

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136666.D
 Acq On : 21 Dec 2023 12:43
 Operator : CG\JU
 Sample : 05585-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP3

Quant Time: Dec 21 13:14:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

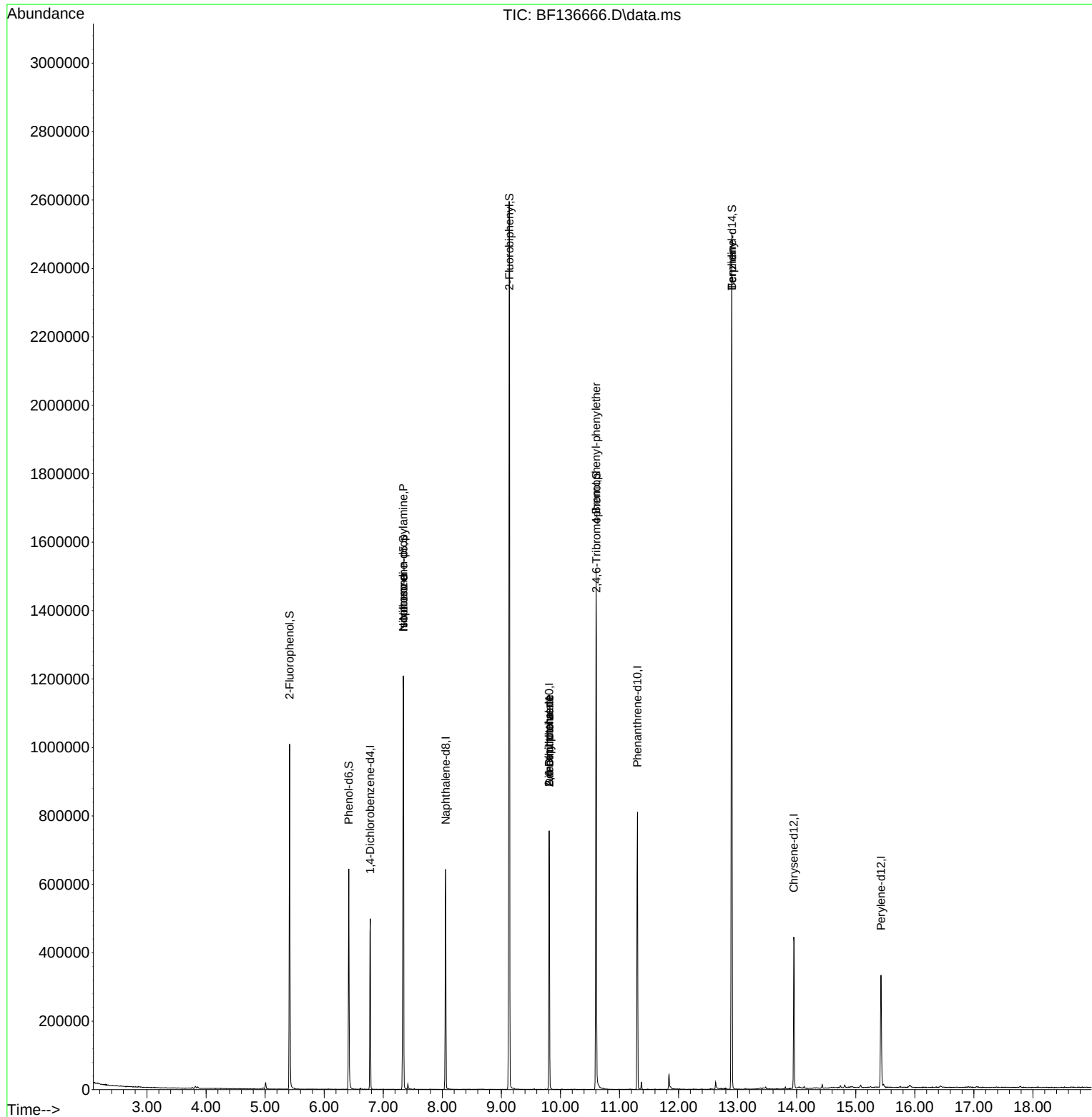
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75685	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	291287	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	150208	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	289977	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	161336	20.000	ng	-0.02
86) Perylene-d12	15.427	264	155329	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	252209	51.994	ng	-0.01
7) Phenol-d6	6.416	99	192787	30.672	ng	-0.02
23) Nitrobenzene-d5	7.339	82	448382	78.768	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	210368	118.917	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	902375	80.800	ng	-0.02
79) Terphenyl-d14	12.904	244	934960	80.985	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	59763	15.685	ng	# 74
25) Isophorone	7.339	82	444454	42.909	ng	# 65
50) Dimethylphthalate	9.810	163	29137	2.656	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	19834	7.965	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	19834	6.136	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	12261	3.807	ng	# 1
77) Benzidine	12.904	184	10809	2.272	ng	# 94

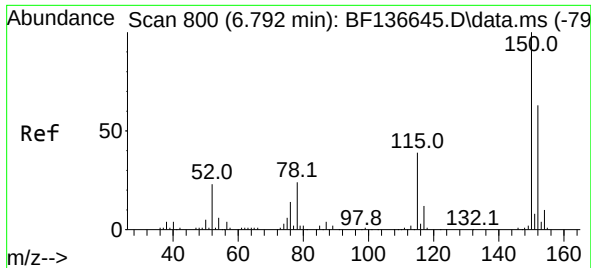
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

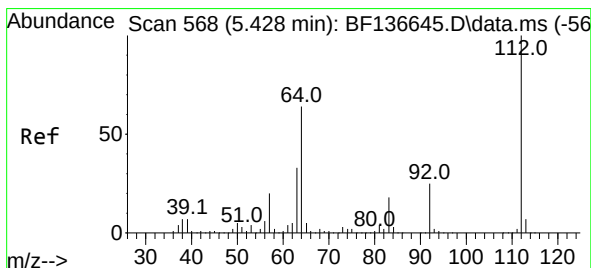
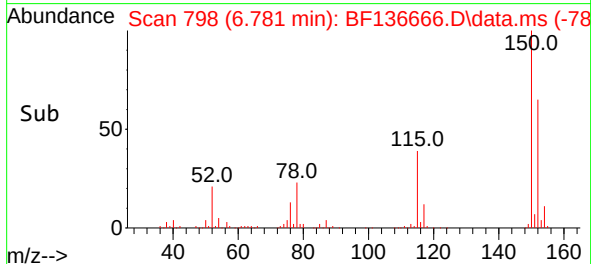
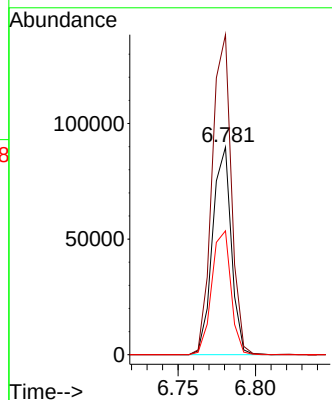
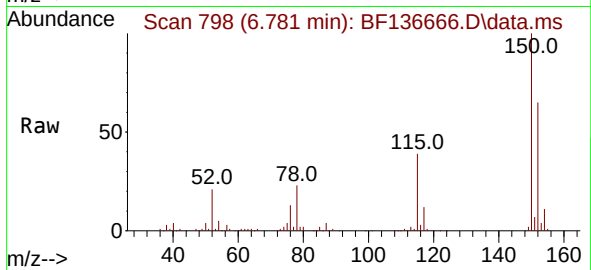




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

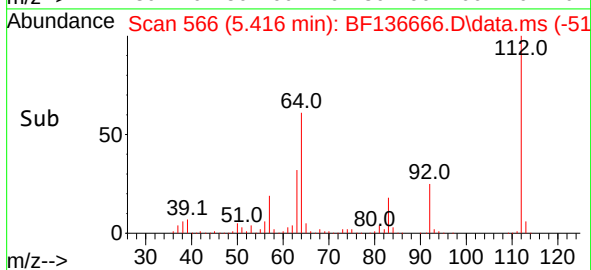
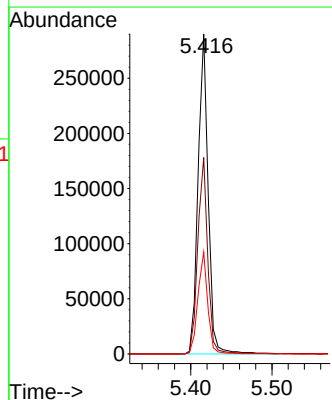
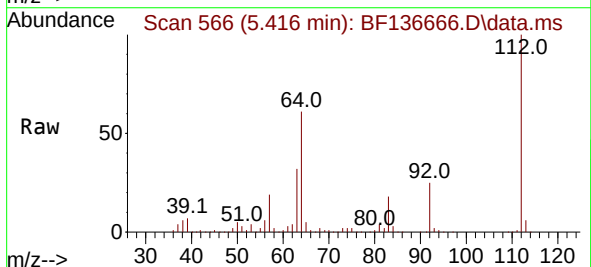
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

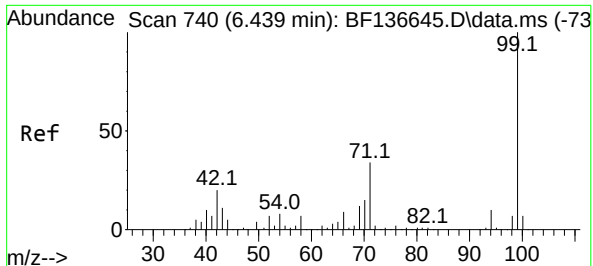
Tgt Ion:152 Resp: 75685
Ion Ratio Lower Upper
152 100
150 154.2 127.0 190.6
115 59.7 49.0 73.4



#5
2-Fluorophenol
Concen: 51.994 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

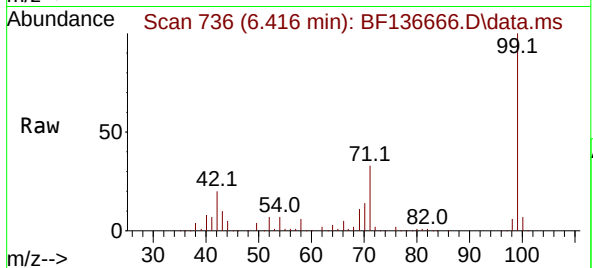
Tgt Ion:112 Resp: 252209
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 31.8 26.1 39.1



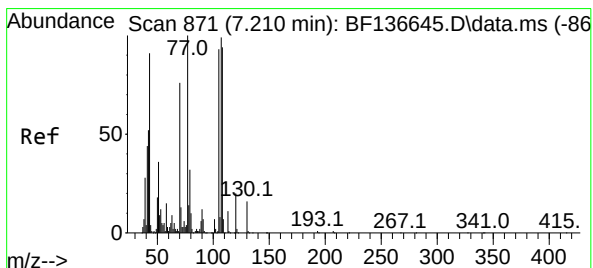
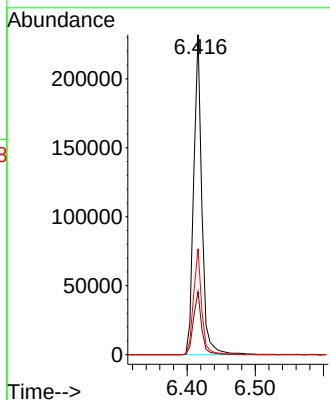
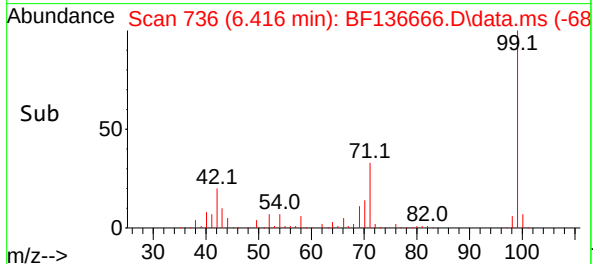


#7
Phenol-d6
Concen: 30.672 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

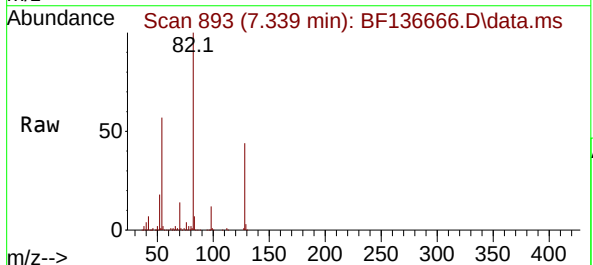
Instrument :
BNA_F
ClientSampleId :
P3874-SP3



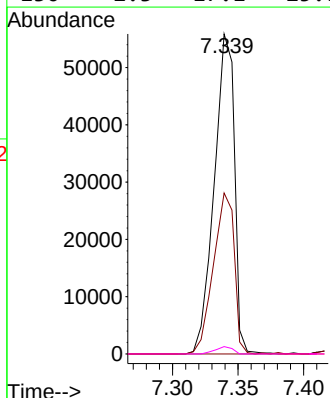
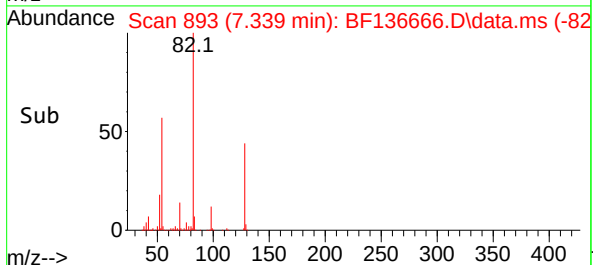
Tgt Ion: 99 Resp: 192787
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 33.1 27.4 41.2

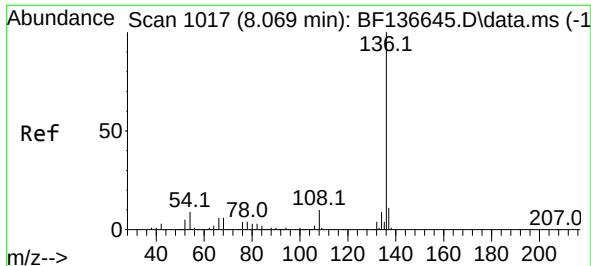


#19
n-Nitroso-di-n-propylamine
Concen: 15.685 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43



Tgt Ion: 70 Resp: 59763
Ion Ratio Lower Upper
70 100
42 50.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



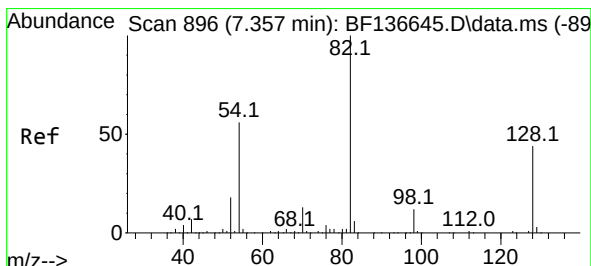
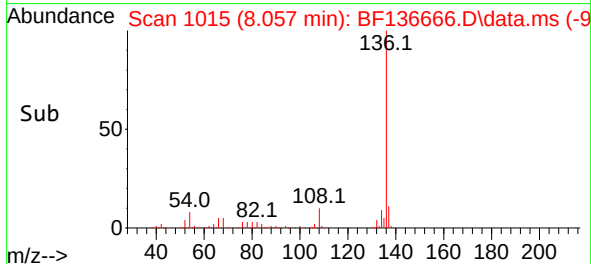
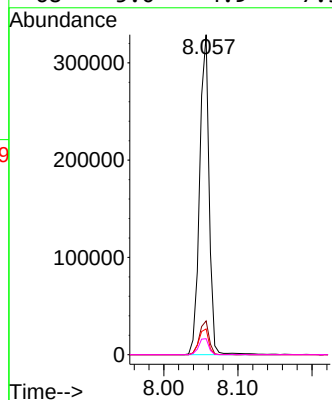
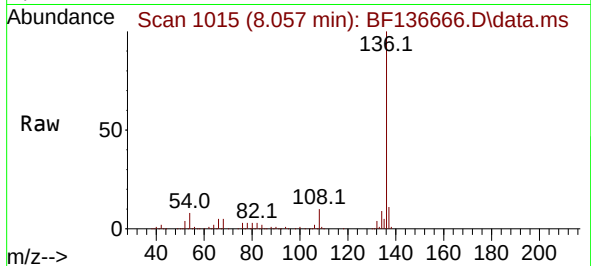


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Instrument :
BNA_F
ClientSampleId :
P3874-SP3

Tgt Ion:136 Resp: 291287

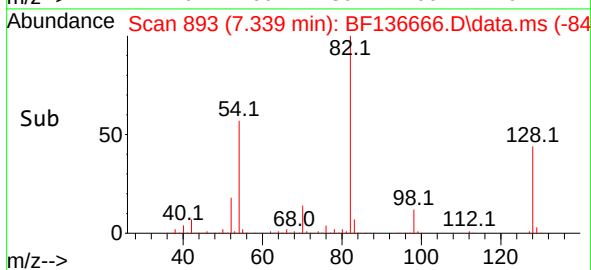
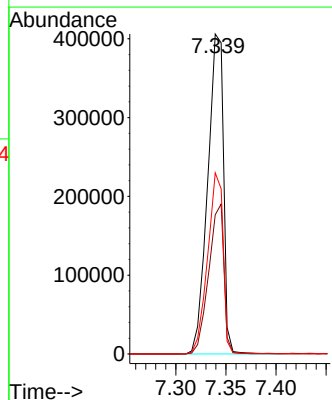
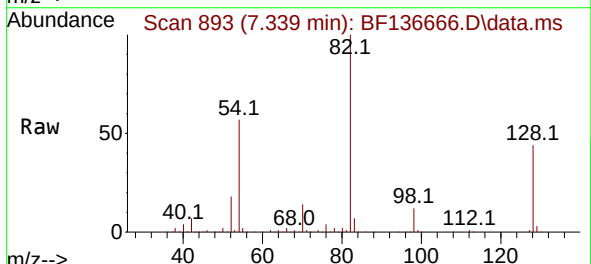
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.1	7.2	10.8
68	5.0	4.9	7.3

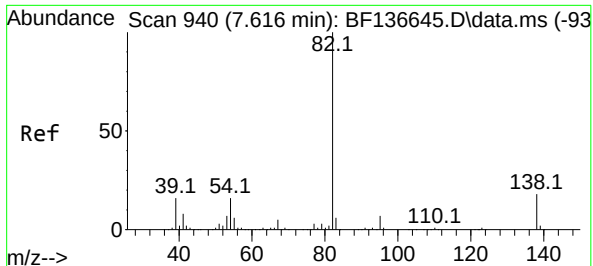


#23
Nitrobenzene-d5
Concen: 78.768 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion: 82 Resp: 448382

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.3	52.9
54	56.6	44.5	66.7

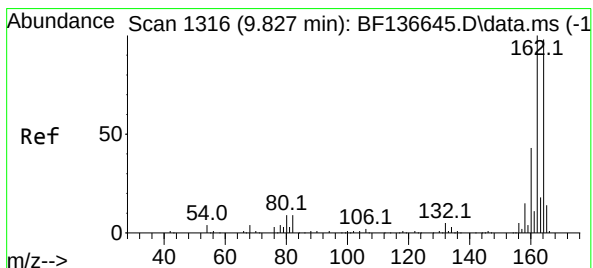
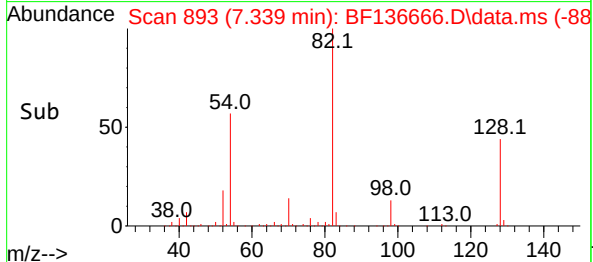
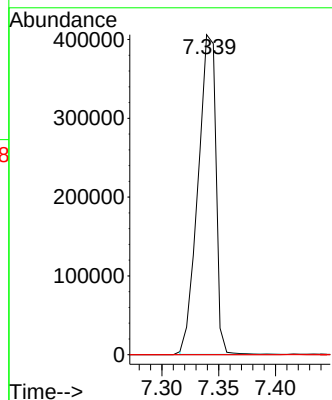
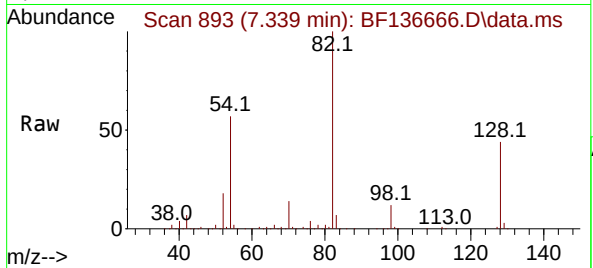




#25
Isophorone
Concen: 42.909 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

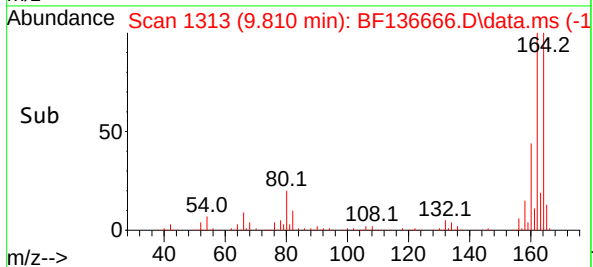
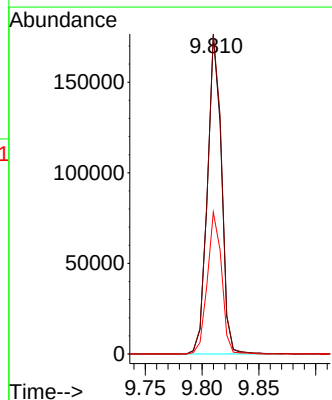
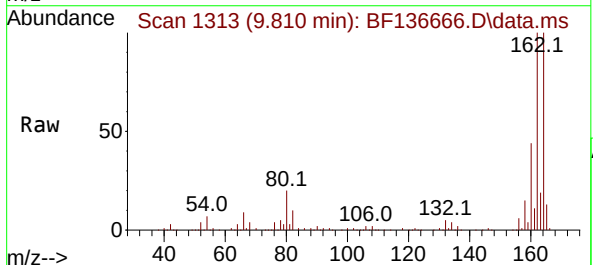
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

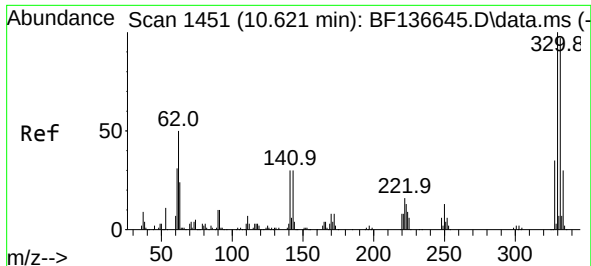
Tgt Ion: 82 Resp: 444454
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion:164 Resp: 150208
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 44.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.917 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Instrument :

BNA_F

ClientSampleId :

P3874-SP3

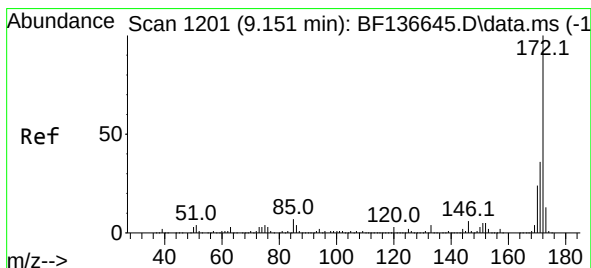
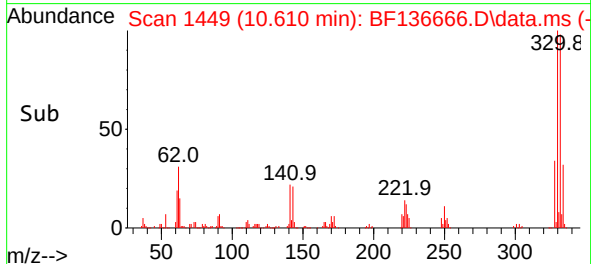
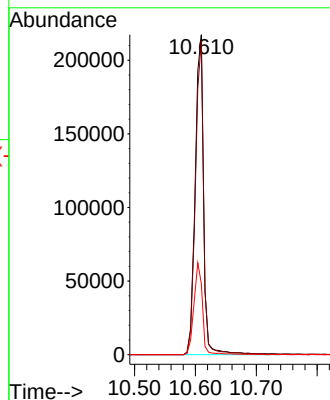
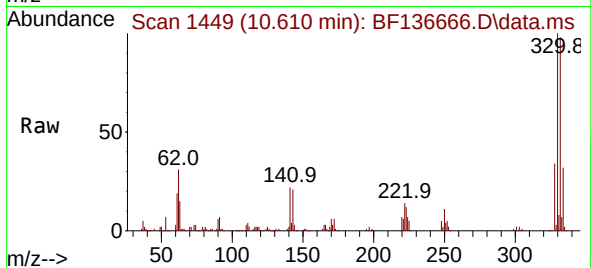
Tgt Ion:330 Resp: 210368

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.800 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

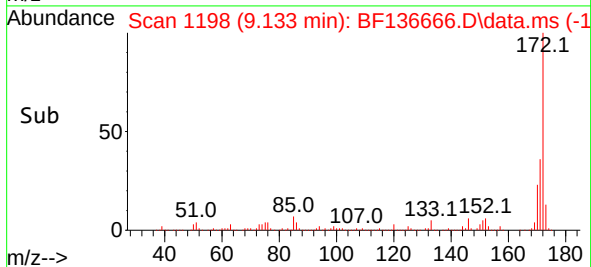
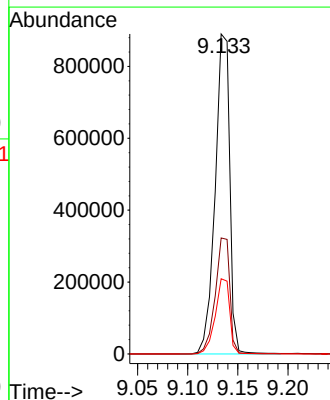
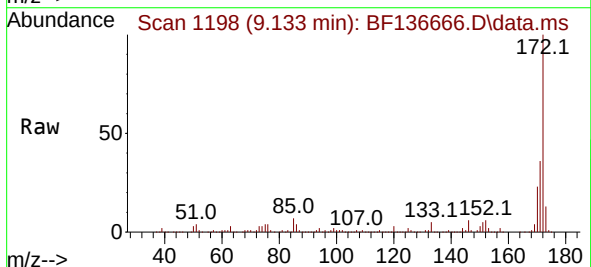
Tgt Ion:172 Resp: 902375

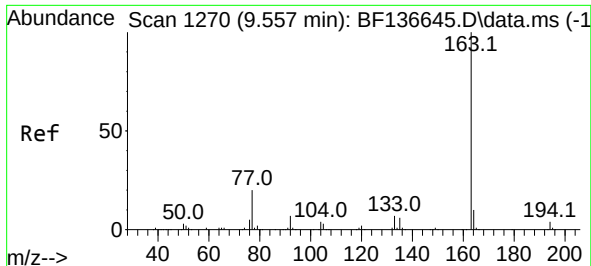
Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 23.5 19.0 28.4

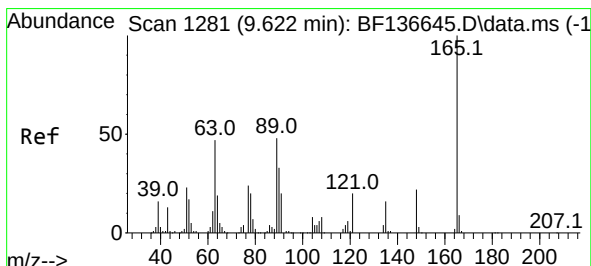
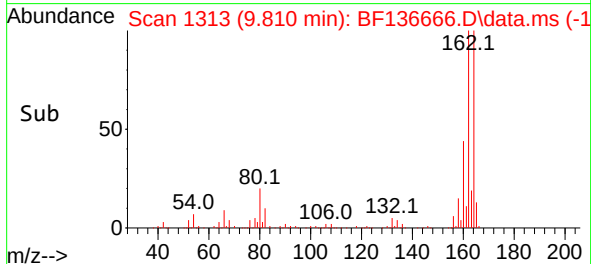
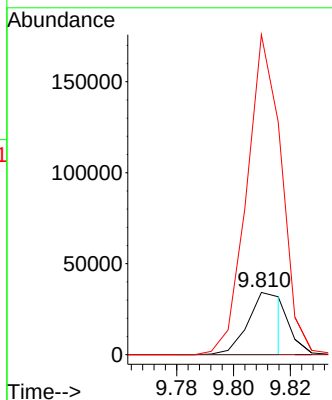
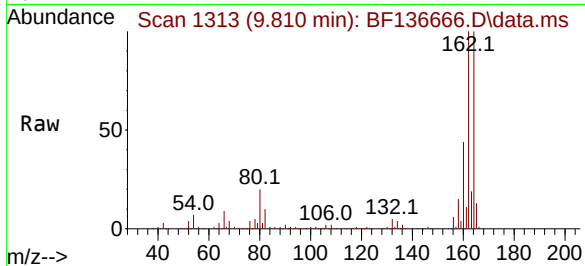




#50
Dimethylphthalate
Concen: 2.656 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

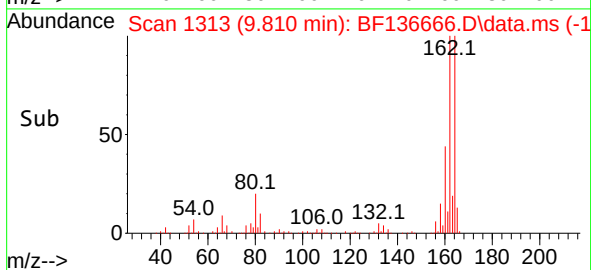
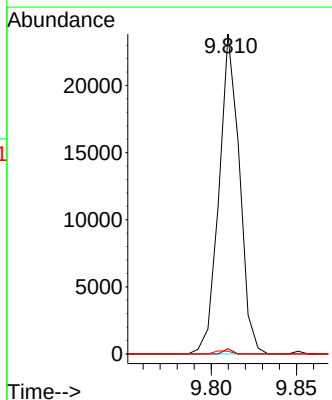
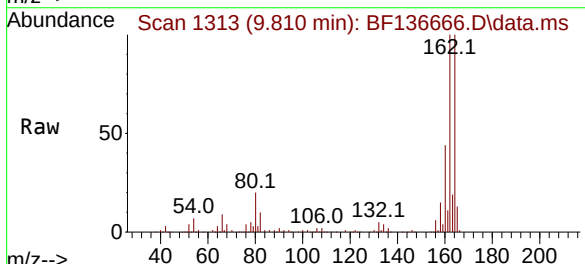
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

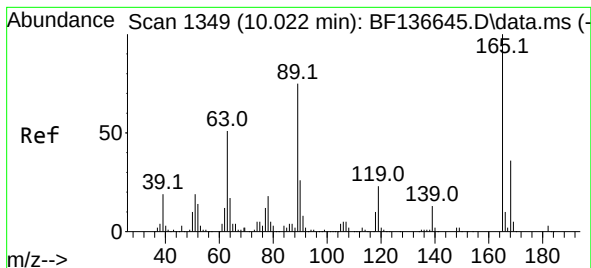
Tgt Ion:163 Resp: 29137
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 513.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion:165 Resp: 19834
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 0.9 38.8 58.2#

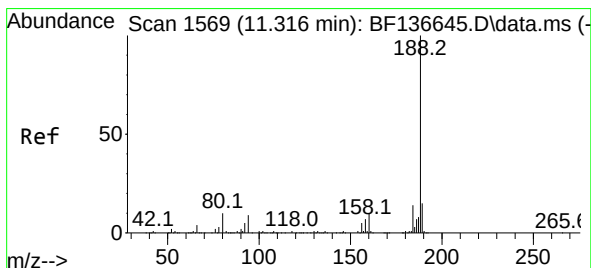
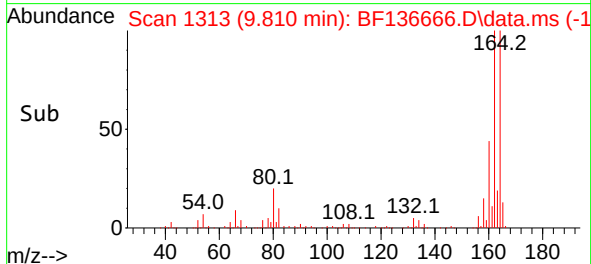
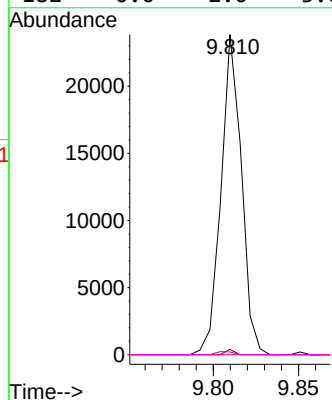
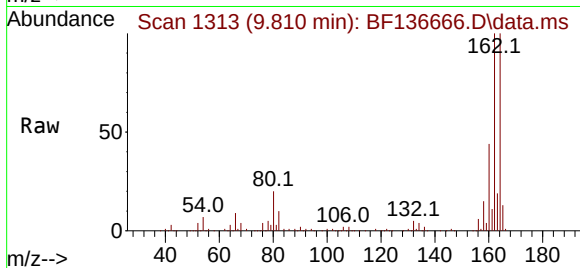




#57
2,4-Dinitrotoluene
Concen: 6.136 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

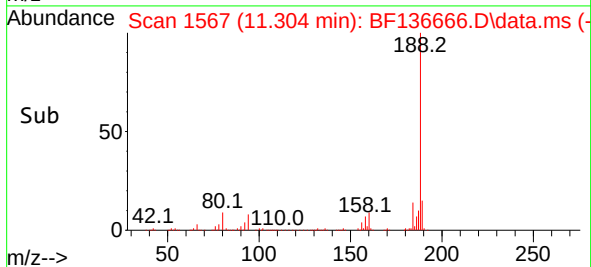
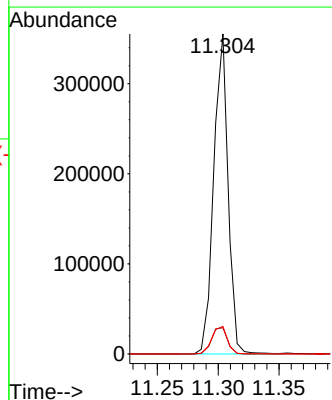
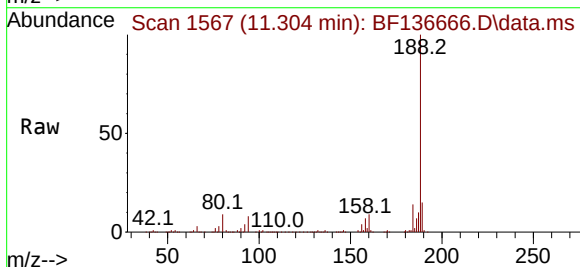
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

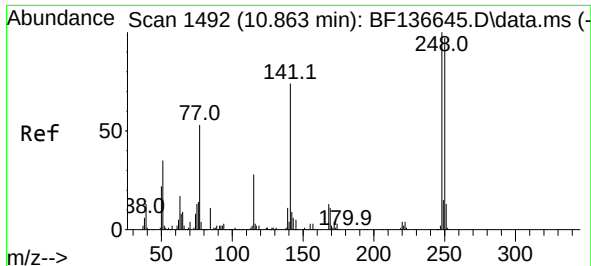
Tgt Ion:165 Resp: 19834
Ion Ratio Lower Upper
165 100
63 1.6 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion:188 Resp: 289977
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.6 8.1 12.1

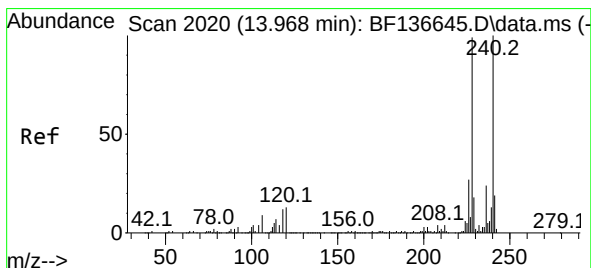
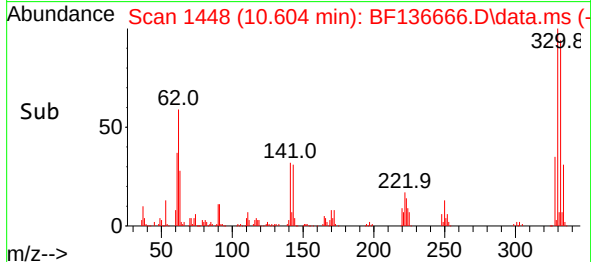
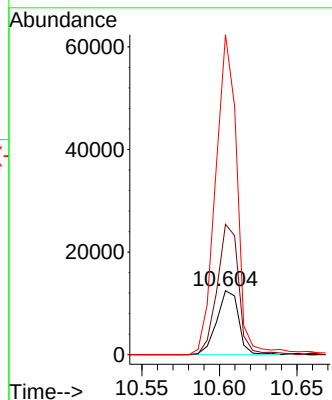
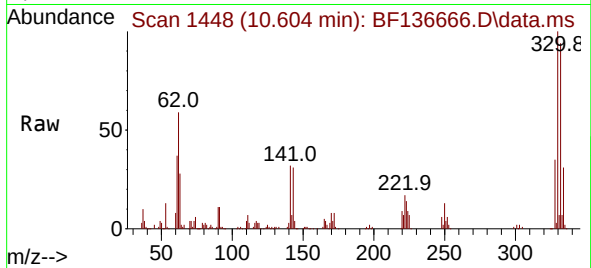




#67
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 10.604 min Scan# 1492
Delta R.T. -0.259 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

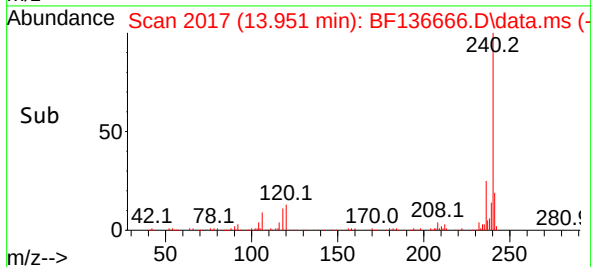
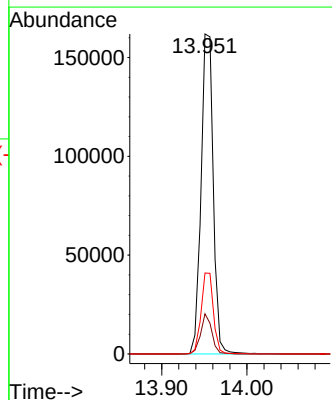
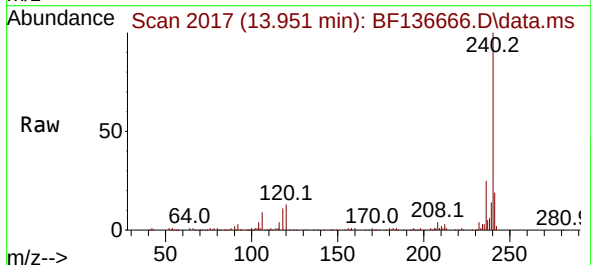
Instrument :
BNA_F
ClientSampleId :
P3874-SP3

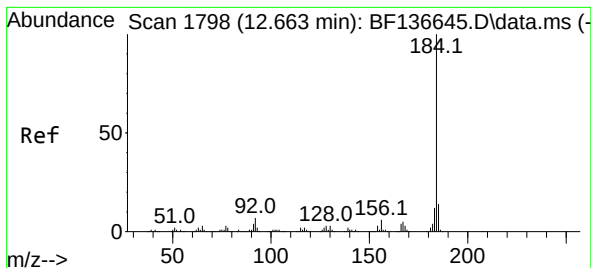
Tgt Ion:248 Resp: 12261
Ion Ratio Lower Upper
248 100
250 203.5 77.8 116.6#
141 499.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Tgt Ion:240 Resp: 161336
Ion Ratio Lower Upper
240 100
120 12.5 10.3 15.5
236 25.3 19.4 29.2





#77

Benzidine

Concen: 2.272 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

Instrument :

BNA_F

ClientSampleId :

P3874-SP3

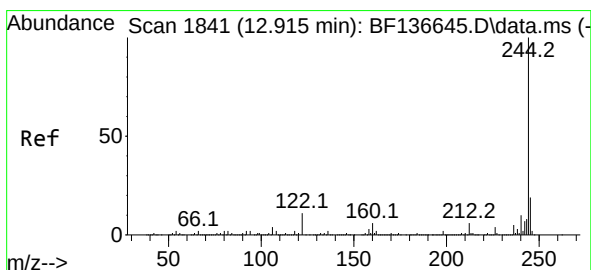
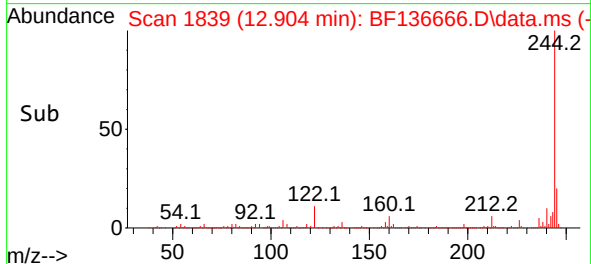
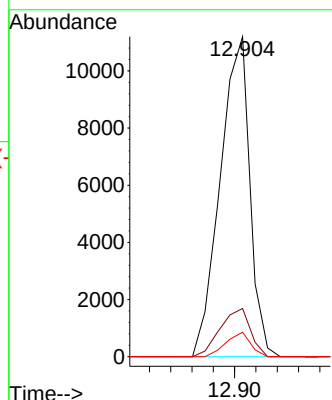
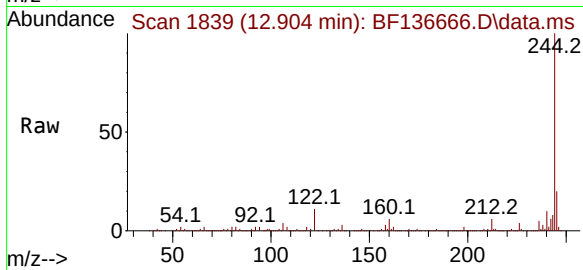
Tgt Ion:184 Resp: 10809

Ion Ratio Lower Upper

184 100

185 15.0 11.2 16.8

183 7.7 9.3 13.9#



#79

Terphenyl-d14

Concen: 80.985 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136666.D

Acq: 21 Dec 2023 12:43

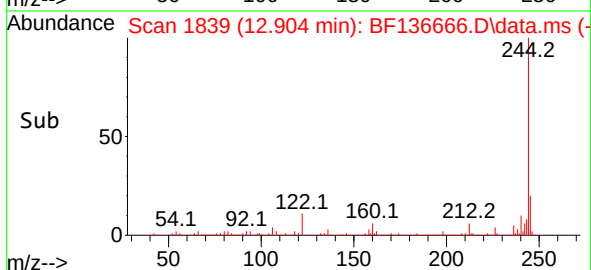
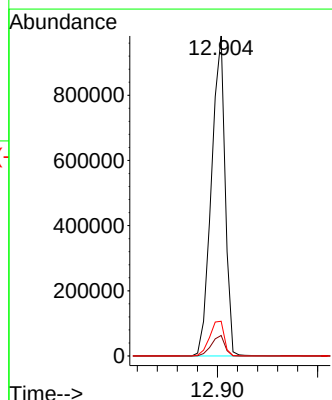
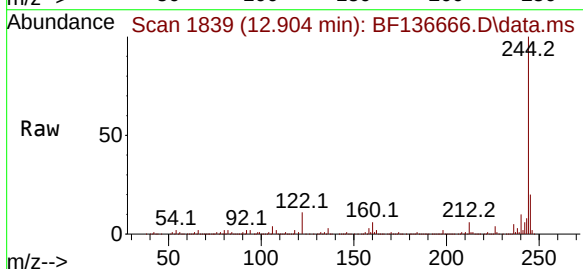
Tgt Ion:244 Resp: 934960

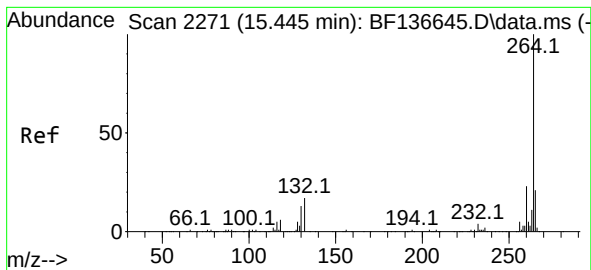
Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

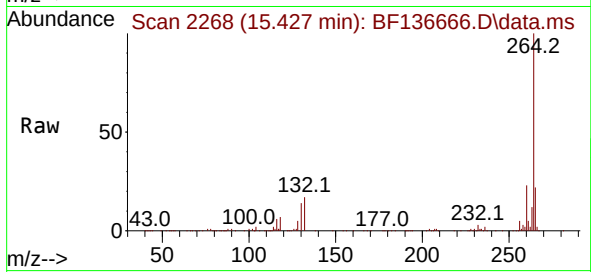
122 10.9 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF136666.D
Acq: 21 Dec 2023 12:43

Instrument :
BNA_F
ClientSampleId :
P3874-SP3



Tgt Ion:264 Resp: 155329

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.5	17.0	25.6

