

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136846.D
 Acq On : 30 Dec 2023 00:47
 Operator : CG\JU
 Sample : 06015-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2D

Quant Time: Dec 30 03:09:57 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)

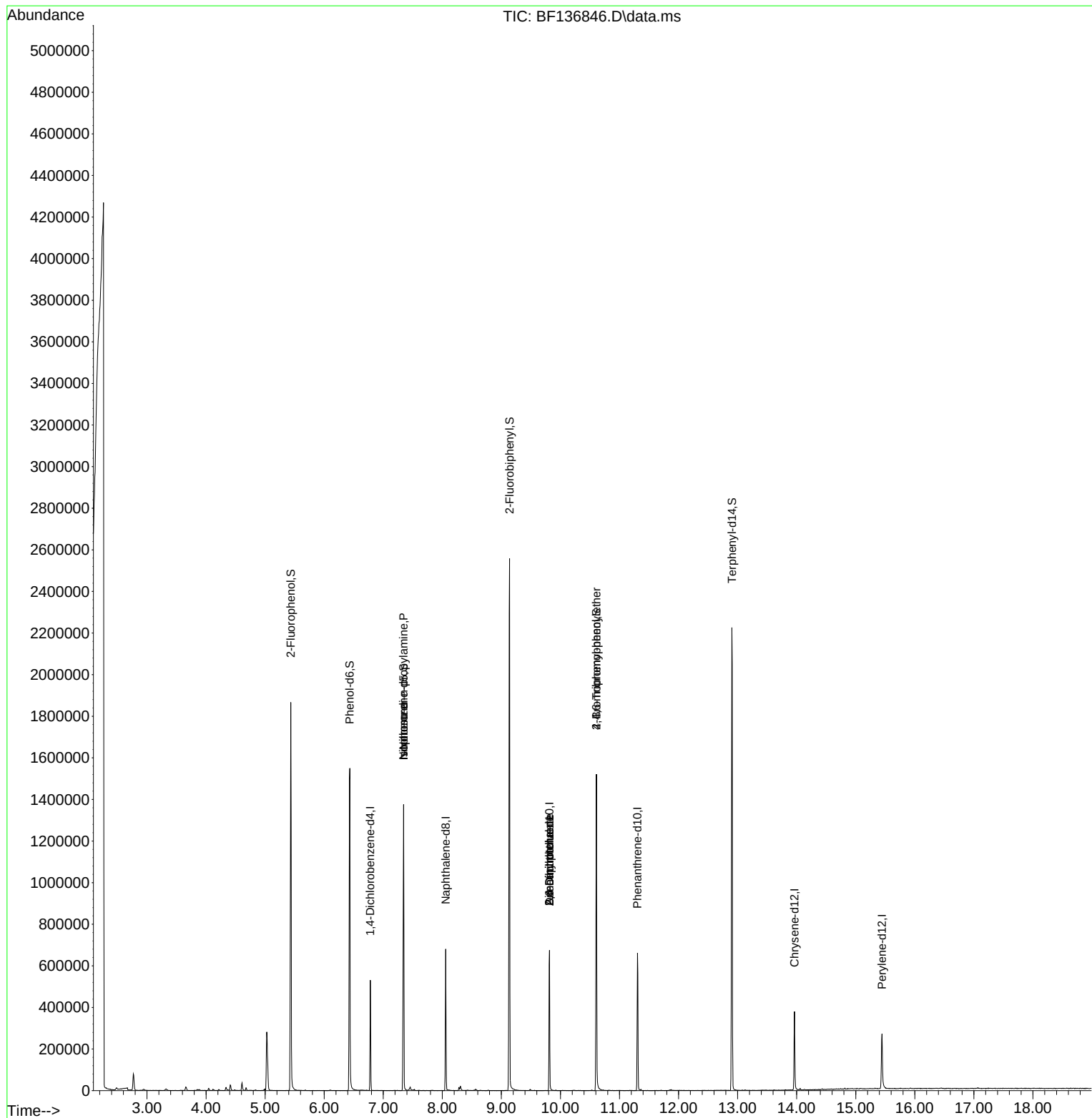
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71729	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	274901	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	140397	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	255064	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	136650	20.000	ng	0.00
86) Perylene-d12	15.445	264	140426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	508824	110.682	ng	0.00
7) Phenol-d6	6.434	99	583924	98.026	ng	0.00
23) Nitrobenzene-d5	7.345	82	429589	79.965	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	192076	116.164	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	868078	83.161	ng	-0.01
79) Terphenyl-d14	12.904	244	881870	90.186	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	55166	15.277	ng	# 74
25) Isophorone	7.345	82	429585	43.946	ng	# 65
50) Dimethylphthalate	9.816	163	27288	2.661	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17302	7.434	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17302	5.727	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	11309	3.992	ng	# 1

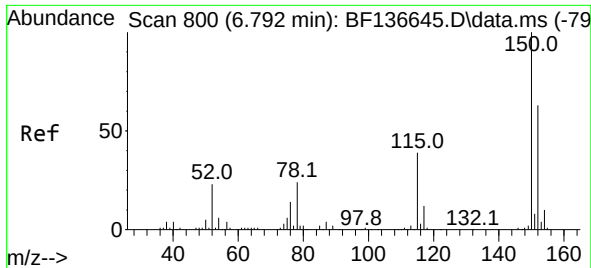
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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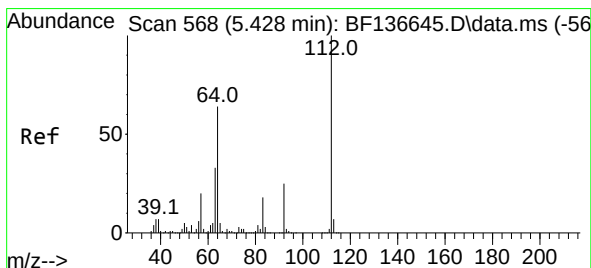
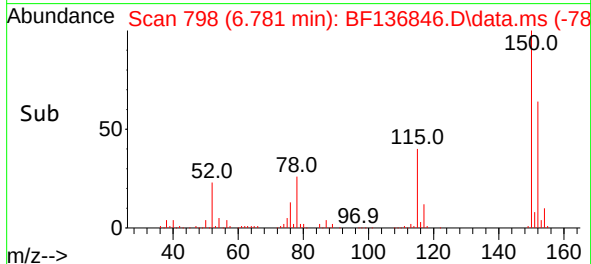
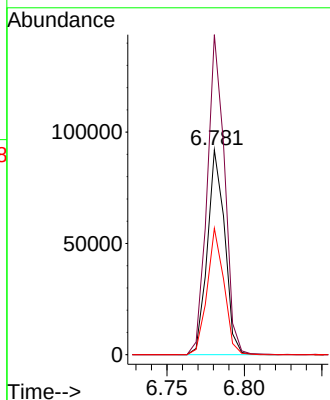
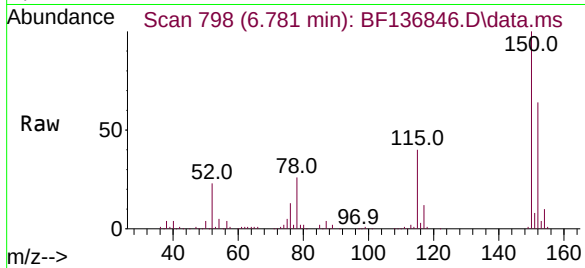




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136846.D
 Acq: 30 Dec 2023 00:47

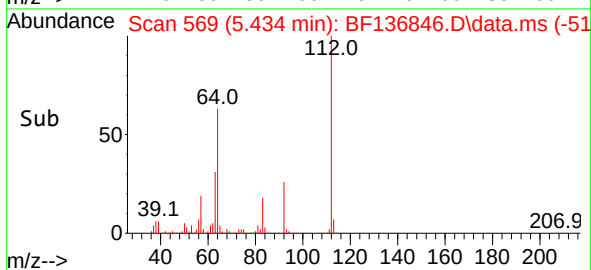
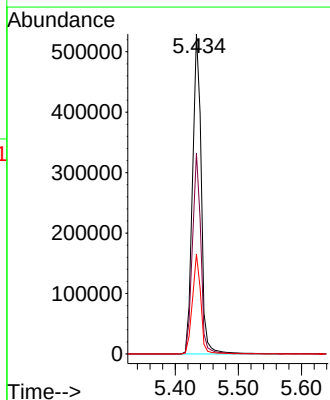
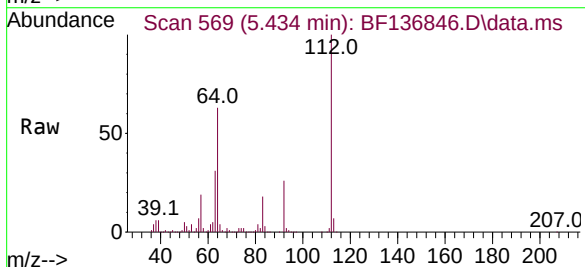
Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2D

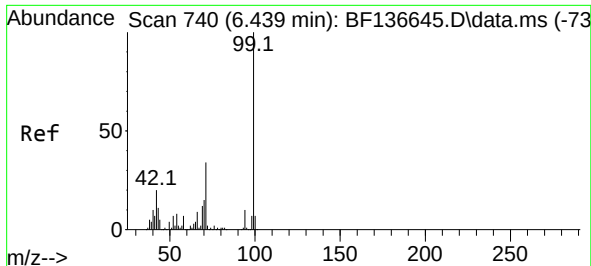
Tgt Ion:152 Resp: 71729
 Ion Ratio Lower Upper
 152 100
 150 156.2 127.0 190.6
 115 61.7 49.0 73.4



#5
 2-Fluorophenol
 Concen: 110.682 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136846.D
 Acq: 30 Dec 2023 00:47

Tgt Ion:112 Resp: 508824
 Ion Ratio Lower Upper
 112 100
 64 62.7 51.1 76.7
 63 31.3 26.1 39.1





#7
Phenol-d6
Concen: 98.026 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

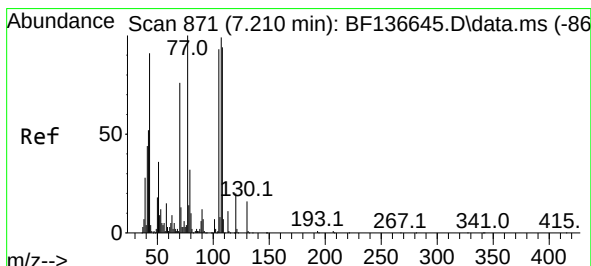
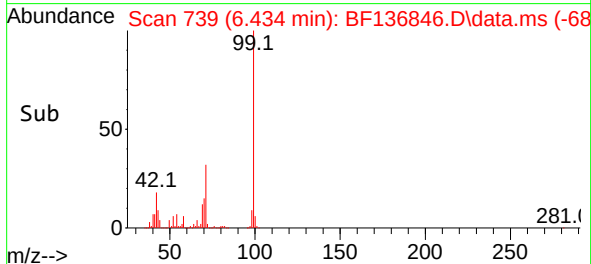
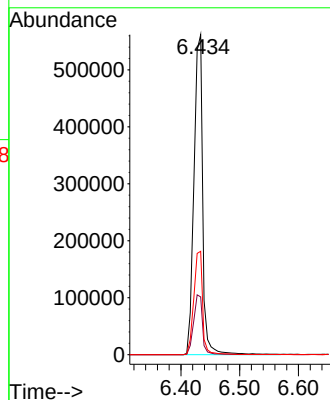
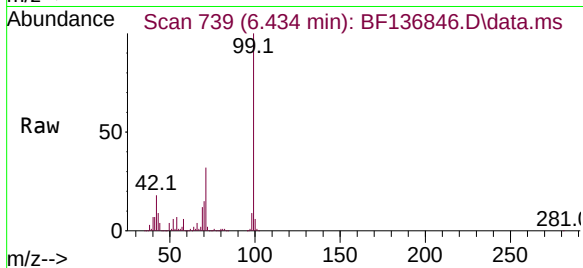
Instrument :

BNA_F

ClientSampleId :

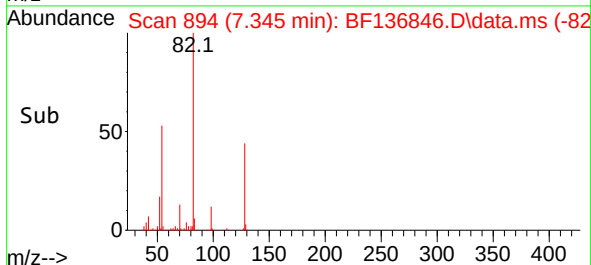
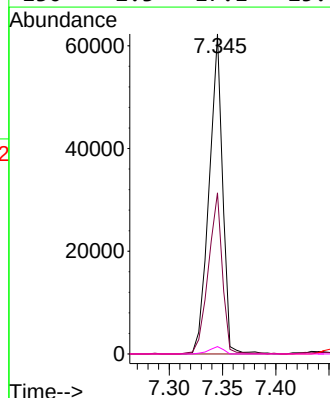
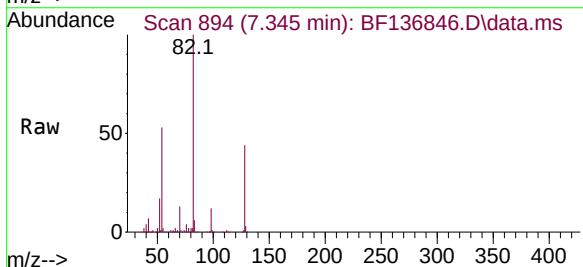
MR-317-0-2D

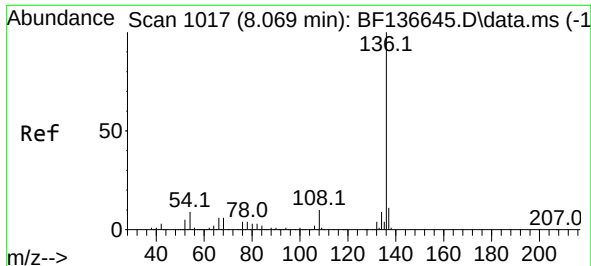
Tgt Ion: 99 Resp: 583924
Ion Ratio Lower Upper
99 100
42 18.1 16.1 24.1
71 32.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.277 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

Tgt Ion: 70 Resp: 55166
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#



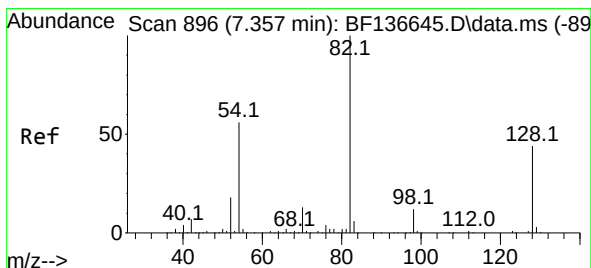
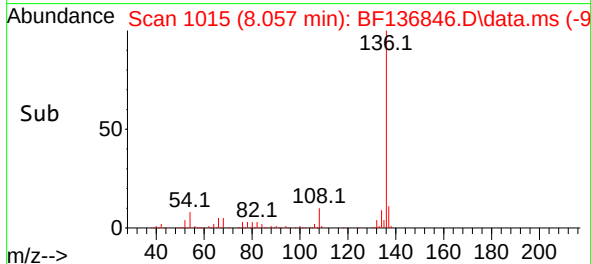
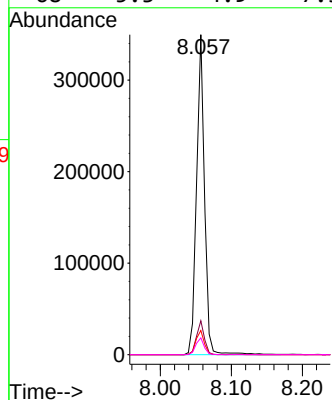
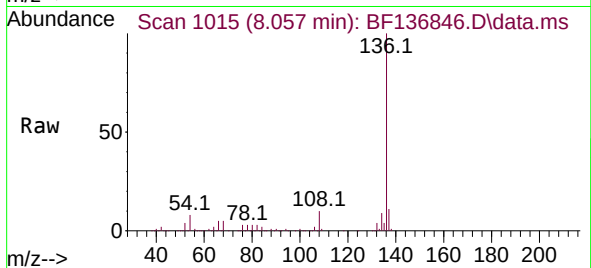


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

Tgt Ion:136 Resp: 274901

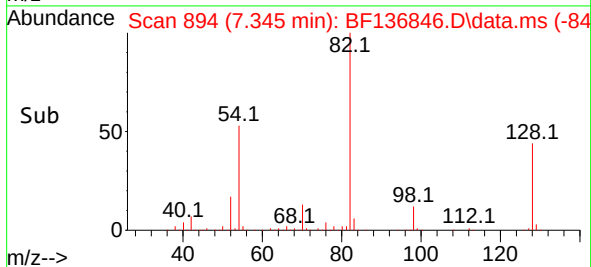
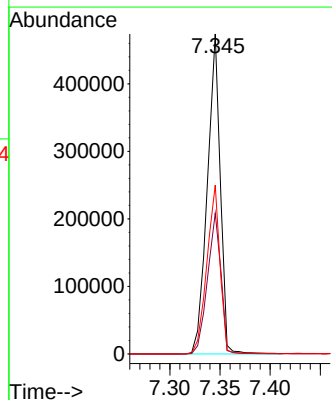
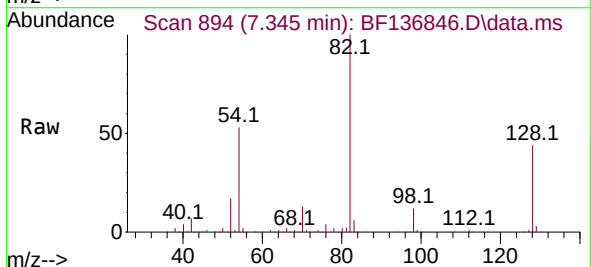
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	7.6	7.2	10.8
68	5.3	4.9	7.3

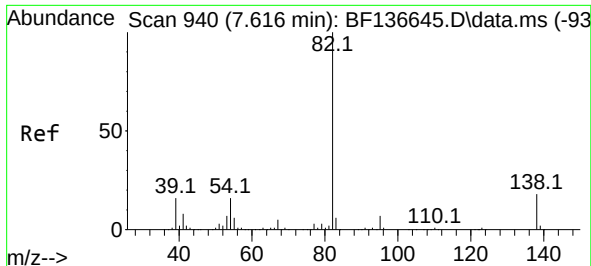


#23
Nitrobenzene-d5
Concen: 79.965 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

Tgt Ion: 82 Resp: 429589

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.3	52.9
54	52.7	44.5	66.7

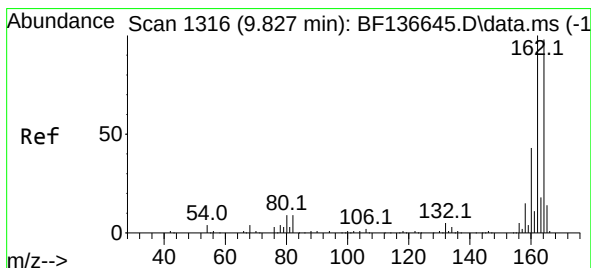
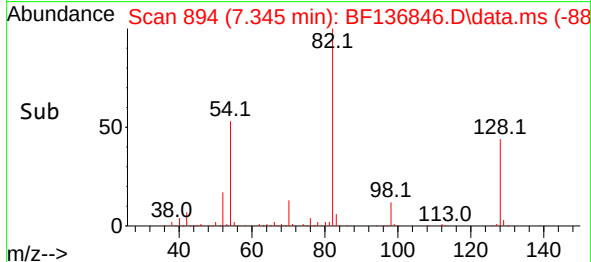
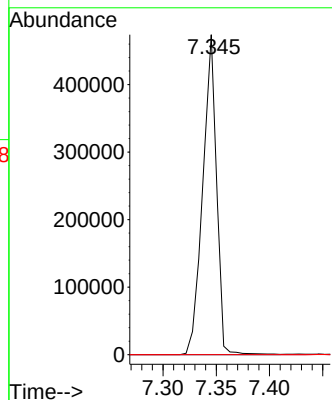
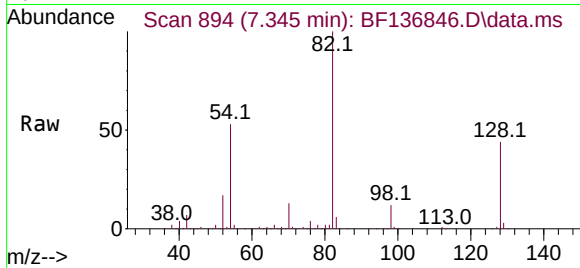




#25
Isophorone
Concen: 43.946 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

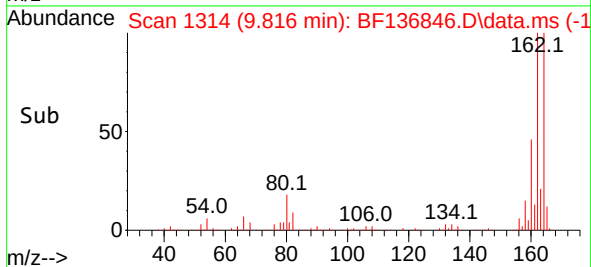
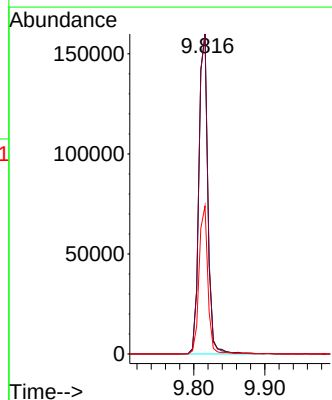
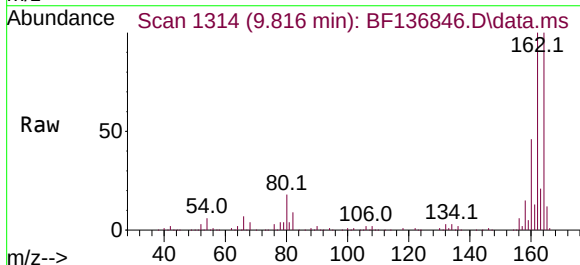
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

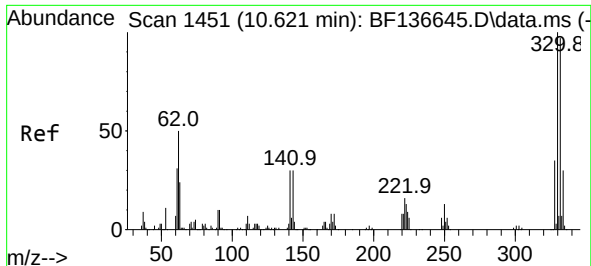
Tgt Ion: 82 Resp: 429585
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

Tgt Ion: 164 Resp: 140397
Ion Ratio Lower Upper
164 100
162 99.9 81.6 122.4
160 46.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 116.164 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136846.D

Acq: 30 Dec 2023 00:47

Instrument :

BNA_F

ClientSampleId :

MR-317-0-2D

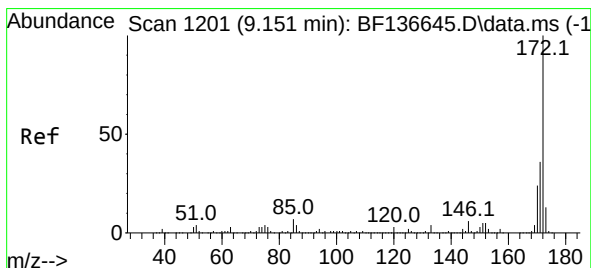
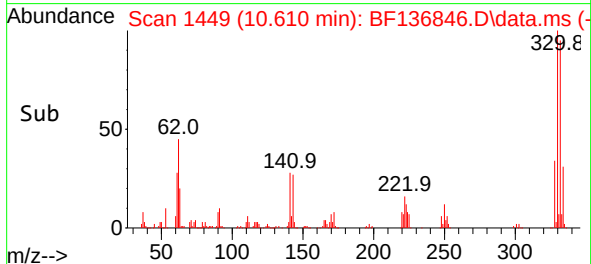
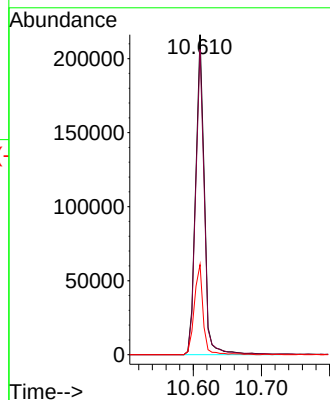
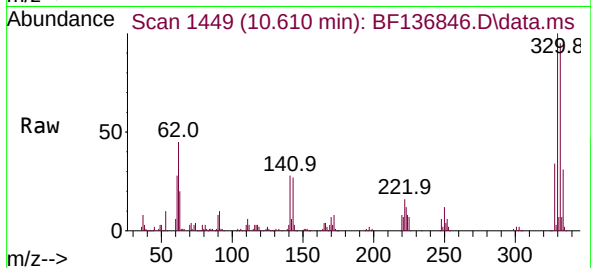
Tgt Ion:330 Resp: 192076

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.161 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136846.D

Acq: 30 Dec 2023 00:47

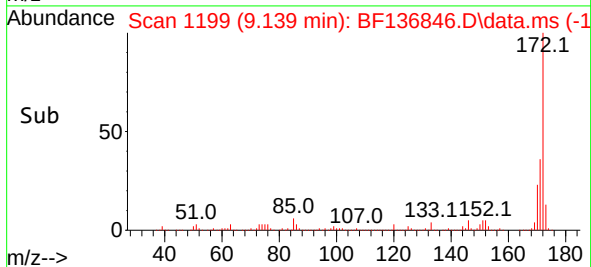
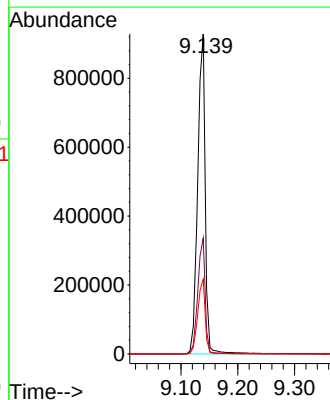
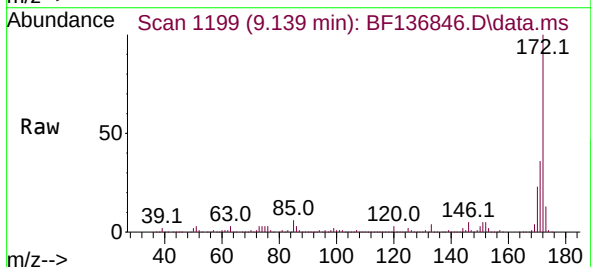
Tgt Ion:172 Resp: 868078

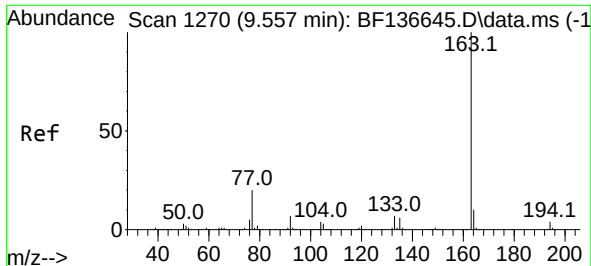
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.4 19.0 28.4

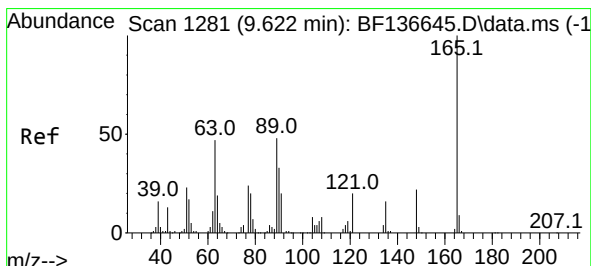
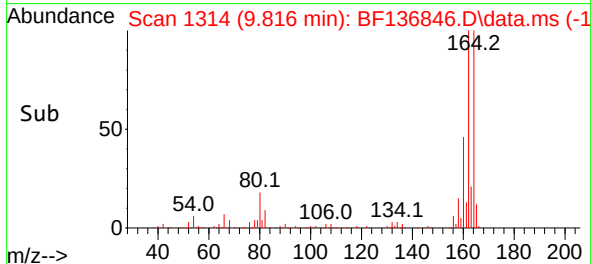
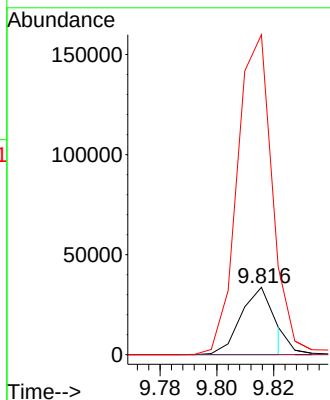
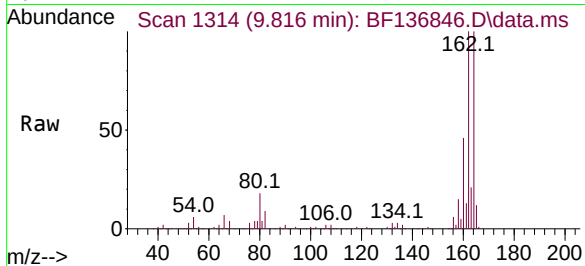




#50
Dimethylphthalate
Concen: 2.661 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

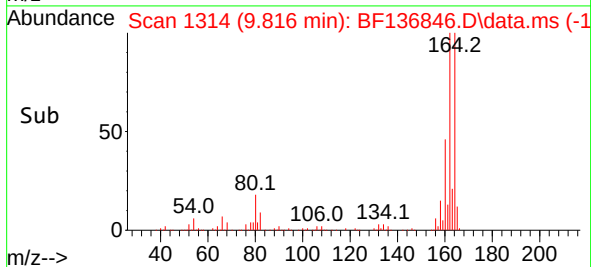
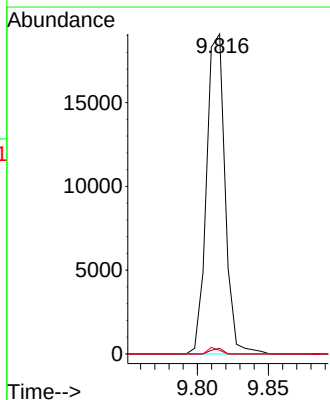
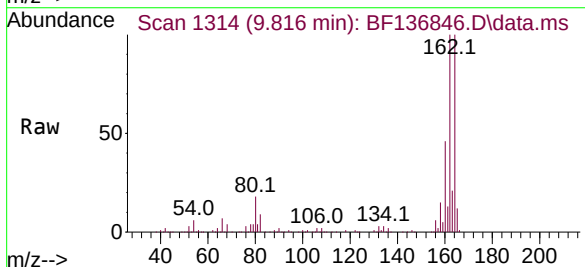
Instrument :
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MR-317-0-2D

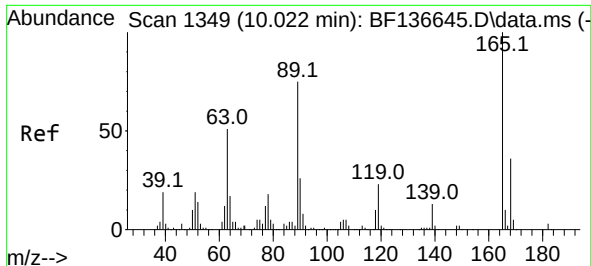
Tgt Ion:163 Resp: 27288
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 475.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.434 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

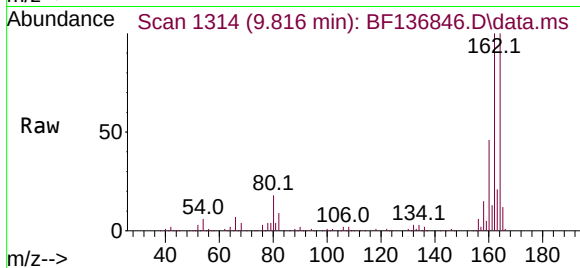
Tgt Ion:165 Resp: 17302
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.1 38.8 58.2#



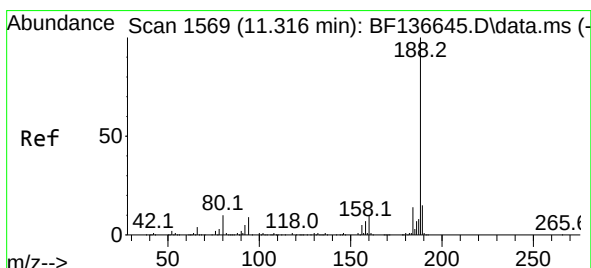
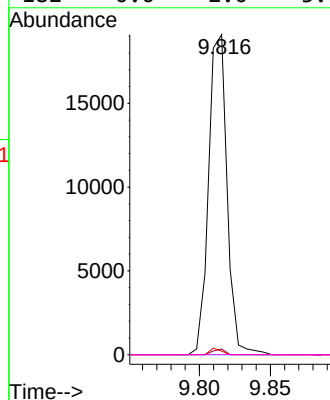
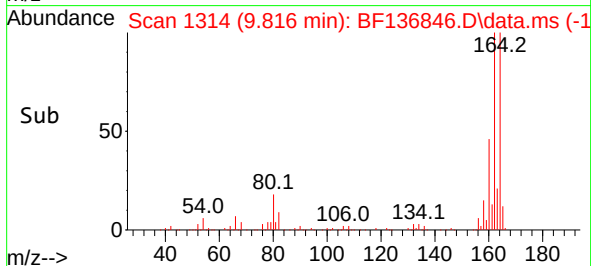


#57
2,4-Dinitrotoluene
Concen: 5.727 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

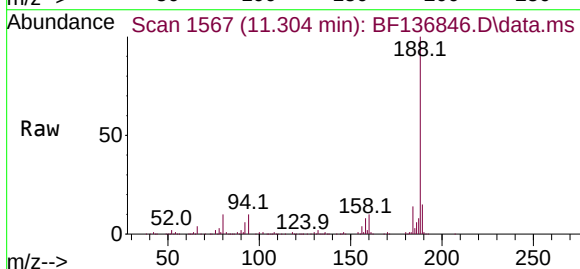
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D



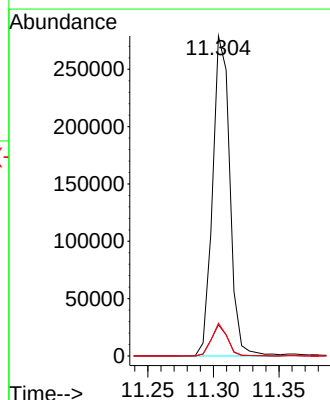
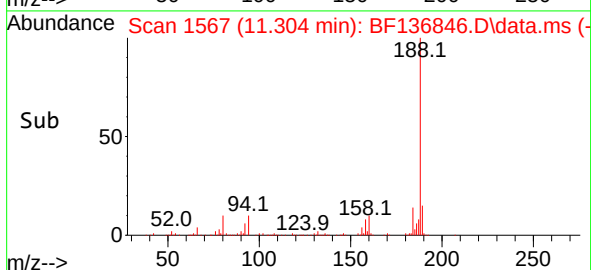
Tgt Ion:165 Resp: 17302
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#

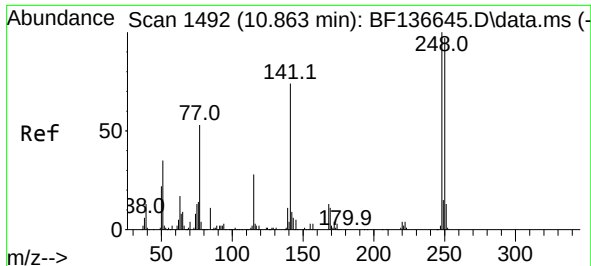


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47



Tgt Ion:188 Resp: 255064
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 10.2 8.1 12.1

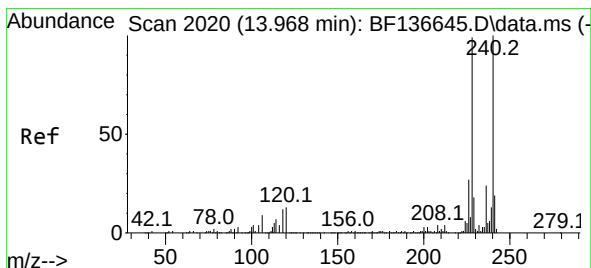
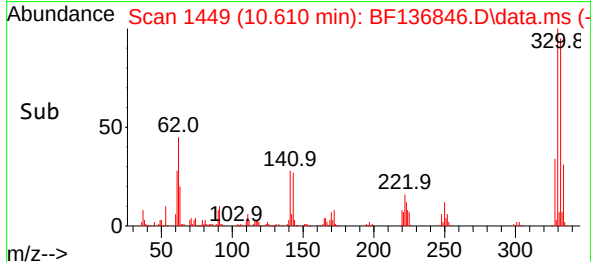
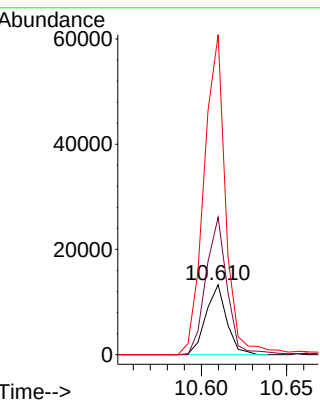
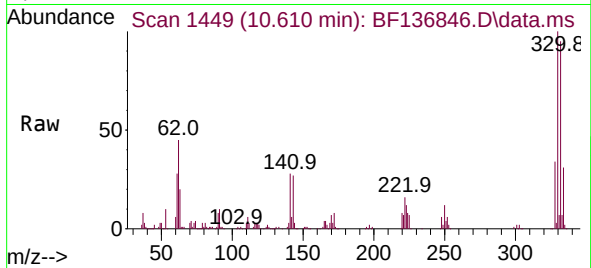




#67
4-Bromophenyl-phenylether
Concen: 3.992 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

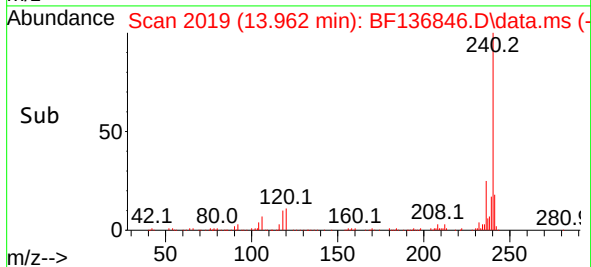
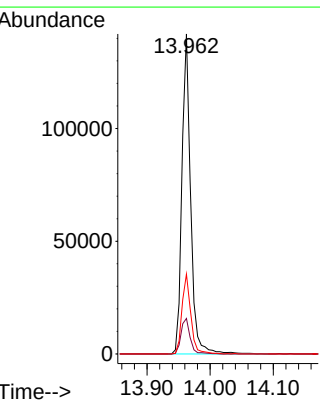
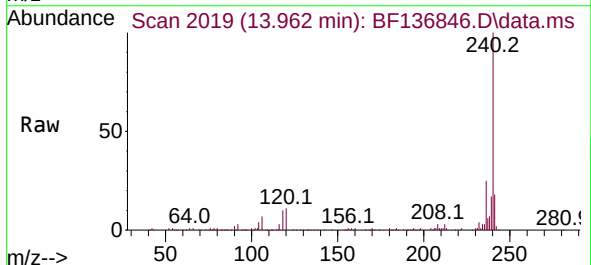
Instrument :
BNA_F
ClientSampleId :
MR-317-0-2D

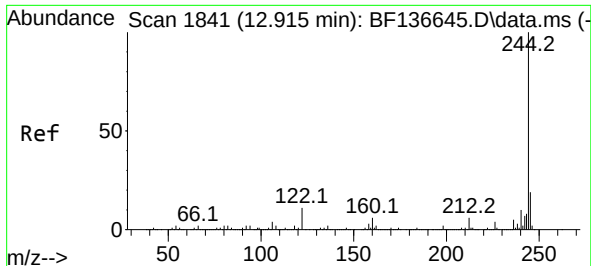
Tgt Ion:248 Resp: 11309
Ion Ratio Lower Upper
248 100
250 196.5 77.8 116.6#
141 457.6 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136846.D
Acq: 30 Dec 2023 00:47

Tgt Ion:240 Resp: 136650
Ion Ratio Lower Upper
240 100
120 11.1 10.3 15.5
236 24.9 19.4 29.2

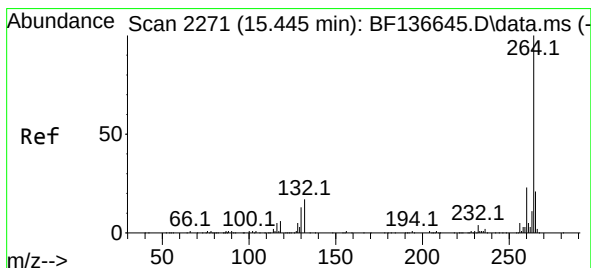
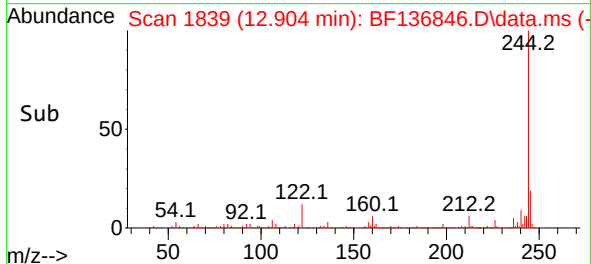
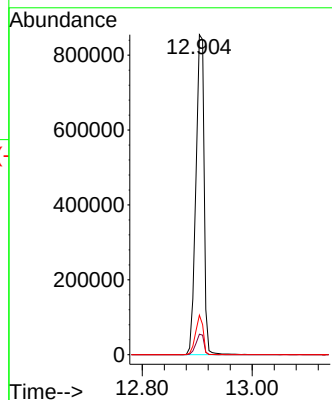
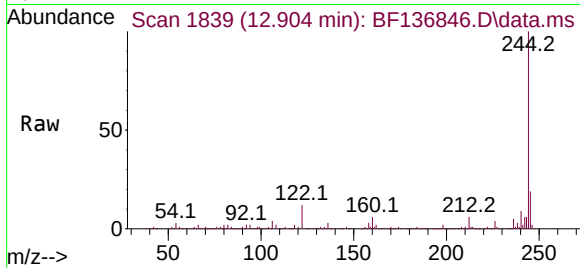




#79
 Terphenyl-d14
 Concen: 90.186 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136846.D
 Acq: 30 Dec 2023 00:47

Instrument :
 BNA_F
 ClientSampleId :
 MR-317-0-2D

Tgt Ion:244 Resp: 881870
 Ion Ratio Lower Upper
 244 100
 212 6.4 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: BF136846.D
 Acq: 30 Dec 2023 00:47

Tgt Ion:264 Resp: 140426
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.3 27.5
 265 20.6 17.0 25.6

