

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126843.D
 Acq On : 10 Feb 2022 15:02
 Operator : CG\JU
 Sample : N1432-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Quant Time: Feb 10 17:21:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

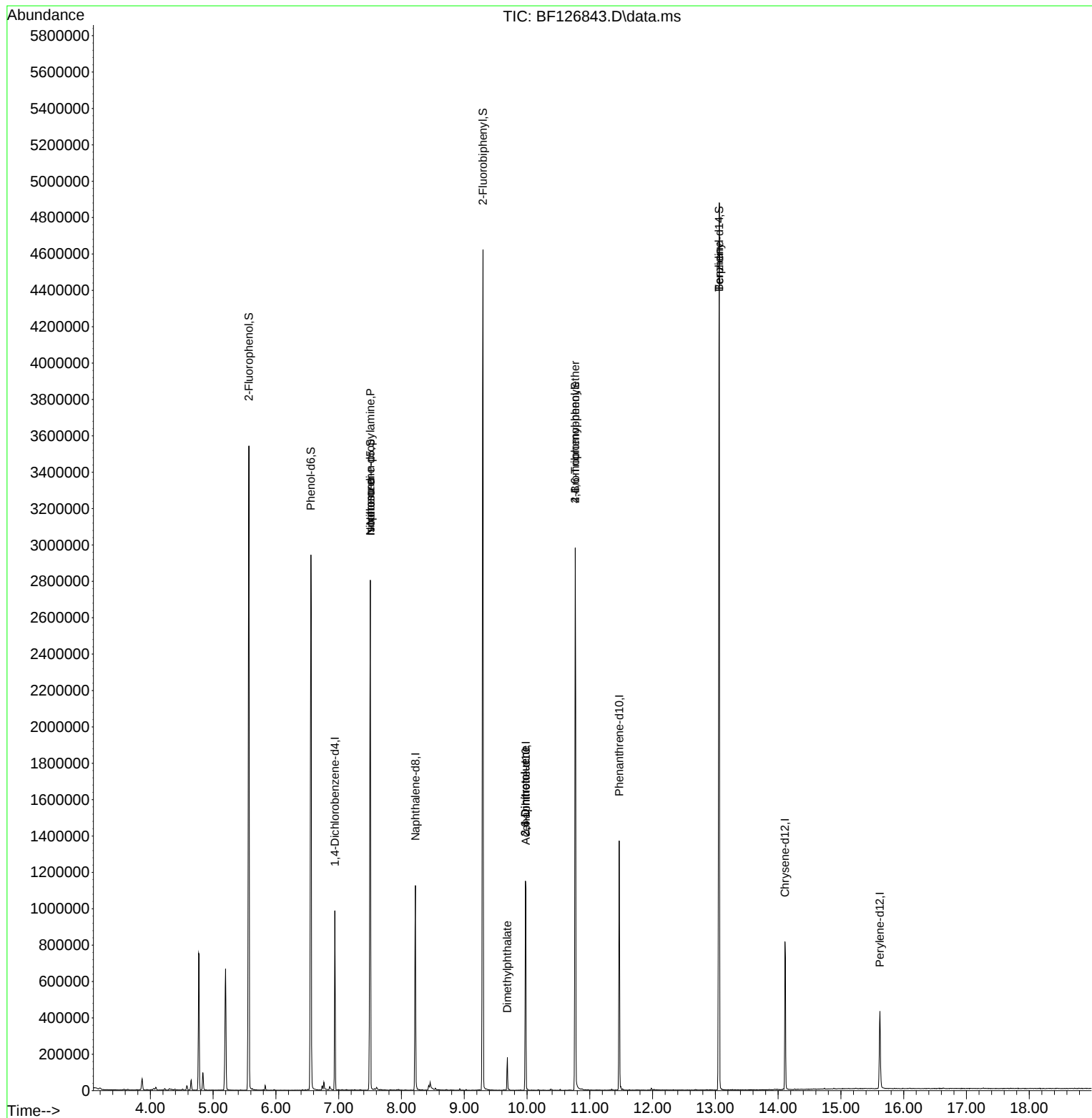
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	115232	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	459997	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	239147	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	422262	20.000	ng	0.00
76) Chrysene-d12	14.110	240	262703	20.000	ng	#-0.01
86) Perylene-d12	15.621	264	188918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	915841	122.369	ng	0.01
7) Phenol-d6	6.557	99	1102642	109.133	ng	0.00
23) Nitrobenzene-d5	7.504	82	905542	90.830	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	345537	134.774	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1408073	88.630	ng	0.00
79) Terphenyl-d14	13.063	244	1635981	89.276	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	123060	19.233	ng	# 78
25) Isophorone	7.504	82	905523	54.213	ng	# 68
50) Dimethylphthalate	9.686	163	57656	3.407	ng	99
51) 2,6-Dinitrotoluene	9.975	165	30835	9.000	ng	# 21
57) 2,4-Dinitrotoluene	9.975	165	30835	6.807	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	20886	4.551	ng	# 1
77) Benzidine	13.063	184	23850	3.450	ng	# 94

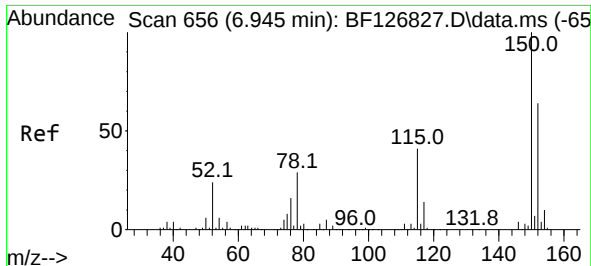
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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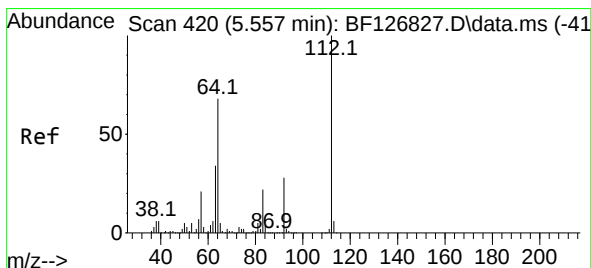
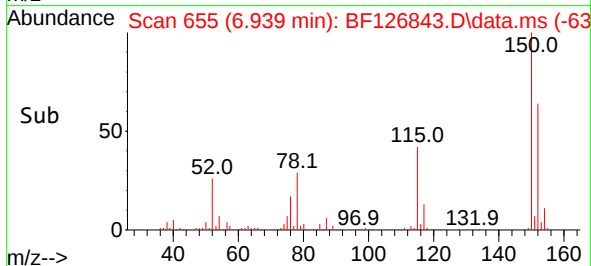
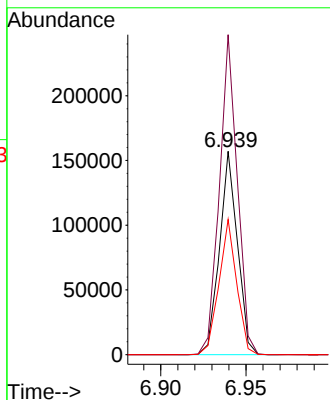
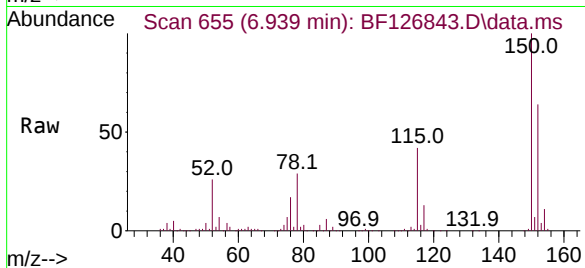




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

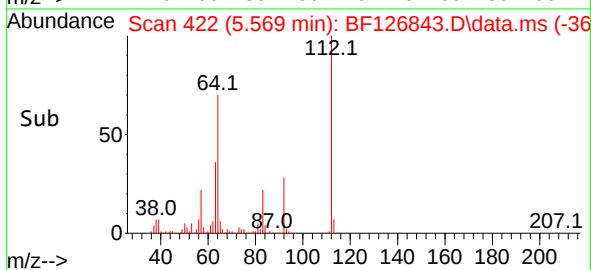
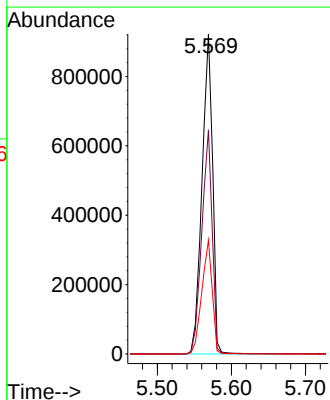
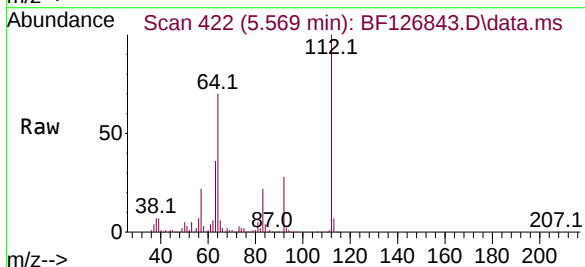
Instrument :
BNA_F
ClientSampleId :
SP-6

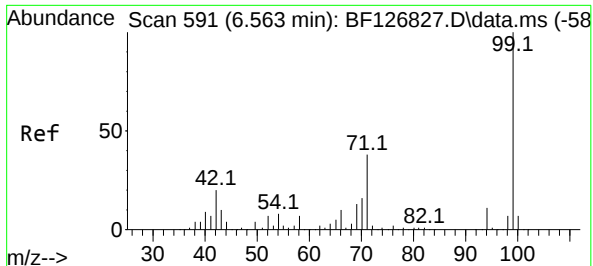
Tgt Ion:152 Resp: 115232
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 66.5 50.5 75.7



#5
2-Fluorophenol
Concen: 122.369 ng
RT: 5.569 min Scan# 422
Delta R.T. 0.012 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion:112 Resp: 915841
Ion Ratio Lower Upper
112 100
64 70.0 54.3 81.5
63 35.6 27.5 41.3

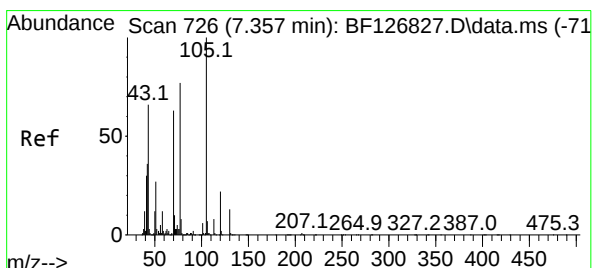
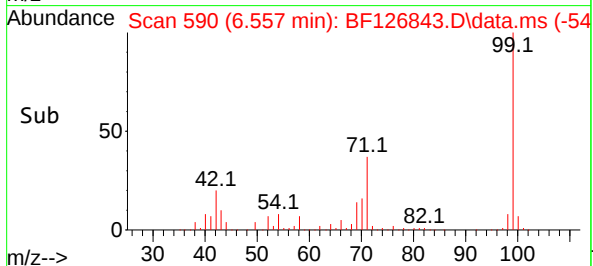
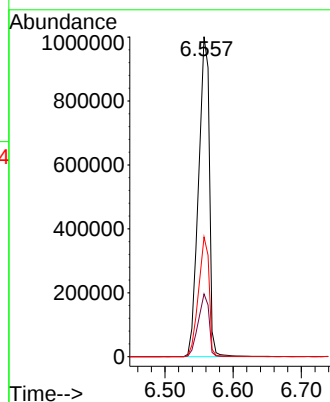
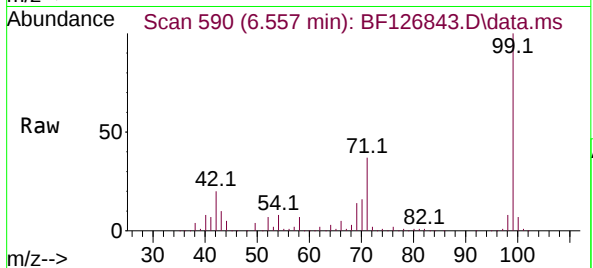




#7
Phenol-d6
Concen: 109.133 ng
RT: 6.557 min Scan# 591
Delta R.T. -0.006 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

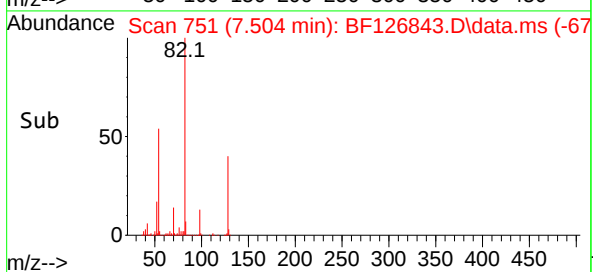
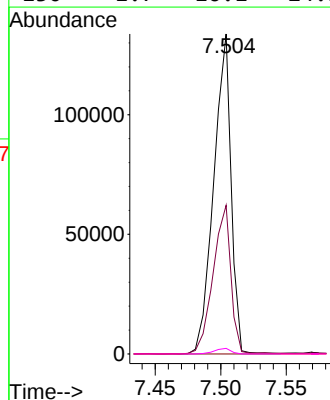
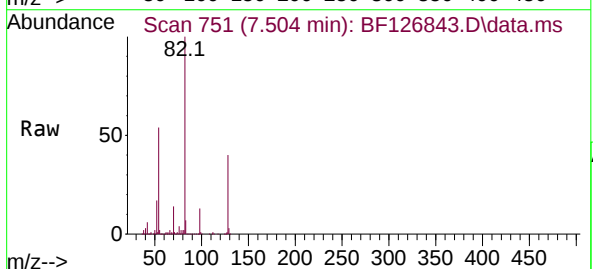
Instrument :
BNA_F
ClientSampleId :
SP-6

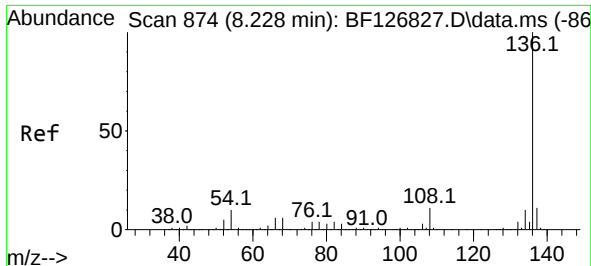
Tgt Ion: 99 Resp: 1102642
Ion Ratio Lower Upper
99 100
42 19.6 15.8 23.6
71 37.4 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.233 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion: 70 Resp: 123060
Ion Ratio Lower Upper
70 100
42 46.4 46.3 69.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#



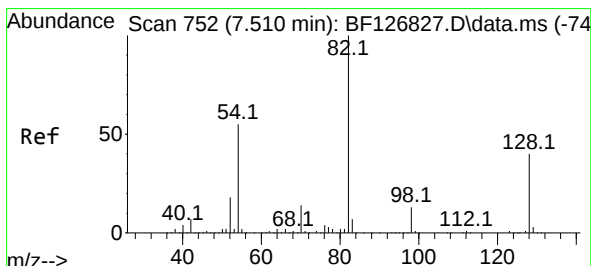
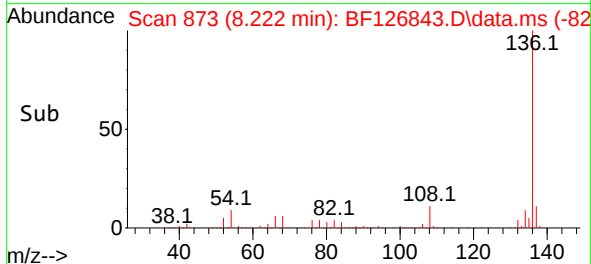
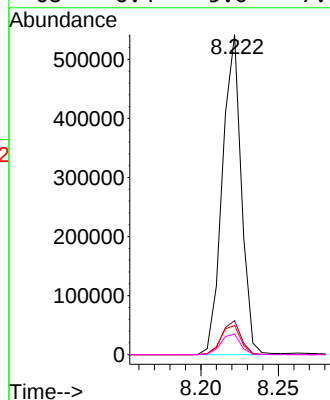
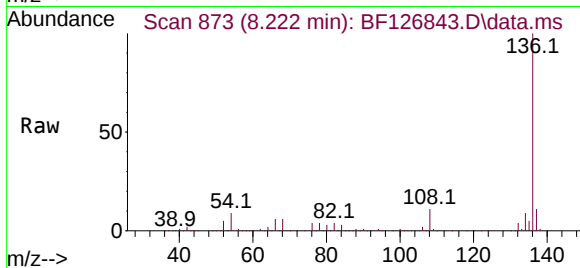


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Instrument :
BNA_F
ClientSampleId :
SP-6

Tgt Ion:136 Resp: 459997

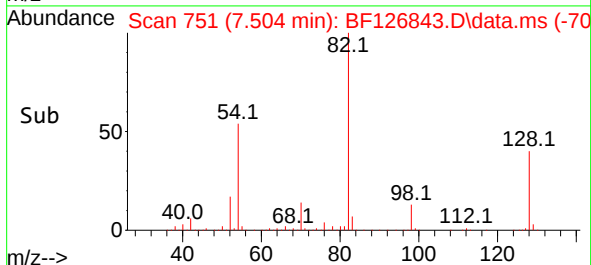
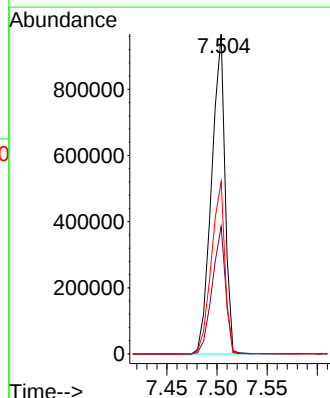
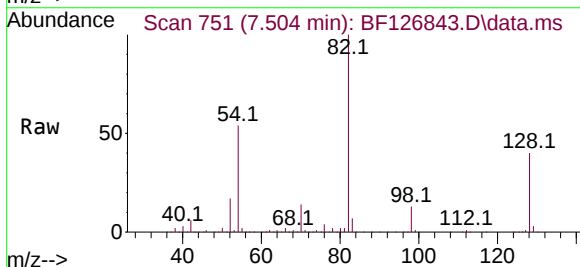
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.1	8.0	12.0
68	6.4	5.0	7.6

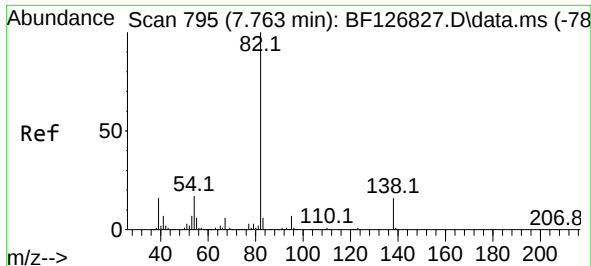


#23
Nitrobenzene-d5
Concen: 90.830 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion: 82 Resp: 905542

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.6	47.4
54	53.9	43.7	65.5

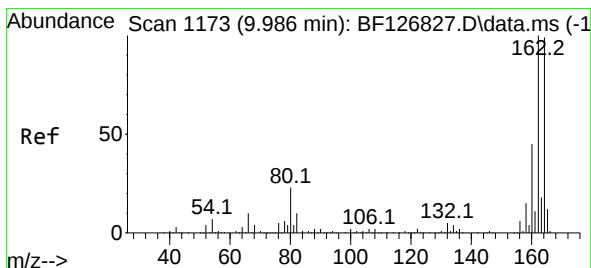
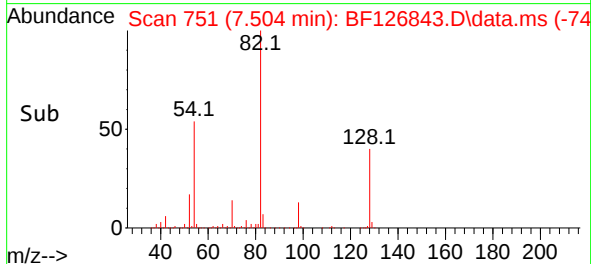
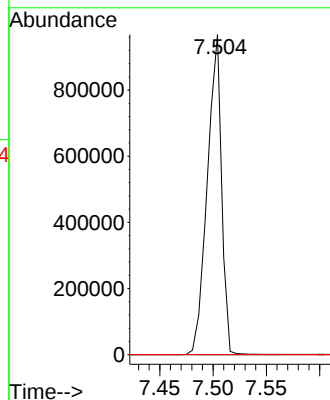
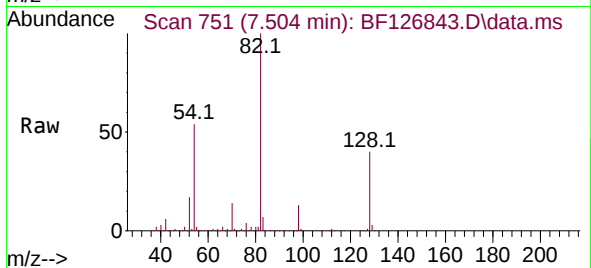




#25
Isophorone
Concen: 54.213 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

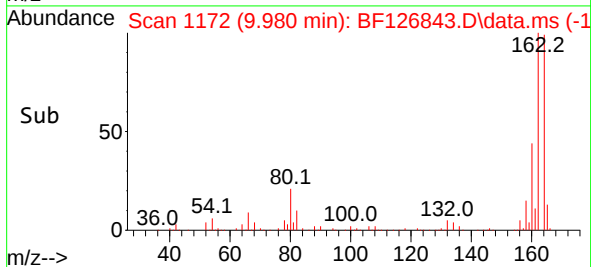
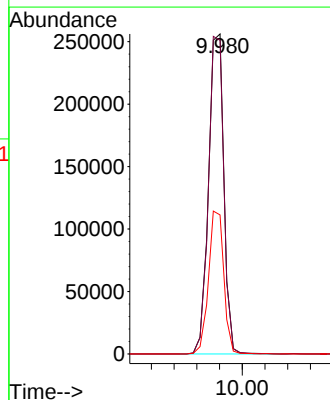
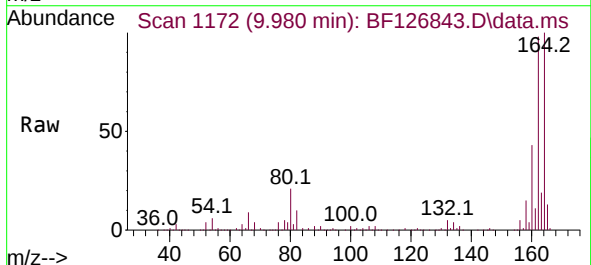
Instrument :
BNA_F
ClientSampleId :
SP-6

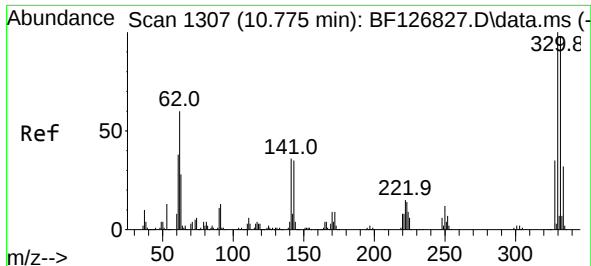
Tgt Ion: 82 Resp: 905523
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion:164 Resp: 239147
Ion Ratio Lower Upper
164 100
162 98.0 80.9 121.3
160 43.4 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 134.774 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126843.D

Acq: 10 Feb 2022 15:02

Instrument :

BNA_F

ClientSampleId :

SP-6

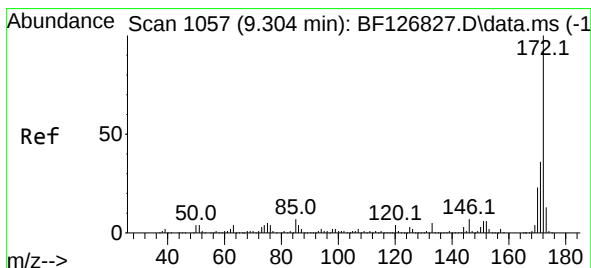
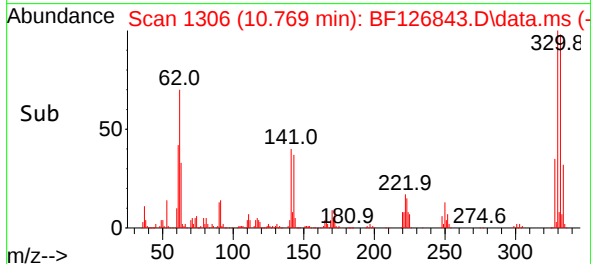
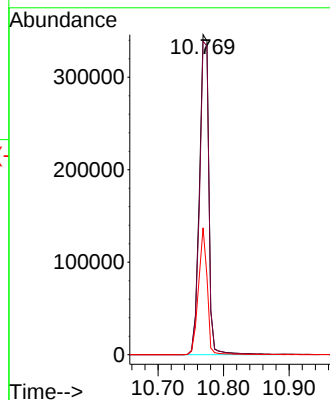
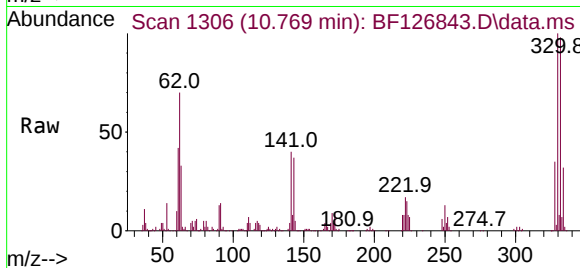
Tgt Ion:330 Resp: 345537

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.630 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126843.D

Acq: 10 Feb 2022 15:02

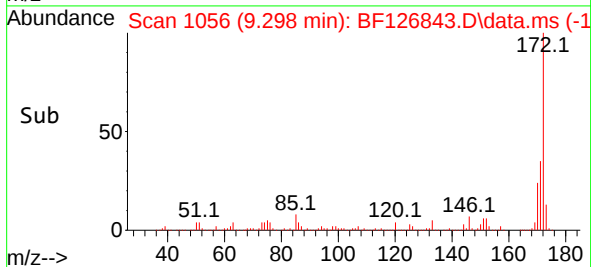
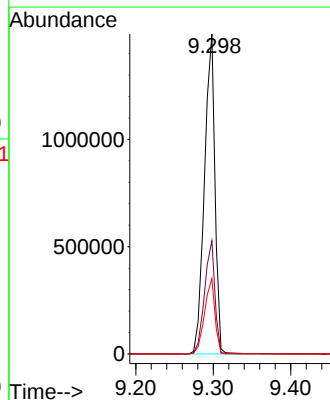
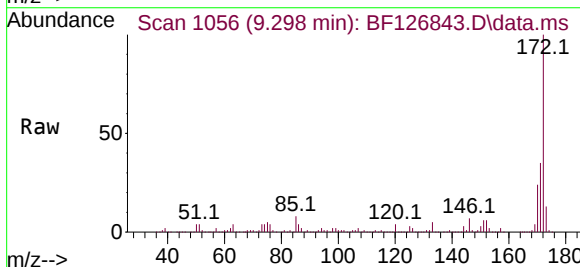
Tgt Ion:172 Resp: 1408073

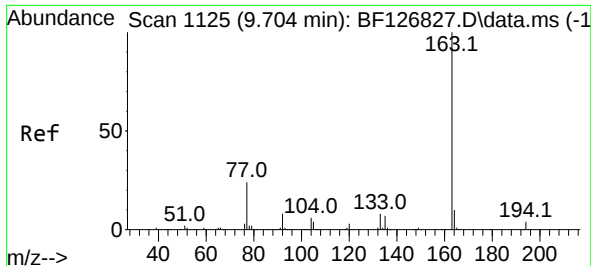
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.5 18.7 28.1

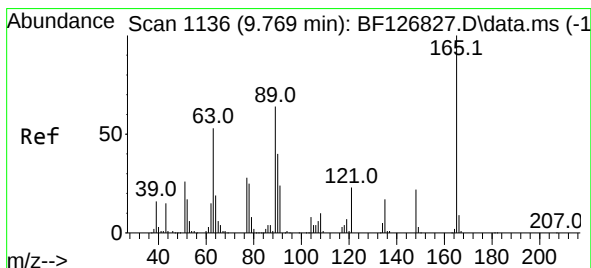
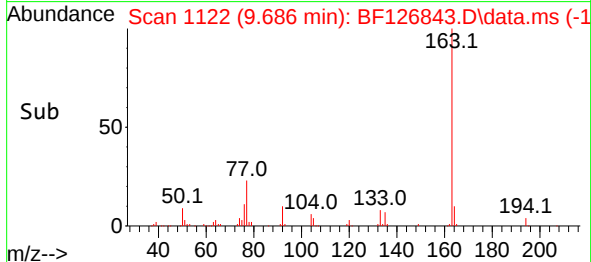
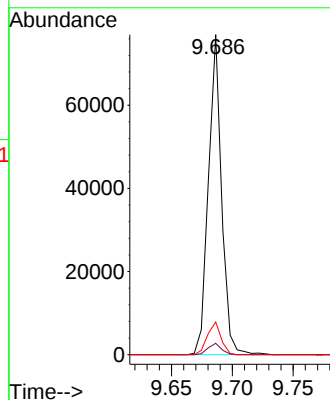
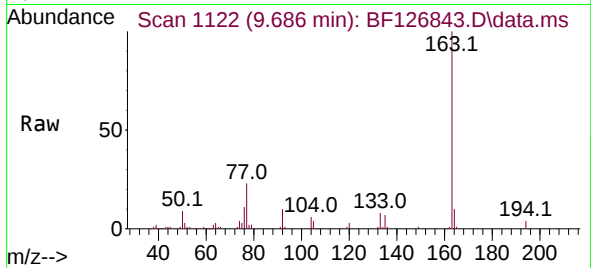




#50
Dimethylphthalate
Concen: 3.407 ng
RT: 9.686 min Scan# 1125
Delta R.T. -0.018 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

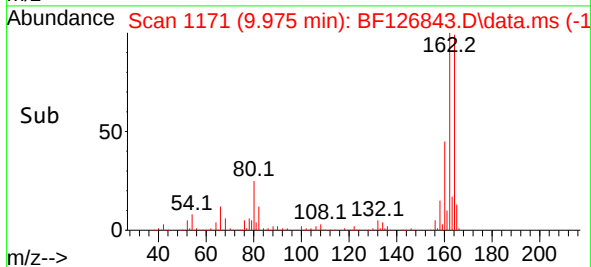
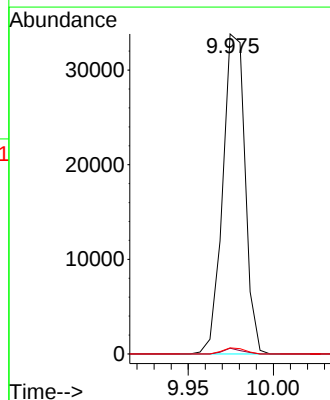
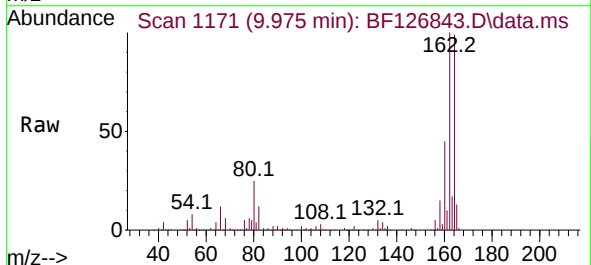
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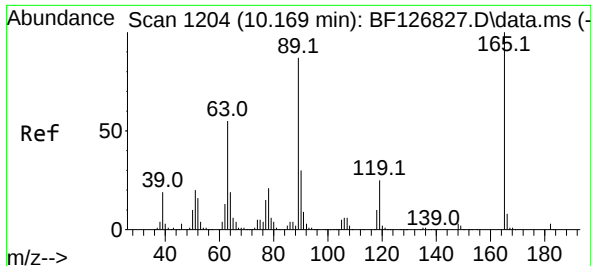
Tgt Ion:163 Resp: 57656
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.2 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 9.000 ng
RT: 9.975 min Scan# 1171
Delta R.T. 0.206 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion:165 Resp: 30835
Ion Ratio Lower Upper
165 100
63 1.8 49.9 74.9#
89 1.9 51.0 76.4#

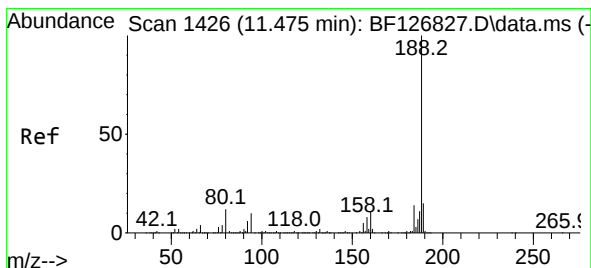
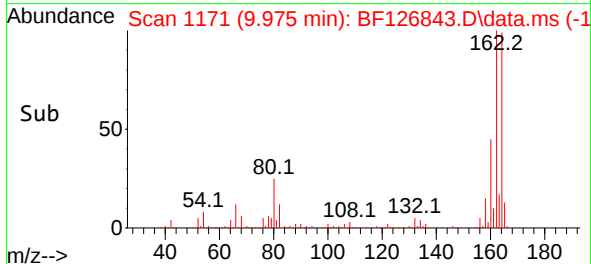
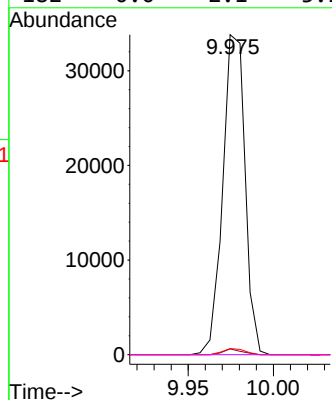
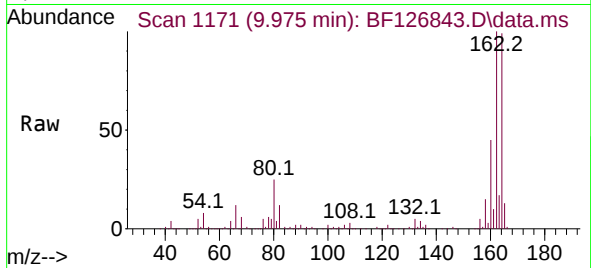




#57
2,4-Dinitrotoluene
Concen: 6.807 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

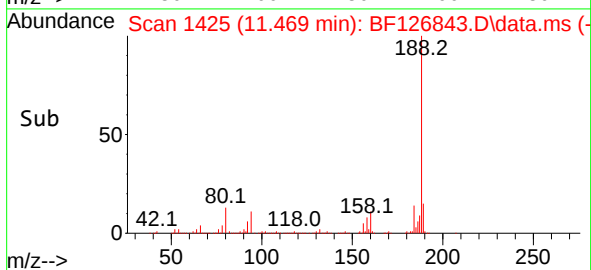
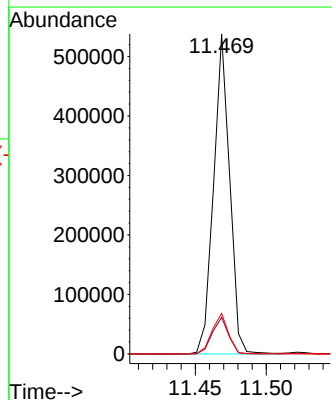
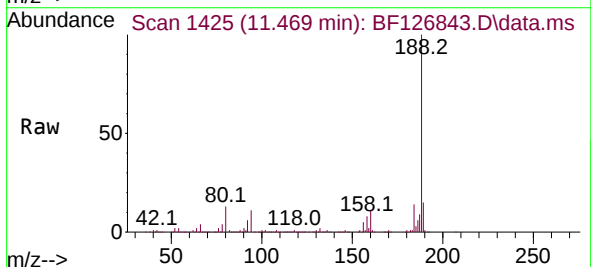
Instrument :
BNA_F
ClientSampleId :
SP-6

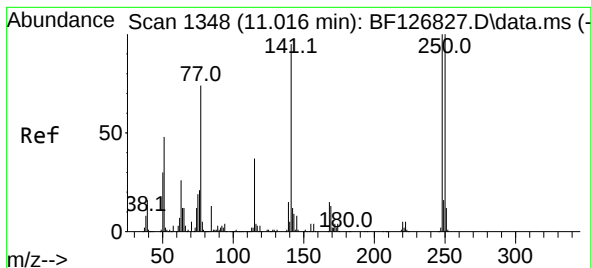
Tgt Ion:165 Resp: 30835
Ion Ratio Lower Upper
165 100
63 1.8 43.9 65.9#
89 1.9 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion:188 Resp: 422262
Ion Ratio Lower Upper
188 100
94 11.5 8.1 12.1
80 12.7 9.5 14.3

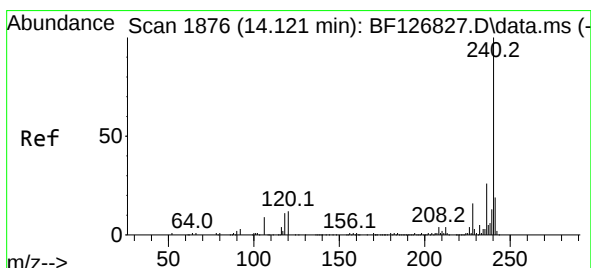
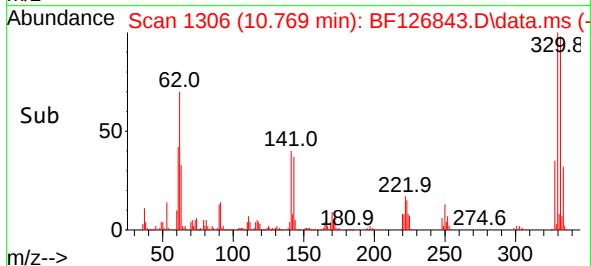
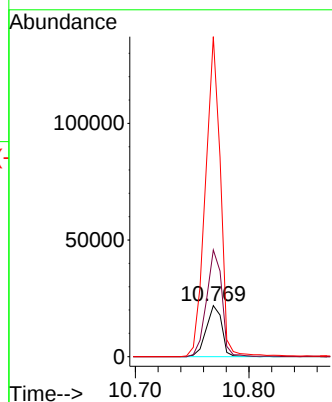
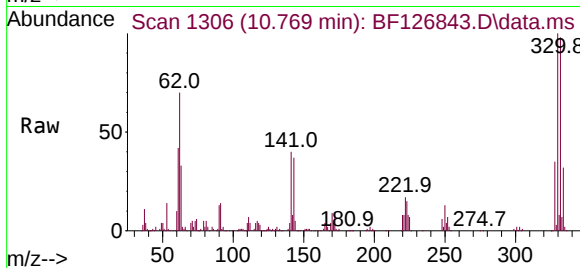




#67
4-Bromophenyl-phenylether
Concen: 4.551 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

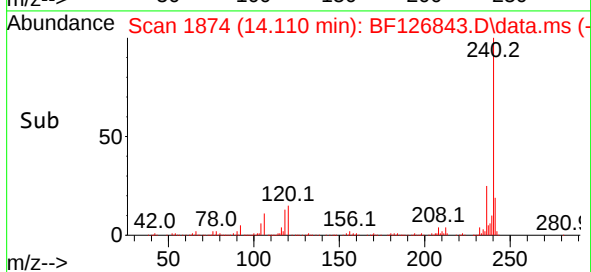
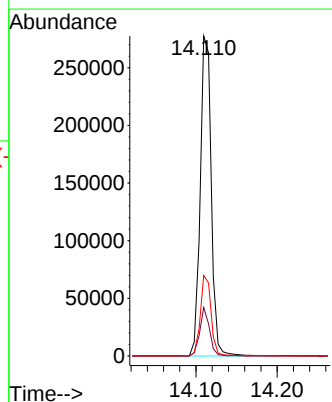
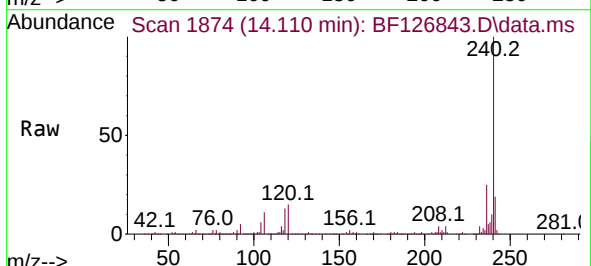
Instrument :
BNA_F
ClientSampleId :
SP-6

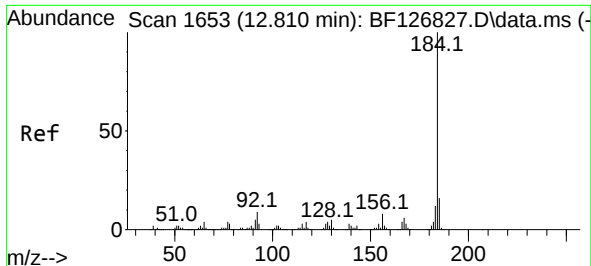
Tgt Ion:248 Resp: 20886
Ion Ratio Lower Upper
248 100
250 208.8 80.0 120.0#
141 626.2 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion:240 Resp: 262703
Ion Ratio Lower Upper
240 100
120 15.2 9.8 14.6#
236 25.2 20.5 30.7

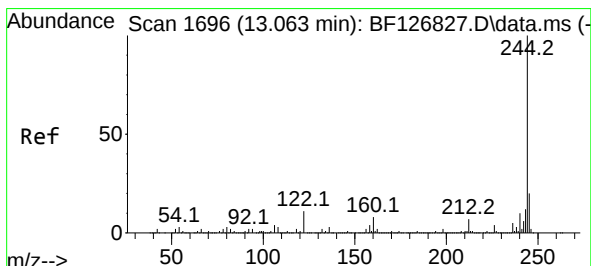
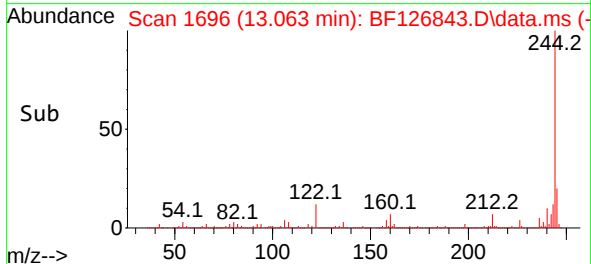
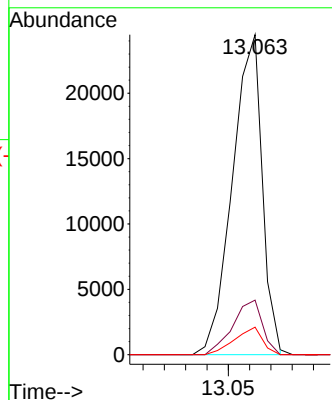
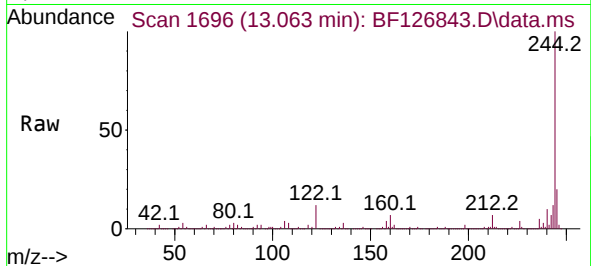




#77
Benzidine
Concen: 3.450 ng
RT: 13.063 min Scan# 1696
Delta R.T. 0.253 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

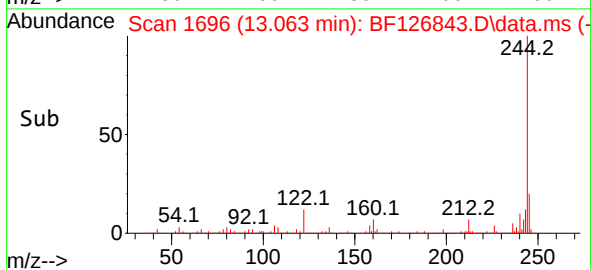
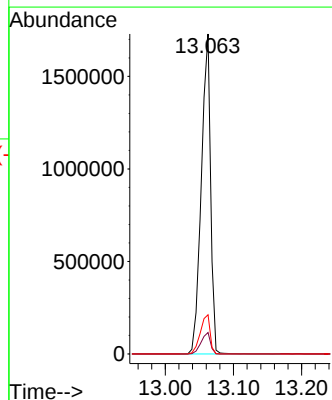
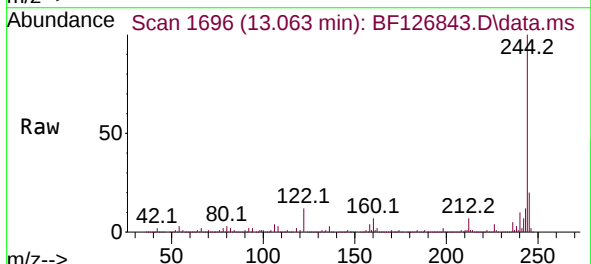
Instrument :
BNA_F
ClientSampleId :
SP-6

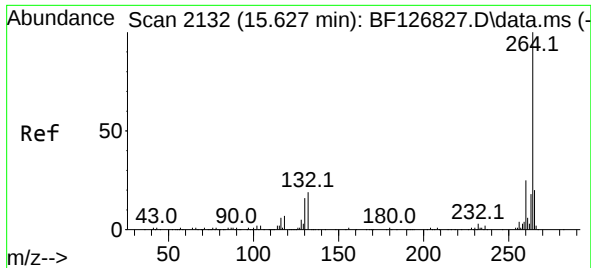
Tgt Ion:184 Resp: 23850
Ion Ratio Lower Upper
184 100
185 17.1 12.5 18.7
183 8.6 9.6 14.4#



#79
Terphenyl-d14
Concen: 89.276 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BF126843.D
Acq: 10 Feb 2022 15:02

Tgt Ion:244 Resp: 1635981
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 12.3 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126843.D
 Acq: 10 Feb 2022 15:02

Instrument :
 BNA_F
 ClientSampleId :
 SP-6

Tgt Ion:264 Resp: 188918
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.7 15.9 23.9

