

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126069.D
 Acq On : 8 Nov 2021 17:15
 Operator : JU/CG
 Sample : M4477-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T5-B2-NW

Quant Time: Nov 09 09:33:17 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)

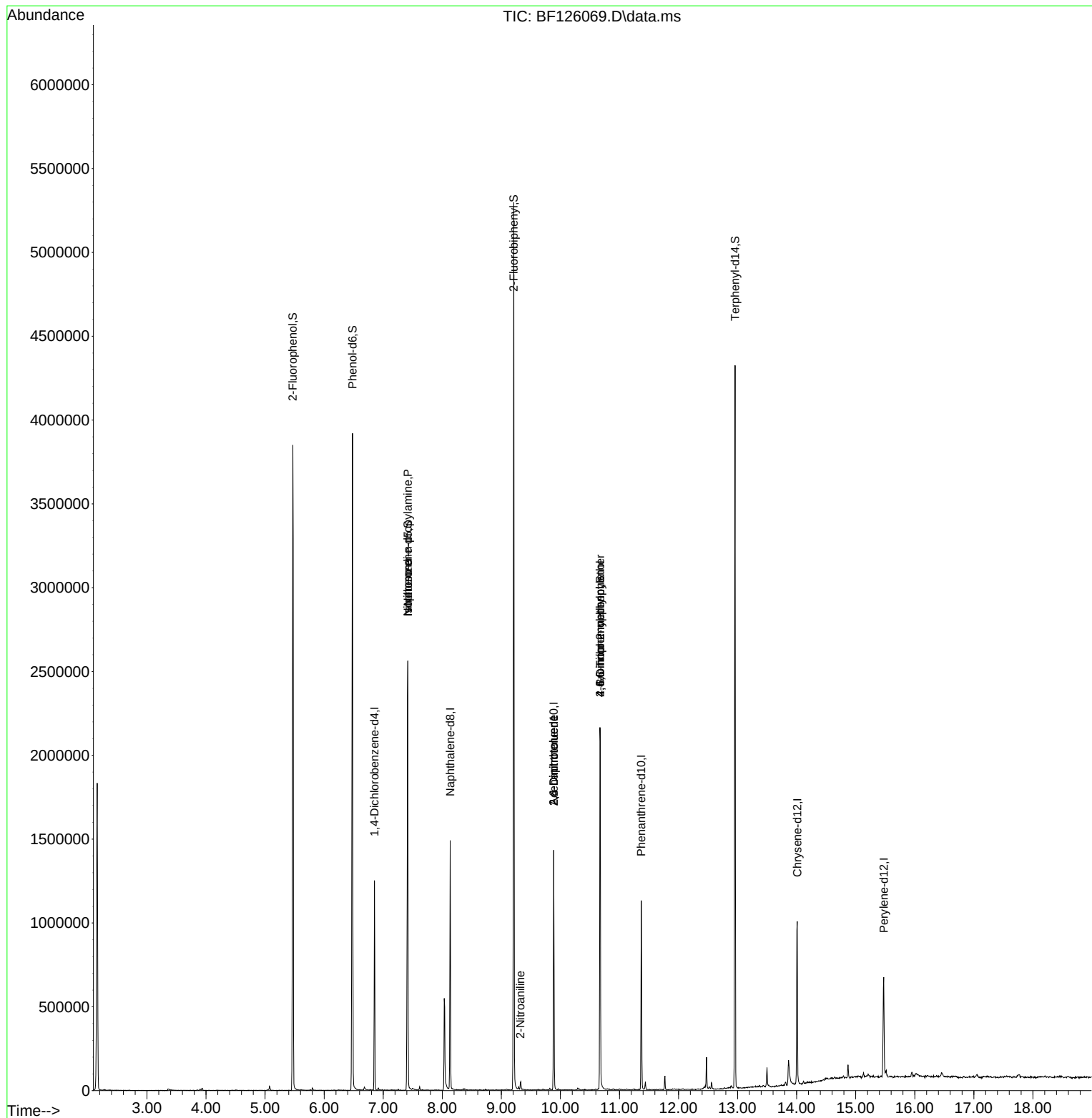
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	151270	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	527662	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	262317	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	394400	20.000	ng	0.00
76) Chrysene-d12	14.010	240	356904	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	278843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	901592	102.352	ng	0.00
7) Phenol-d6	6.481	99	1131364	91.111	ng	0.00
23) Nitrobenzene-d5	7.416	82	817684	73.081	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	250290	83.259	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1419945	73.150	ng	0.00
79) Terphenyl-d14	12.957	244	1302702	58.858	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	2552	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	114970	14.044	ng	# 59
25) Isophorone	7.416	82	811792	40.298	ng	# 59
48) 2-Nitroaniline	9.322	65	566	2.951	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	32144	9.820	ng	# 27
57) 2,4-Dinitrotoluene	9.886	165	32144	9.532	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.675	198	646	8.598	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	16171	3.385	ng	# 1

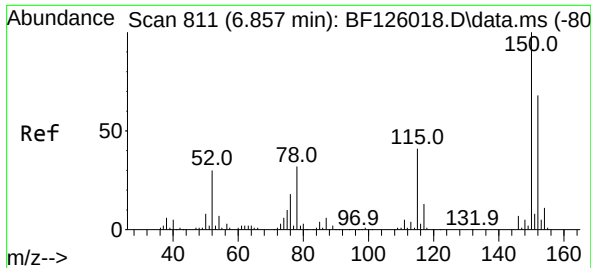
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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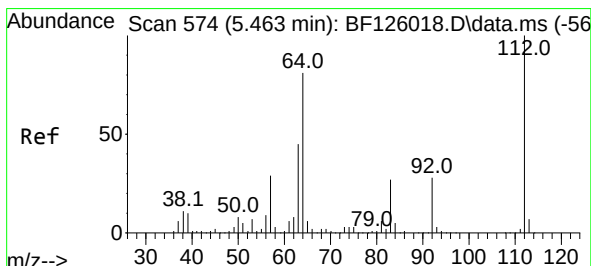
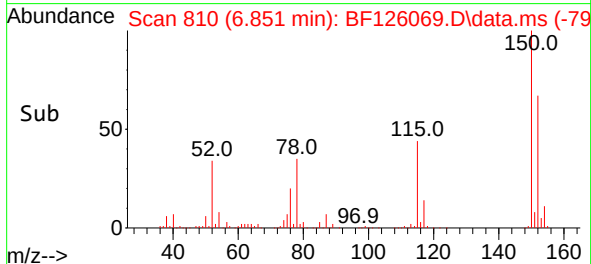
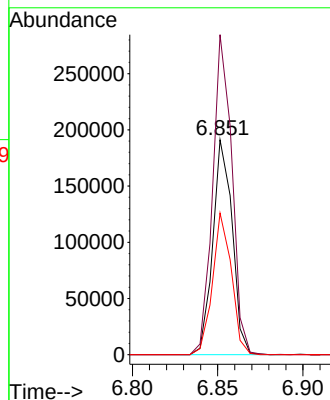
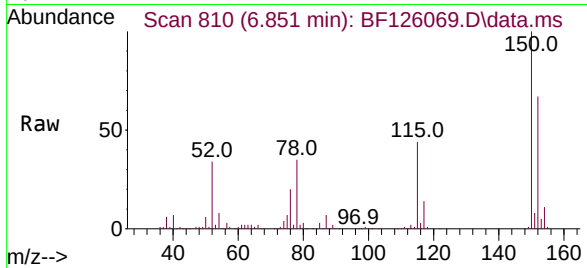




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

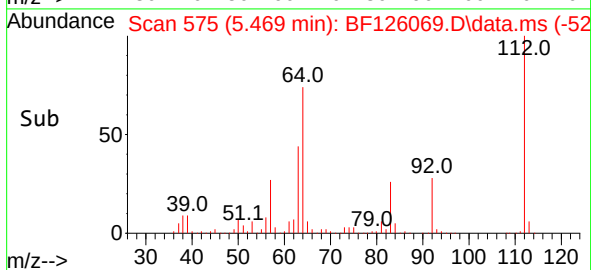
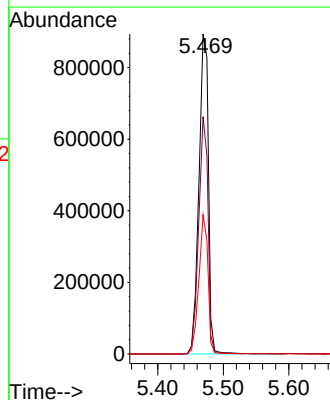
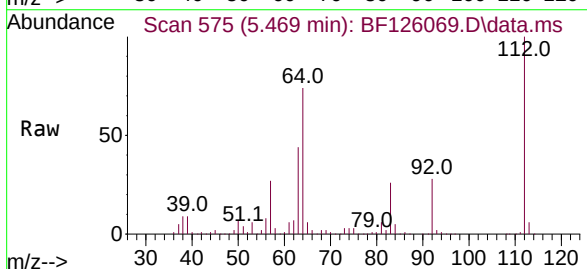
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

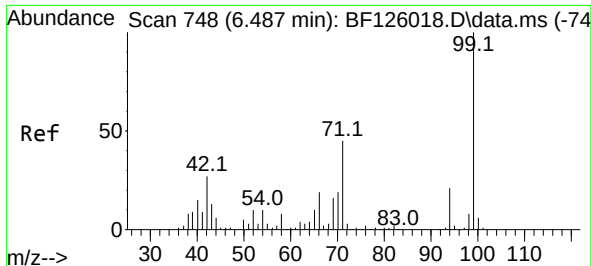
Tgt Ion:152 Resp: 151270
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 65.9 47.1 70.7



#5
2-Fluorophenol
Concen: 102.352 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:112 Resp: 901592
Ion Ratio Lower Upper
112 100
64 74.1 44.2 66.2#
63 43.5 26.2 39.2#

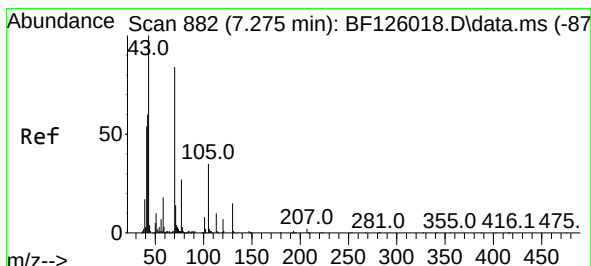
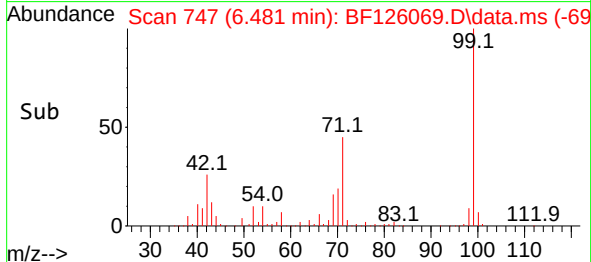
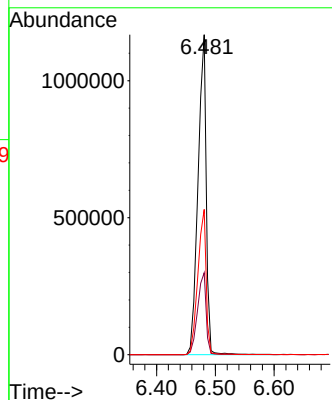
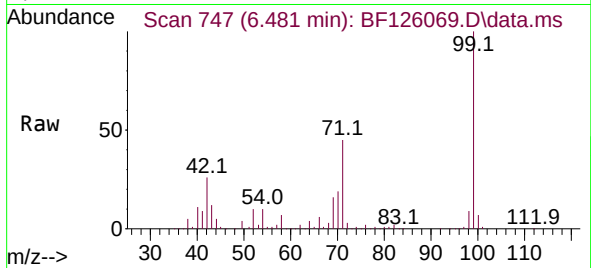




#7
Phenol-d6
Concen: 91.111 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

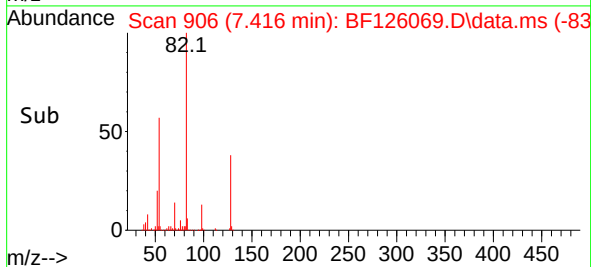
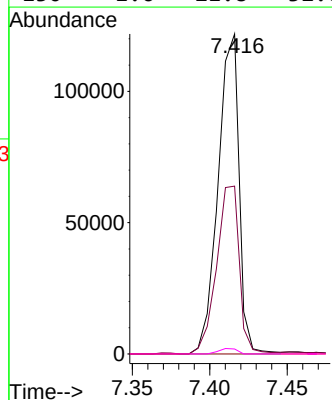
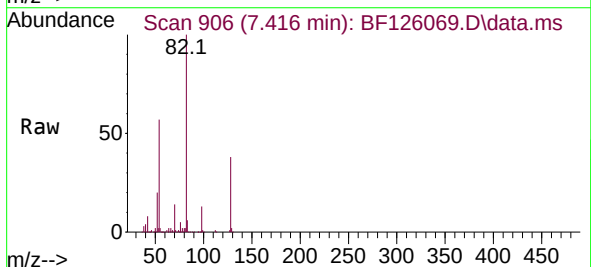
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

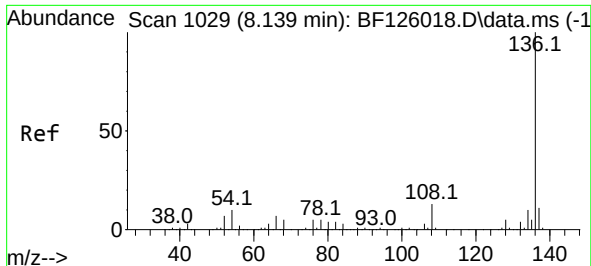
Tgt Ion: 99 Resp: 1131364
Ion Ratio Lower Upper
99 100
42 25.6 23.5 35.3
71 45.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.044 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion: 70 Resp: 114970
Ion Ratio Lower Upper
70 100
42 52.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

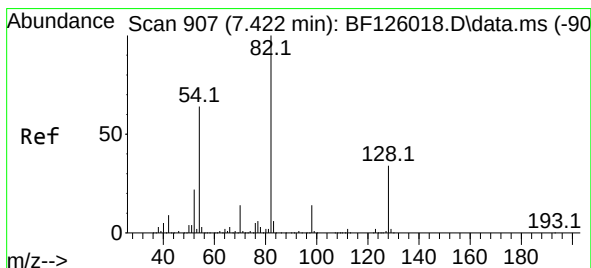
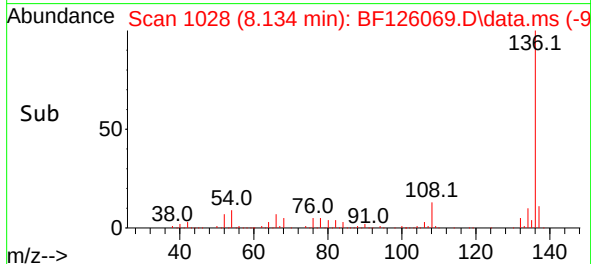
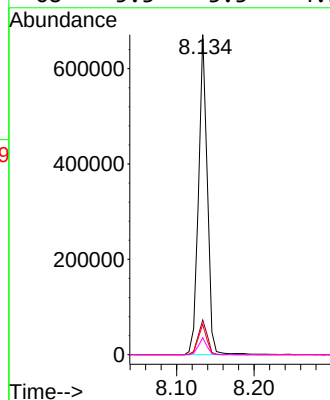
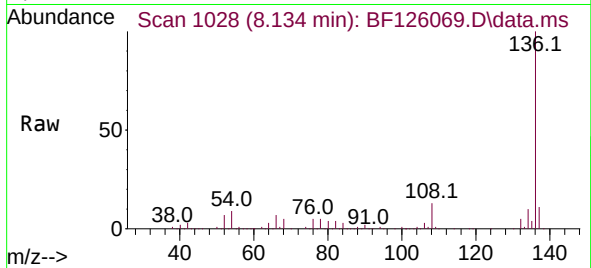




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

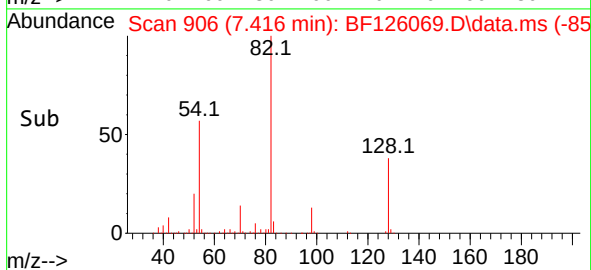
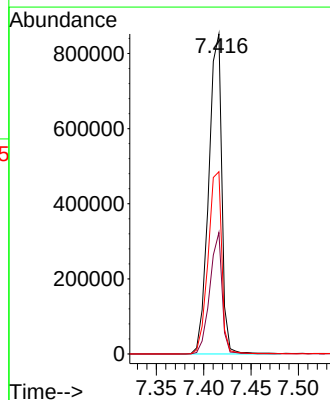
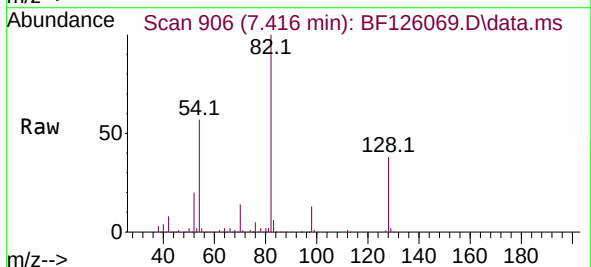
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

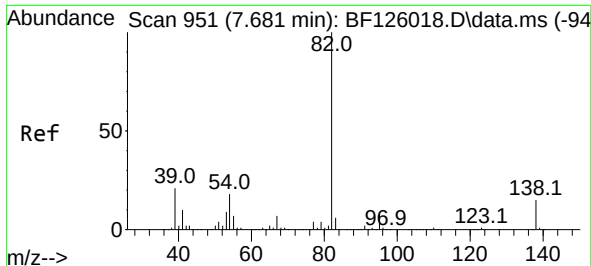
Tgt Ion:136 Resp: 527662
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.5 6.4 9.6
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 73.081 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion: 82 Resp: 817684
Ion Ratio Lower Upper
82 100
128 37.9 40.6 60.8#
54 56.9 49.6 74.4

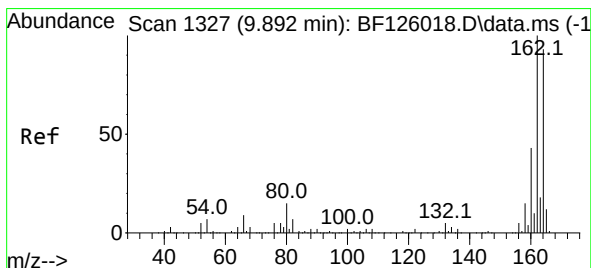
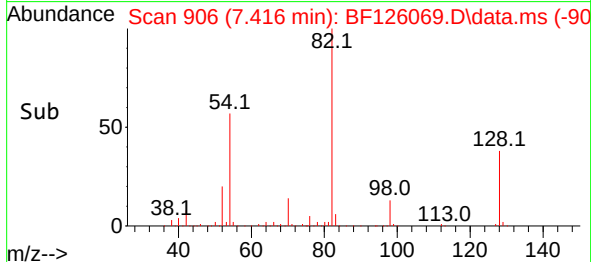
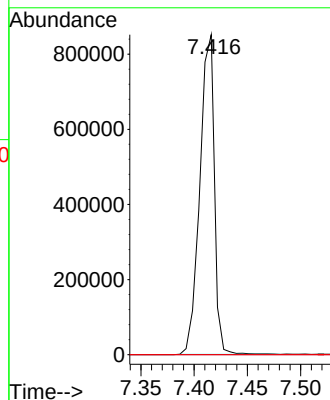
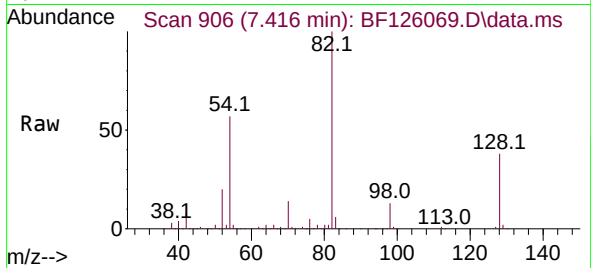




#25
Isophorone
Concen: 40.298 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

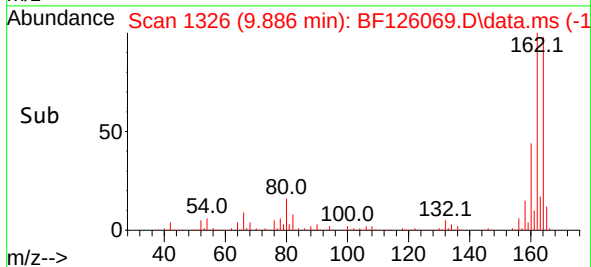
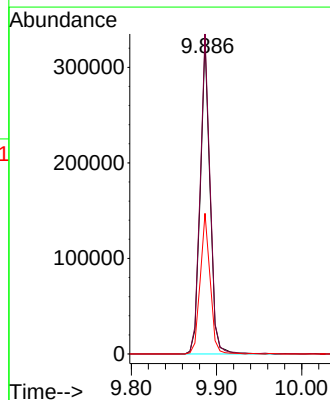
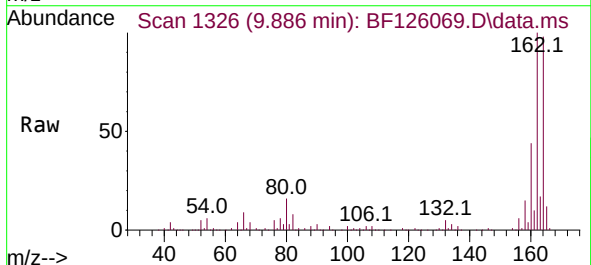
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

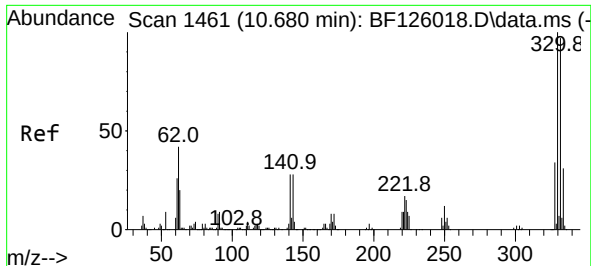
Tgt Ion: 82 Resp: 811792
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:164 Resp: 262317
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.8 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 83.259 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126069.D

Acq: 8 Nov 2021 17:15

Instrument :

BNA_F

ClientSampleId :

T5-B2-NW

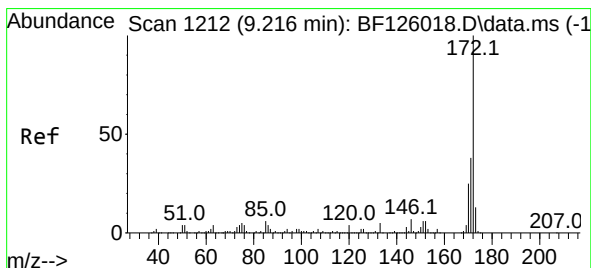
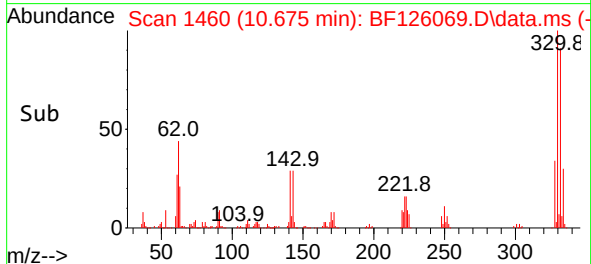
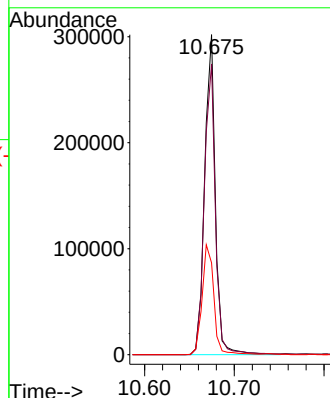
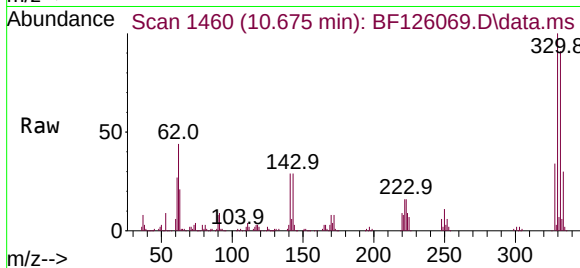
Tgt Ion:330 Resp: 250290

Ion Ratio Lower Upper

330 100

332 94.5 76.2 114.4

141 37.6 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 73.150 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126069.D

Acq: 8 Nov 2021 17:15

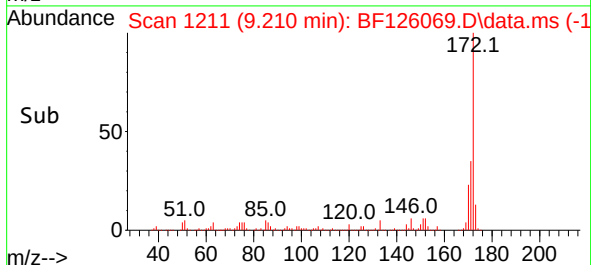
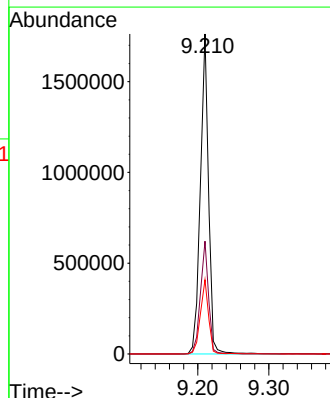
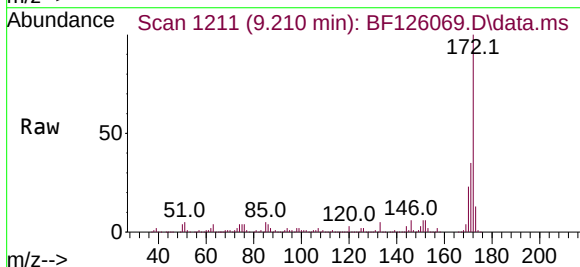
Tgt Ion:172 Resp: 1419945

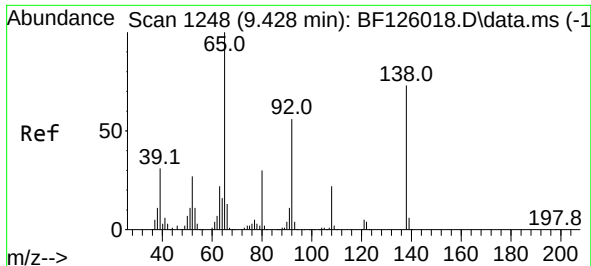
Ion Ratio Lower Upper

172 100

171 35.2 26.5 39.7

170 23.2 18.8 28.2

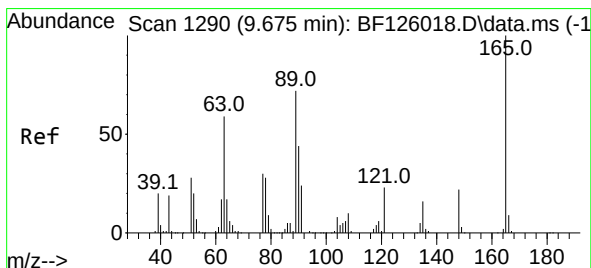
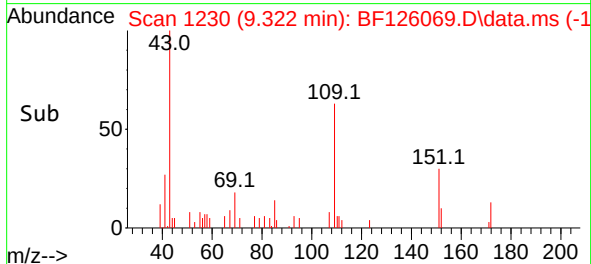
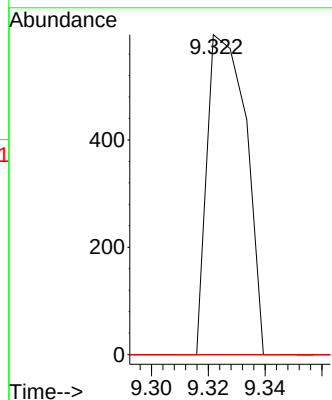
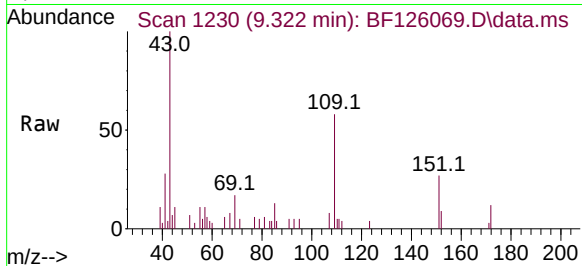




#48
2-Nitroaniline
Concen: 2.951 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

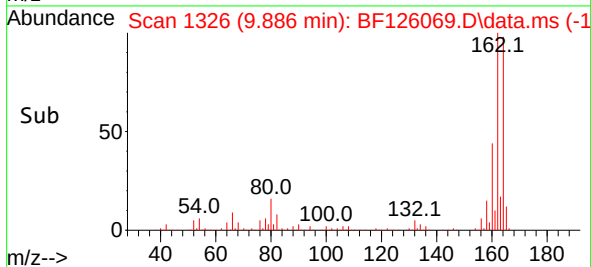
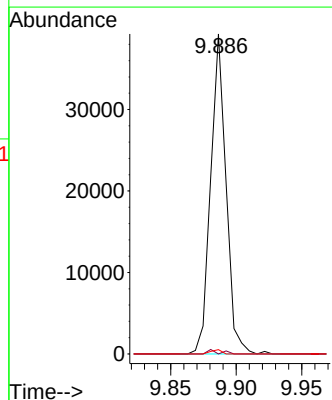
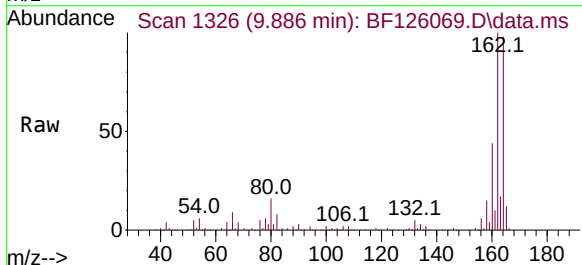
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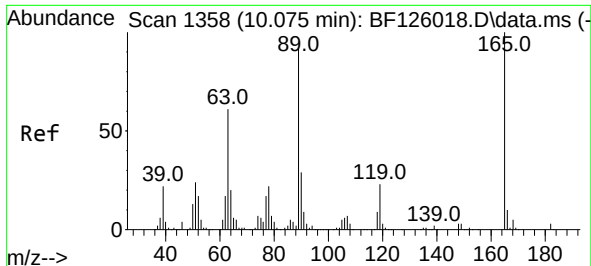
Tgt Ion: 65 Resp: 566
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 9.820 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:165 Resp: 32144
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.3 40.6 60.8#

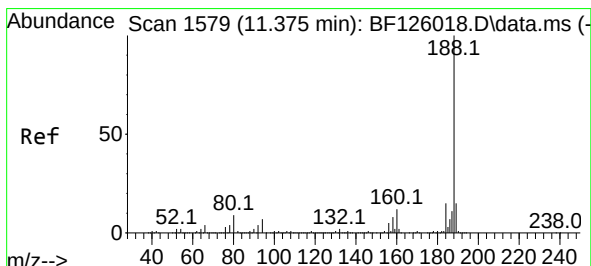
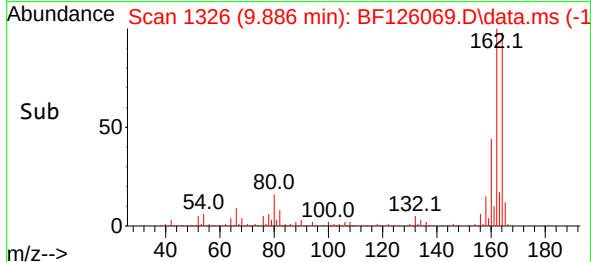
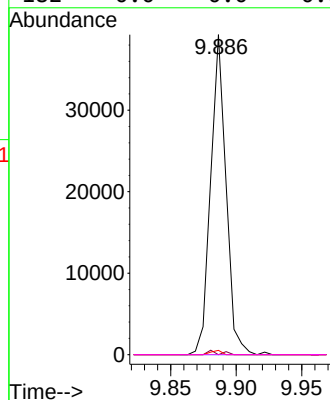
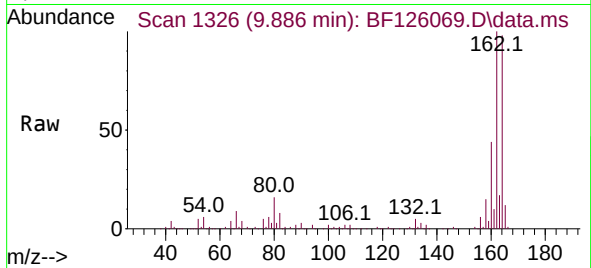




#57
2,4-Dinitrotoluene
Concen: 9.532 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

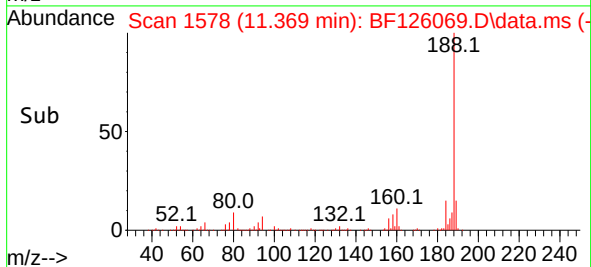
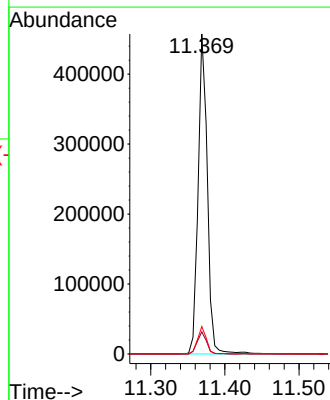
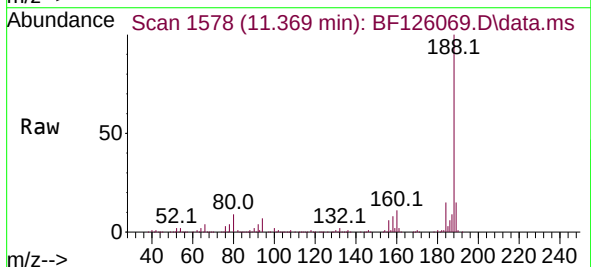
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

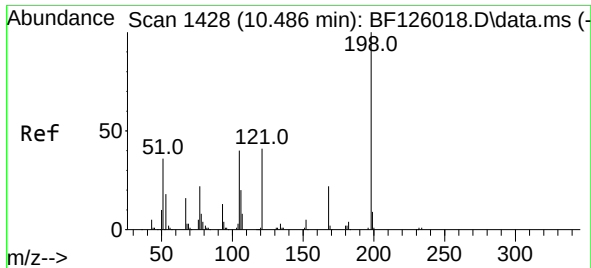
Tgt Ion:165 Resp: 32144
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:188 Resp: 394400
Ion Ratio Lower Upper
188 100
94 6.9 6.7 10.1
80 8.6 7.5 11.3

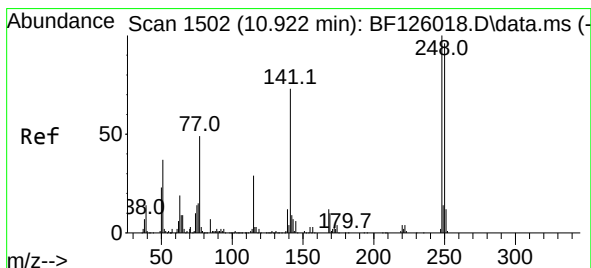
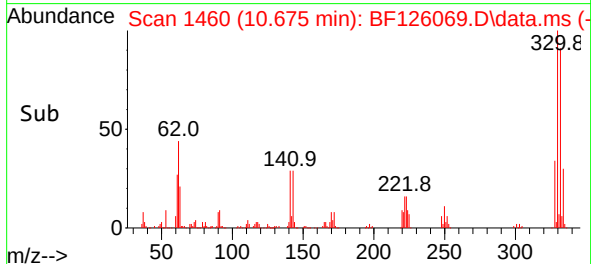
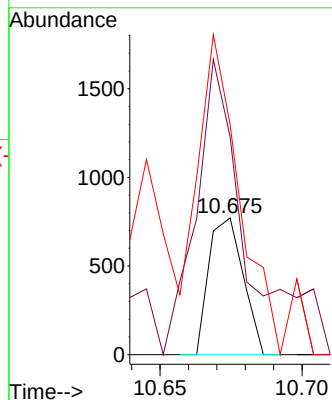
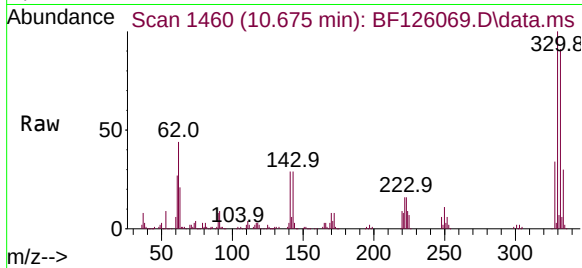




#65
4,6-Dinitro-2-methylphenol
Concen: 8.598 ng
RT: 10.675 min Scan# 1428
Delta R.T. 0.189 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

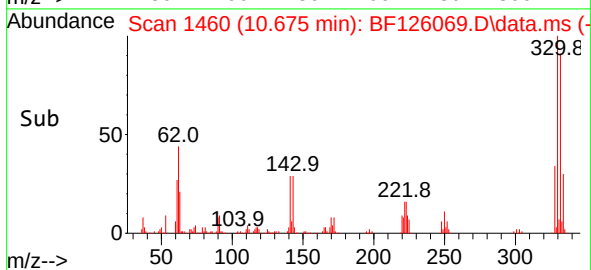
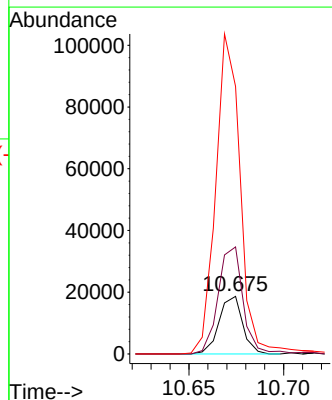
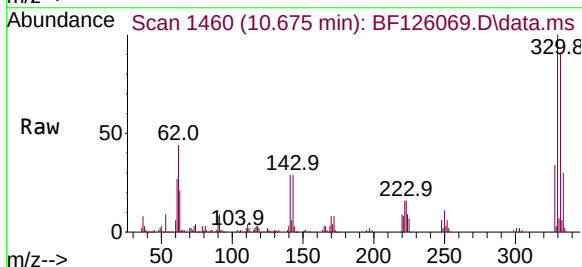
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

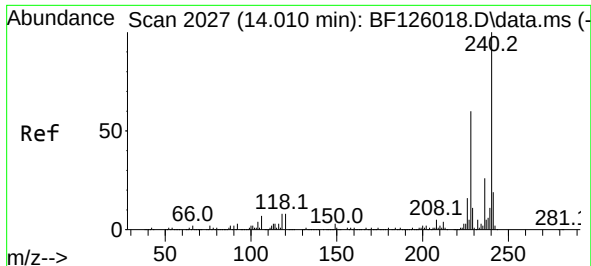
Tgt Ion:198 Resp: 646
Ion Ratio Lower Upper
198 100
51 159.1 45.3 85.3#
105 168.1 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.385 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:248 Resp: 16171
Ion Ratio Lower Upper
248 100
250 185.9 74.2 111.4#
141 464.4 60.4 90.6#

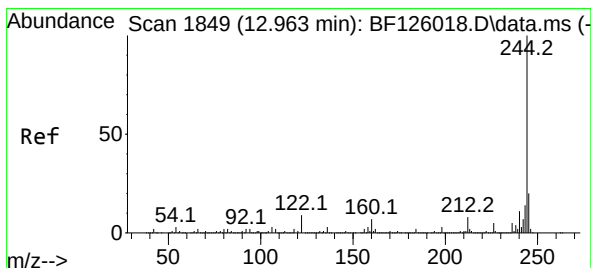
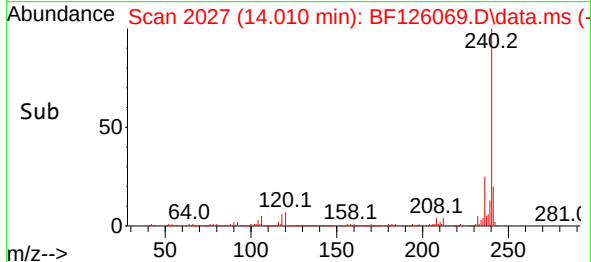
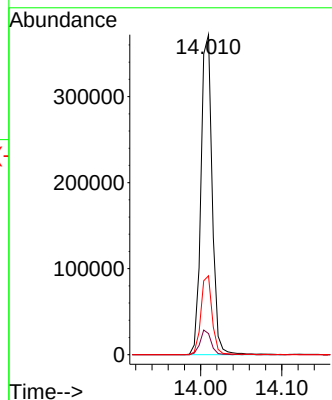
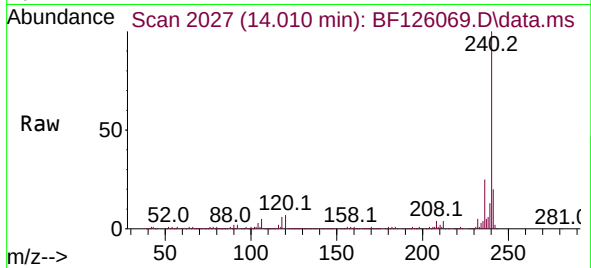




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

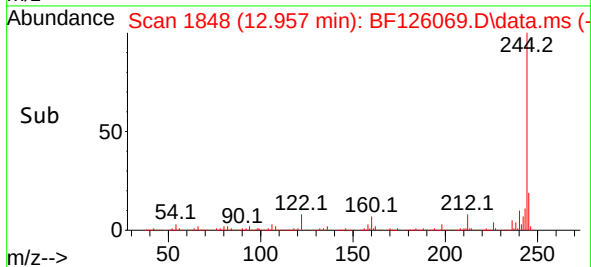
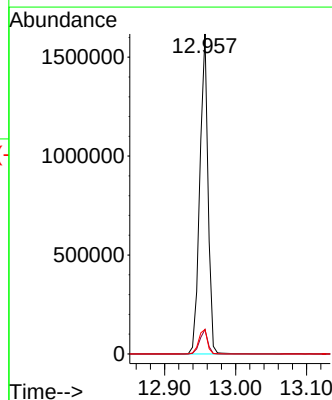
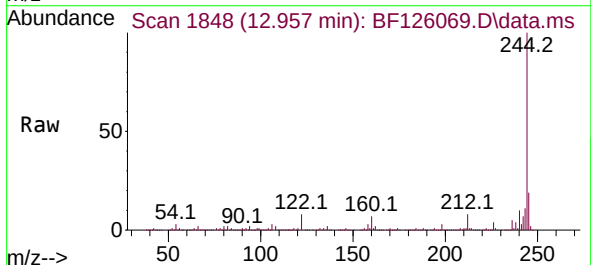
Instrument :
BNA_F
ClientSampleId :
T5-B2-NW

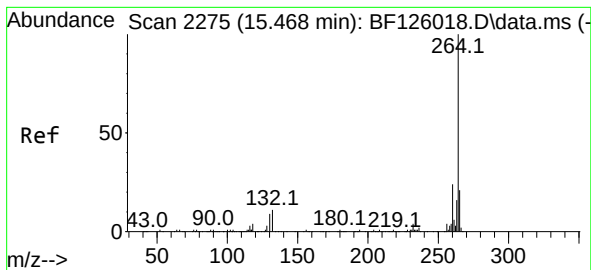
Tgt Ion:240 Resp: 356904
Ion Ratio Lower Upper
240 100
120 6.6 10.8 16.2#
236 24.7 21.6 32.4



#79
Terphenyl-d14
Concen: 58.858 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126069.D
Acq: 8 Nov 2021 17:15

Tgt Ion:244 Resp: 1302702
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 7.7 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: BF126069.D
 Acq: 8 Nov 2021 17:15

Instrument :
 BNA_F
 ClientSampleId :
 T5-B2-NW

Tgt Ion:264 Resp: 278843
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.6 29.4
 265 22.1 17.2 25.8

