

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136667.D
 Acq On : 21 Dec 2023 13:14
 Operator : CG\JU
 Sample : 05585-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP4

Quant Time: Dec 21 14:03:31 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)

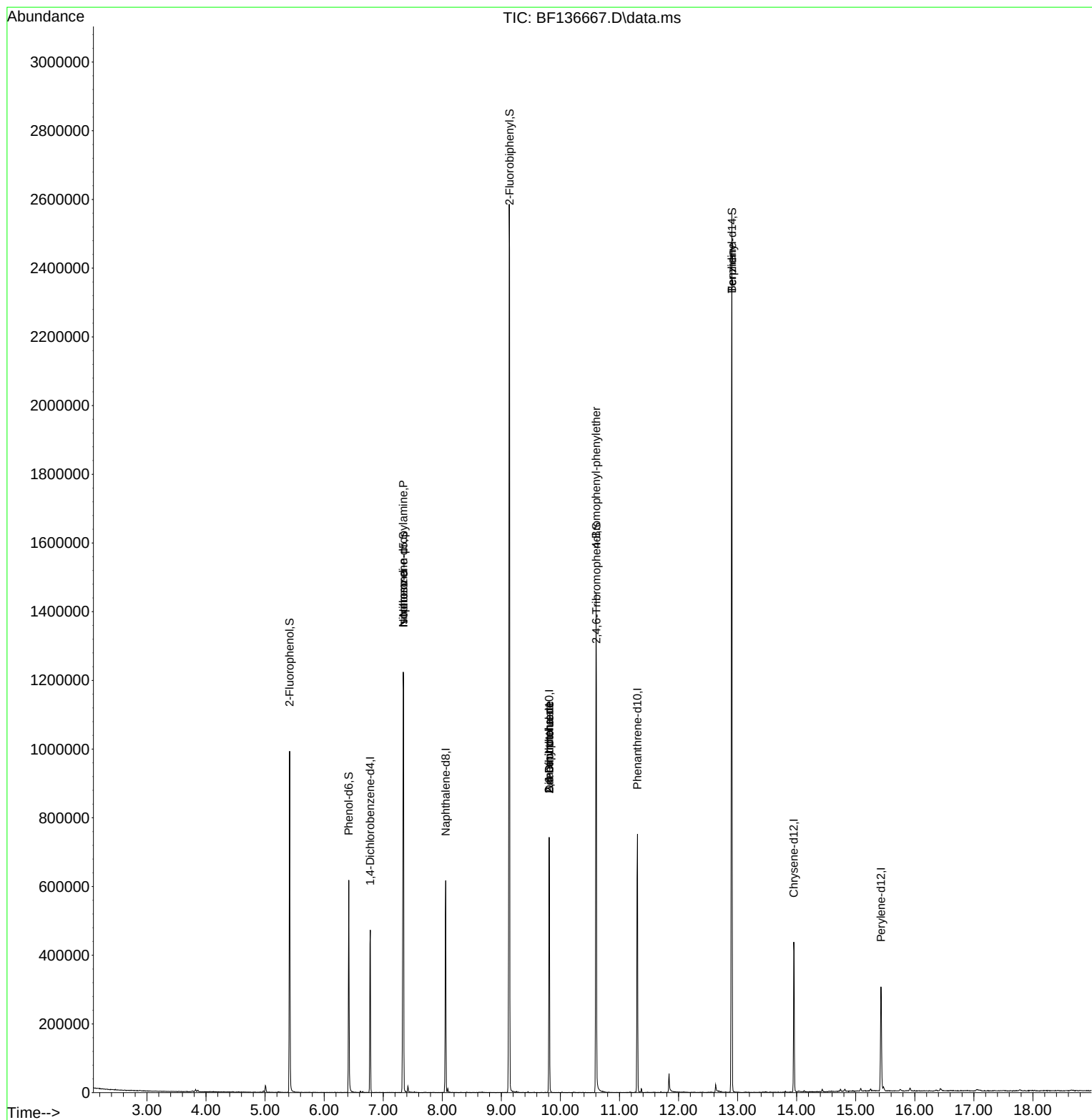
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72208	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	275043	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	141856	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	271180	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	152492	20.000	ng	-0.02
86) Perylene-d12	15.427	264	147607	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	237885	51.403	ng	-0.01
7) Phenol-d6	6.416	99	179842	29.991	ng	-0.02
23) Nitrobenzene-d5	7.340	82	460161	85.612	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	197169	118.018	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	905937	85.895	ng	-0.01
79) Terphenyl-d14	12.904	244	908842	83.288	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	59642	16.407	ng	# 75
25) Isophorone	7.340	82	456696	46.695	ng	# 65
50) Dimethylphthalate	9.810	163	28112	2.713	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	17263	7.341	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	17263	5.655	ng	# 21
67) 4-Bromophenyl-phenylether	10.604	248	11992	3.982	ng	# 1
77) Benzidine	12.904	184	10346	2.301	ng	# 92

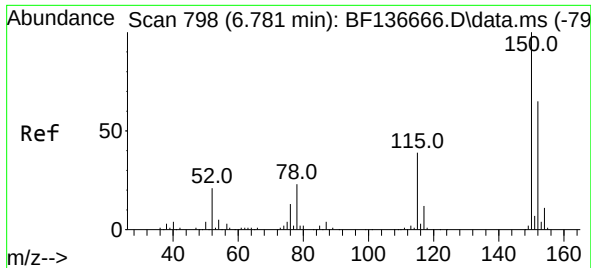
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 21 14:03:31 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

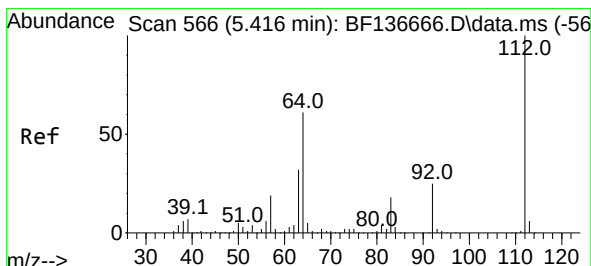
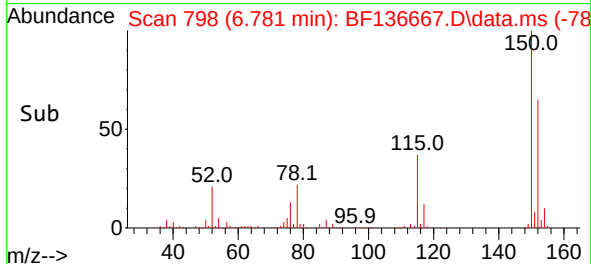
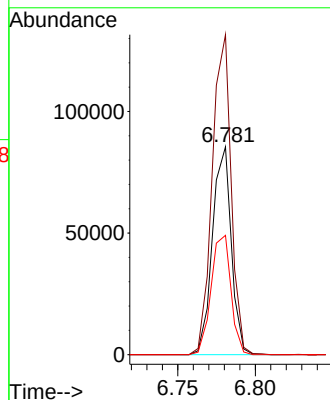
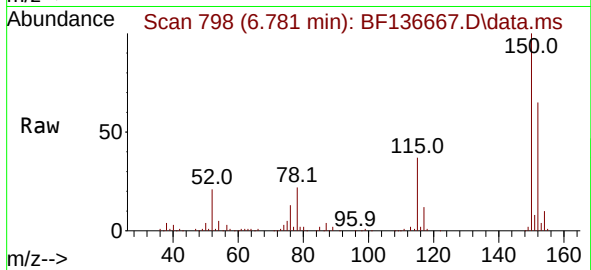




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

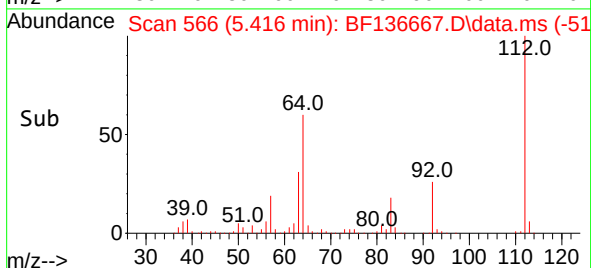
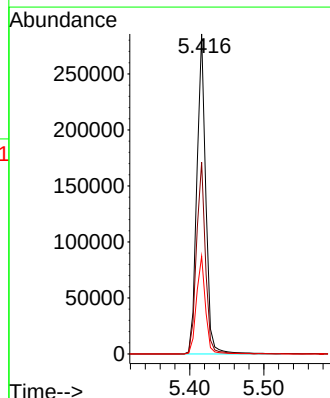
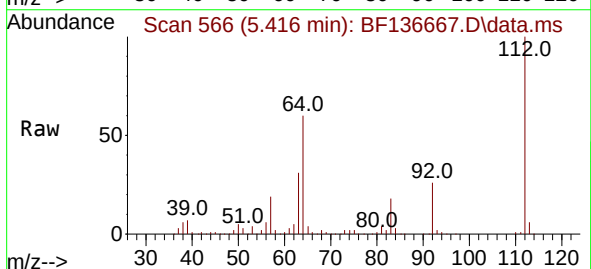
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

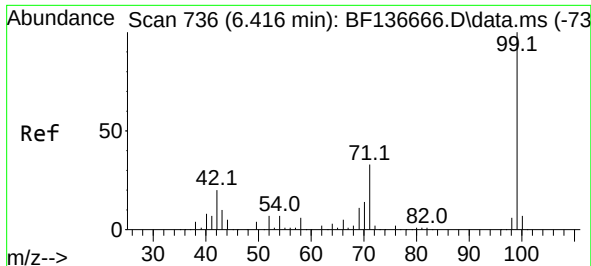
Tgt Ion:152 Resp: 72208
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 51.403 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:112 Resp: 237885
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 30.5 26.1 39.1

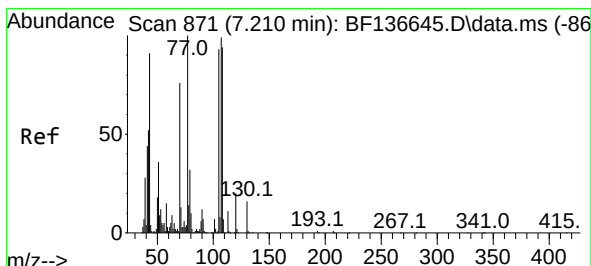
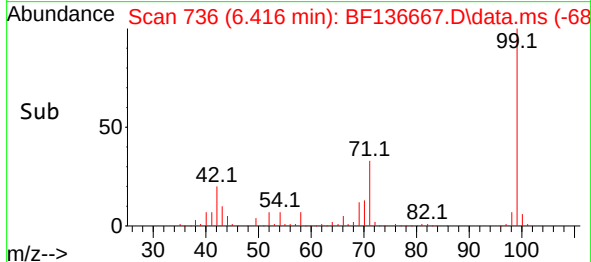
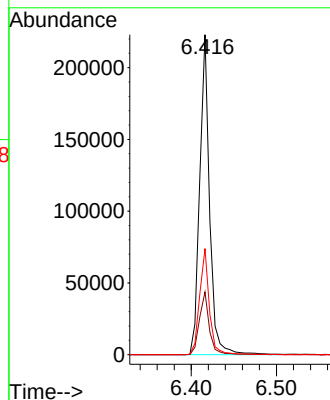
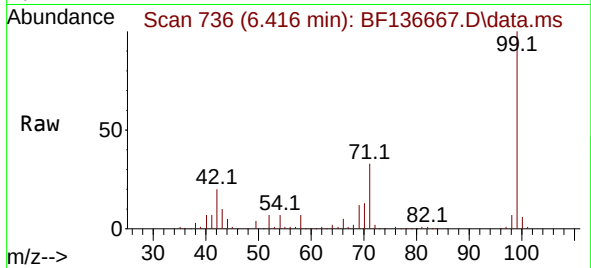




#7
Phenol-d6
Concen: 29.991 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

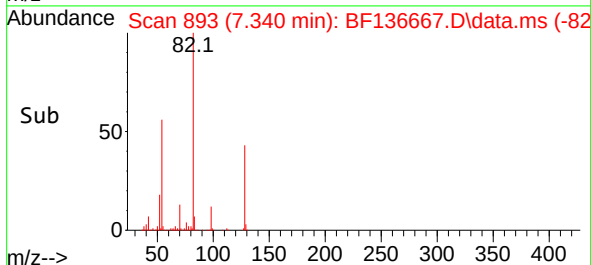
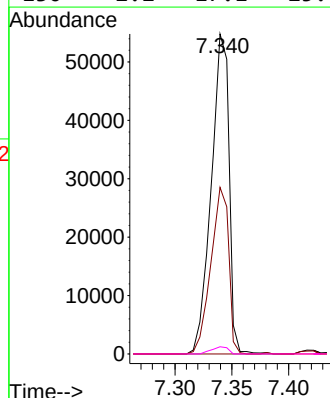
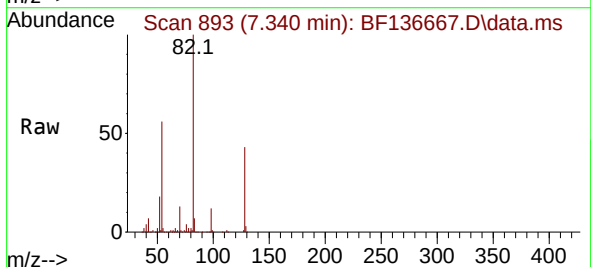
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

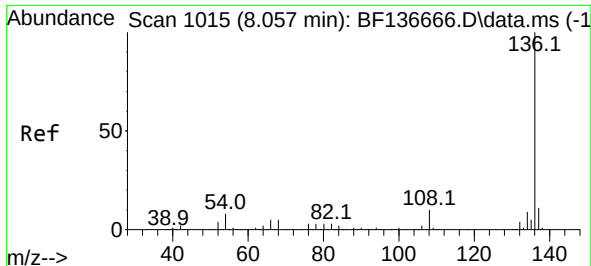
Tgt Ion: 99 Resp: 179842
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.407 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

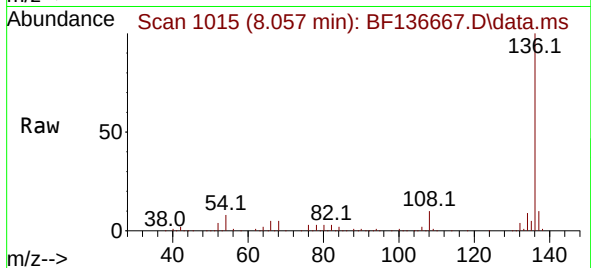
Tgt Ion: 70 Resp: 59642
Ion Ratio Lower Upper
70 100
42 52.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



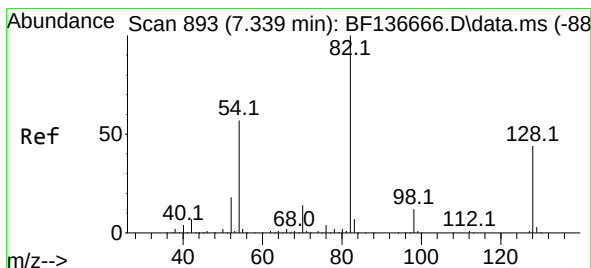
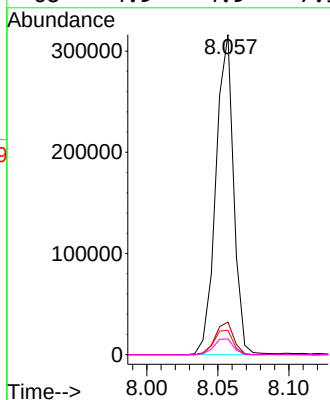
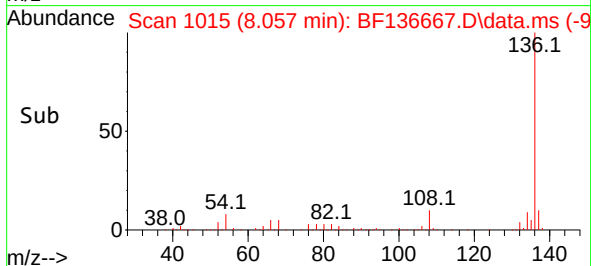


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Instrument :
BNA_F
ClientSampleId :
P3874-SP4

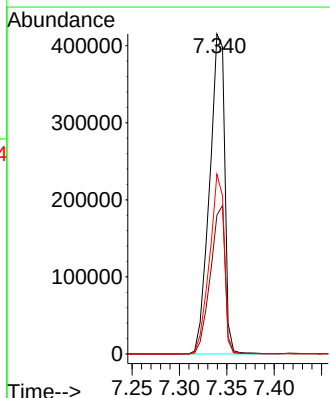
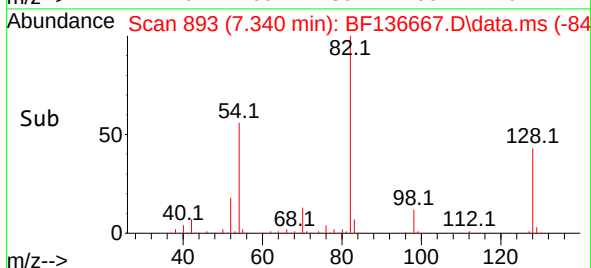
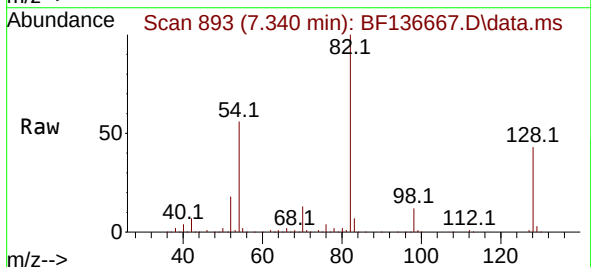


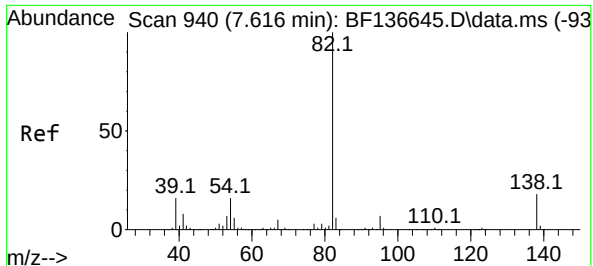
Tgt Ion:	136	Resp:	275043
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	7.6	7.2	10.8
68	4.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 85.612 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:	82	Resp:	460161
Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.3	52.9
54	56.1	44.5	66.7

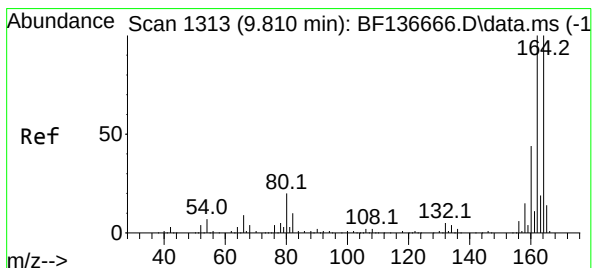
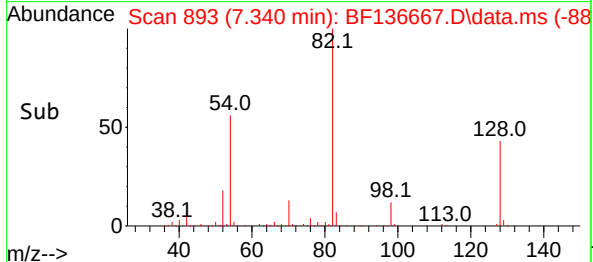
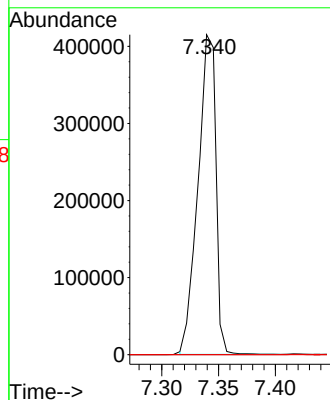
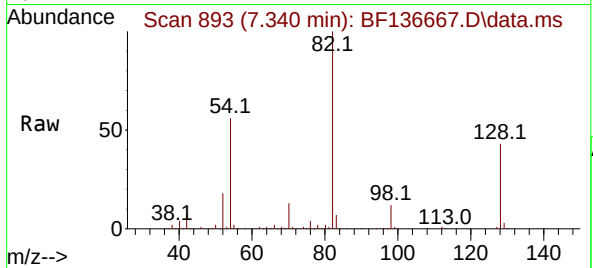




#25
Isophorone
Concen: 46.695 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

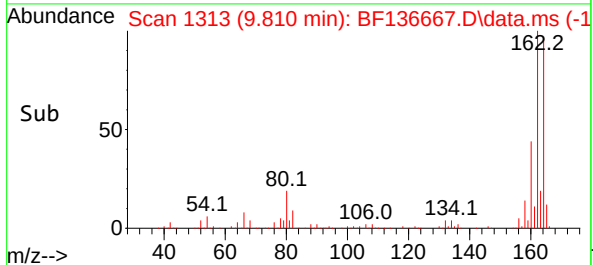
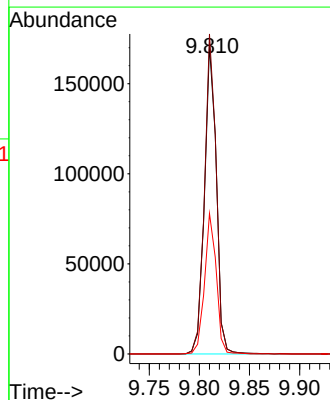
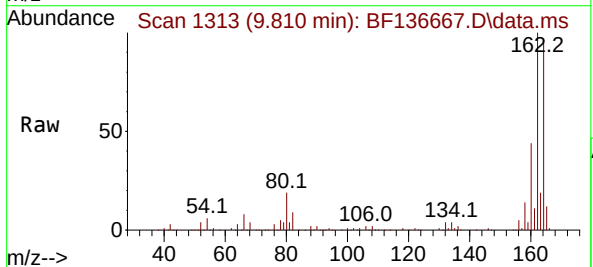
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

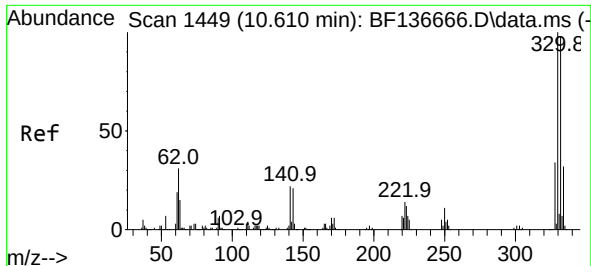
Tgt Ion: 82 Resp: 456696
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:164 Resp: 141856
Ion Ratio Lower Upper
164 100
162 103.9 81.6 122.4
160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.018 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

Instrument :

BNA_F

ClientSampleId :

P3874-SP4

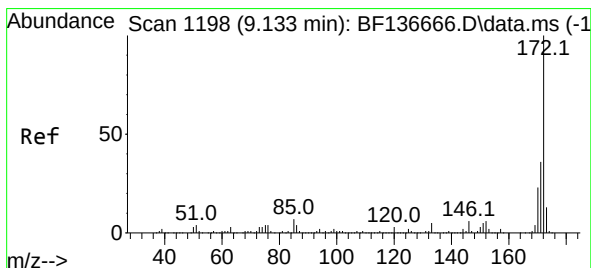
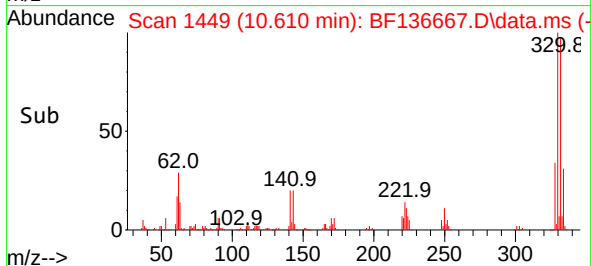
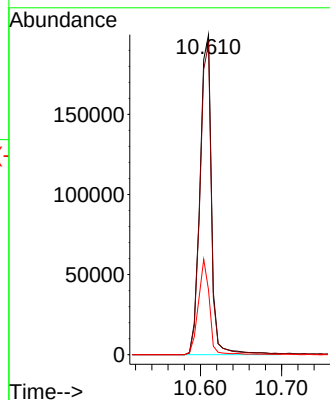
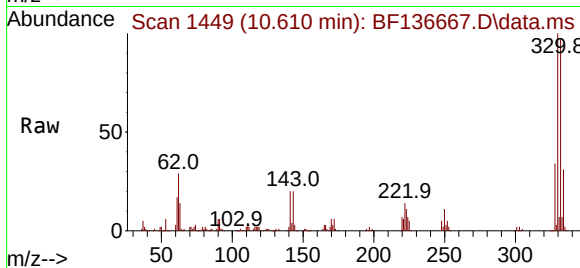
Tgt Ion:330 Resp: 197169

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.895 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

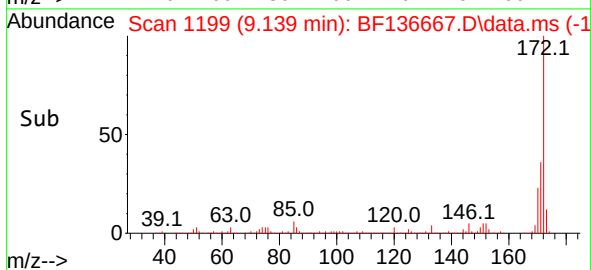
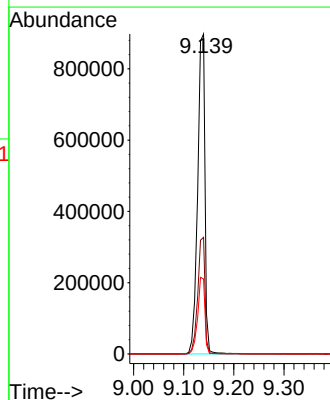
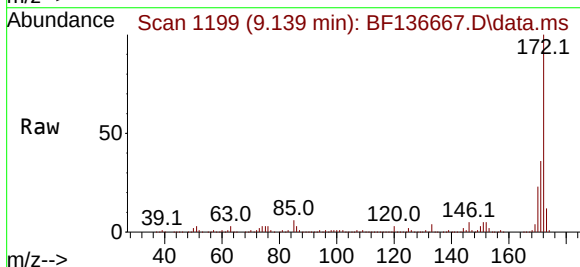
Tgt Ion:172 Resp: 905937

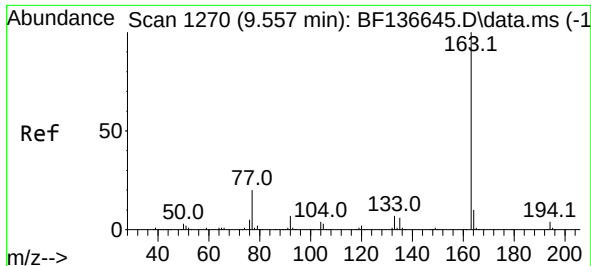
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.4 19.0 28.4

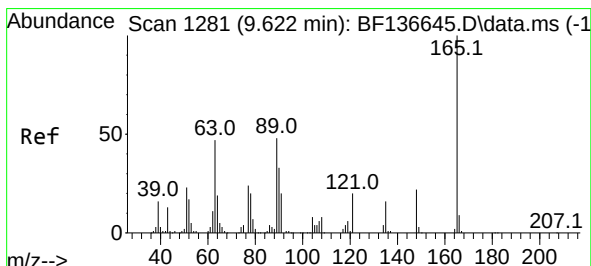
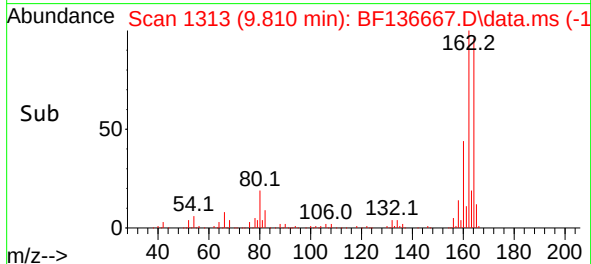
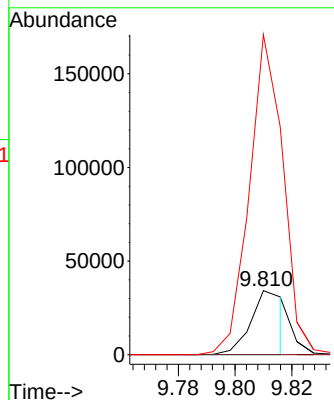
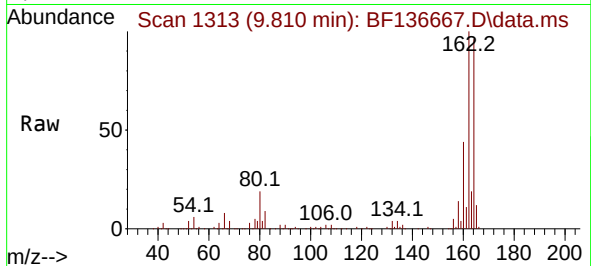




#50
Dimethylphthalate
Concen: 2.713 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

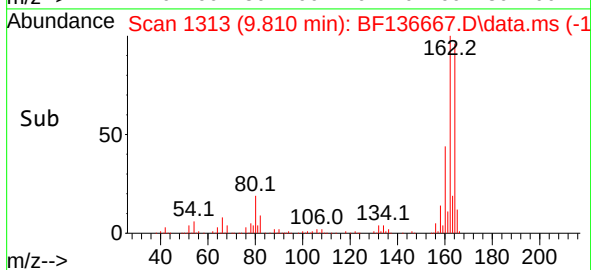
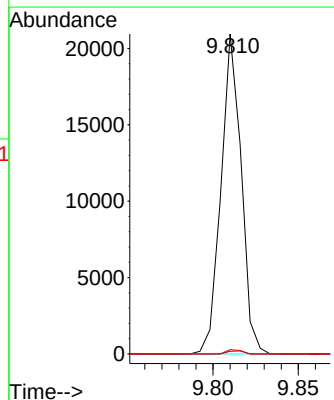
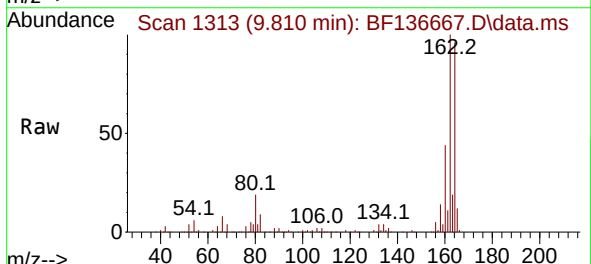
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

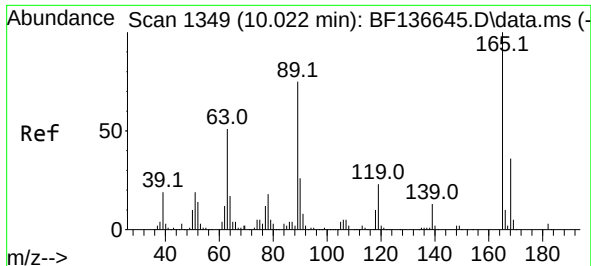
Tgt Ion:163 Resp: 28112
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 499.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.341 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:165 Resp: 17263
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.4 38.8 58.2#

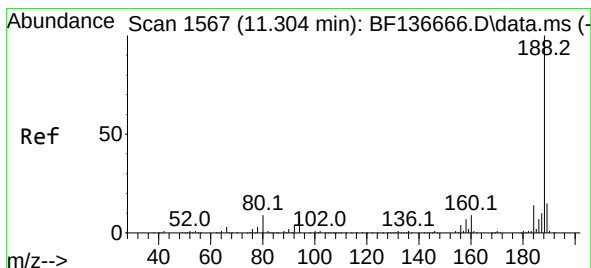
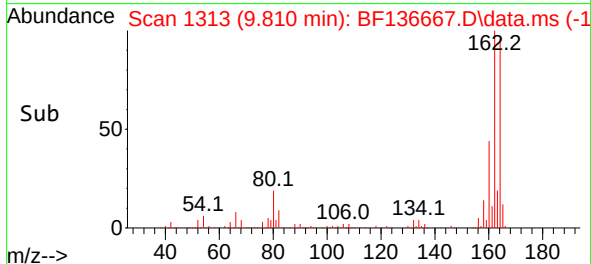
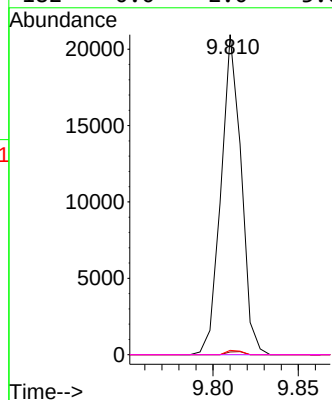
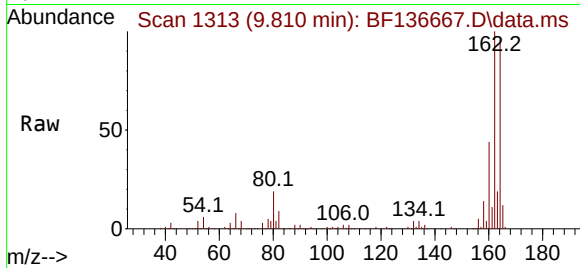




#57
2,4-Dinitrotoluene
Concen: 5.655 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

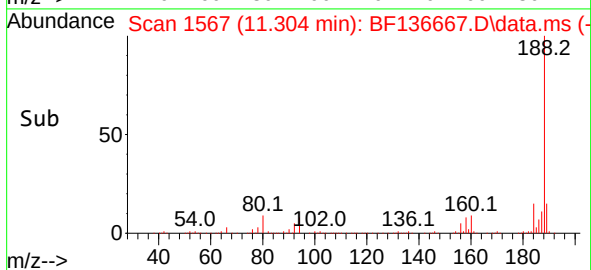
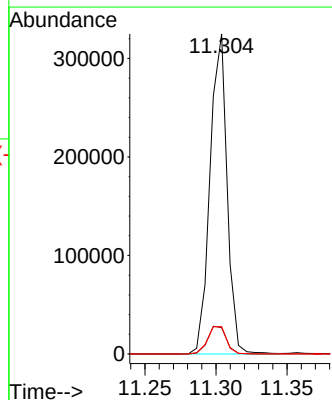
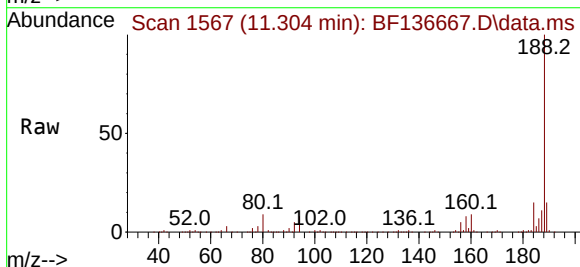
Instrument :
BNA_F
ClientSampleId :
P3874-SP4

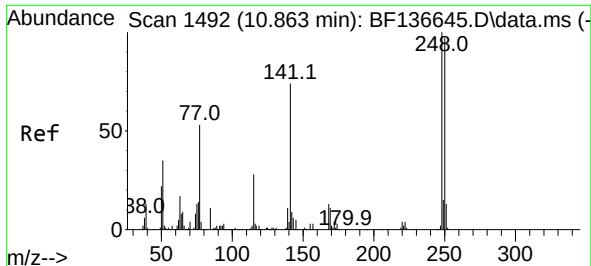
Tgt Ion:165 Resp: 17263
Ion Ratio Lower Upper
165 100
63 0.9 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136667.D
Acq: 21 Dec 2023 13:14

Tgt Ion:188 Resp: 271180
Ion Ratio Lower Upper
188 100
94 8.2 7.5 11.3
80 8.5 8.1 12.1





#67

4-Bromophenyl-phenylether

Concen: 3.982 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.259 min

Lab File: BF136667.D

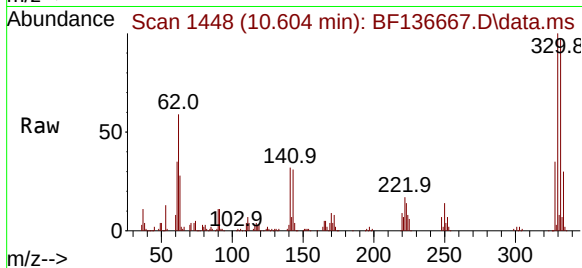
Acq: 21 Dec 2023 13:14

Instrument :

BNA_F

ClientSampleId :

P3874-SP4



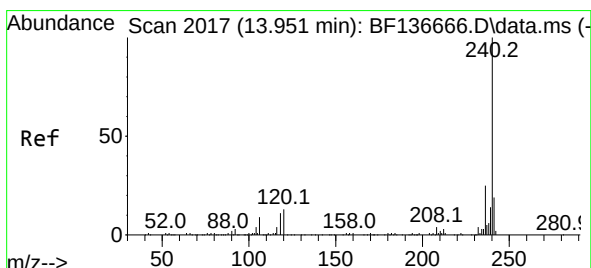
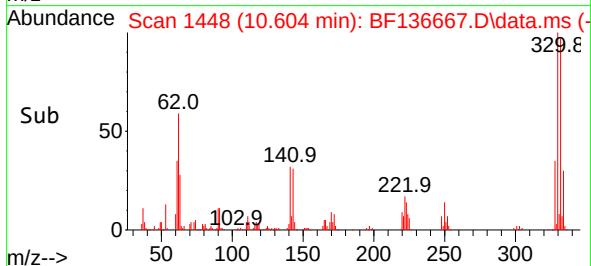
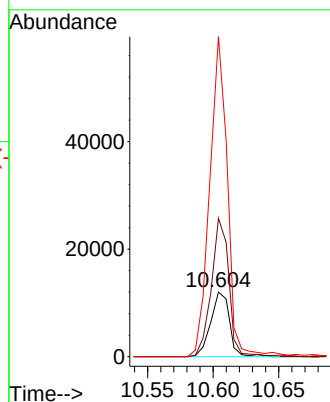
Tgt Ion:248 Resp: 11992

Ion Ratio Lower Upper

248 100

250 214.3 77.8 116.6#

141 495.2 59.2 88.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.017 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

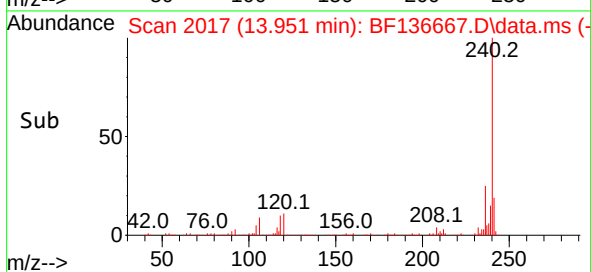
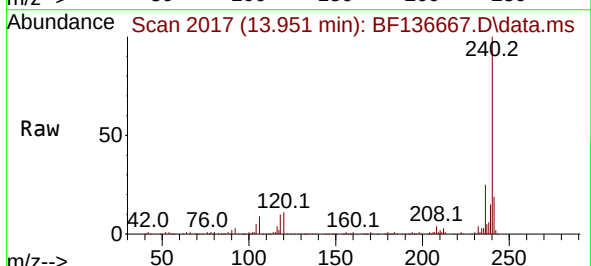
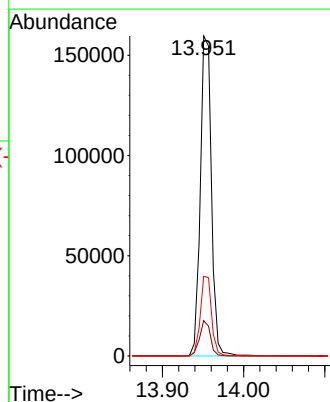
Tgt Ion:240 Resp: 152492

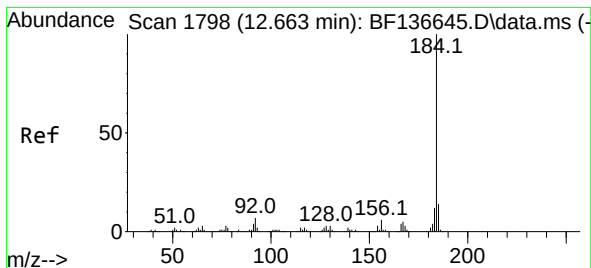
Ion Ratio Lower Upper

240 100

120 11.0 10.3 15.5

236 24.9 19.4 29.2





#77

Benzidine

Concen: 2.301 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

Instrument :

BNA_F

ClientSampleId :

P3874-SP4

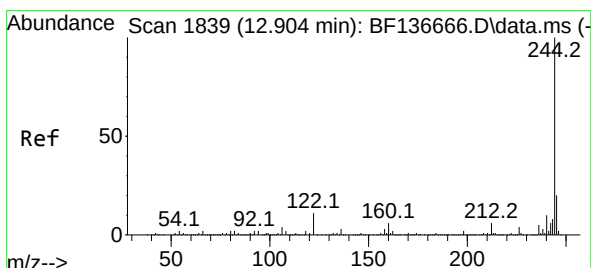
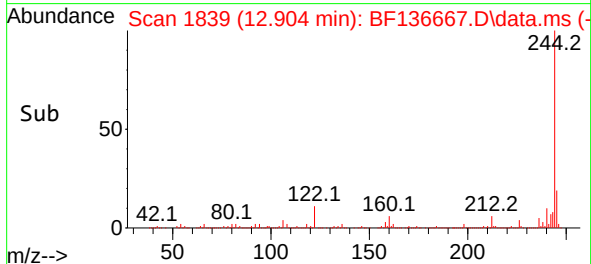
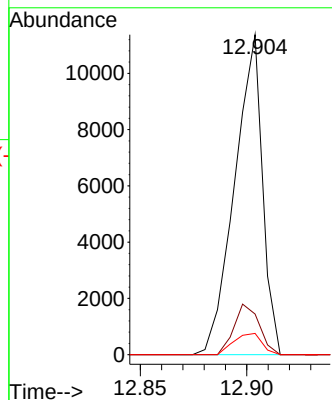
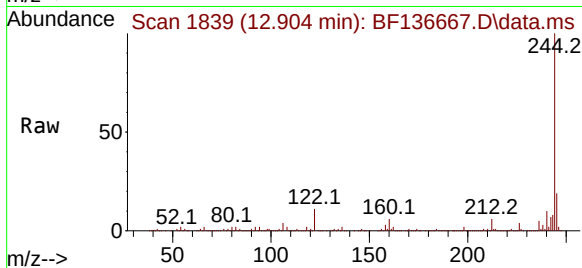
Tgt Ion:184 Resp: 10346

Ion Ratio Lower Upper

184 100

185 12.7 11.2 16.8

183 6.7 9.3 13.9#



#79

Terphenyl-d14

Concen: 83.288 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136667.D

Acq: 21 Dec 2023 13:14

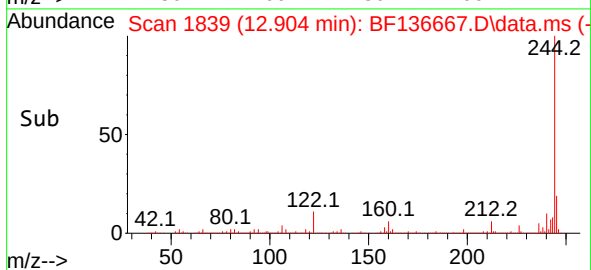
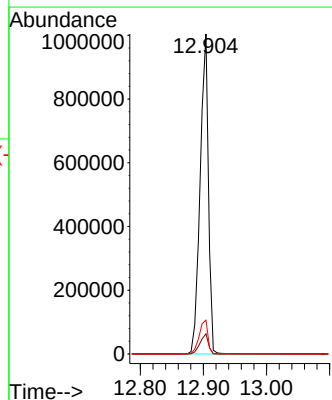
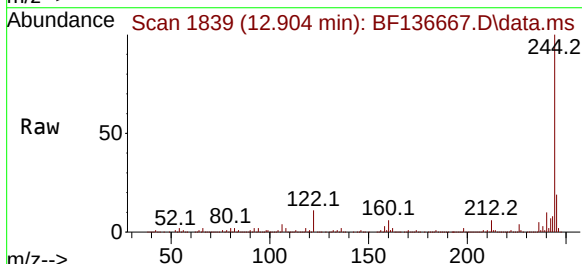
Tgt Ion:244 Resp: 908842

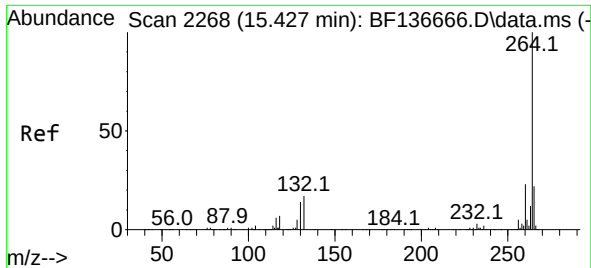
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.427 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF136667.D
 Acq: 21 Dec 2023 13:14

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP4

Tgt Ion:264 Resp: 147607
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 21.4 17.0 25.6

