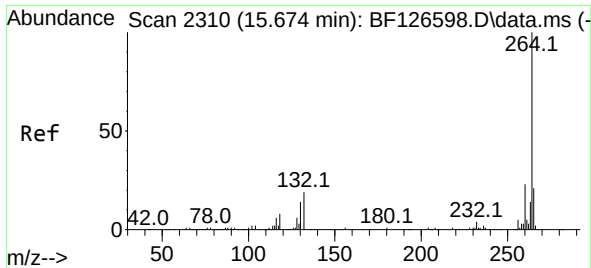
Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 9.3 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.668 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126742.D
Acq: 31 Jan 2022 10:40

Instrument :
BNA_F
ClientSampleId :
PB142358BL

Tgt Ion:264 Resp: 336980

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	20.9	17.4	26.2

