

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136838.D
 Acq On : 29 Dec 2023 19:47
 Operator : CG\JU
 Sample : 05897-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-30

Quant Time: Dec 30 01:04:16 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)

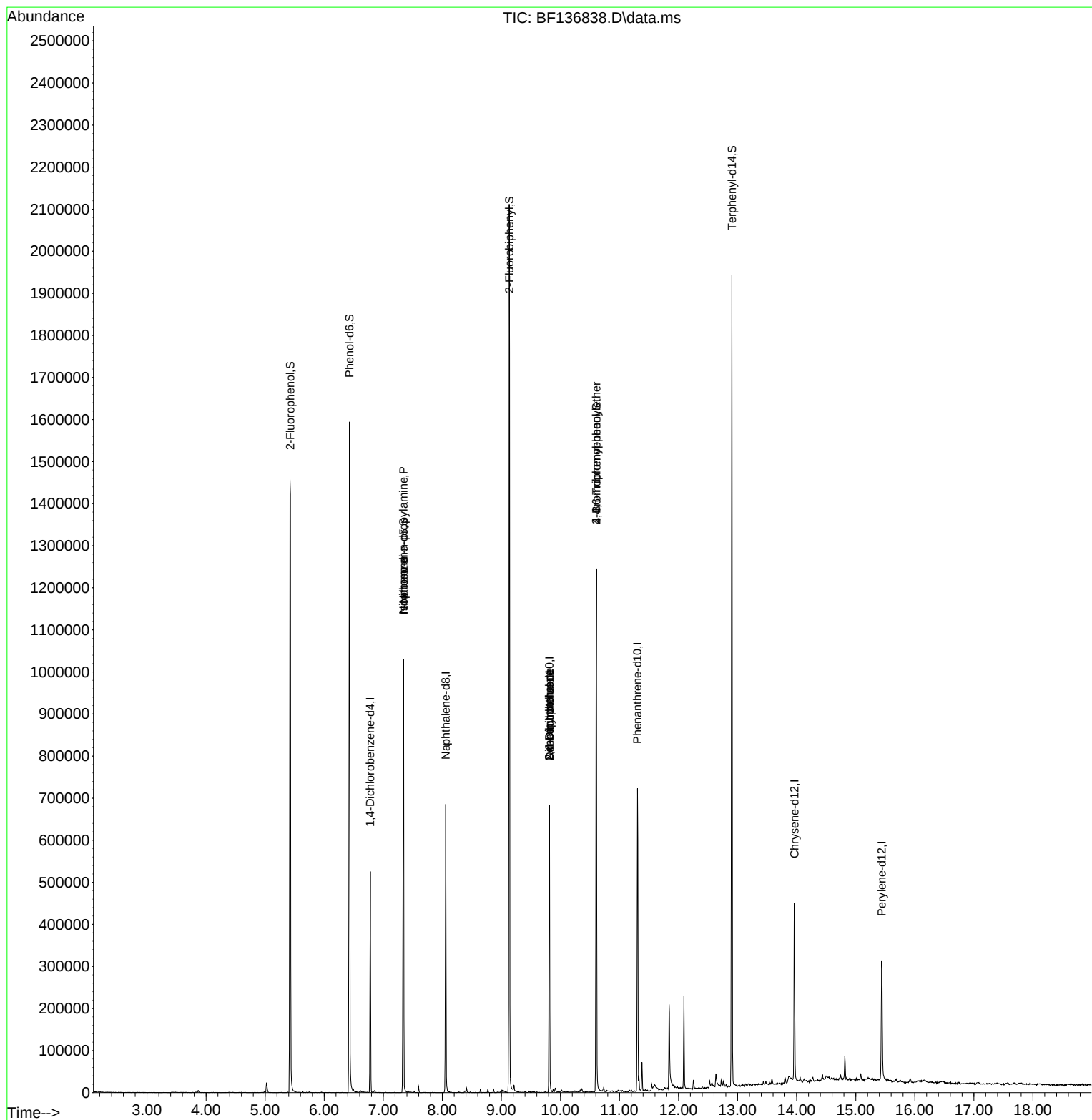
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70461	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	270569	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	142537	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	270627	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	147482	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	139085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	420603	93.138	ng	0.00
7) Phenol-d6	6.428	99	527048	90.070	ng	-0.01
23) Nitrobenzene-d5	7.345	82	329885	62.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	158674	94.522	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	677970	63.974	ng	-0.02
79) Terphenyl-d14	12.904	244	683535	64.768	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	43258	12.195	ng	# 73
25) Isophorone	7.345	82	328821	34.177	ng	# 65
50) Dimethylphthalate	9.816	163	29069	2.792	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	17824	7.543	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	17824	5.811	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9255	3.079	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
Data File : BF136838.D
Acq On : 29 Dec 2023 19:47
Operator : CG\JU
Sample : 05897-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

Quant Time: Dec 30 01:04:16 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

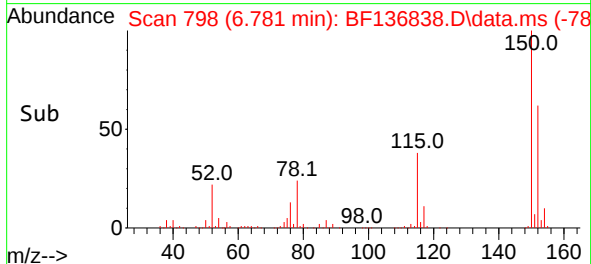
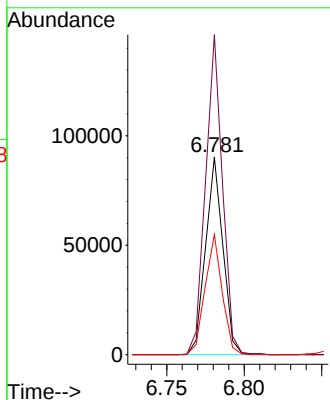
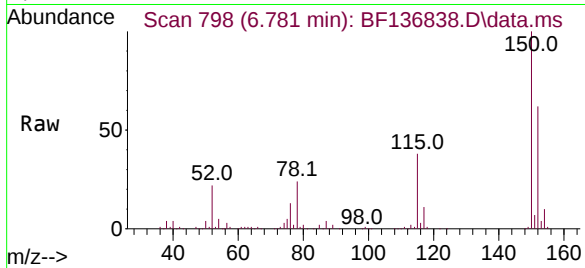




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

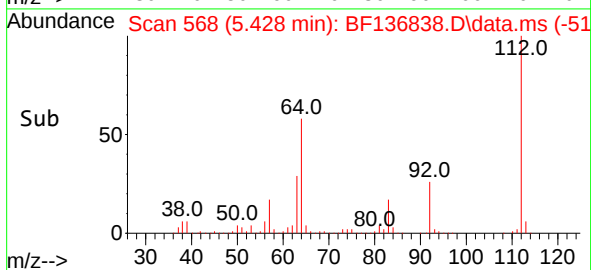
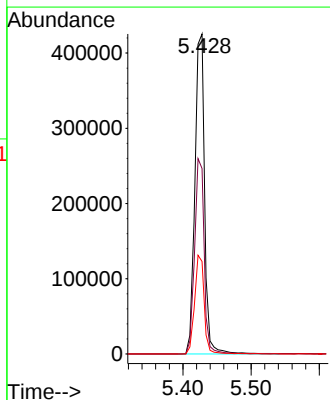
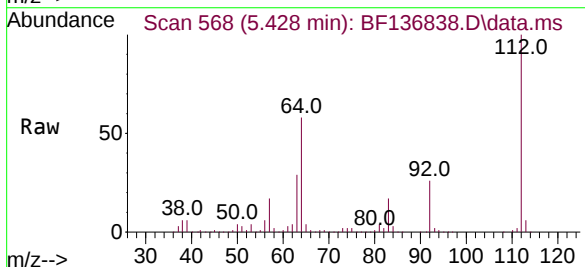
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

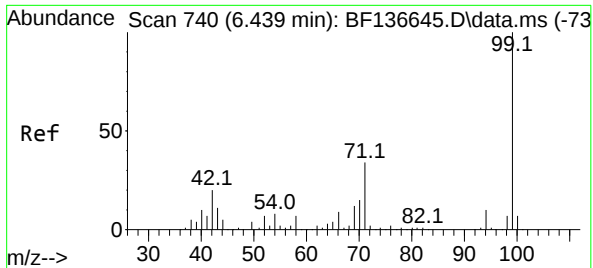
Tgt Ion:152 Resp: 70461
Ion Ratio Lower Upper
152 100
150 161.9 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 93.138 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

Tgt Ion:112 Resp: 420603
Ion Ratio Lower Upper
112 100
64 58.0 51.1 76.7
63 28.9 26.1 39.1

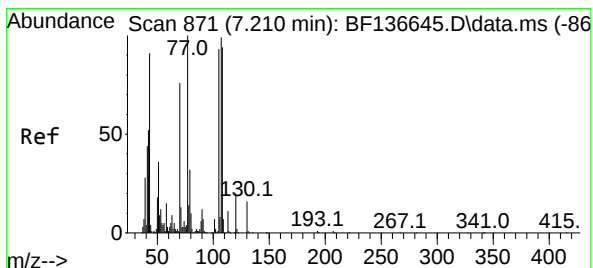
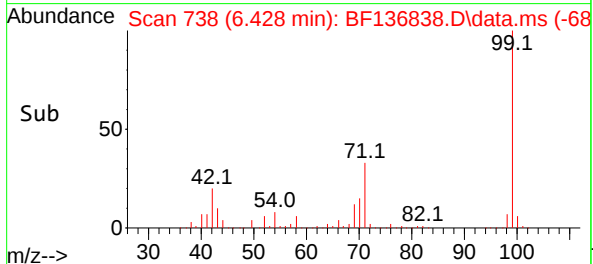
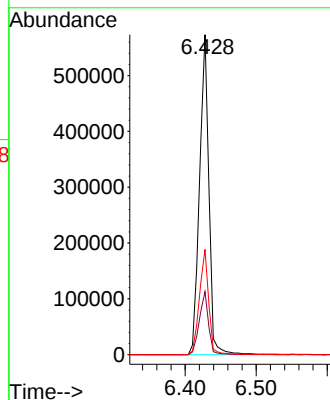
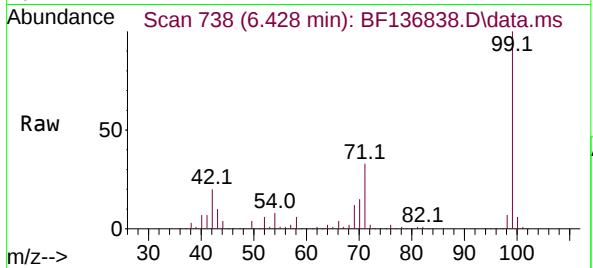




#7
Phenol-d6
Concen: 90.070 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

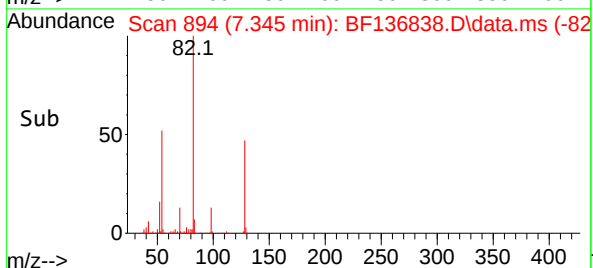
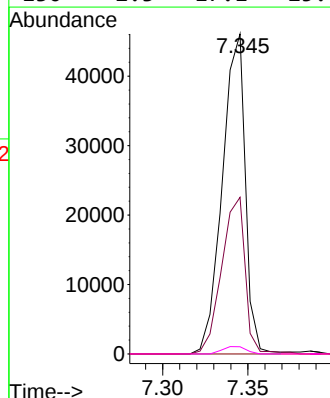
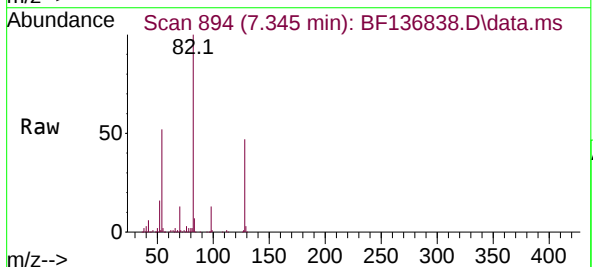
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

Tgt Ion: 99 Resp: 527048
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.195 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

Tgt Ion: 70 Resp: 43258
Ion Ratio Lower Upper
70 100
42 49.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



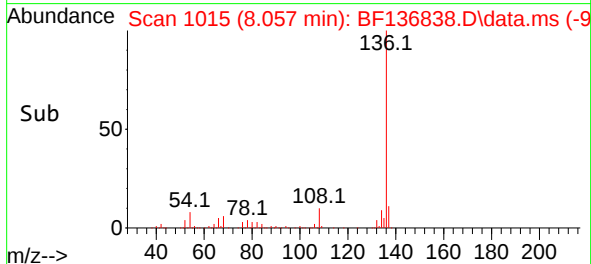
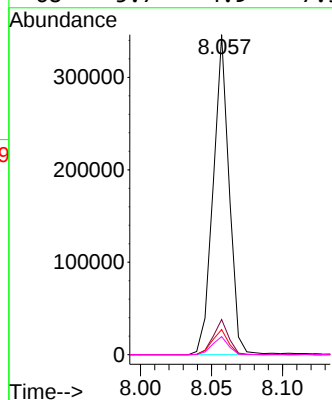
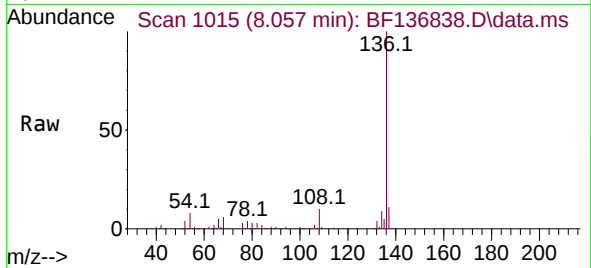


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

Tgt Ion:136 Resp: 270569

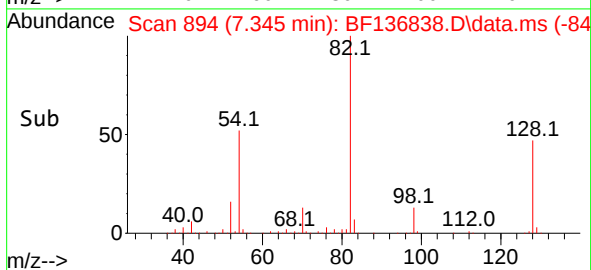
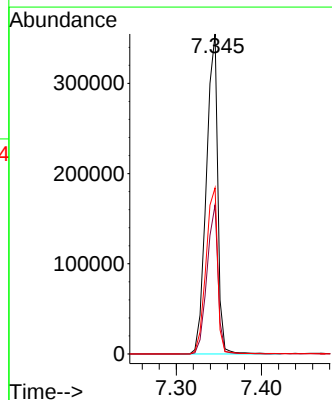
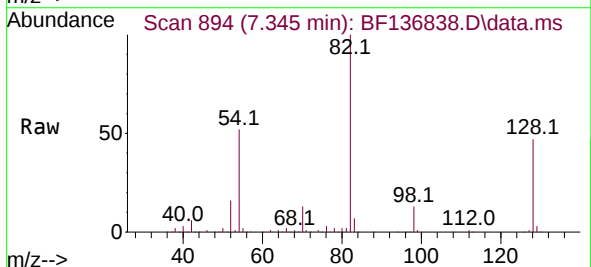
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	7.8	7.2	10.8
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.389 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

Tgt Ion: 82 Resp: 329885

Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.3	52.9
54	51.9	44.5	66.7

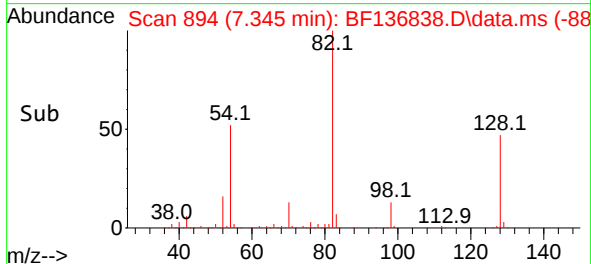
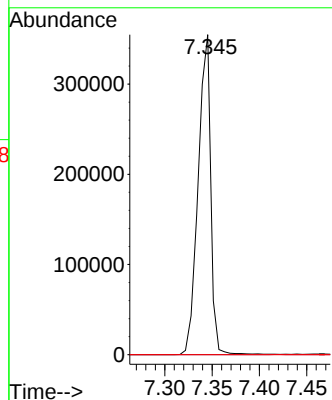
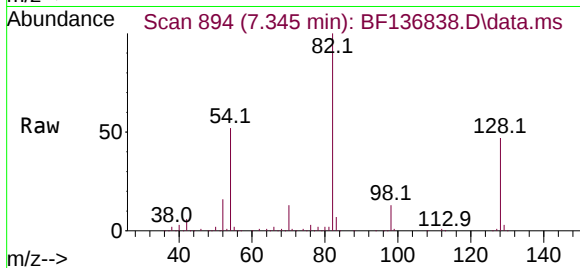




#25
Isophorone
Concen: 34.177 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

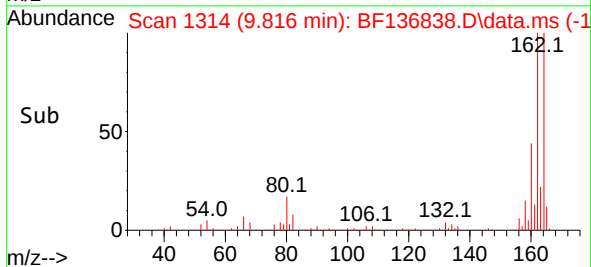
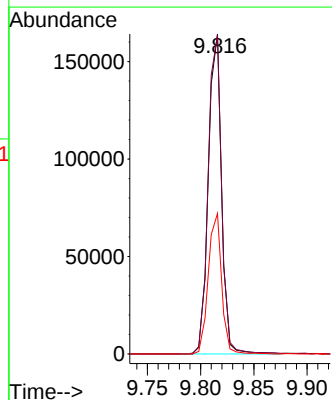
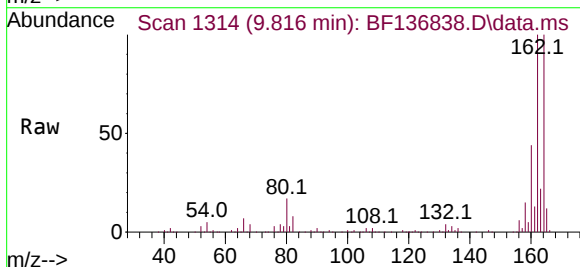
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

Tgt Ion: 82 Resp: 328821
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: BF136838.D
Acq: 29 Dec 2023 19:47

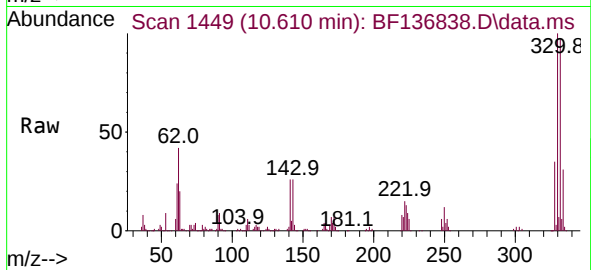
Tgt Ion: 164 Resp: 142537
Ion Ratio Lower Upper
164 100
162 99.7 81.6 122.4
160 43.9 34.9 52.3



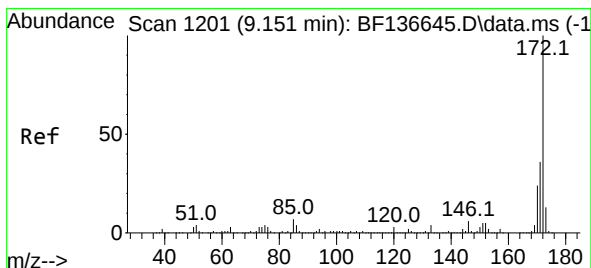
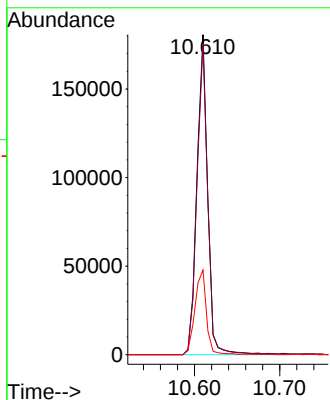
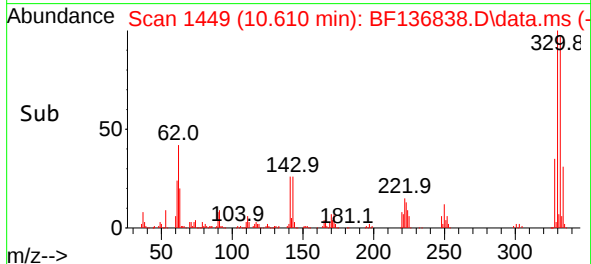


#42
2,4,6-Tribromophenol
Concen: 94.522 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

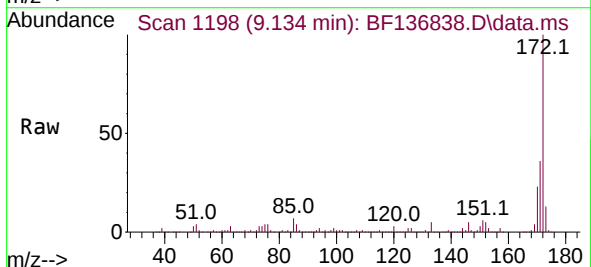
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30



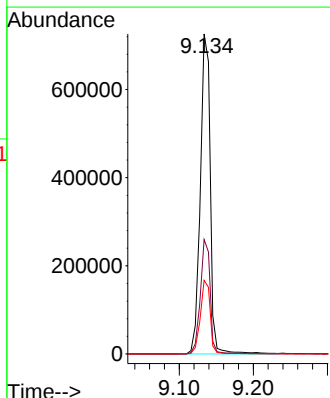
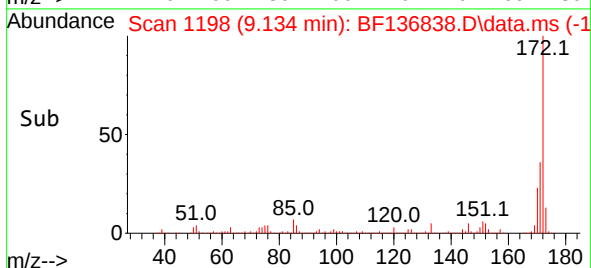
Tgt Ion: 330 Resp: 158674
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 63.974 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47



Tgt Ion: 172 Resp: 677970
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.0 19.0 28.4

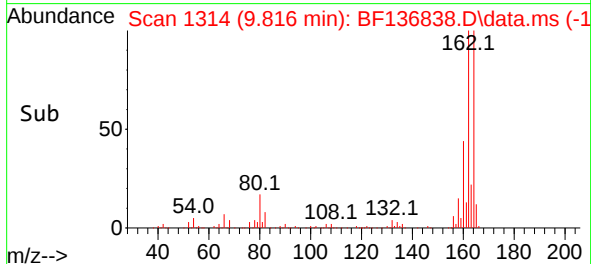
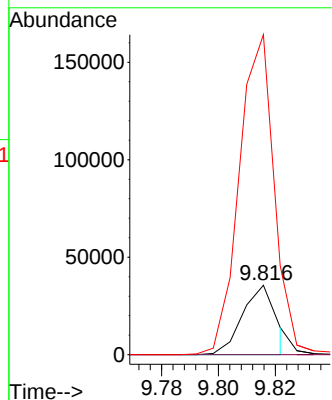
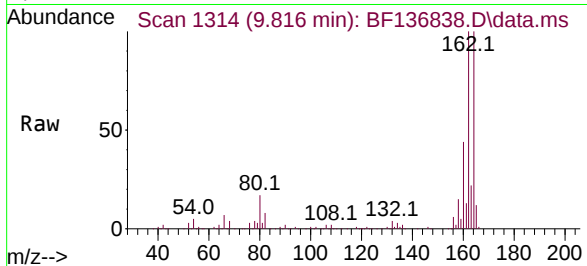




#50
Dimethylphthalate
Concen: 2.792 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

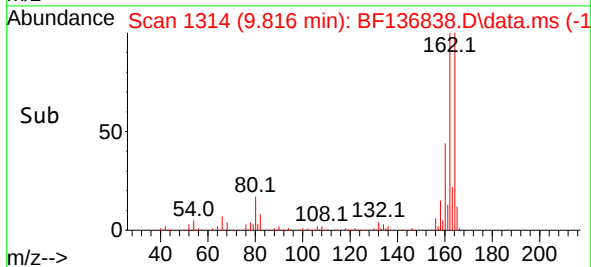
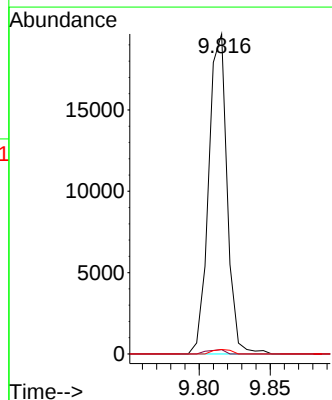
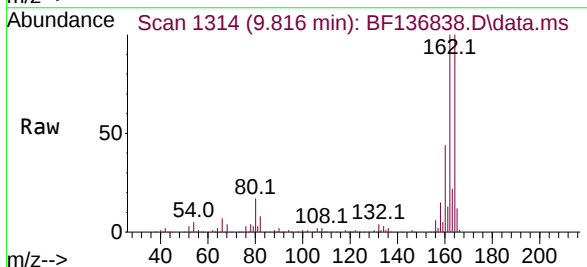
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

Tgt Ion:163 Resp: 29069
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 460.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

Tgt Ion:165 Resp: 17824
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.4 38.8 58.2#

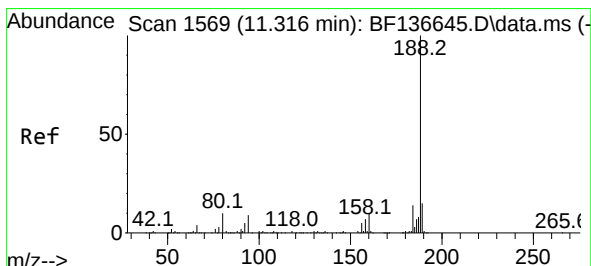
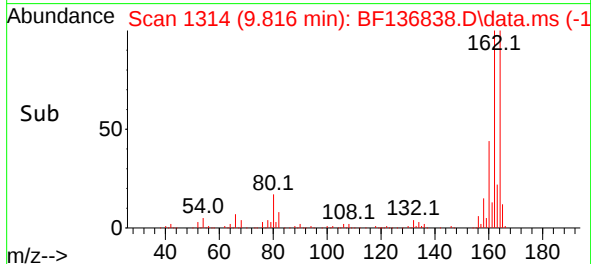
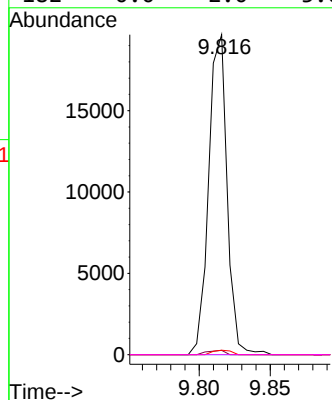
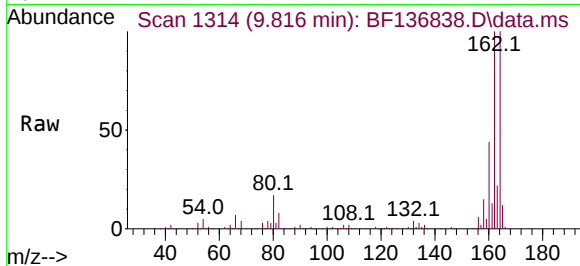




#57
2,4-Dinitrotoluene
Concen: 5.811 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

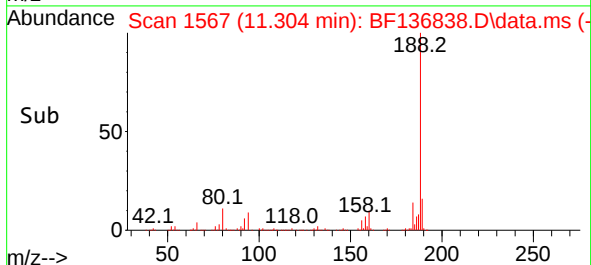
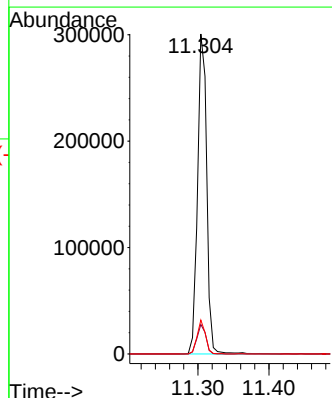
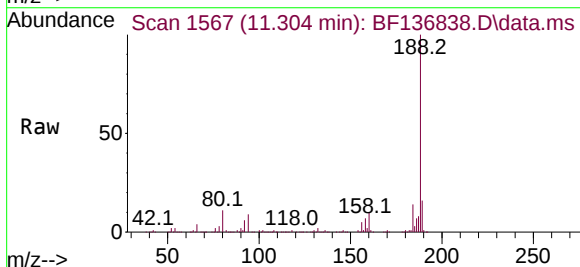
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

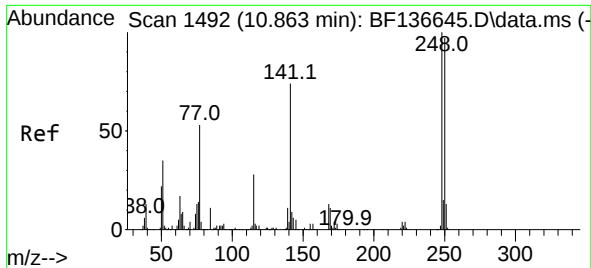
Tgt Ion:	165	Resp:	17824
Ion Ratio	Lower	Upper	
165	100		
63	1.3	41.0	61.6#
89	1.4	59.9	89.9#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

Tgt Ion:	188	Resp:	270627
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.5	11.3
80	10.6	8.1	12.1

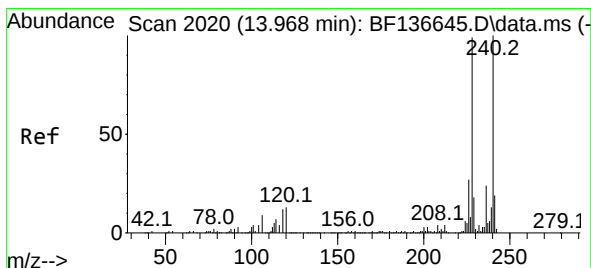
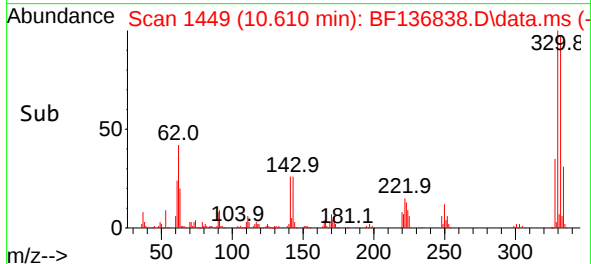
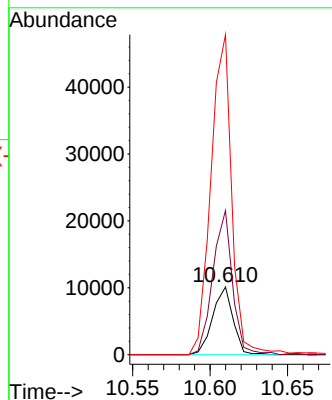
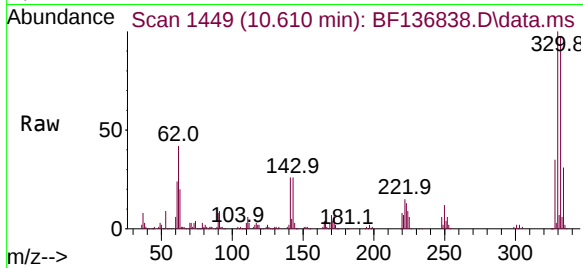




#67
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136838.D
Acq: 29 Dec 2023 19:47

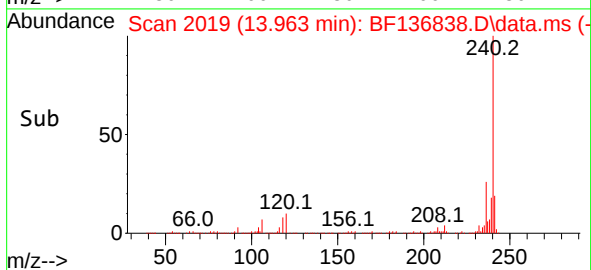
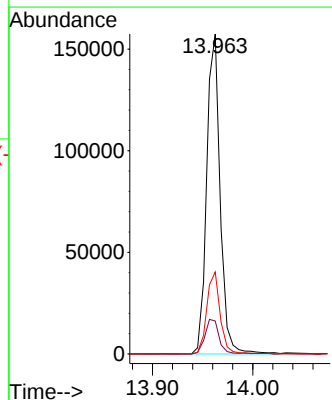
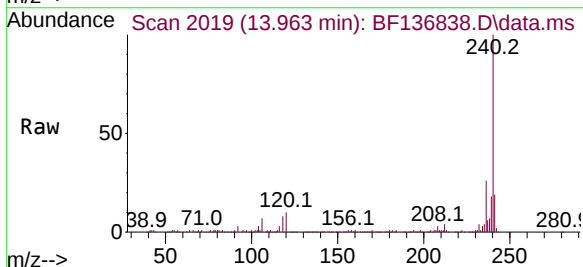
Instrument :
BNA_F
ClientSampleId :
GHL-SS-30

Tgt Ion:248 Resp: 9255
Ion Ratio Lower Upper
248 100
250 213.0 77.8 116.6#
141 472.8 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: BF136838.D
Acq: 29 Dec 2023 19:47

Tgt Ion:240 Resp: 147482
Ion Ratio Lower Upper
240 100
120 10.3 10.3 15.5#
236 25.6 19.4 29.2

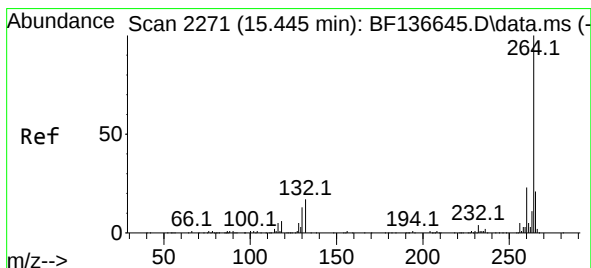
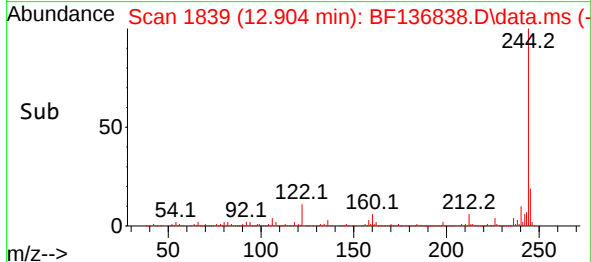
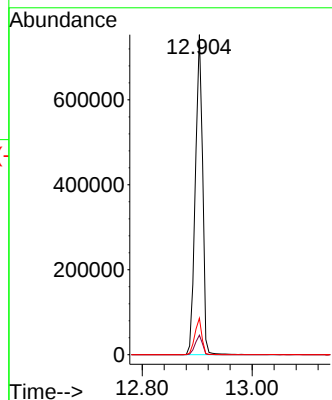
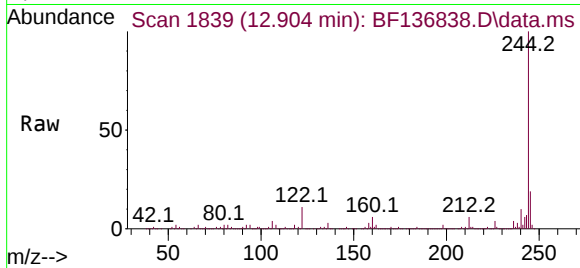




#79
 Terphenyl-d14
 Concen: 64.768 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136838.D
 Acq: 29 Dec 2023 19:47

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-30

Tgt Ion:244 Resp: 683535
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 11.4 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: BF136838.D
 Acq: 29 Dec 2023 19:47

Tgt Ion:264 Resp: 139085
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.3 27.5
 265 19.6 17.0 25.6

