

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136858.D
 Acq On : 30 Dec 2023 07:20
 Operator : CG\JU
 Sample : 05897-08
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-33

Quant Time: Jan 01 00:32:13 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)

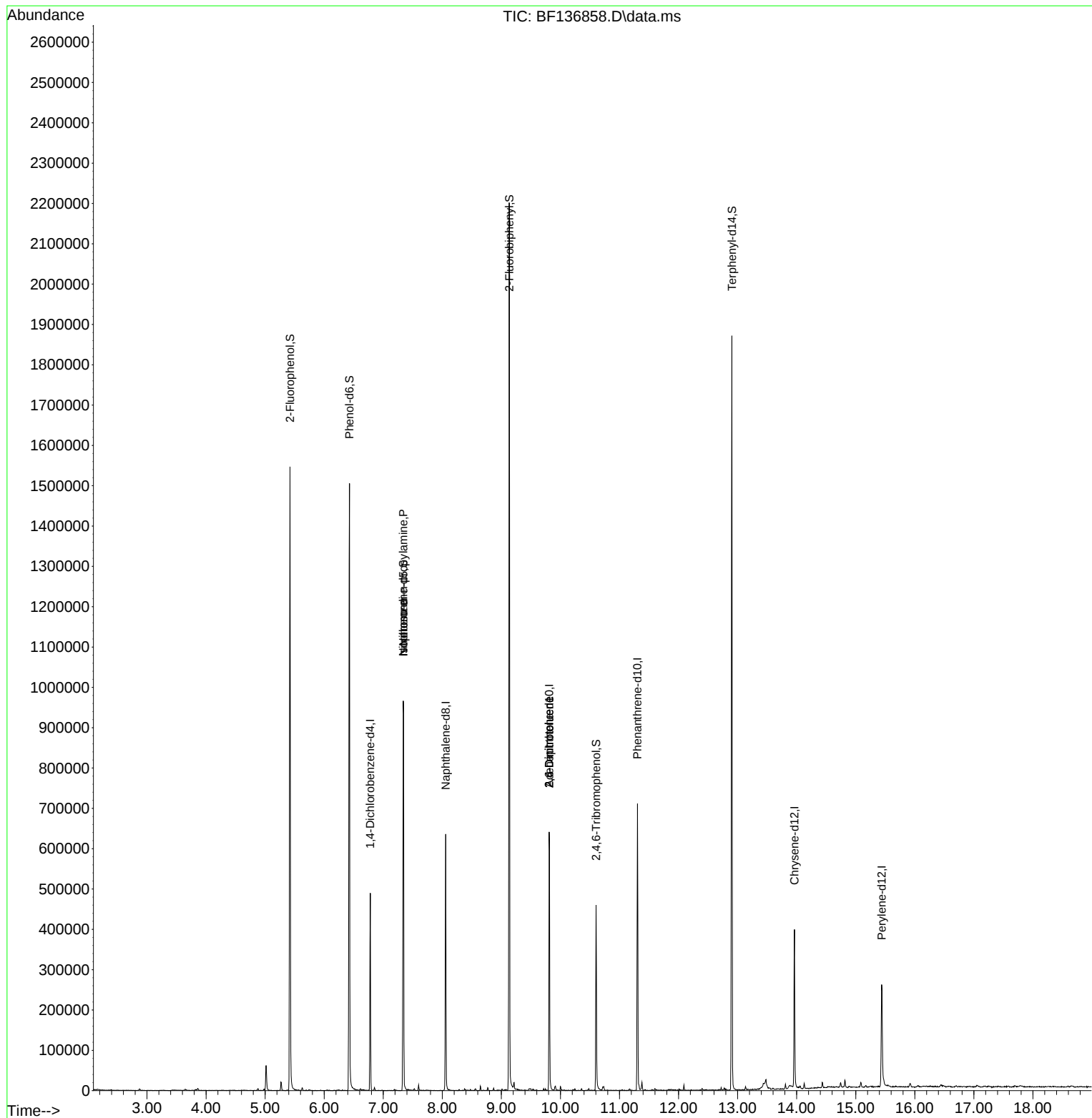
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	69010	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267868	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	137582	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	252563	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	138571	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	137667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	405266	91.629	ng	0.00
7) Phenol-d6	6.428	99	530175	92.510	ng	-0.01
23) Nitrobenzene-d5	7.339	82	331268	63.282	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	59273	36.581	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	683705	66.838	ng	-0.02
79) Terphenyl-d14	12.904	244	665246	67.089	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	43607	12.552	ng	# 74
25) Isophorone	7.339	82	331261	34.777	ng	# 65
51) 2,6-Dinitrotoluene	9.810	165	17766	7.790	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	17766	6.000	ng	# 21

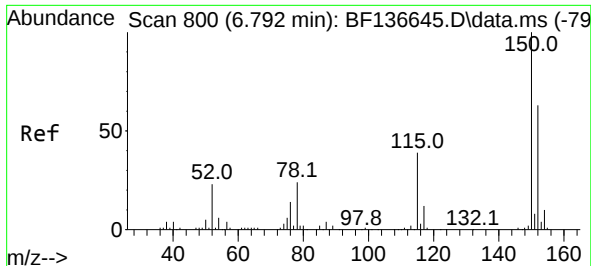
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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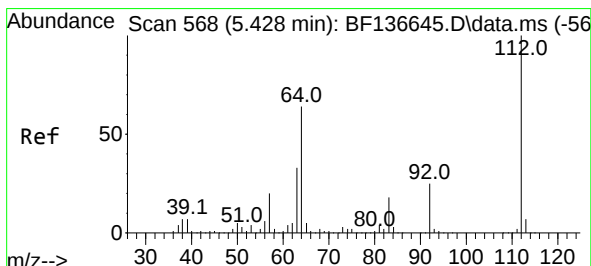
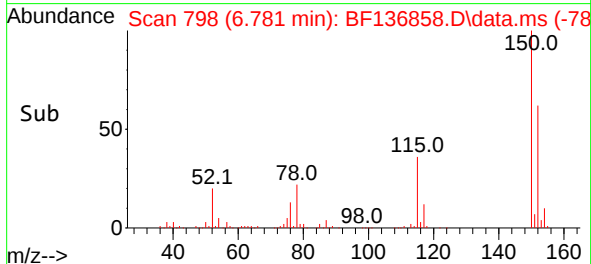
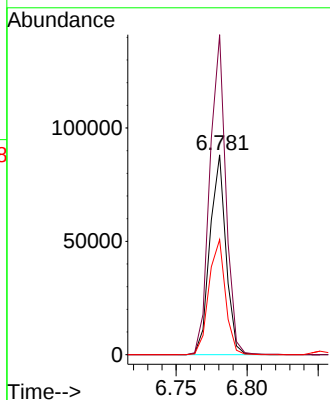
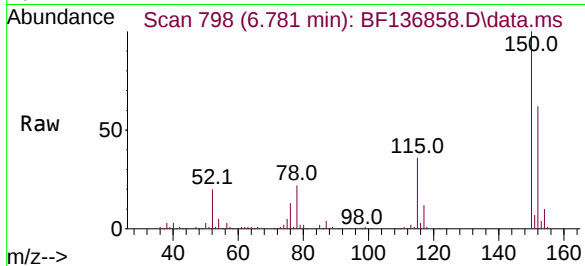




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

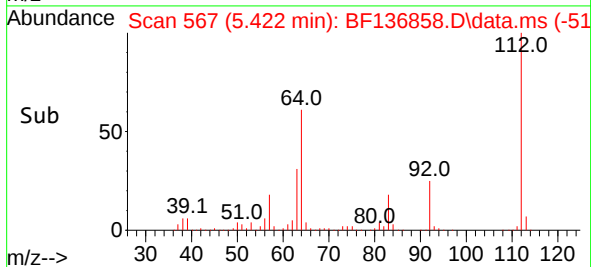
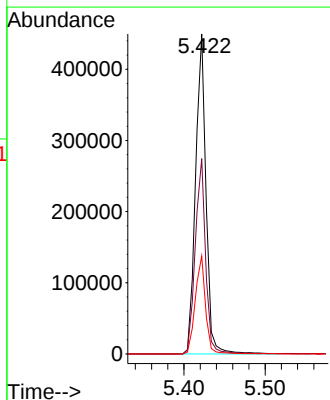
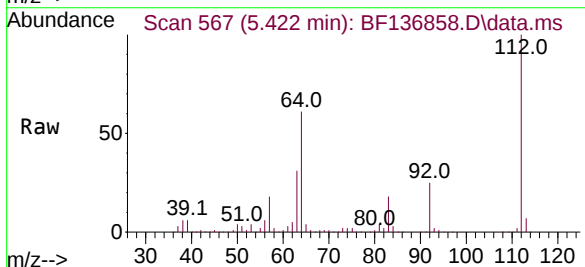
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

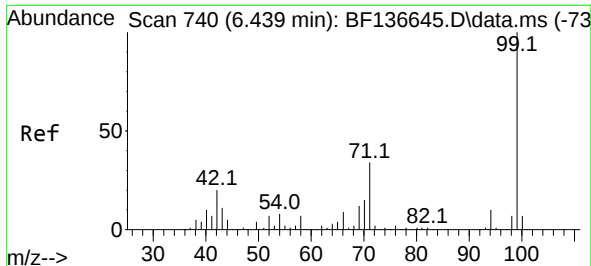
Tgt Ion:152 Resp: 69010
Ion Ratio Lower Upper
152 100
150 160.1 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 91.629 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

Tgt Ion:112 Resp: 405266
Ion Ratio Lower Upper
112 100
64 61.0 51.1 76.7
63 30.7 26.1 39.1

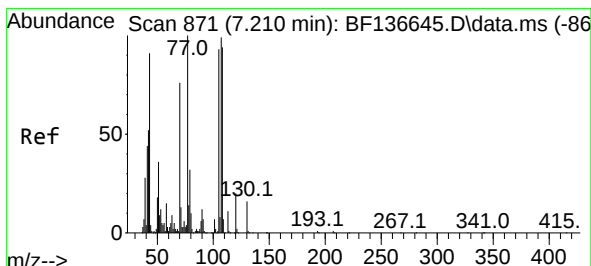
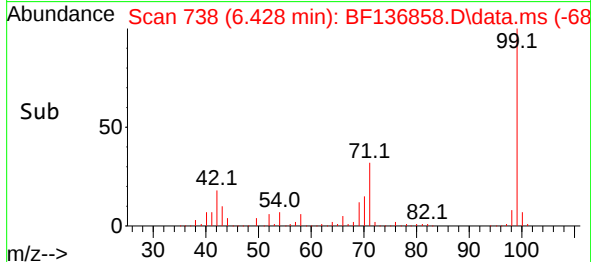
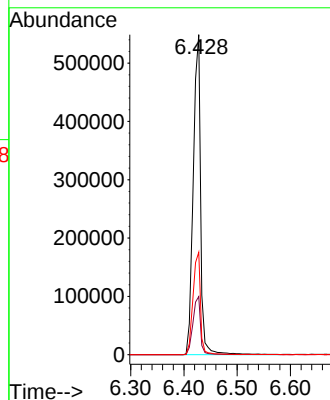
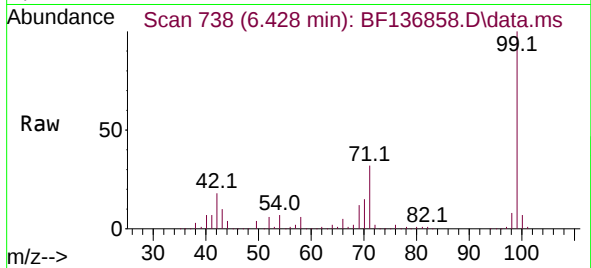




#7
Phenol-d6
Concen: 92.510 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

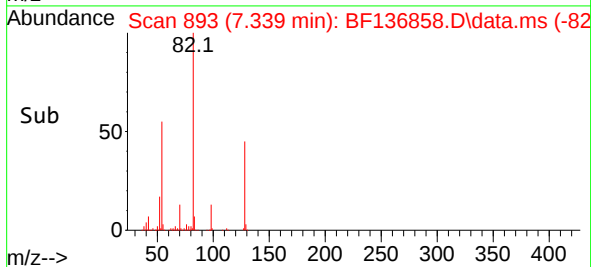
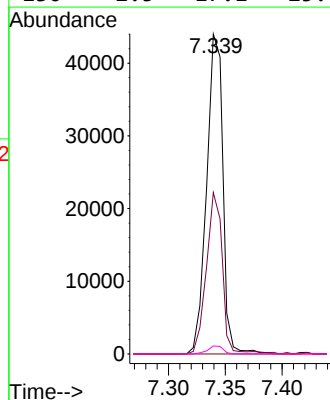
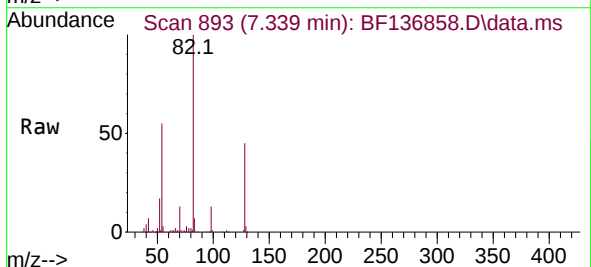
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

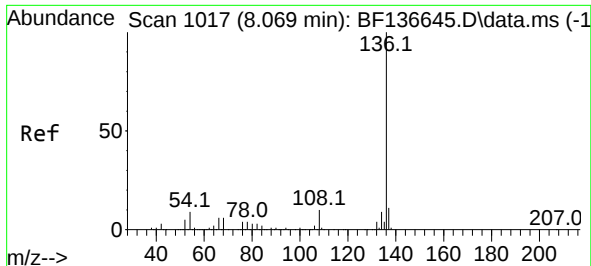
Tgt Ion: 99 Resp: 530175
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 32.0 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.552 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

Tgt Ion: 70 Resp: 43607
Ion Ratio Lower Upper
70 100
42 50.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#

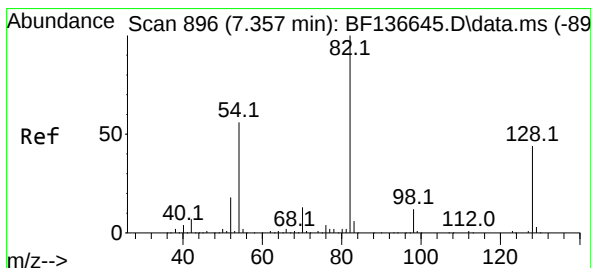
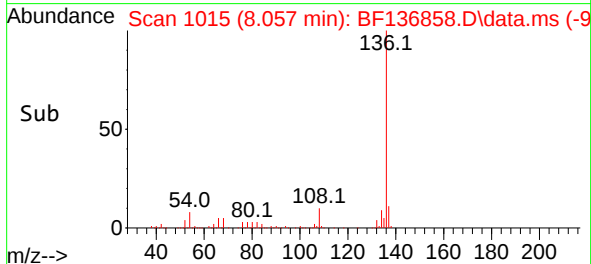
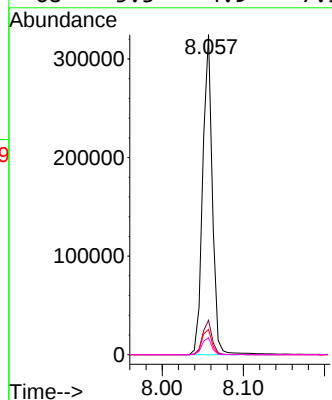
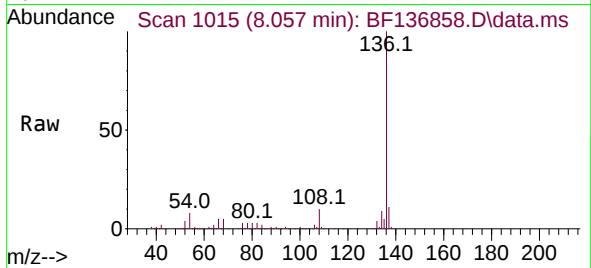




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

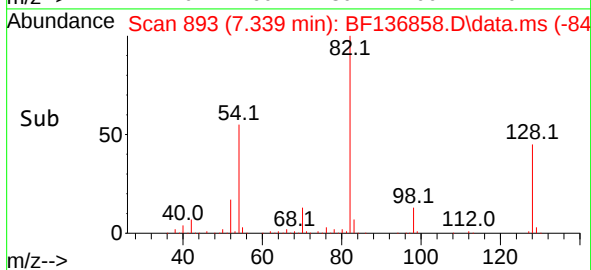
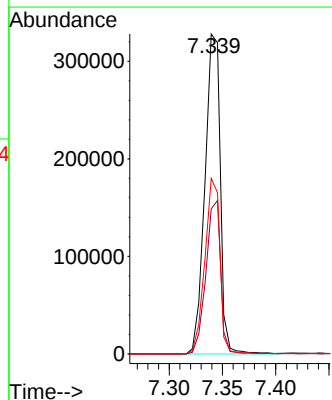
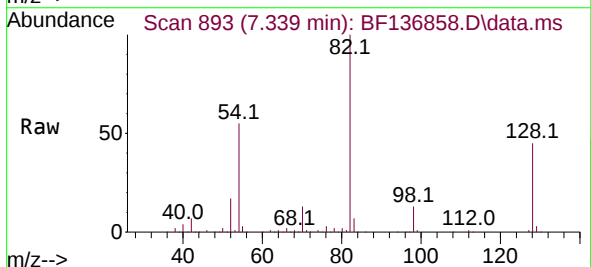
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

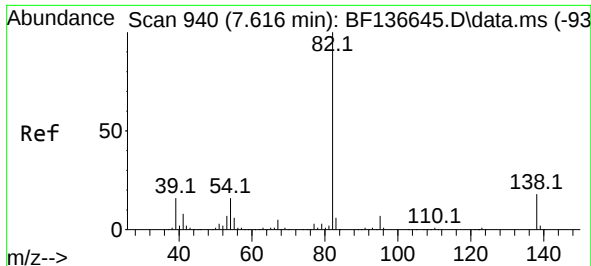
Tgt Ion:136 Resp: 267868
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.9 7.2 10.8
68 5.3 4.9 7.3



#23
Nitrobenzene-d5
Concen: 63.282 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

Tgt Ion: 82 Resp: 331268
Ion Ratio Lower Upper
82 100
128 45.3 35.3 52.9
54 54.8 44.5 66.7

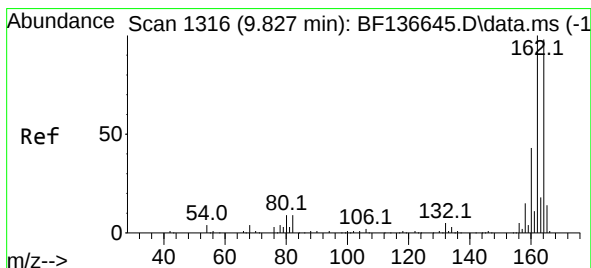
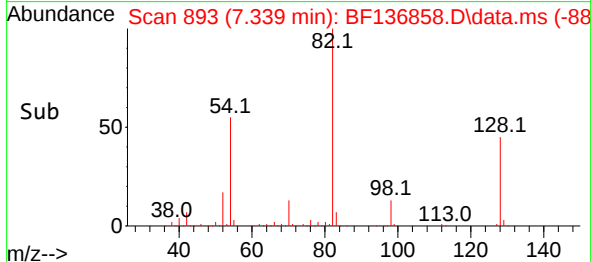
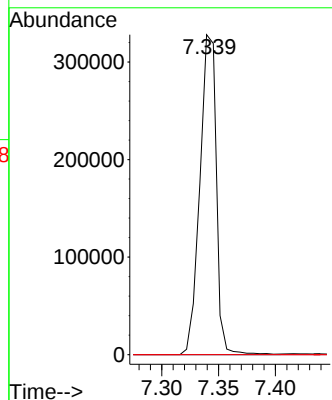
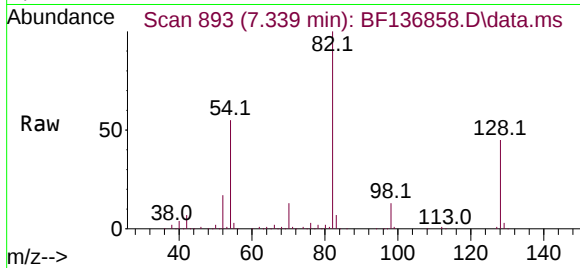




#25
Isophorone
Concen: 34.777 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

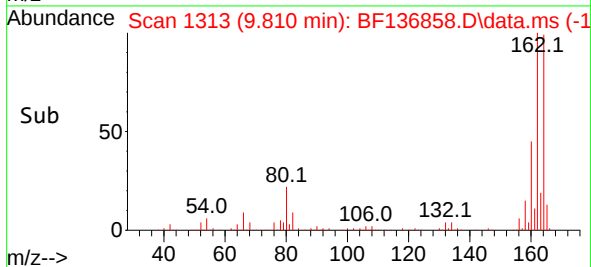
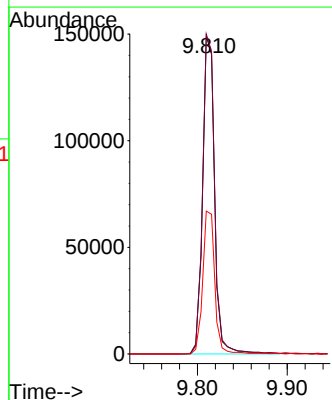
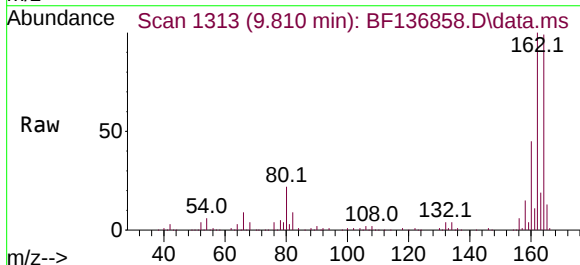
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

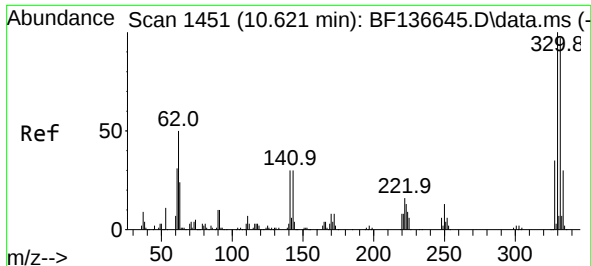
Tgt Ion: 82 Resp: 331261
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

Tgt Ion:164 Resp: 137582
Ion Ratio Lower Upper
164 100
162 100.6 81.6 122.4
160 45.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 36.581 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136858.D

Acq: 30 Dec 2023 07:20

Instrument :

BNA_F

ClientSampleId :

GHL-SS-33

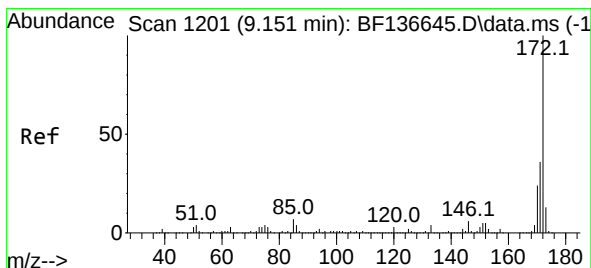
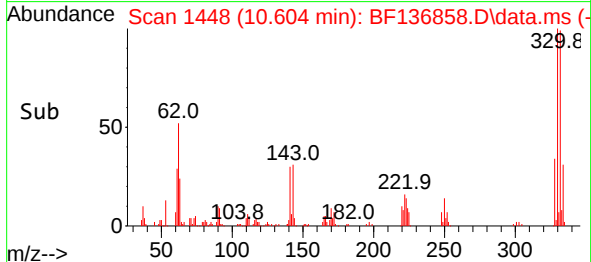
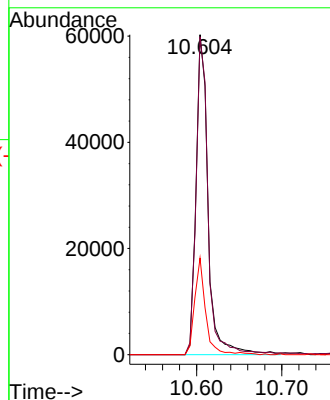
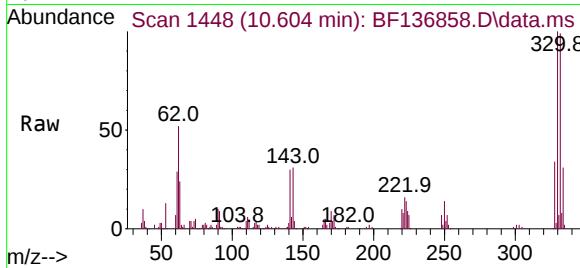
Tgt Ion:330 Resp: 59273

Ion Ratio Lower Upper

330 100

332 99.7 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.838 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136858.D

Acq: 30 Dec 2023 07:20

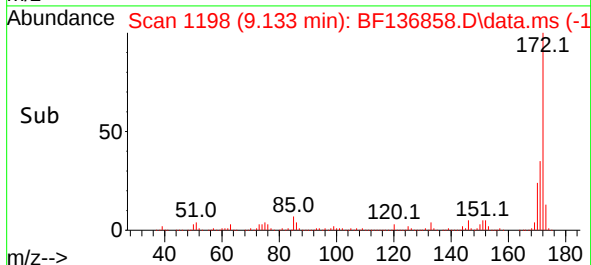
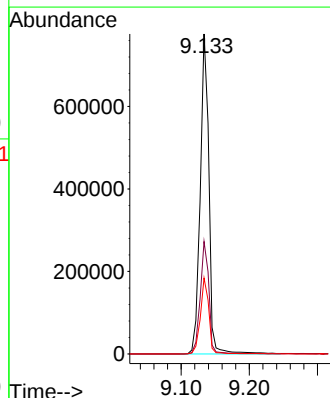
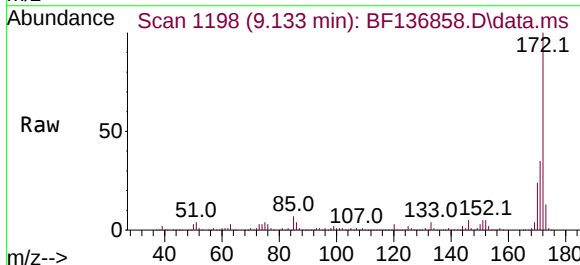
Tgt Ion:172 Resp: 683705

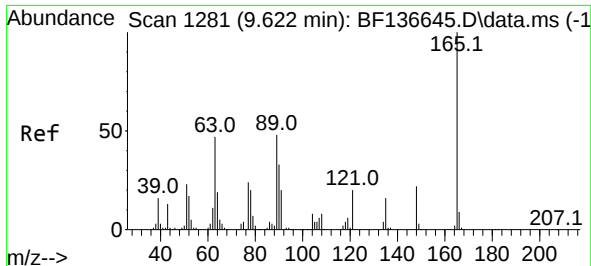
Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 23.7 19.0 28.4

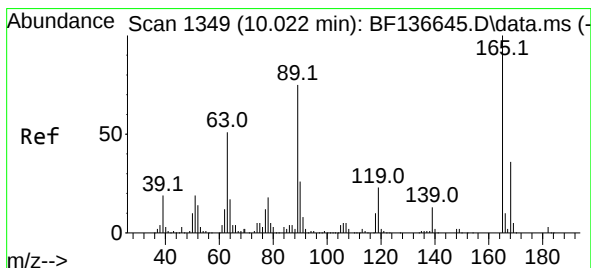
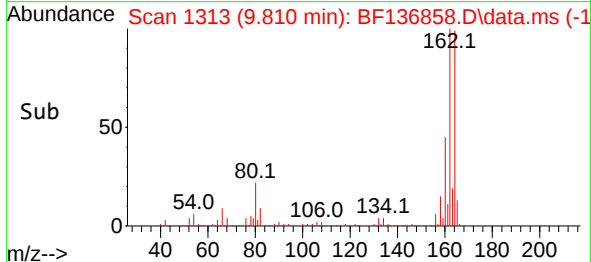
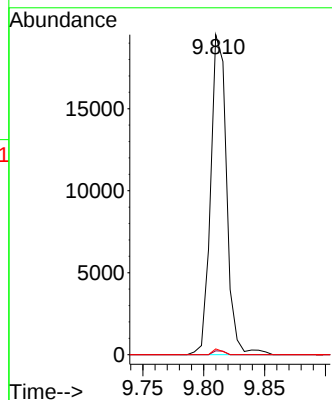
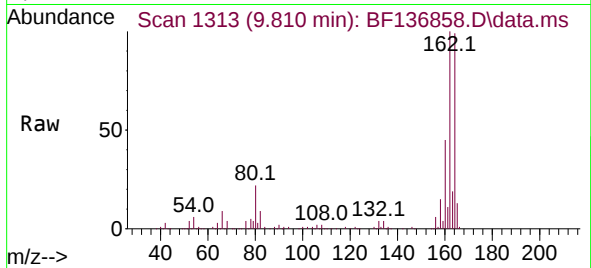




#51
2,6-Dinitrotoluene
Concen: 7.790 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

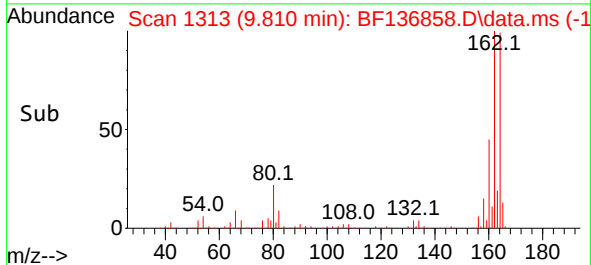
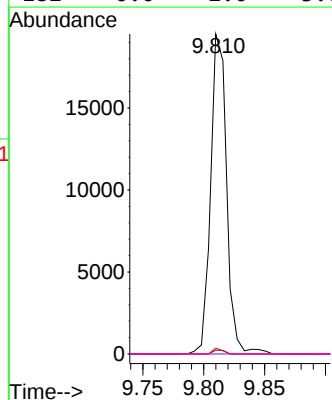
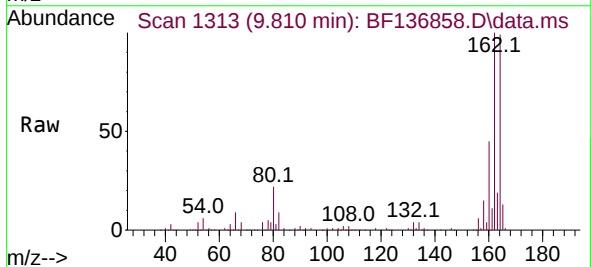
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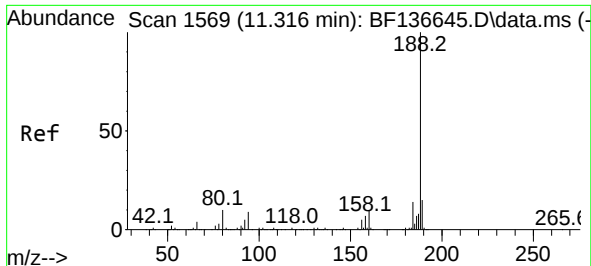
Tgt Ion:165 Resp: 17766
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.8 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 6.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.212 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

Tgt Ion:165 Resp: 17766
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.8 59.9 89.9#
182 0.0 2.0 3.0#

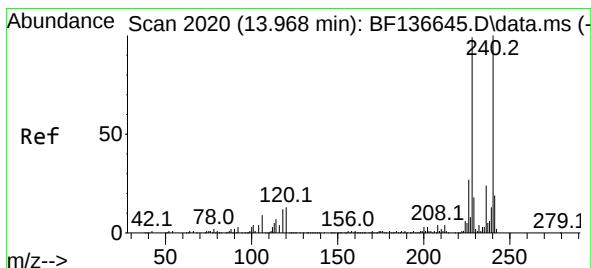
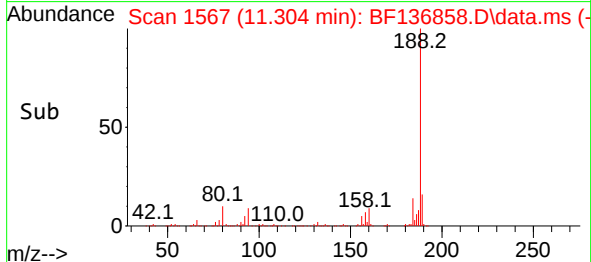
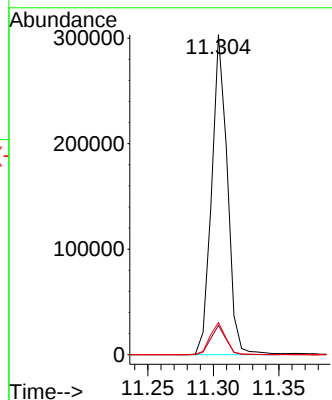
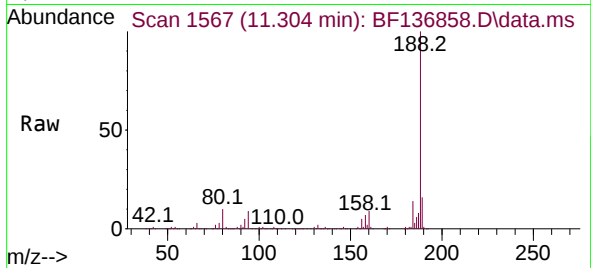




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

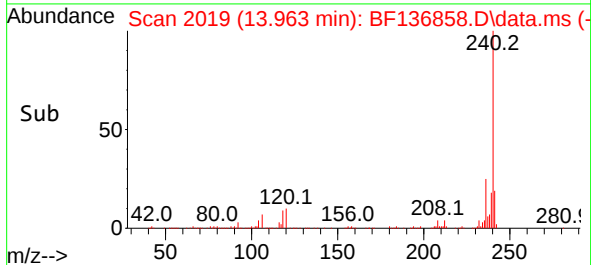
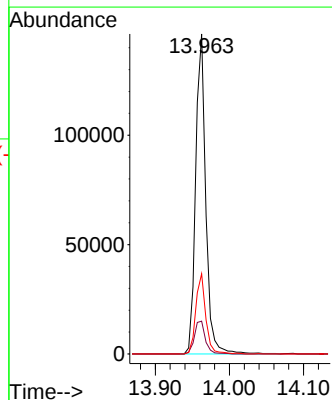
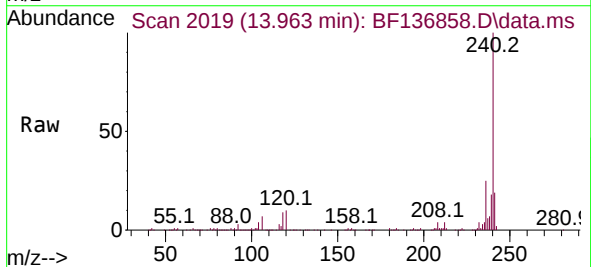
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

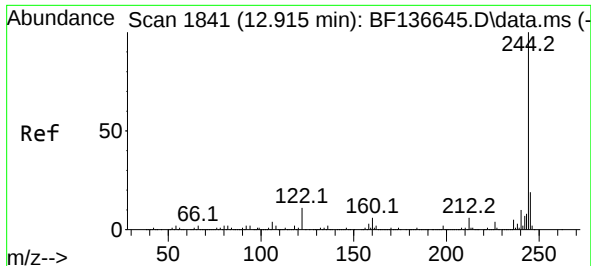
Tgt Ion:188 Resp: 252563
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.0 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136858.D
Acq: 30 Dec 2023 07:20

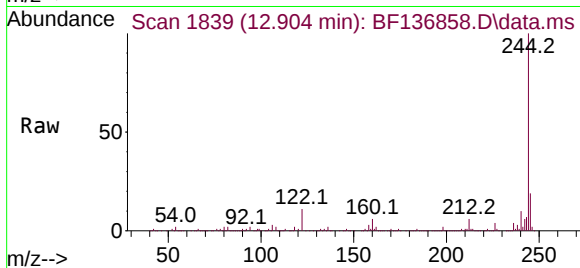
Tgt Ion:240 Resp: 138571
Ion Ratio Lower Upper
240 100
120 10.2 10.3 15.5#
236 25.0 19.4 29.2



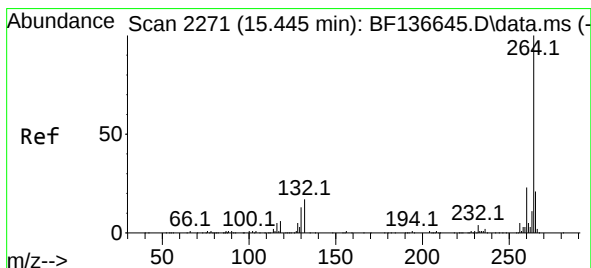
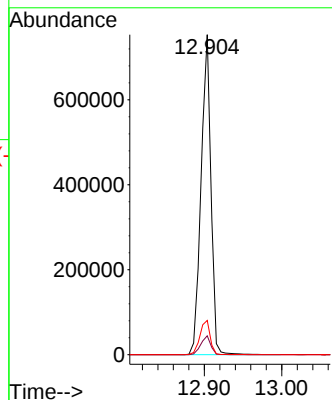
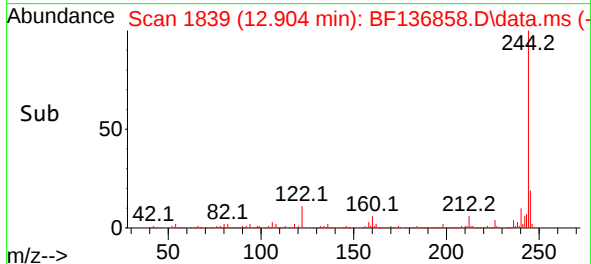


#79
 Terphenyl-d14
 Concen: 67.089 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136858.D
 Acq: 30 Dec 2023 07:20

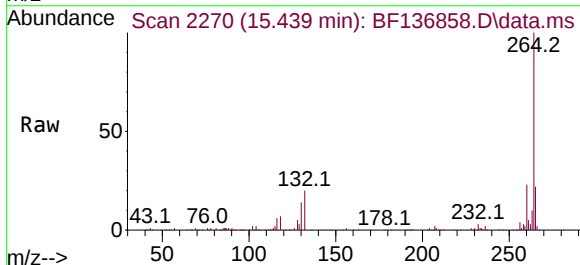
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-33



Tgt Ion:244 Resp: 665246
 Ion Ratio Lower Upper
 244 100
 212 5.9 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: BF136858.D
 Acq: 30 Dec 2023 07:20



Tgt Ion:264 Resp: 137667
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.3 27.5
 265 21.8 17.0 25.6

