

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136665.D
 Acq On : 21 Dec 2023 12:11
 Operator : CG\JU
 Sample : 05585-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P3874-SP2

Quant Time: Dec 21 12:51:40 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)

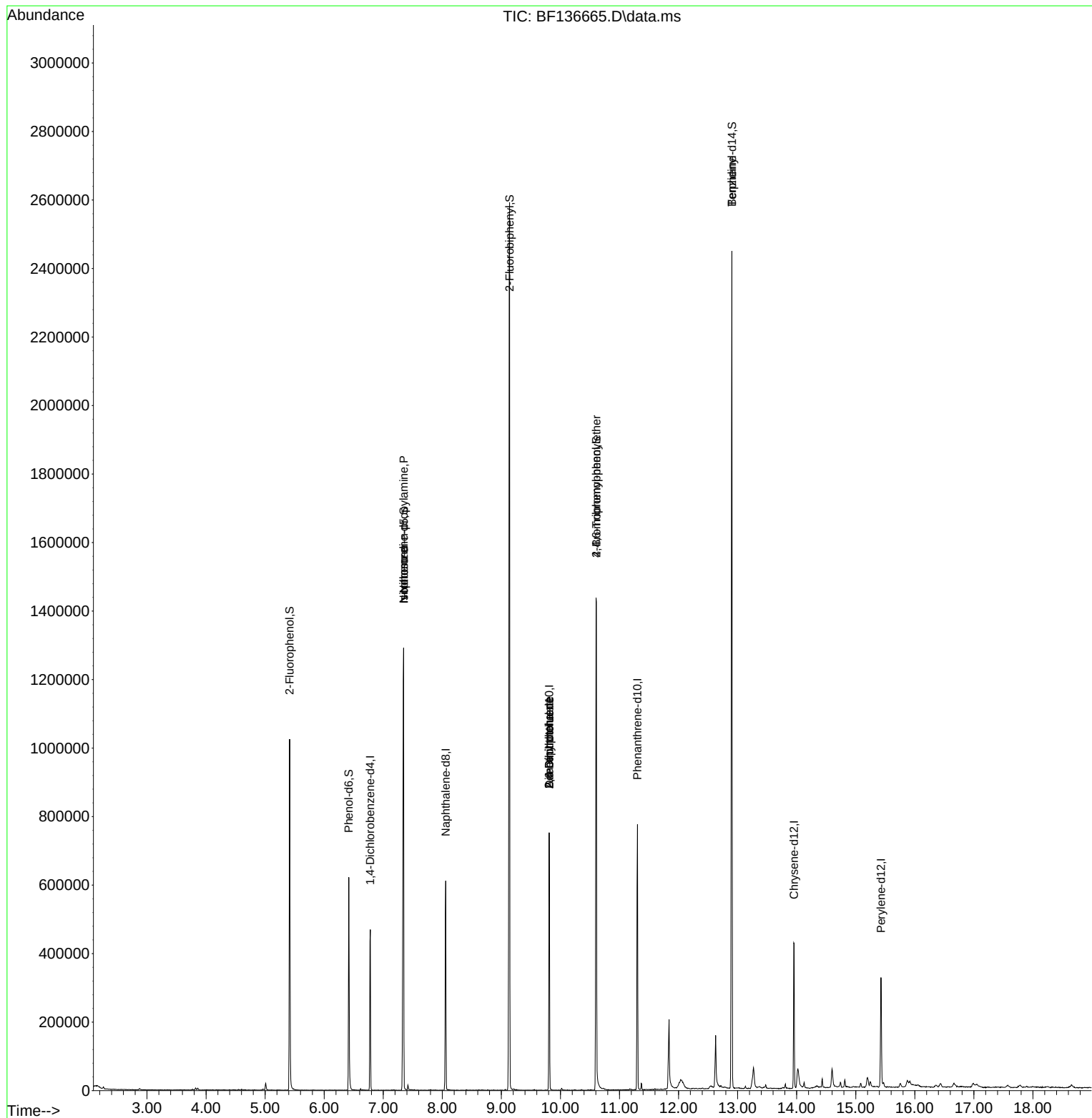
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70050	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	274437	20.000	ng	#-0.01
39) Acenaphthene-d10	9.810	164	142910	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	275987	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	153547	20.000	ng	#-0.01
86) Perylene-d12	15.427	264	146026	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	252799	56.308	ng	-0.01
7) Phenol-d6	6.416	99	189732	32.615	ng	-0.02
23) Nitrobenzene-d5	7.345	82	459603	85.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	209773	124.636	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	910252	85.668	ng	-0.01
79) Terphenyl-d14	12.904	244	905682	82.428	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	62329	17.675	ng	# 74
25) Isophorone	7.345	82	456151	46.743	ng	# 65
50) Dimethylphthalate	9.810	163	28251	2.706	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	18067	7.626	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	18067	5.875	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	12400	4.046	ng	# 1
77) Benzidine	12.904	184	10948	2.418	ng	# 92

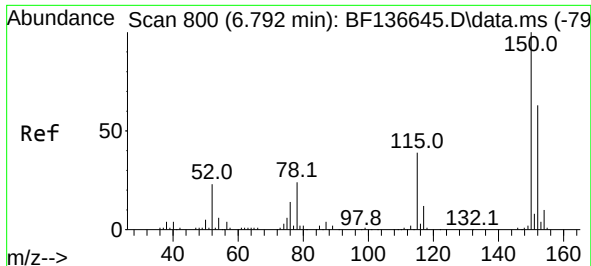
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136665.D
Acq On : 21 Dec 2023 12:11
Operator : CG\JU
Sample : 05585-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P3874-SP2

Quant Time: Dec 21 12:51:40 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

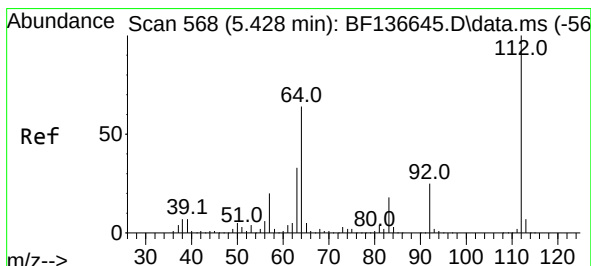
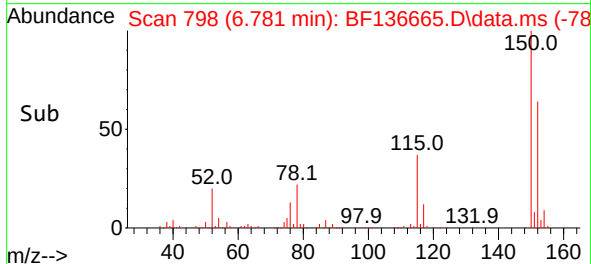
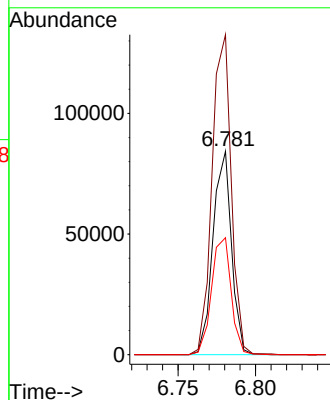
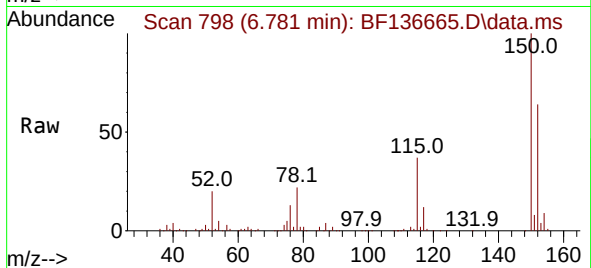




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

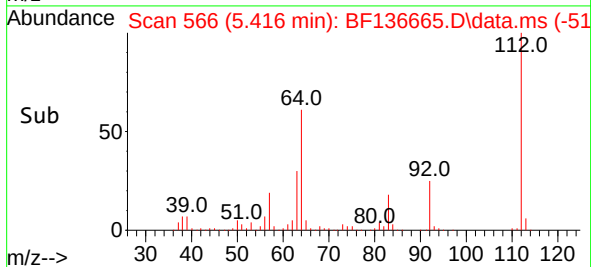
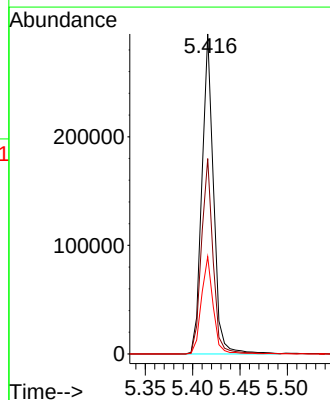
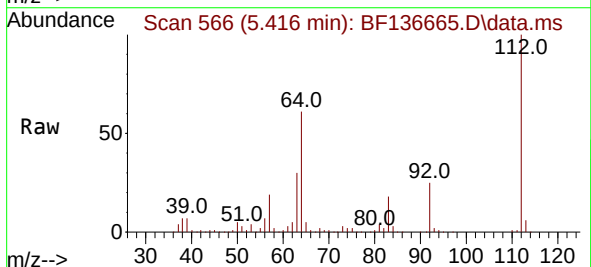
Instrument :
BNA_F
ClientSampleId :
P3874-SP2

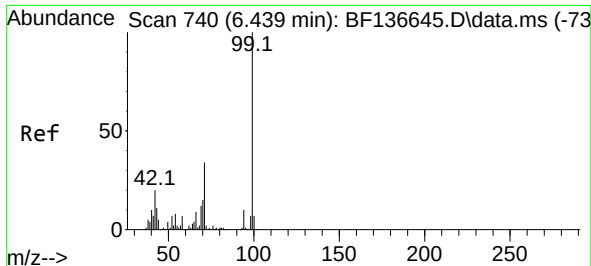
Tgt Ion:152 Resp: 70050
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 56.308 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Tgt Ion:112 Resp: 252799
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 30.4 26.1 39.1





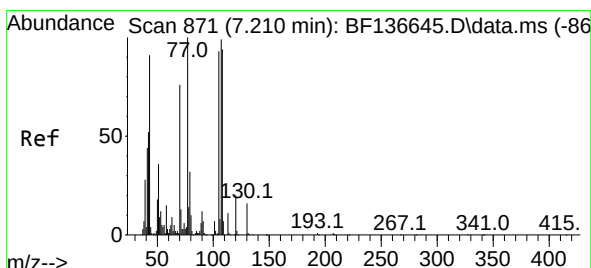
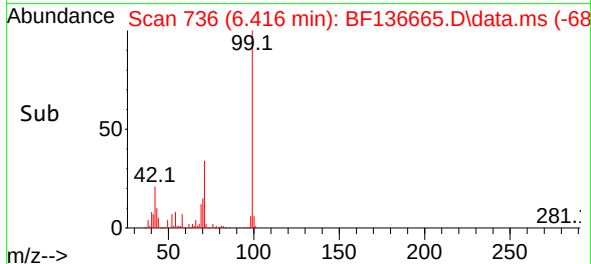
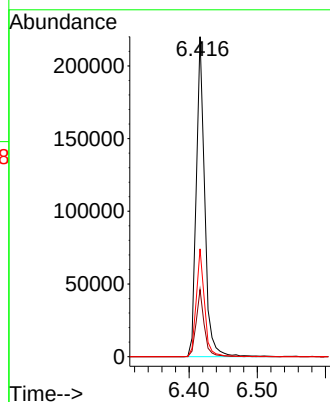
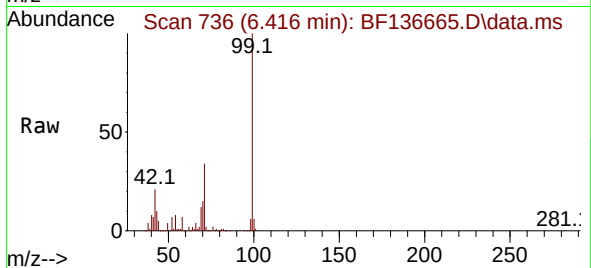
#7
Phenol-d6
Concen: 32.615 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Instrument :

BNA_F

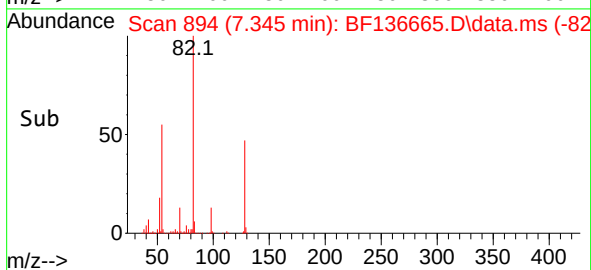
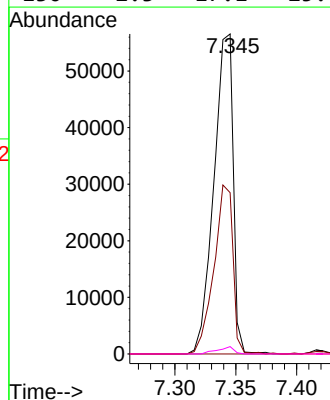
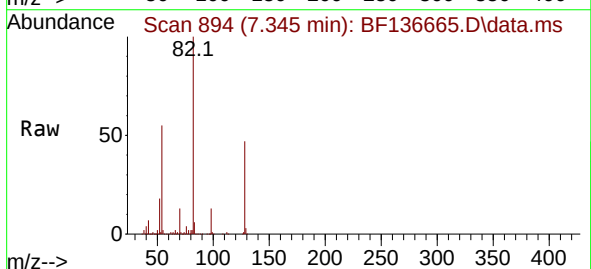
ClientSampleId :
P3874-SP2

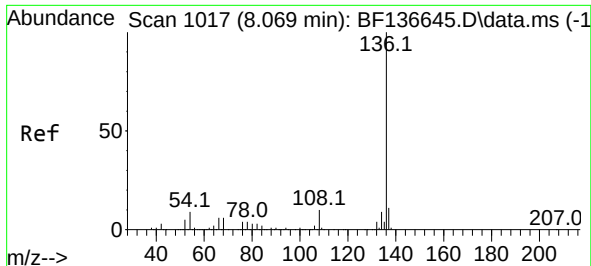
Tgt Ion: 99 Resp: 189732
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.675 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Tgt Ion: 70 Resp: 62329
Ion Ratio Lower Upper
70 100
42 50.4 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#

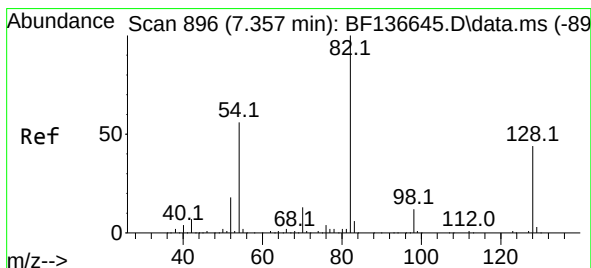
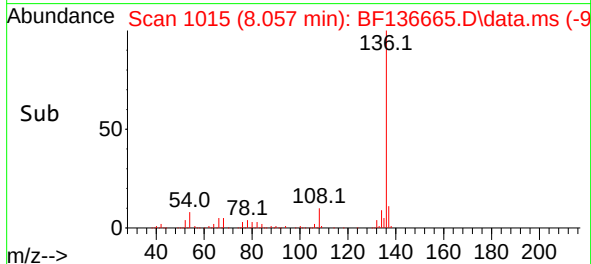
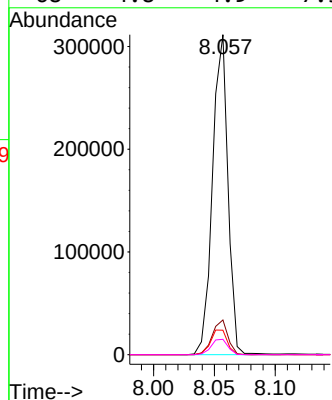
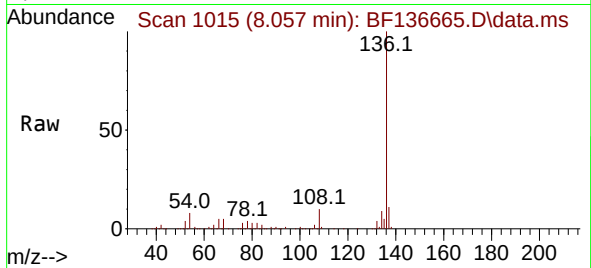




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

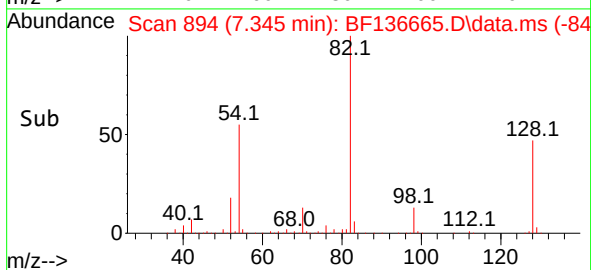
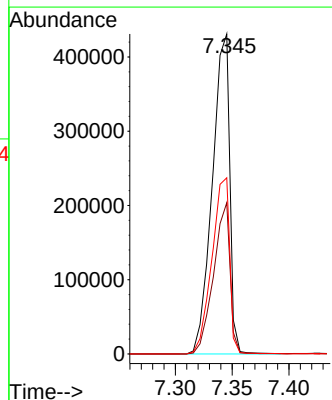
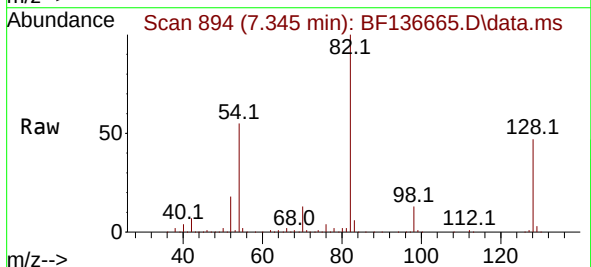
Instrument :
BNA_F
ClientSampleId :
P3874-SP2

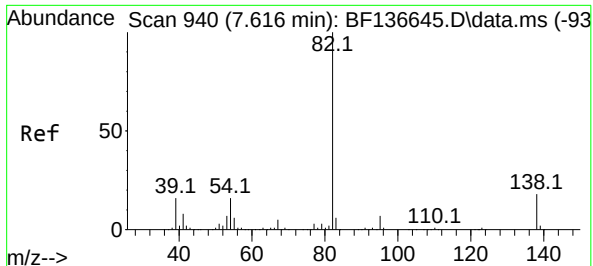
Tgt Ion:136 Resp: 274437
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 7.7 7.2 10.8
68 4.8 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 85.697 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Tgt Ion: 82 Resp: 459603
Ion Ratio Lower Upper
82 100
128 47.2 35.3 52.9
54 55.0 44.5 66.7

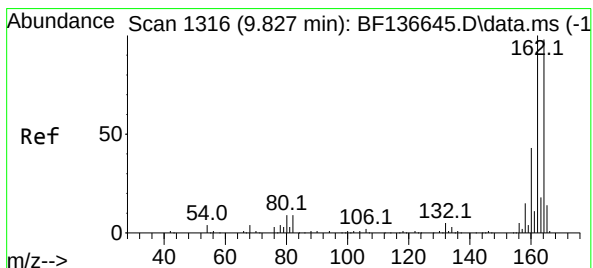
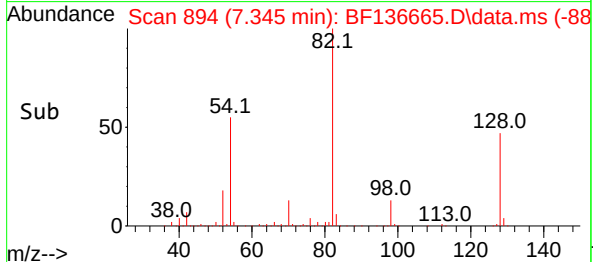
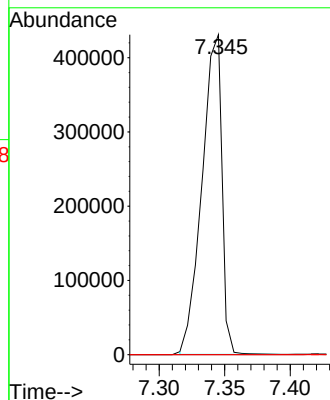
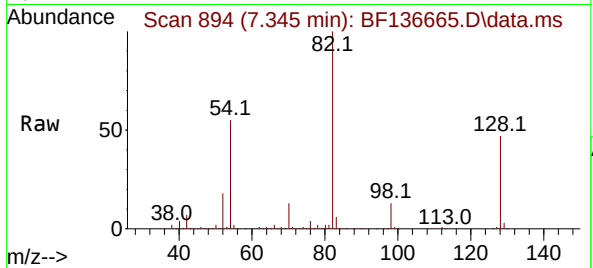




#25
Isophorone
Concen: 46.743 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

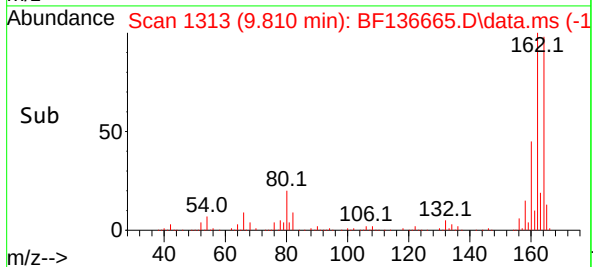
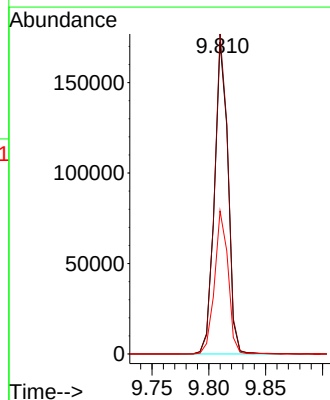
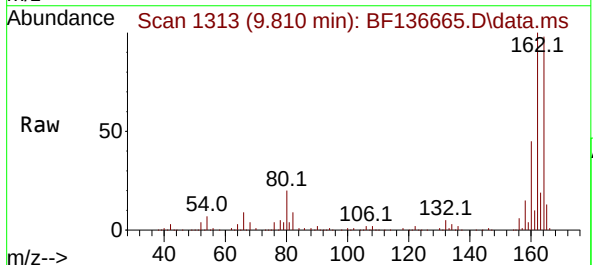
Instrument :
BNA_F
ClientSampleId :
P3874-SP2

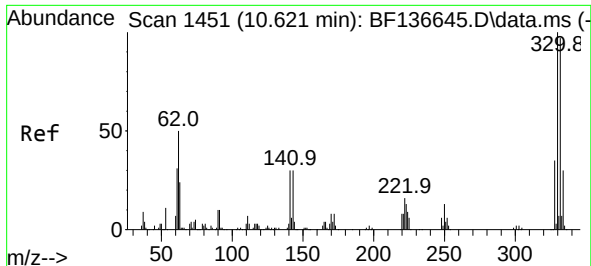
Tgt Ion: 82 Resp: 456151
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Tgt Ion:164 Resp: 142910
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 45.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 124.636 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136665.D

Acq: 21 Dec 2023 12:11

Instrument :

BNA_F

ClientSampleId :

P3874-SP2

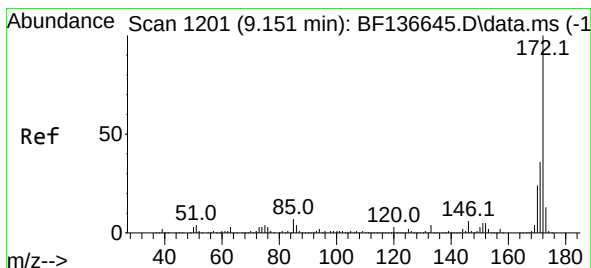
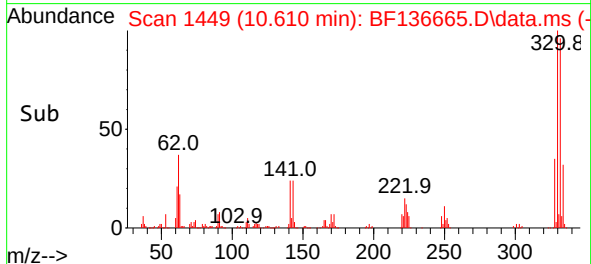
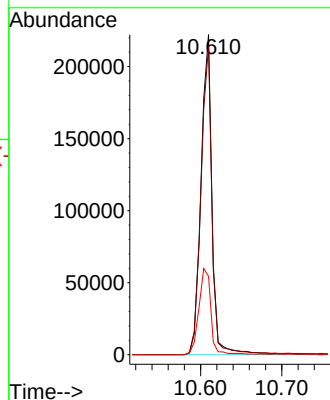
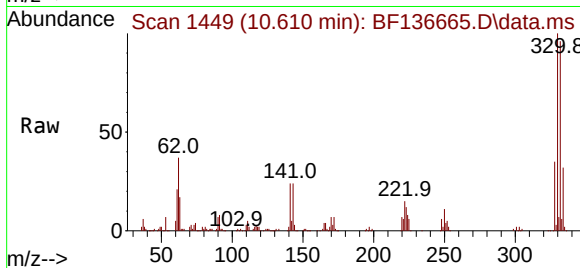
Tgt Ion:330 Resp: 209773

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 85.668 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136665.D

Acq: 21 Dec 2023 12:11

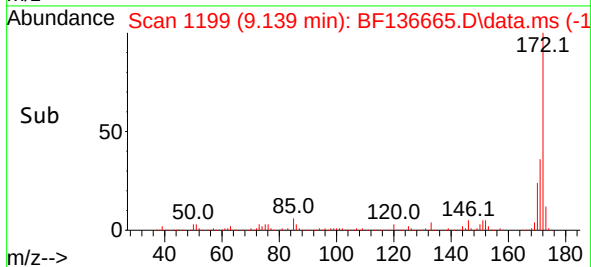
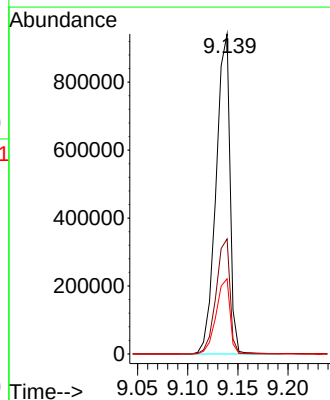
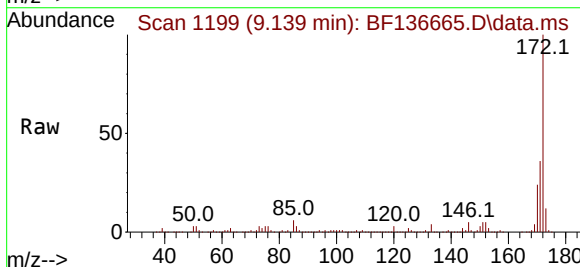
Tgt Ion:172 Resp: 910252

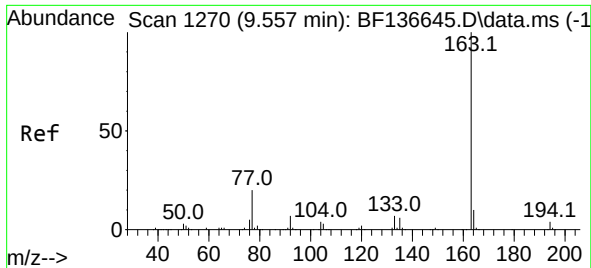
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.5 19.0 28.4

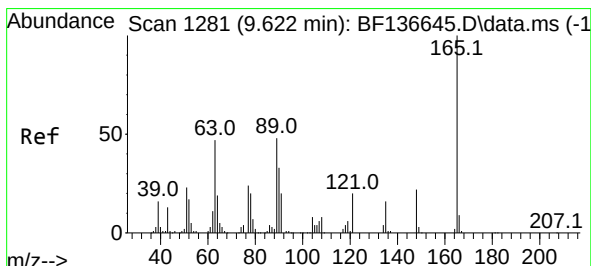
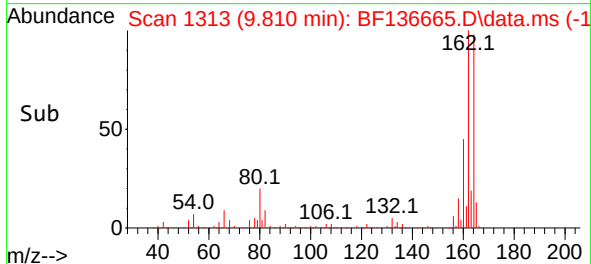
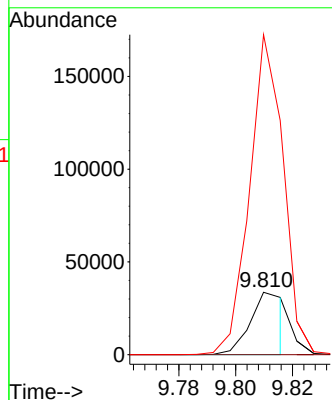
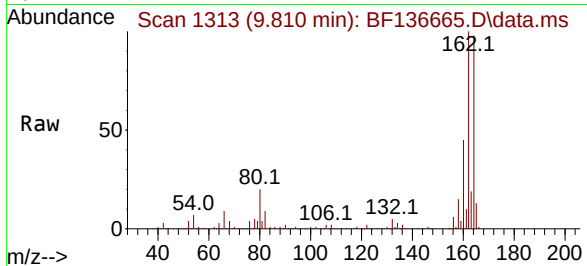




#50
Dimethylphthalate
Concen: 2.706 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

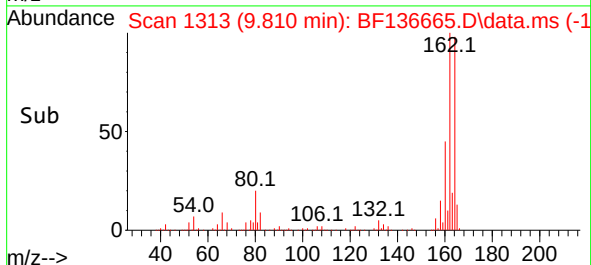
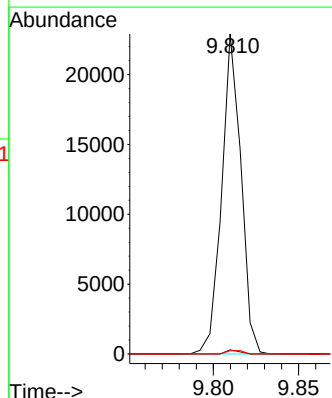
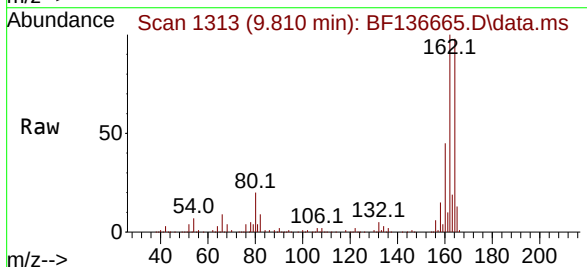
Instrument :
BNA_F
ClientSampleId :
P3874-SP2

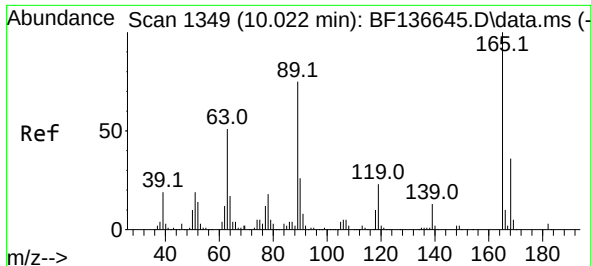
Tgt Ion:163 Resp: 28251
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 512.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.626 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

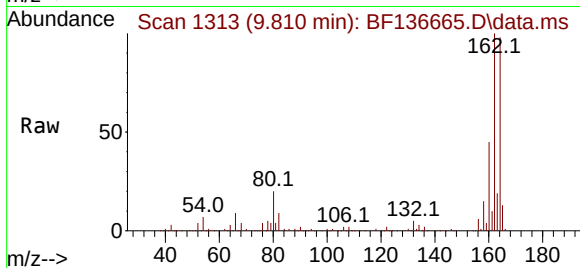
Tgt Ion:165 Resp: 18067
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.0 38.8 58.2#



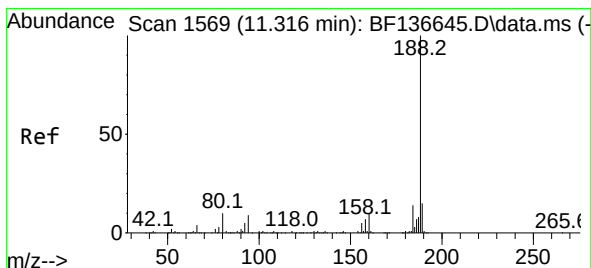
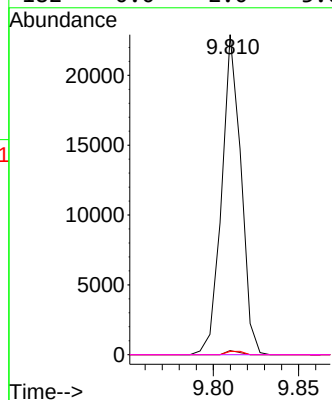
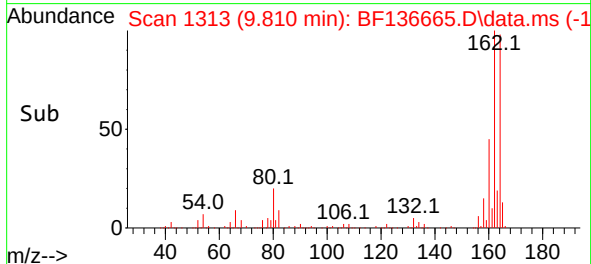


#57
2,4-Dinitrotoluene
Concen: 5.875 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Instrument :
BNA_F
ClientSampleId :
P3874-SP2

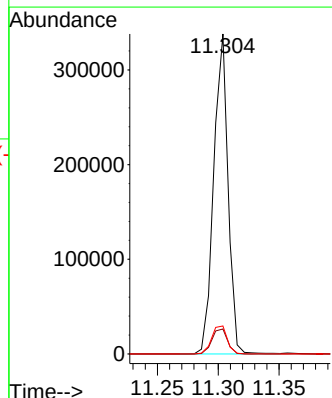
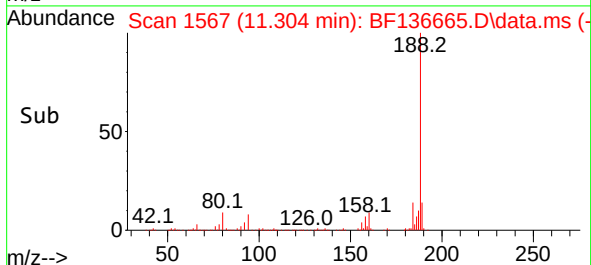
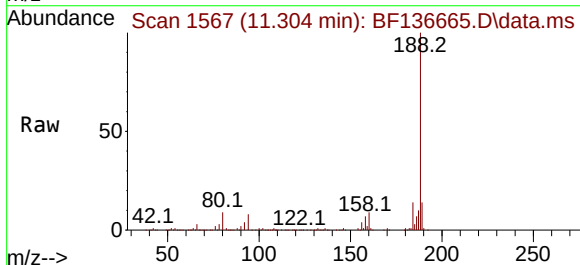


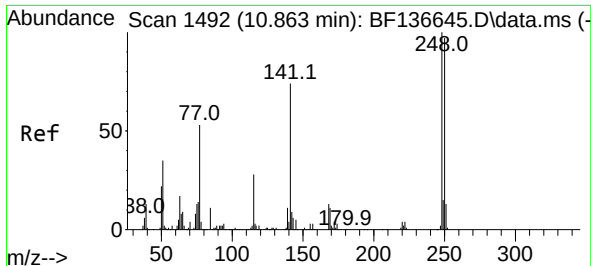
Tgt Ion:165 Resp: 18067
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.0 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Tgt Ion:188 Resp: 275987
Ion Ratio Lower Upper
188 100
94 7.8 7.5 11.3
80 8.7 8.1 12.1

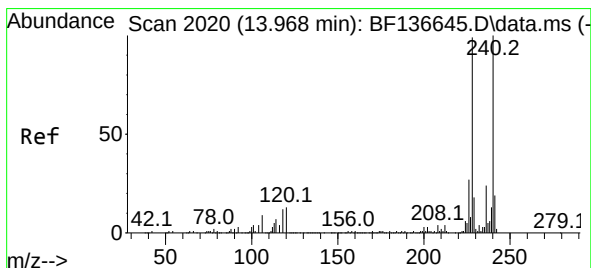
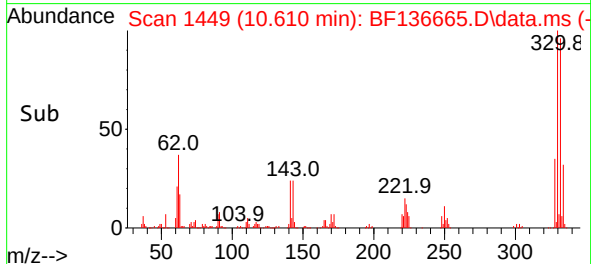
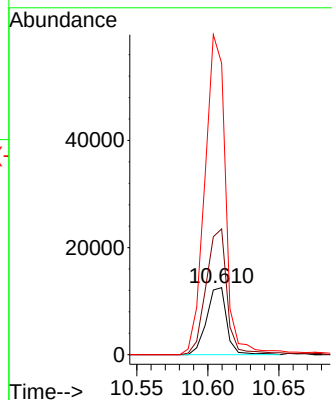
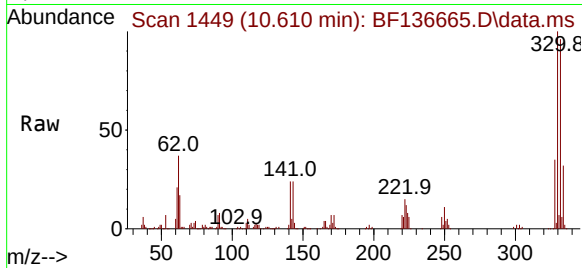




#67
4-Bromophenyl-phenylether
Concen: 4.046 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

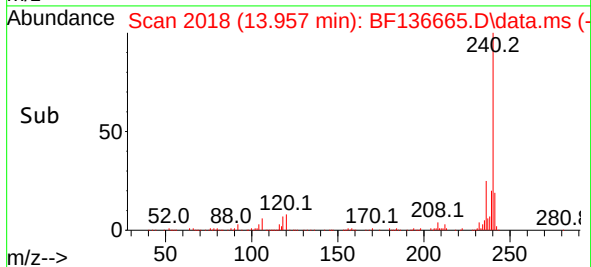
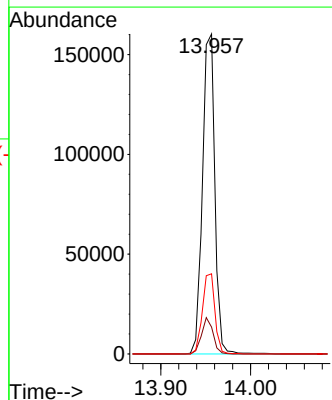
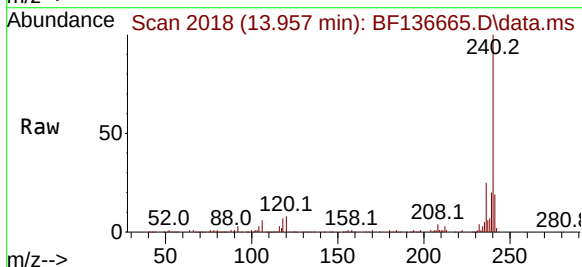
Instrument :
BNA_F
ClientSampleId :
P3874-SP2

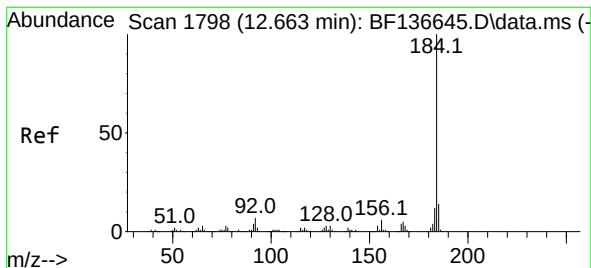
Tgt Ion:248 Resp: 12400
Ion Ratio Lower Upper
248 100
250 187.5 77.8 116.6#
141 434.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136665.D
Acq: 21 Dec 2023 12:11

Tgt Ion:240 Resp: 153547
Ion Ratio Lower Upper
240 100
120 8.4 10.3 15.5#
236 25.1 19.4 29.2





#77

Benzidine

Concen: 2.418 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136665.D

Acq: 21 Dec 2023 12:11

Instrument :

BNA_F

ClientSampleId :

P3874-SP2

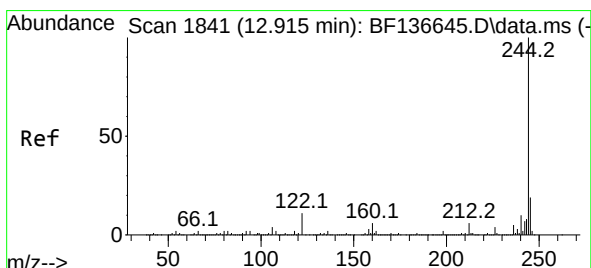
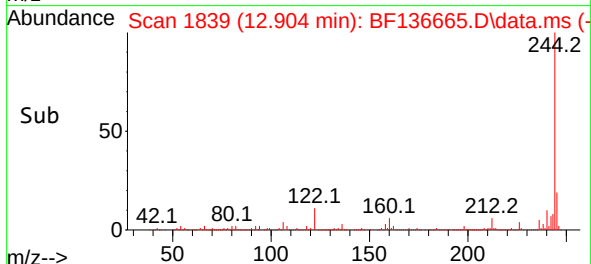
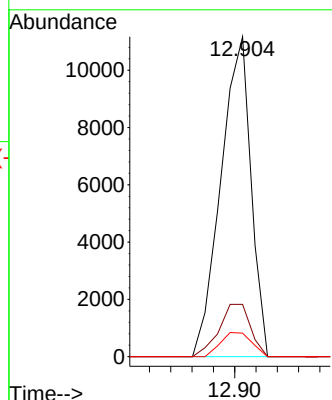
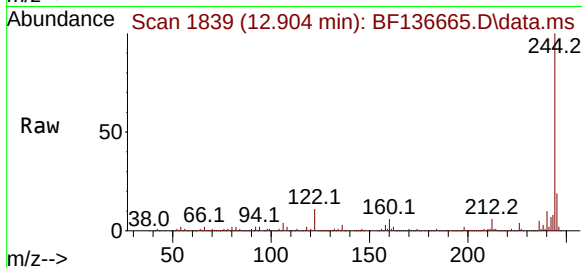
Tgt Ion:184 Resp: 10948

Ion Ratio Lower Upper

184 100

185 16.4 11.2 16.8

183 7.3 9.3 13.9#



#79

Terphenyl-d14

Concen: 82.428 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136665.D

Acq: 21 Dec 2023 12:11

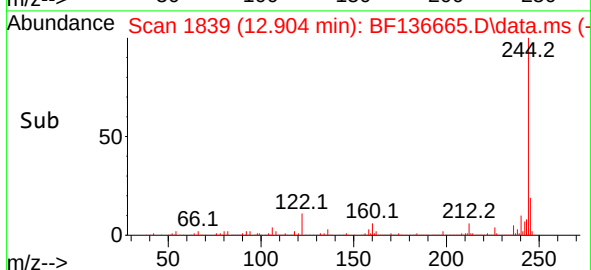
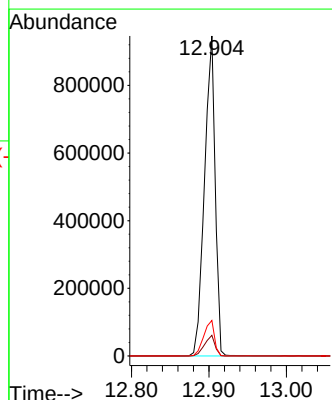
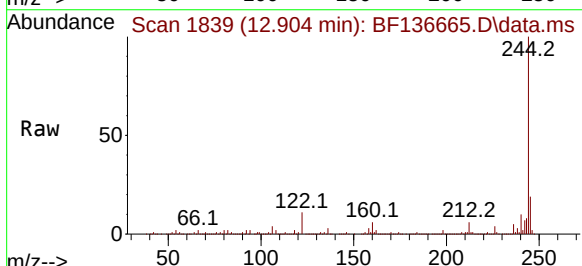
Tgt Ion:244 Resp: 905682

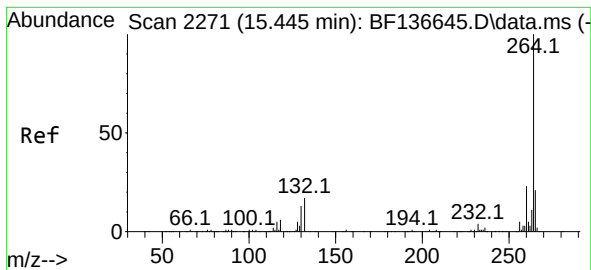
Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 11.1 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: BF136665.D
Acq: 21 Dec 2023 12:11

Instrument :
BNA_F
ClientSampleId :
P3874-SP2

Tgt Ion:264 Resp: 146026
Ion Ratio Lower Upper
264 100
260 23.6 18.3 27.5
265 21.5 17.0 25.6

