

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136857.D
 Acq On : 30 Dec 2023 06:48
 Operator : CG\JU
 Sample : 05897-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-41

Quant Time: Jan 01 00:31:56 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)

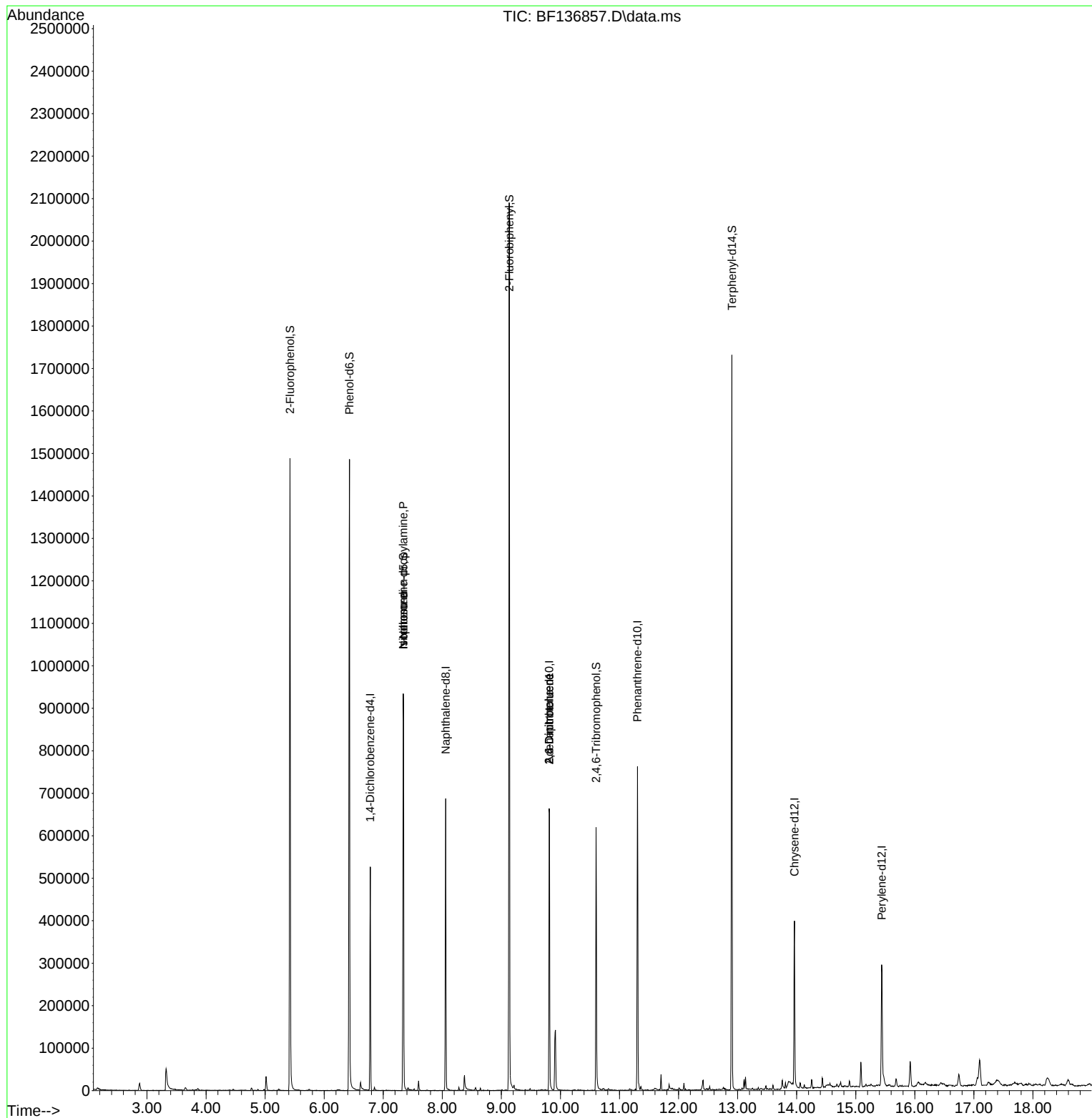
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73167	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	282546	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	143726	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	266554	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	142429	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	141933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	389119	82.980	ng	0.00
7) Phenol-d6	6.428	99	514211	84.626	ng	-0.01
23) Nitrobenzene-d5	7.339	82	319549	57.873	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	75845	44.807	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	625643	58.548	ng	-0.02
79) Terphenyl-d14	12.904	244	577626	56.675	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	40766	11.068	ng	# 77
25) Isophorone	7.339	82	319599	31.810	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	18741	7.866	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	18741	6.059	ng	# 21

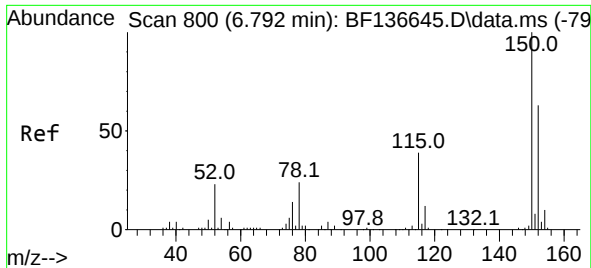
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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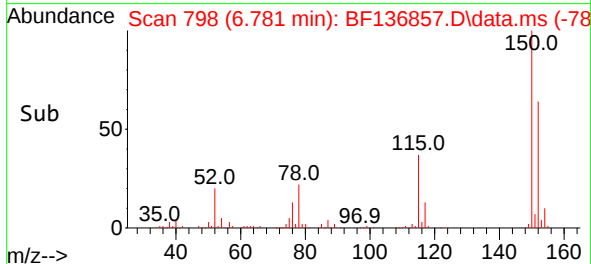
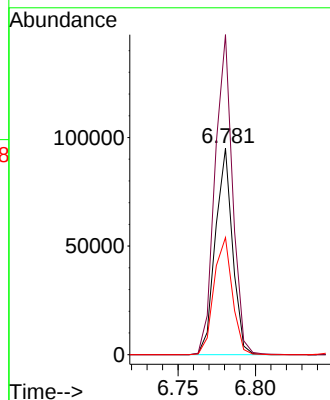
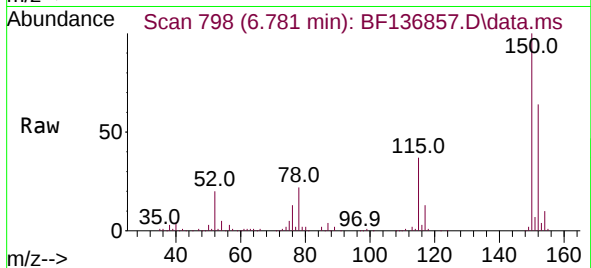




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

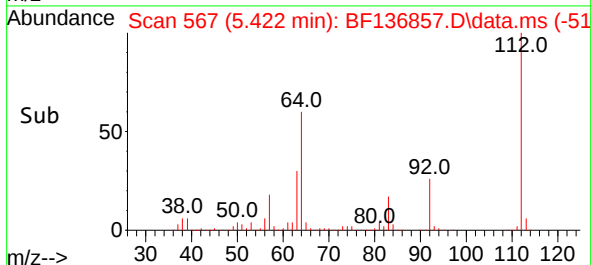
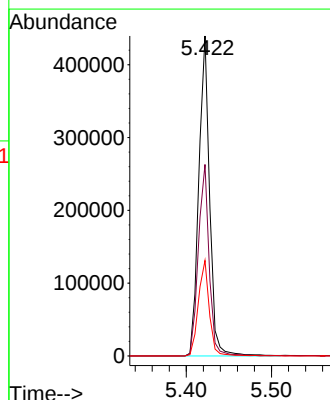
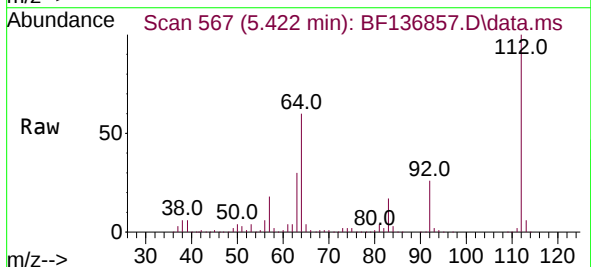
Instrument :
BNA_F
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GHL-SS-41

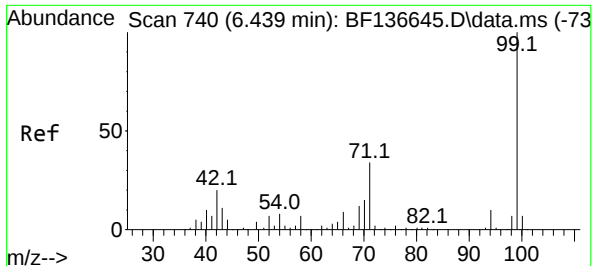
Tgt Ion:152 Resp: 73167
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 56.8 49.0 73.4



#5
2-Fluorophenol
Concen: 82.980 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion:112 Resp: 389119
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 29.9 26.1 39.1

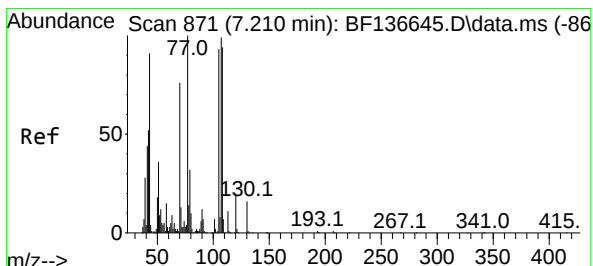
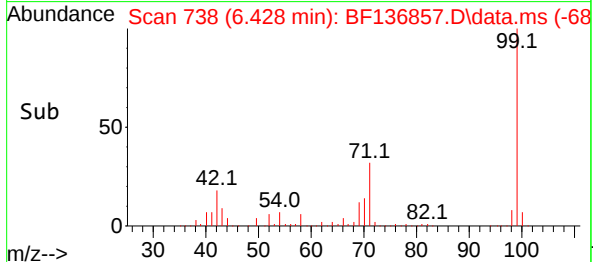
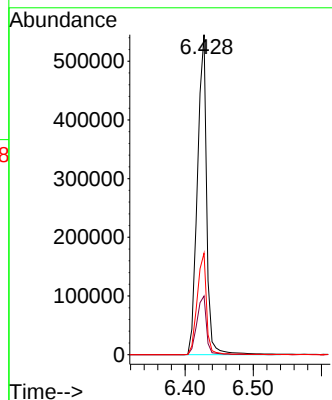
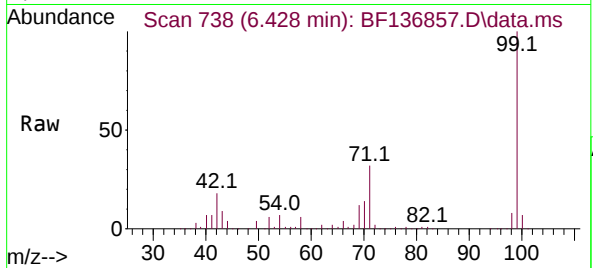




#7
Phenol-d6
Concen: 84.626 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

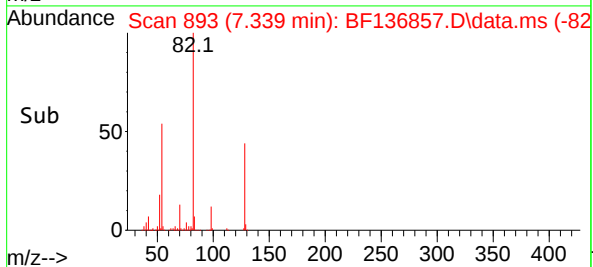
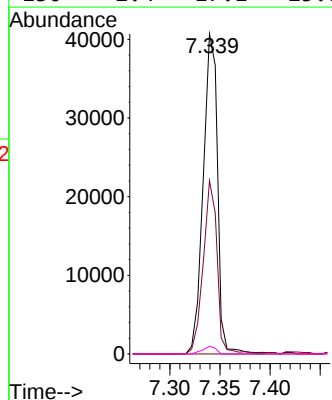
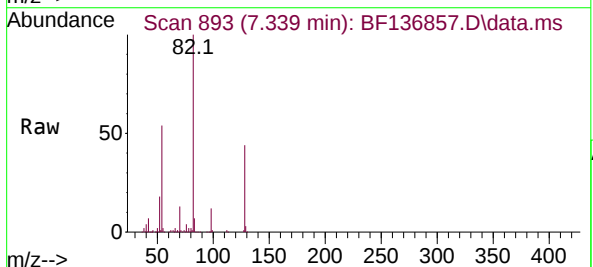
Instrument :
BNA_F
ClientSampleId :
GHL-SS-41

Tgt Ion: 99 Resp: 514211
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 31.7 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.068 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion: 70 Resp: 40766
Ion Ratio Lower Upper
70 100
42 54.1 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#



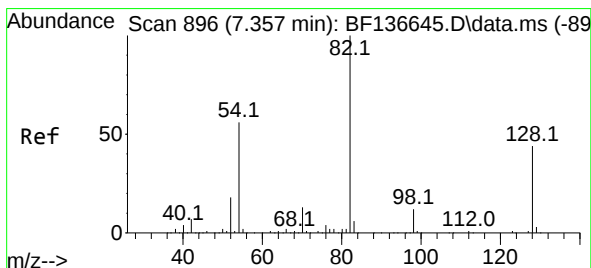
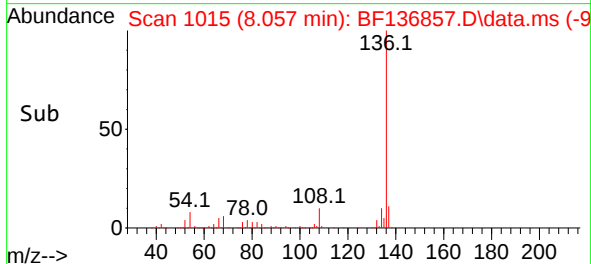
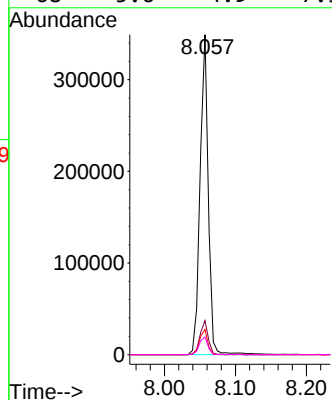
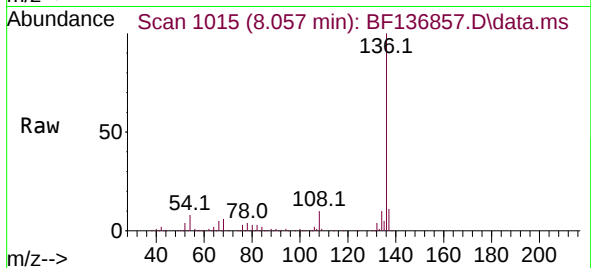


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Instrument :
BNA_F
ClientSampleId :
GHL-SS-41

Tgt Ion:136 Resp: 282546

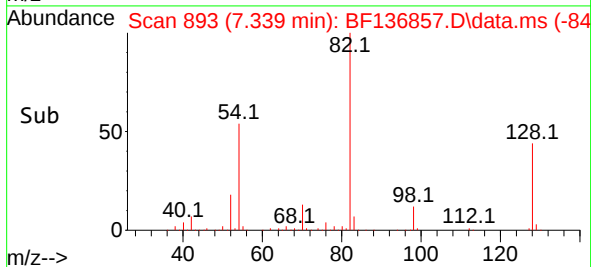
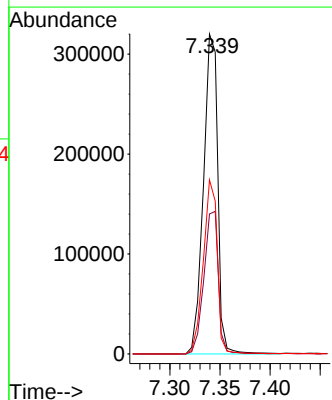
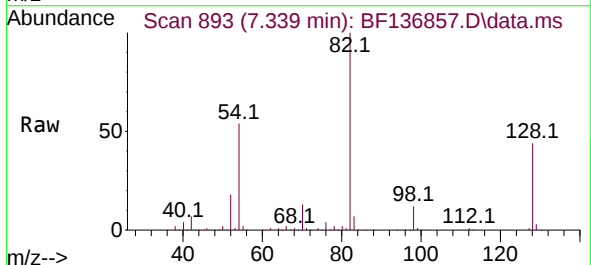
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	7.9	7.2	10.8
68	5.6	4.9	7.3



#23
Nitrobenzene-d5
Concen: 57.873 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion: 82 Resp: 319549

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.3	52.9
54	54.4	44.5	66.7

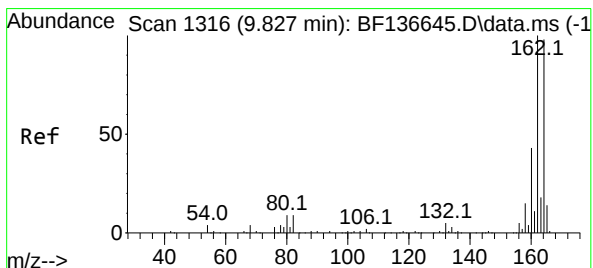
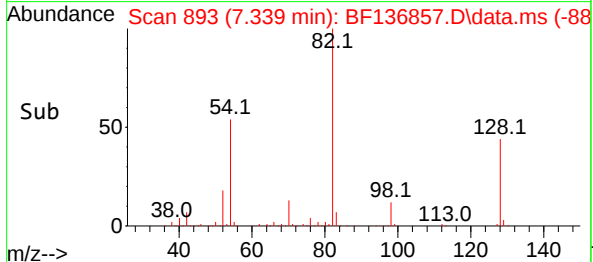
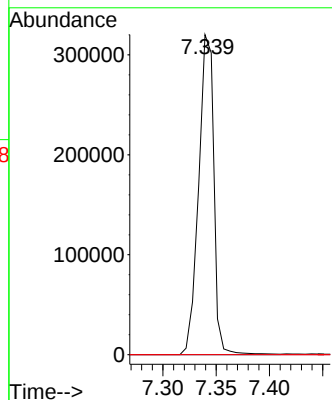
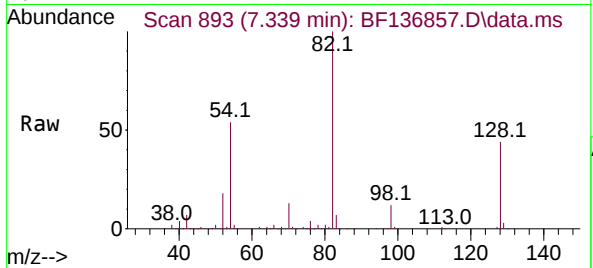




#25
Isophorone
Concen: 31.810 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

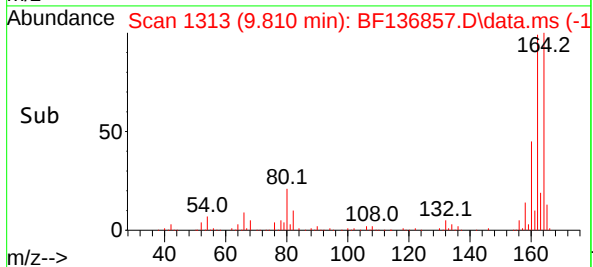
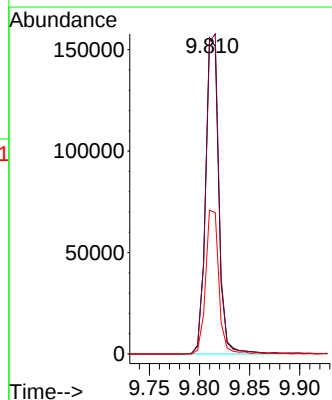
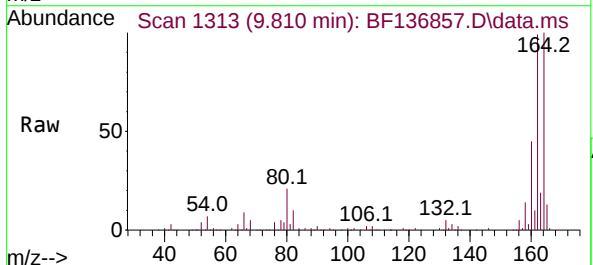
Instrument :
BNA_F
ClientSampleId :
GHL-SS-41

Tgt Ion: 82 Resp: 319599
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: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion: 164 Resp: 143726
Ion Ratio Lower Upper
164 100
162 98.6 81.6 122.4
160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 44.807 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136857.D

Acq: 30 Dec 2023 06:48

Instrument :

BNA_F

ClientSampleId :

GHL-SS-41

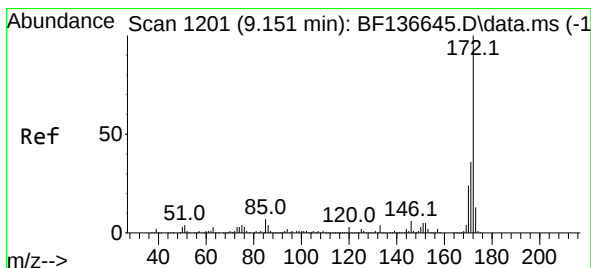
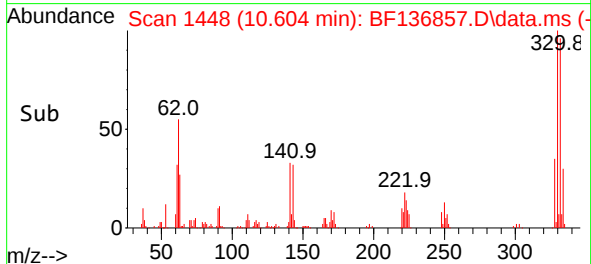
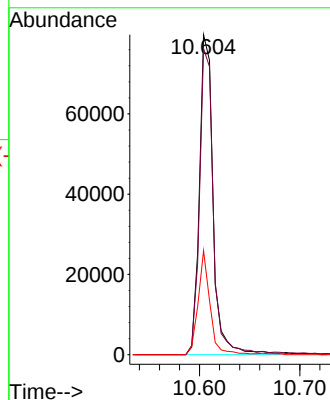
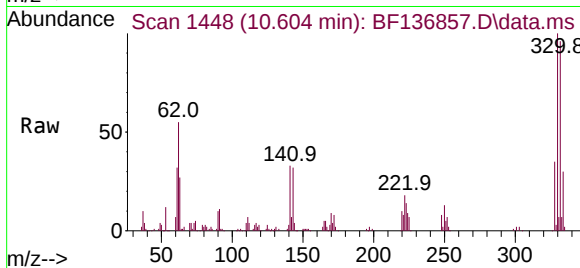
Tgt Ion:330 Resp: 75845

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 58.548 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136857.D

Acq: 30 Dec 2023 06:48

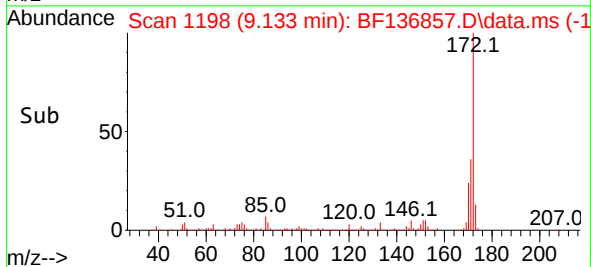
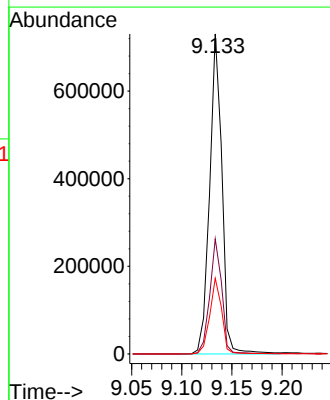
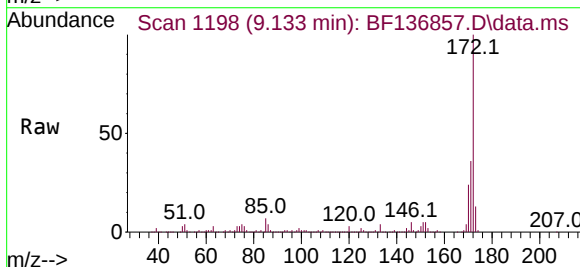
Tgt Ion:172 Resp: 625643

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.7 19.0 28.4

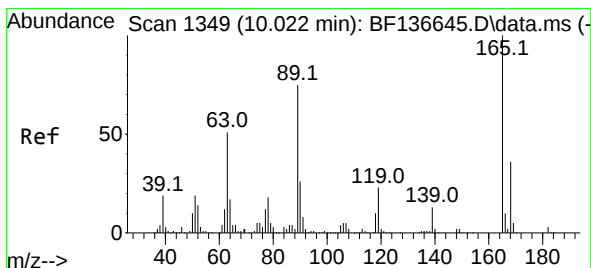
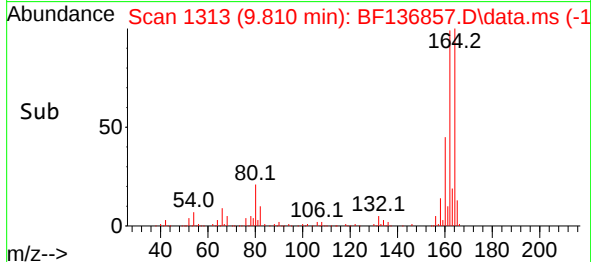
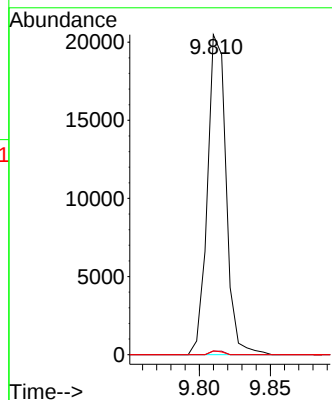
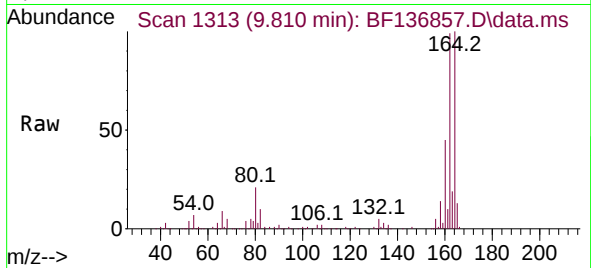




#51
2,6-Dinitrotoluene
Concen: 7.866 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

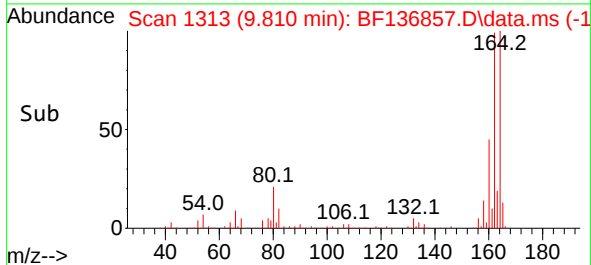
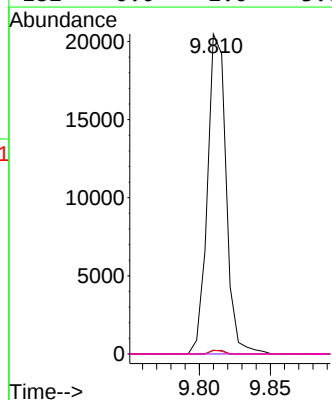
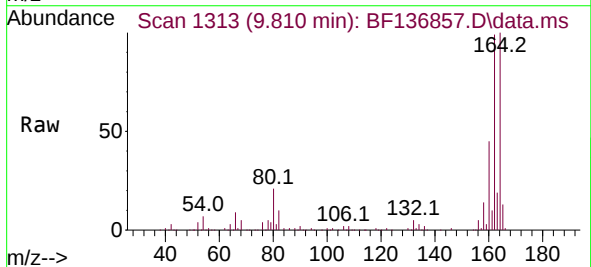
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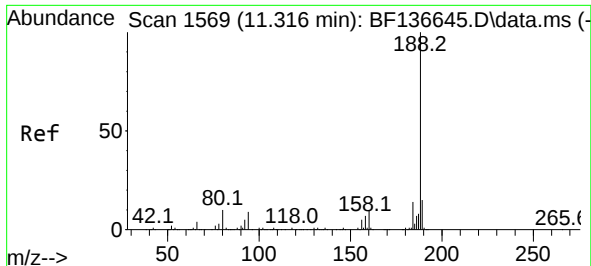
Tgt Ion:165 Resp: 18741
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.2 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.059 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion:165 Resp: 18741
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#

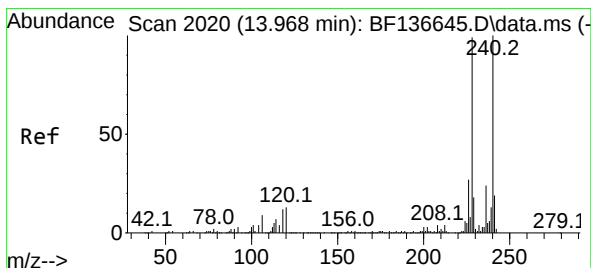
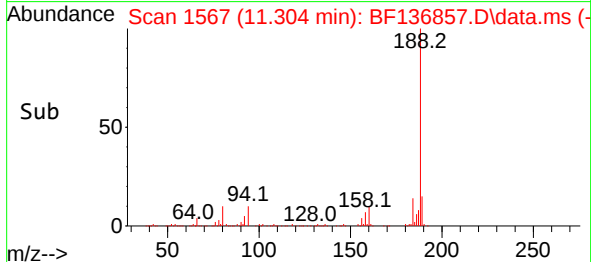
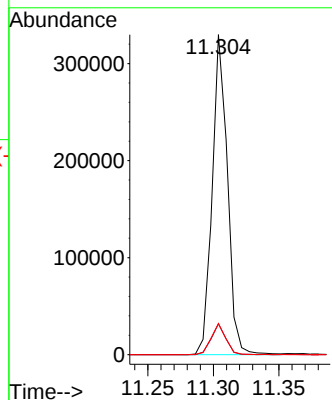
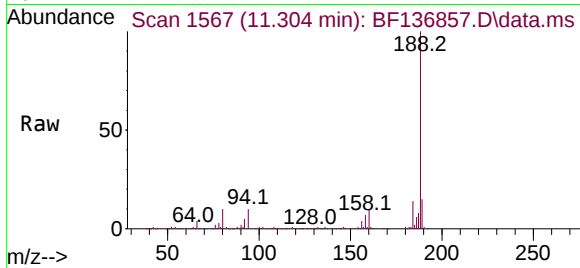




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

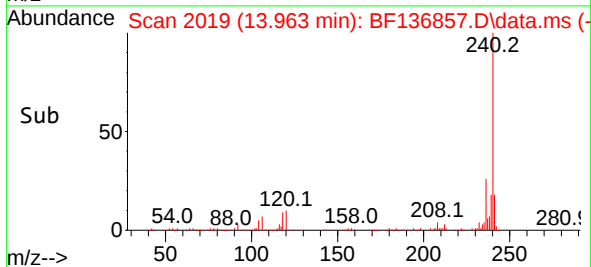
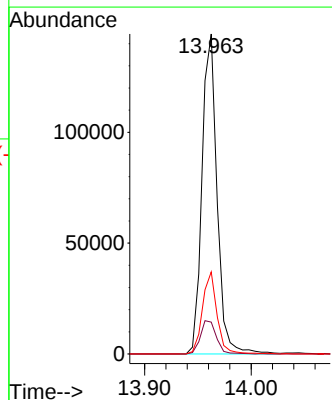
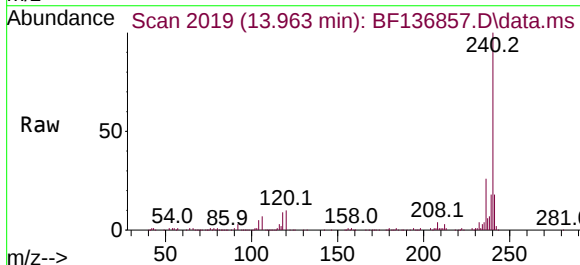
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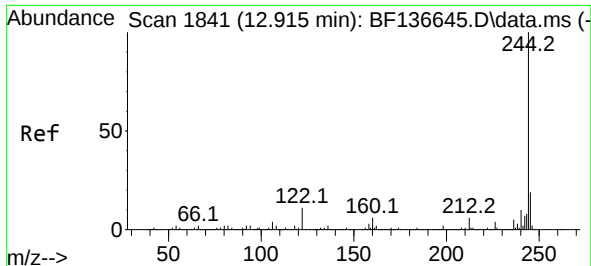
Tgt Ion:188 Resp: 266554
Ion Ratio Lower Upper
188 100
94 9.6 7.5 11.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

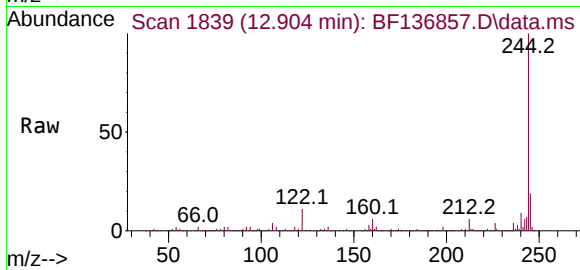
Tgt Ion:240 Resp: 142429
Ion Ratio Lower Upper
240 100
120 9.9 10.3 15.5#
236 25.6 19.4 29.2



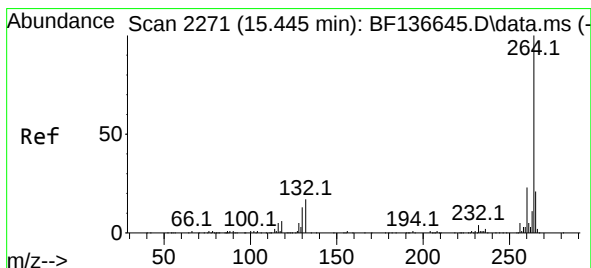
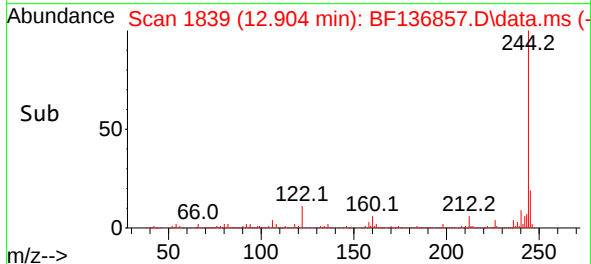
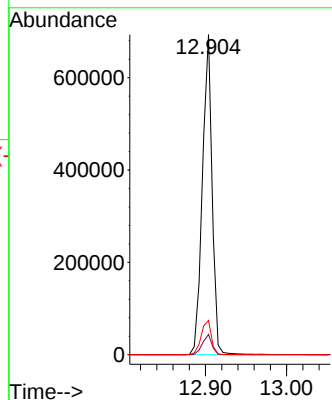


#79
Terphenyl-d14
Concen: 56.675 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Instrument :
BNA_F
ClientSampleId :
GHL-SS-41



Tgt Ion:244 Resp: 577626
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.7 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: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion:264 Resp: 141933
Ion Ratio Lower Upper
264 100
260 22.8 18.3 27.5
265 22.4 17.0 25.6

