

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126840.D
 Acq On : 10 Feb 2022 13:35
 Operator : CG\JU
 Sample : N1432-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Feb 10 15:10:51 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)

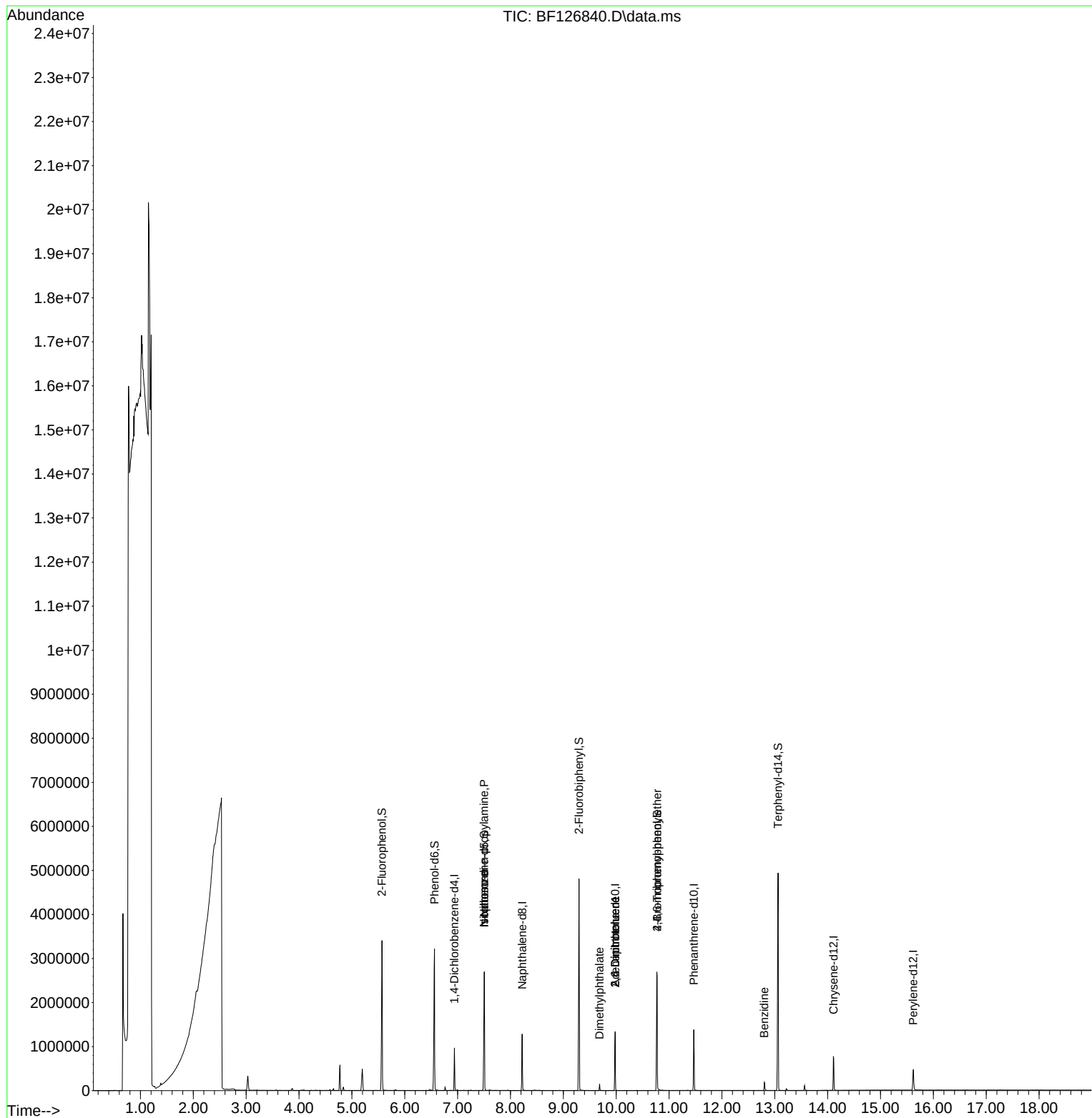
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	118648	20.000	ng	0.00
21) Naphthalene-d8	8.221	136	473401	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	245763	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	436576	20.000	ng	0.00
76) Chrysene-d12	14.115	240	252765	20.000	ng	0.00
86) Perylene-d12	15.621	264	196953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.568	112	919968	119.381	ng	0.01
7) Phenol-d6	6.562	99	1133671	108.973	ng	0.00
23) Nitrobenzene-d5	7.503	82	877651	85.540	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	322651	122.460	ng	0.00
45) 2-Fluorobiphenyl	9.297	172	1397622	85.604	ng	0.00
79) Terphenyl-d14	13.062	244	1626273	92.235	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.503	70	118762	18.027	ng	# 78
25) Isophorone	7.503	82	877637	51.056	ng	# 68
50) Dimethylphthalate	9.686	163	48208	2.772	ng	99
51) 2,6-Dinitrotoluene	9.980	165	31248	8.875	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	31248	6.712	ng	# 16
67) 4-Bromophenyl-phenylether	10.774	248	19589	4.129	ng	# 1
77) Benzidine	12.803	184	66978	10.070	ng	97

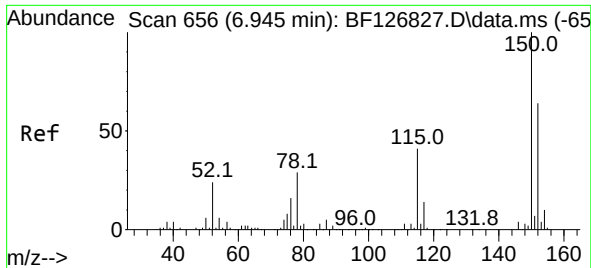
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 10 00:44:00 2022
Response via : Initial Calibration

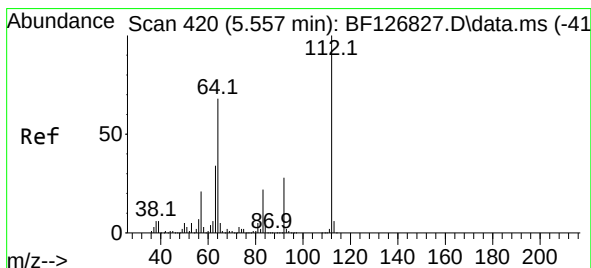
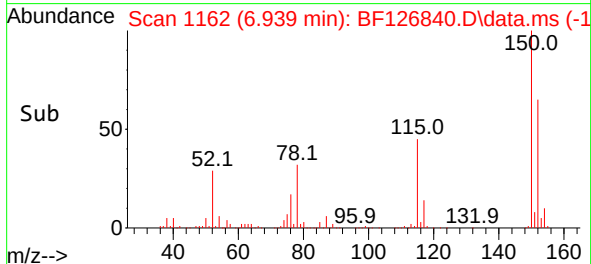
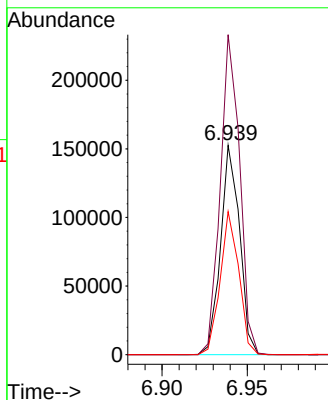
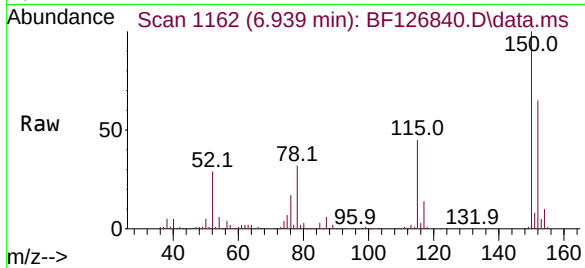




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

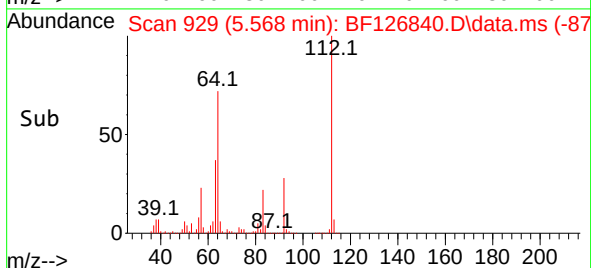
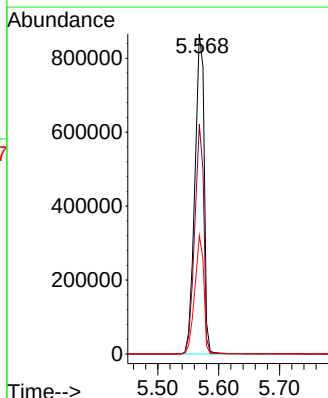
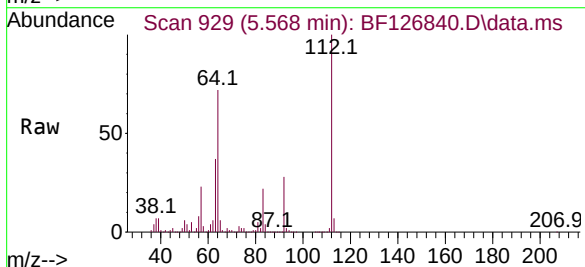
Instrument :
BNA_F
ClientSampleId :
SP-3

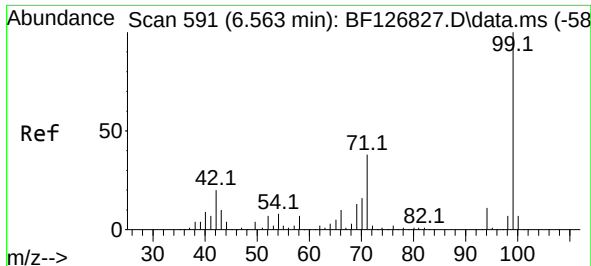
Tgt Ion:152 Resp: 118648
Ion Ratio Lower Upper
152 100
150 152.9 124.3 186.5
115 68.3 50.5 75.7



#5
2-Fluorophenol
Concen: 119.381 ng
RT: 5.568 min Scan# 929
Delta R.T. 0.011 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion:112 Resp: 919968
Ion Ratio Lower Upper
112 100
64 71.7 54.3 81.5
63 37.0 27.5 41.3

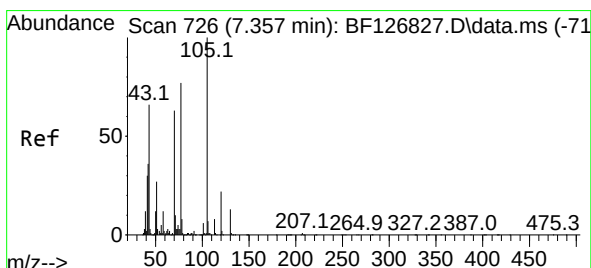
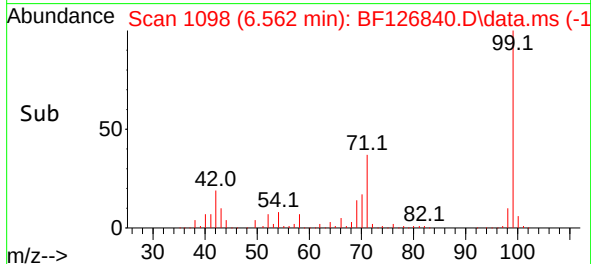
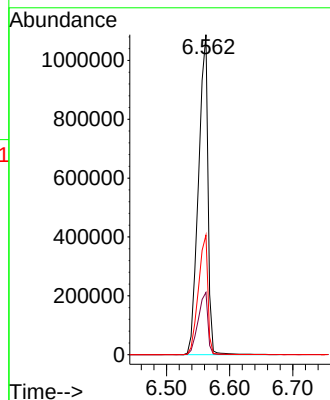
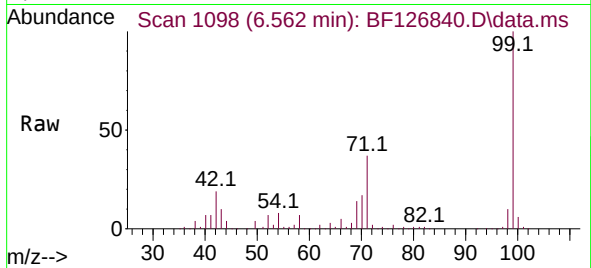




#7
Phenol-d6
Concen: 108.973 ng
RT: 6.562 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

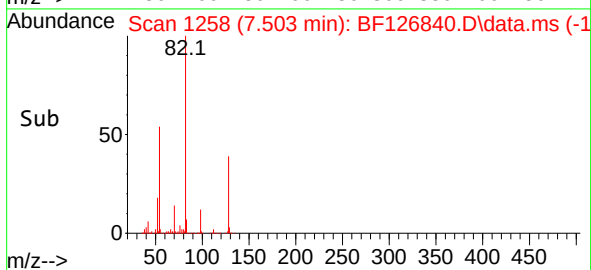
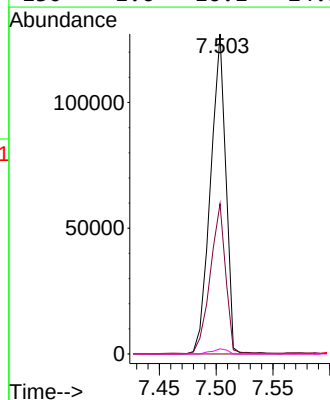
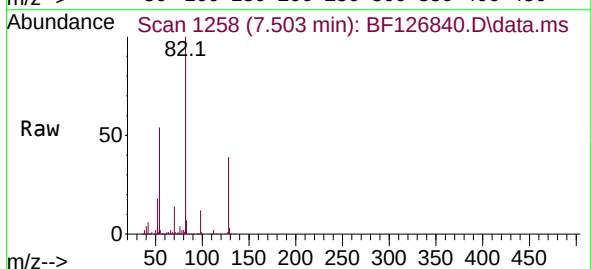
Instrument :
BNA_F
ClientSampleId :
SP-3

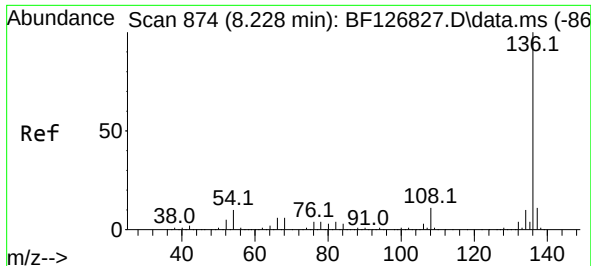
Tgt Ion: 99 Resp: 1133671
Ion Ratio Lower Upper
99 100
42 19.4 15.8 23.6
71 37.4 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.027 ng
RT: 7.503 min Scan# 1258
Delta R.T. 0.146 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion: 70 Resp: 118762
Ion Ratio Lower Upper
70 100
42 46.9 46.3 69.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

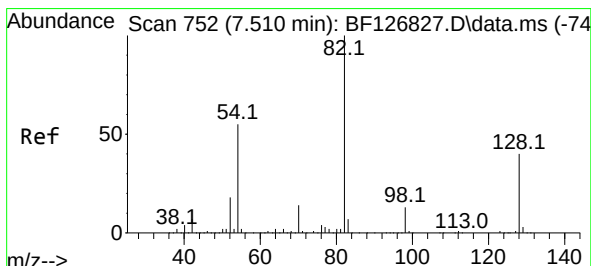
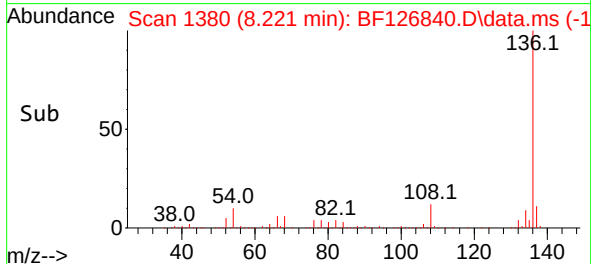
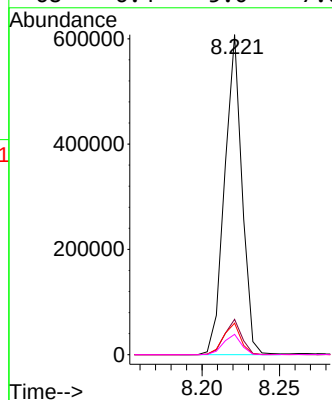
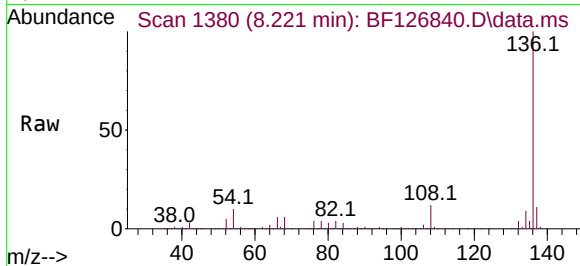




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.221 min Scan# 11
Delta R.T. -0.007 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

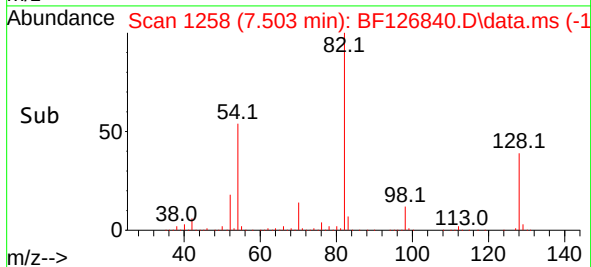
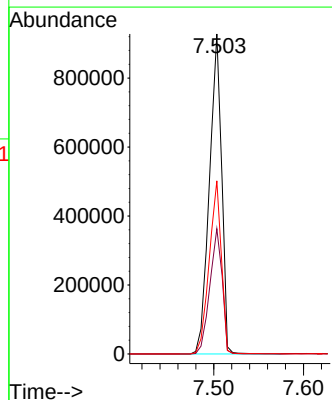
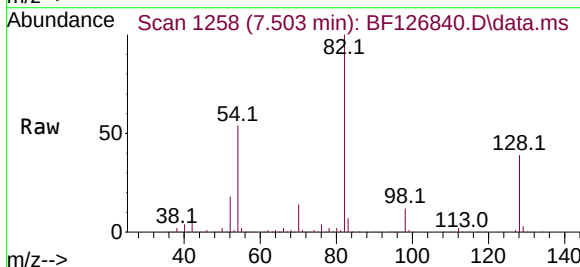
Instrument :
BNA_F
ClientSampleId :
SP-3

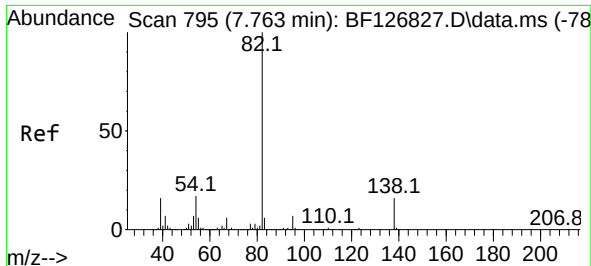
Tgt Ion:136 Resp: 473401
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.0 12.0
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 85.540 ng
RT: 7.503 min Scan# 1258
Delta R.T. -0.007 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion: 82 Resp: 877651
Ion Ratio Lower Upper
82 100
128 39.1 31.6 47.4
54 54.1 43.7 65.5

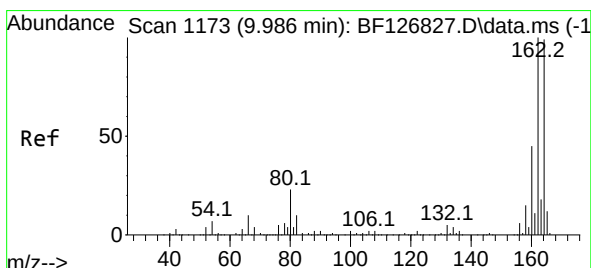
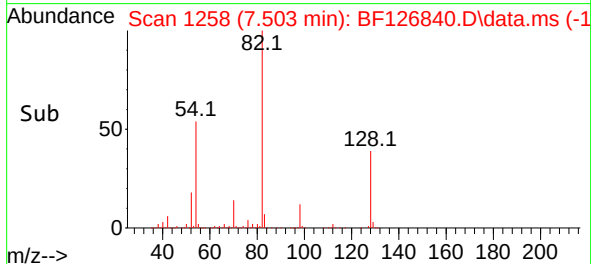
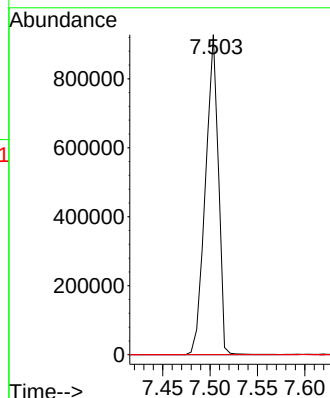
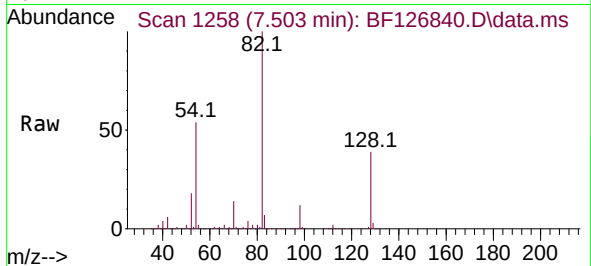




#25
Isophorone
Concen: 51.056 ng
RT: 7.503 min Scan# 11
Delta R.T. -0.260 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

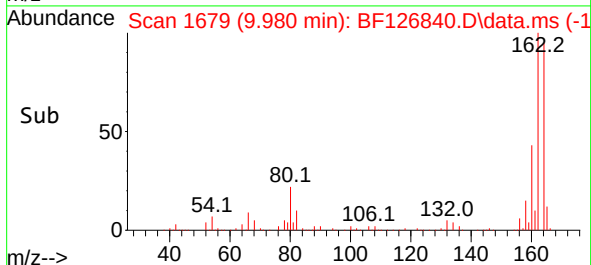
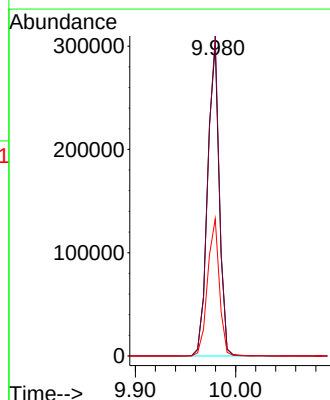
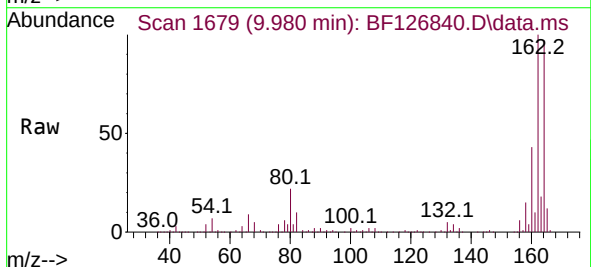
Instrument :
BNA_F
ClientSampleId :
SP-3

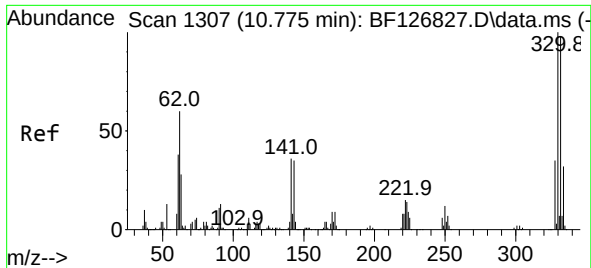
Tgt Ion: 82 Resp: 877637
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion:164 Resp: 245763
Ion Ratio Lower Upper
164 100
162 103.1 80.9 121.3
160 44.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 122.460 ng

RT: 10.774 min Scan# 1563

Delta R.T. -0.001 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

Instrument :

BNA_F

ClientSampleId :

SP-3

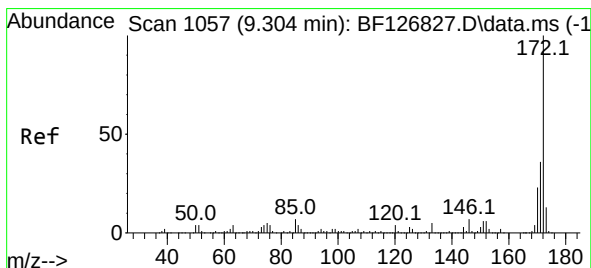
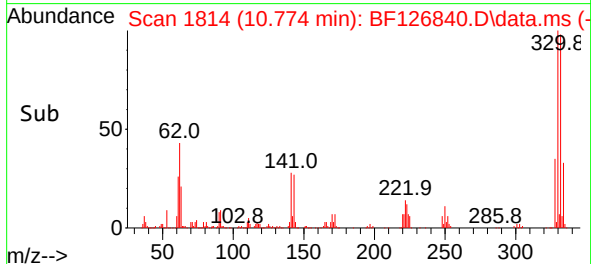
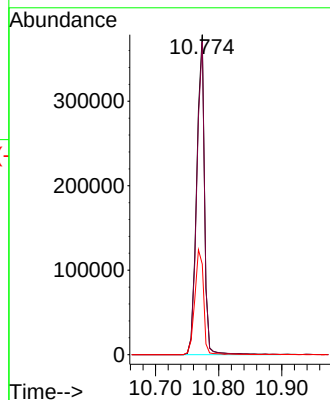
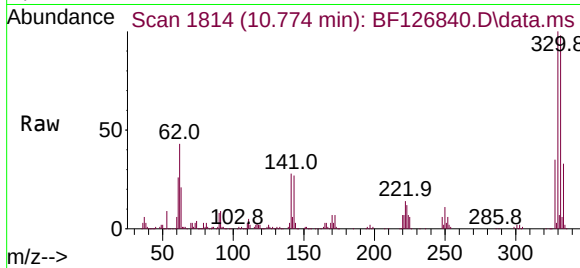
Tgt Ion:330 Resp: 322651

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 37.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 85.604 ng

RT: 9.297 min Scan# 1563

Delta R.T. -0.007 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

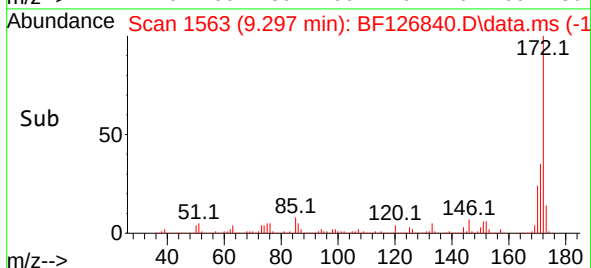
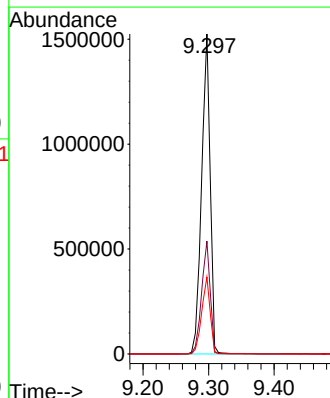
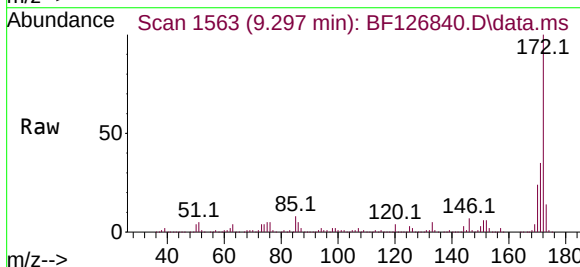
Tgt Ion:172 Resp: 1397622

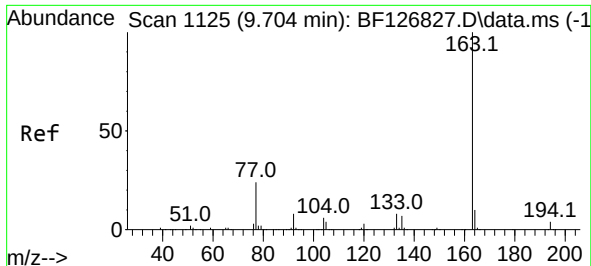
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 24.0 18.7 28.1

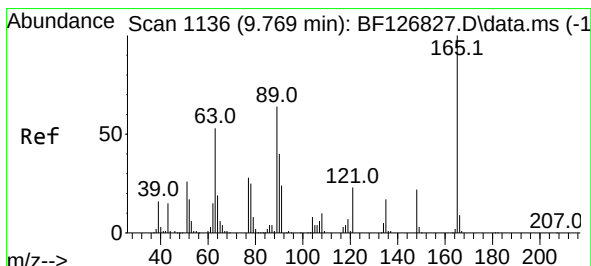
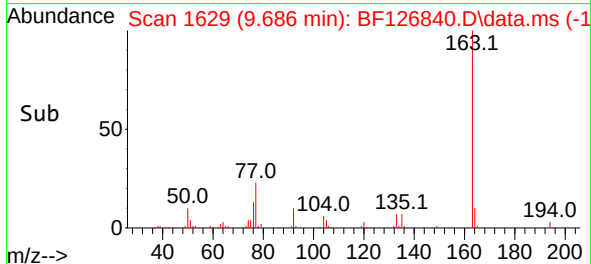
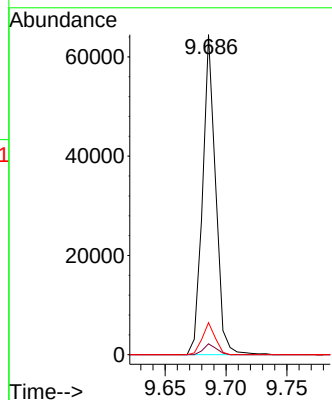
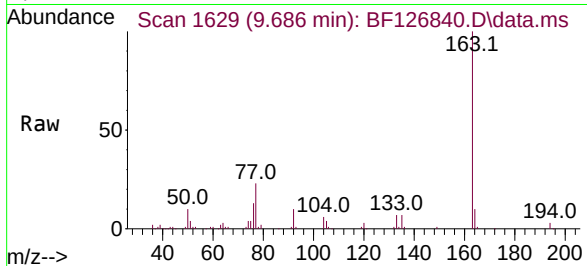




#50
Dimethylphthalate
Concen: 2.772 ng
RT: 9.686 min Scan# 1629
Delta R.T. -0.018 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

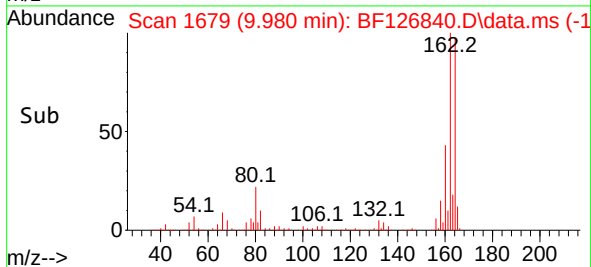
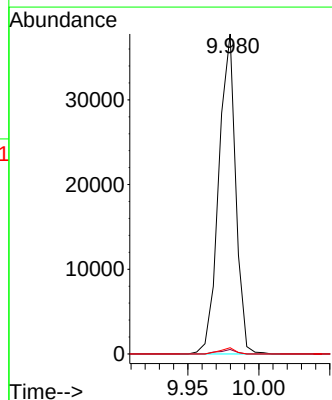
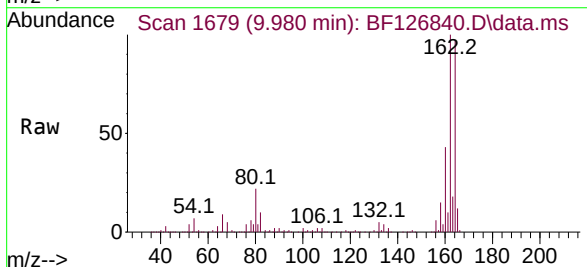
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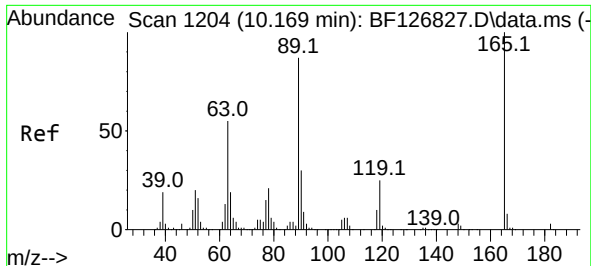
Tgt Ion:163 Resp: 48208
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.6
164 10.0 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 8.875 ng
RT: 9.980 min Scan# 1679
Delta R.T. 0.211 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion:165 Resp: 31248
Ion Ratio Lower Upper
165 100
63 1.4 49.9 74.9#
89 1.9 51.0 76.4#

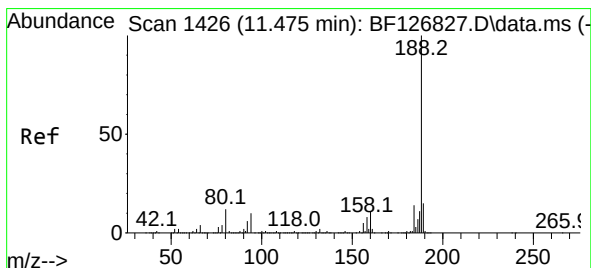
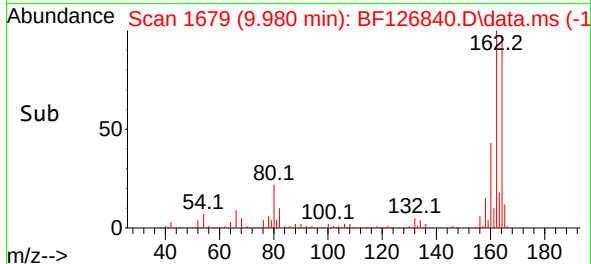
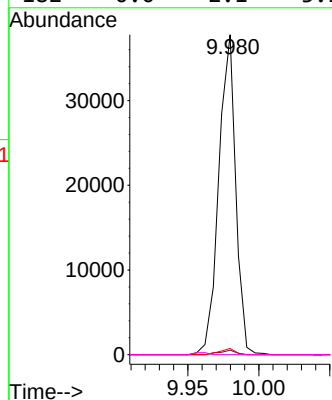
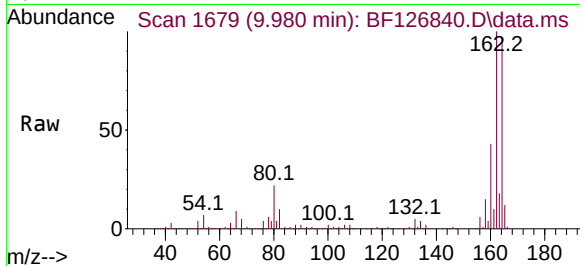




#57
2,4-Dinitrotoluene
Concen: 6.712 ng
RT: 9.980 min Scan# 1
Delta R.T. -0.189 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

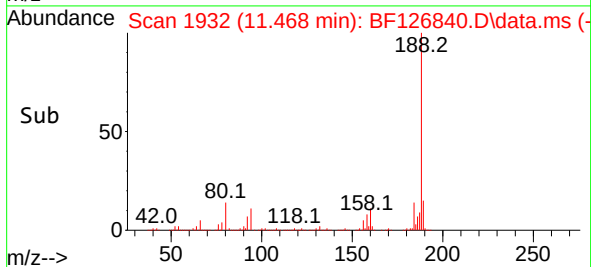
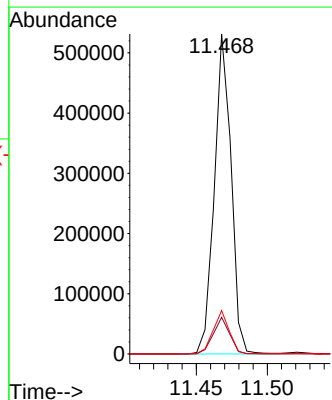
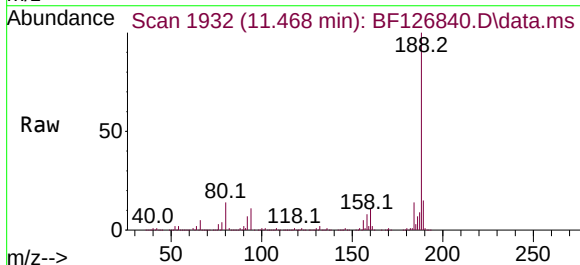
Instrument :
BNA_F
ClientSampleId :
SP-3

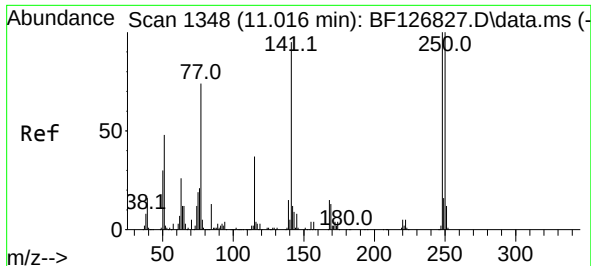
Tgt Ion:165 Resp: 31248
Ion Ratio Lower Upper
165 100
63 1.4 43.9 65.9#
89 1.9 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.468 min Scan# 1932
Delta R.T. -0.007 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion:188 Resp: 436576
Ion Ratio Lower Upper
188 100
94 11.5 8.1 12.1
80 13.5 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 4.129 ng

RT: 10.774 min Scan# 1

Delta R.T. -0.242 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

Instrument :

BNA_F

ClientSampleId :

SP-3

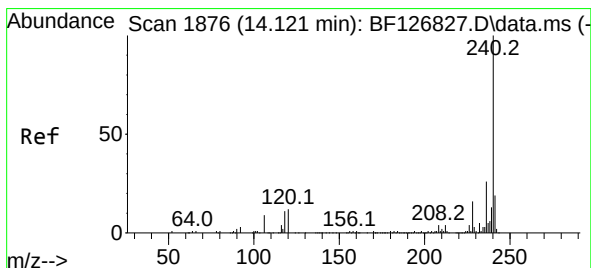
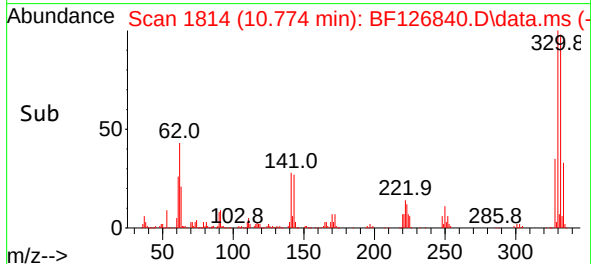
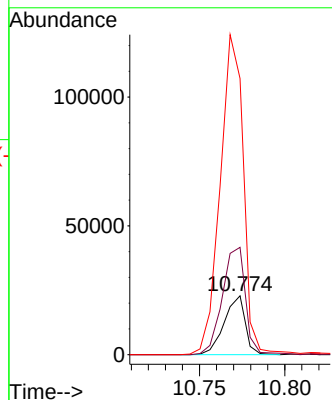
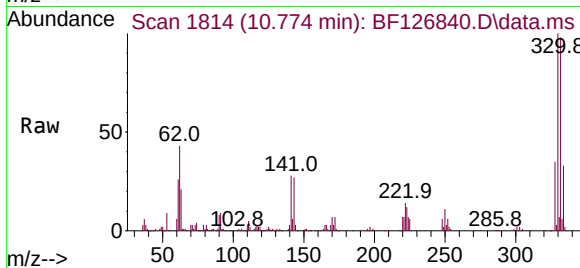
Tgt Ion:248 Resp: 19589

Ion Ratio Lower Upper

248 100

250 182.5 80.0 120.0#

141 469.3 75.6 113.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2382

Delta R.T. -0.007 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

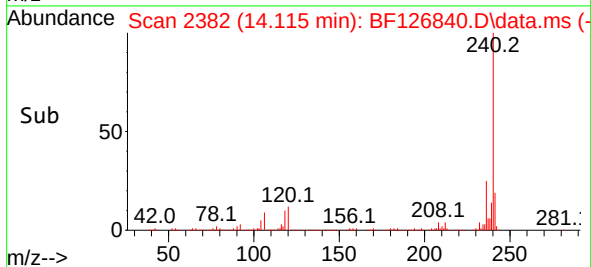
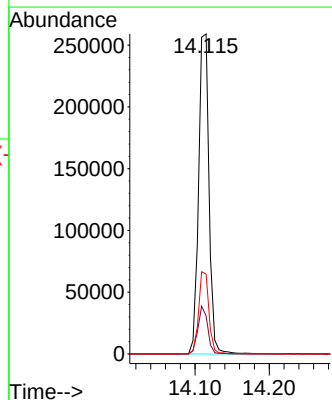
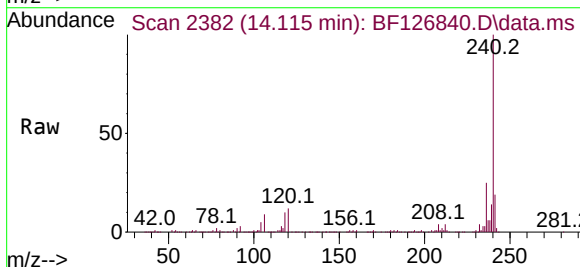
Tgt Ion:240 Resp: 252765

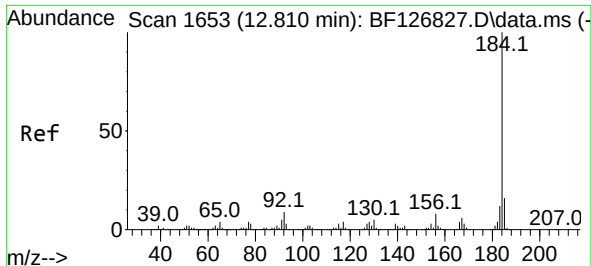
Ion Ratio Lower Upper

240 100

120 11.9 9.8 14.6

236 24.9 20.5 30.7

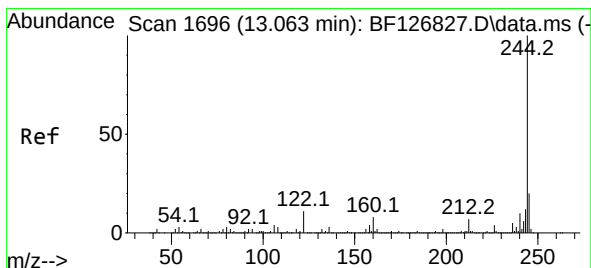
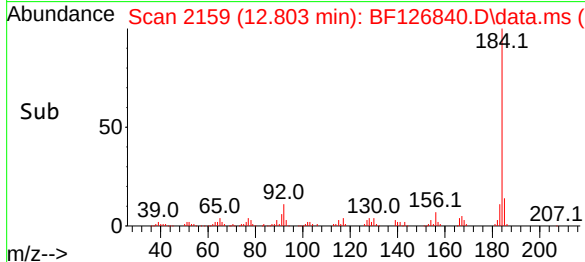
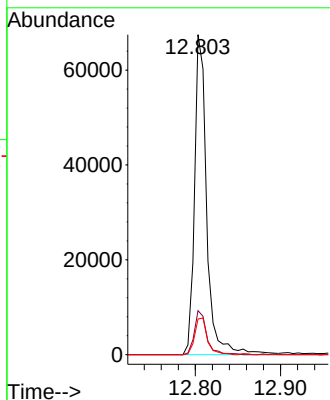
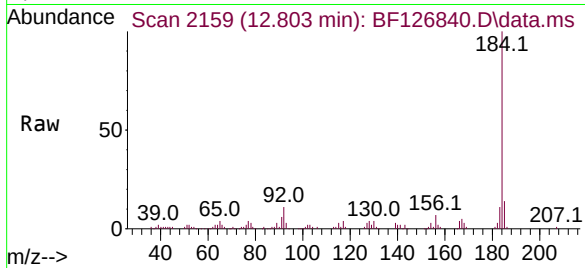




#77
Benzidine
Concen: 10.070 ng
RT: 12.803 min Scan# 2159
Delta R.T. -0.007 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

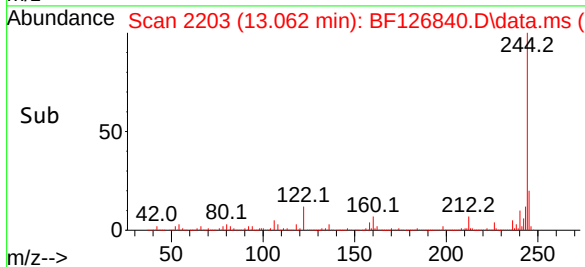
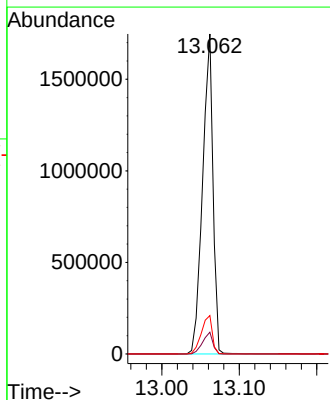
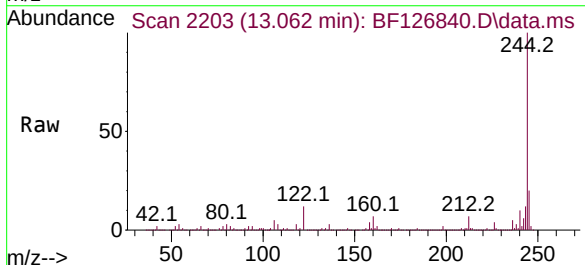
Instrument :
BNA_F
ClientSampleId :
SP-3

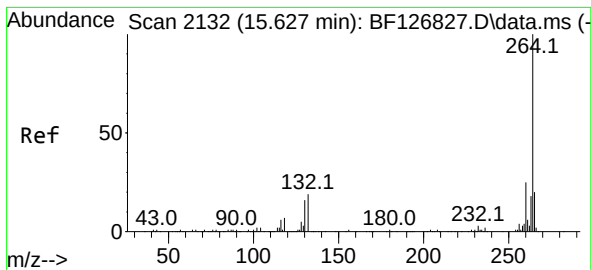
Tgt Ion:184 Resp: 66978
Ion Ratio Lower Upper
184 100
185 13.7 12.5 18.7
183 11.2 9.6 14.4



#79
Terphenyl-d14
Concen: 92.235 ng
RT: 13.062 min Scan# 2203
Delta R.T. -0.001 min
Lab File: BF126840.D
Acq: 10 Feb 2022 13:35

Tgt Ion:244 Resp: 1626273
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 12.0 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 20
 Delta R.T. -0.007 min
 Lab File: BF126840.D
 Acq: 10 Feb 2022 13:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:264 Resp: 196953
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 21.0 15.9 23.9

