

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136833.D
 Acq On : 29 Dec 2023 17:13
 Operator : CG\JU
 Sample : 05909-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-48

Quant Time: Dec 30 01:02:30 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)

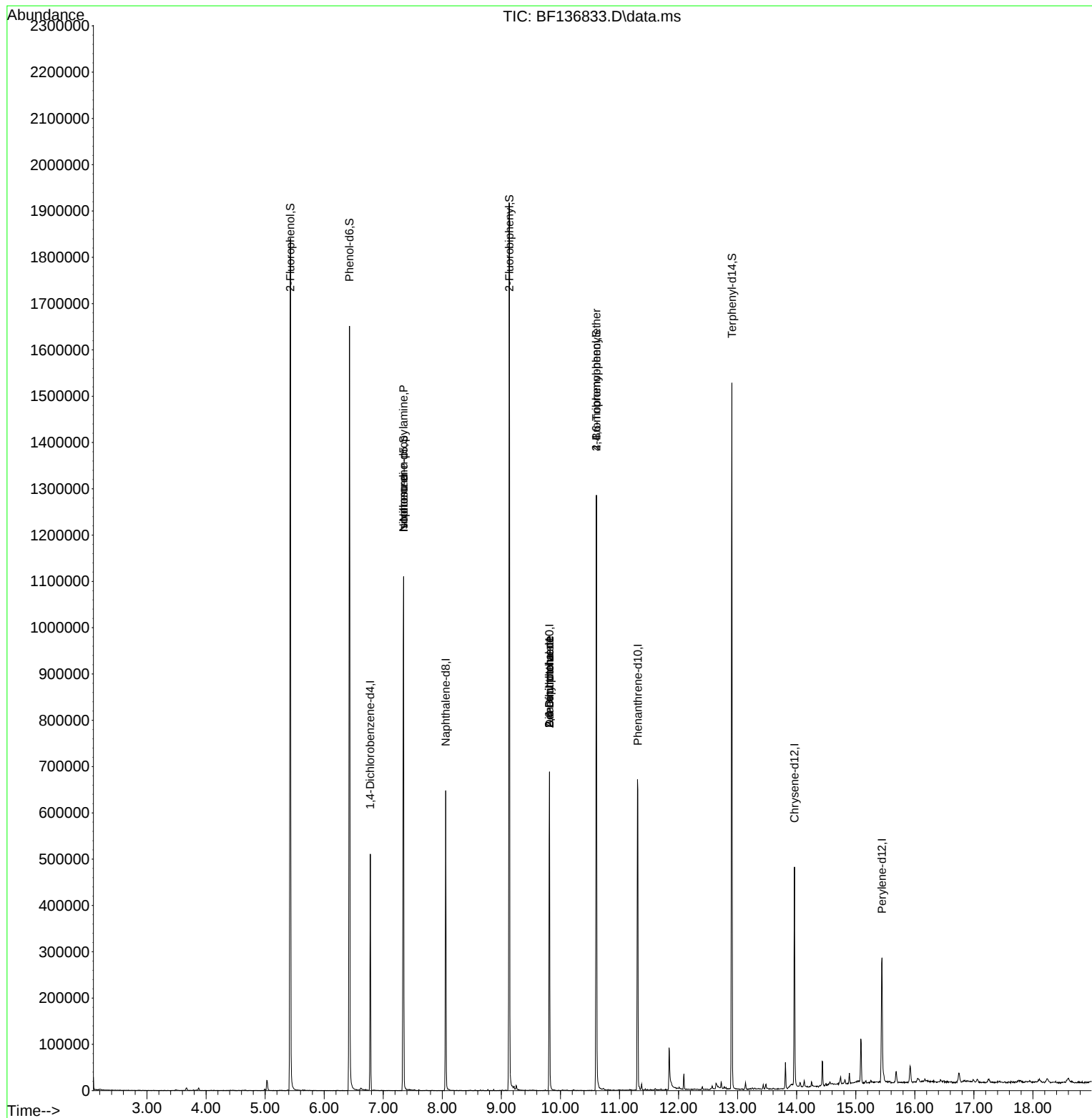
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68291	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267402	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137308	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	269484	20.000	ng	0.00
76) Chrysene-d12	13.963	240	159530	20.000	ng	0.00
86) Perylene-d12	15.445	264	136101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	473015	108.073	ng	0.00
7) Phenol-d6	6.428	99	595521	105.006	ng	-0.01
23) Nitrobenzene-d5	7.345	82	359801	68.853	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	164114	101.486	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	608276	59.583	ng	-0.02
79) Terphenyl-d14	12.904	244	531975	46.601	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	47386	13.783	ng	# 70
25) Isophorone	7.345	82	359795	37.839	ng	# 65
50) Dimethylphthalate	9.816	163	28224	2.814	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17991	7.904	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17991	6.089	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9644	3.222	ng	# 1

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

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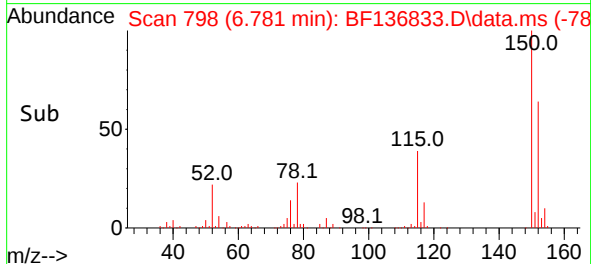
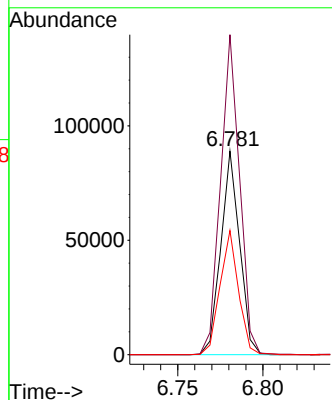
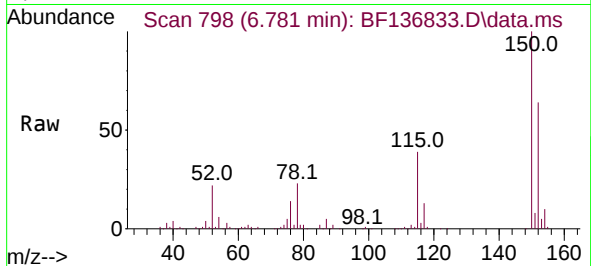




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

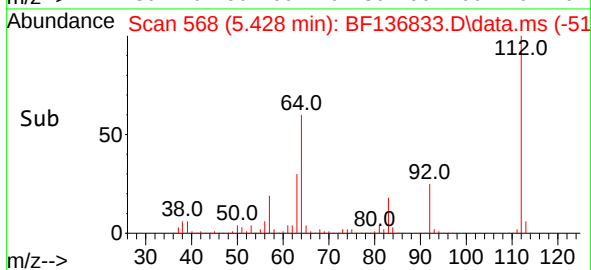
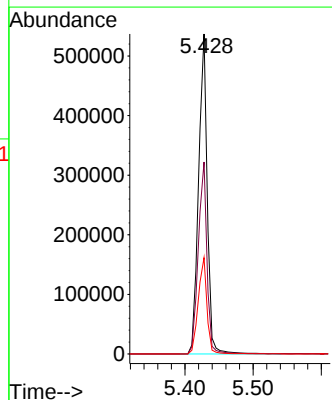
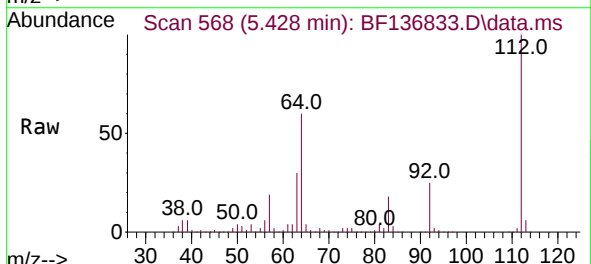
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

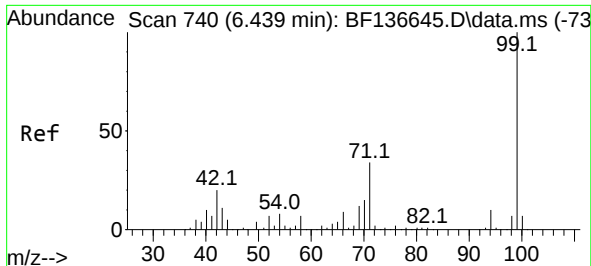
Tgt Ion:152 Resp: 68291
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 108.073 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion:112 Resp: 473015
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 30.1 26.1 39.1

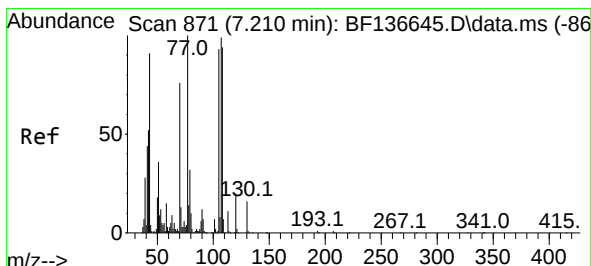
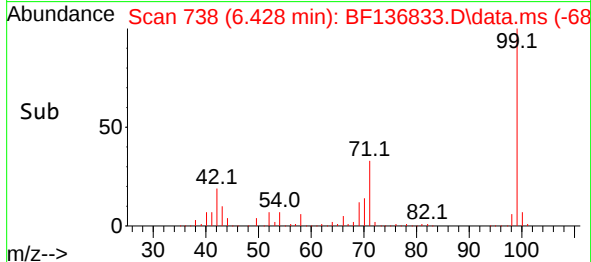
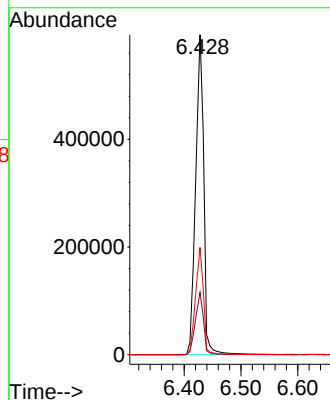
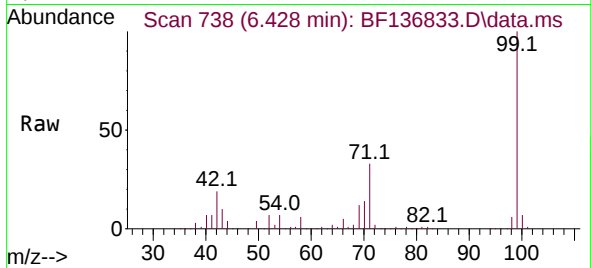




#7
Phenol-d6
Concen: 105.006 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

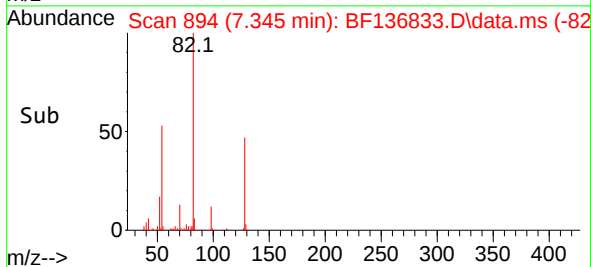
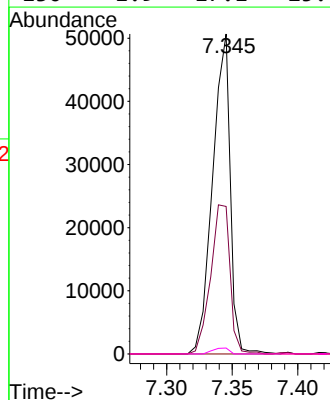
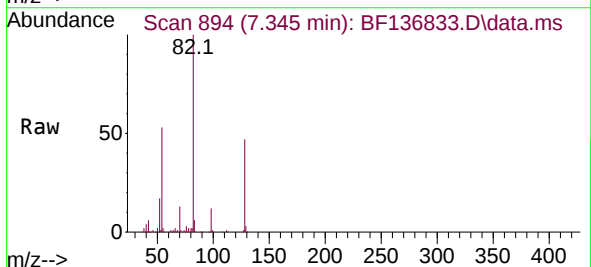
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

Tgt Ion: 99 Resp: 595521
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.5 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.783 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion: 70 Resp: 47386
Ion Ratio Lower Upper
70 100
42 46.1 54.2 81.4#
101 0.0 7.6 11.4#
130 1.9 17.1 25.7#



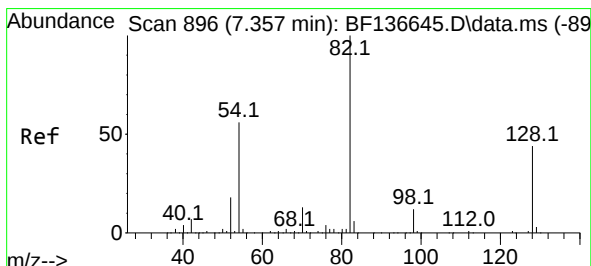
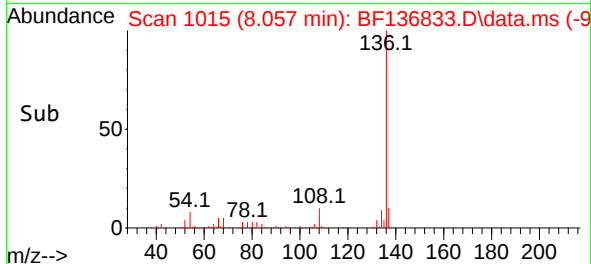
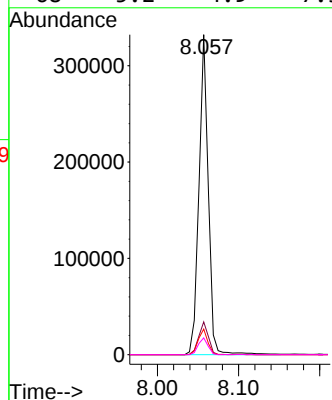
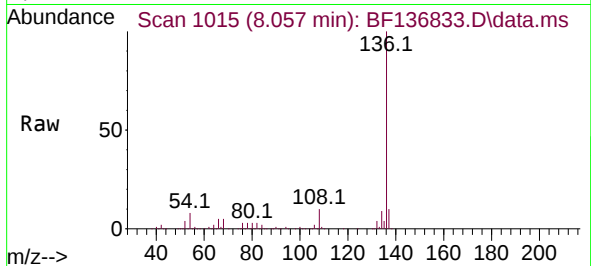


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

Tgt Ion:136 Resp: 267402

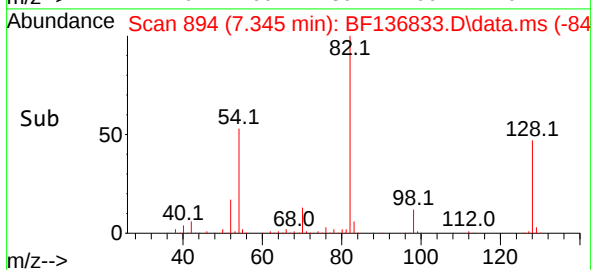
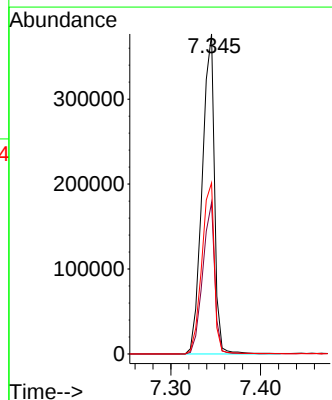
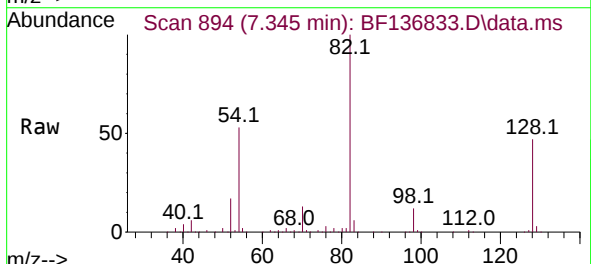
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.0	13.4
54	8.0	7.2	10.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 68.853 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion: 82 Resp: 359801

Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.3	52.9
54	53.5	44.5	66.7

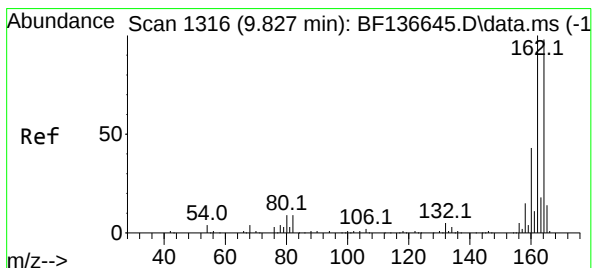
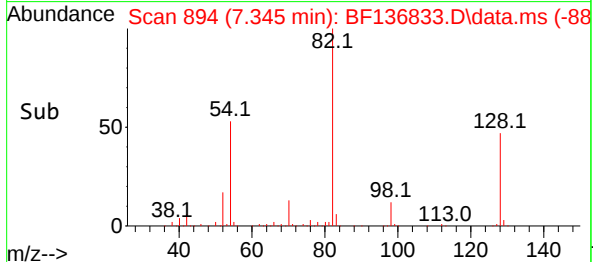
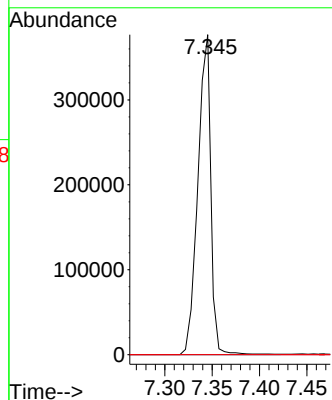
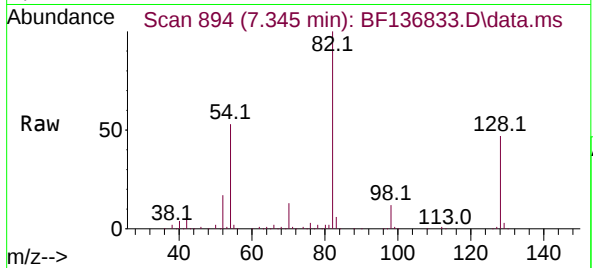




#25
Isophorone
Concen: 37.839 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

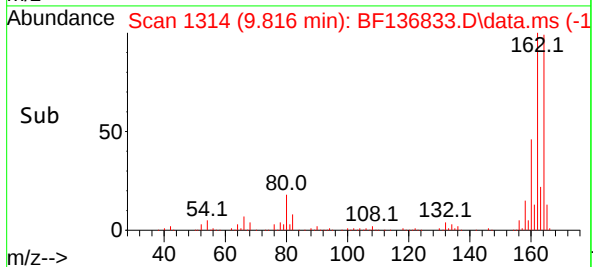
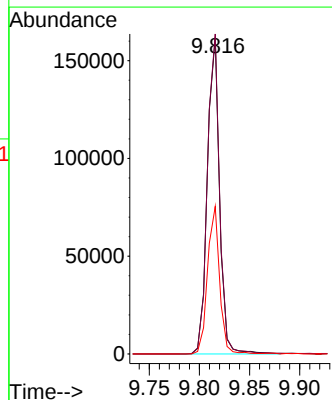
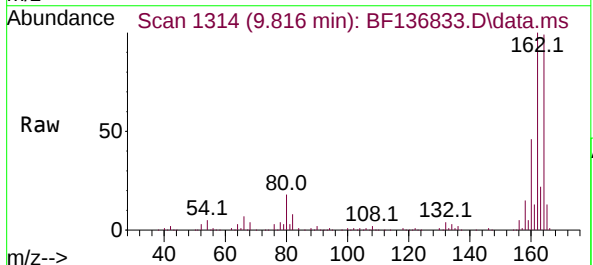
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

Tgt Ion: 82 Resp: 359795
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: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion:164 Resp: 137308
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 46.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 101.486 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136833.D

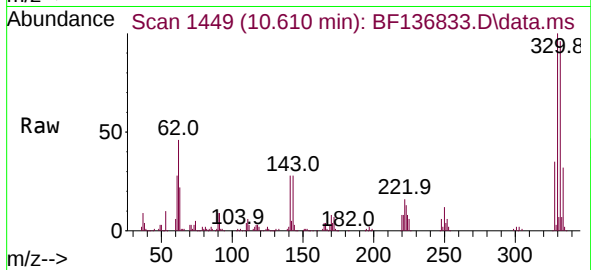
Acq: 29 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

GHL-SS-48



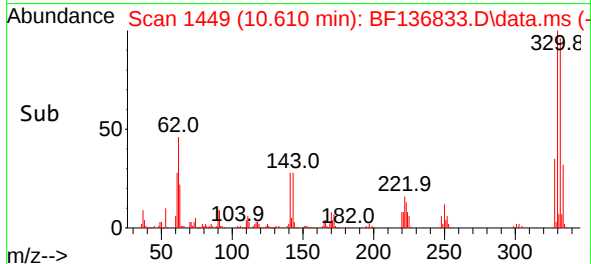
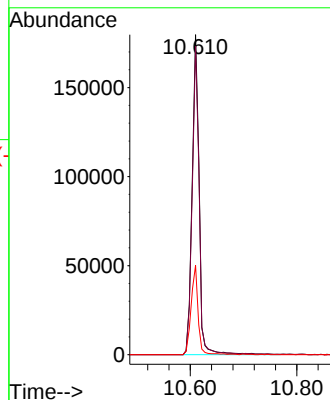
Tgt Ion:330 Resp: 164114

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.0

141 27.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 59.583 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136833.D

Acq: 29 Dec 2023 17:13

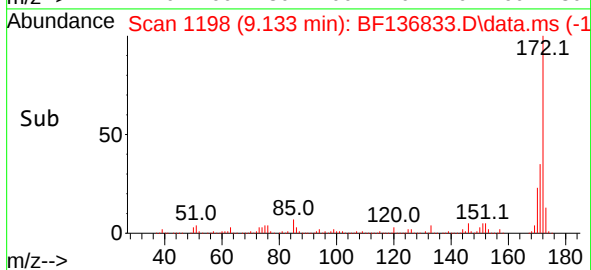
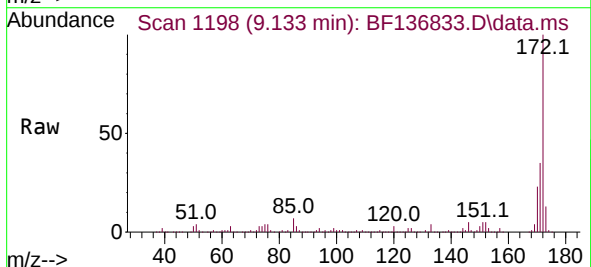
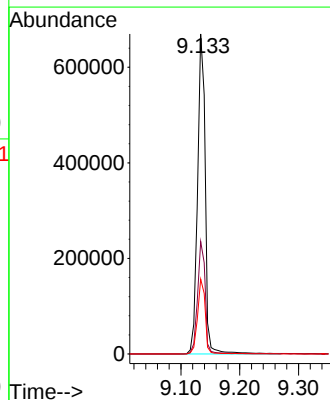
Tgt Ion:172 Resp: 608276

Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

170 23.4 19.0 28.4

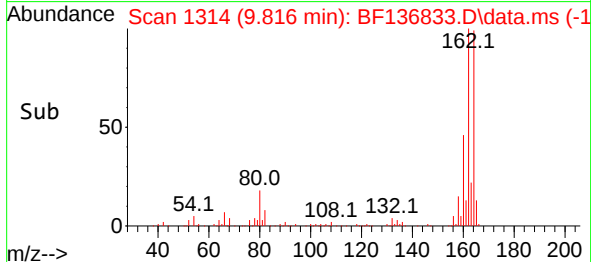
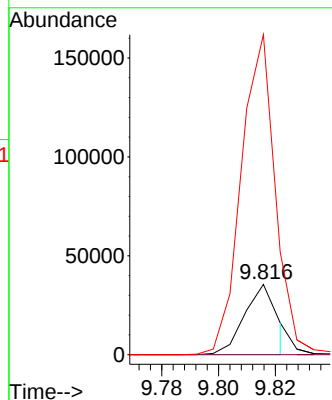
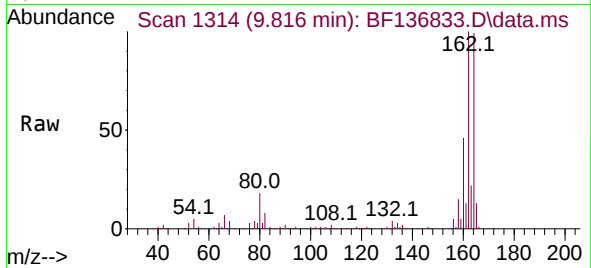




#50
Dimethylphthalate
Concen: 2.814 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

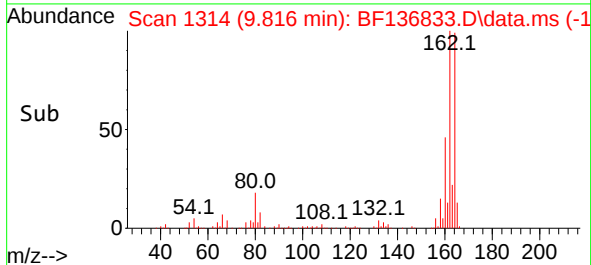
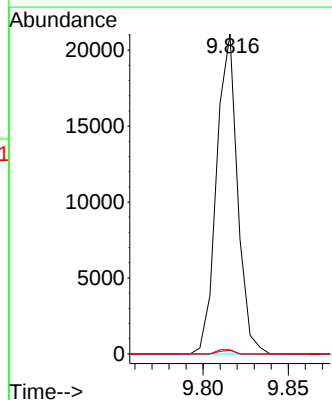
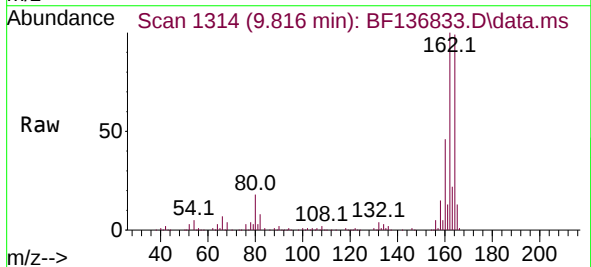
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

Tgt Ion:163 Resp: 28224
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 455.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.904 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

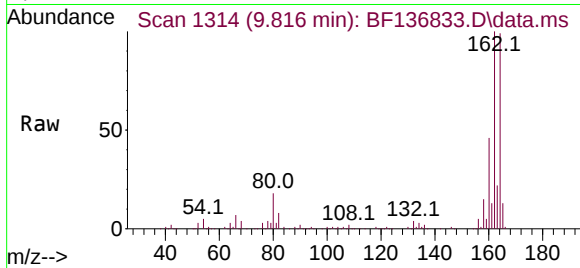
Tgt Ion:165 Resp: 17991
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 38.8 58.2#



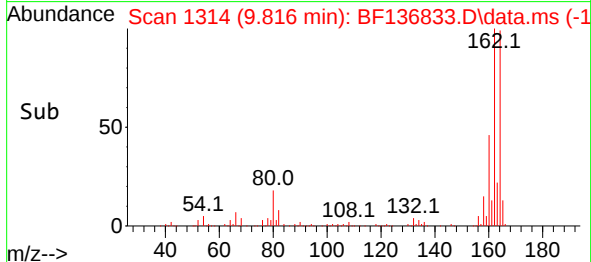
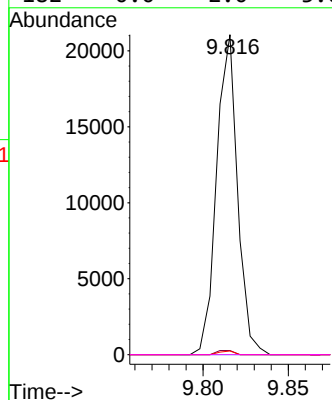


#57
2,4-Dinitrotoluene
Concen: 6.089 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

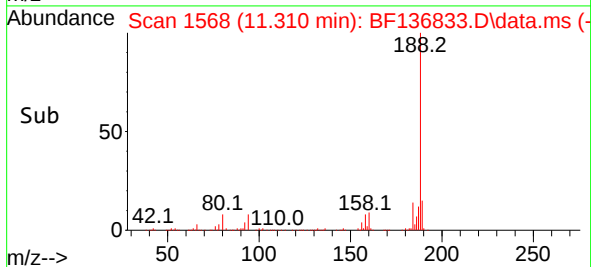
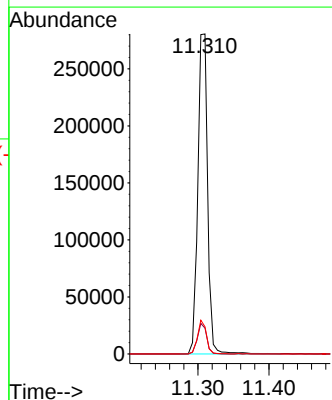
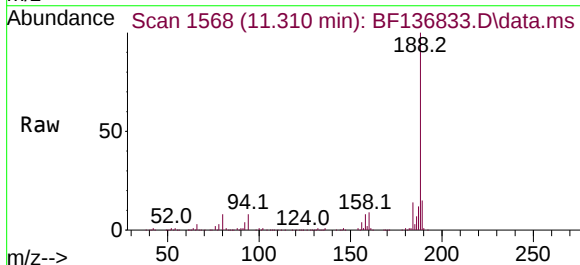


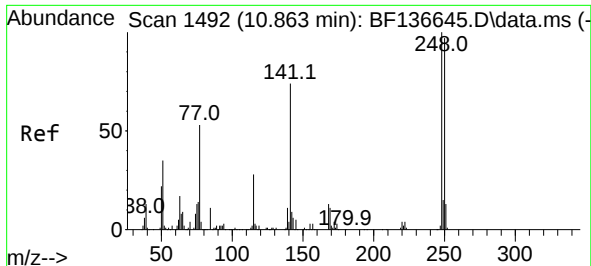
Tgt Ion:165 Resp: 17991
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion:188 Resp: 269484
Ion Ratio Lower Upper
188 100
94 8.1 7.5 11.3
80 8.5 8.1 12.1

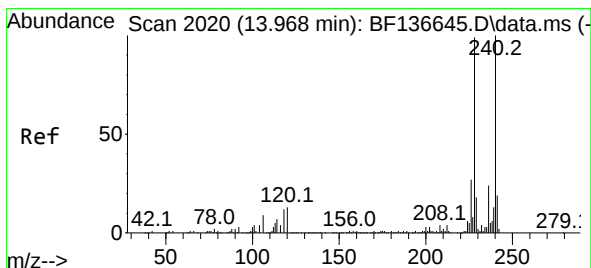
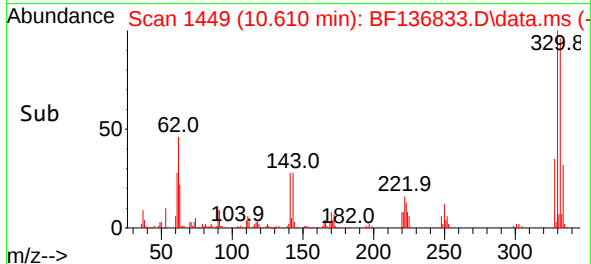
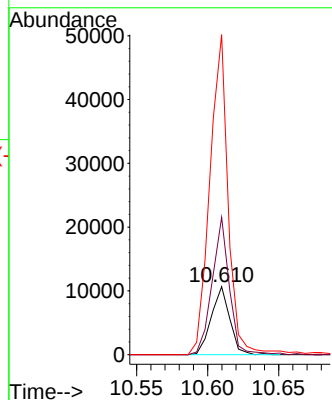
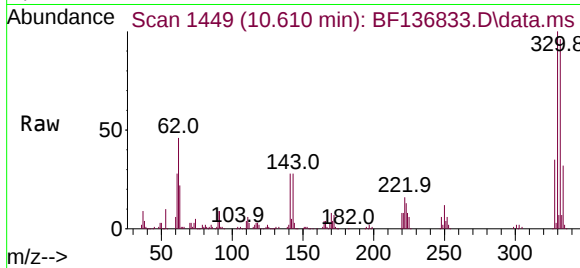




#67
4-Bromophenyl-phenylether
Concen: 3.222 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

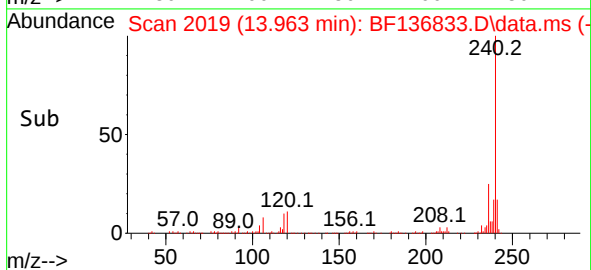
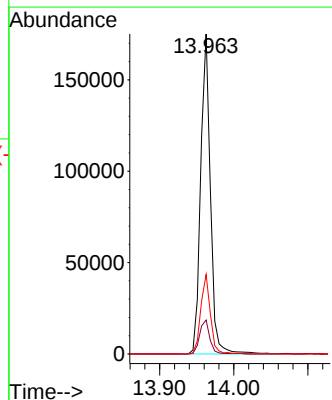
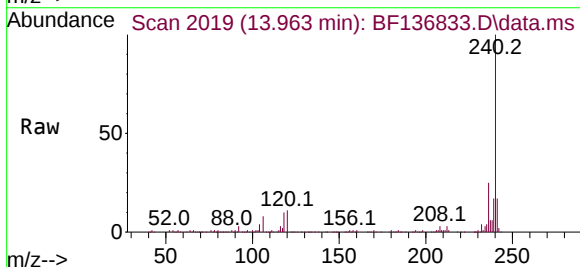
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

Tgt Ion:248 Resp: 9644
Ion Ratio Lower Upper
248 100
250 202.2 77.8 116.6#
141 470.8 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: BF136833.D
Acq: 29 Dec 2023 17:13

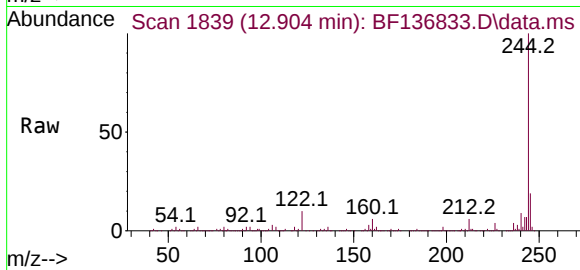
Tgt Ion:240 Resp: 159530
Ion Ratio Lower Upper
240 100
120 10.6 10.3 15.5
236 24.9 19.4 29.2



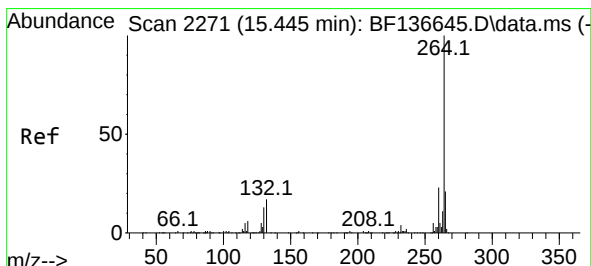
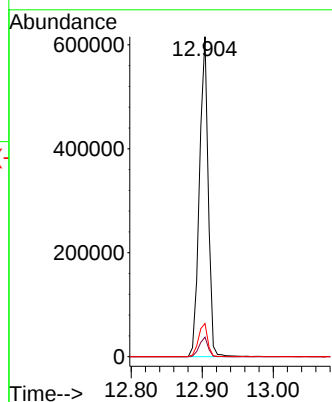
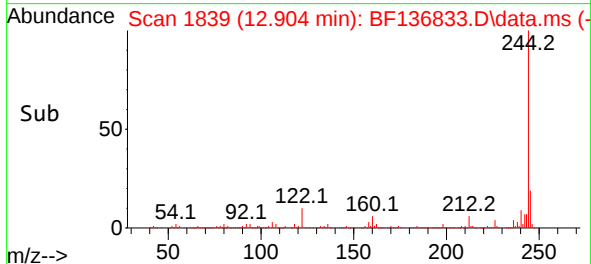


#79
 Terphenyl-d14
 Concen: 46.601 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136833.D
 Acq: 29 Dec 2023 17:13

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-48



Tgt Ion:244 Resp: 531975
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136833.D
 Acq: 29 Dec 2023 17:13

Tgt Ion:264 Resp: 136101
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 20.4 17.0 25.6

