

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136837.D
 Acq On : 29 Dec 2023 19:17
 Operator : CG\JU
 Sample : 05897-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-38a

Quant Time: Dec 30 01:03:54 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)

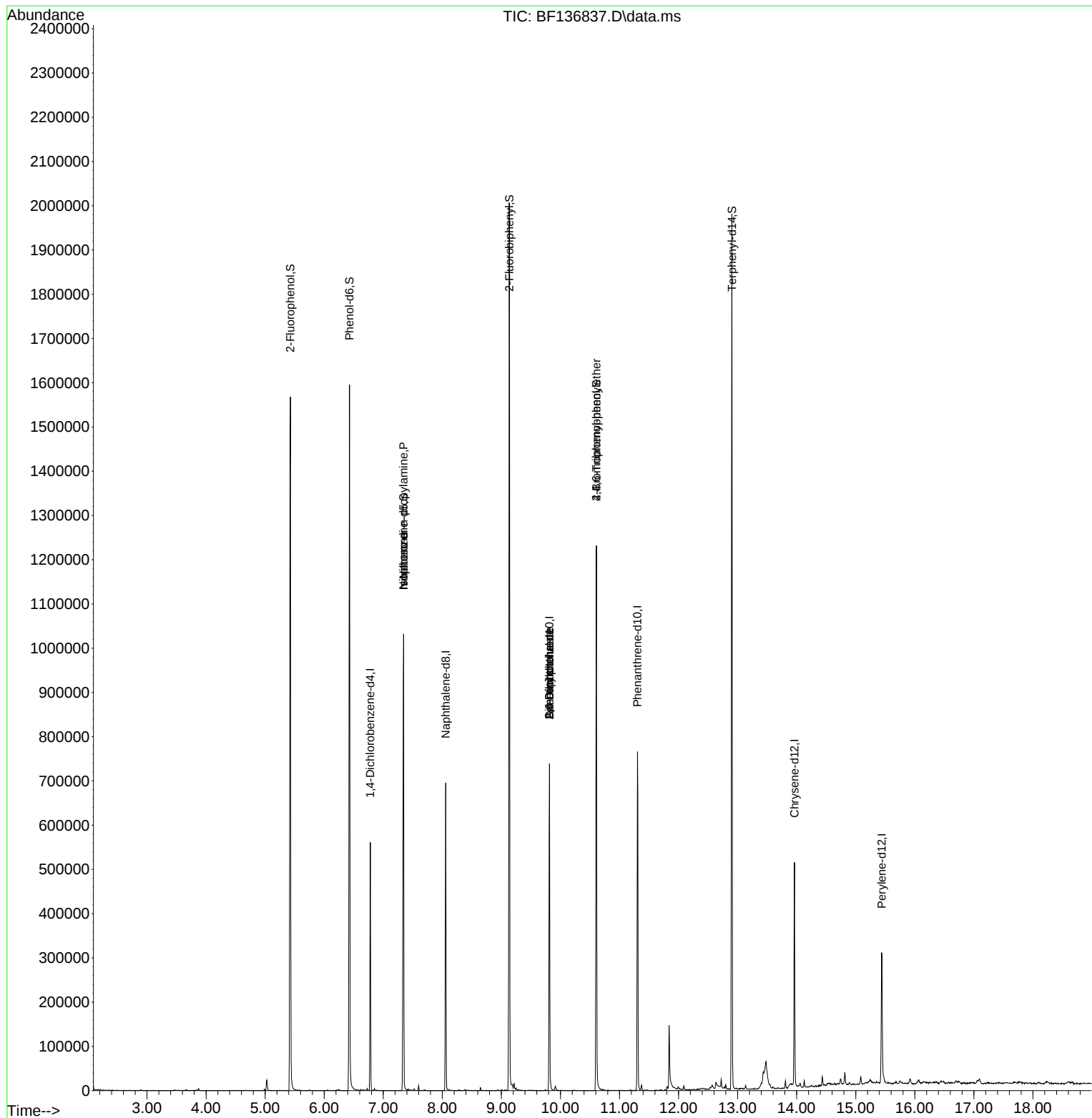
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	74783	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	287073	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	149613	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	290555	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	166348	20.000	ng	0.00
86) Perylene-d12	15.439	264	145392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	430960	89.916	ng	0.00
7) Phenol-d6	6.428	99	540032	86.955	ng	-0.01
23) Nitrobenzene-d5	7.345	82	338926	60.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	154729	87.813	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	665452	59.823	ng	-0.02
79) Terphenyl-d14	12.904	244	680835	57.196	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	44693	11.871	ng	# 74
25) Isophorone	7.345	82	338920	33.201	ng	# 65
50) Dimethylphthalate	9.816	163	31018	2.838	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	19826	7.994	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	19826	6.158	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9275	2.874	ng	# 1

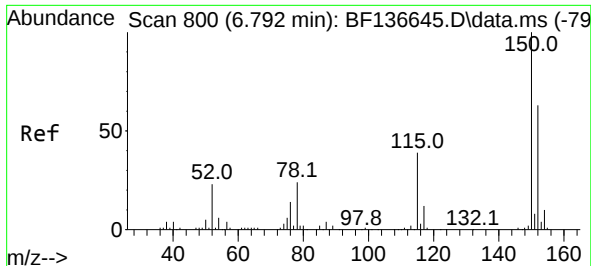
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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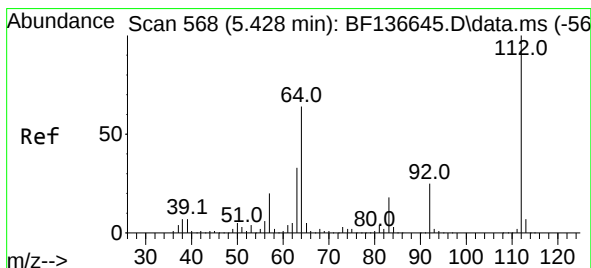
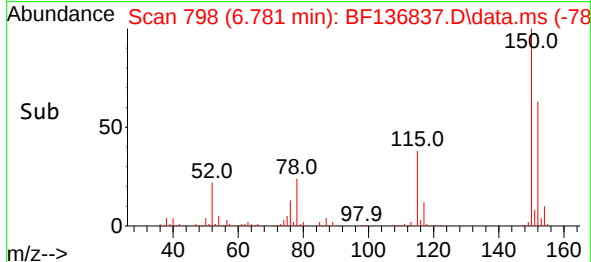
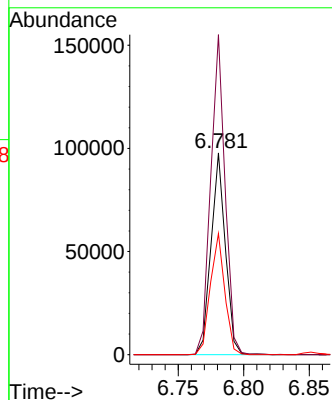
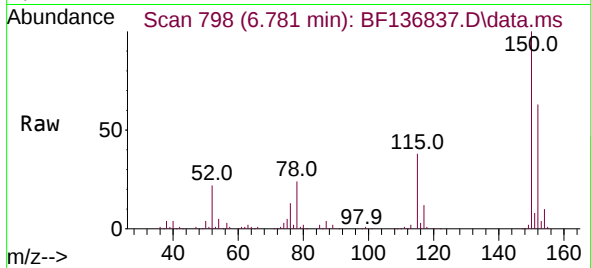




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

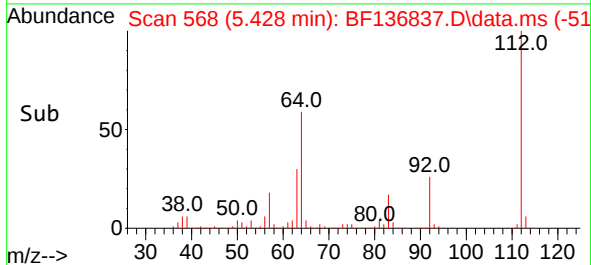
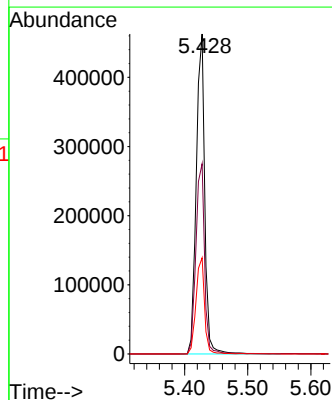
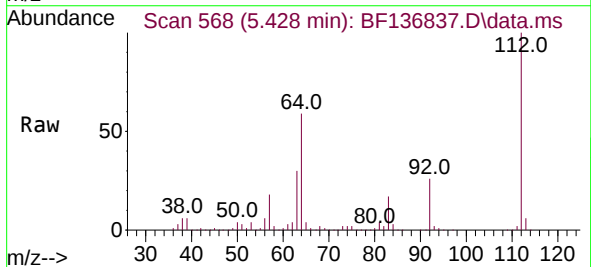
Instrument :
BNA_F
ClientSampleId :
GHL-SS-38a

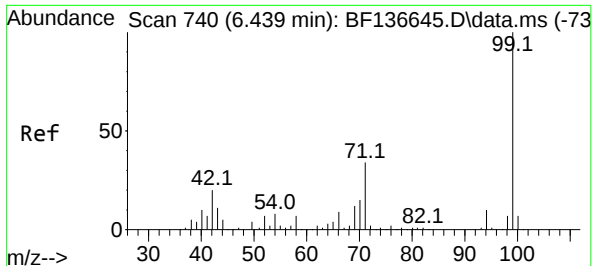
Tgt Ion:152 Resp: 74783
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 60.0 49.0 73.4



#5
2-Fluorophenol
Concen: 89.916 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion:112 Resp: 430960
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 30.0 26.1 39.1

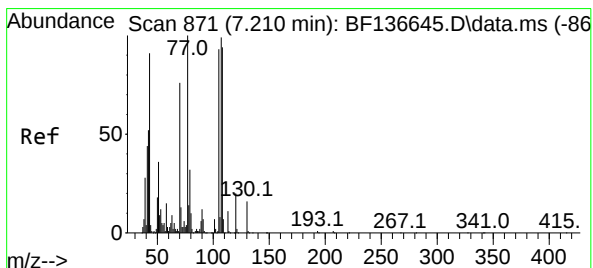
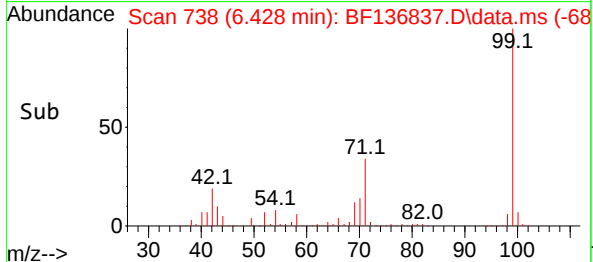
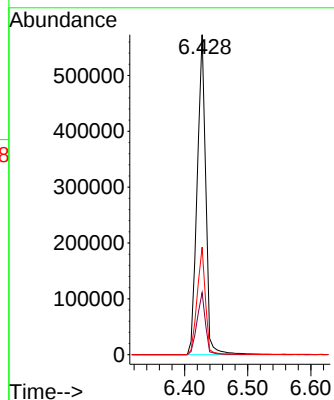
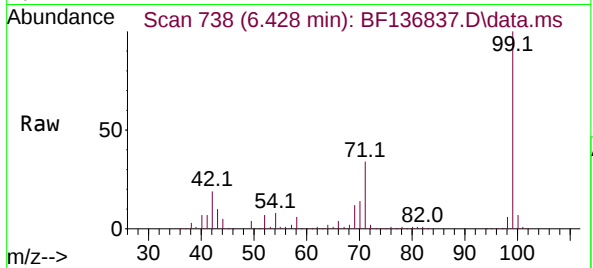




#7
Phenol-d6
Concen: 86.955 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

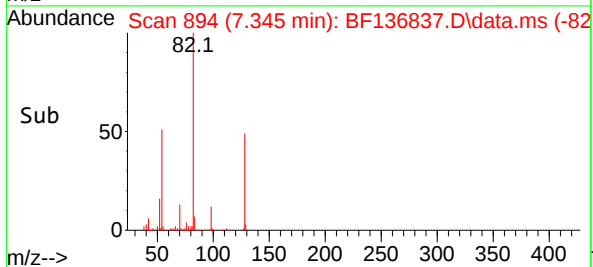
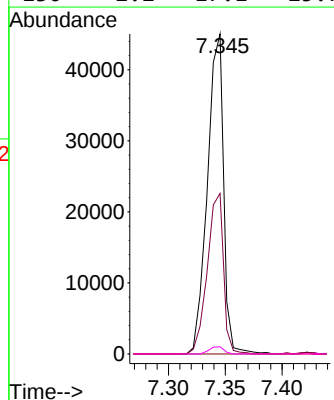
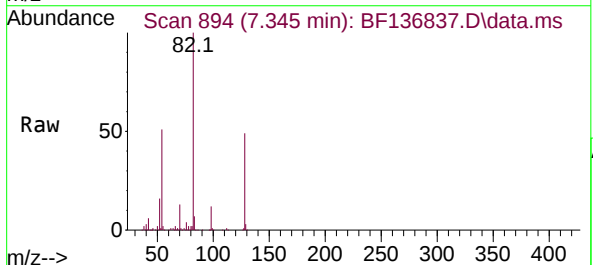
Instrument :
BNA_F
ClientSampleId :
GHL-SS-38a

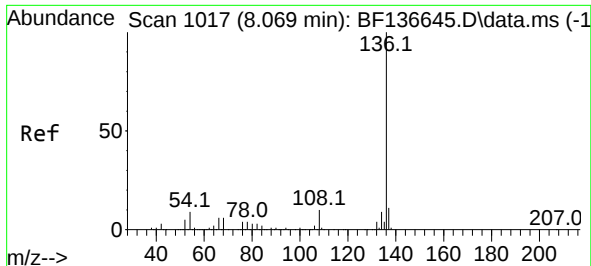
Tgt Ion: 99 Resp: 540032
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.871 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion: 70 Resp: 44693
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.2 17.1 25.7#



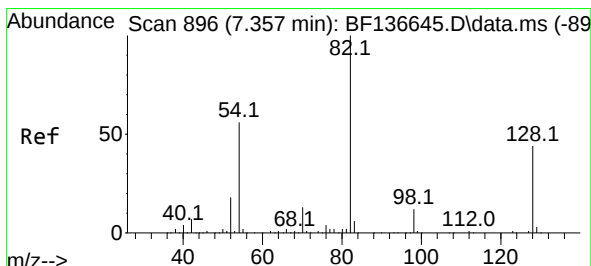
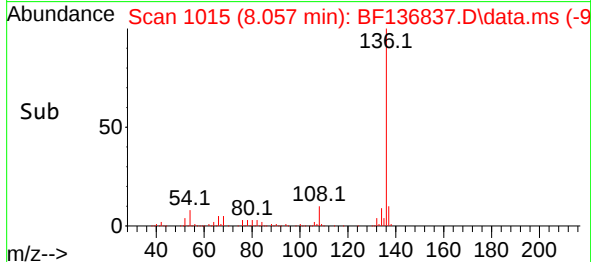
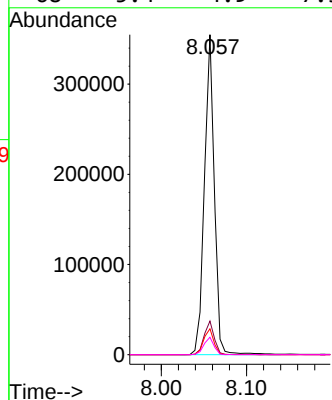
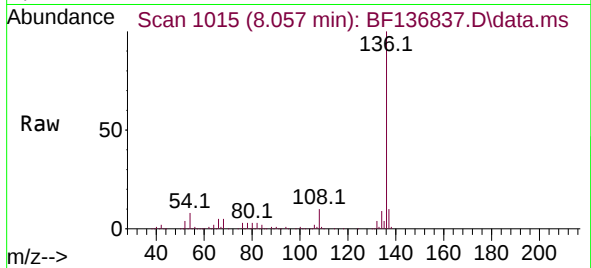


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Instrument :
BNA_F
ClientSampleId :
GHL-SS-38a

Tgt Ion:136 Resp: 287073

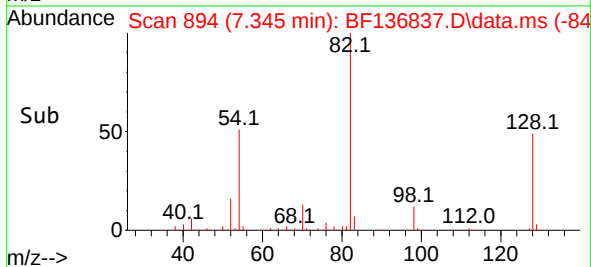
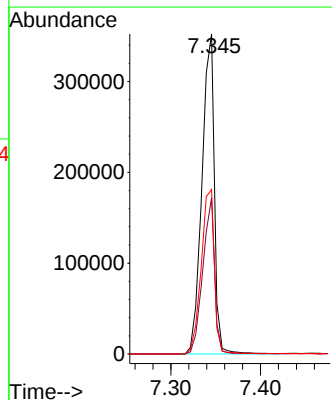
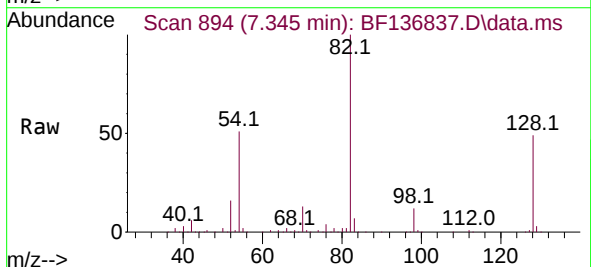
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	8.1	7.2	10.8
68	5.4	4.9	7.3

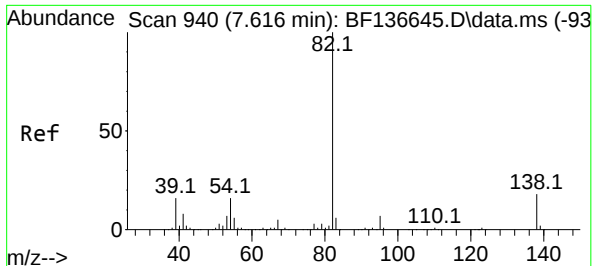


#23
Nitrobenzene-d5
Concen: 60.414 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion: 82 Resp: 338926

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.3	52.9
54	51.4	44.5	66.7

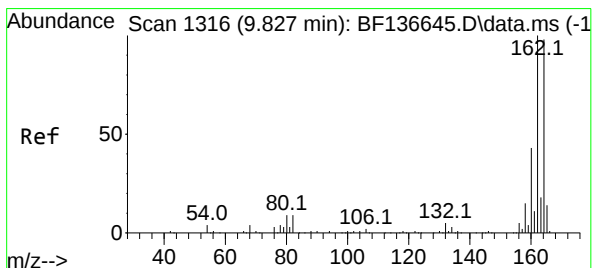
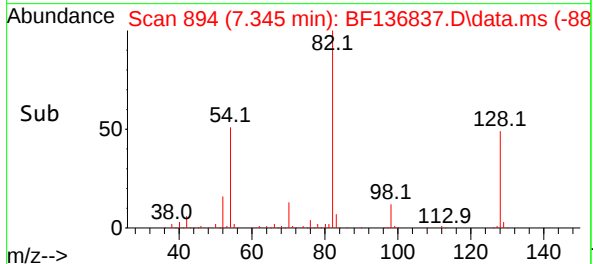
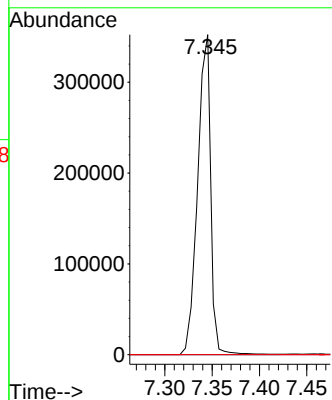
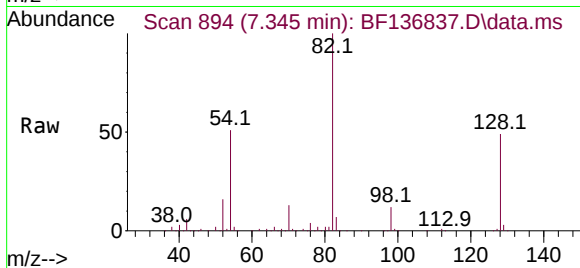




#25
Isophorone
Concen: 33.201 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

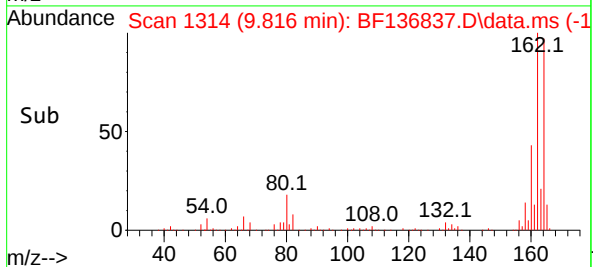
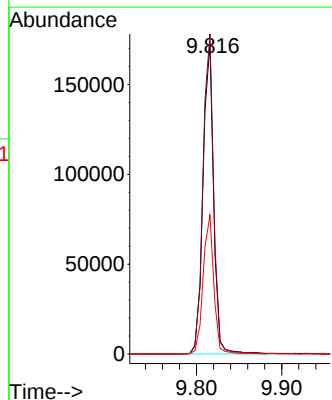
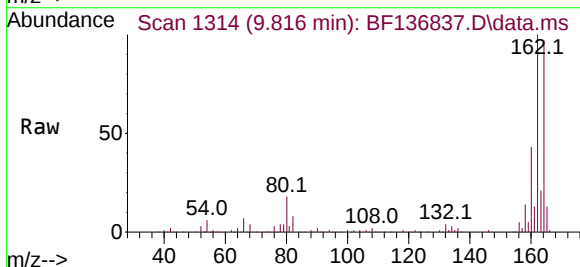
Instrument :
BNA_F
ClientSampleId :
GHL-SS-38a

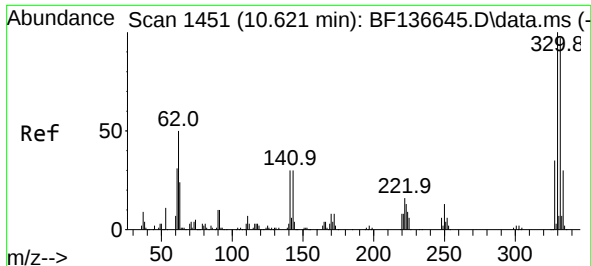
Tgt Ion: 82 Resp: 338920
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion:164 Resp: 149613
Ion Ratio Lower Upper
164 100
162 103.0 81.6 122.4
160 44.6 34.9 52.3

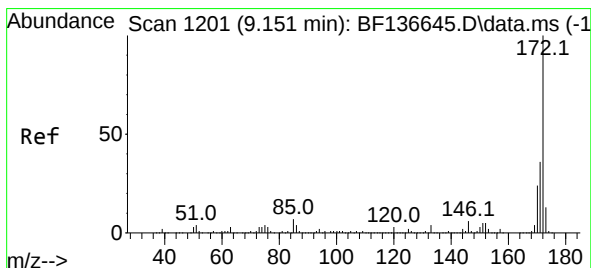
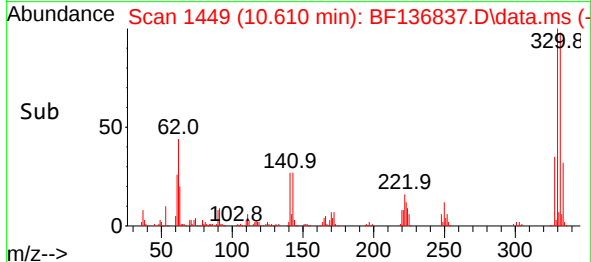
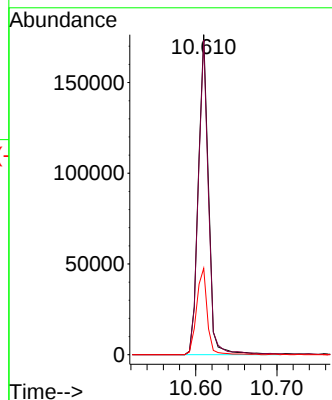
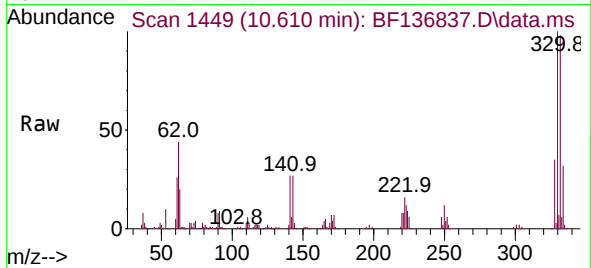




#42
2,4,6-Tribromophenol
Concen: 87.813 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

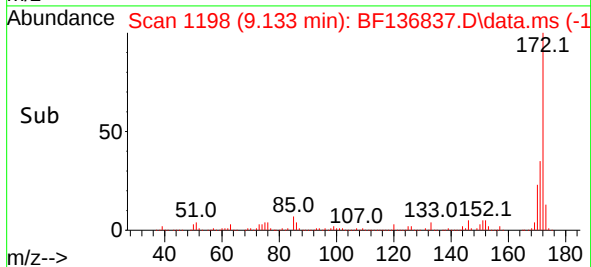
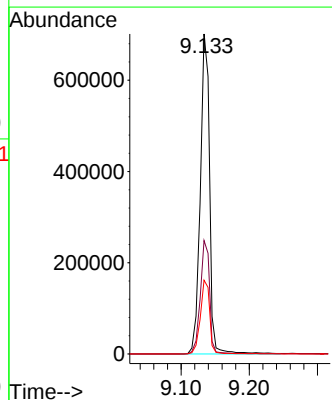
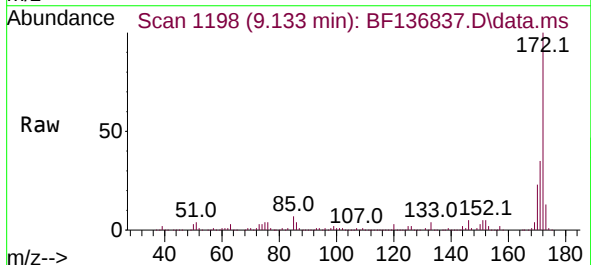
Instrument :
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ClientSampleId :
GHL-SS-38a

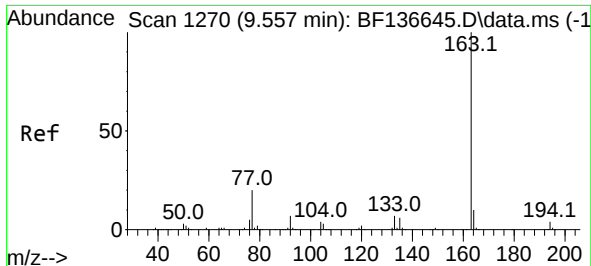
Tgt Ion:330 Resp: 154729
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.823 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion:172 Resp: 665452
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.0 19.0 28.4

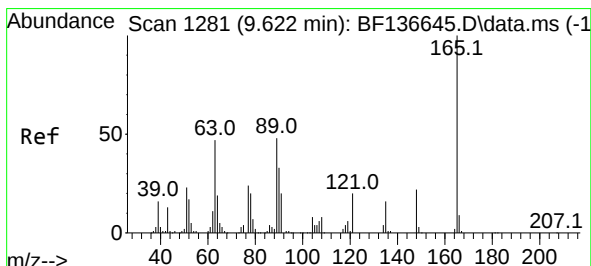
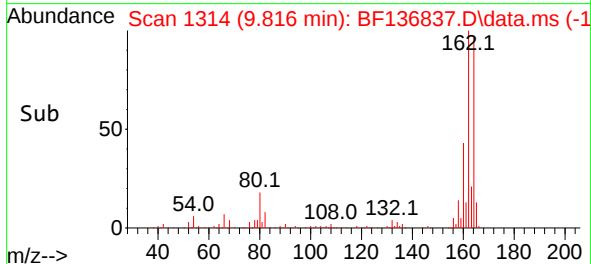
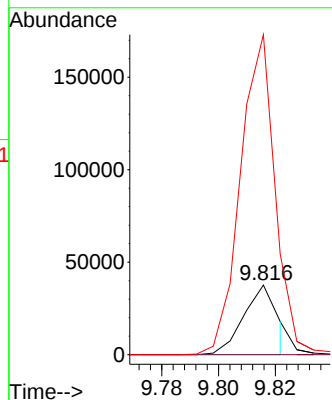
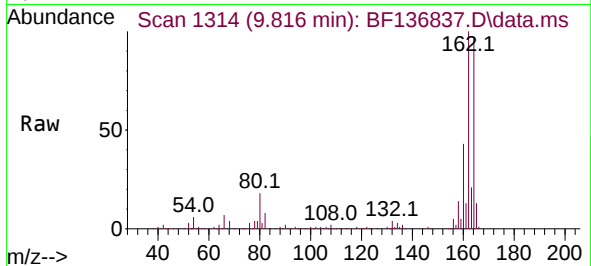




#50
Dimethylphthalate
Concen: 2.838 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

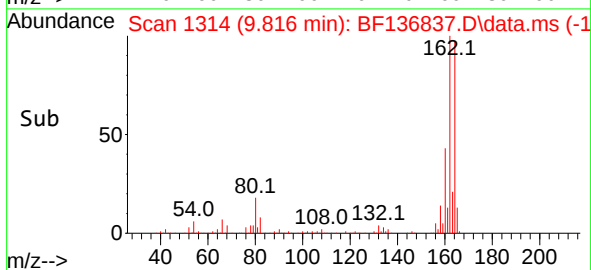
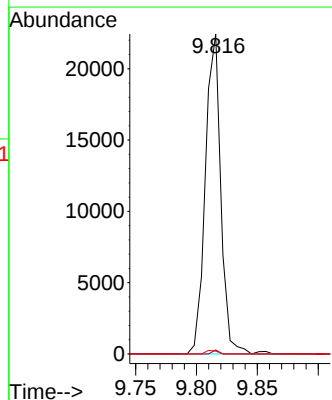
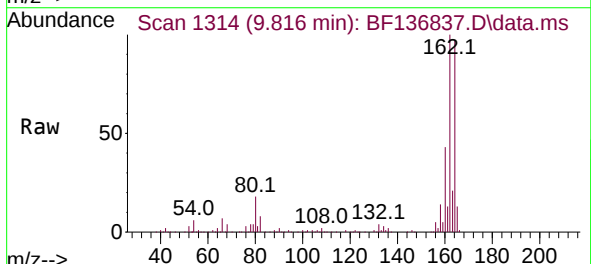
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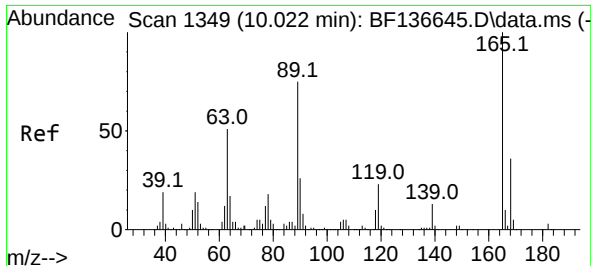
Tgt Ion:163 Resp: 31018
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 460.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.994 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

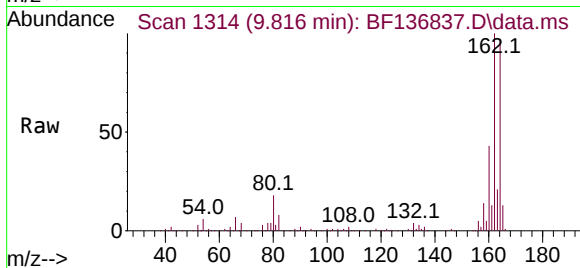
Tgt Ion:165 Resp: 19826
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 0.9 38.8 58.2#



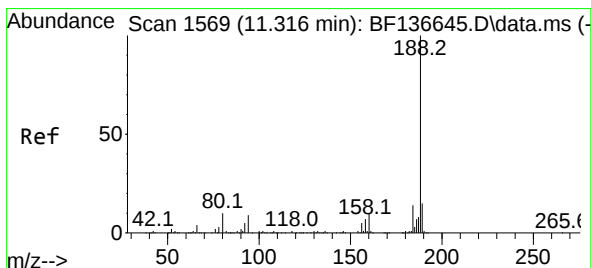
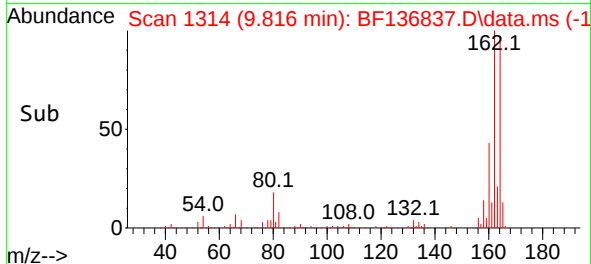
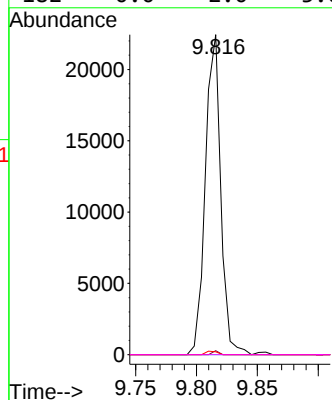


#57
2,4-Dinitrotoluene
Concen: 6.158 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Instrument :
BNA_F
ClientSampleId :
GHL-SS-38a

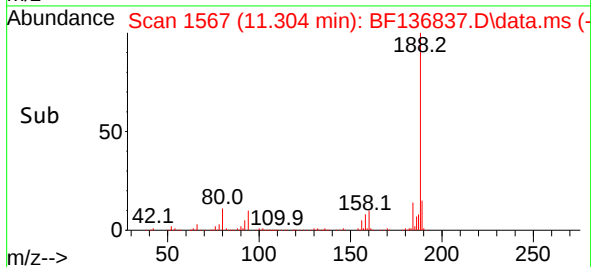
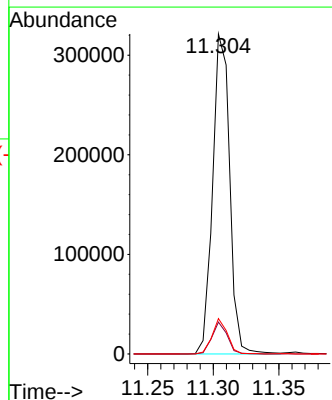
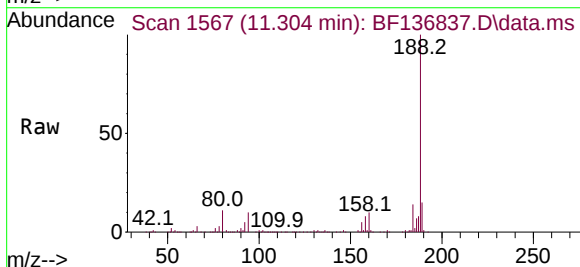


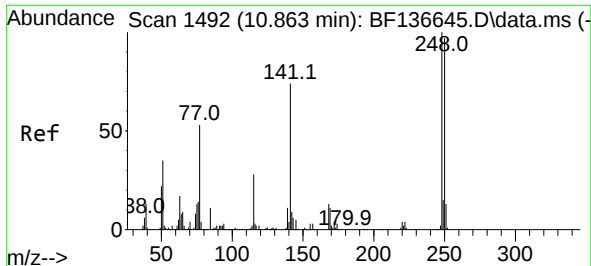
Tgt Ion:165 Resp: 19826
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 0.9 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion:188 Resp: 290555
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 11.1 8.1 12.1

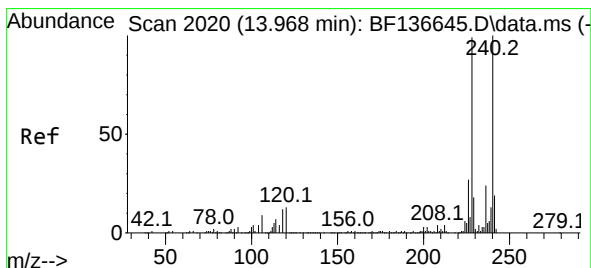
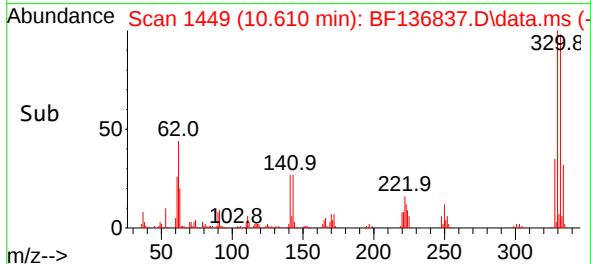
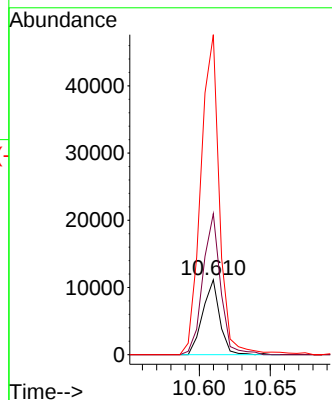
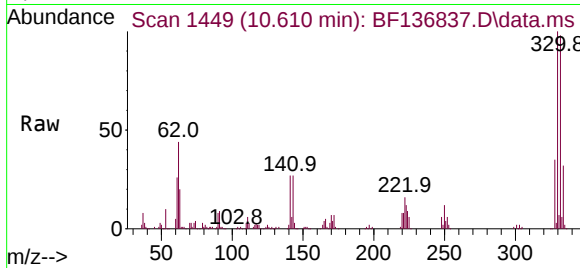




#67
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

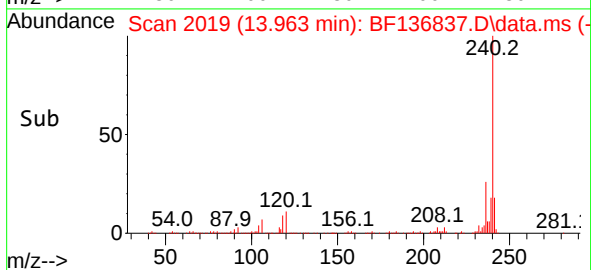
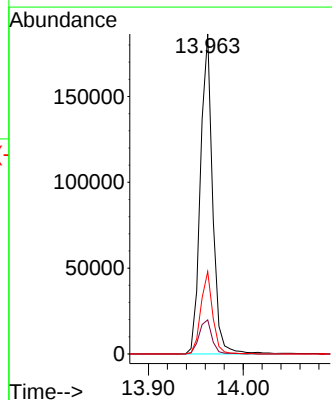
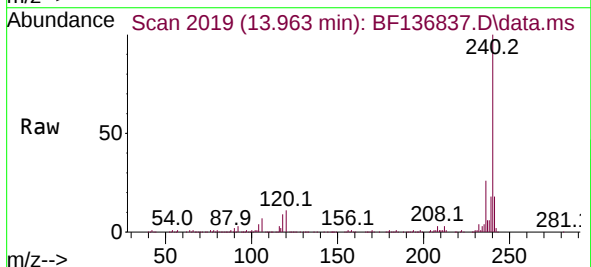
Instrument :
BNA_F
ClientSampleId :
GHL-SS-38a

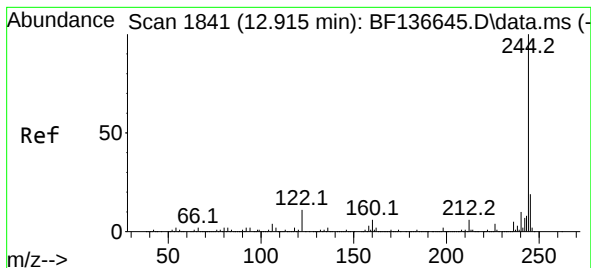
Tgt Ion:248 Resp: 9275
Ion Ratio Lower Upper
248 100
250 188.2 77.8 116.6#
141 427.0 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136837.D
Acq: 29 Dec 2023 19:17

Tgt Ion:240 Resp: 166348
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 25.8 19.4 29.2





#79

Terphenyl-d14

Concen: 57.196 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136837.D

Acq: 29 Dec 2023 19:17

Instrument :

BNA_F

ClientSampleId :

GHL-SS-38a

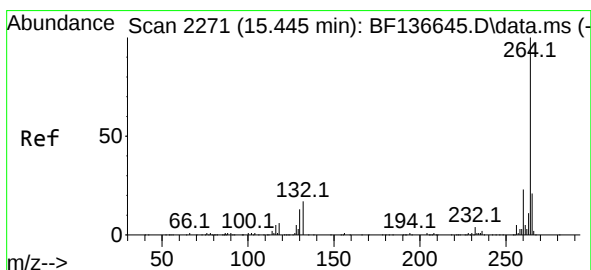
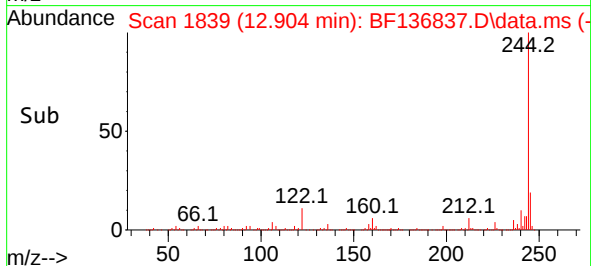
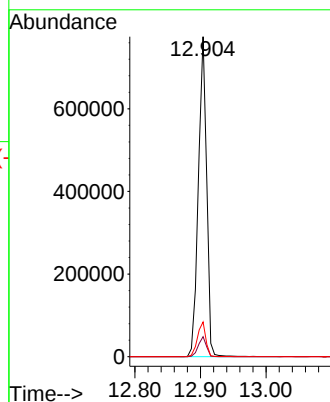
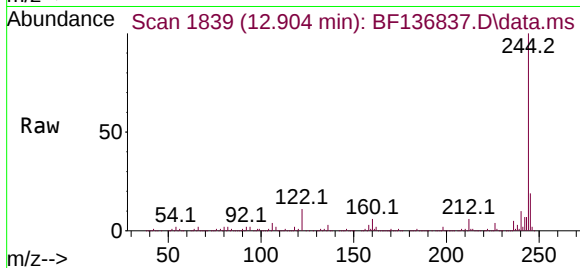
Tgt Ion:244 Resp: 680835

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 10.8 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: BF136837.D

Acq: 29 Dec 2023 19:17

Tgt Ion:264 Resp: 145392

Ion Ratio Lower Upper

264 100

260 24.0 18.3 27.5

265 20.4 17.0 25.6

