

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136866.D
 Acq On : 02 Jan 2024 12:23
 Operator : CG\JU
 Sample : PB158057BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158057BL

Quant Time: Jan 02 12:49:33 2024
 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)

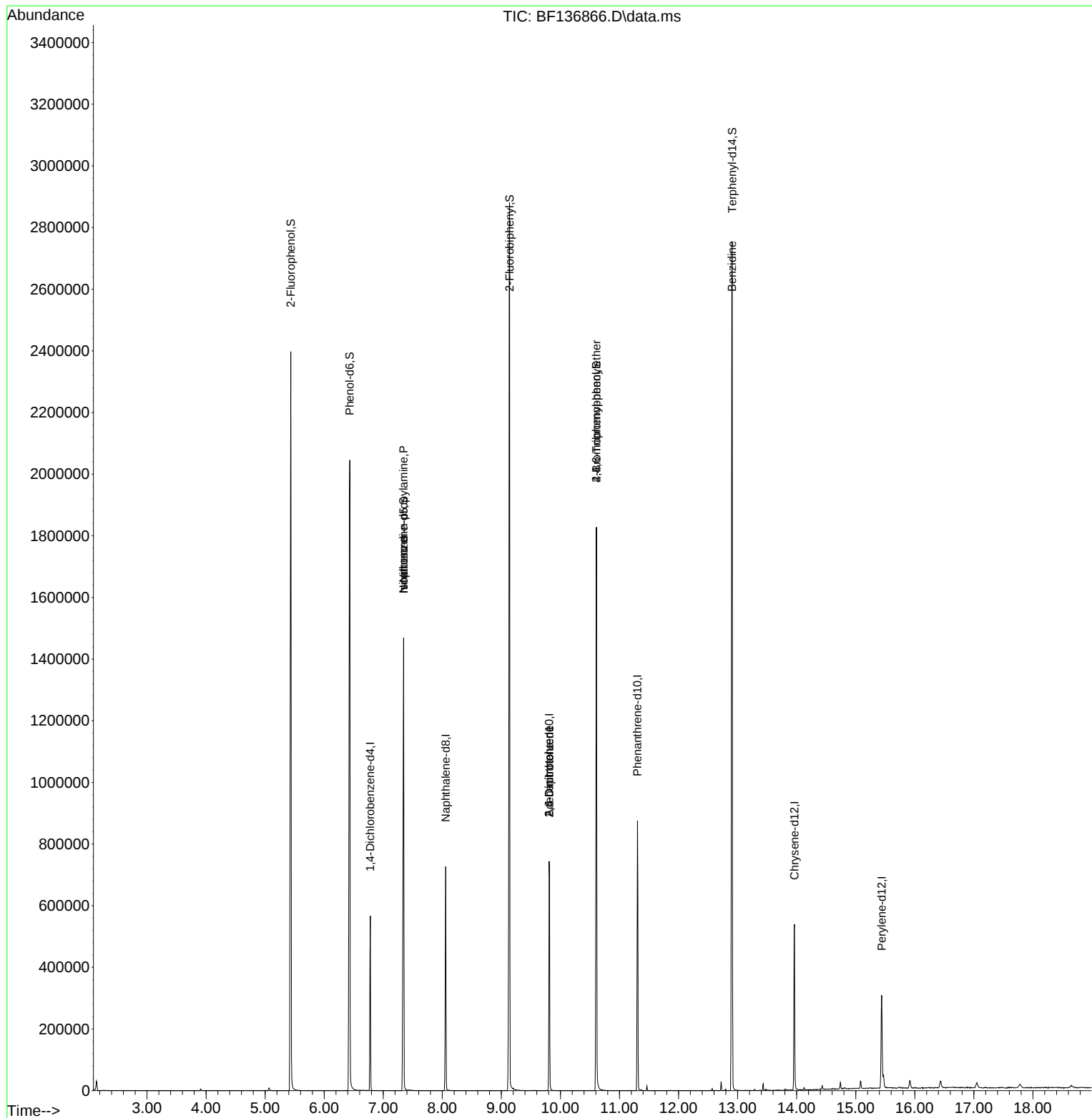
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	81003	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	315463	20.000	ng	#-0.01
39) Acenaphthene-d10	9.810	164	163477	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	323592	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	198005	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	158605	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	688985	132.713	ng	0.00
7) Phenol-d6	6.434	99	863747	128.400	ng	0.00
23) Nitrobenzene-d5	7.345	82	521626	84.613	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	246224	127.888	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1031768	84.887	ng	-0.01
79) Terphenyl-d14	12.910	244	1162136	82.021	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	66472	16.301	ng	# 76
25) Isophorone	7.345	82	517065	46.094	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	21098	7.785	ng	# 29
57) 2,4-Dinitrotoluene	9.810	165	21098	5.997	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	13867	3.859	ng	# 1
77) Benzidine	12.904	184	12746	2.183	ng	# 94

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

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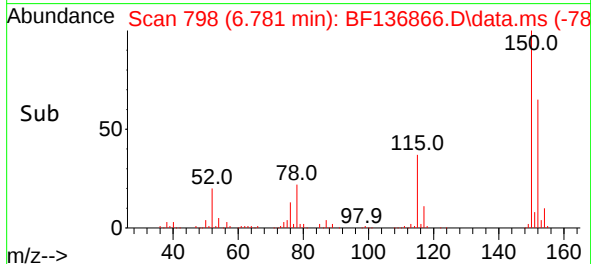
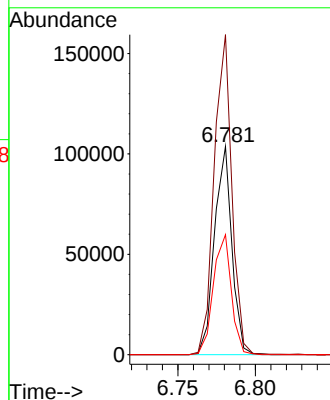
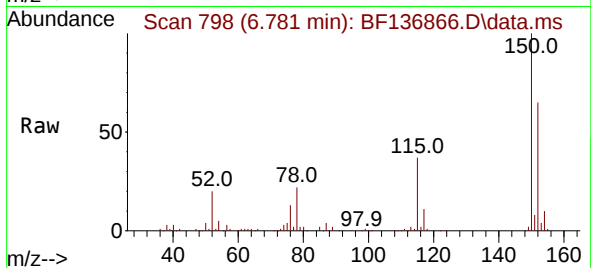




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

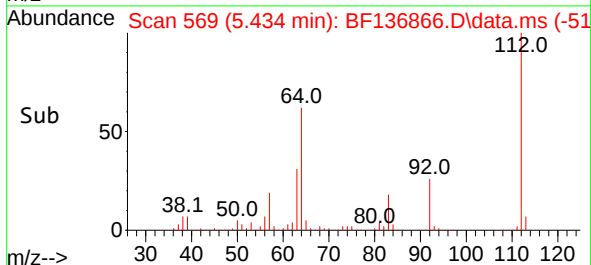
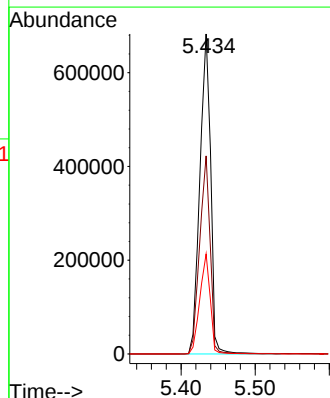
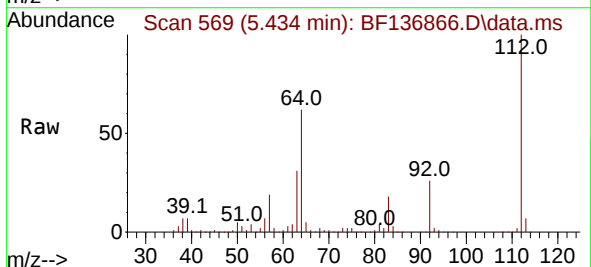
Instrument :
BNA_F
ClientSampleId :
PB158057BL

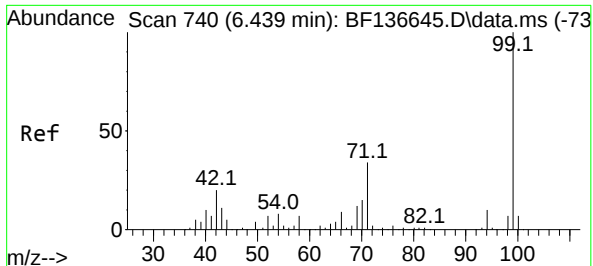
Tgt Ion:152 Resp: 81003
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 57.6 49.0 73.4



#5
2-Fluorophenol
Concen: 132.713 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

Tgt Ion:112 Resp: 688985
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 31.2 26.1 39.1

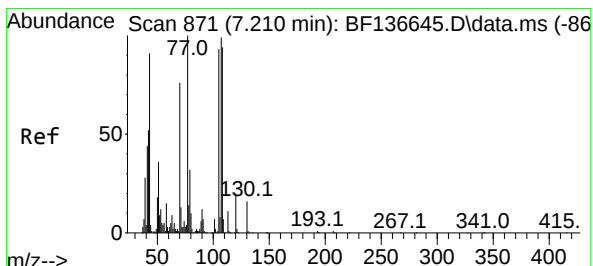
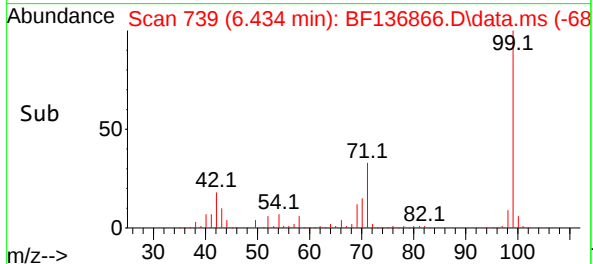
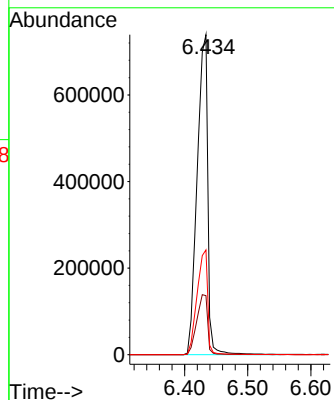
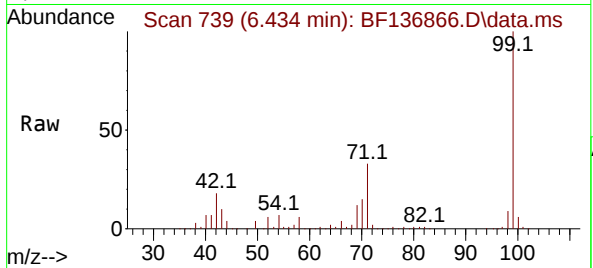




#7
Phenol-d6
Concen: 128.400 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

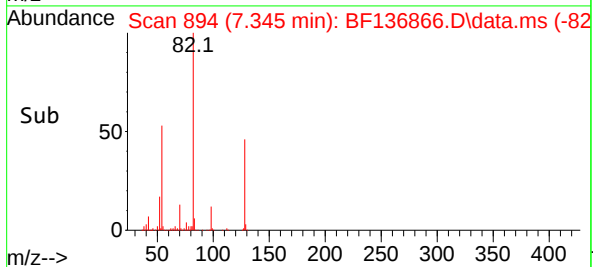
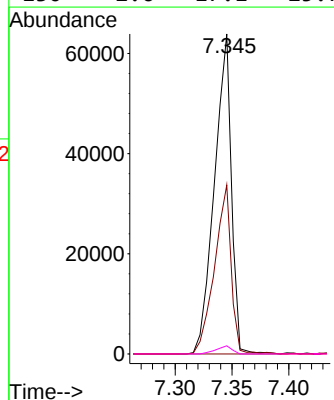
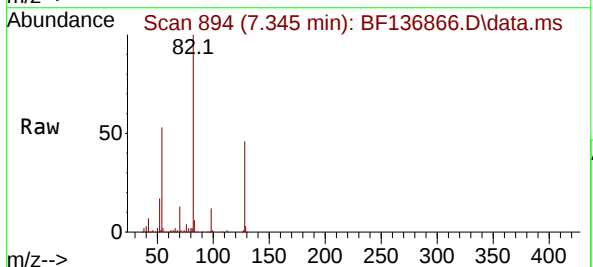
Instrument :
BNA_F
ClientSampleId :
PB158057BL

Tgt Ion: 99 Resp: 863747
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.301 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

Tgt Ion: 70 Resp: 66472
Ion Ratio Lower Upper
70 100
42 52.8 54.2 81.4#
101 0.0 7.6 11.4#
130 2.6 17.1 25.7#

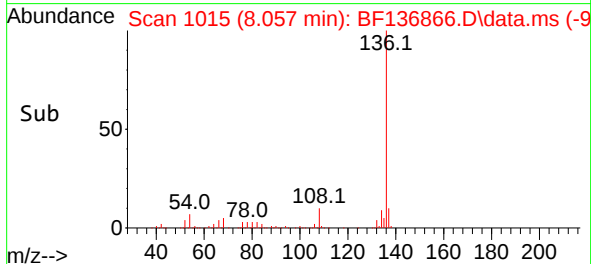
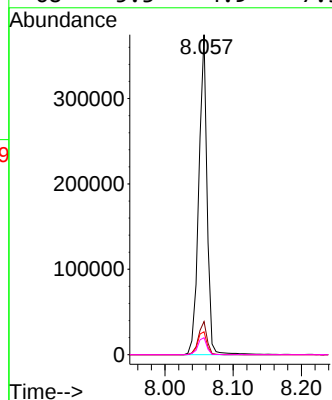
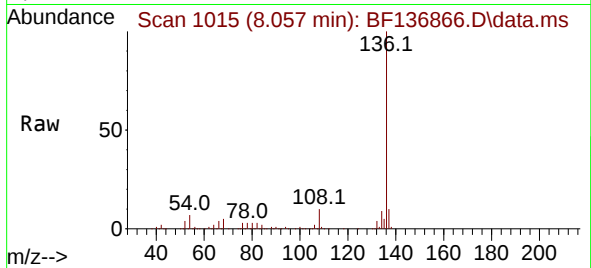




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

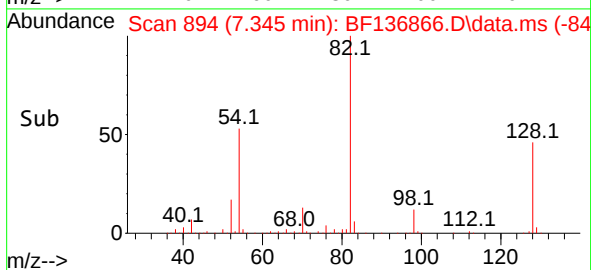
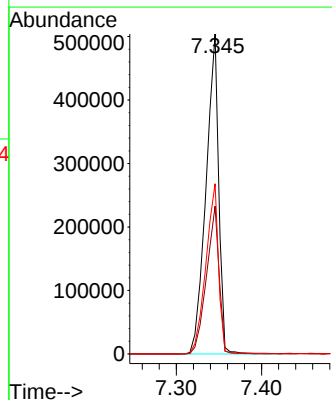
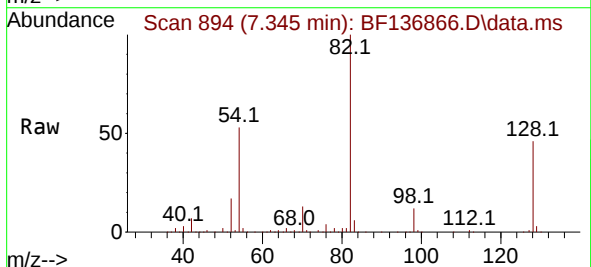
Instrument :
BNA_F
ClientSampleId :
PB158057BL

Tgt Ion:136 Resp: 315463
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 7.2 7.2 10.8#
68 5.3 4.9 7.3



#23
Nitrobenzene-d5
Concen: 84.613 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

Tgt Ion: 82 Resp: 521626
Ion Ratio Lower Upper
82 100
128 46.2 35.3 52.9
54 53.2 44.5 66.7

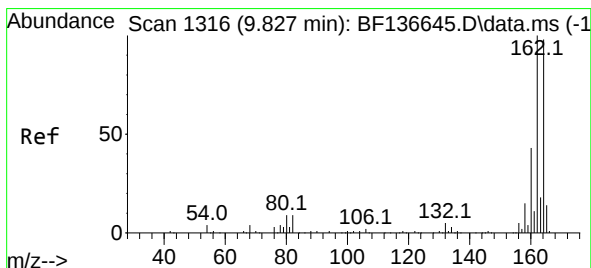
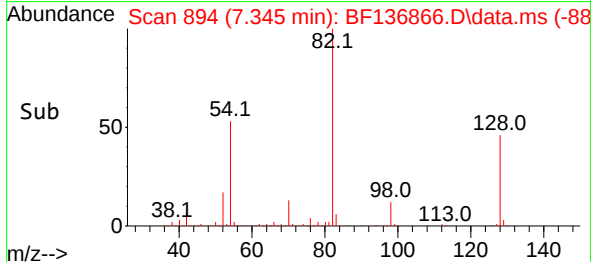
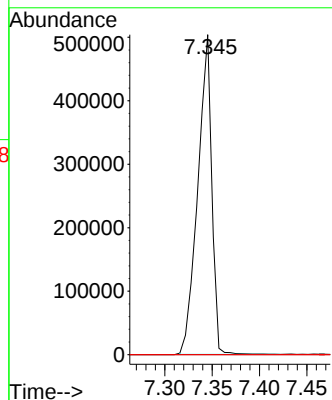
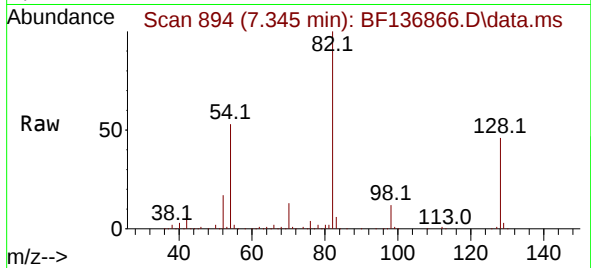




#25
Isophorone
Concen: 46.094 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

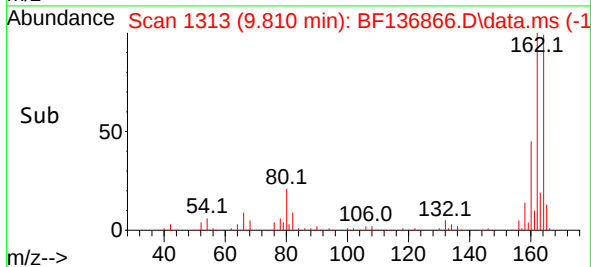
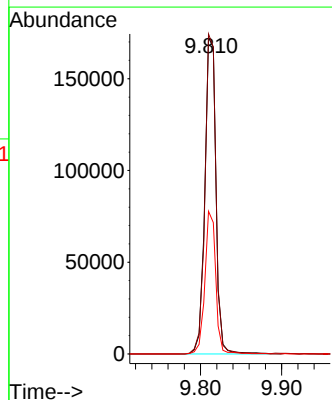
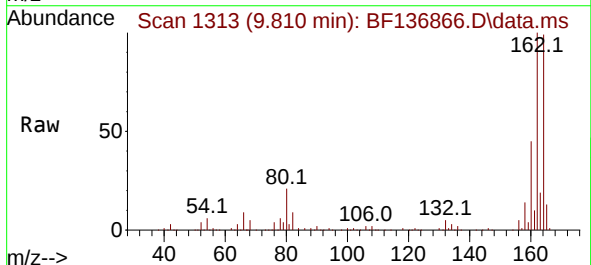
Instrument :
BNA_F
ClientSampleId :
PB158057BL

Tgt Ion: 82 Resp: 517065
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: BF136866.D
Acq: 02 Jan 2024 12:23

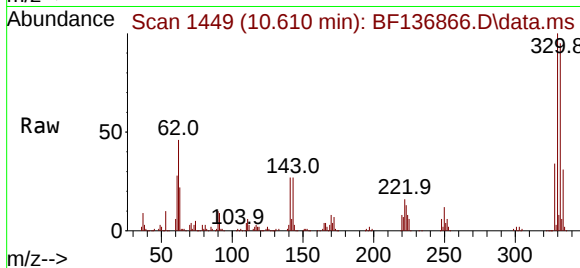
Tgt Ion:164 Resp: 163477
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.1 34.9 52.3



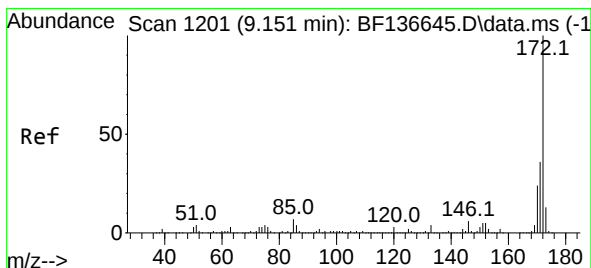
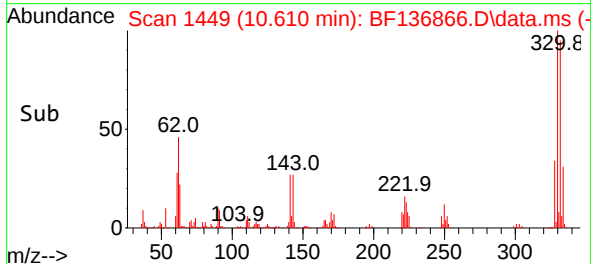
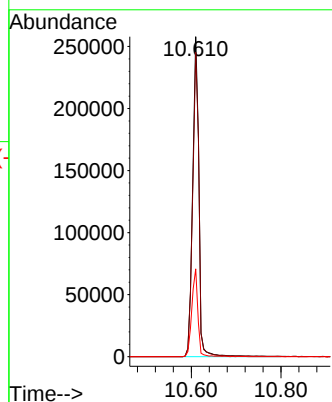


#42
2,4,6-Tribromophenol
Concen: 127.888 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

Instrument :
BNA_F
ClientSampleId :
PB158057BL

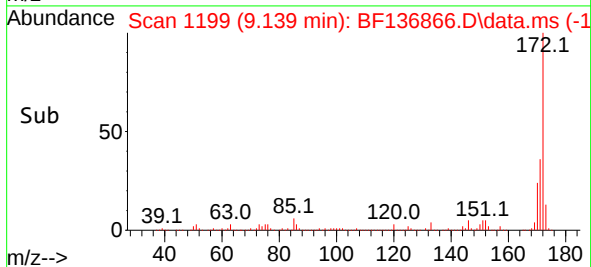
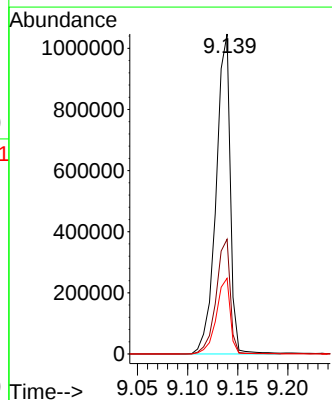
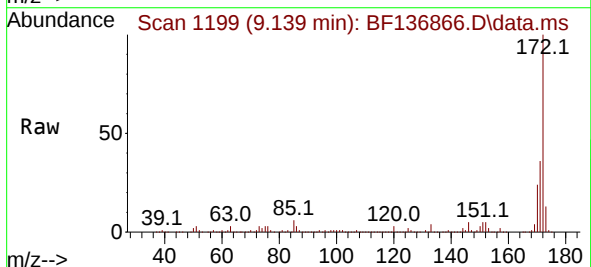


Tgt Ion:330 Resp: 246224
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 84.887 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

Tgt Ion:172 Resp: 1031768
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.7 19.0 28.4

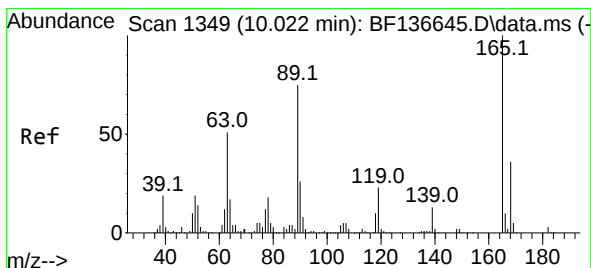
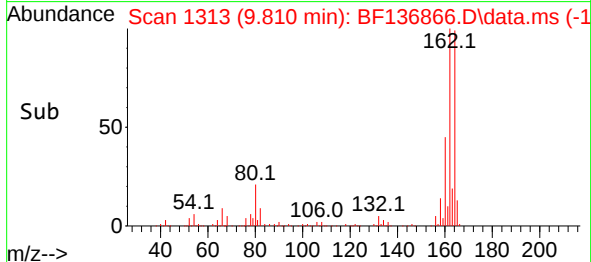
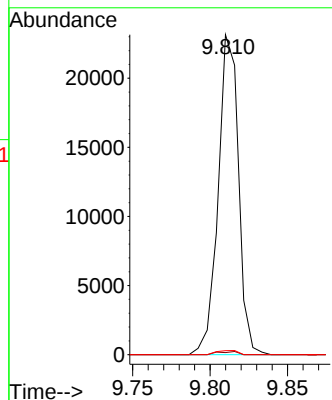
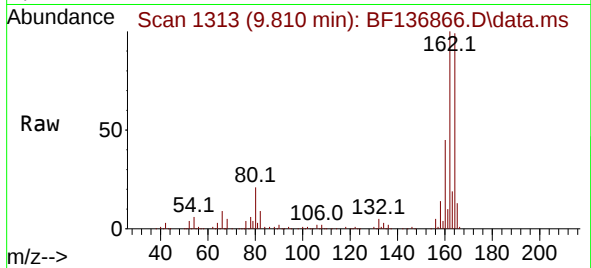




#51
2,6-Dinitrotoluene
Concen: 7.785 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

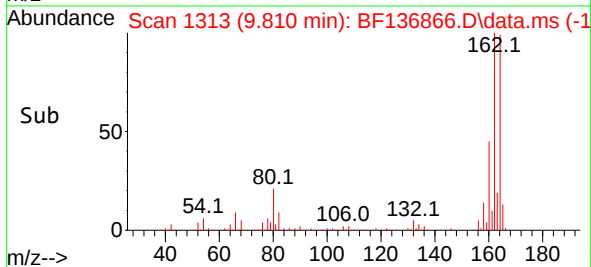
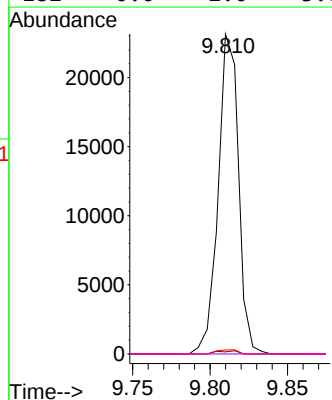
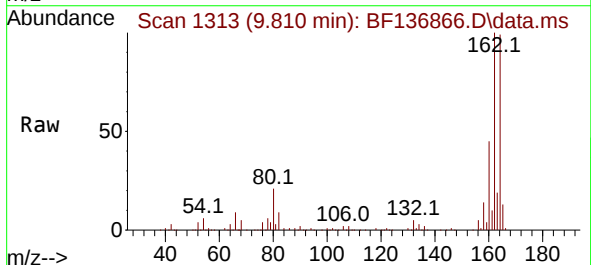
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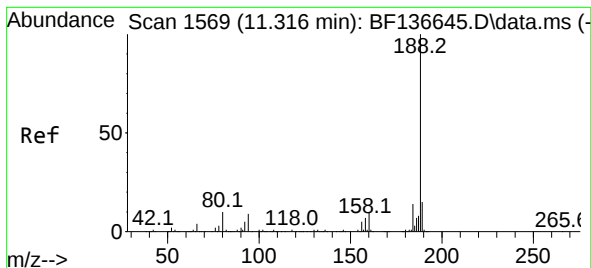
Tgt Ion:165 Resp: 21098
Ion Ratio Lower Upper
165 100
63 0.7 39.8 59.6#
89 1.3 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136866.D
Acq: 02 Jan 2024 12:23

Tgt Ion:165 Resp: 21098
Ion Ratio Lower Upper
165 100
63 0.7 41.0 61.6#
89 1.3 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136866.D

Acq: 02 Jan 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB158057BL

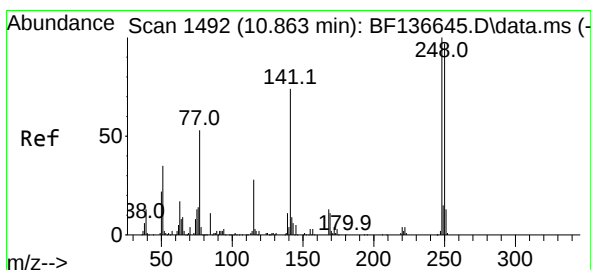
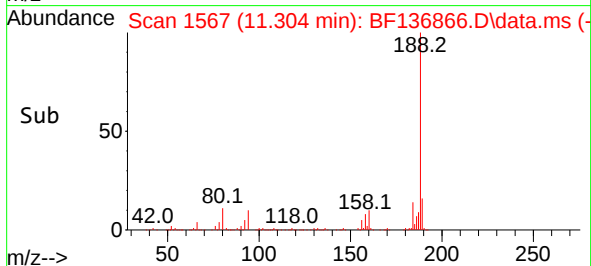
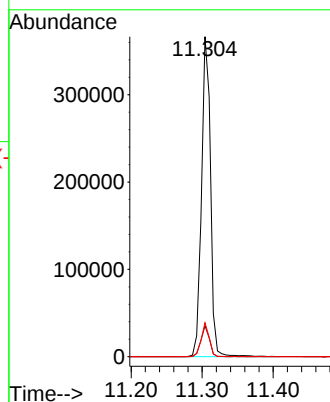
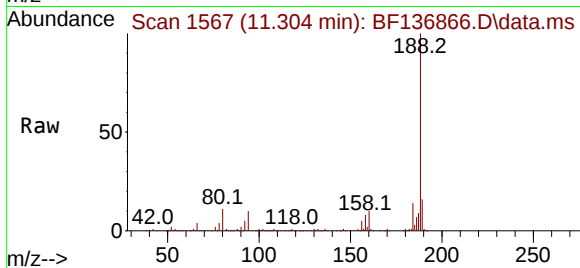
Tgt Ion:188 Resp: 323592

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.6 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 3.859 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF136866.D

Acq: 02 Jan 2024 12:23

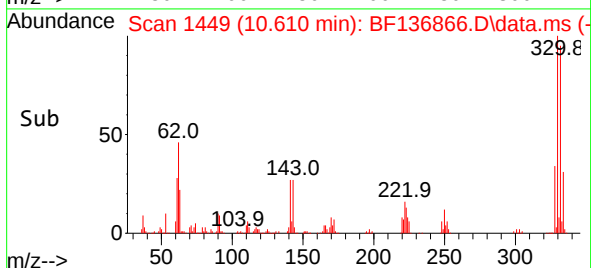
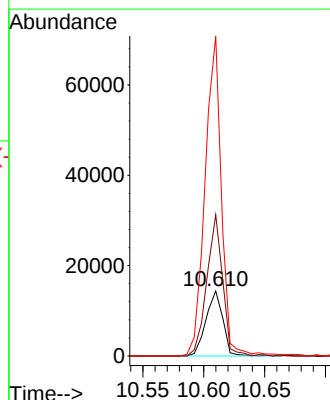
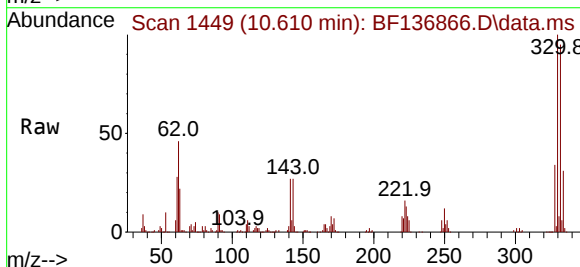
Tgt Ion:248 Resp: 13867

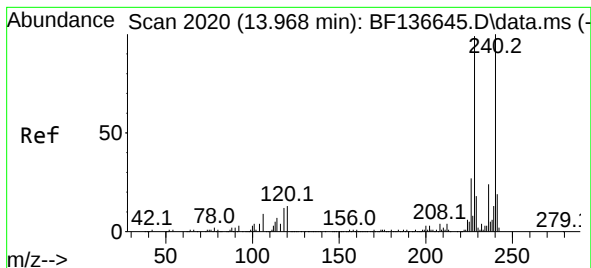
Ion Ratio Lower Upper

248 100

250 217.2 77.8 116.6#

141 492.7 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136866.D

Acq: 02 Jan 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB158057BL

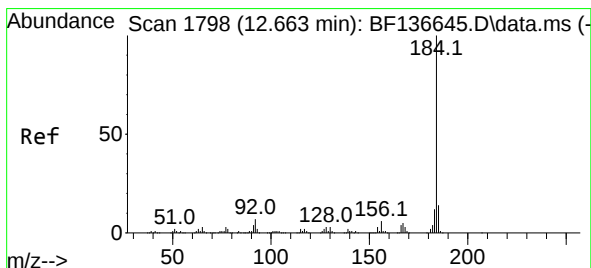
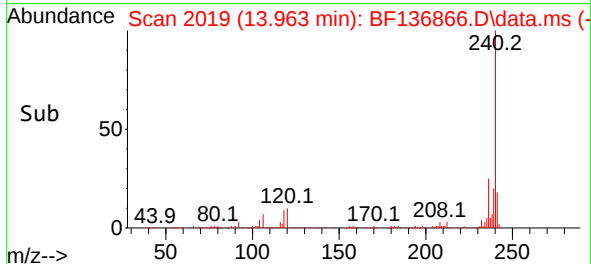
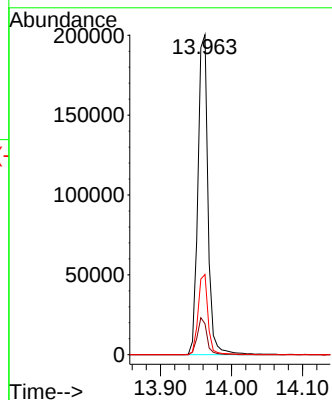
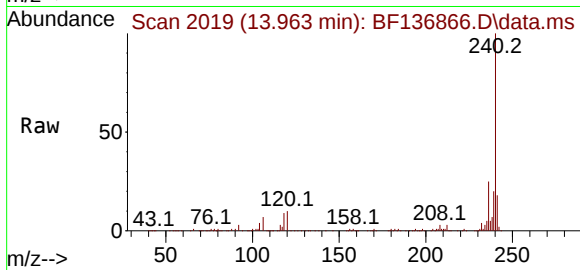
Tgt Ion:240 Resp: 198005

Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 25.1 19.4 29.2



#77

Benzidine

Concen: 2.183 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.241 min

Lab File: BF136866.D

Acq: 02 Jan 2024 12:23

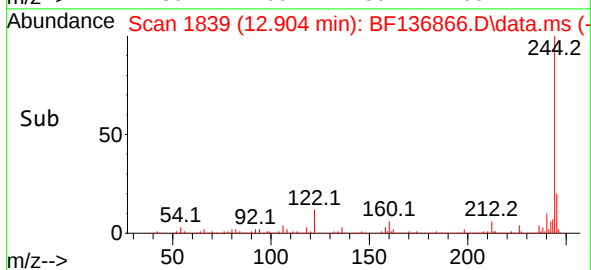
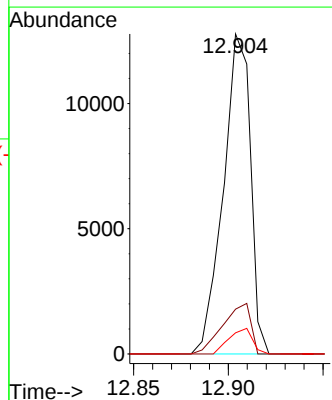
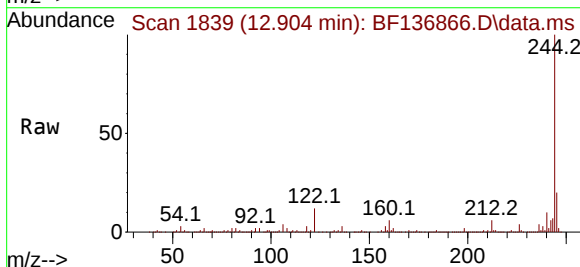
Tgt Ion:184 Resp: 12746

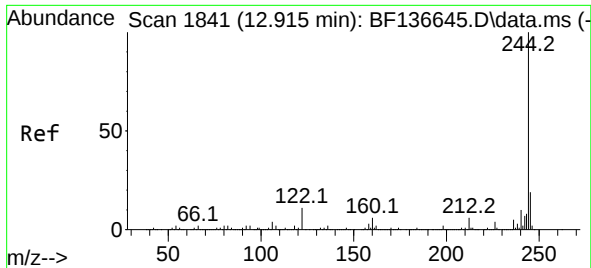
Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

183 6.6 9.3 13.9#

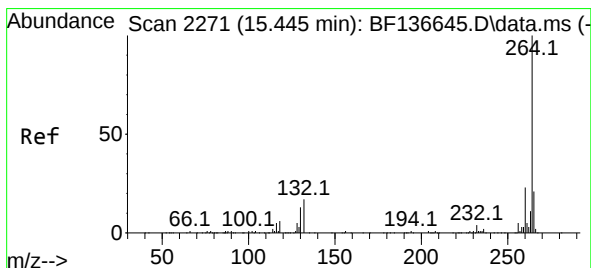
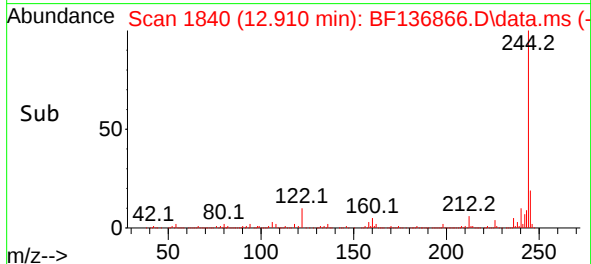
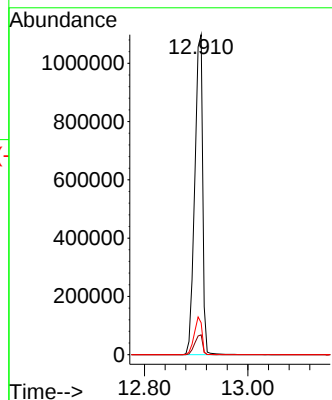
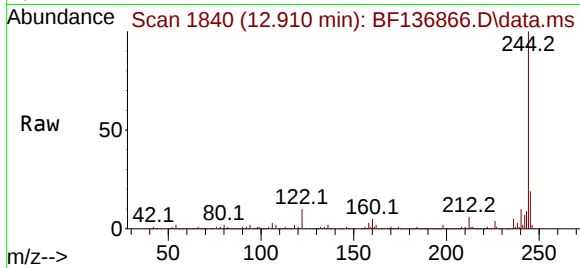




#79
 Terphenyl-d14
 Concen: 82.021 ng
 RT: 12.910 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136866.D
 Acq: 02 Jan 2024 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB158057BL

Tgt Ion:244 Resp: 1162136
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.0 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136866.D
 Acq: 02 Jan 2024 12:23

Tgt Ion:264 Resp: 158605
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 21.8 17.0 25.6

