

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126161.D
 Acq On : 12 Nov 2021 19:36
 Operator : JU/CG
 Sample : M4639-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-8/0.5-1.5

Quant Time: Nov 15 06:36:49 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)

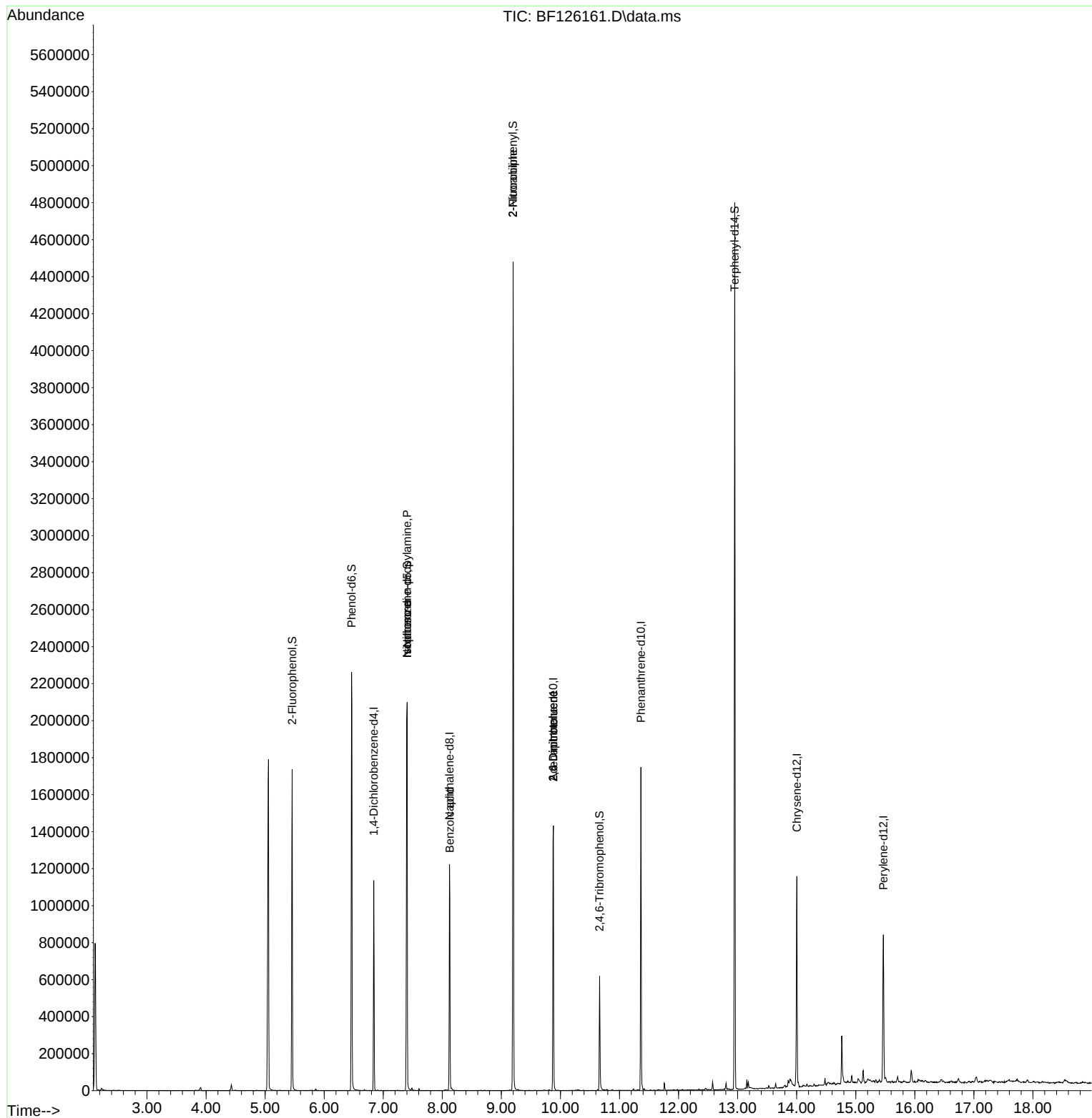
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	142206	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	511417	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	300920	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	564777	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	378487	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	364193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	362914	43.825	ng	0.00
7) Phenol-d6	6.463	99	663064	56.801	ng	-0.02
23) Nitrobenzene-d5	7.404	82	692973	63.903	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	67974	19.711	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1324898	59.498	ng	-0.02
79) Terphenyl-d14	12.951	244	1430803	60.959	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	1416	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	96716	12.568	ng	# 58
25) Isophorone	7.404	82	690227	35.352	ng	# 59
32) Benzoic acid	8.128	122	115	9.163	ng	# 1
48) 2-Nitroaniline	9.198	65	2411	3.228	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	39160	10.428	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	39160	9.927	ng	# 20

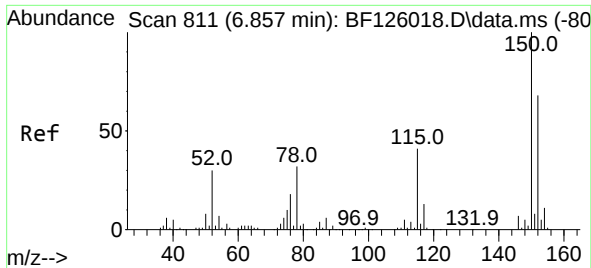
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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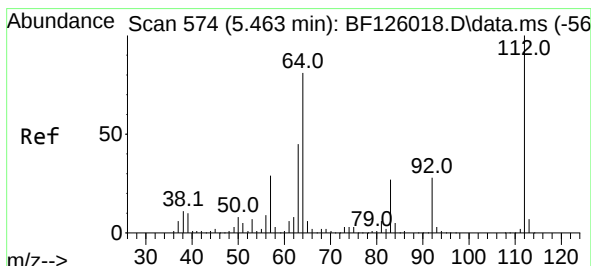
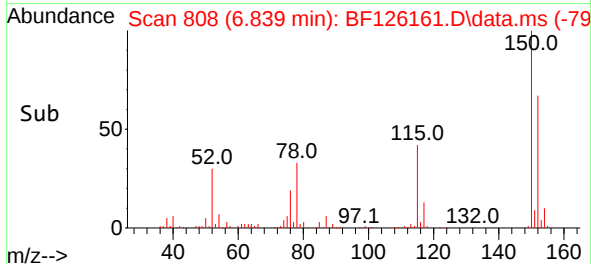
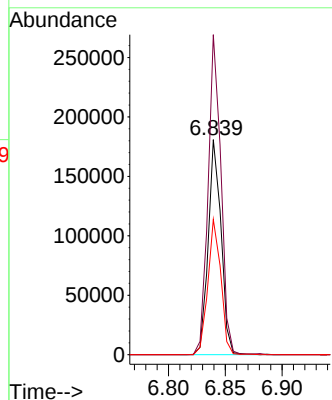
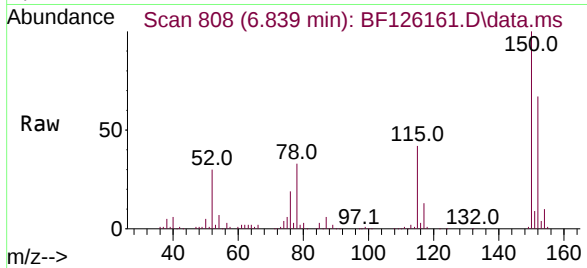




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

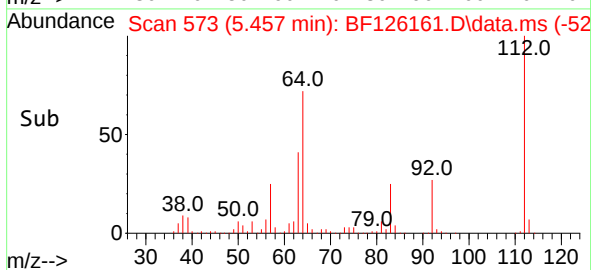
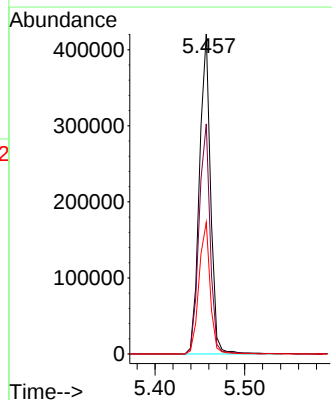
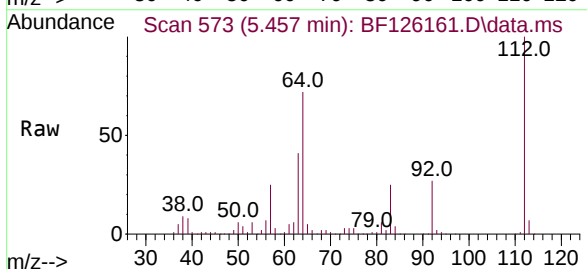
Instrument :
BNA_F
ClientSampleId :
TT-8/0.5-1.5

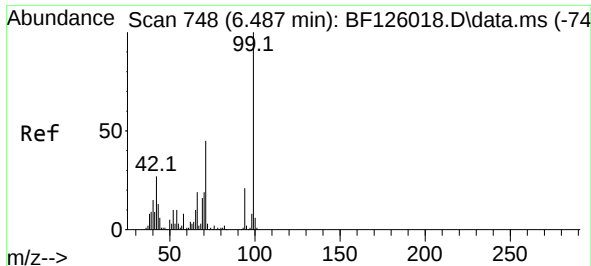
Tgt Ion:152 Resp: 142206
Ion Ratio Lower Upper
152 100
150 148.8 117.6 176.4
115 62.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.825 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

Tgt Ion:112 Resp: 362914
Ion Ratio Lower Upper
112 100
64 71.9 44.2 66.2#
63 41.1 26.2 39.2#

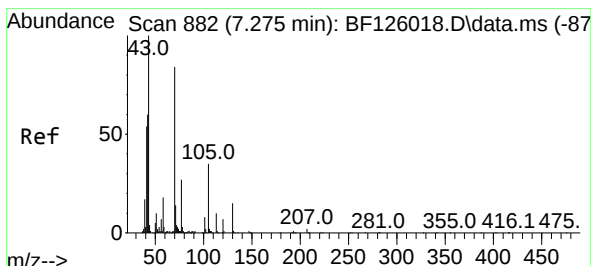
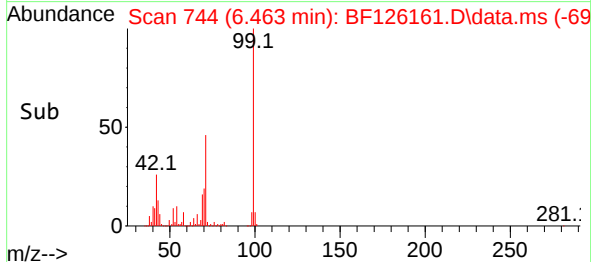
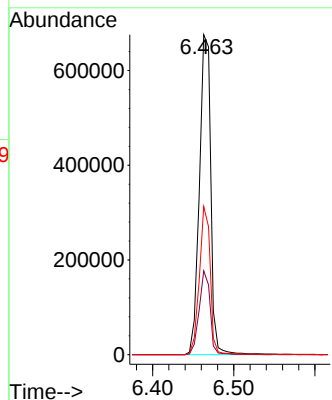
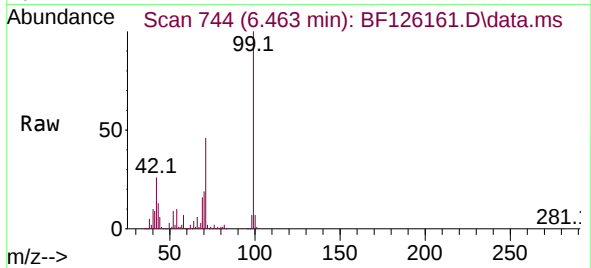




#7
Phenol-d6
Concen: 56.801 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

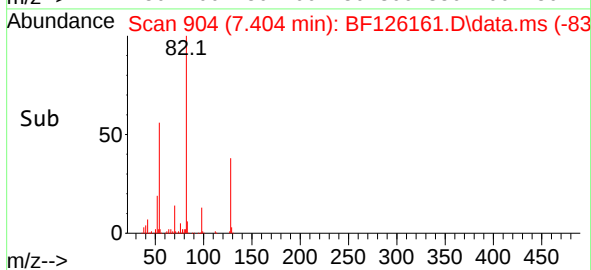
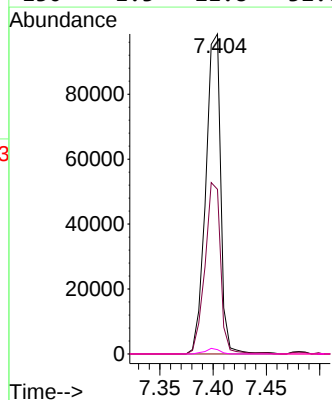
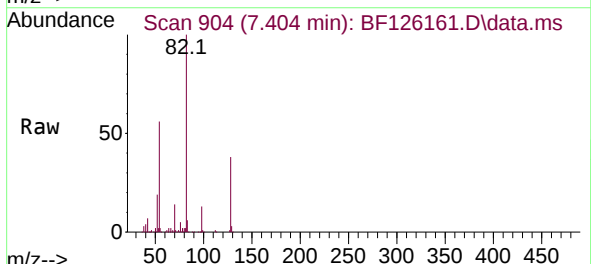
Instrument :
BNA_F
ClientSampleId :
TT-8/0.5-1.5

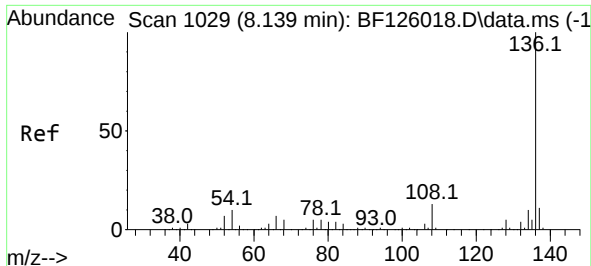
Tgt Ion: 99 Resp: 663064
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 46.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.568 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

Tgt Ion: 70 Resp: 96716
Ion Ratio Lower Upper
70 100
42 51.4 72.2 108.2#
101 0.0 7.8 11.8#
130 1.3 21.8 32.6#

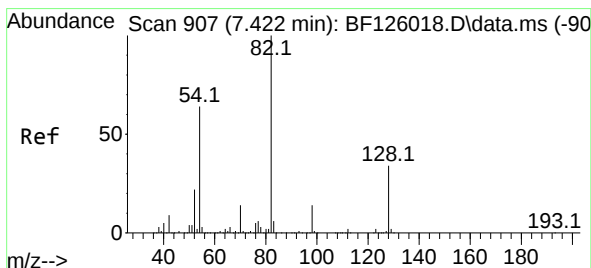
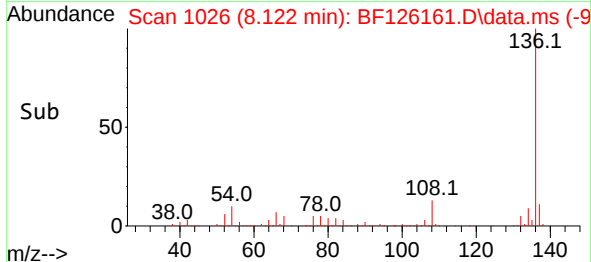
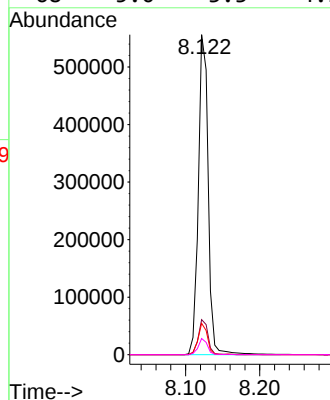
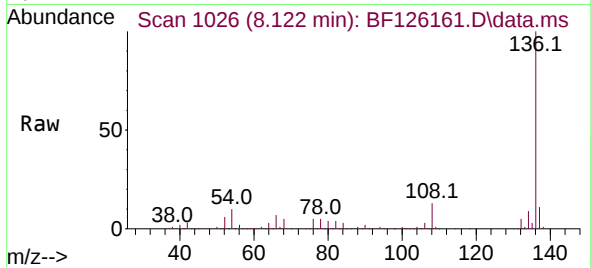




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

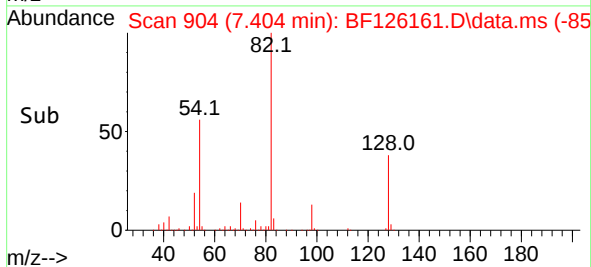
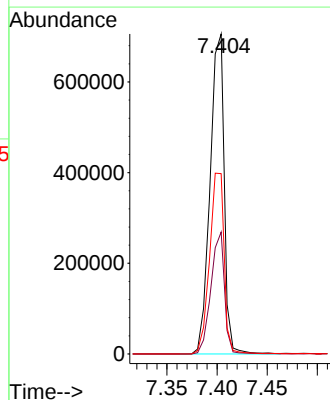
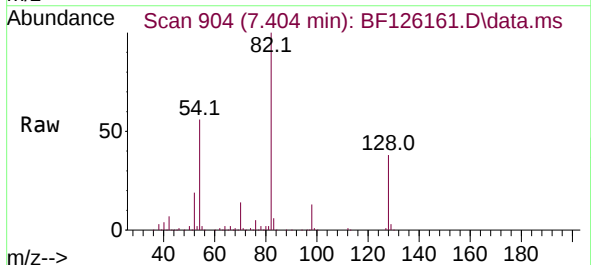
Instrument :
BNA_F
ClientSampleId :
TT-8/0.5-1.5

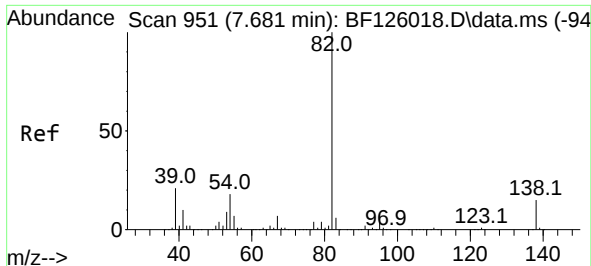
Tgt Ion:136 Resp: 511417
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.8 6.4 9.6#
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 63.903 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

Tgt Ion: 82 Resp: 692973
Ion Ratio Lower Upper
82 100
128 38.1 40.6 60.8#
54 56.3 49.6 74.4

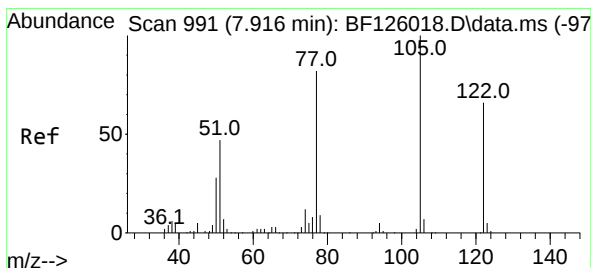
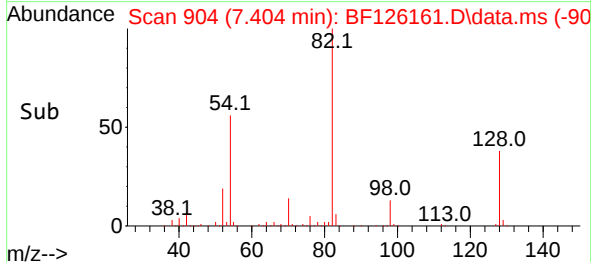
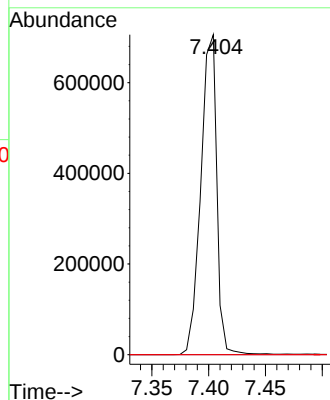
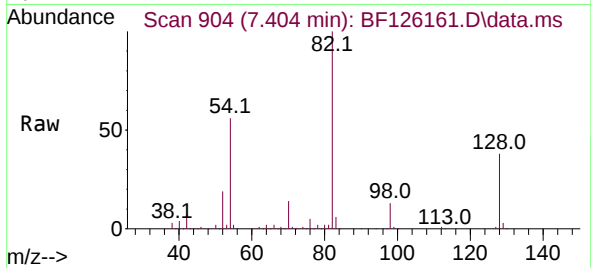




#25
Isophorone
Concen: 35.352 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

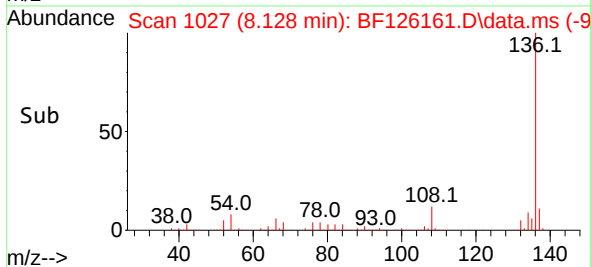
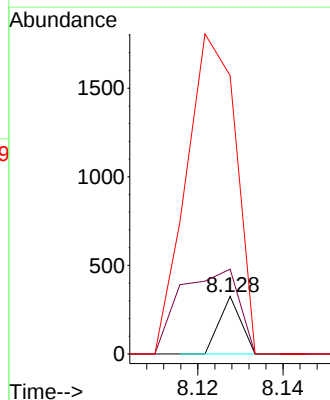
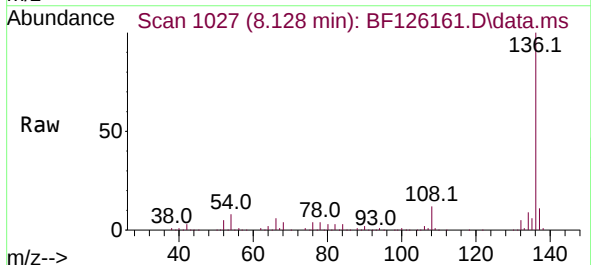
Instrument :
BNA_F
ClientSampleId :
TT-8/0.5-1.5

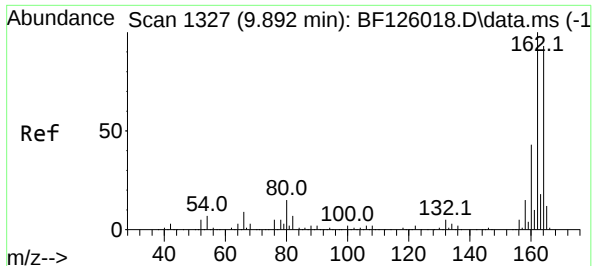
Tgt Ion: 82 Resp: 690227
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.163 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.212 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

Tgt Ion: 122 Resp: 115
Ion Ratio Lower Upper
122 100
105 147.4 97.6 137.6#
77 483.4 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF126161.D

Acq: 12 Nov 2021 19:36

Instrument :

BNA_F

ClientSampleId :

TT-8/0.5-1.5

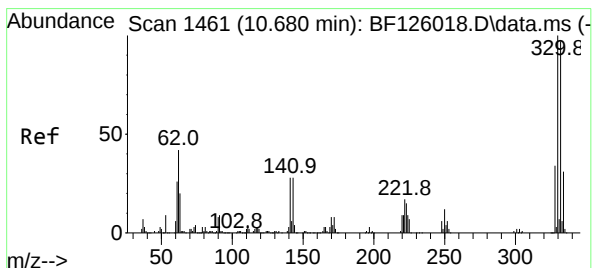
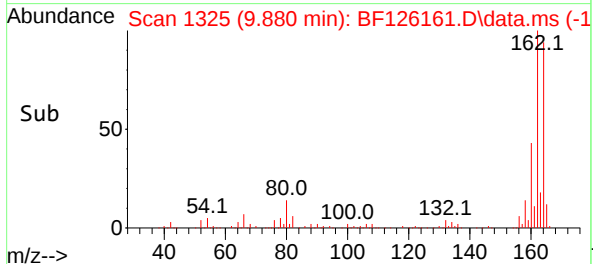
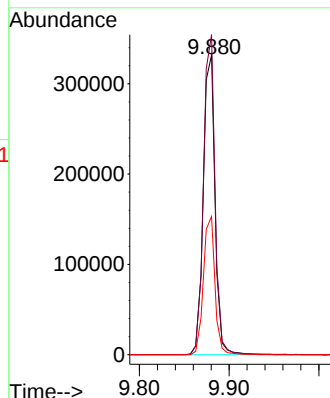
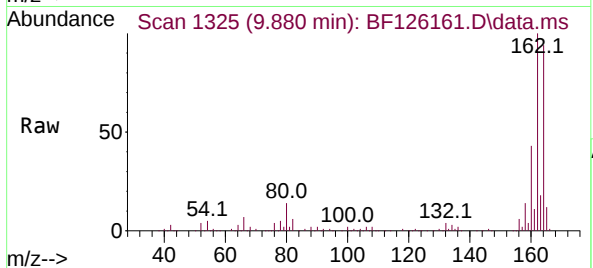
Tgt Ion:164 Resp: 300920

Ion Ratio Lower Upper

164 100

162 106.8 81.3 121.9

160 46.1 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 19.711 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.018 min

Lab File: BF126161.D

Acq: 12 Nov 2021 19:36

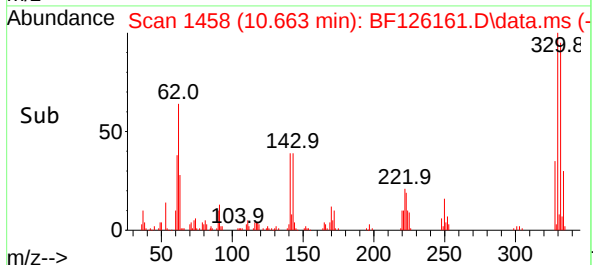
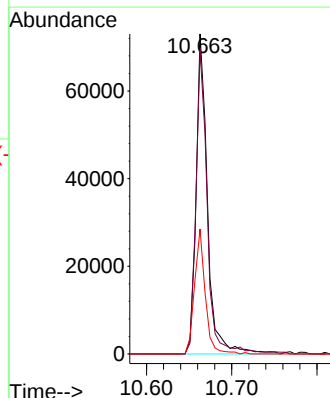
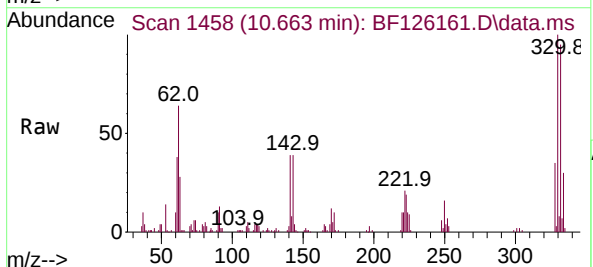
Tgt Ion:330 Resp: 67974

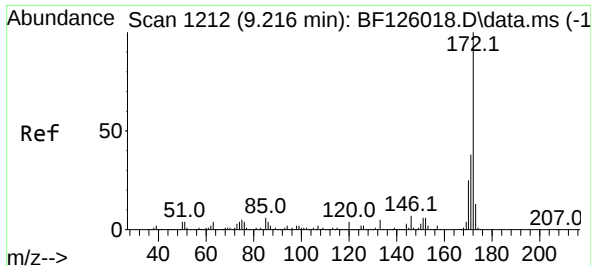
Ion Ratio Lower Upper

330 100

332 94.2 76.2 114.4

141 36.7 44.6 66.8#

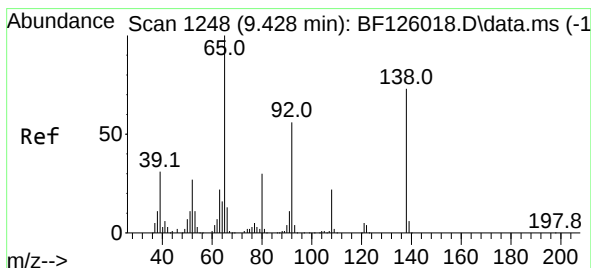
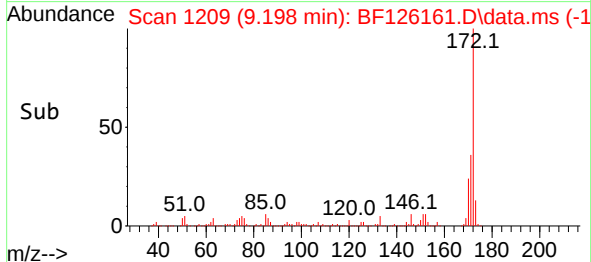
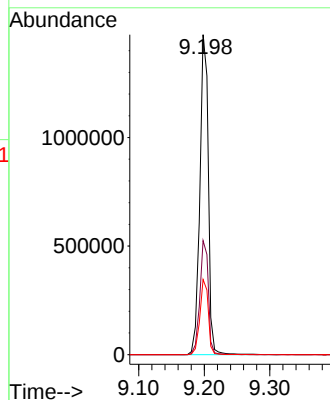
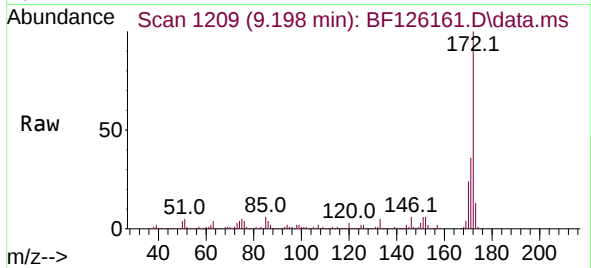




#45
2-Fluorobiphenyl
Concen: 59.498 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

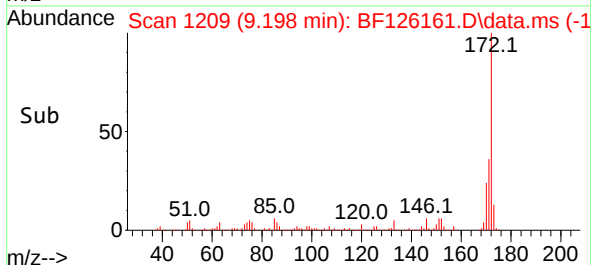
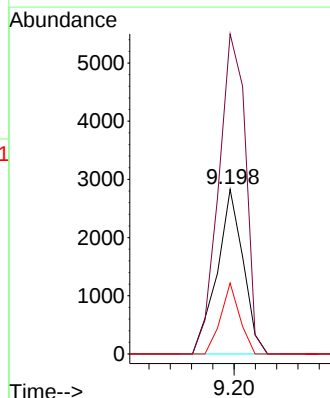
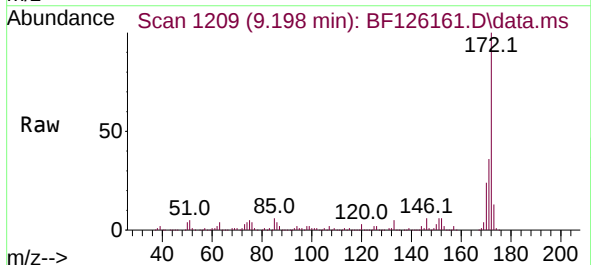
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TT-8/0.5-1.5

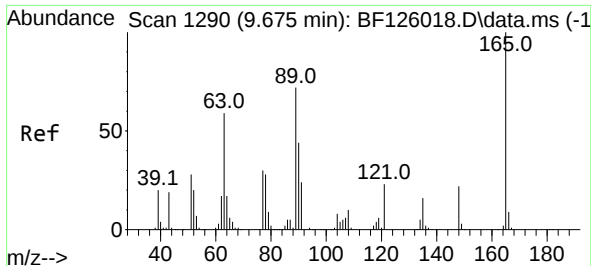
Tgt Ion:172 Resp: 1324898
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 23.5 18.8 28.2



#48
2-Nitroaniline
Concen: 3.228 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.230 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

Tgt Ion: 65 Resp: 2411
Ion Ratio Lower Upper
65 100
92 194.3 55.5 83.3#
138 43.0 93.5 140.3#

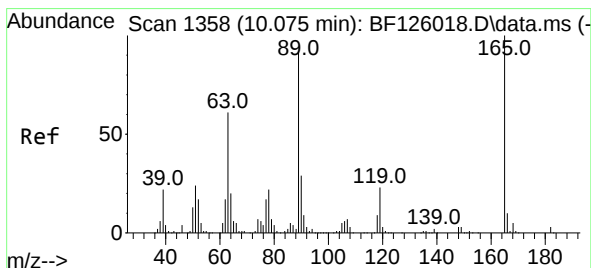
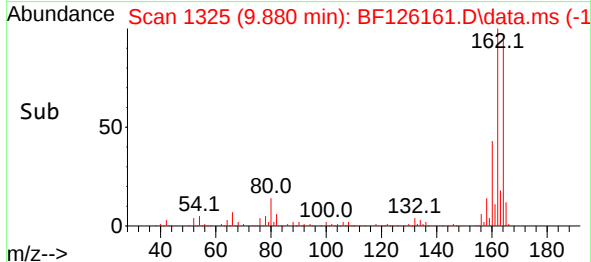
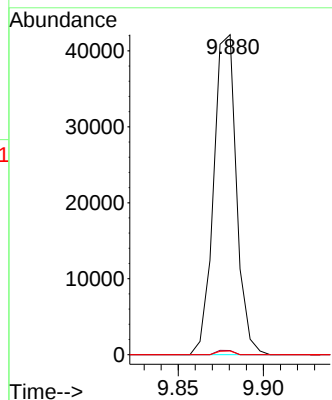
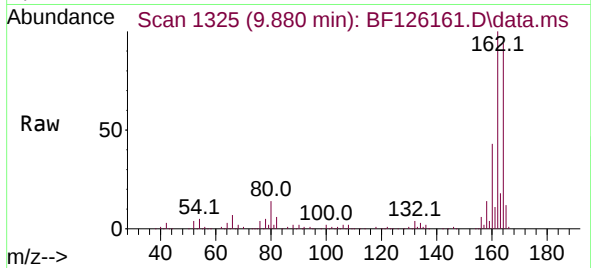




#51
2,6-Dinitrotoluene
Concen: 10.428 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.205 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

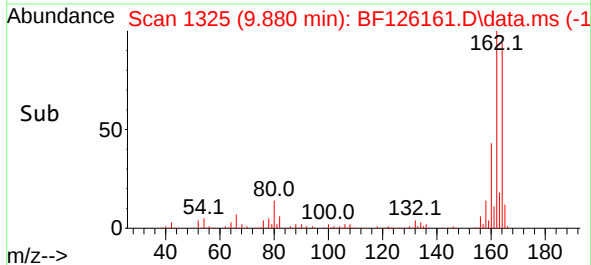
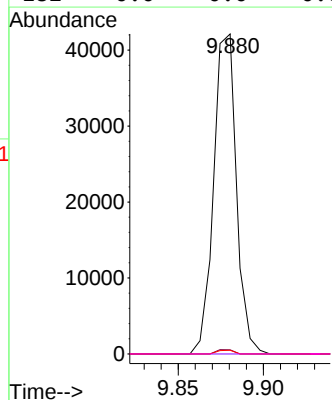
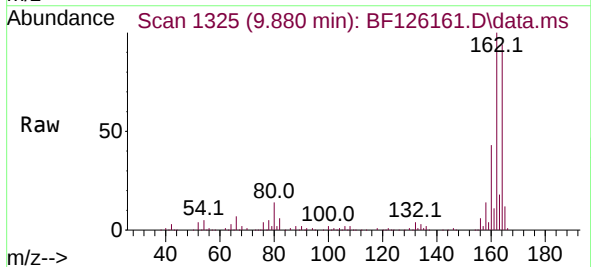
Instrument :
BNA_F
ClientSampleId :
TT-8/0.5-1.5

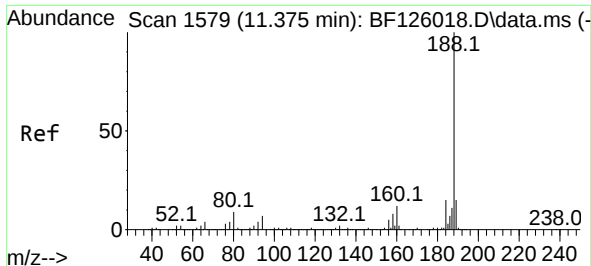
Tgt Ion:165 Resp: 39160
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.927 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.195 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

Tgt Ion:165 Resp: 39160
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

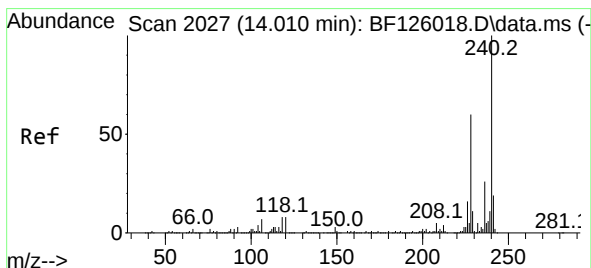
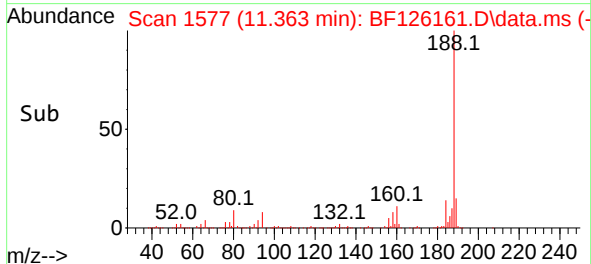
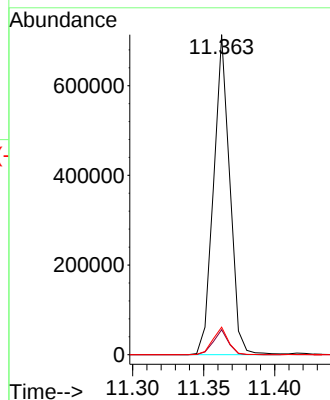
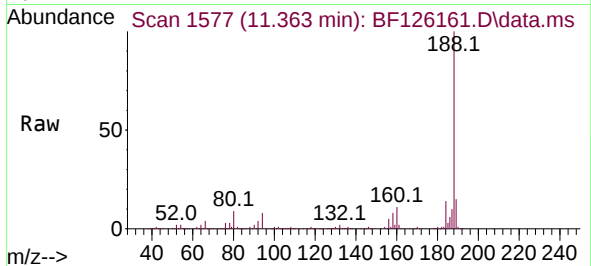




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

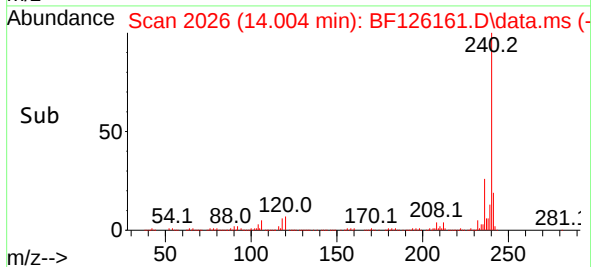
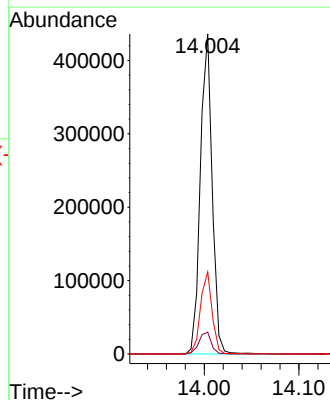
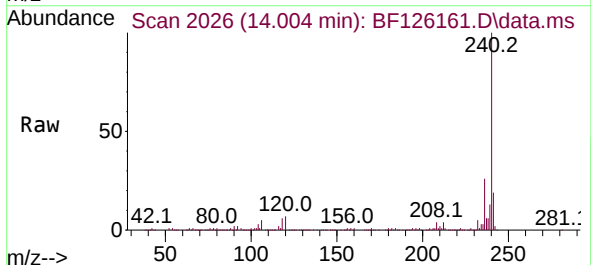
Instrument :
BNA_F
ClientSampleId :
TT-8/0.5-1.5

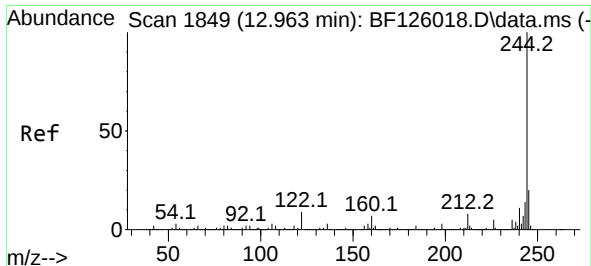
Tgt Ion:188 Resp: 564777
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.6 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126161.D
Acq: 12 Nov 2021 19:36

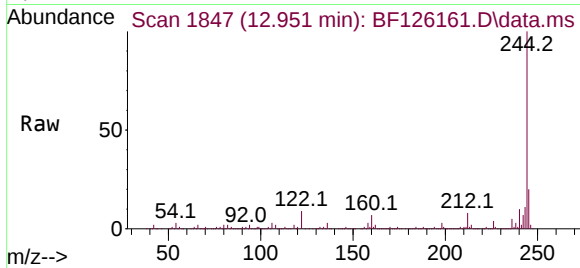
Tgt Ion:240 Resp: 378487
Ion Ratio Lower Upper
240 100
120 6.8 10.8 16.2#
236 25.6 21.6 32.4



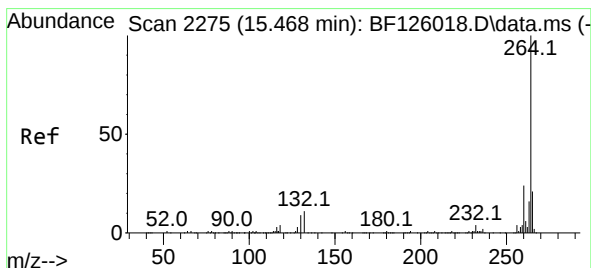
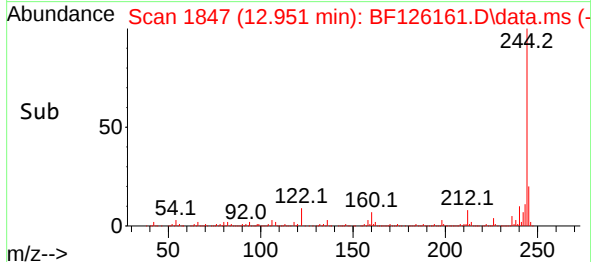
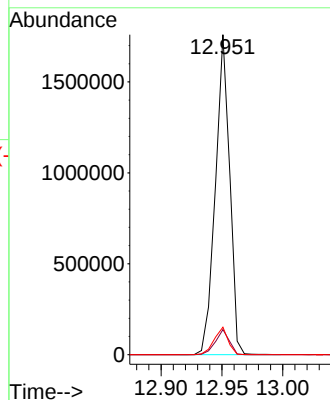


#79
 Terphenyl-d14
 Concen: 60.959 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.012 min
 Lab File: BF126161.D
 Acq: 12 Nov 2021 19:36

Instrument :
 BNA_F
 ClientSampleId :
 TT-8/0.5-1.5



Tgt Ion:244 Resp: 1430803
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.9 8.9
 122 8.6 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: BF126161.D
 Acq: 12 Nov 2021 19:36

Tgt Ion:264 Resp: 364193
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.2 17.2 25.8

