

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136859.D
 Acq On : 30 Dec 2023 07:52
 Operator : CG\JU
 Sample : 05897-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-34

Quant Time: Jan 01 00:32:30 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)

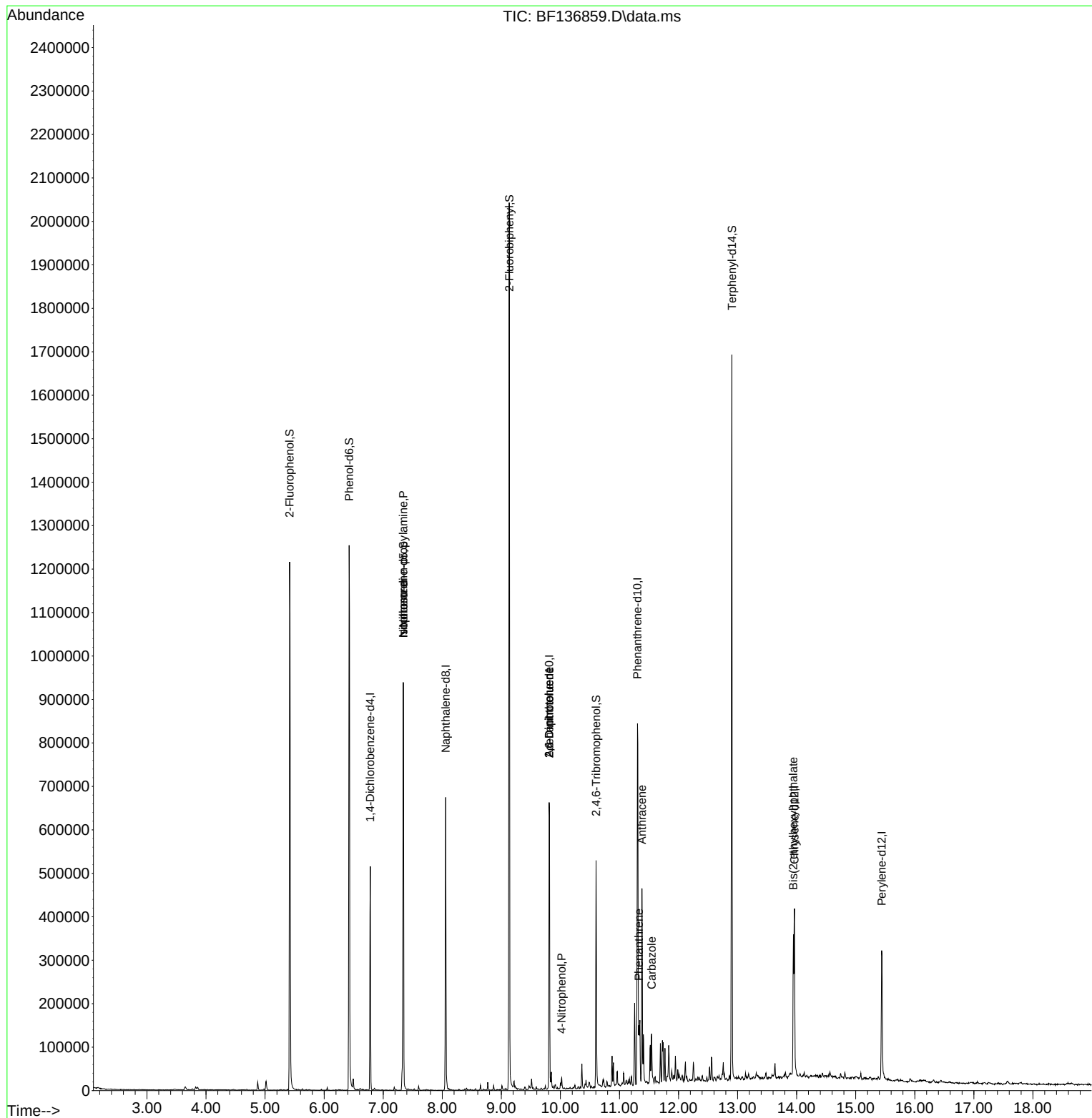
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73518	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	281357	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	143787	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	262370	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	137168	20.000	ng	0.00
86) Perylene-d12	15.439	264	147161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	346755	73.592	ng	-0.01
7) Phenol-d6	6.422	99	459650	75.286	ng	-0.02
23) Nitrobenzene-d5	7.340	82	293044	53.297	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	62051	36.643	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	610072	57.066	ng	-0.02
79) Terphenyl-d14	12.904	244	570000	58.072	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	38544	10.414	ng	# 74
25) Isophorone	7.340	82	291525	29.138	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	19012	7.976	ng	# 30
56) 4-Nitrophenol	10.022	139	3889	2.282	ng	# 7
57) 2,4-Dinitrotoluene	9.810	165	19012	6.144	ng	# 21
71) Phenanthrene	11.328	178	43614	3.240	ng	100
72) Anthracene	11.381	178	165494	12.139	ng	99
73) Carbazole	11.545	167	52929	4.118	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	84263	13.669	ng	# 95

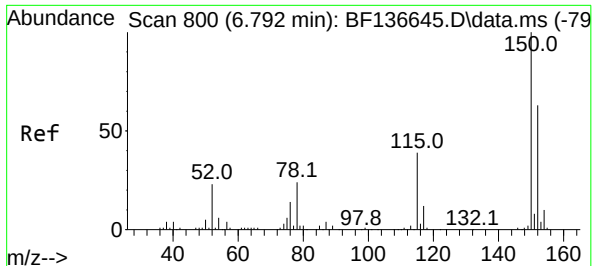
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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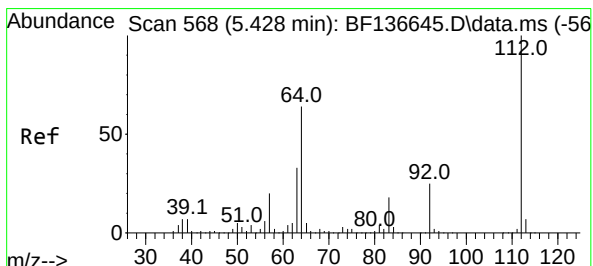
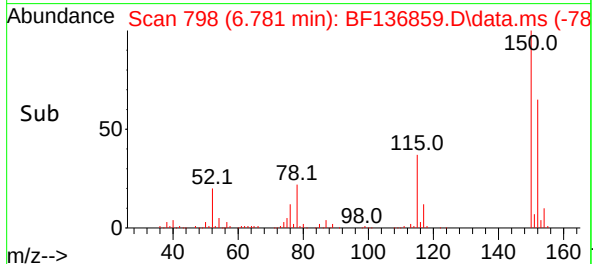
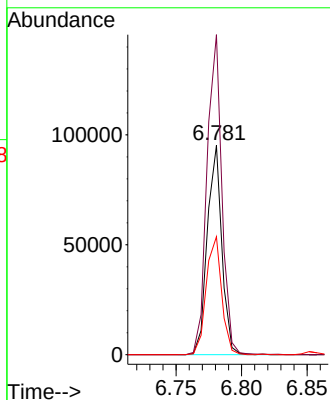
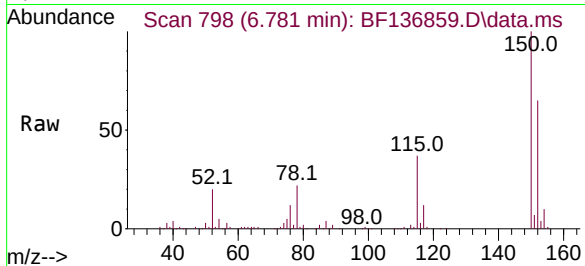




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

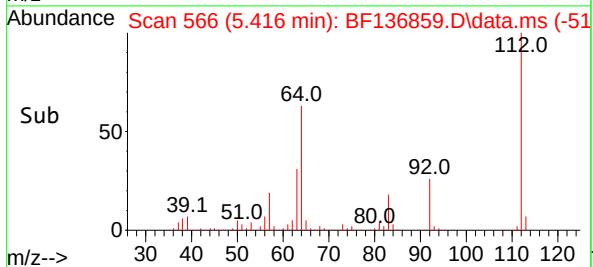
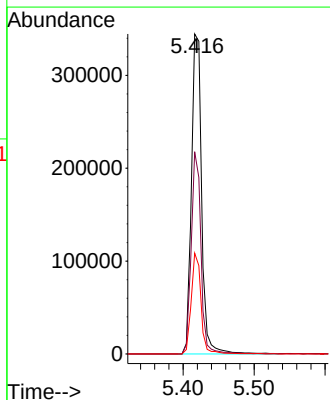
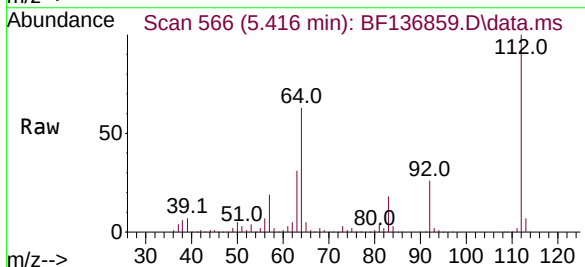
Instrument :
BNA_F
ClientSampleId :
GHL-SS-34

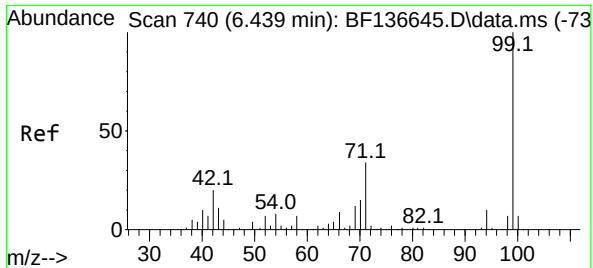
Tgt Ion:152 Resp: 73518
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 56.3 49.0 73.4



#5
2-Fluorophenol
Concen: 73.592 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

Tgt Ion:112 Resp: 346755
Ion Ratio Lower Upper
112 100
64 63.2 51.1 76.7
63 31.5 26.1 39.1

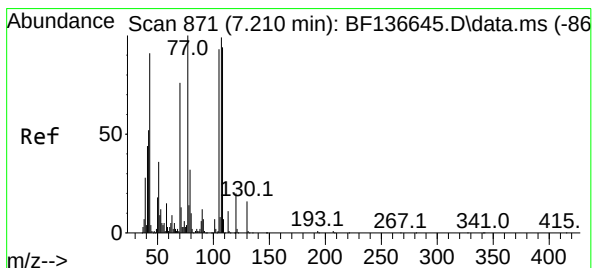
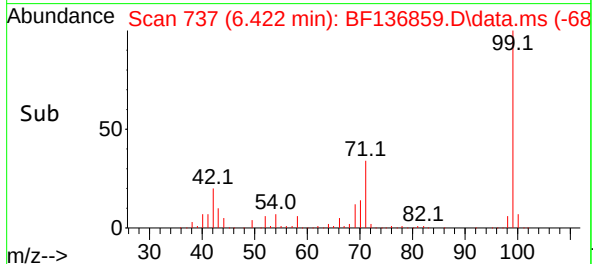
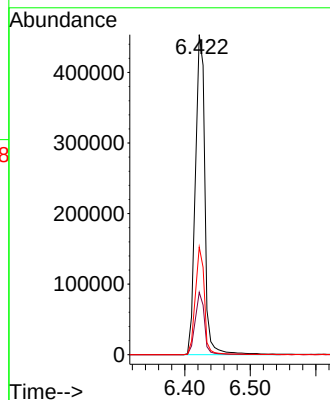
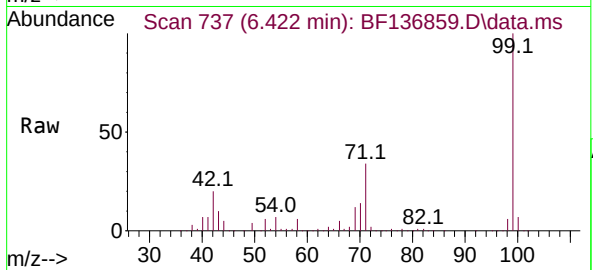




#7
Phenol-d6
Concen: 75.286 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

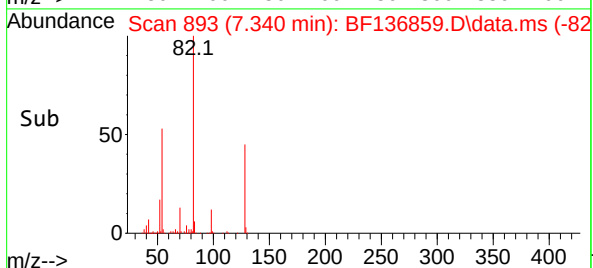
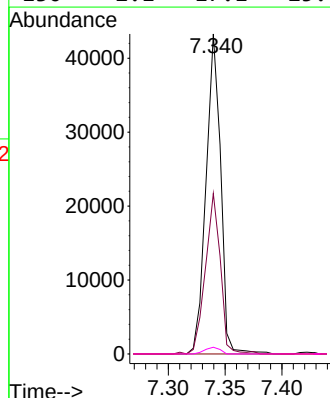
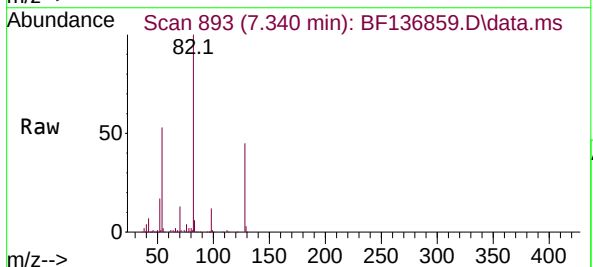
Instrument :
BNA_F
ClientSampleId :
GHL-SS-34

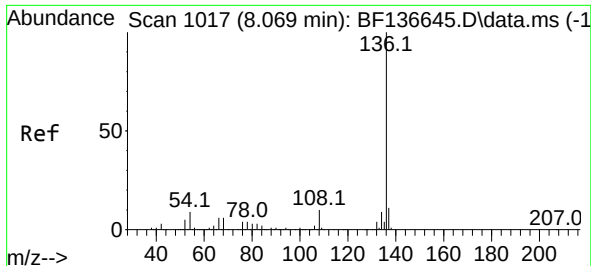
Tgt Ion: 99 Resp: 459650
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.414 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

Tgt Ion: 70 Resp: 38544
Ion Ratio Lower Upper
70 100
42 50.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



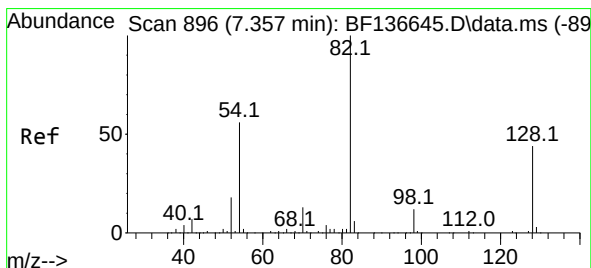
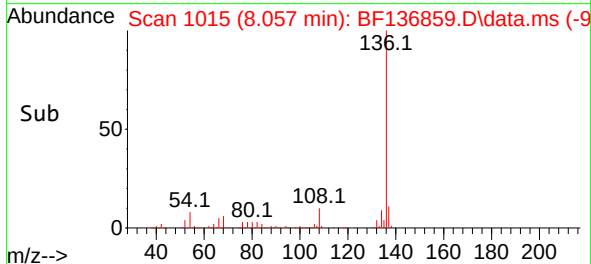
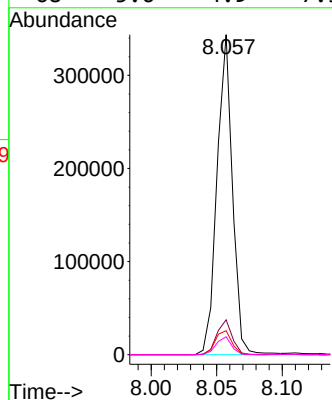
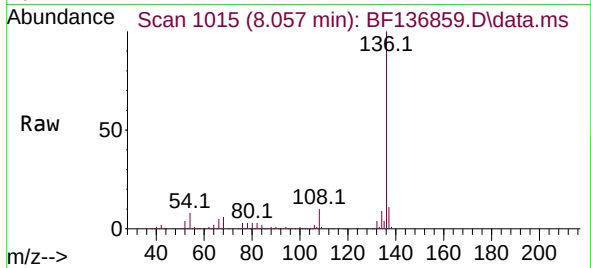


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

Instrument :
BNA_F
ClientSampleId :
GHL-SS-34

Tgt Ion:136 Resp: 281357

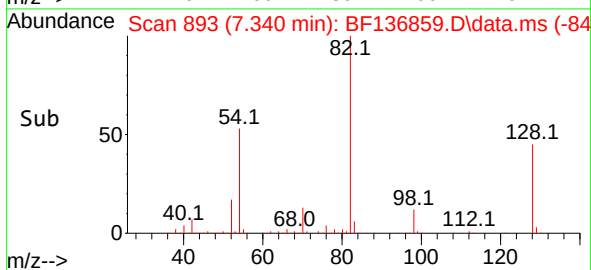
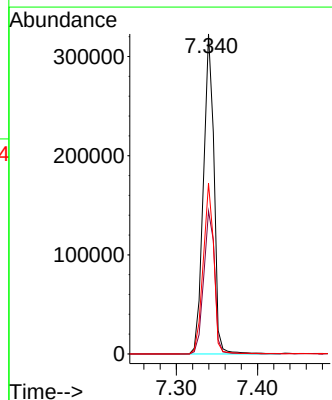
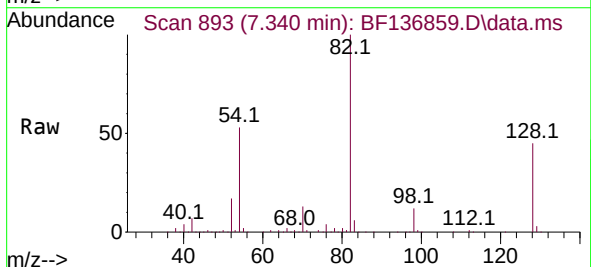
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.5	7.2	10.8
68	5.6	4.9	7.3

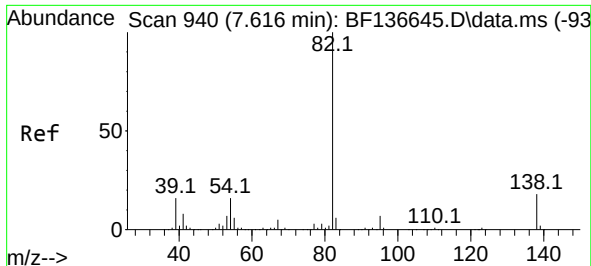


#23
Nitrobenzene-d5
Concen: 53.297 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

Tgt Ion: 82 Resp: 293044

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	53.3	44.5	66.7

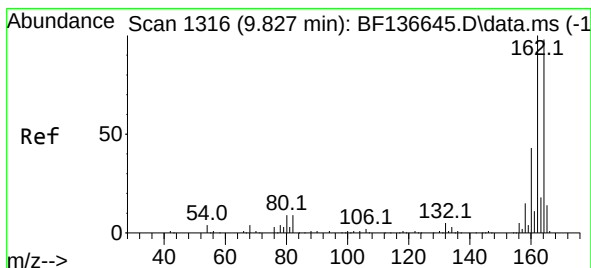
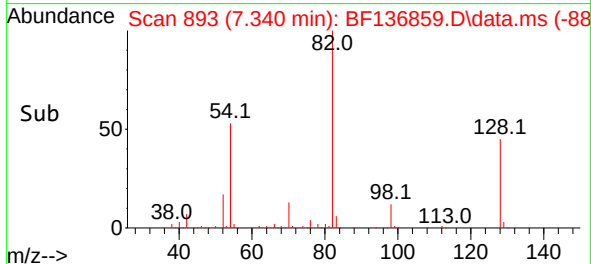
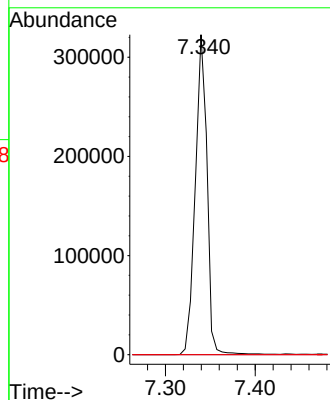
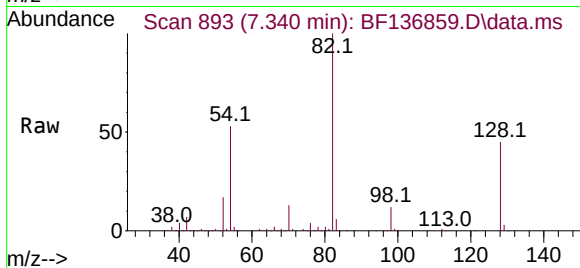




#25
Isophorone
Concen: 29.138 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

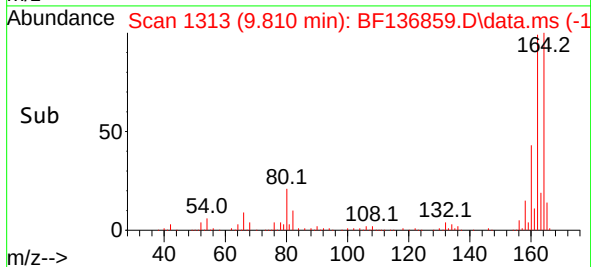
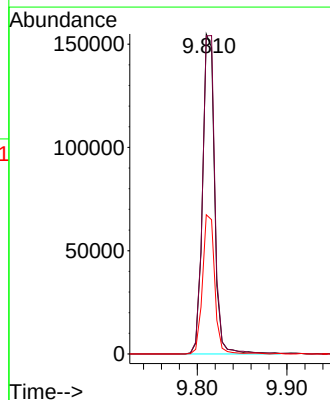
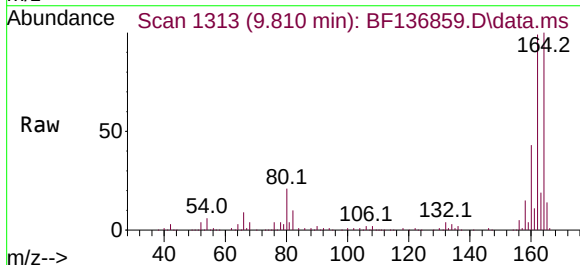
Instrument :
BNA_F
ClientSampleId :
GHL-SS-34

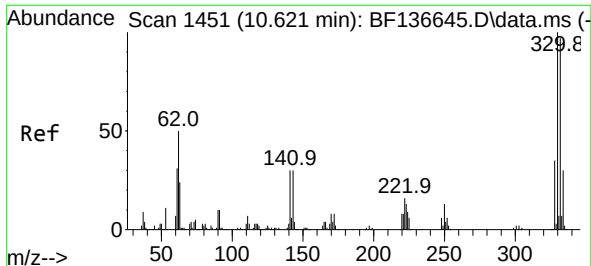
Tgt Ion: 82 Resp: 291525
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

Tgt Ion:164 Resp: 143787
Ion Ratio Lower Upper
164 100
162 99.4 81.6 122.4
160 43.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 36.643 ng

RT: 10.604 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136859.D

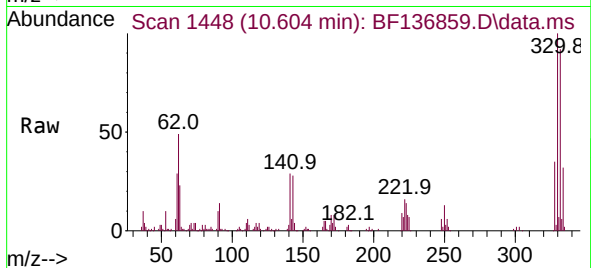
Acq: 30 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

GHL-SS-34



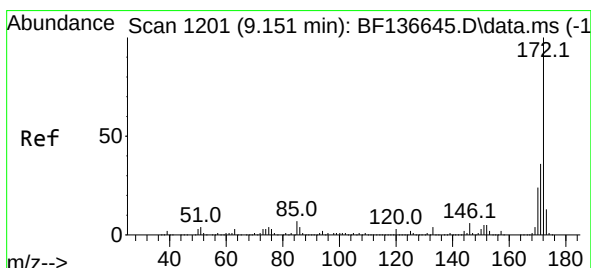
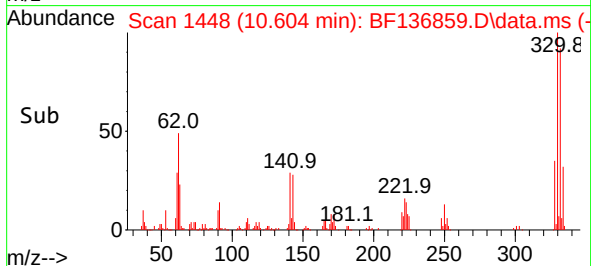
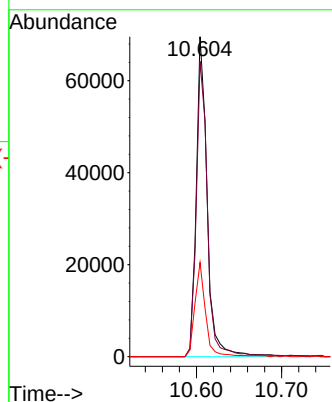
Tgt Ion:330 Resp: 62051

Ion Ratio Lower Upper

330 100

332 94.8 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 57.066 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136859.D

Acq: 30 Dec 2023 07:52

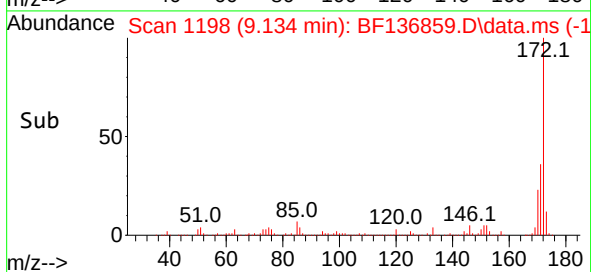
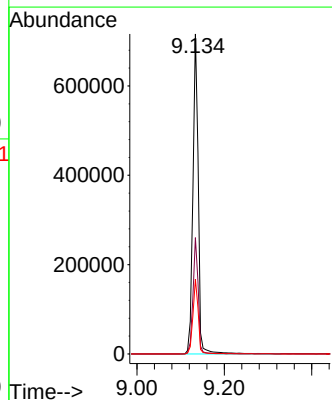
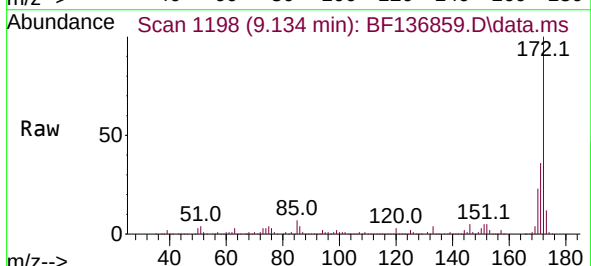
Tgt Ion:172 Resp: 610072

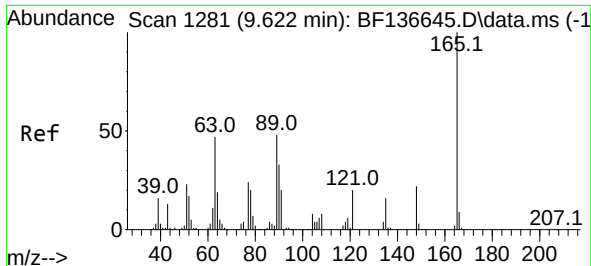
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

170 23.4 19.0 28.4

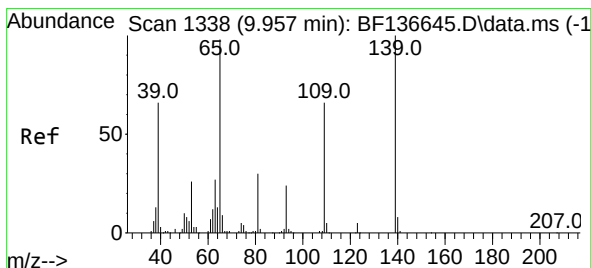
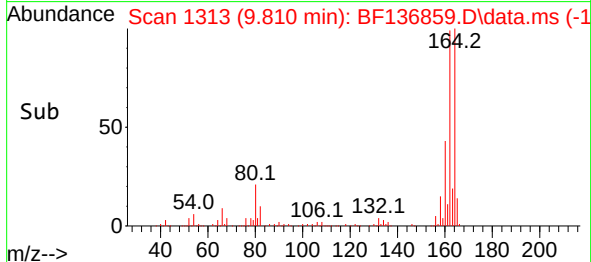
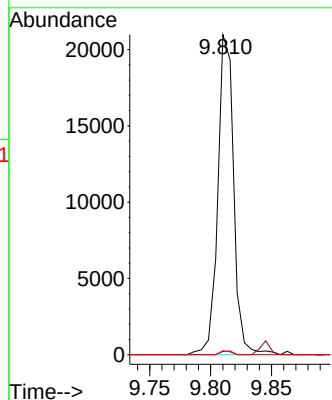
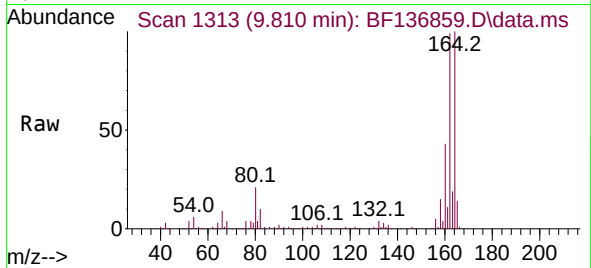




#51
2,6-Dinitrotoluene
Concen: 7.976 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

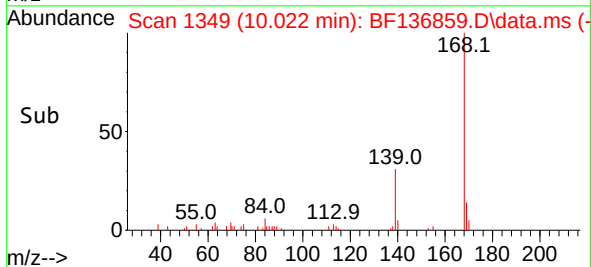
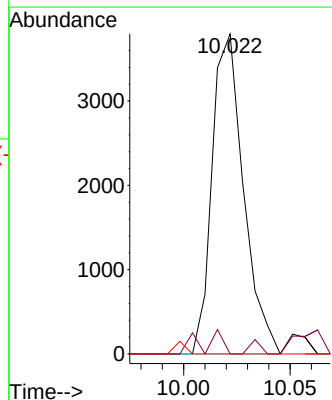
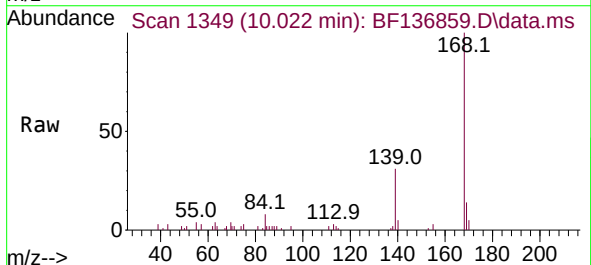
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BNA_F
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GHL-SS-34

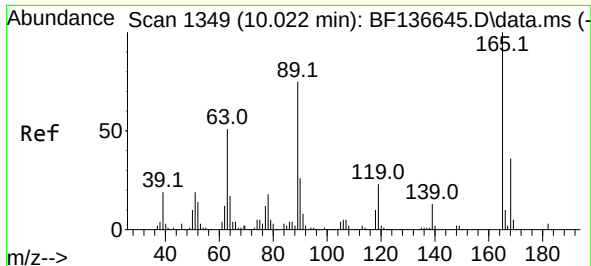
Tgt Ion:165 Resp: 19012
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 38.8 58.2#



#56
4-Nitrophenol
Concen: 2.282 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.065 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

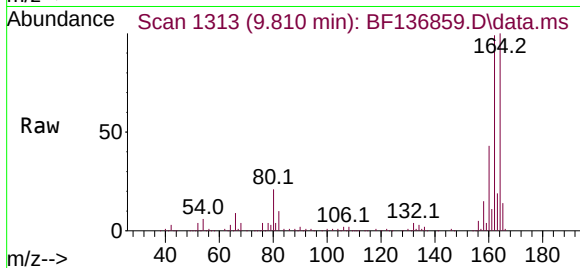
Tgt Ion:139 Resp: 3889
Ion Ratio Lower Upper
139 100
109 0.0 45.8 85.8#
65 0.0 77.8 117.8#



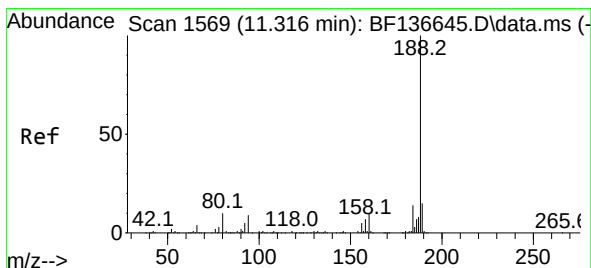
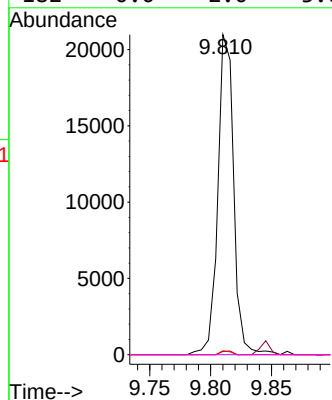
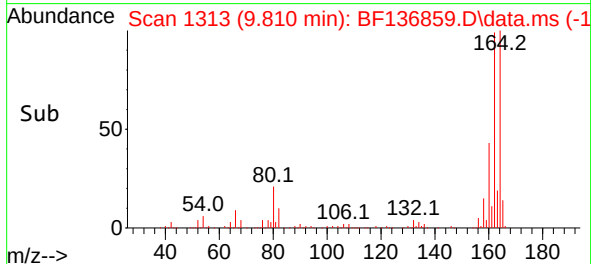


#57
2,4-Dinitrotoluene
Concen: 6.144 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

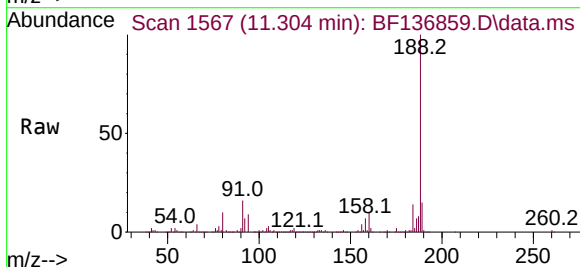
Instrument :
BNA_F
ClientSampleId :
GHL-SS-34



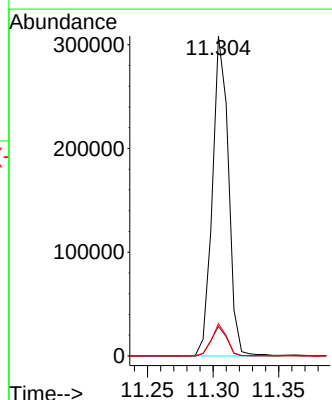
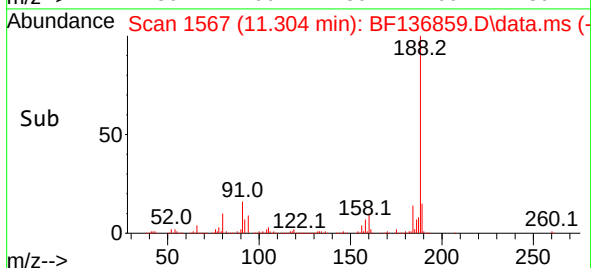
Tgt Ion:165 Resp: 19012
Ion Ratio Lower Upper
165 100
63 1.0 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#

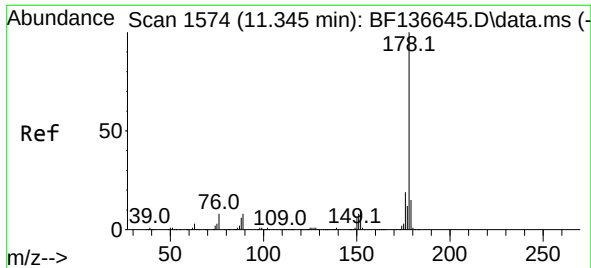


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52



Tgt Ion:188 Resp: 262370
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.1 8.1 12.1

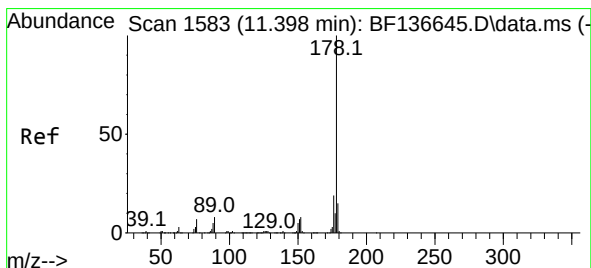
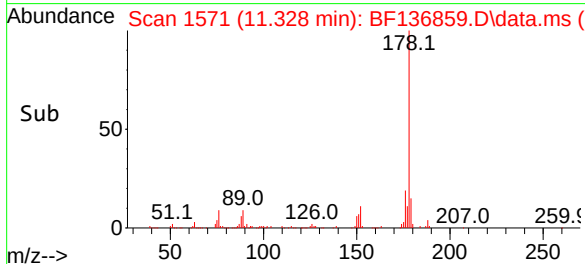
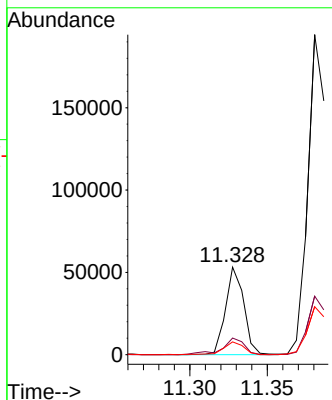
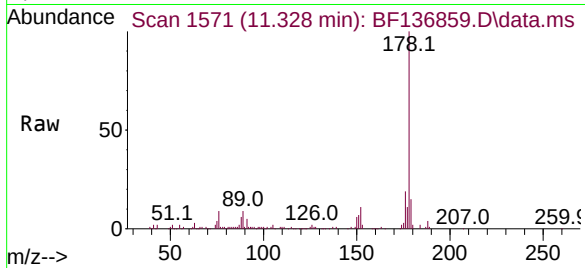




#71
Phenanthrene
Concen: 3.240 ng
RT: 11.328 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

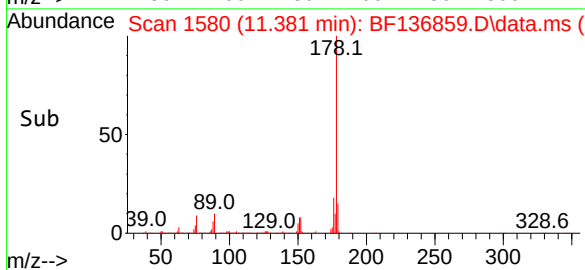
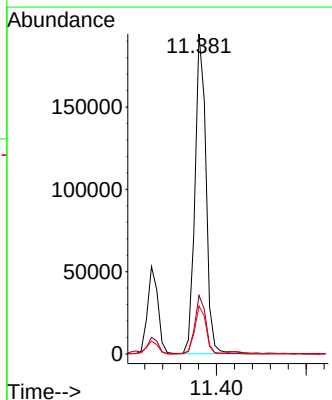
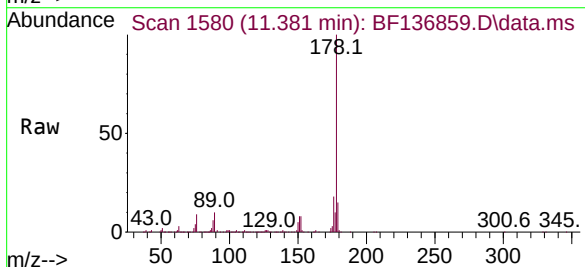
Instrument :
BNA_F
ClientSampleId :
GHL-SS-34

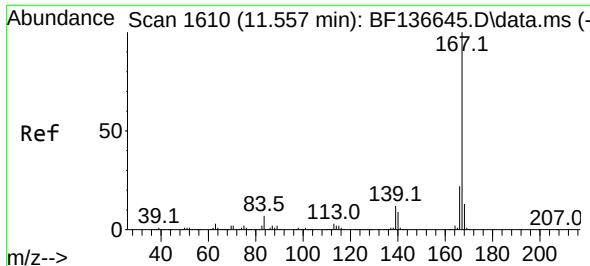
Tgt Ion:178 Resp: 43614
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 14.6 11.9 17.9



#72
Anthracene
Concen: 12.139 ng
RT: 11.381 min Scan# 1580
Delta R.T. -0.017 min
Lab File: BF136859.D
Acq: 30 Dec 2023 07:52

Tgt Ion:178 Resp: 165494
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.0 11.8 17.6

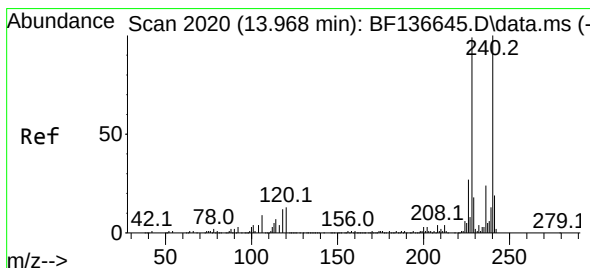
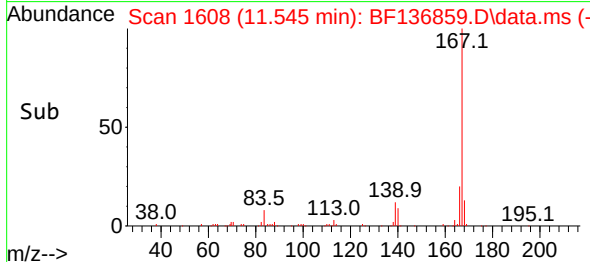
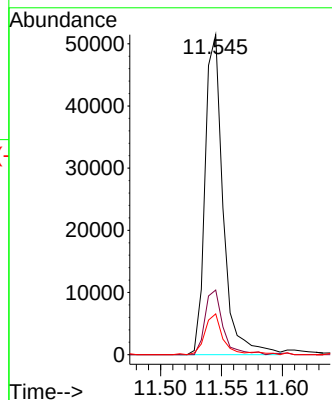
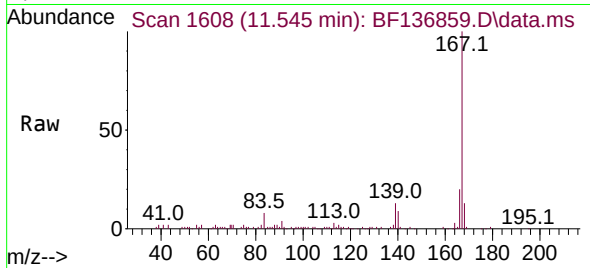




#73
 Carbazole
 Concen: 4.118 ng
 RT: 11.545 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF136859.D
 Acq: 30 Dec 2023 07:52

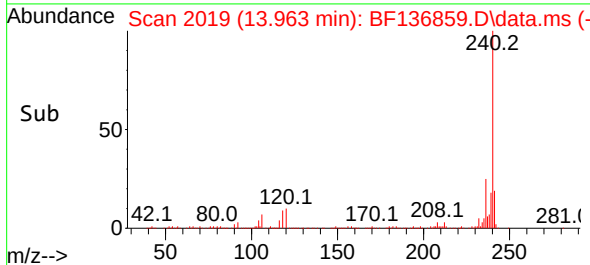
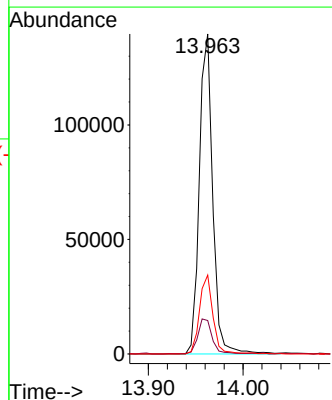
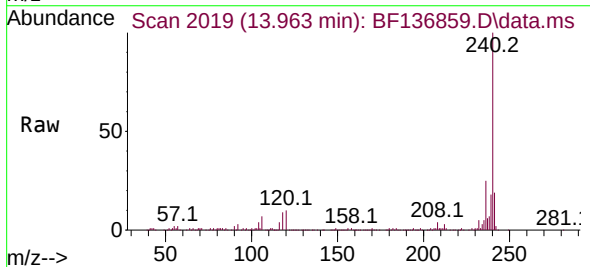
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-34

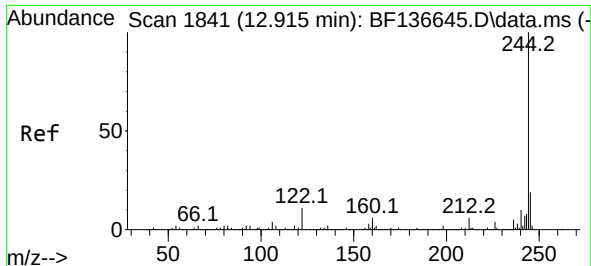
Tgt Ion:167 Resp: 52929
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.3 25.9
 139 12.8 9.8 14.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: BF136859.D
 Acq: 30 Dec 2023 07:52

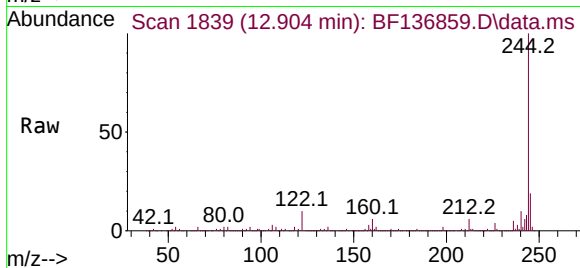
Tgt Ion:240 Resp: 137168
 Ion Ratio Lower Upper
 240 100
 120 10.4 10.3 15.5
 236 24.6 19.4 29.2



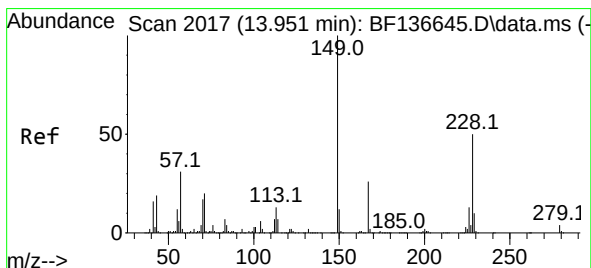
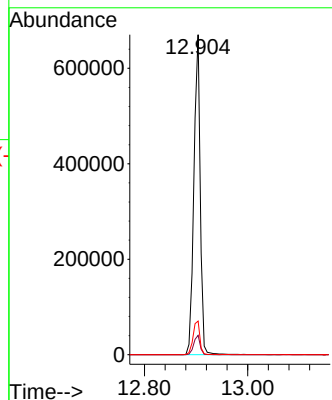
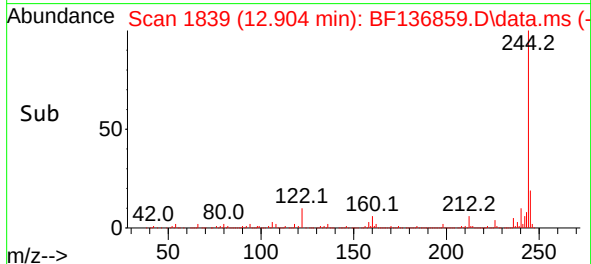


#79
 Terphenyl-d14
 Concen: 58.072 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136859.D
 Acq: 30 Dec 2023 07:52

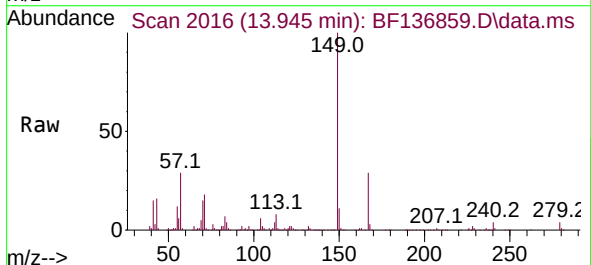
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-34



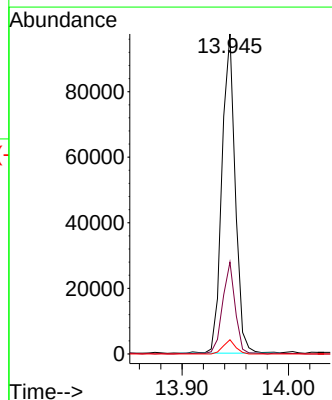
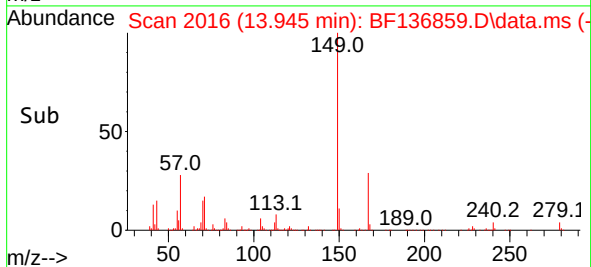
Tgt Ion:244 Resp: 570000
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 10.5 9.0 13.4

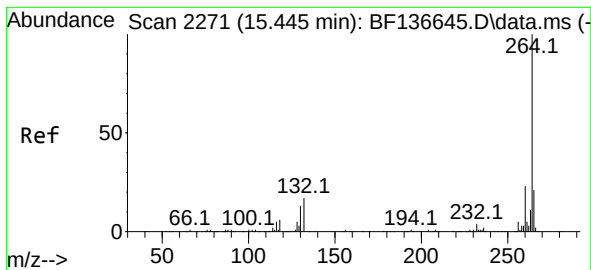


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 13.669 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF136859.D
 Acq: 30 Dec 2023 07:52



Tgt Ion:149 Resp: 84263
 Ion Ratio Lower Upper
 149 100
 167 28.7 20.9 31.3
 279 4.5 2.9 4.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136859.D

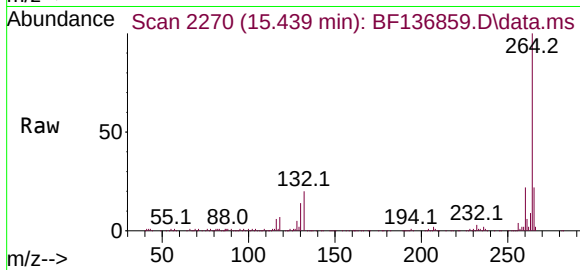
Acq: 30 Dec 2023 07:52

Instrument :

BNA_F

ClientSampleId :

GHL-SS-34



Tgt Ion:264 Resp: 147161

Ion Ratio Lower Upper

264 100

260 22.4 18.3 27.5

265 21.6 17.0 25.6

