

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136828.D
 Acq On : 29 Dec 2023 14:39
 Operator : CG\JU
 Sample : 05975-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-03-122023

Quant Time: Dec 29 14:57:00 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)

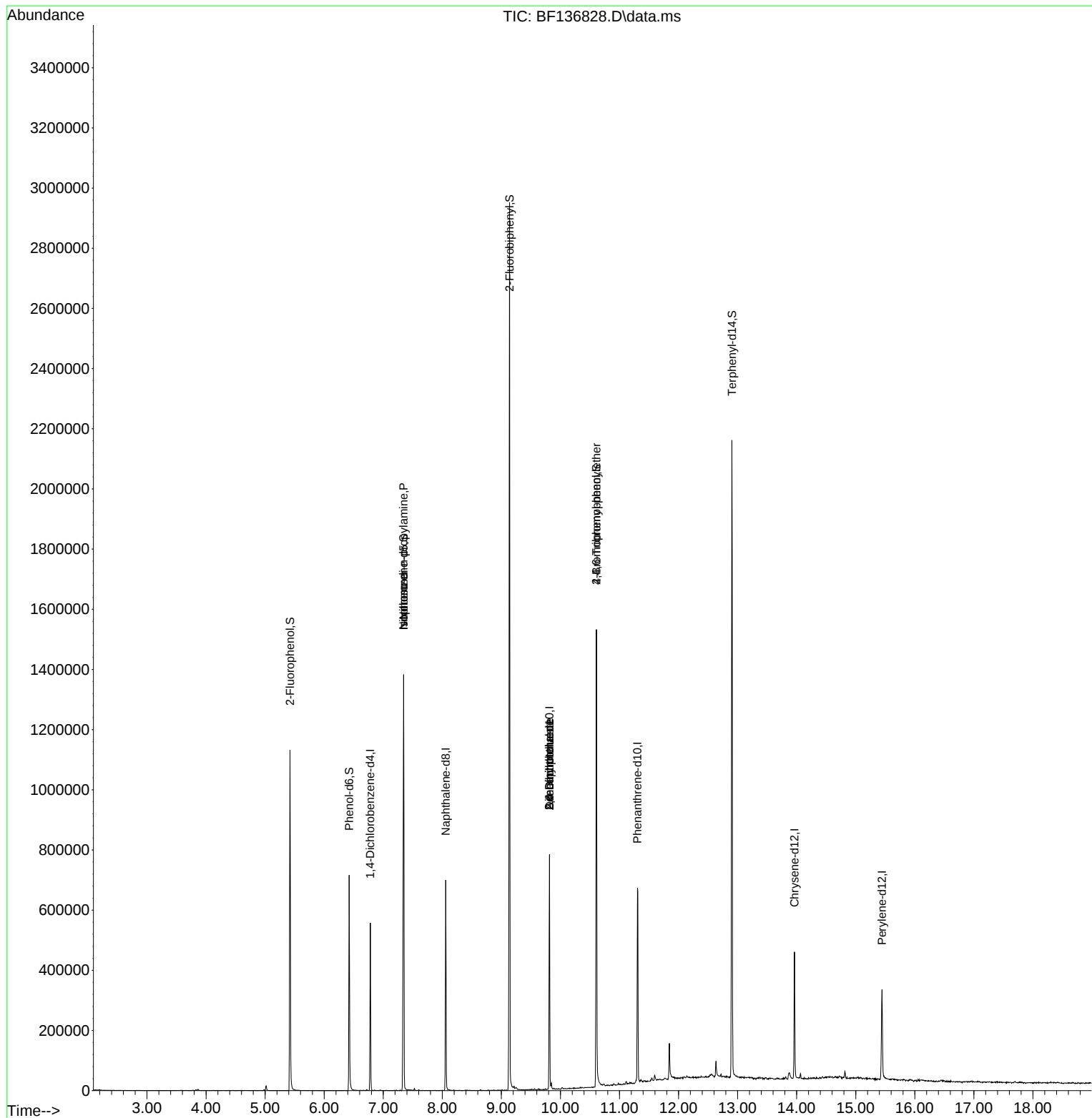
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73393	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	283737	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	144456	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	256147	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	142178	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	143629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	285783	60.756	ng	0.00
7) Phenol-d6	6.422	99	220653	36.202	ng	-0.02
23) Nitrobenzene-d5	7.345	82	469457	84.665	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	200585	117.902	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	897584	83.571	ng	-0.01
79) Terphenyl-d14	12.904	244	807780	79.397	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	63209	17.108	ng	# 74
25) Isophorone	7.345	82	468439	46.428	ng	# 65
50) Dimethylphthalate	9.816	163	30147	2.857	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18519	7.733	ng	# 31
57) 2,4-Dinitrotoluene	9.816	165	18519	5.957	ng	# 22
67) 4-Bromophenyl-phenylether	10.610	248	11760	4.134	ng	# 1

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

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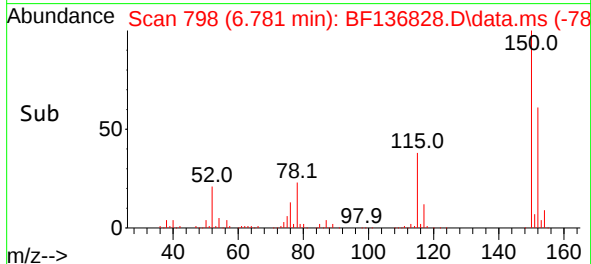
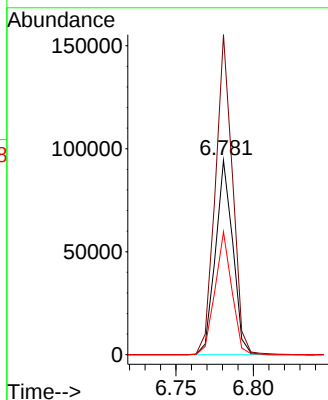
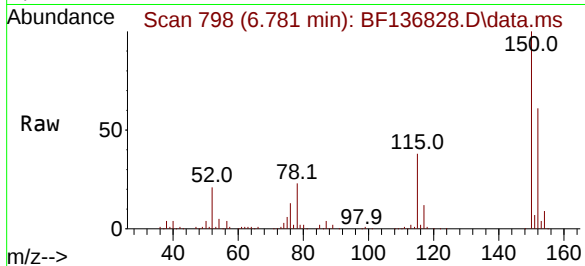




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

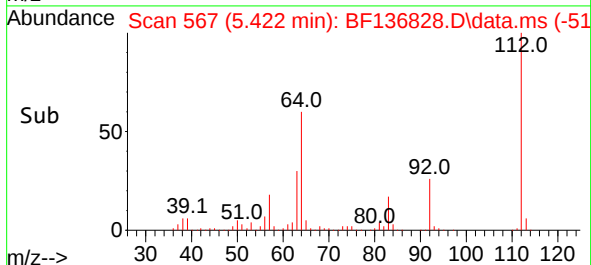
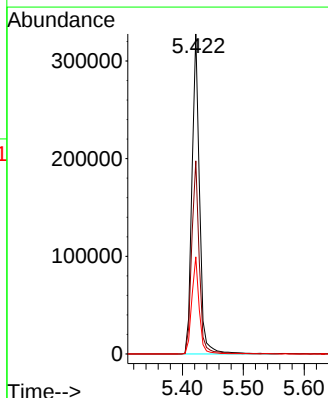
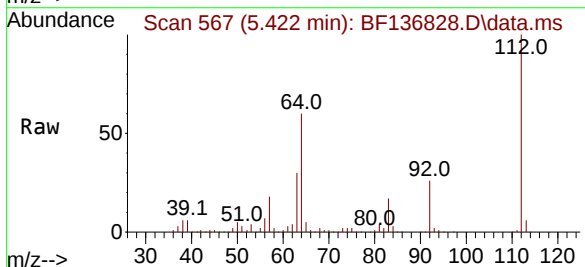
Instrument :
BNA_F
ClientSampleId :
RT-MW-03-122023

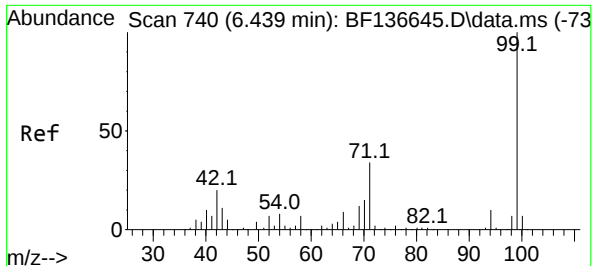
Tgt Ion:152 Resp: 73393
Ion Ratio Lower Upper
152 100
150 164.6 127.0 190.6
115 63.2 49.0 73.4



#5
2-Fluorophenol
Concen: 60.756 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

Tgt Ion:112 Resp: 285783
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 30.3 26.1 39.1

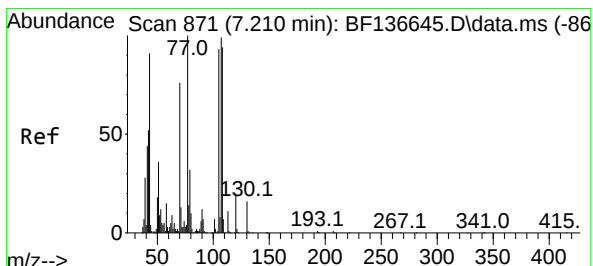
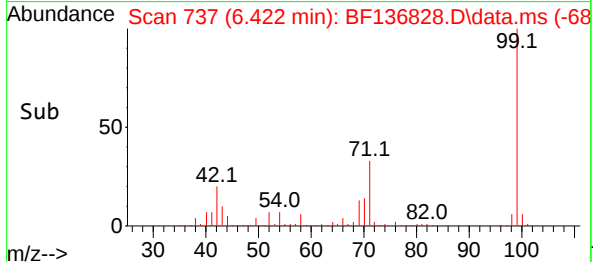
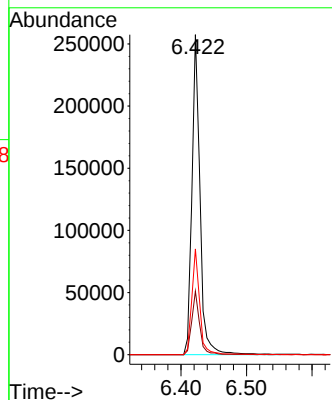
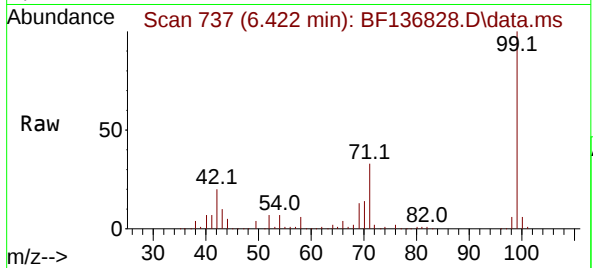




#7
Phenol-d6
Concen: 36.202 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

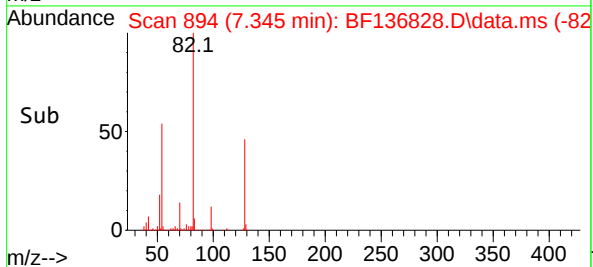
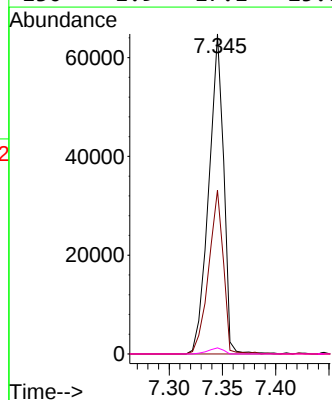
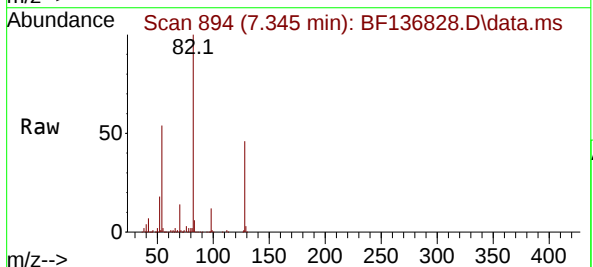
Instrument :
BNA_F
ClientSampleId :
RT-MW-03-122023

Tgt Ion: 99 Resp: 220653
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.108 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

Tgt Ion: 70 Resp: 63209
Ion Ratio Lower Upper
70 100
42 51.2 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 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: BF136828.D

Acq: 29 Dec 2023 14:39

Instrument :

BNA_F

ClientSampleId :

RT-MW-03-122023

Tgt Ion:136 Resp: 283737

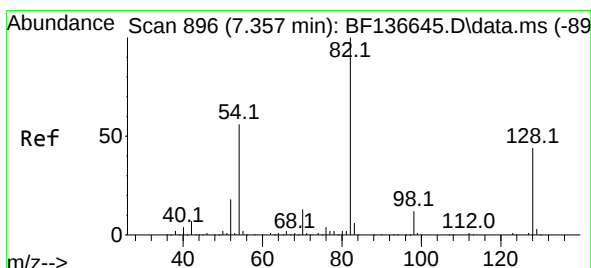
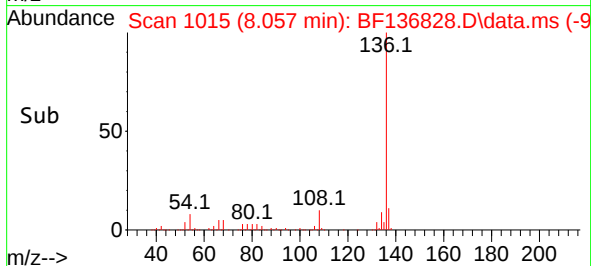
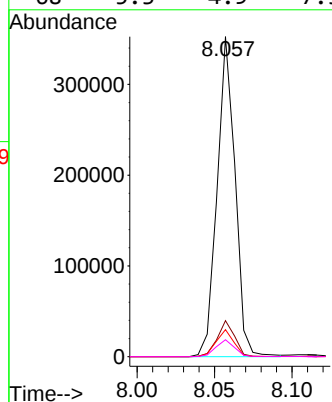
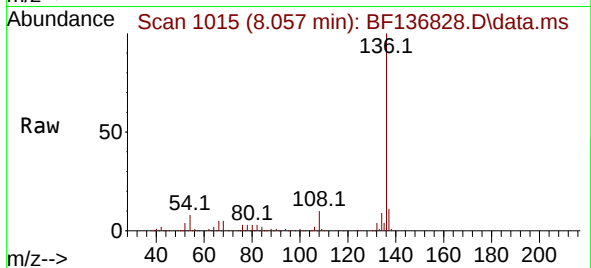
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 8.4 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 84.665 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136828.D

Acq: 29 Dec 2023 14:39

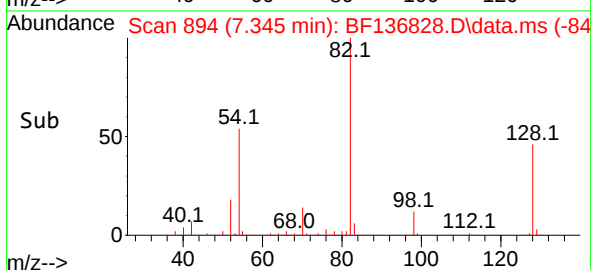
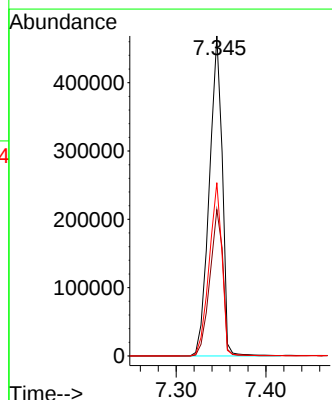
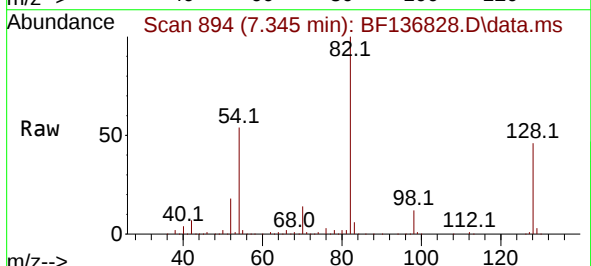
Tgt Ion: 82 Resp: 469457

Ion Ratio Lower Upper

82 100

128 45.7 35.3 52.9

54 54.1 44.5 66.7

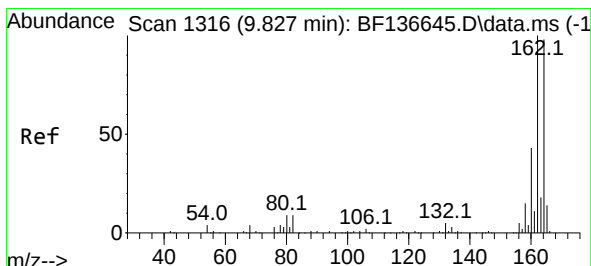
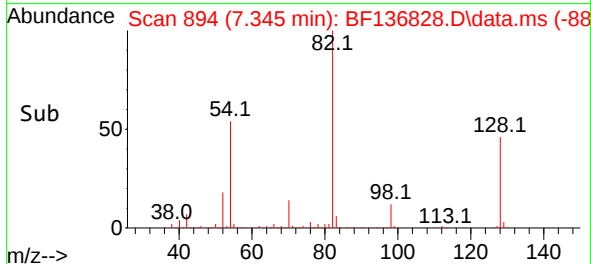
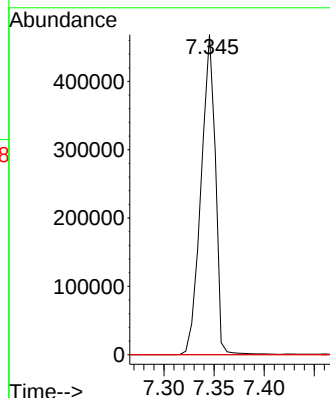
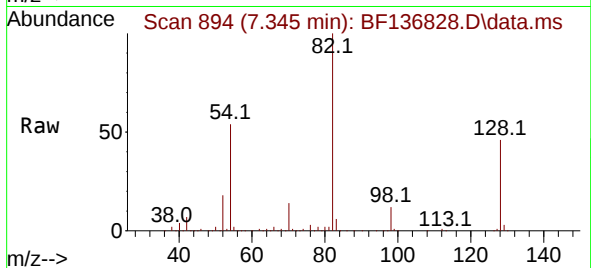




#25
Isophorone
Concen: 46.428 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

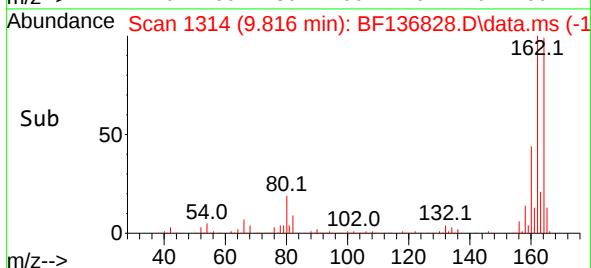
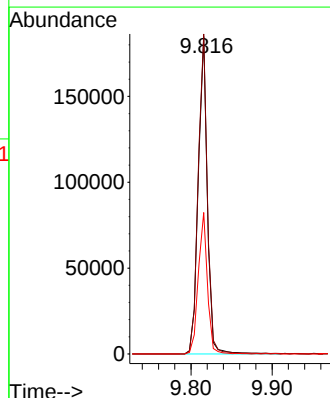
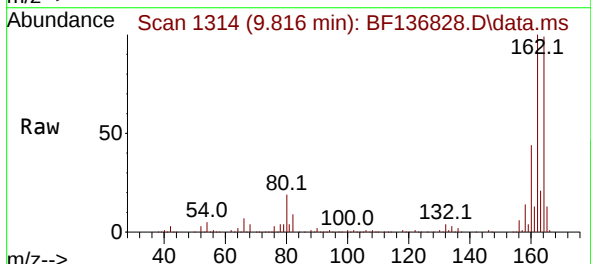
Instrument :
BNA_F
ClientSampleId :
RT-MW-03-122023

Tgt Ion: 82 Resp: 468439
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: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

Tgt Ion:164 Resp: 144456
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 117.902 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136828.D

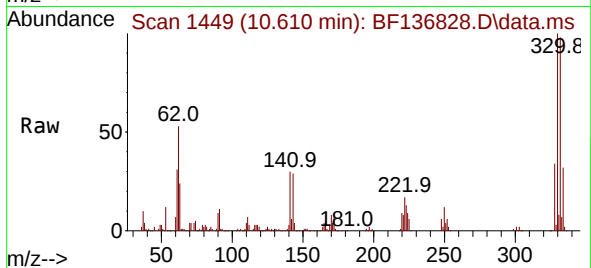
Acq: 29 Dec 2023 14:39

Instrument :

BNA_F

ClientSampleId :

RT-MW-03-122023



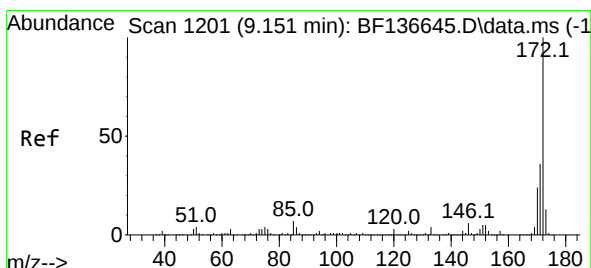
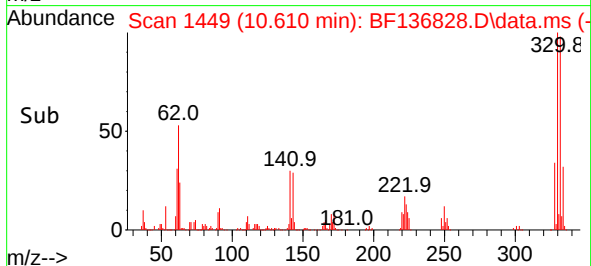
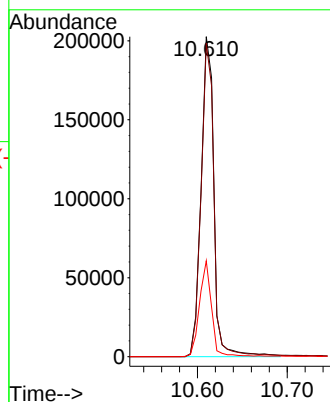
Tgt Ion:330 Resp: 200585

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 28.6 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.571 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136828.D

Acq: 29 Dec 2023 14:39

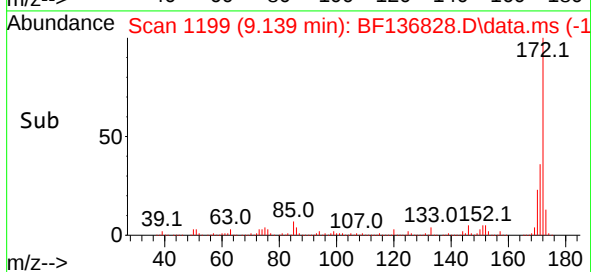
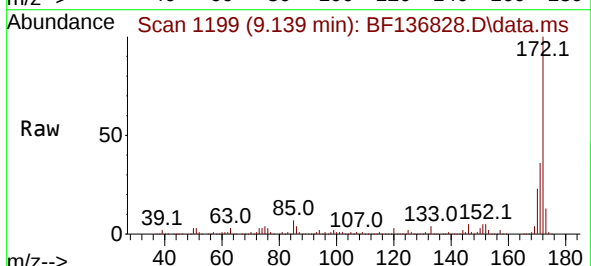
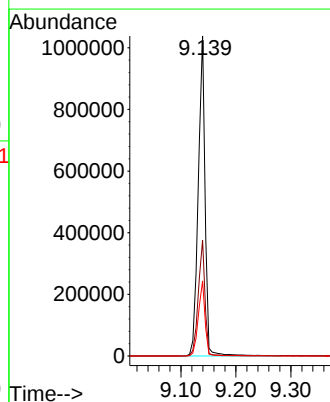
Tgt Ion:172 Resp: 897584

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.5 19.0 28.4

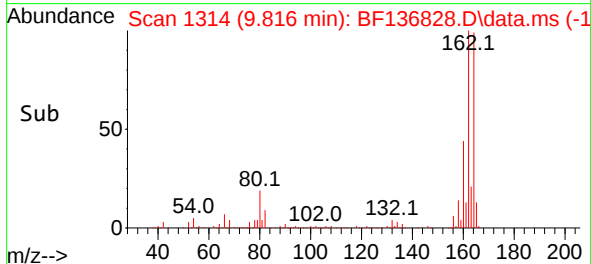
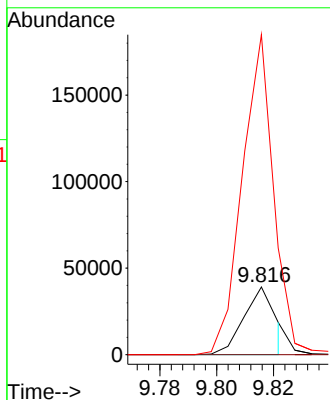
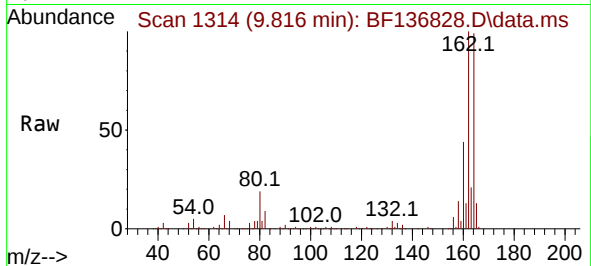




#50
Dimethylphthalate
Concen: 2.857 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

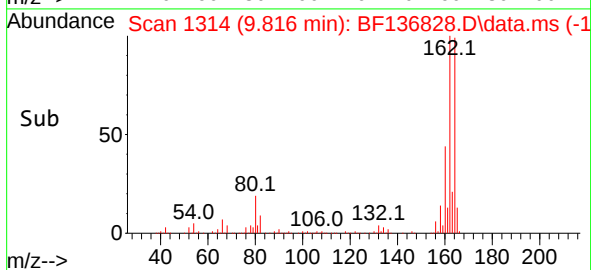
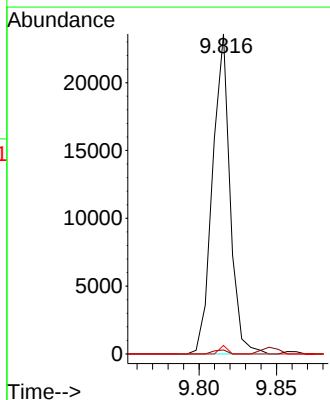
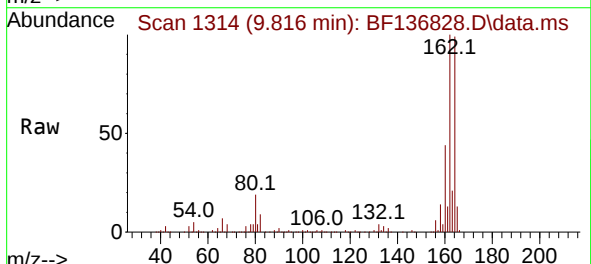
Instrument :
BNA_F
ClientSampleId :
RT-MW-03-122023

Tgt Ion:163 Resp: 30147
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 473.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.733 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

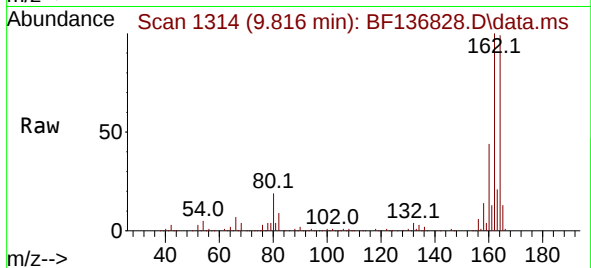
Tgt Ion:165 Resp: 18519
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 2.7 38.8 58.2#



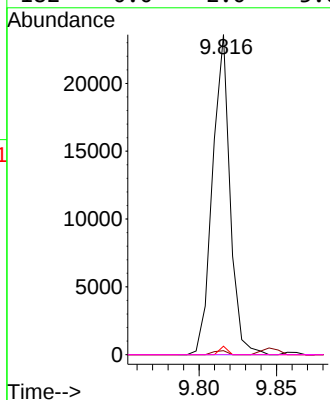
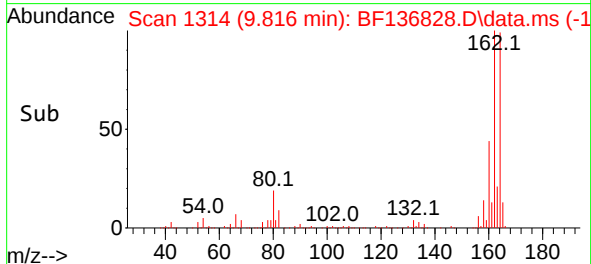


#57
2,4-Dinitrotoluene
Concen: 5.957 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

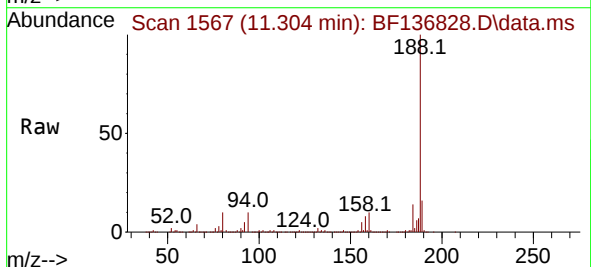
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RT-MW-03-122023



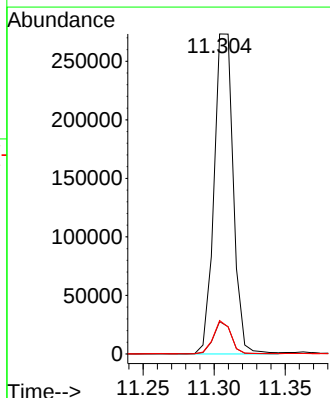
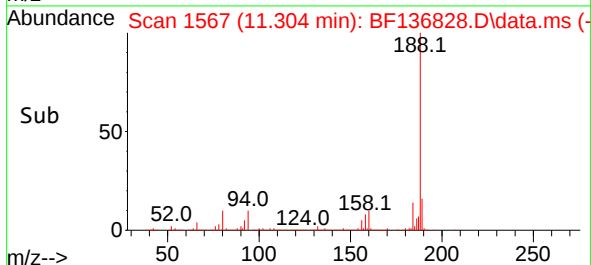
Tgt Ion:165 Resp: 18519
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 2.7 59.9 89.9#
182 0.0 2.0 3.0#

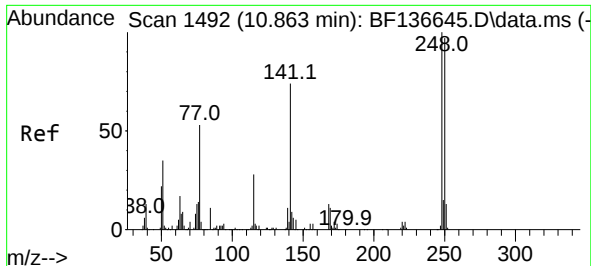


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39



Tgt Ion:188 Resp: 256147
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 10.5 8.1 12.1

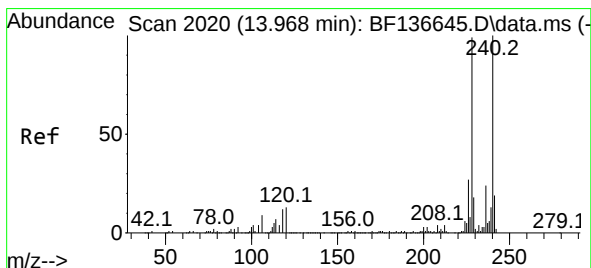
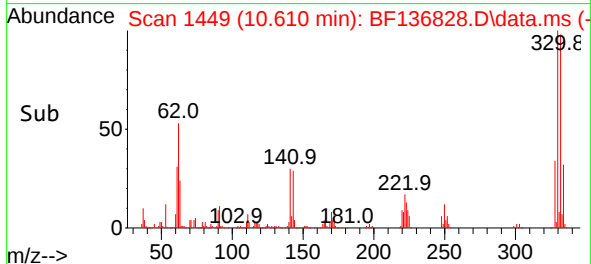
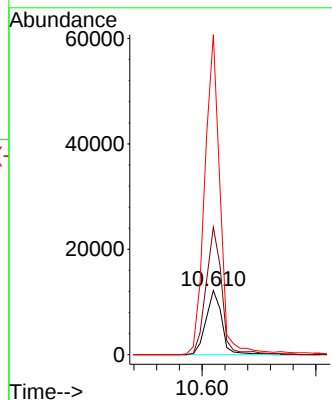
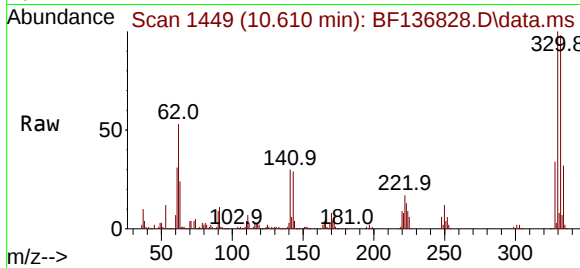




#67
4-Bromophenyl-phenylether
Concen: 4.134 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

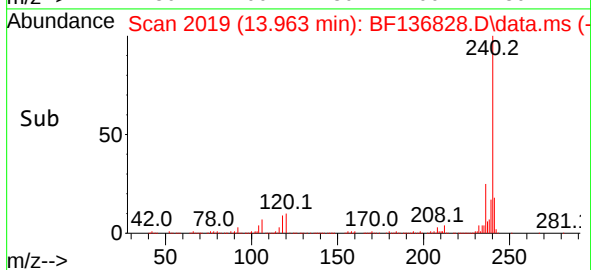
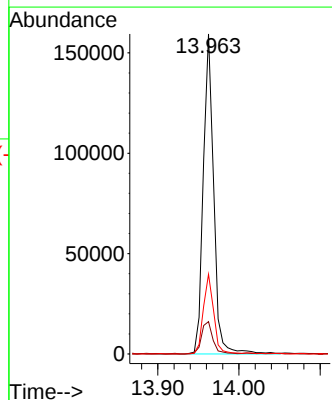
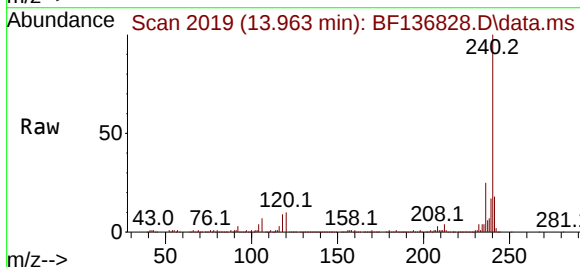
Instrument :
BNA_F
ClientSampleId :
RT-MW-03-122023

Tgt Ion:248 Resp: 11760
Ion Ratio Lower Upper
248 100
250 198.6 77.8 116.6#
141 498.5 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136828.D
Acq: 29 Dec 2023 14:39

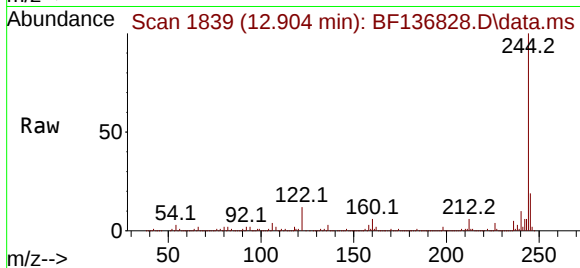
Tgt Ion:240 Resp: 142178
Ion Ratio Lower Upper
240 100
120 10.1 10.3 15.5#
236 24.9 19.4 29.2



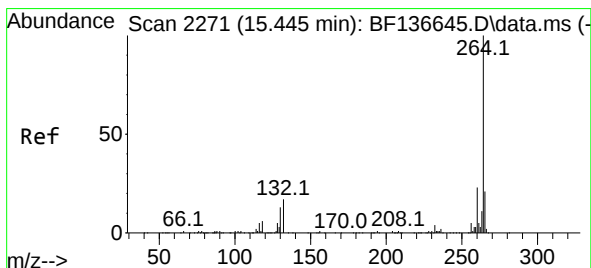
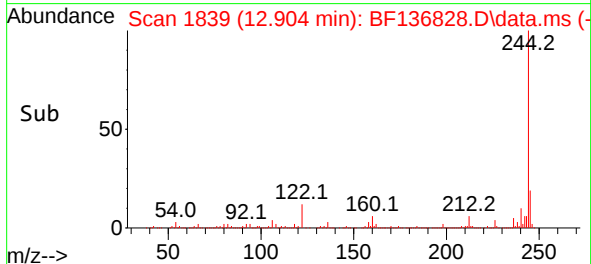
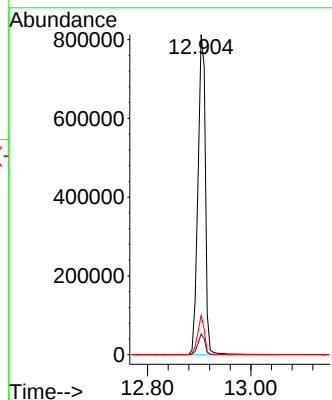


#79
 Terphenyl-d14
 Concen: 79.397 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136828.D
 Acq: 29 Dec 2023 14:39

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-03-122023



Tgt Ion:244 Resp: 807780
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136828.D
 Acq: 29 Dec 2023 14:39

Tgt Ion:264 Resp: 143629
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.3 27.5
 265 22.0 17.0 25.6

