

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126053.D
 Acq On : 4 Nov 2021 19:07
 Operator : JU/CG
 Sample : M4475-01 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01A

Quant Time: Nov 08 09:50:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

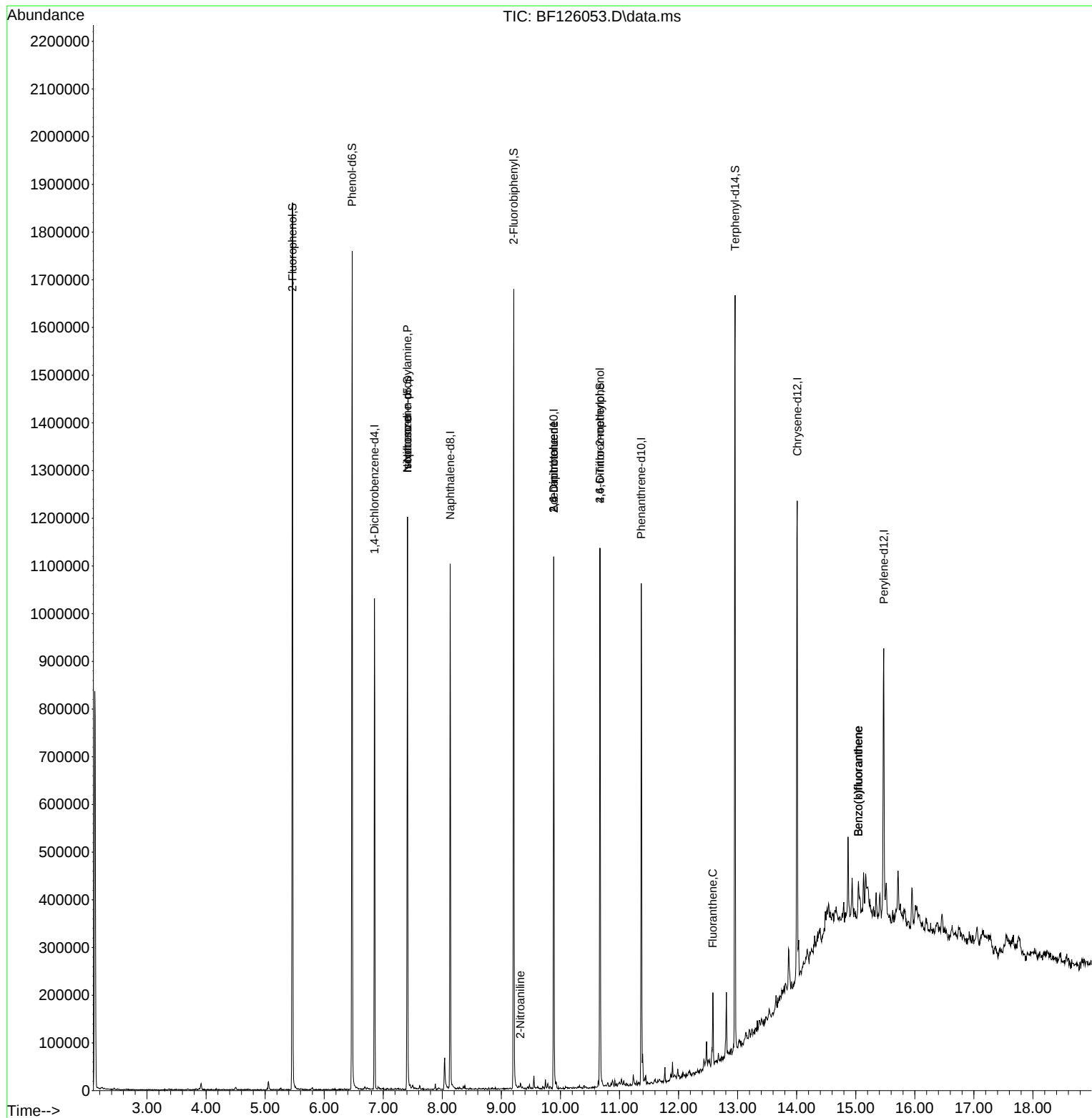
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	130620	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	401530	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	193697	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	356204	20.000	ng	0.00
76) Chrysene-d12	14.010	240	336505	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	248664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	368446	48.440	ng	0.00
7) Phenol-d6	6.475	99	433343	40.415	ng	-0.01
23) Nitrobenzene-d5	7.410	82	309310	36.329	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	103077	46.436	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	471527	32.897	ng	0.00
79) Terphenyl-d14	12.957	244	506853	24.289	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	118	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	44739	6.329 ng	#	58
25) Isophorone	7.410	82	309305	20.177 ng	#	59
48) 2-Nitroaniline	9.322	65	213	2.901 ng	#	1
51) 2,6-Dinitrotoluene	9.886	165	23598	9.763 ng	#	29
57) 2,4-Dinitrotoluene	9.886	165	23598	9.495 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.669	198	168	8.398 ng	#	1
75) Fluoranthene	12.580	202	54629	2.540 ng		94
88) Benzo(b)fluoranthene	15.045	252	47728	2.951 ng	#	90
89) Benzo(k)fluoranthene	15.045	252	47728	3.042 ng	#	88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
Data File : BF126053.D
Acq On : 4 Nov 2021 19:07
Operator : JU/CG
Sample : M4475-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB01A

Quant Time: Nov 08 09:50:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

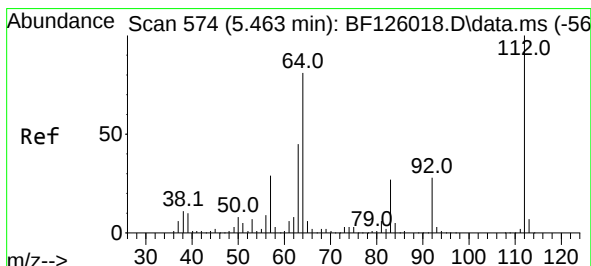
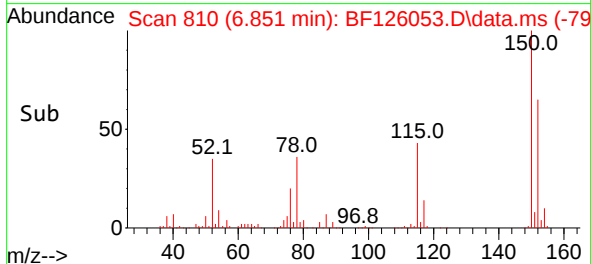
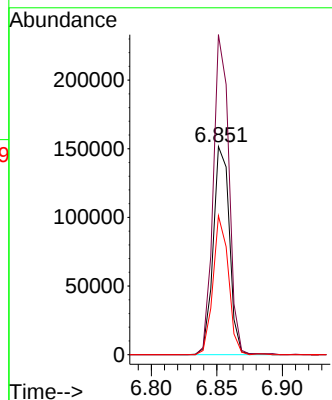
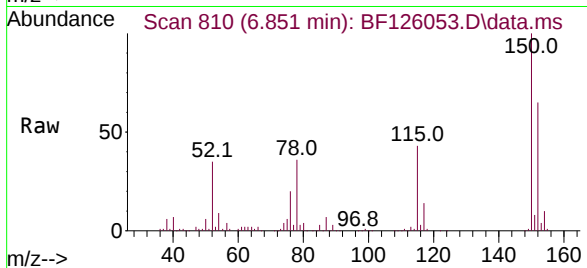




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

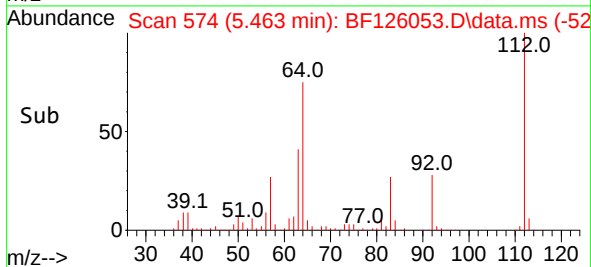
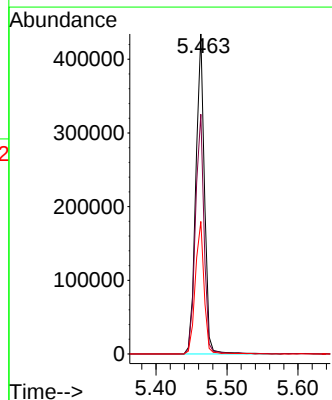
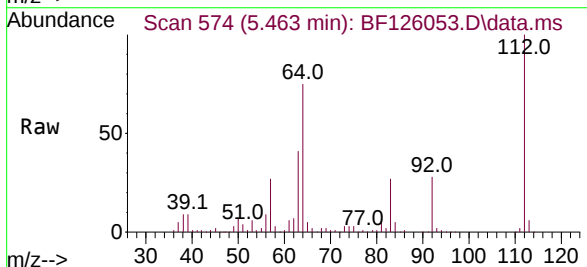
Instrument :
BNA_F
ClientSampleId :
SB01A

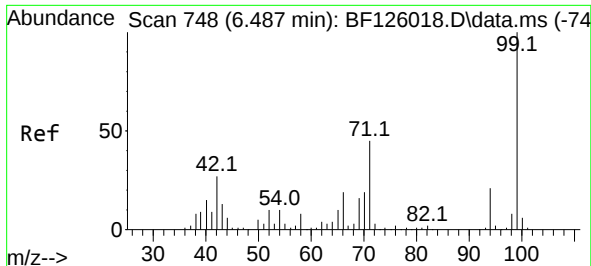
Tgt Ion:152 Resp: 130620
Ion Ratio Lower Upper
152 100
150 153.7 117.6 176.4
115 66.8 47.1 70.7



#5
2-Fluorophenol
Concen: 48.440 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion:112 Resp: 368446
Ion Ratio Lower Upper
112 100
64 74.9 44.2 66.2#
63 41.4 26.2 39.2#

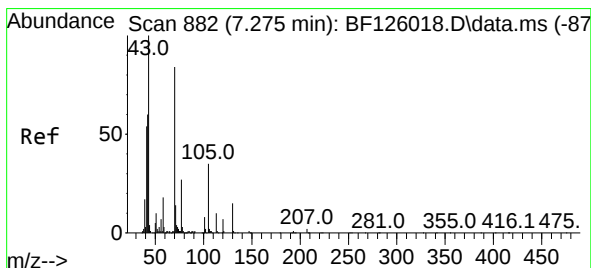
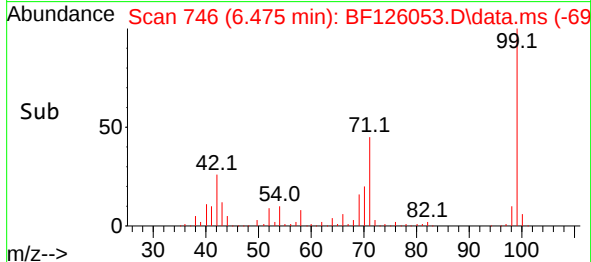
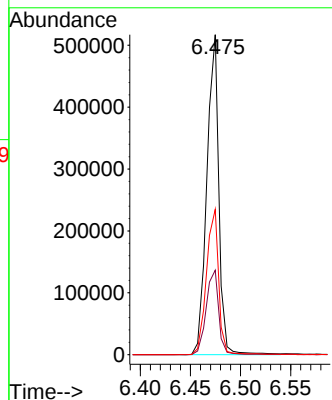
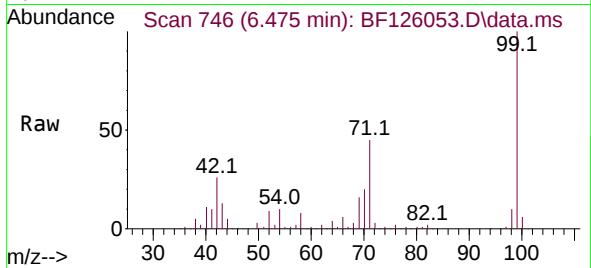




#7
Phenol-d6
Concen: 40.415 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

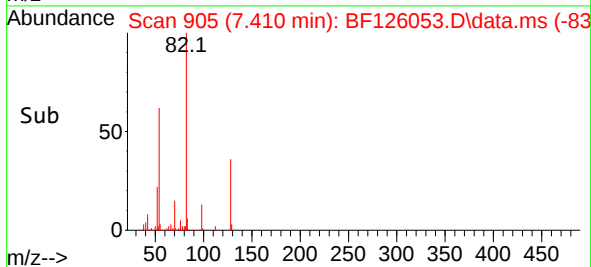
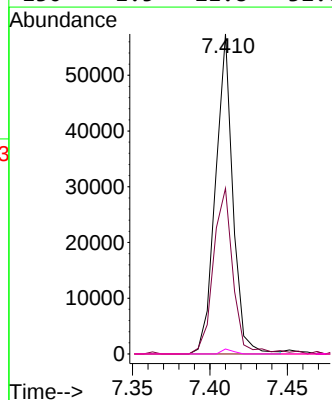
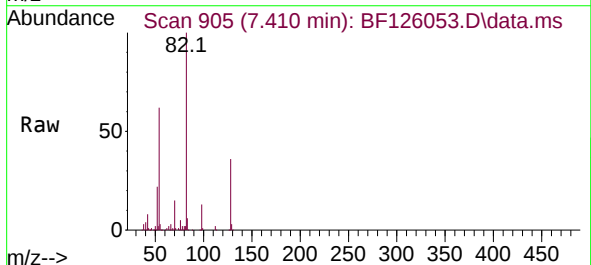
Instrument :
BNA_F
ClientSampleId :
SB01A

Tgt Ion: 99 Resp: 433343
Ion Ratio Lower Upper
99 100
42 26.4 23.5 35.3
71 45.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 6.329 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion: 70 Resp: 44739
Ion Ratio Lower Upper
70 100
42 51.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

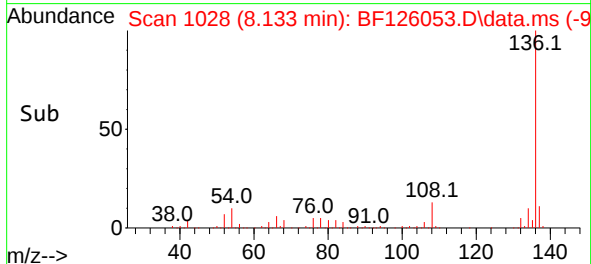
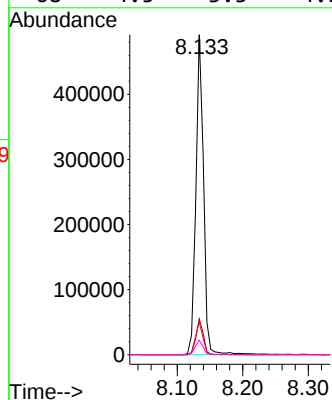
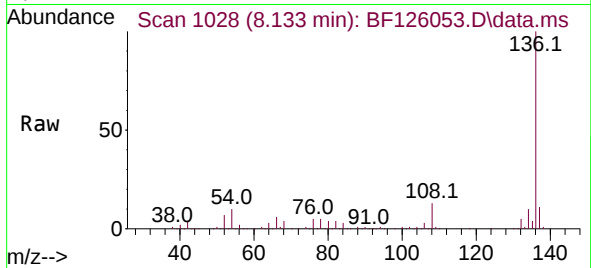




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

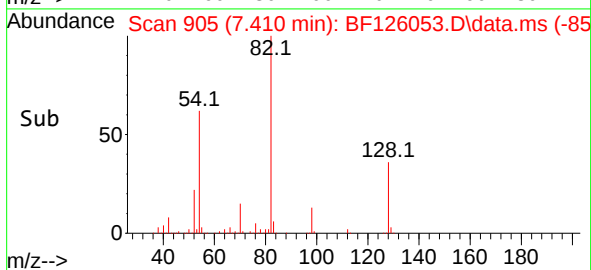
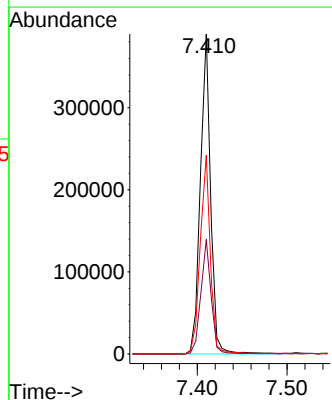
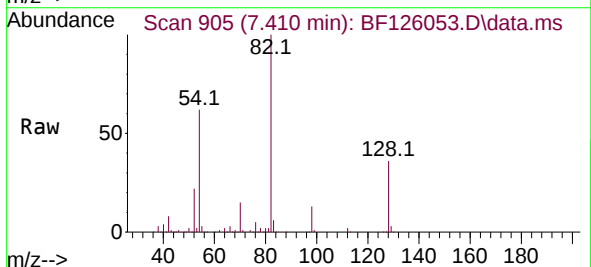
Instrument :
BNA_F
ClientSampleId :
SB01A

Tgt Ion:136 Resp: 401530
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 10.2 6.4 9.6#
68 4.5 3.3 4.9



#23
Nitrobenzene-d5
Concen: 36.329 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion: 82 Resp: 309310
Ion Ratio Lower Upper
82 100
128 35.8 40.6 60.8#
54 62.1 49.6 74.4

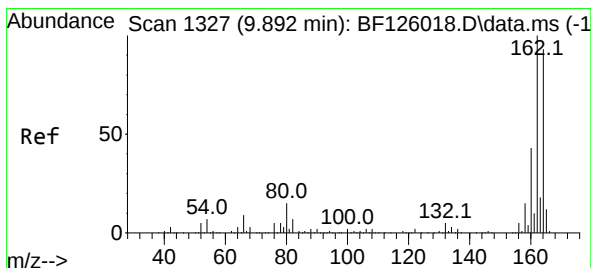
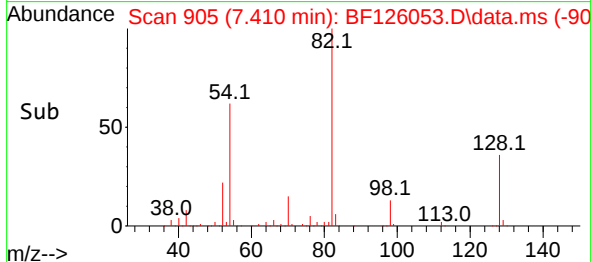
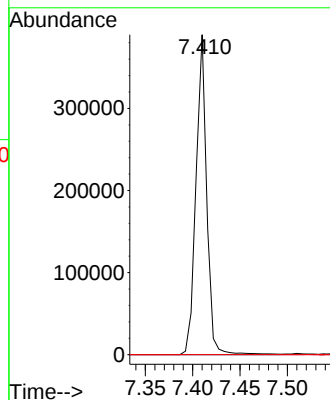
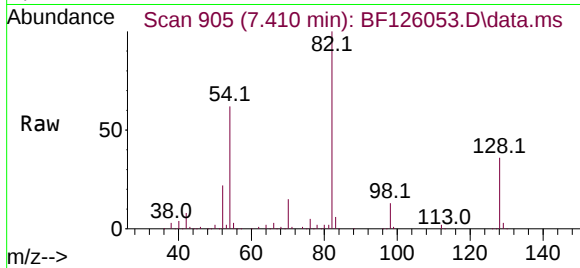




#25
Isophorone
Concen: 20.177 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

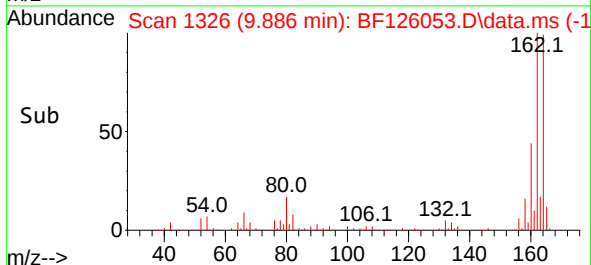
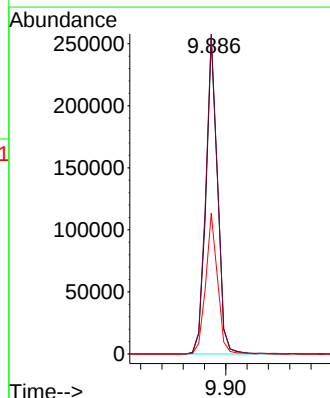
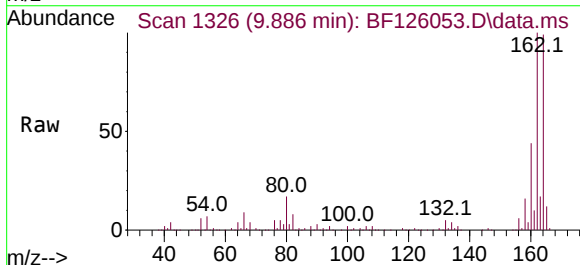
Instrument :
BNA_F
ClientSampleId :
SB01A

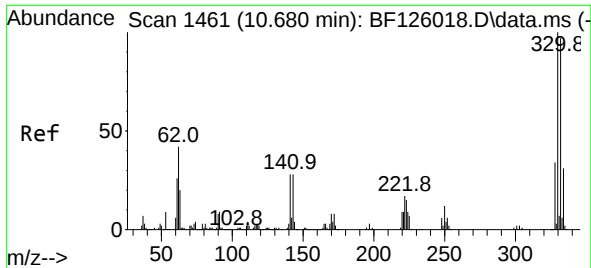
Tgt Ion: 82 Resp: 309305
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion:164 Resp: 193697
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 44.6 38.0 57.0

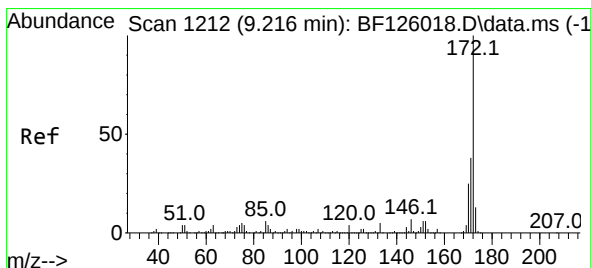
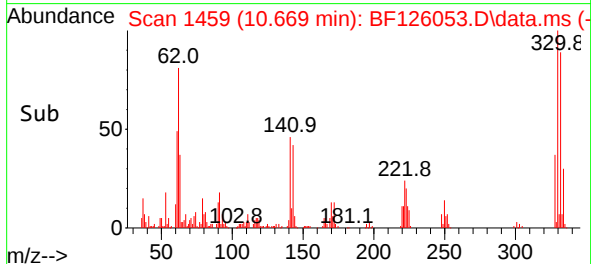
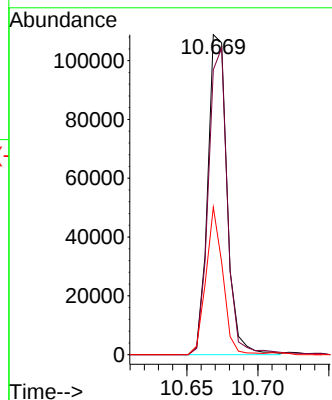
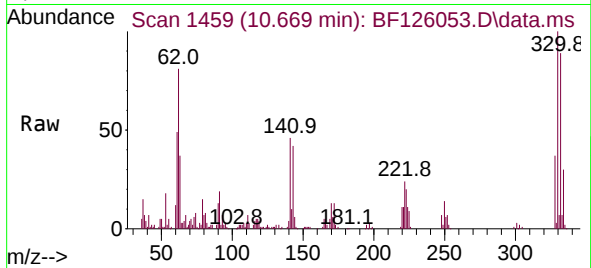




#42
2,4,6-Tribromophenol
Concen: 46.436 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

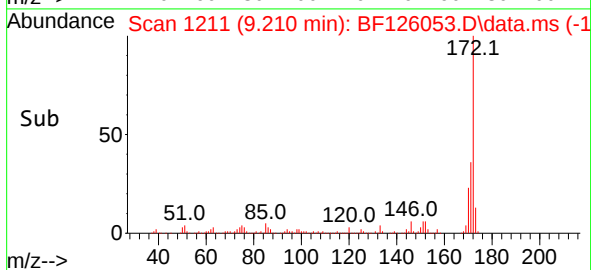
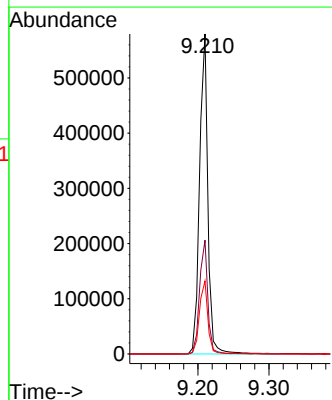
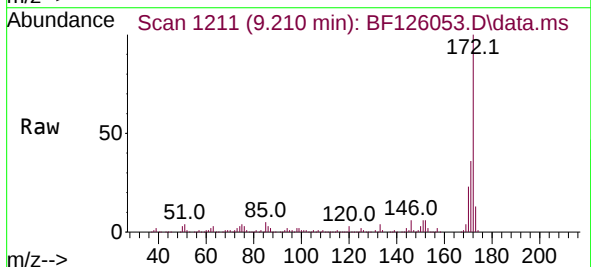
Instrument :
BNA_F
ClientSampleId :
SB01A

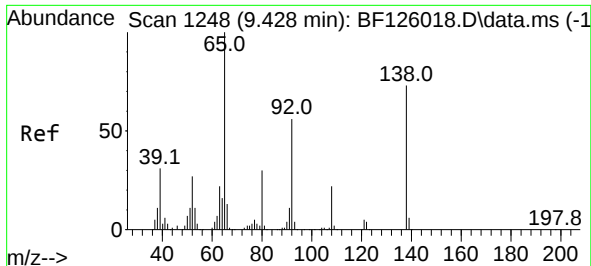
Tgt Ion:330 Resp: 103077
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 40.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 32.897 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion:172 Resp: 471527
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 22.8 18.8 28.2





#48

2-Nitroaniline

Concen: 2.901 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.106 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

Instrument :

BNA_F

ClientSampleId :

SB01A

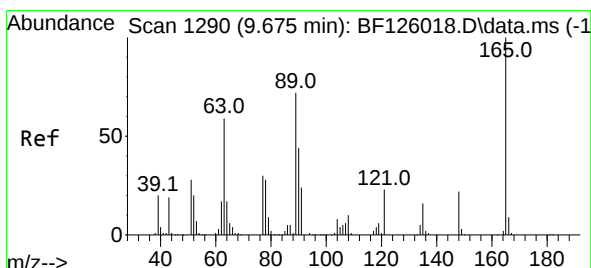
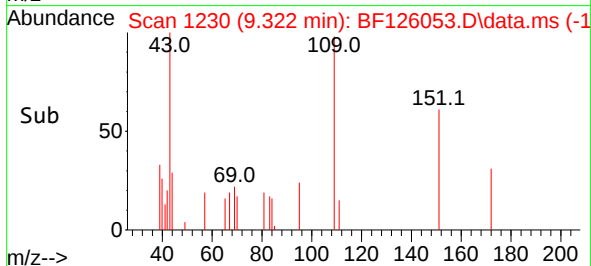
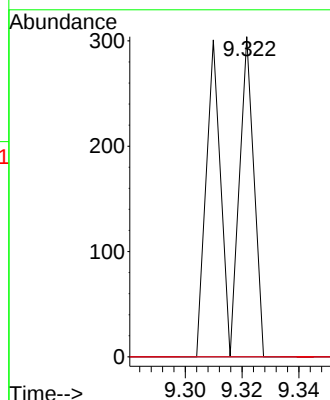
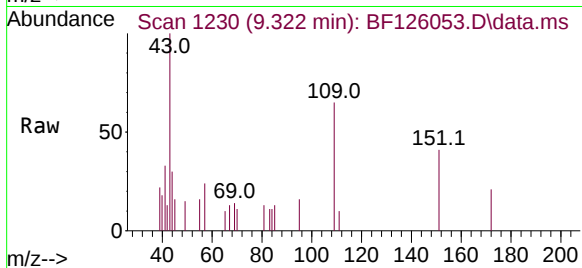
Tgt Ion: 65 Resp: 213

Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#



#51

2,6-Dinitrotoluene

Concen: 9.763 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

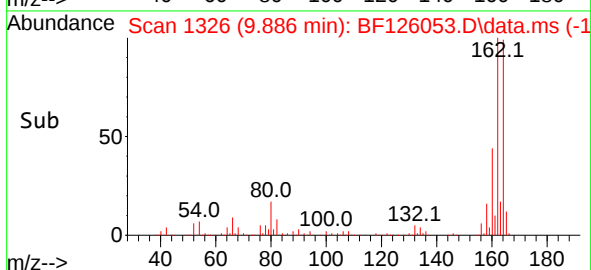
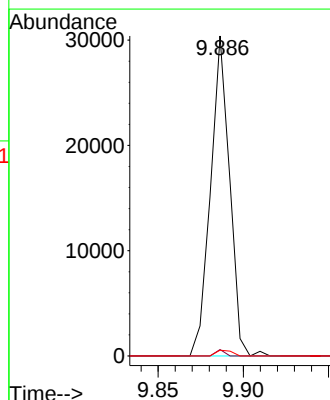
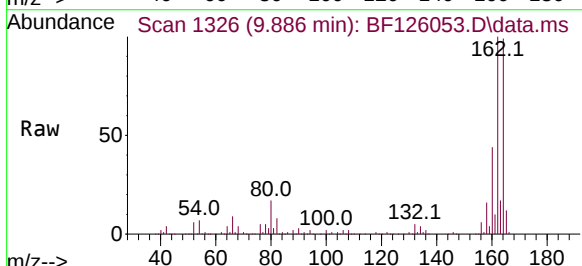
Tgt Ion:165 Resp: 23598

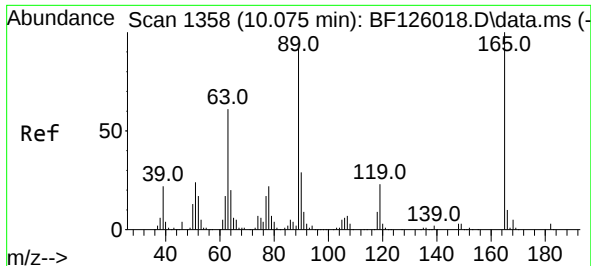
Ion Ratio Lower Upper

165 100

63 2.0 42.6 63.8#

89 1.8 40.6 60.8#

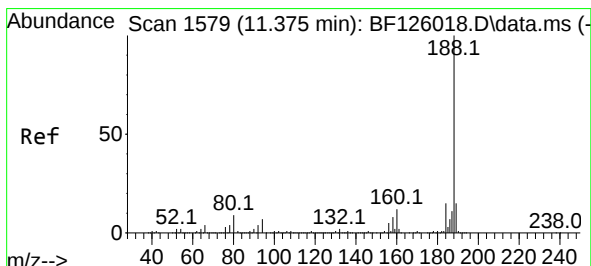
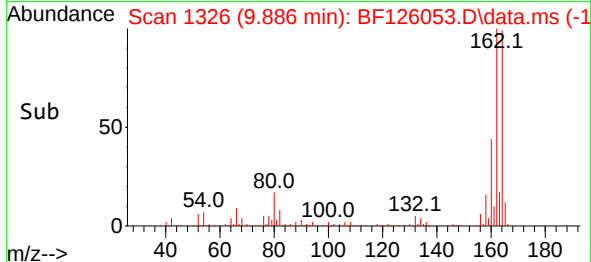
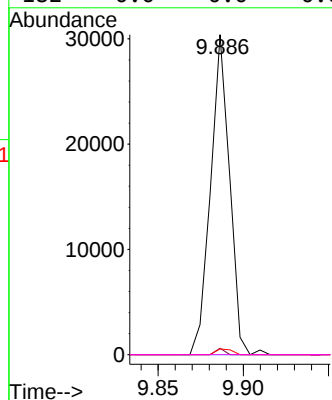
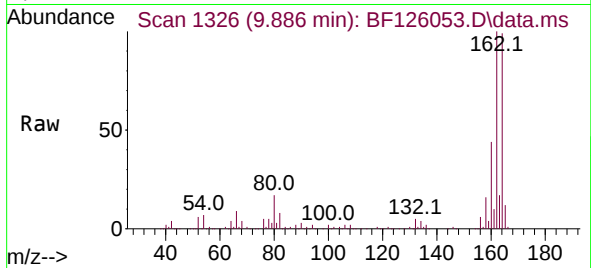




#57
2,4-Dinitrotoluene
Concen: 9.495 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

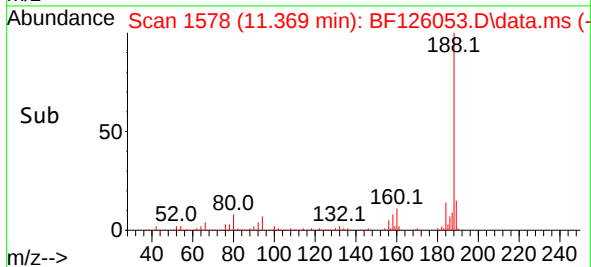
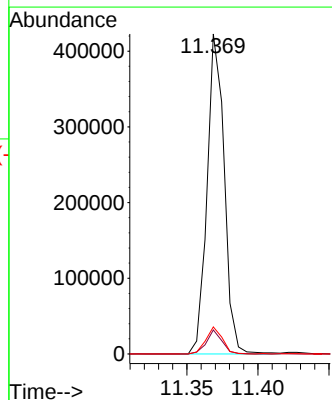
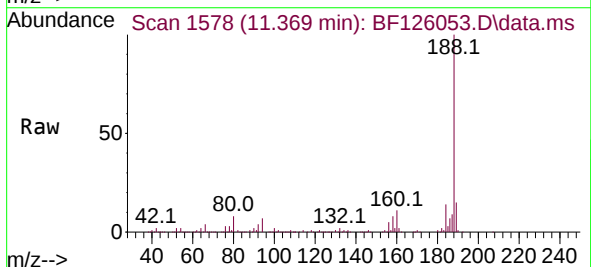
Instrument :
BNA_F
ClientSampleId :
SB01A

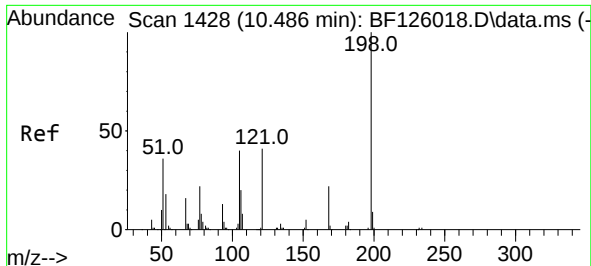
Tgt Ion:165 Resp: 23598
Ion Ratio Lower Upper
165 100
63 2.0 40.9 61.3#
89 1.8 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion:188 Resp: 356204
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.4 7.5 11.3

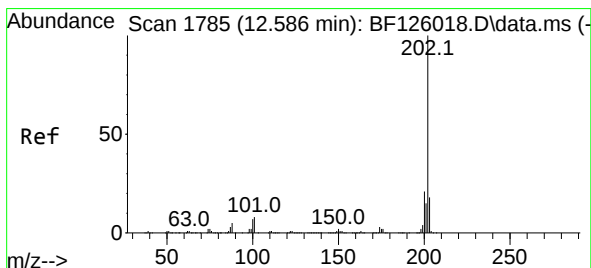
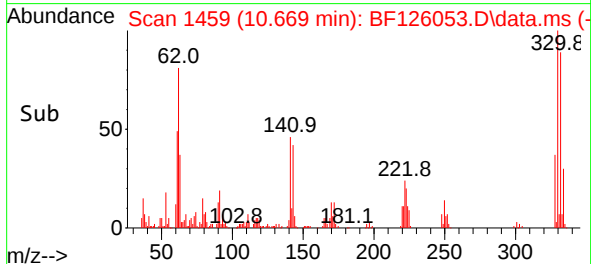
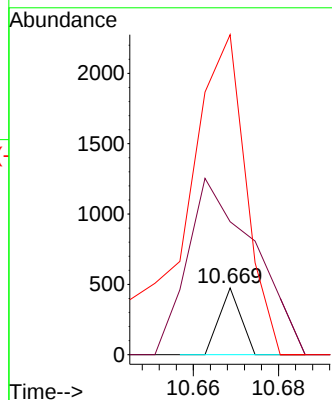
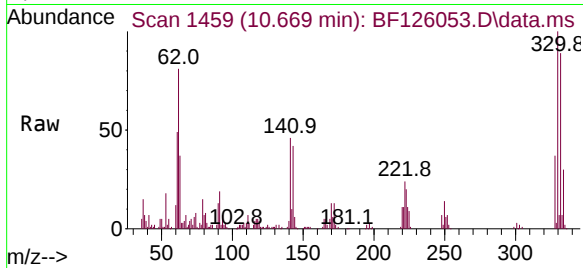




#65
4,6-Dinitro-2-methylphenol
Concen: 8.398 ng
RT: 10.669 min Scan# 1428
Delta R.T. 0.183 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

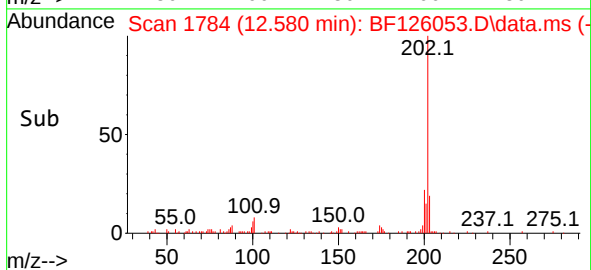
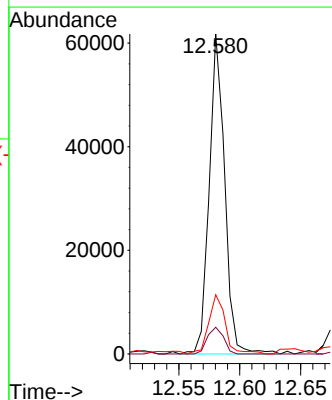
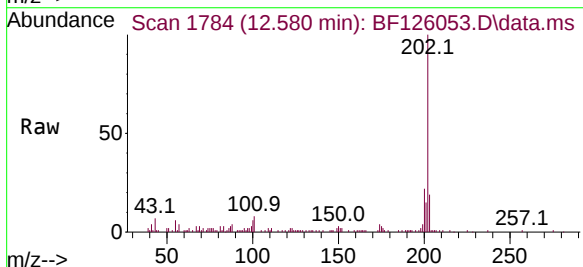
Instrument :
BNA_F
ClientSampleId :
SB01A

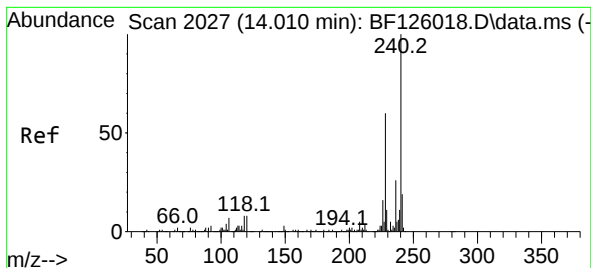
Tgt Ion:198 Resp: 168
Ion Ratio Lower Upper
198 100
51 198.9 45.3 85.3#
105 478.9 30.6 70.6#



#75
Fluoranthene
Concen: 2.540 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Tgt Ion:202 Resp: 54629
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.7
203 18.5 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

Instrument :

BNA_F

ClientSampleId :

SB01A

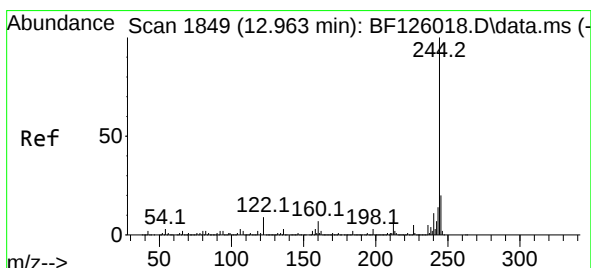
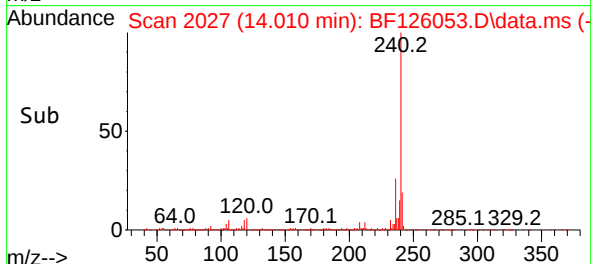
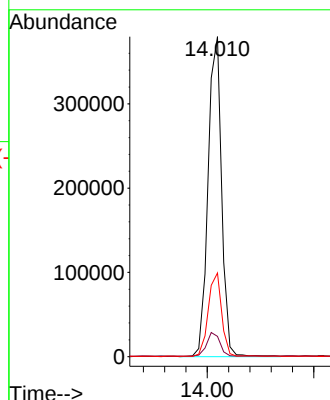
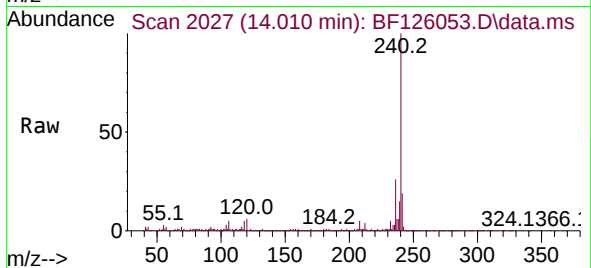
Tgt Ion:240 Resp: 336505

Ion Ratio Lower Upper

240 100

120 6.3 10.8 16.2#

236 26.2 21.6 32.4



#79

Terphenyl-d14

Concen: 24.289 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

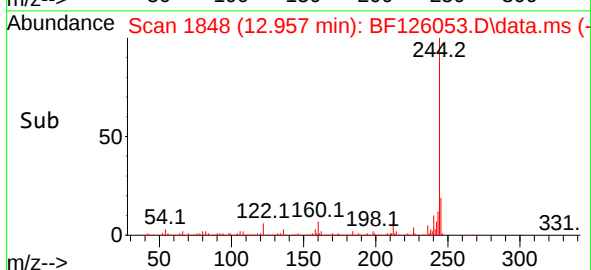
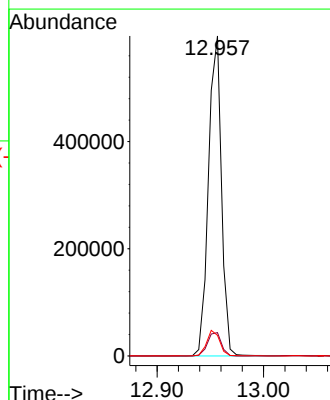
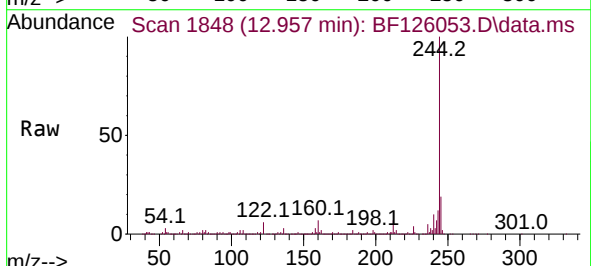
Tgt Ion:244 Resp: 506853

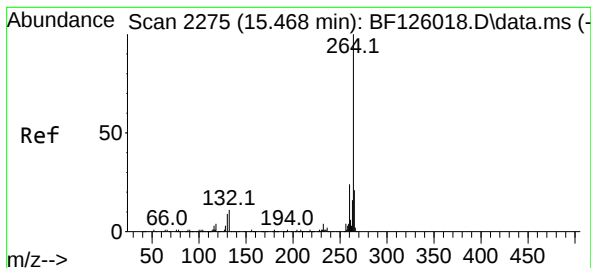
Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 6.4 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

Instrument :

BNA_F

ClientSampleId :

SB01A

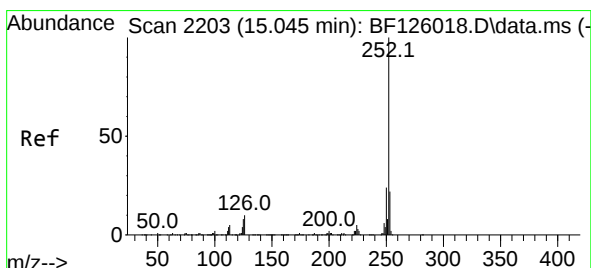
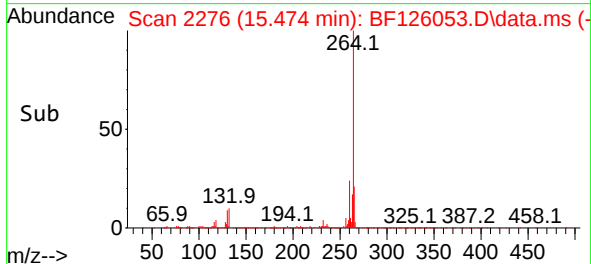
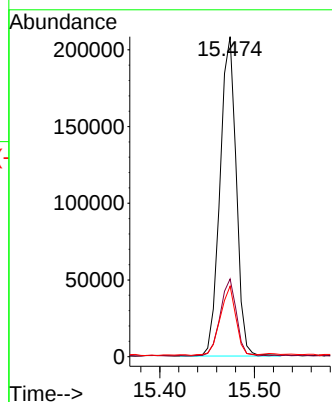
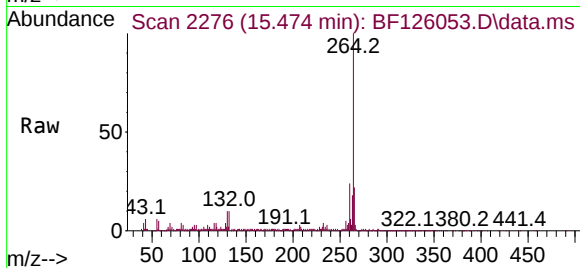
Tgt Ion:264 Resp: 248664

Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 22.1 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.951 ng

RT: 15.045 min Scan# 2203

Delta R.T. -0.000 min

Lab File: BF126053.D

Acq: 4 Nov 2021 19:07

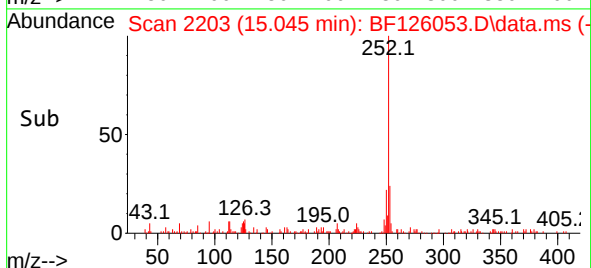
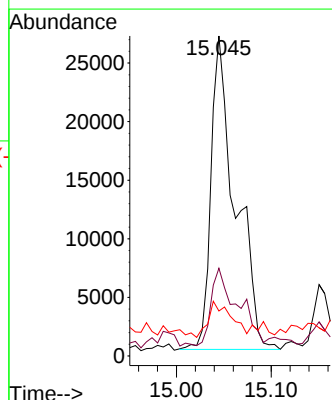
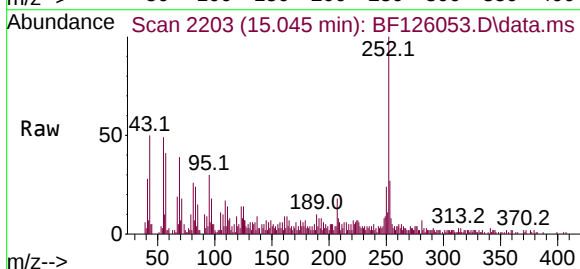
Tgt Ion:252 Resp: 47728

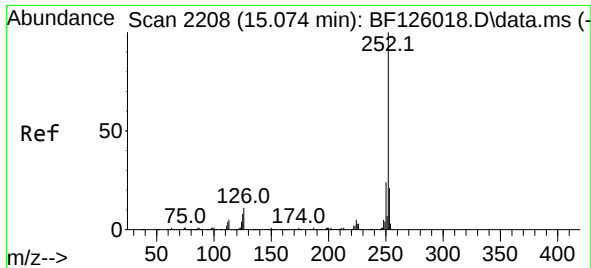
Ion Ratio Lower Upper

252 100

253 27.4 16.8 25.2#

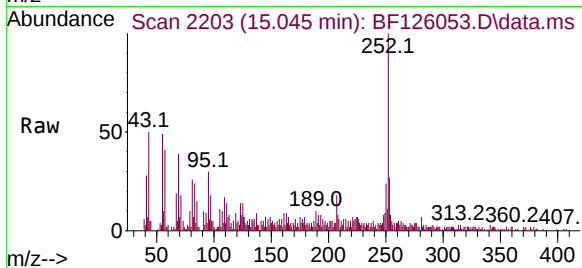
125 14.0 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 3.042 ng
RT: 15.045 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF126053.D
Acq: 4 Nov 2021 19:07

Instrument :
BNA_F
ClientSampleId :
SB01A



Tgt Ion:252 Resp: 47728
Ion Ratio Lower Upper
252 100
253 27.4 17.8 26.8#
125 14.0 7.2 10.8#

