

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136831.D
 Acq On : 29 Dec 2023 16:11
 Operator : CG\JU
 Sample : 05909-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-44

Quant Time: Dec 29 16:29:29 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)

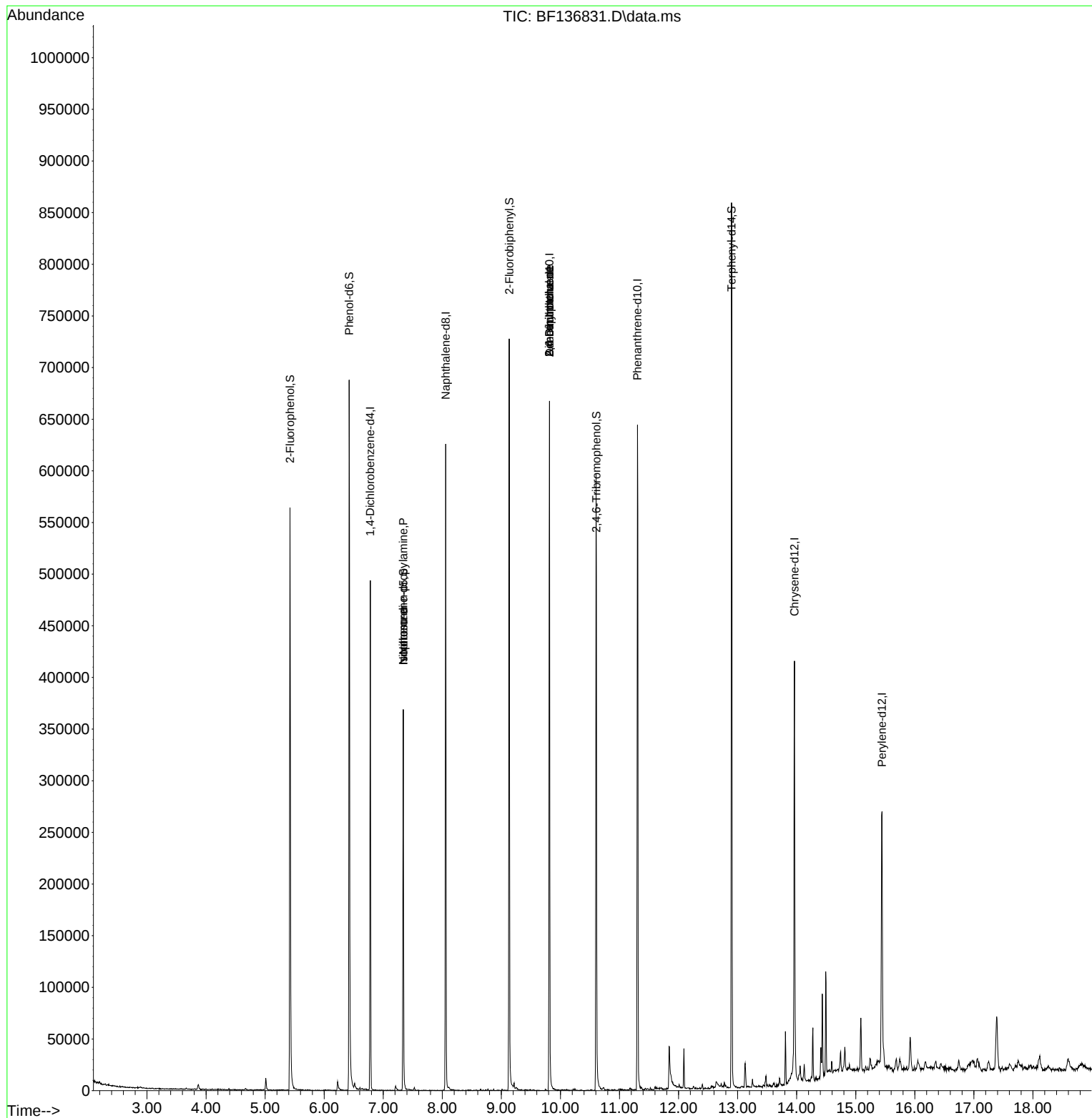
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	66690	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	252756	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	131520	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	250489	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	139743	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	129788	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	152265	35.624	ng	0.00
7) Phenol-d6	6.422	99	233324	42.129	ng	-0.02
23) Nitrobenzene-d5	7.339	82	104477	21.152	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	78383	50.604	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	215900	22.079	ng	-0.02
79) Terphenyl-d14	12.898	244	296619	29.663	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	13508	4.023	ng	# 75
25) Isophorone	7.339	82	104476	11.624	ng	# 65
50) Dimethylphthalate	9.816	163	25094	2.612	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17253	7.913	ng	# 29
57) 2,4-Dinitrotoluene	9.816	165	17253	6.096	ng	# 20

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

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Data File : BF136831.D
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Sample : 05909-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Dec 29 16:29:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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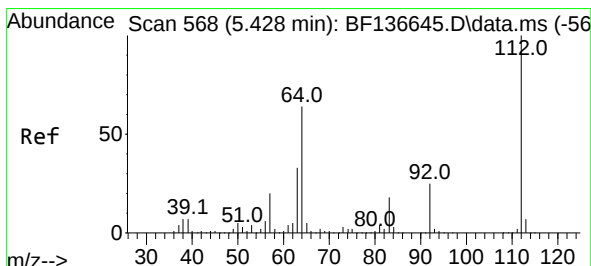
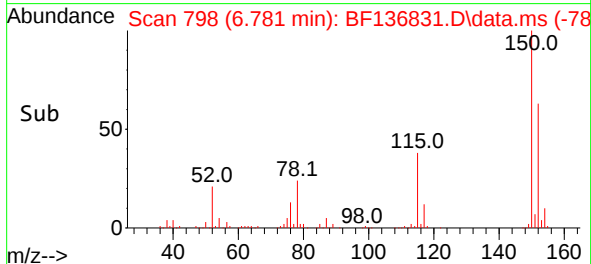
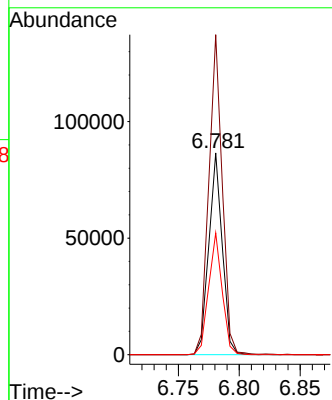
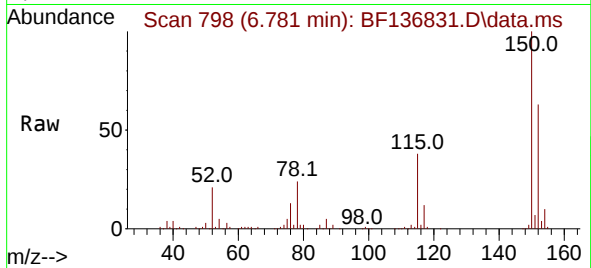




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

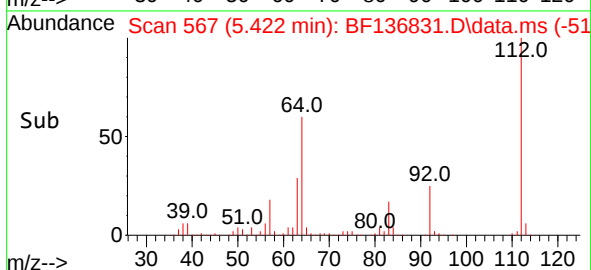
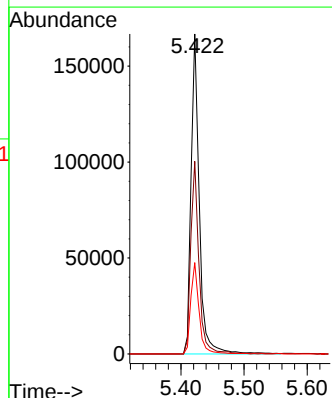
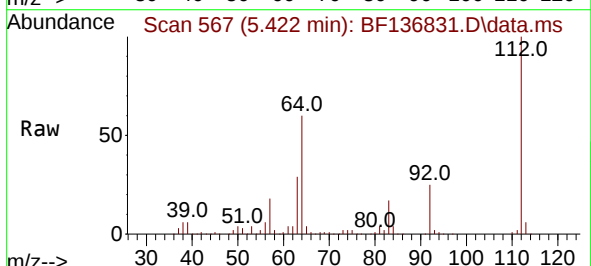
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

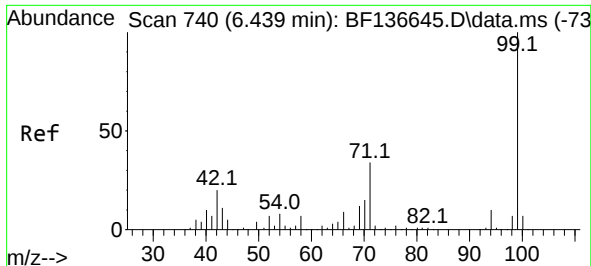
Tgt Ion:152 Resp: 66690
Ion Ratio Lower Upper
152 100
150 158.7 127.0 190.6
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 35.624 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion:112 Resp: 152265
Ion Ratio Lower Upper
112 100
64 60.2 51.1 76.7
63 28.6 26.1 39.1

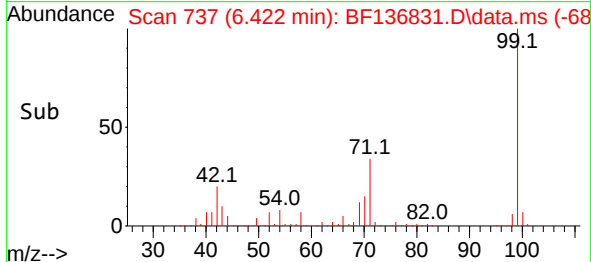
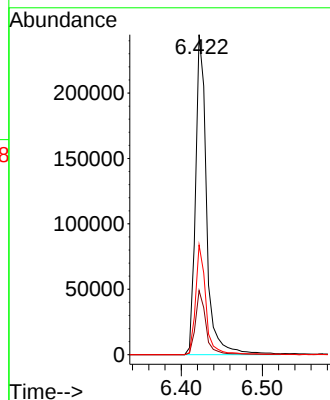
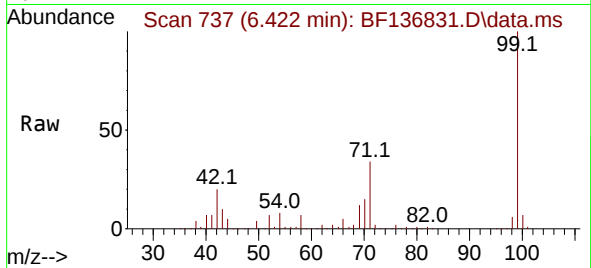




#7
Phenol-d6
Concen: 42.129 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

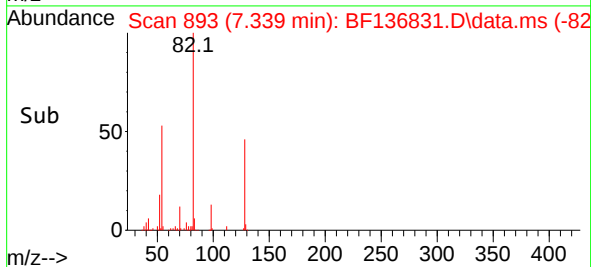
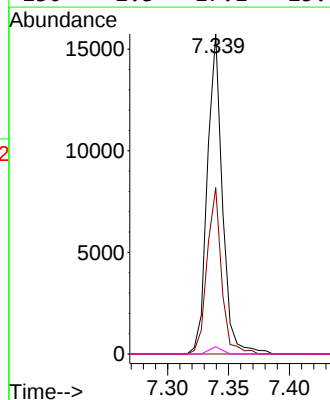
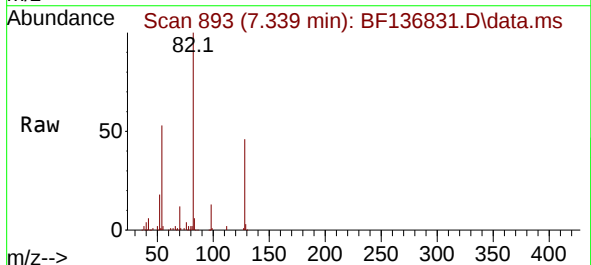
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

Tgt Ion: 99 Resp: 233324
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 34.3 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 4.023 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.129 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion: 70 Resp: 13508
Ion Ratio Lower Upper
70 100
42 52.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



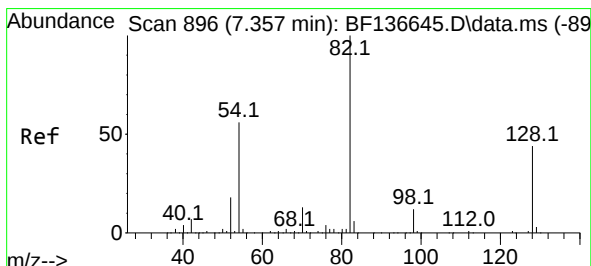
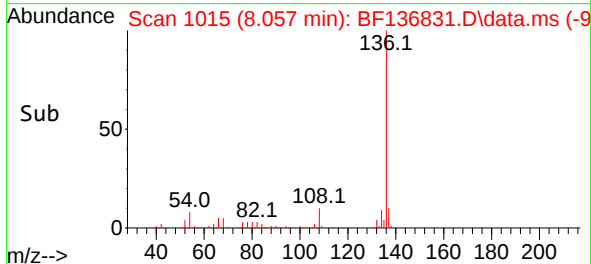
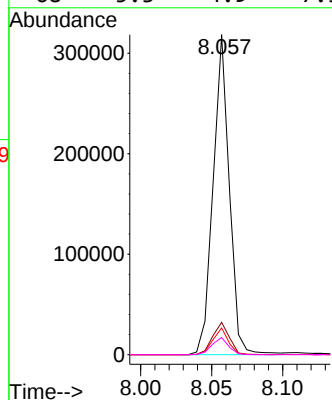
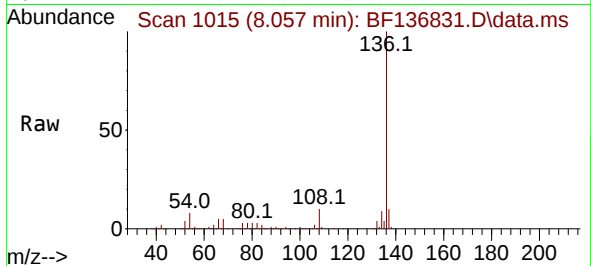


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

Tgt Ion:136 Resp: 252756

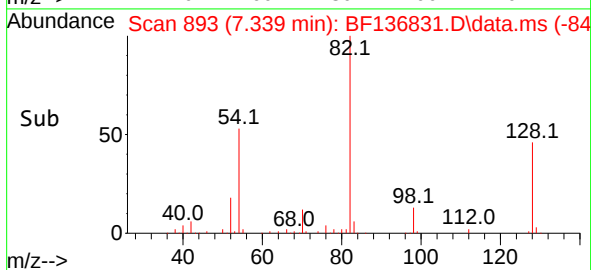
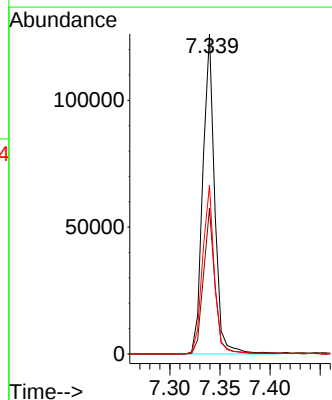
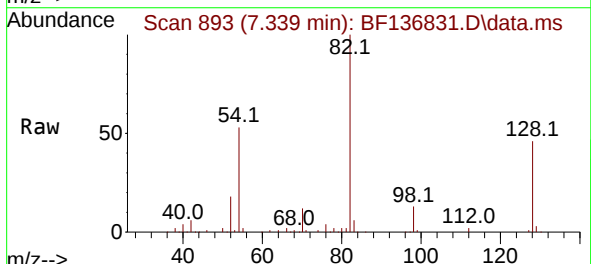
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	8.4	7.2	10.8
68	5.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 21.152 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion: 82 Resp: 104477

Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.3	52.9
54	52.7	44.5	66.7

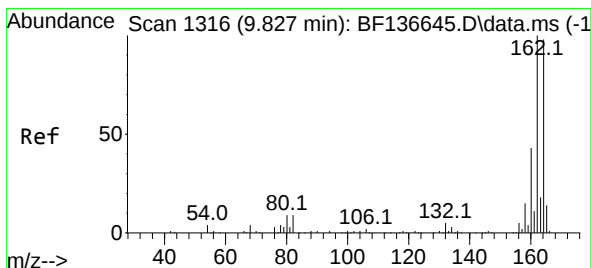
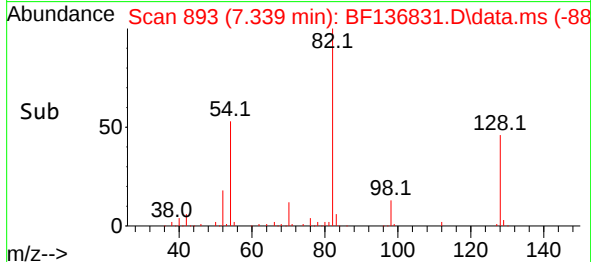
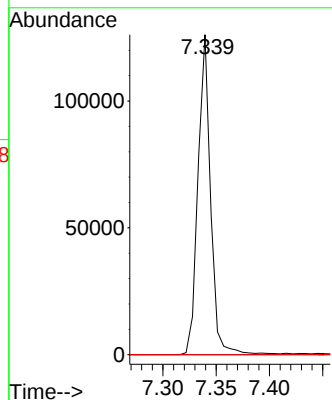
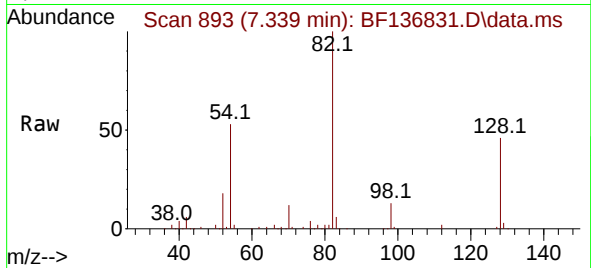




#25
Isophorone
Concen: 11.624 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

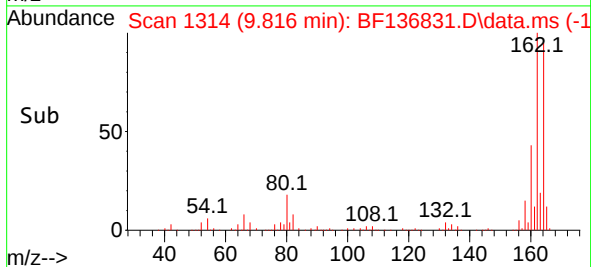
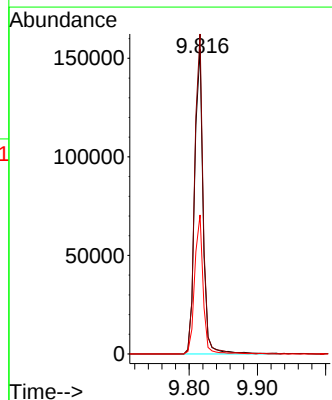
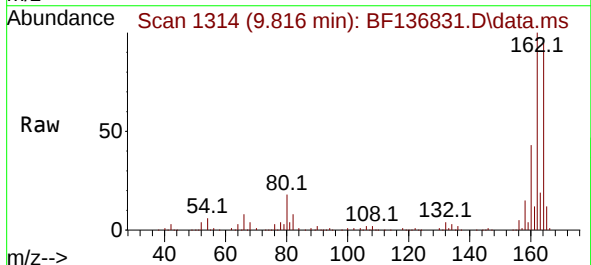
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

Tgt Ion: 82 Resp: 104476
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: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion:164 Resp: 131520
Ion Ratio Lower Upper
164 100
162 105.1 81.6 122.4
160 45.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 50.604 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136831.D

Acq: 29 Dec 2023 16:11

Instrument :

BNA_F

ClientSampleId :

GHL-SS-44

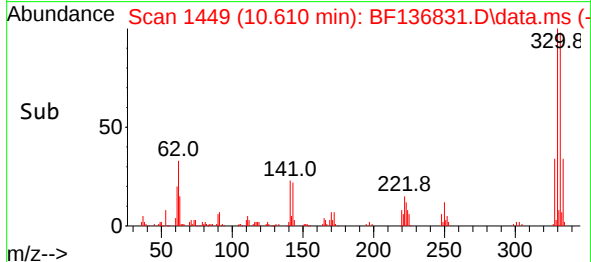
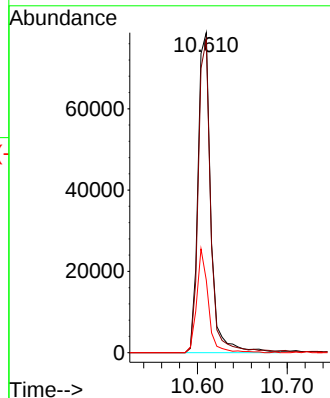
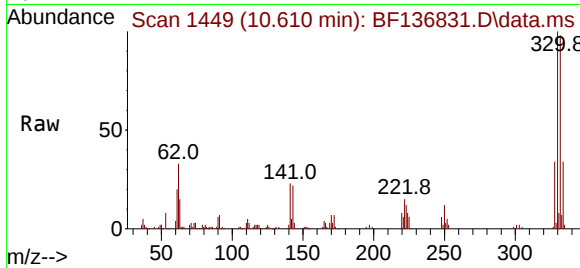
Tgt Ion:330 Resp: 78383

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.0

141 29.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 22.079 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136831.D

Acq: 29 Dec 2023 16:11

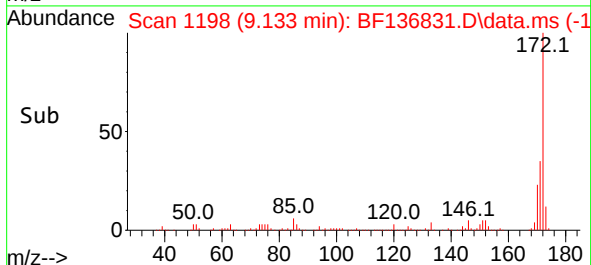
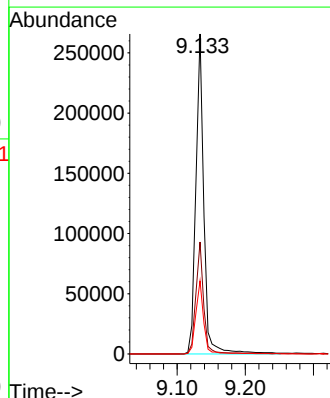
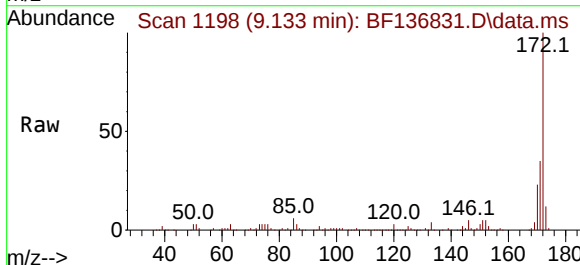
Tgt Ion:172 Resp: 215900

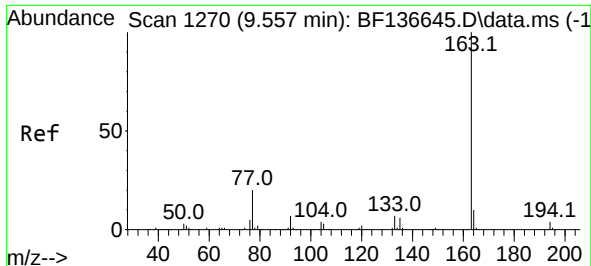
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 22.8 19.0 28.4

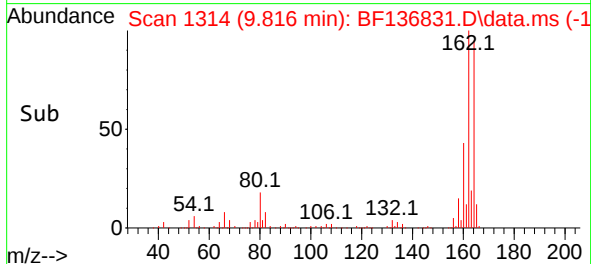
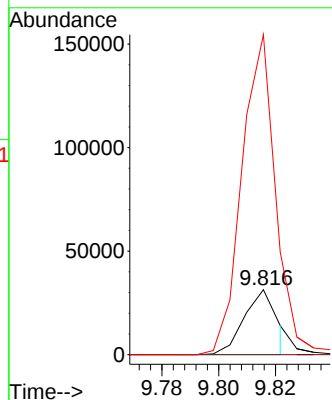
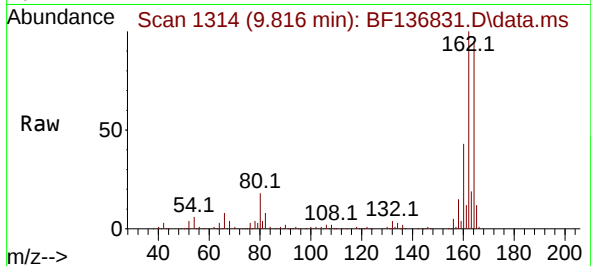




#50
Dimethylphthalate
Concen: 2.612 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

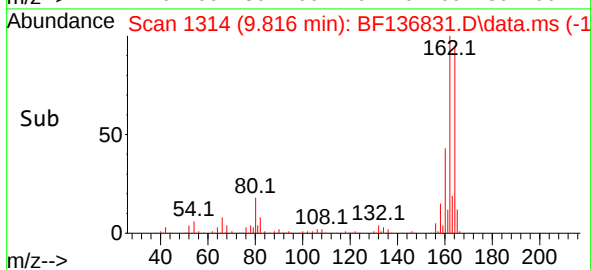
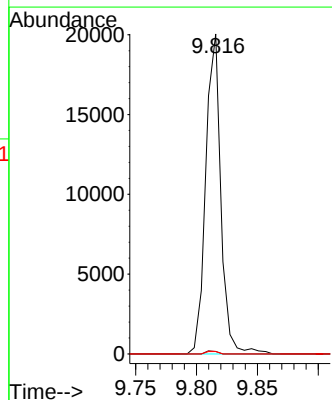
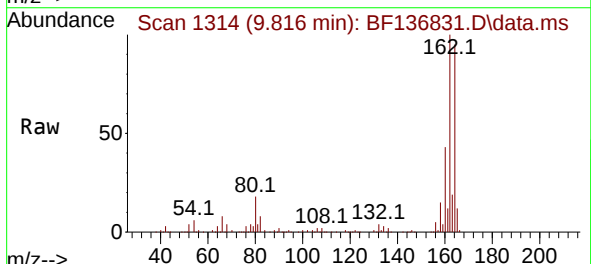
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

Tgt Ion:163 Resp: 25094
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 492.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.913 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion:165 Resp: 17253
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 0.8 38.8 58.2#

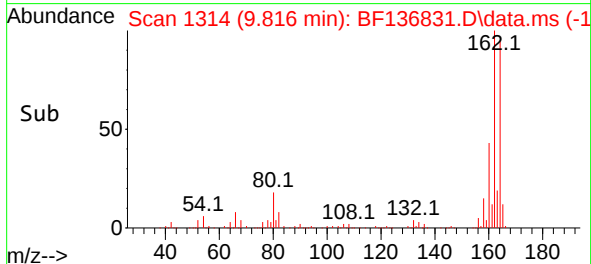
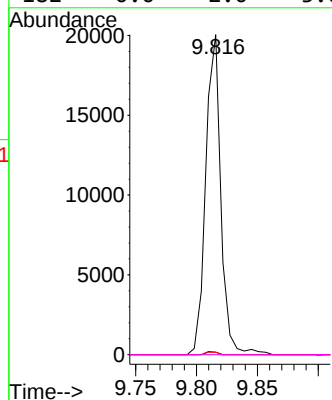
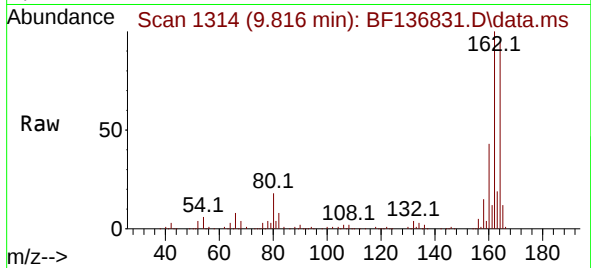




#57
2,4-Dinitrotoluene
Concen: 6.096 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

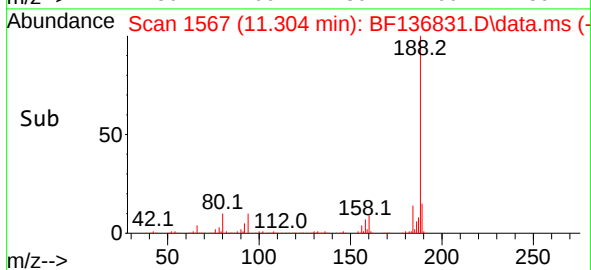
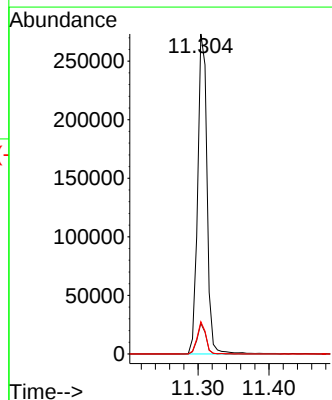
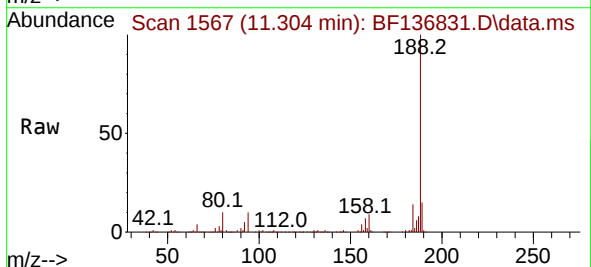
Instrument :
BNA_F
ClientSampleId :
GHL-SS-44

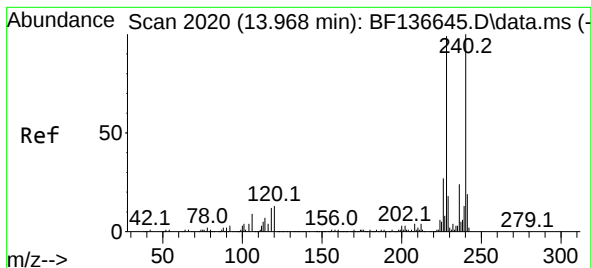
Tgt Ion:165 Resp: 17253
Ion Ratio Lower Upper
165 100
63 0.8 41.0 61.6#
89 0.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136831.D
Acq: 29 Dec 2023 16:11

Tgt Ion:188 Resp: 250489
Ion Ratio Lower Upper
188 100
94 9.5 7.5 11.3
80 10.1 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136831.D

Acq: 29 Dec 2023 16:11

Instrument :

BNA_F

ClientSampleId :

GHL-SS-44

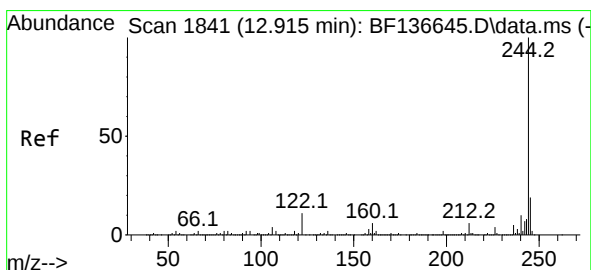
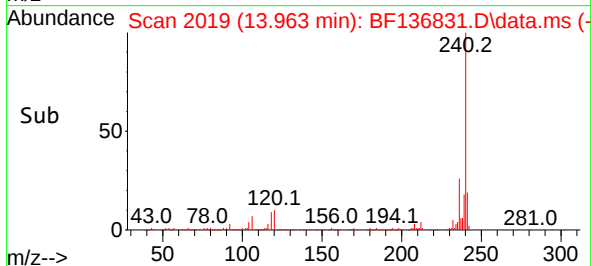
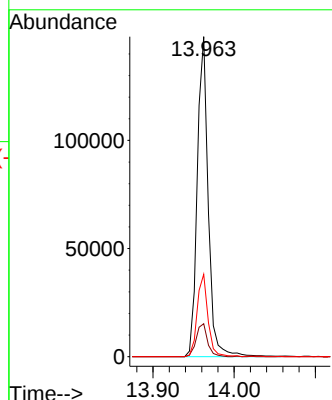
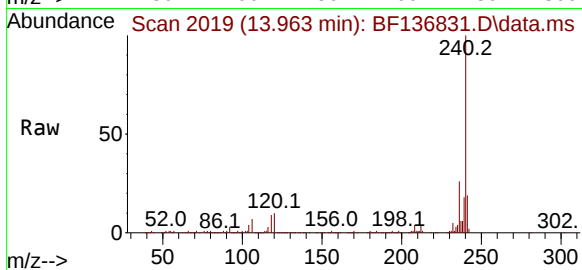
Tgt Ion:240 Resp: 139743

Ion Ratio Lower Upper

240 100

120 10.3 10.3 15.5#

236 25.8 19.4 29.2



#79

Terphenyl-d14

Concen: 29.663 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.018 min

Lab File: BF136831.D

Acq: 29 Dec 2023 16:11

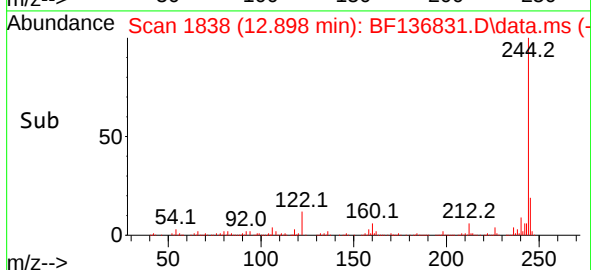
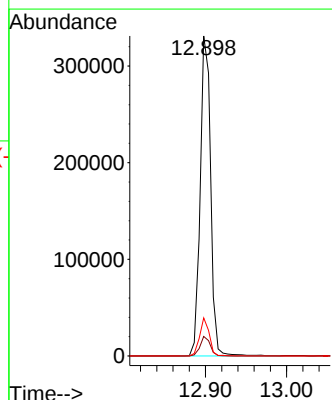
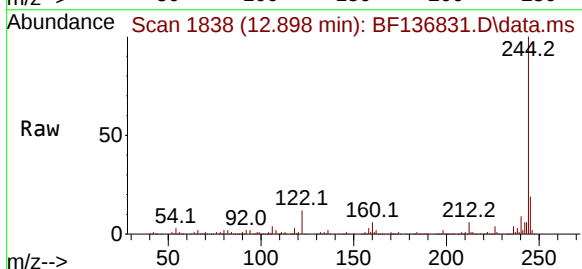
Tgt Ion:244 Resp: 296619

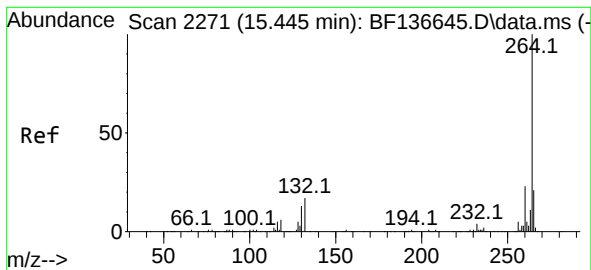
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 11.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF136831.D
 Acq: 29 Dec 2023 16:11

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-44

Tgt Ion:264 Resp: 129788
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.3 27.5
 265 20.4 17.0 25.6

