

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126153.D
 Acq On : 12 Nov 2021 13:10
 Operator : JU/CG
 Sample : M4607-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 21501

Quant Time: Nov 15 06:35:39 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)

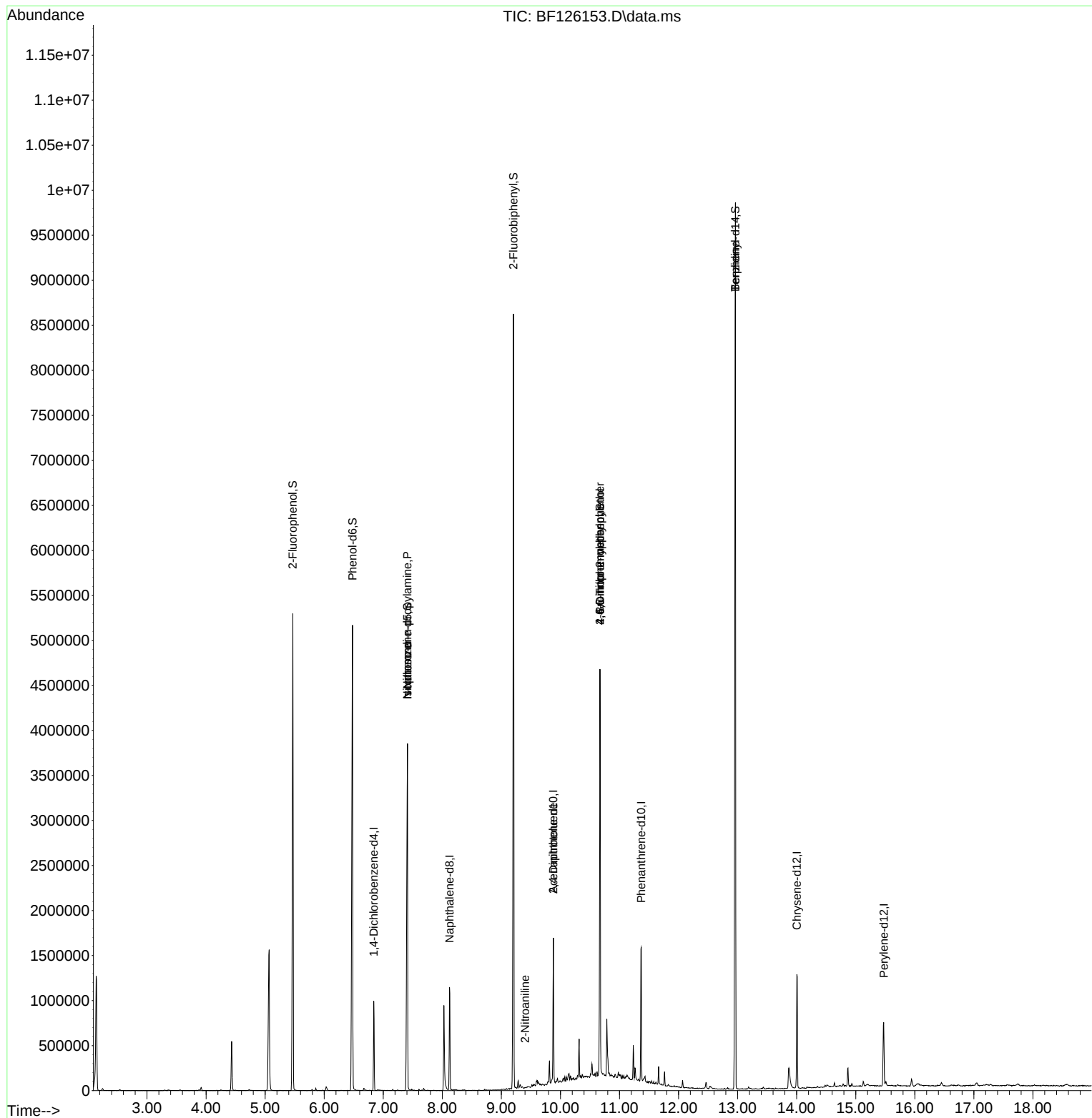
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	130488	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	481814	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	290046	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	548950	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	469759	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	338661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1269471	167.068	ng	0.00
7) Phenol-d6	6.481	99	1805411	168.550	ng	0.00
23) Nitrobenzene-d5	7.410	82	1362392	133.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	509716	153.347	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	2624126	122.261	ng	-0.01
79) Terphenyl-d14	12.963	244	3424293	117.546	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.392	77	177	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.410	70	199161	28.204	ng	# 58
25) Isophorone	7.410	82	1359168	73.891	ng	# 59
48) 2-Nitroaniline	9.404	65	367	2.909	ng	# 1
57) 2,4-Dinitrotoluene	9.880	165	36713	9.742	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	1330	8.733	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	33330	5.013	ng	# 1
77) Benzidine	12.963	184	54509	3.471	ng	# 94

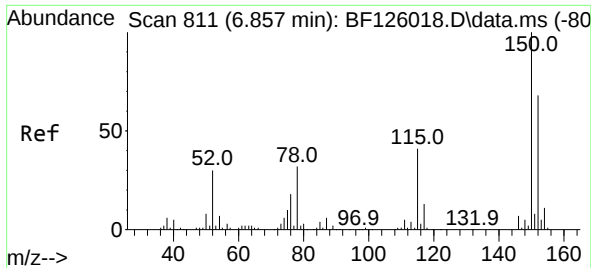
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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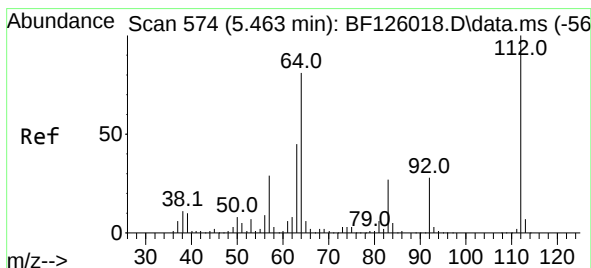
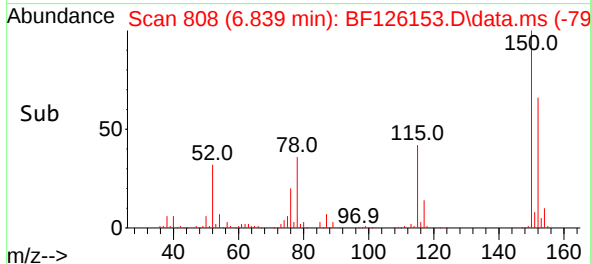
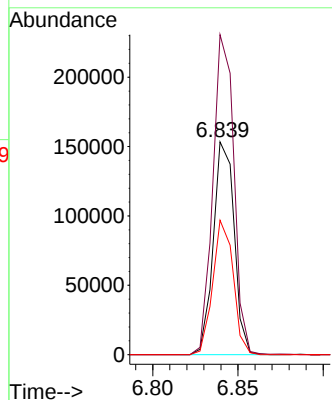
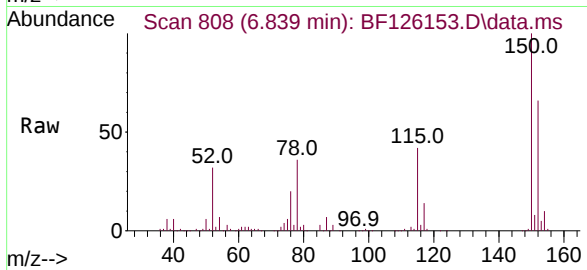




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

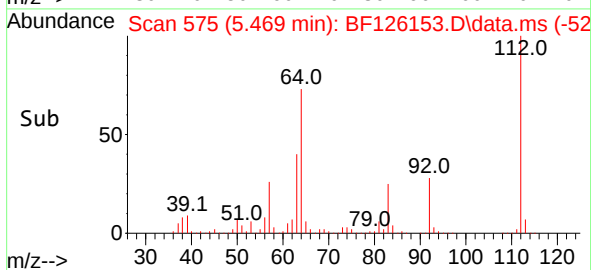
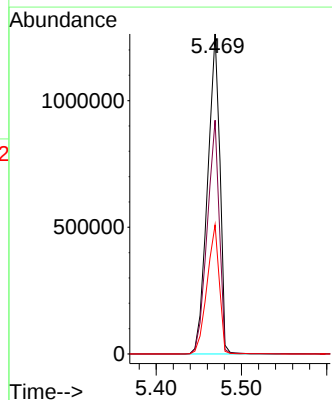
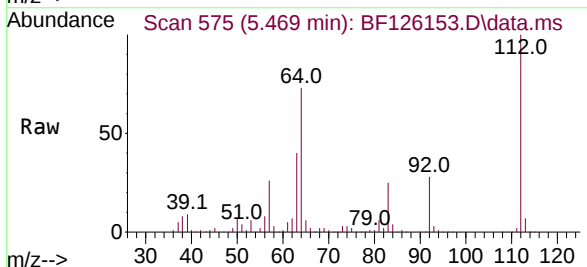
Instrument :
BNA_F
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21501

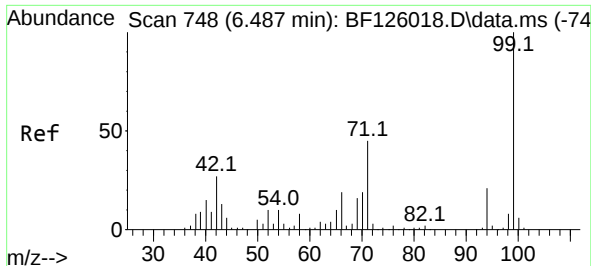
Tgt Ion:152 Resp: 130488
Ion Ratio Lower Upper
152 100
150 150.4 117.6 176.4
115 63.2 47.1 70.7



#5
2-Fluorophenol
Concen: 167.068 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion:112 Resp: 1269471
Ion Ratio Lower Upper
112 100
64 73.0 44.2 66.2#
63 40.3 26.2 39.2#

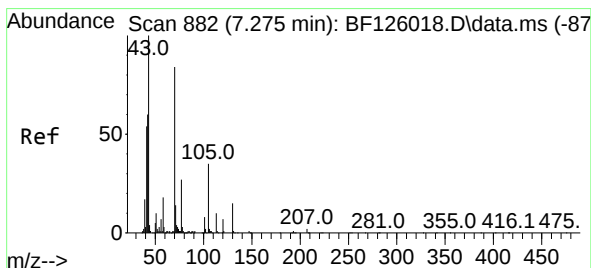
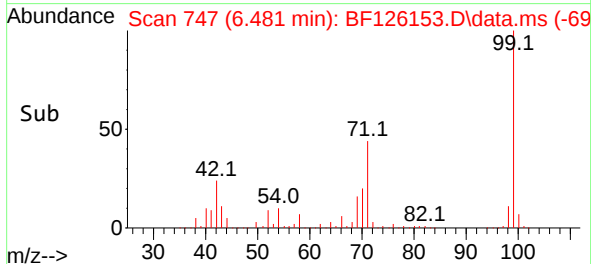
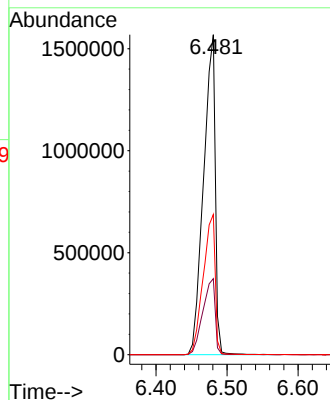
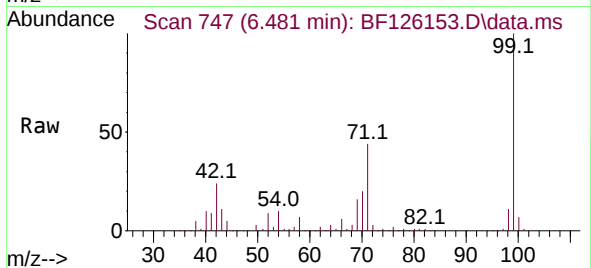




#7
Phenol-d6
Concen: 168.550 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

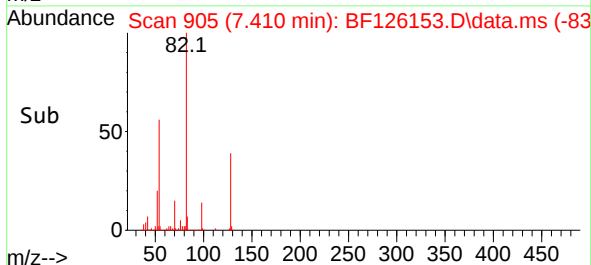
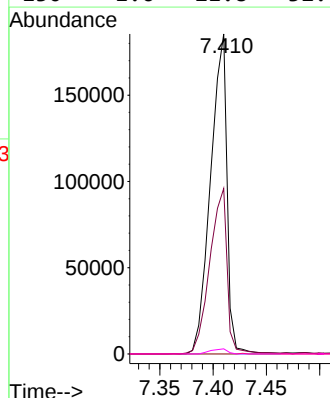
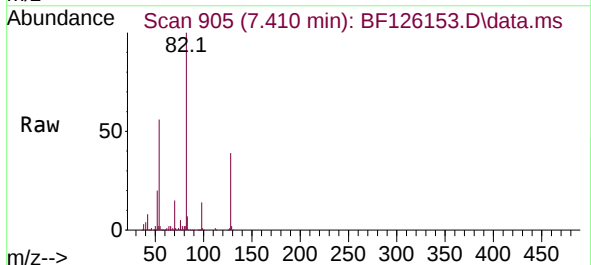
Instrument :
BNA_F
ClientSampleId :
21501

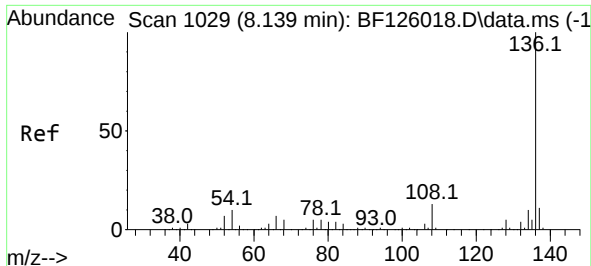
Tgt Ion: 99 Resp: 1805411
Ion Ratio Lower Upper
99 100
42 23.8 23.5 35.3
71 43.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 28.204 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion: 70 Resp: 199161
Ion Ratio Lower Upper
70 100
42 51.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

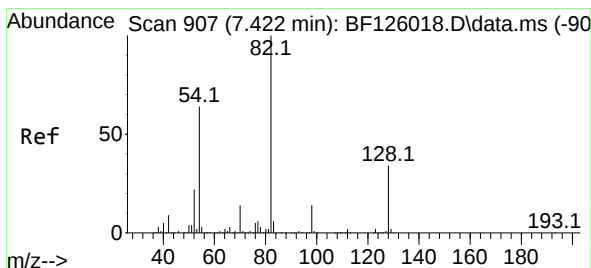
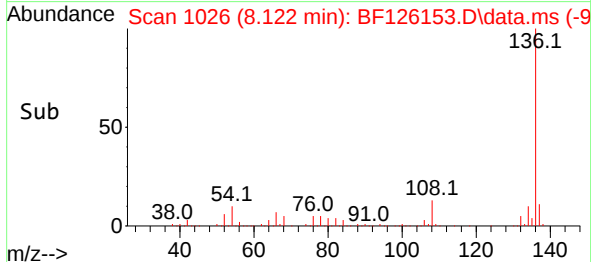
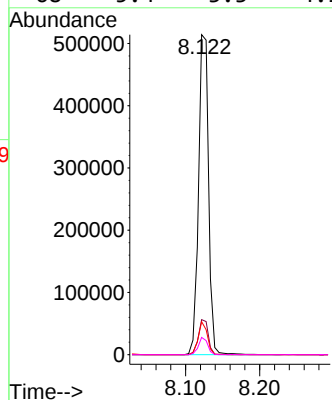
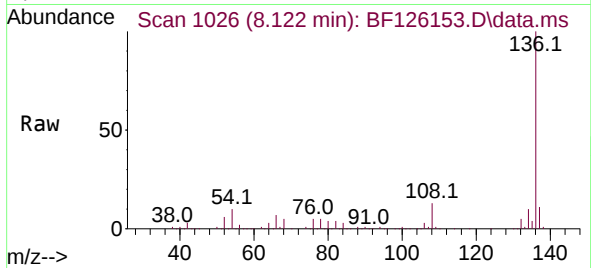




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

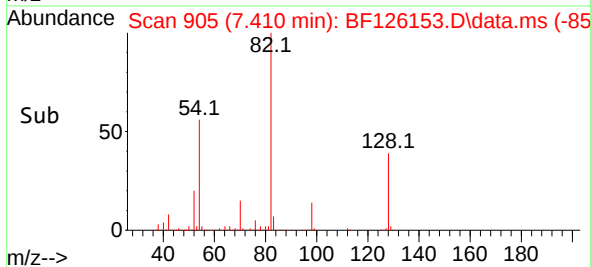
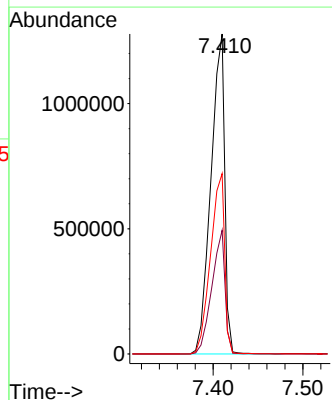
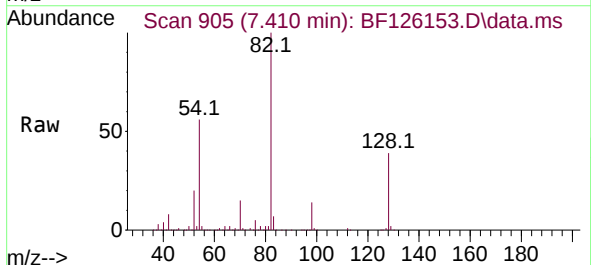
Instrument :
BNA_F
ClientSampleId :
21501

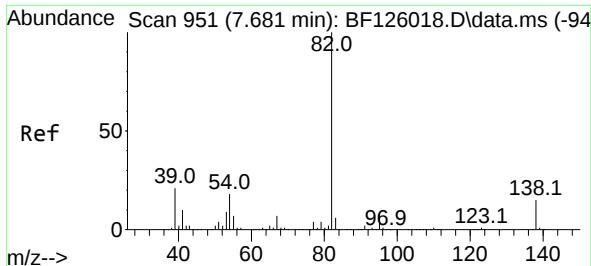
Tgt Ion:136 Resp: 481814
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.3 6.4 9.6#
68 5.4 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 133.352 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion: 82 Resp: 1362392
Ion Ratio Lower Upper
82 100
128 38.7 40.6 60.8#
54 56.4 49.6 74.4

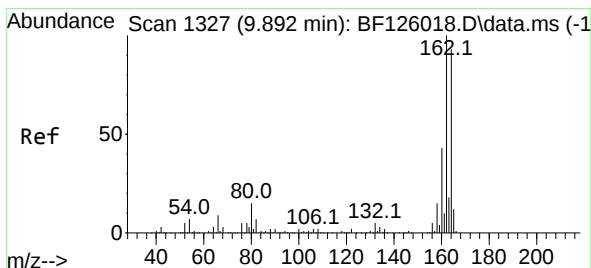
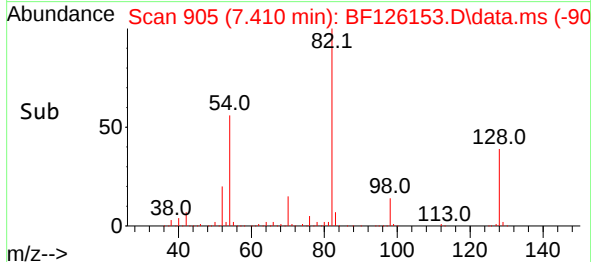
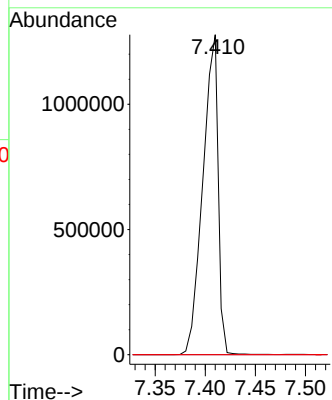
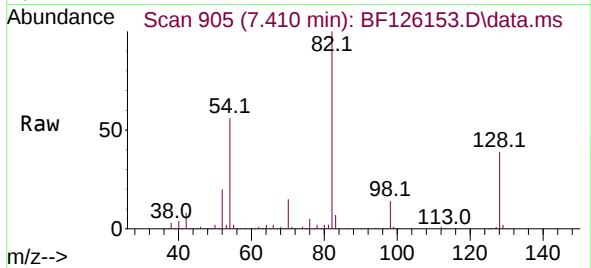




#25
Isophorone
Concen: 73.891 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

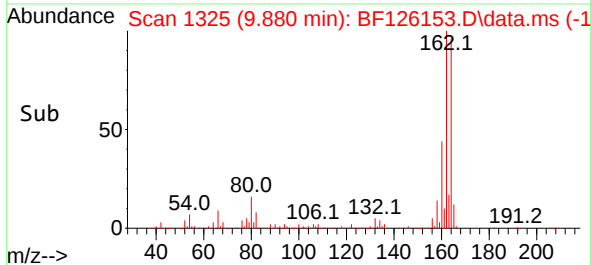
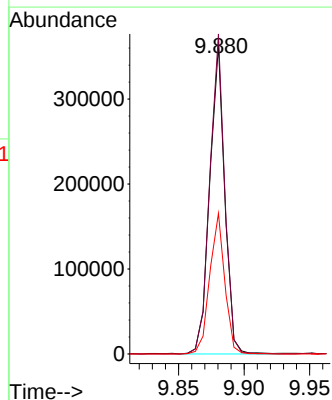
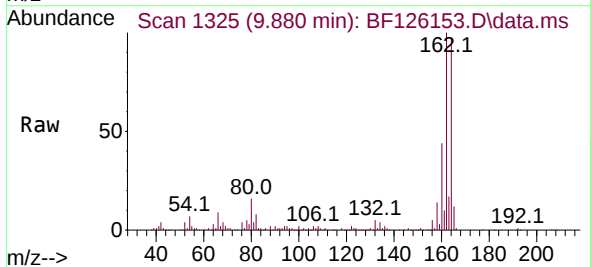
Instrument :
BNA_F
ClientSampleId :
21501

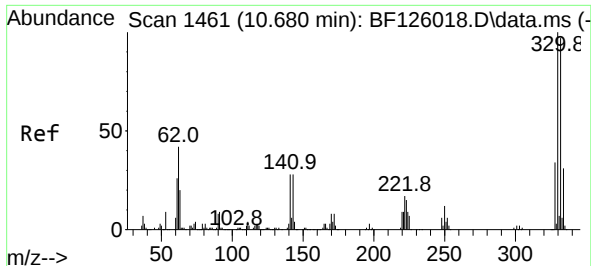
Tgt Ion: 82 Resp: 1359168
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

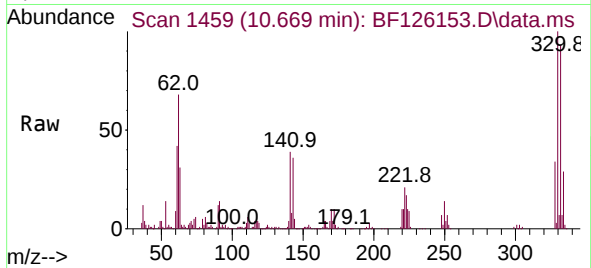
Tgt Ion:164 Resp: 290046
Ion Ratio Lower Upper
164 100
162 103.6 81.3 121.9
160 45.5 38.0 57.0



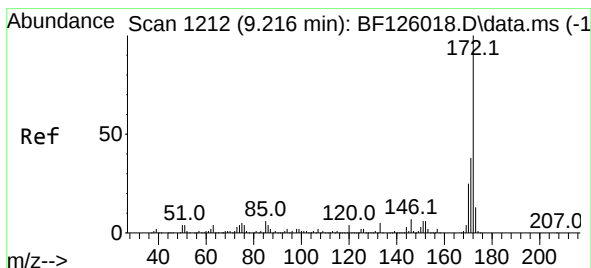
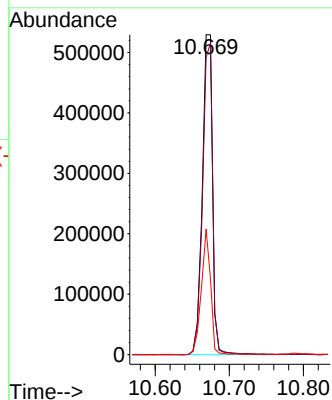
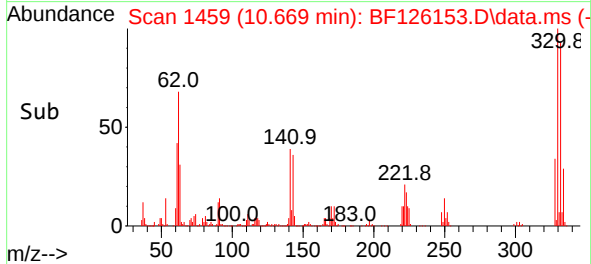


#42
2,4,6-Tribromophenol
Concen: 153.347 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

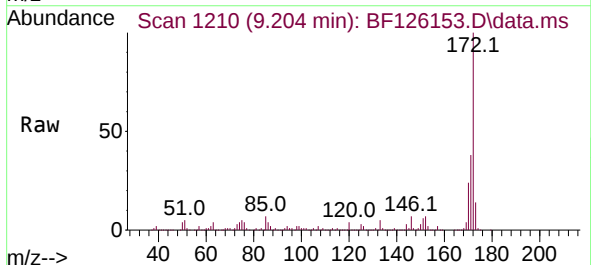
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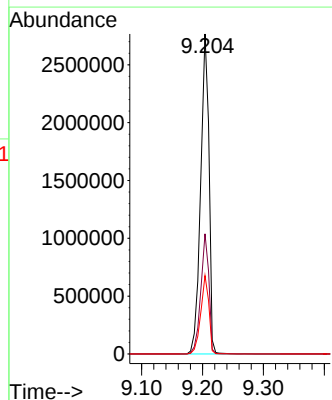
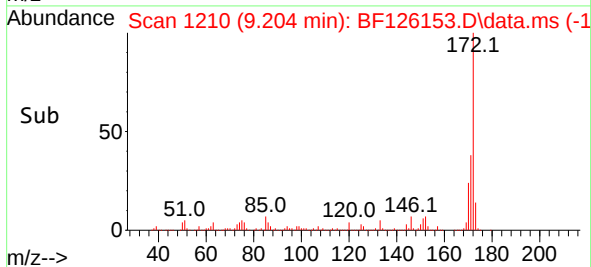
Tgt Ion: 330 Resp: 509716
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 35.2 44.6 66.8#

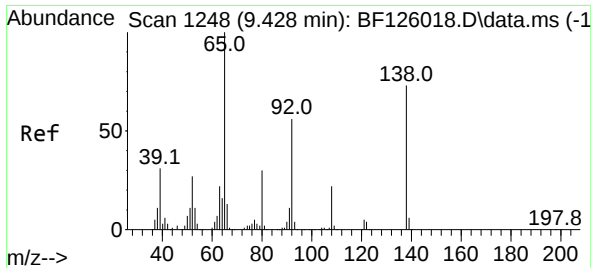


#45
2-Fluorobiphenyl
Concen: 122.261 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10



Tgt Ion: 172 Resp: 2624126
Ion Ratio Lower Upper
172 100
171 37.6 26.5 39.7
170 24.5 18.8 28.2

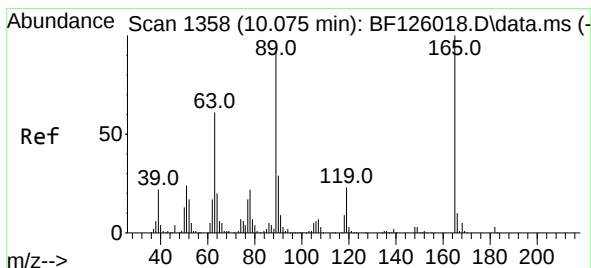
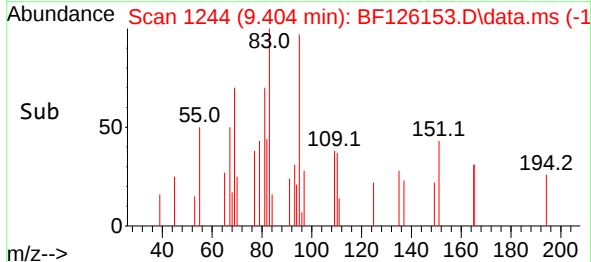
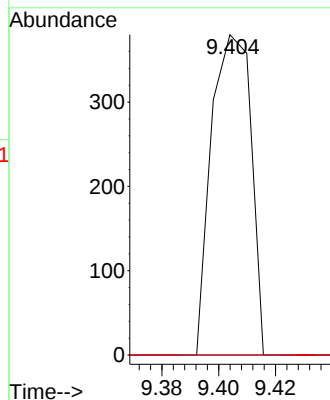
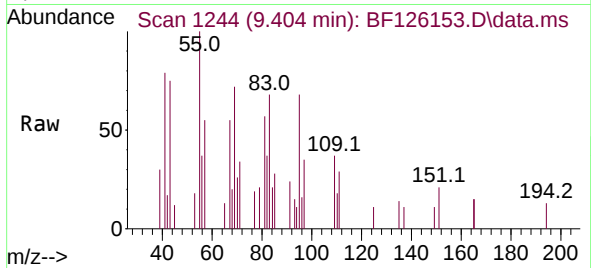




#48
2-Nitroaniline
Concen: 2.909 ng
RT: 9.404 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

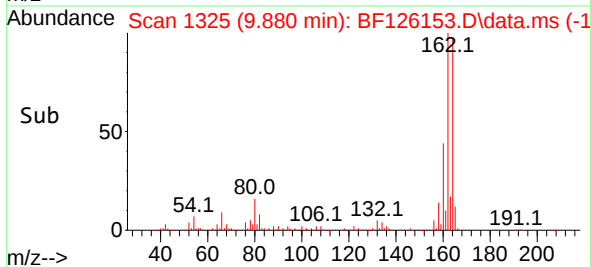
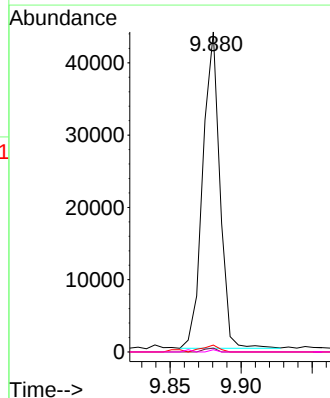
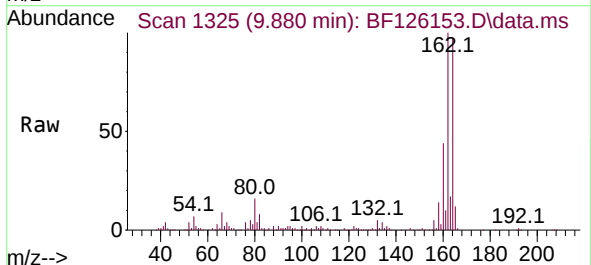
Instrument :
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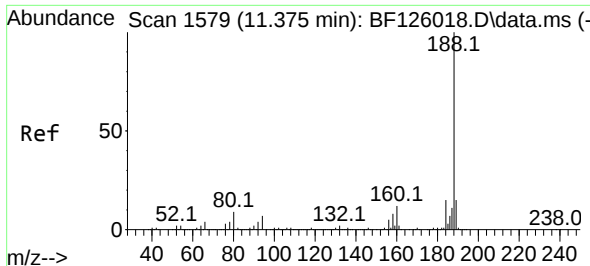
Tgt Ion: 65 Resp: 367
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#57
2,4-Dinitrotoluene
Concen: 9.742 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.195 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion:165 Resp: 36713
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 2.1 59.7 89.5#
182 0.7 0.0 0.0#

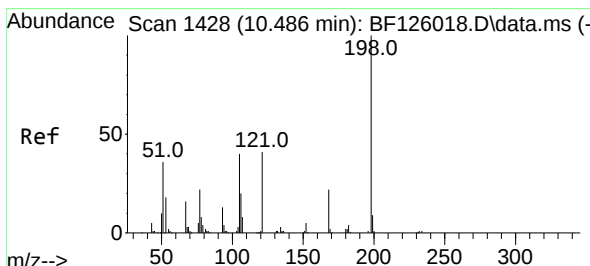
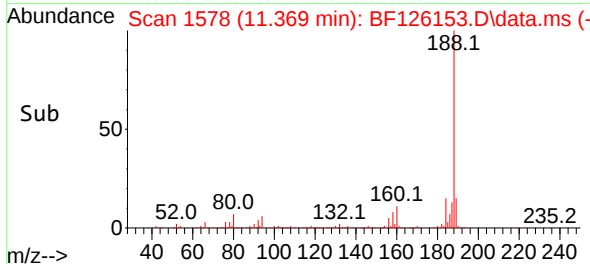
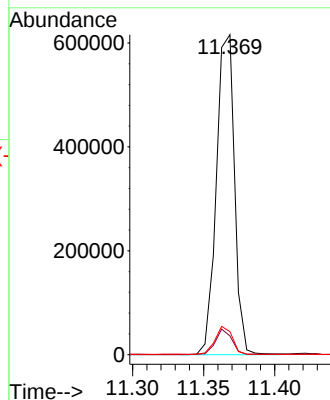
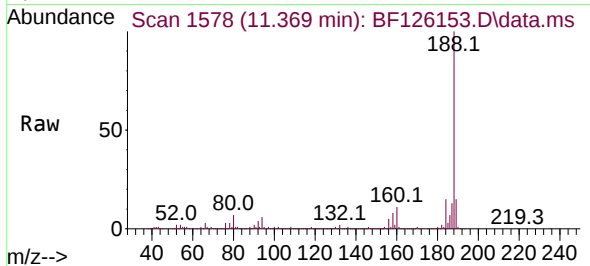




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.369 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126153.D
 Acq: 12 Nov 2021 13:10

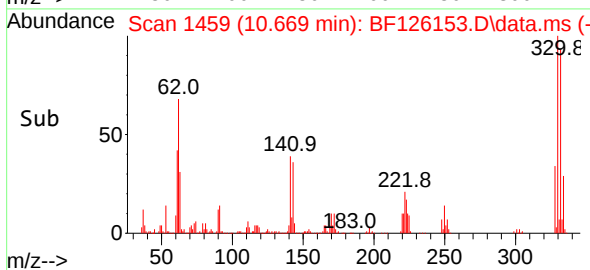
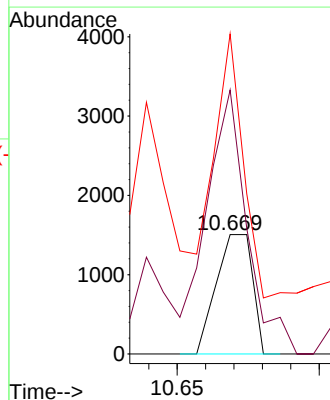
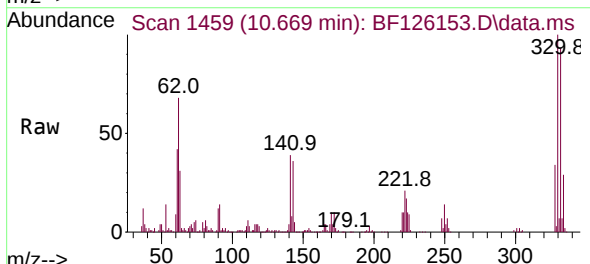
Instrument :
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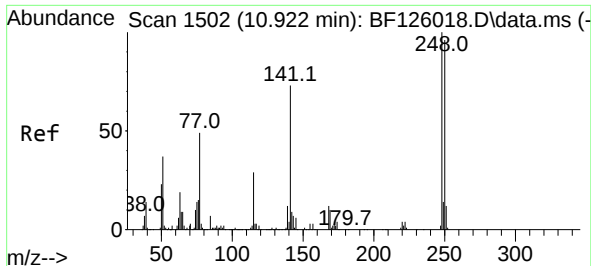
Tgt Ion:188 Resp: 548950
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.7 10.1#
 80 7.2 7.5 11.3#



#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.733 ng
 RT: 10.669 min Scan# 1459
 Delta R.T. 0.183 min
 Lab File: BF126153.D
 Acq: 12 Nov 2021 13:10

Tgt Ion:198 Resp: 1330
 Ion Ratio Lower Upper
 198 100
 51 221.3 45.3 85.3#
 105 268.2 30.6 70.6#

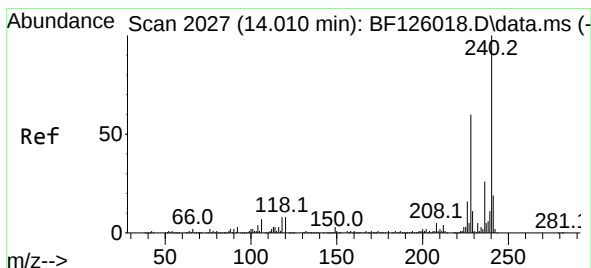
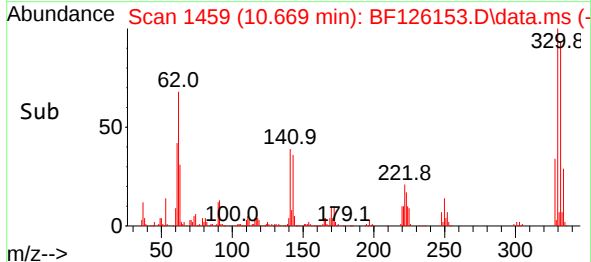
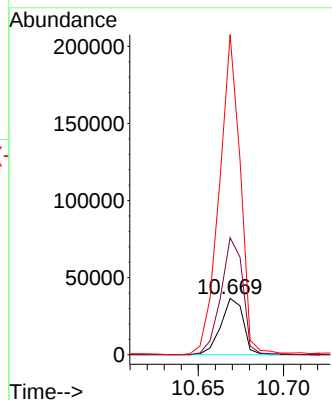
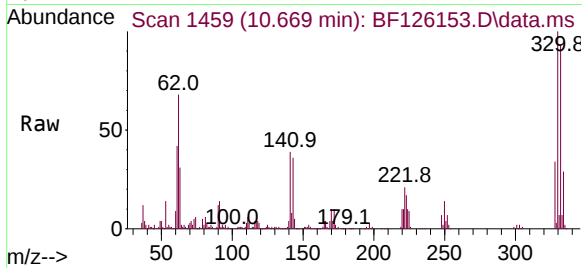




#67
4-Bromophenyl-phenylether
Concen: 5.013 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

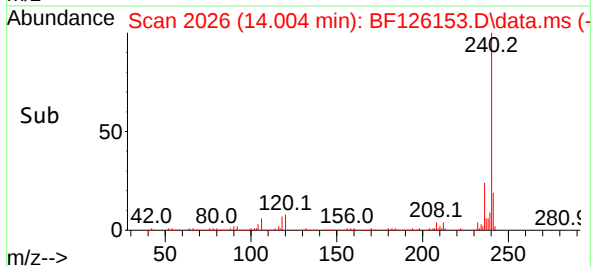
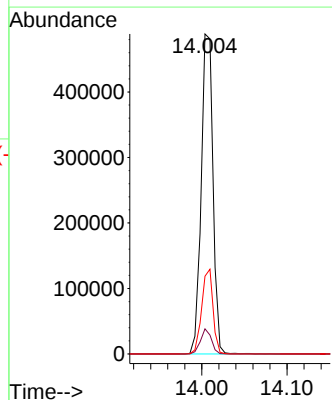
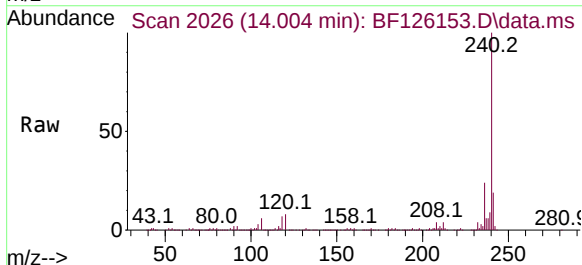
Instrument :
BNA_F
ClientSampleId :
21501

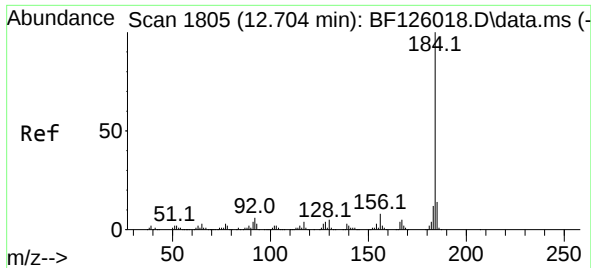
Tgt Ion:248 Resp: 33330
Ion Ratio Lower Upper
248 100
250 207.7 74.2 111.4#
141 568.5 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Tgt Ion:240 Resp: 469759
Ion Ratio Lower Upper
240 100
120 7.8 10.8 16.2#
236 24.3 21.6 32.4

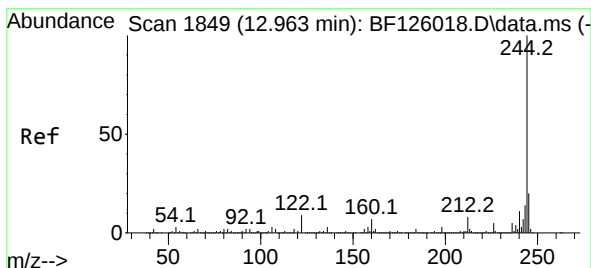
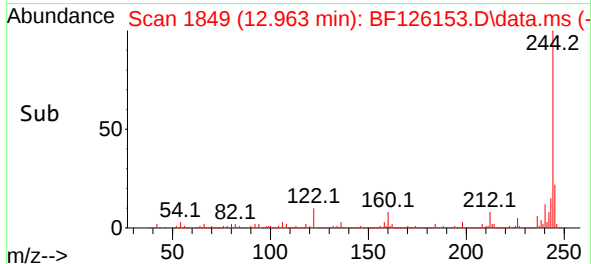
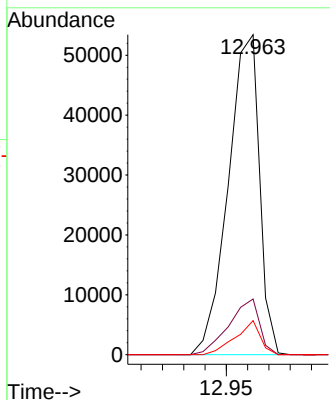
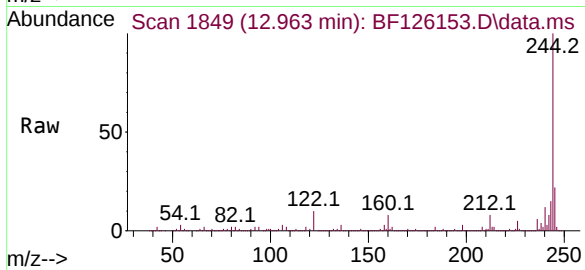




#77
Benzidine
Concen: 3.471 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.259 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

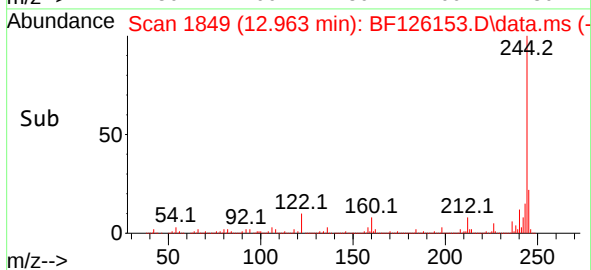
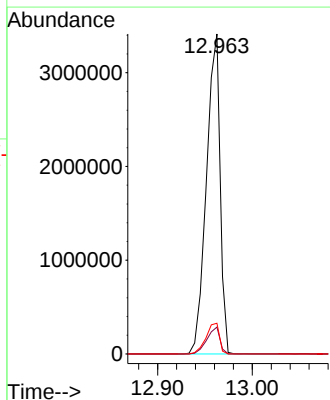
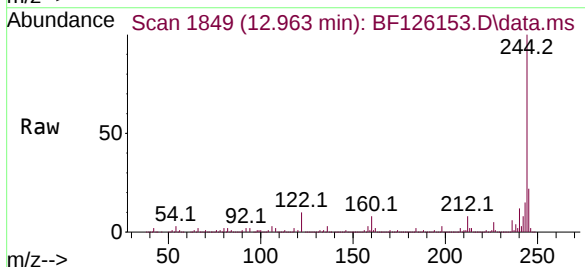
Instrument :
BNA_F
ClientSampleId :
21501

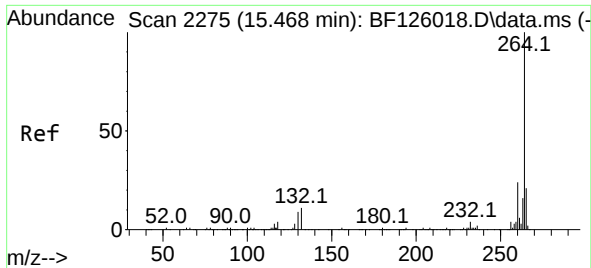
Tgt Ion:184 Resp: 54509
Ion Ratio Lower Upper
184 100
185 17.4 10.8 16.2#
183 10.7 8.1 12.1



#79
Terphenyl-d14
Concen: 117.546 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

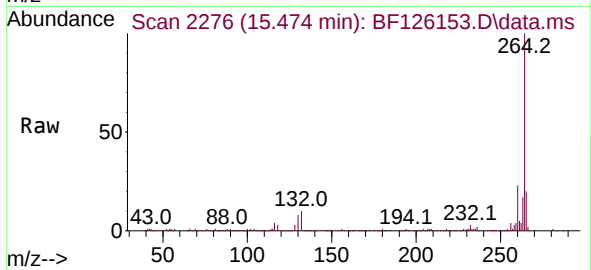
Tgt Ion:244 Resp: 3424293
Ion Ratio Lower Upper
244 100
212 8.4 5.9 8.9
122 9.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126153.D
Acq: 12 Nov 2021 13:10

Instrument :
BNA_F
ClientSampleId :
21501



Tgt Ion:264 Resp: 338661
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.4 17.2 25.8

