

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126068.D
 Acq On : 8 Nov 2021 16:42
 Operator : JU/CG
 Sample : M4540-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 09 09:32:55 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)

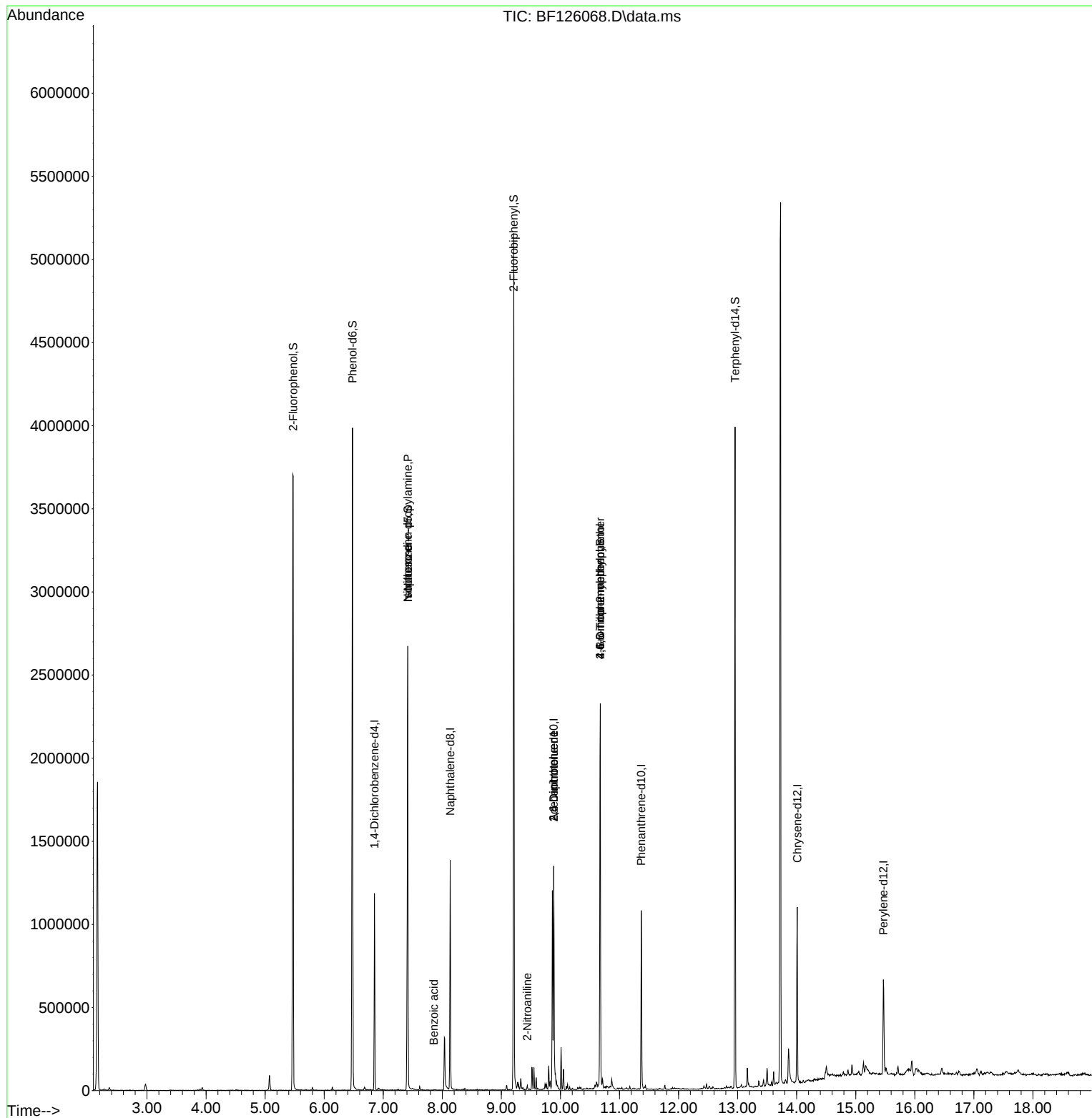
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	147594	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	507772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	253055	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	372474	20.000	ng	0.00
76) Chrysene-d12	14.009	240	338724	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	262128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	889171	103.456	ng	0.01
7) Phenol-d6	6.481	99	1110175	91.632	ng	0.00
23) Nitrobenzene-d5	7.416	82	811648	75.383	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	246277	84.922	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1388036	74.124	ng	0.00
79) Terphenyl-d14	12.957	244	1149686	54.733	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	414	Below Cal		95
19) n-Nitroso-di-n-propyla...	7.416	70	116558	14.593	ng	# 59
25) Isophorone	7.416	82	804865	41.519	ng	# 59
32) Benzoic acid	7.857	122	114	9.163	ng	# 59
48) 2-Nitroaniline	9.439	65	129	2.873	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	32560	10.311	ng	# 29
57) 2,4-Dinitrotoluene	9.886	165	32560	9.851	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.674	198	635	8.610	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	16809	3.726	ng	# 1

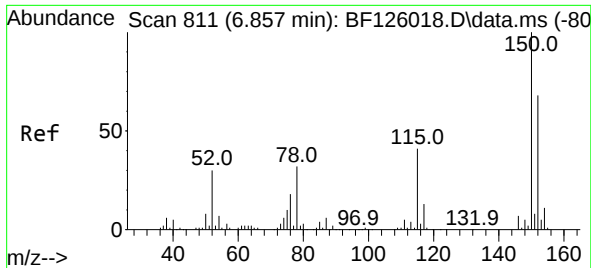
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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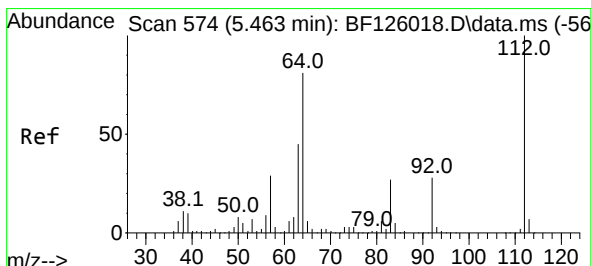
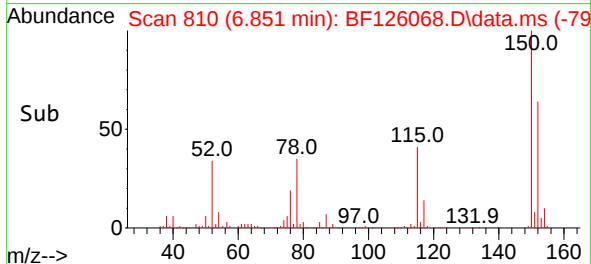
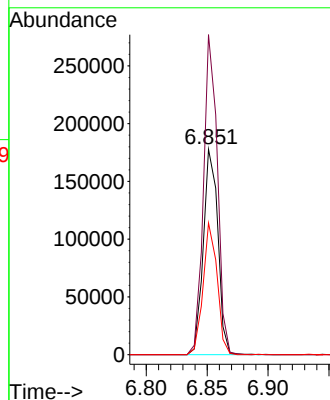
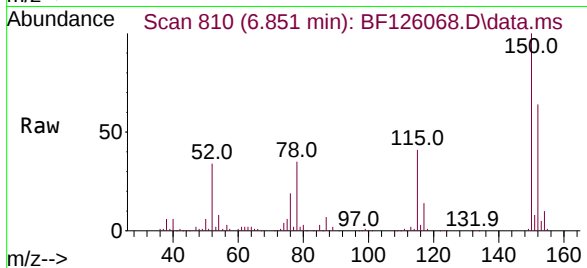




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF126068.D
 Acq: 8 Nov 2021 16:42

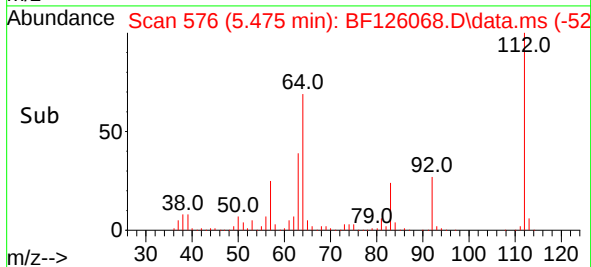
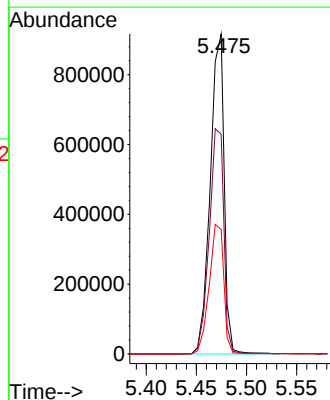
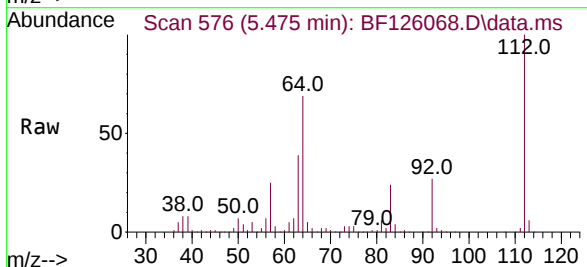
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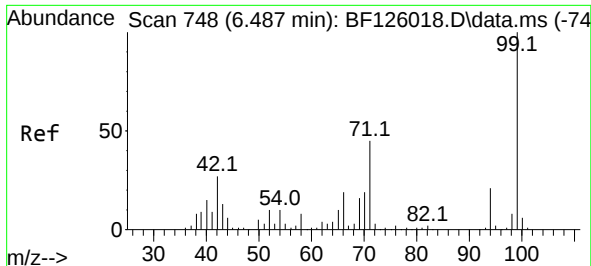
Tgt Ion:152 Resp: 147594
 Ion Ratio Lower Upper
 152 100
 150 155.7 117.6 176.4
 115 64.1 47.1 70.7



#5
 2-Fluorophenol
 Concen: 103.456 ng
 RT: 5.475 min Scan# 576
 Delta R.T. 0.012 min
 Lab File: BF126068.D
 Acq: 8 Nov 2021 16:42

Tgt Ion:112 Resp: 889171
 Ion Ratio Lower Upper
 112 100
 64 68.7 44.2 66.2#
 63 38.9 26.2 39.2

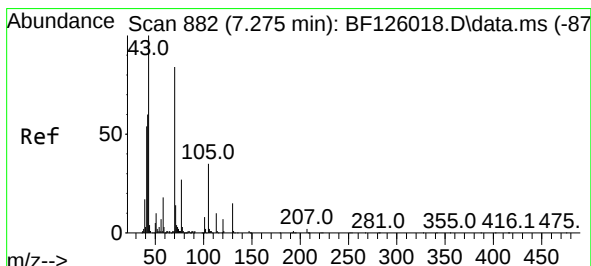
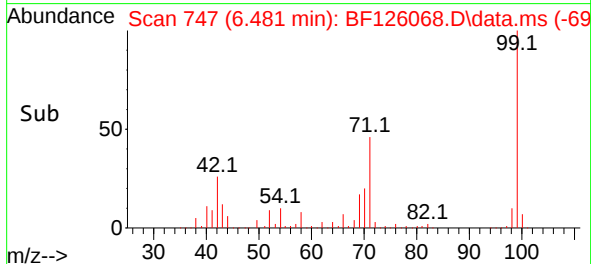
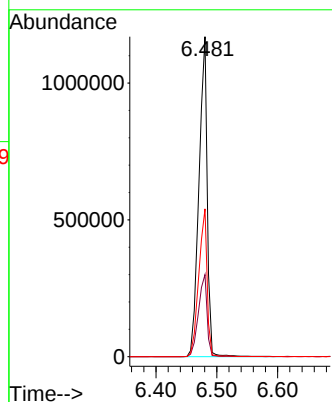
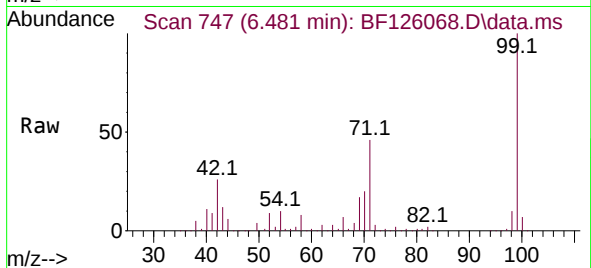




#7
Phenol-d6
Concen: 91.632 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

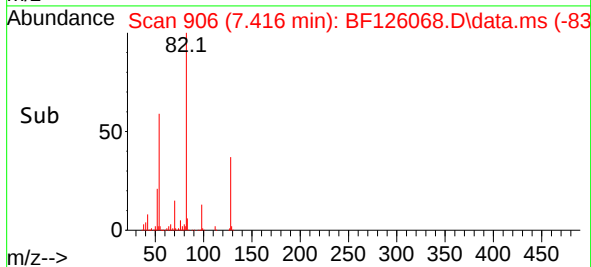
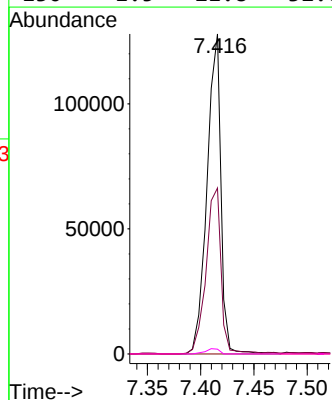
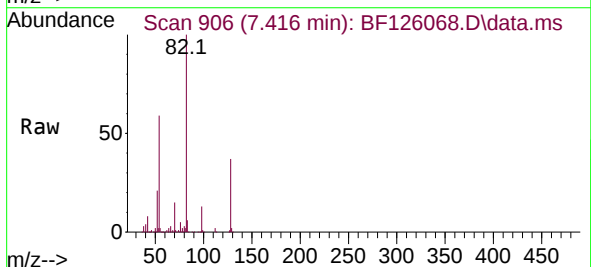
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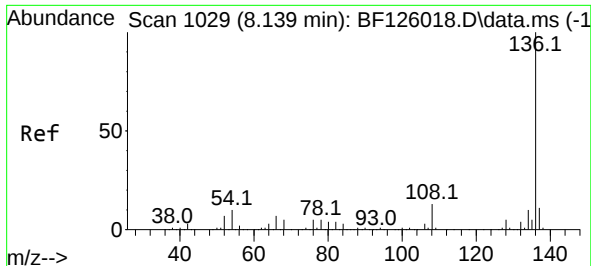
Tgt Ion: 99 Resp: 1110175
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 46.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.593 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion: 70 Resp: 116558
Ion Ratio Lower Upper
70 100
42 51.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

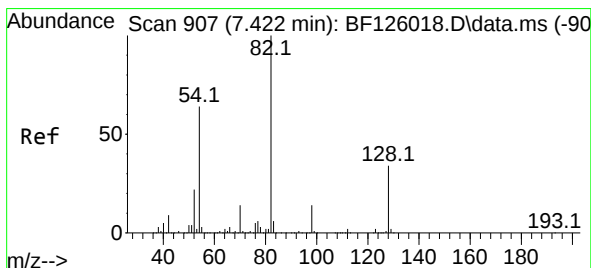
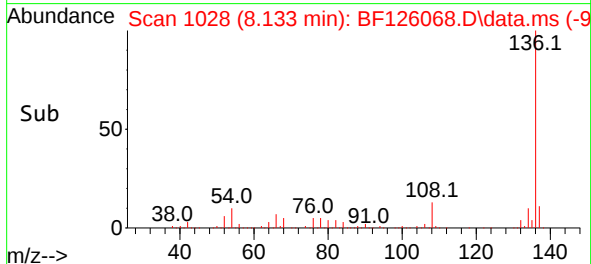
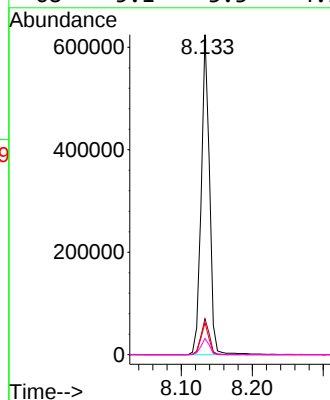
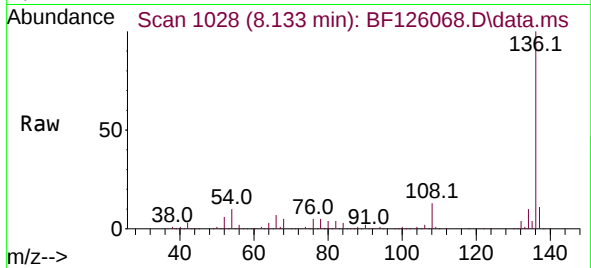




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

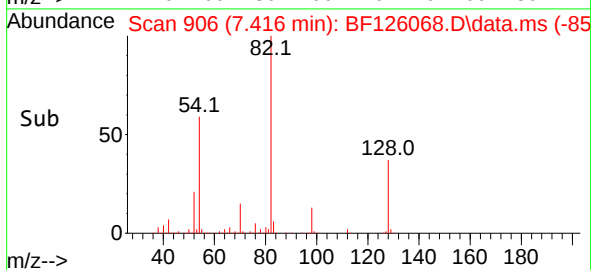
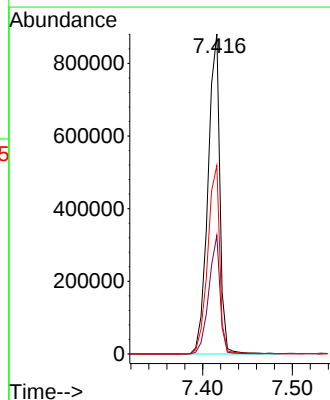
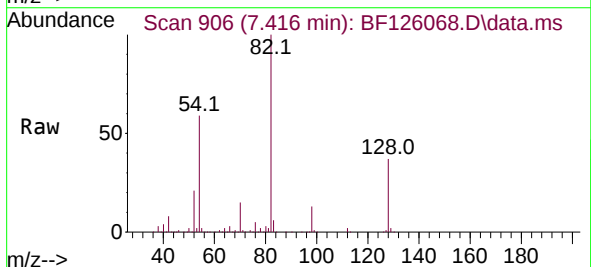
Instrument :
BNA_F
ClientSampleId :
TP-1

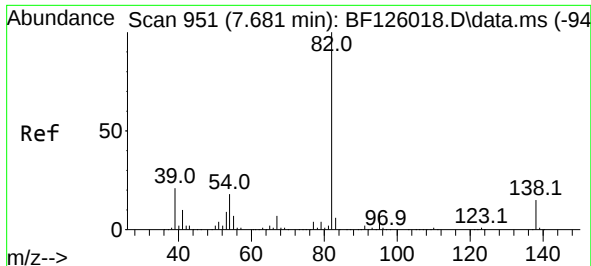
Tgt Ion:136 Resp: 507772
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.9 6.4 9.6#
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.383 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion: 82 Resp: 811648
Ion Ratio Lower Upper
82 100
128 37.1 40.6 60.8#
54 58.9 49.6 74.4

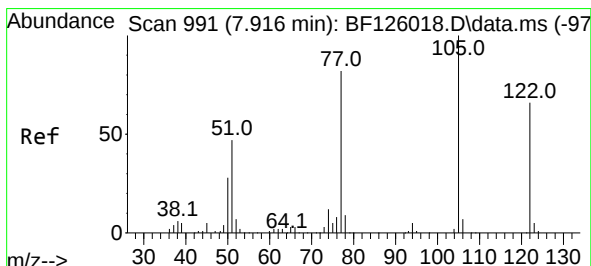
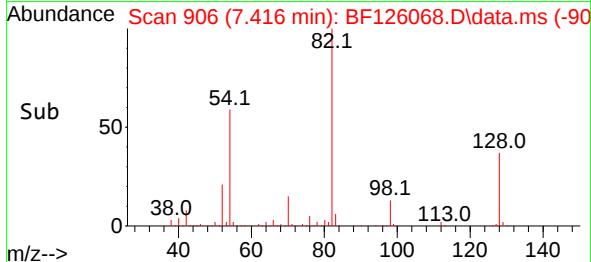
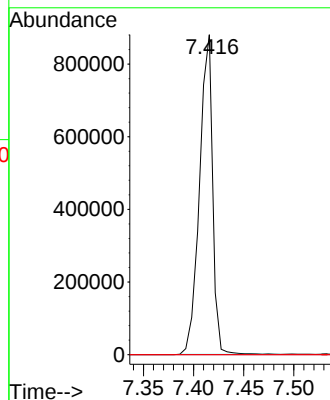
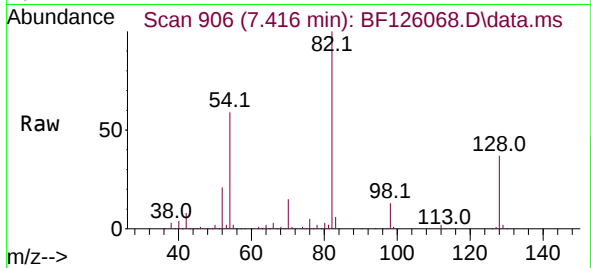




#25
Isophorone
Concen: 41.519 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

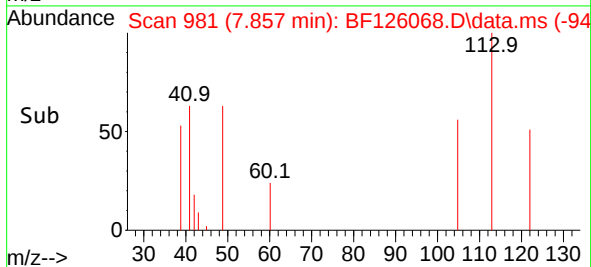
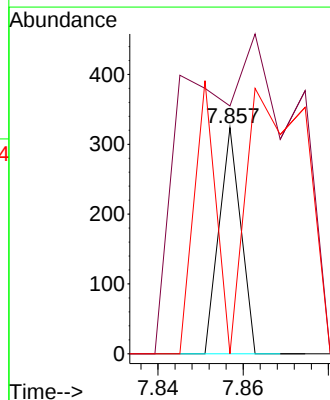
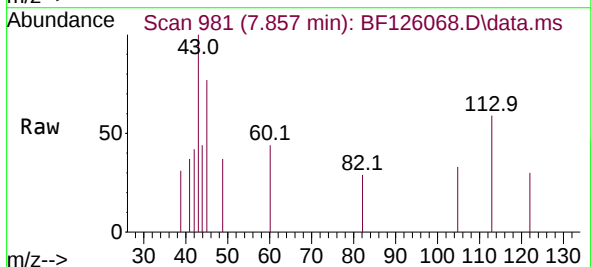
Instrument :
BNA_F
ClientSampleId :
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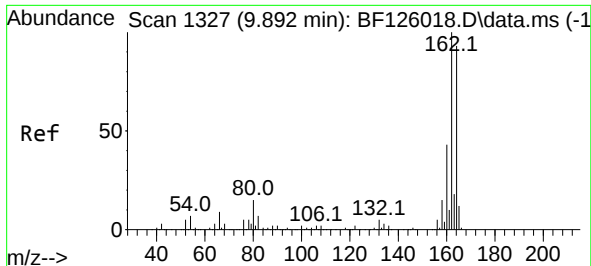
Tgt Ion: 82 Resp: 804865
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.163 ng
RT: 7.857 min Scan# 981
Delta R.T. -0.059 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion:122 Resp: 114
Ion Ratio Lower Upper
122 100
105 109.6 97.6 137.6
77 0.0 59.6 99.6#

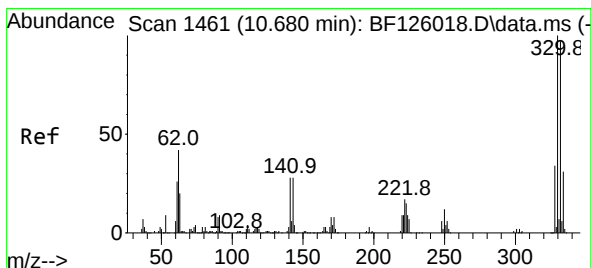
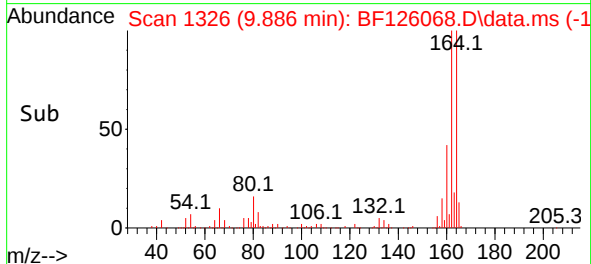
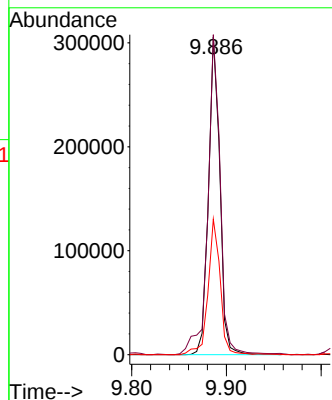
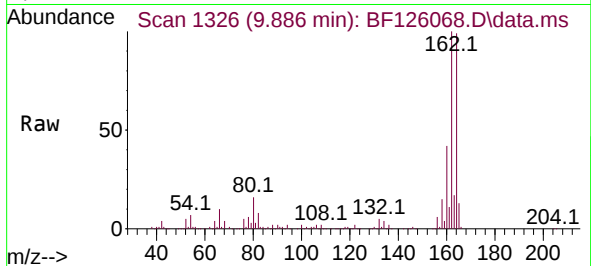




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

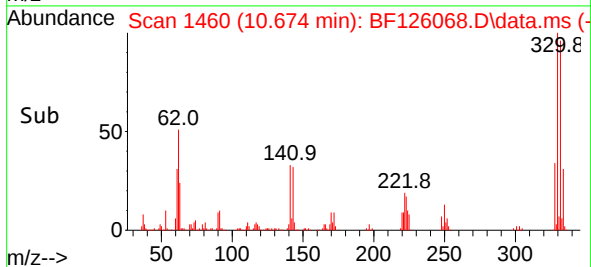
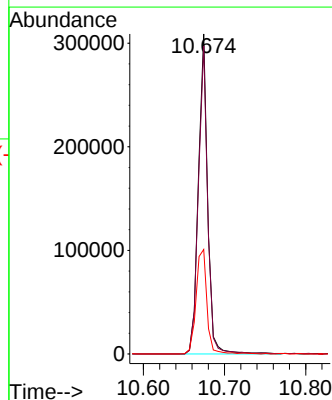
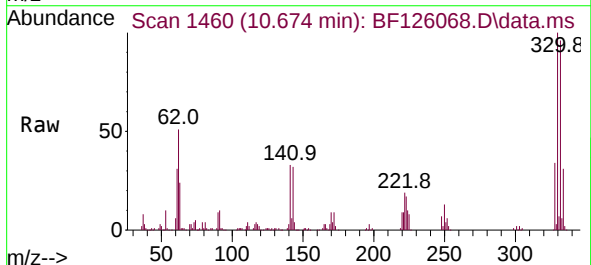
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TP-1

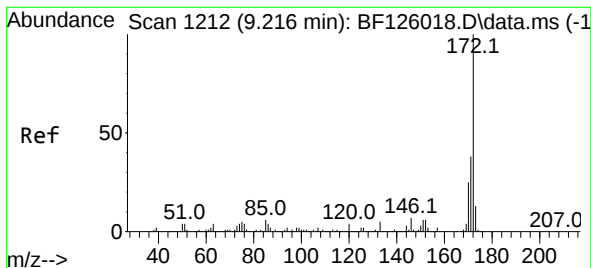
Tgt Ion:164 Resp: 253055
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 42.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 84.922 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion:330 Resp: 246277
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 38.3 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 74.124 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126068.D

Acq: 8 Nov 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP-1

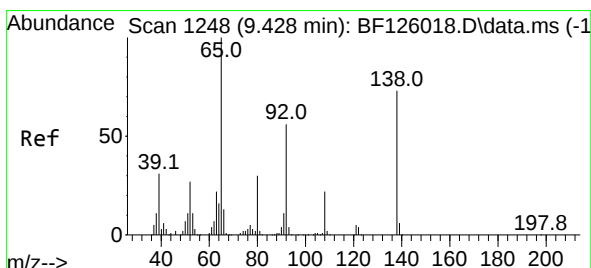
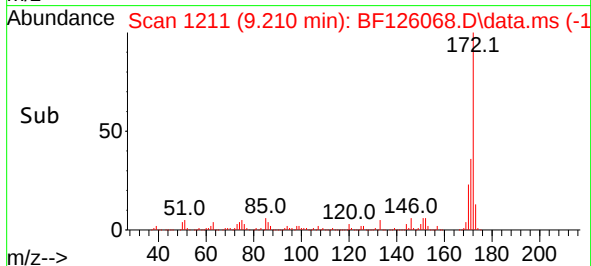
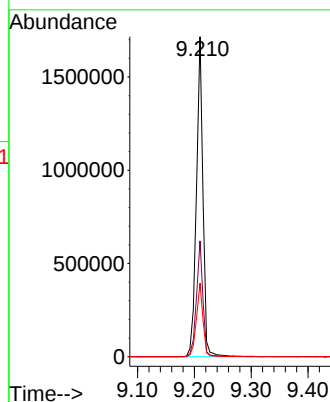
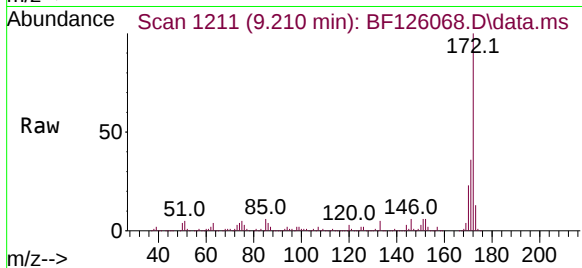
Tgt Ion:172 Resp: 1388036

Ion Ratio Lower Upper

172 100

171 36.2 26.5 39.7

170 23.0 18.8 28.2



#48

2-Nitroaniline

Concen: 2.873 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.011 min

Lab File: BF126068.D

Acq: 8 Nov 2021 16:42

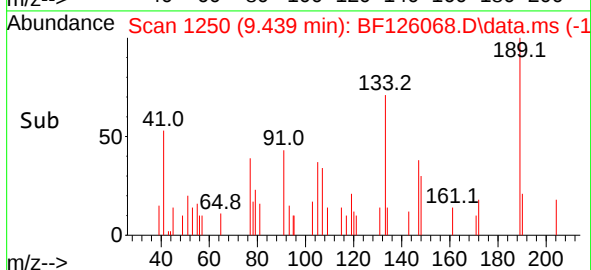
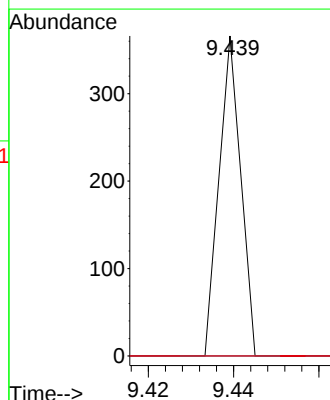
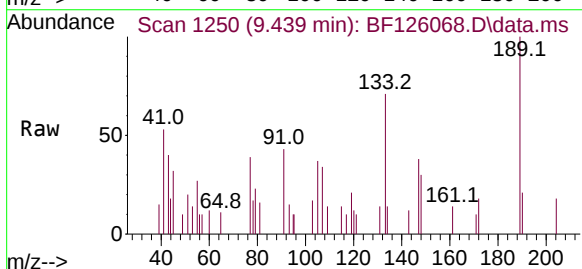
Tgt Ion: 65 Resp: 129

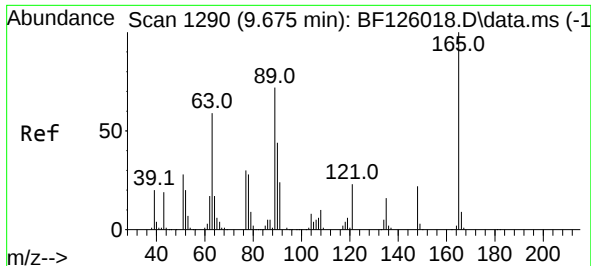
Ion Ratio Lower Upper

65 100

92 0.0 55.5 83.3#

138 0.0 93.5 140.3#

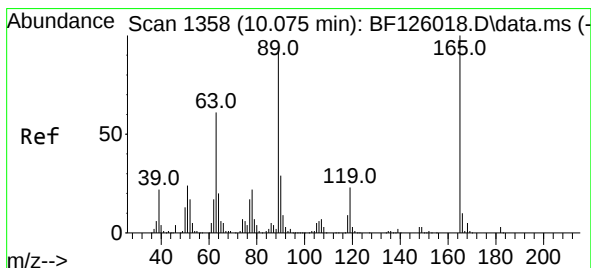
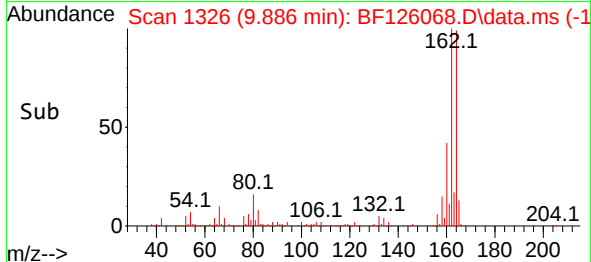
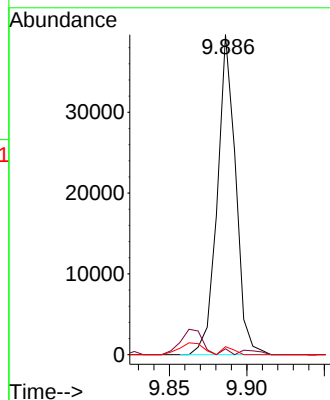
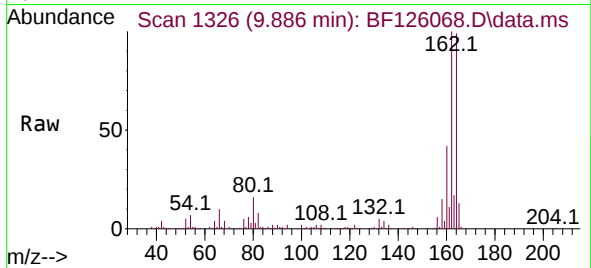




#51
2,6-Dinitrotoluene
Concen: 10.311 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

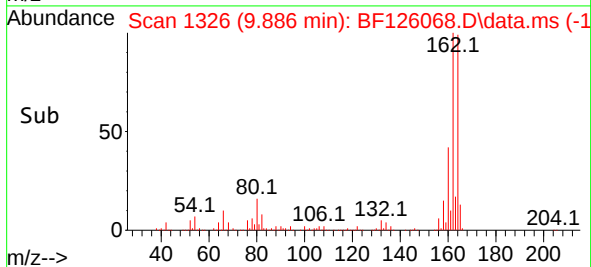
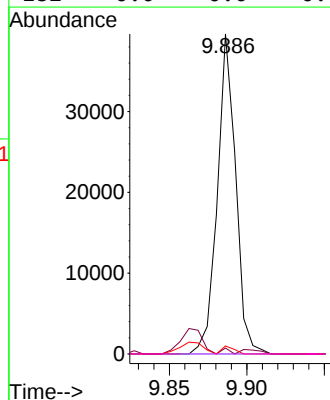
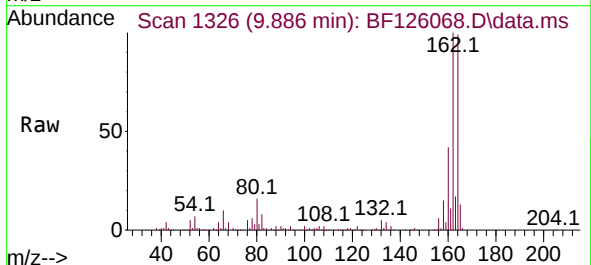
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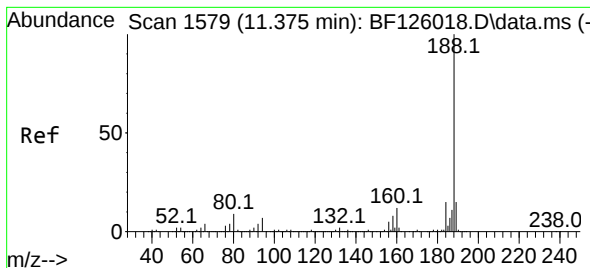
Tgt Ion:165 Resp: 32560
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 2.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.851 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion:165 Resp: 32560
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 2.5 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.368 min Scan# 11

Delta R.T. -0.007 min

Lab File: BF126068.D

Acq: 8 Nov 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP-1

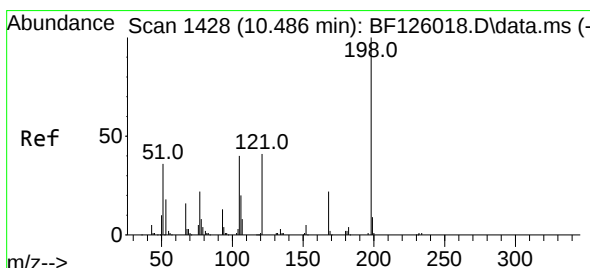
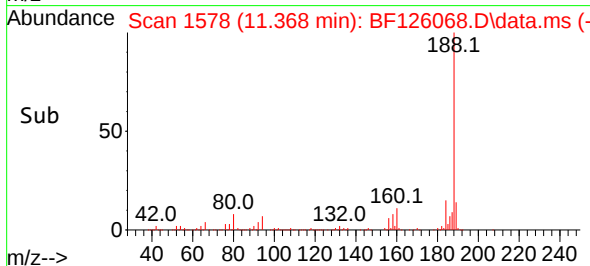
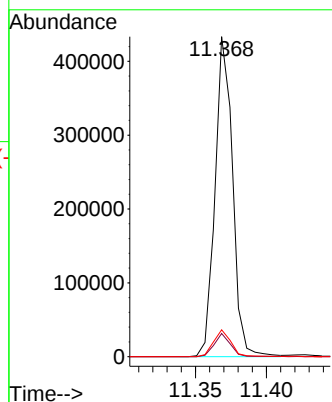
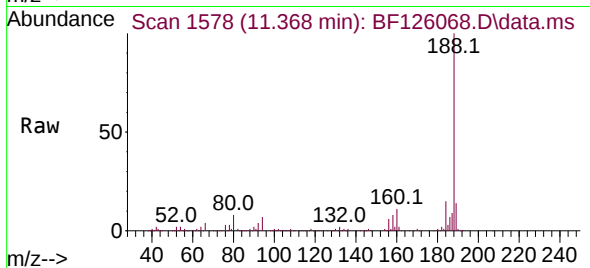
Tgt Ion:188 Resp: 372474

Ion Ratio Lower Upper

188 100

94 7.2 6.7 10.1

80 8.4 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.610 ng

RT: 10.674 min Scan# 1460

Delta R.T. 0.188 min

Lab File: BF126068.D

Acq: 8 Nov 2021 16:42

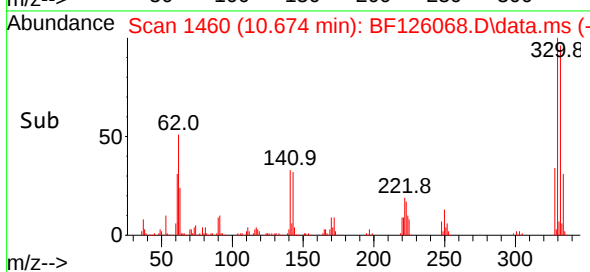
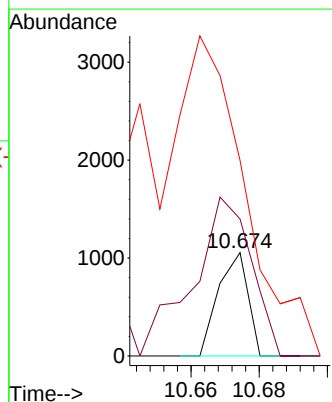
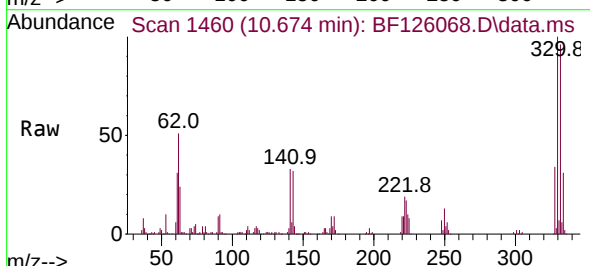
Tgt Ion:198 Resp: 635

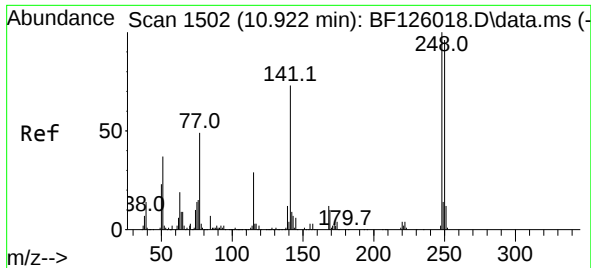
Ion Ratio Lower Upper

198 100

51 132.5 45.3 85.3#

105 189.3 30.6 70.6#

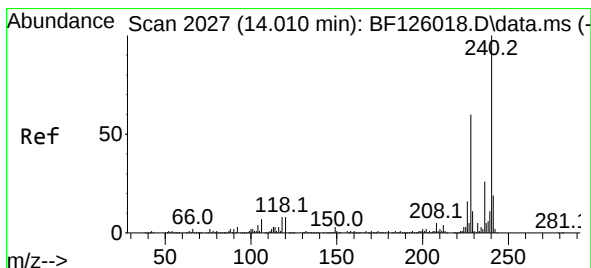
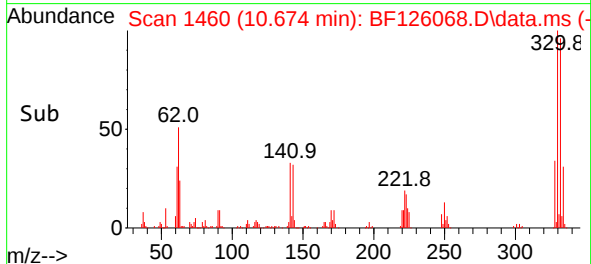
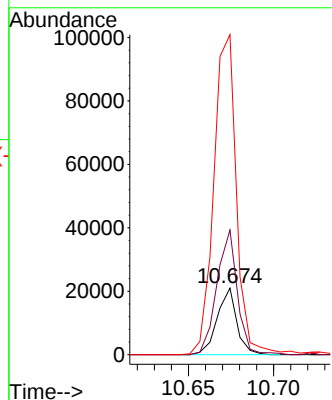
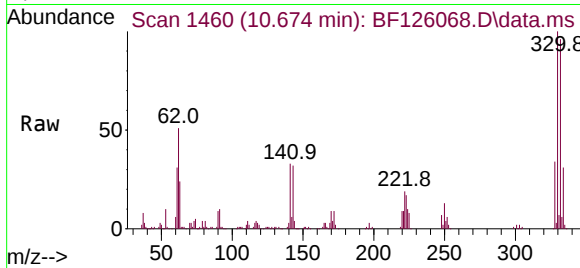




#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.248 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

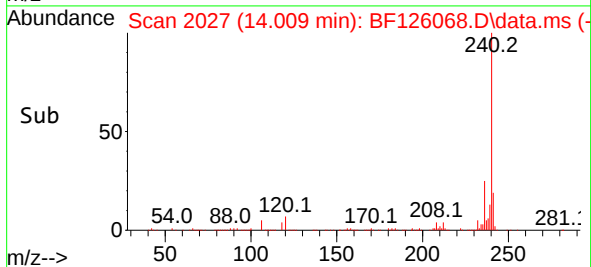
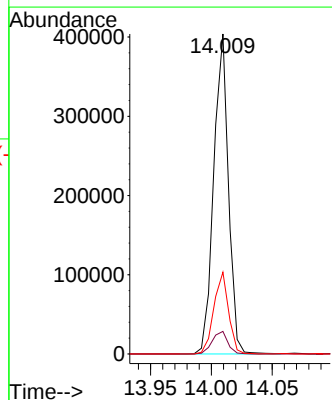
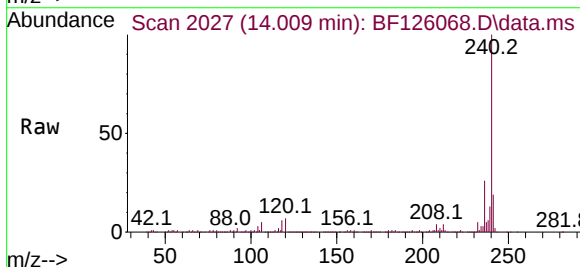
Instrument :
BNA_F
ClientSampleId :
TP-1

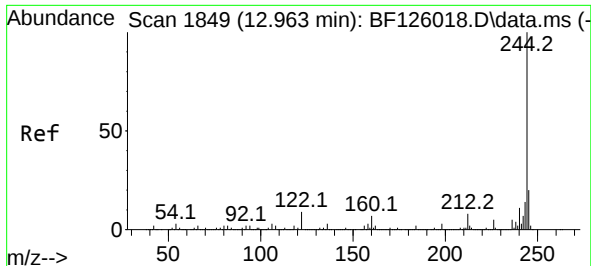
Tgt Ion:248 Resp: 16809
Ion Ratio Lower Upper
248 100
250 187.2 74.2 111.4#
141 480.8 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126068.D
Acq: 8 Nov 2021 16:42

Tgt Ion:240 Resp: 338724
Ion Ratio Lower Upper
240 100
120 7.1 10.8 16.2#
236 25.5 21.6 32.4

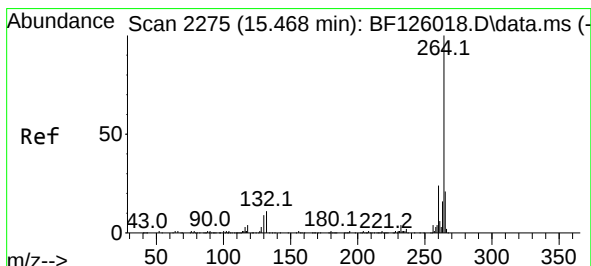
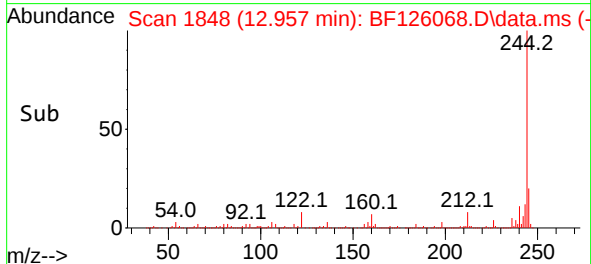
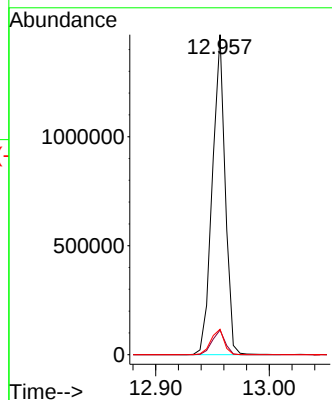
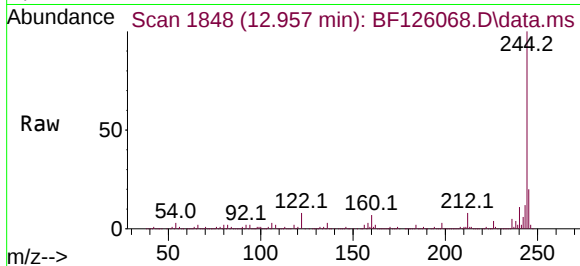




#79
 Terphenyl-d14
 Concen: 54.733 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126068.D
 Acq: 8 Nov 2021 16:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1149686
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 7.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126068.D
 Acq: 8 Nov 2021 16:42

Tgt Ion:264 Resp: 262128
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.6 29.4
 265 20.2 17.2 25.8

