

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136860.D
 Acq On : 30 Dec 2023 08:23
 Operator : CG\JU
 Sample : 05897-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-20

Quant Time: Jan 01 00:32:49 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)

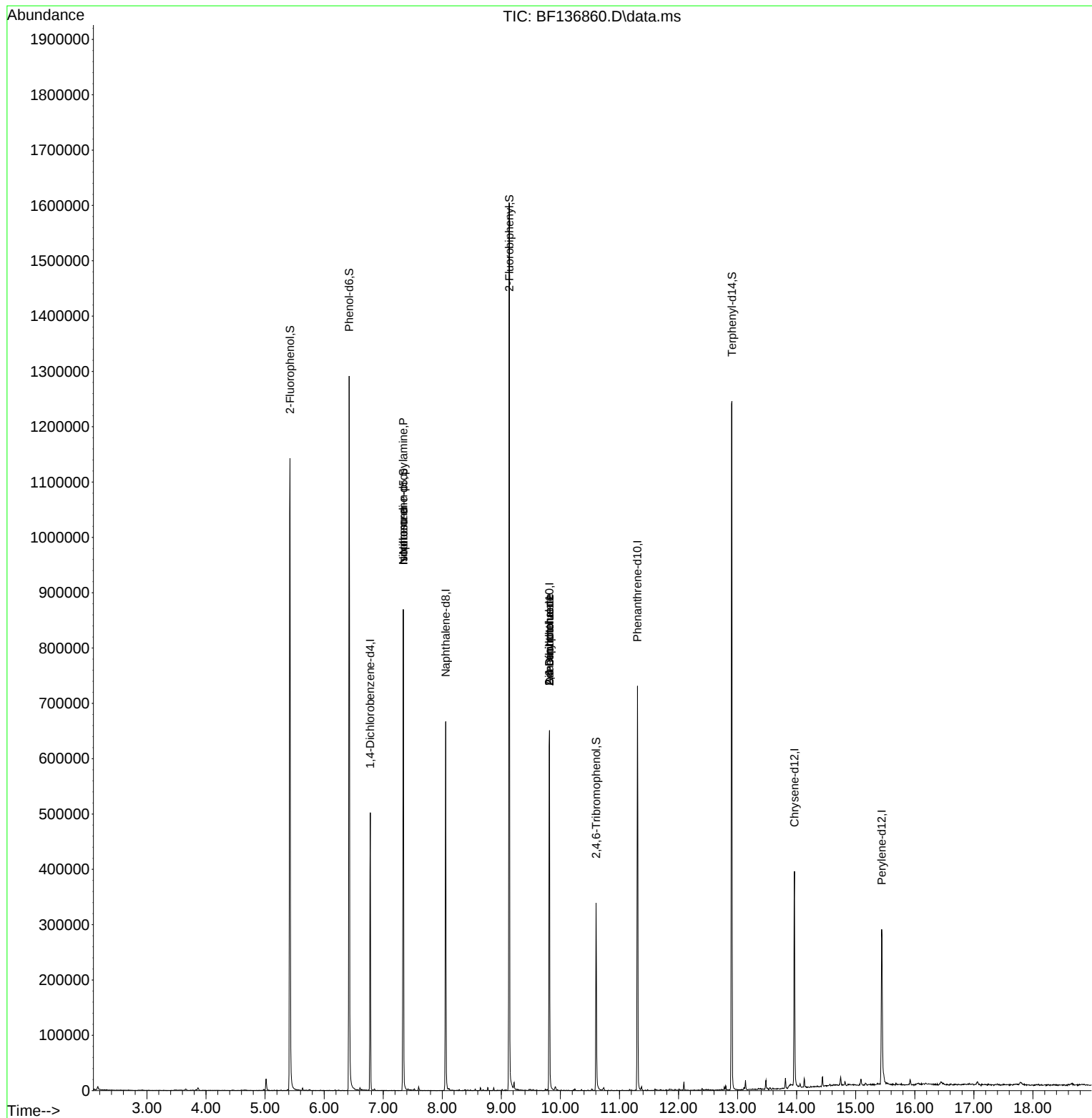
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	71569	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	276602	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	141507	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	266903	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	141164	20.000	ng	0.00
86) Perylene-d12	15.439	264	143974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	327357	71.368	ng	0.00
7) Phenol-d6	6.422	99	428468	72.090	ng	-0.02
23) Nitrobenzene-d5	7.340	82	260057	48.110	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	43402	26.043	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	468128	44.494	ng	-0.02
79) Terphenyl-d14	12.904	244	477883	47.309	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	34408	9.550	ng	# 76
25) Isophorone	7.340	82	260053	26.440	ng	# 65
50) Dimethylphthalate	9.816	163	28146	2.723	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18822	8.024	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	18822	6.181	ng	# 21

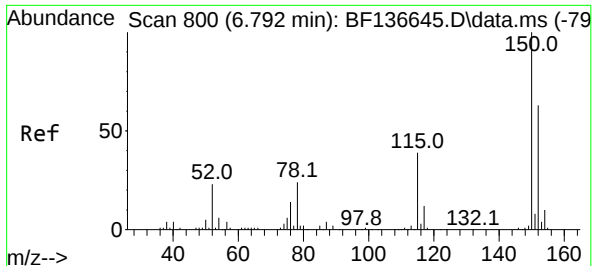
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

Quant Time: Jan 01 00:32:49 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

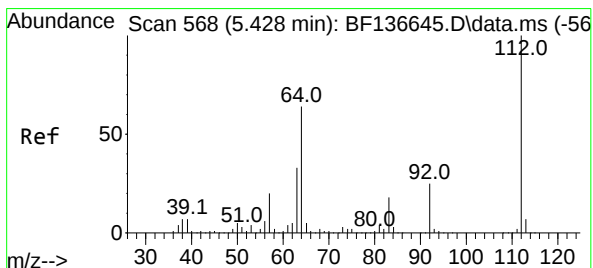
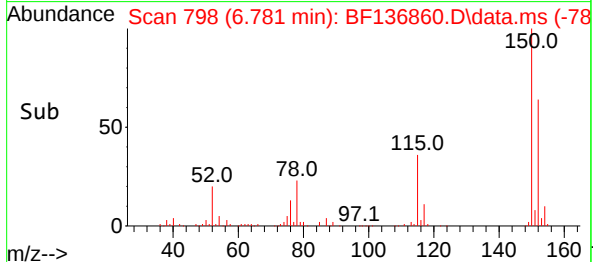
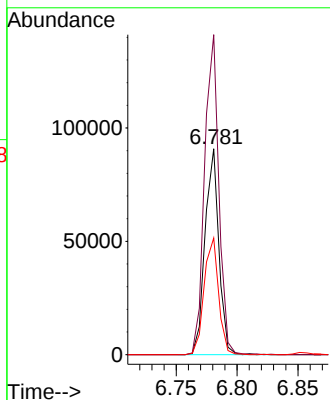
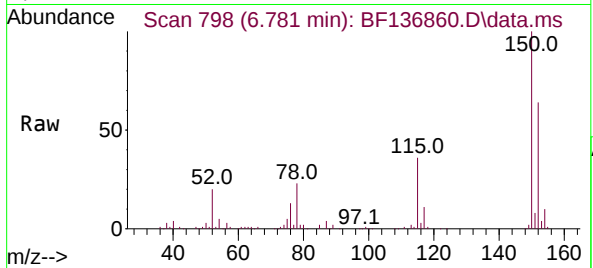




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

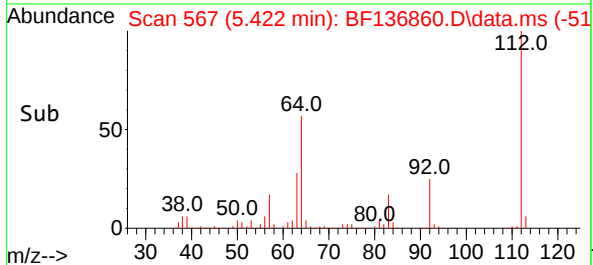
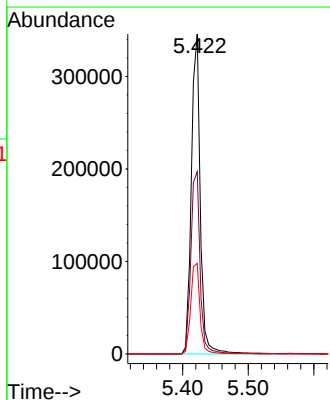
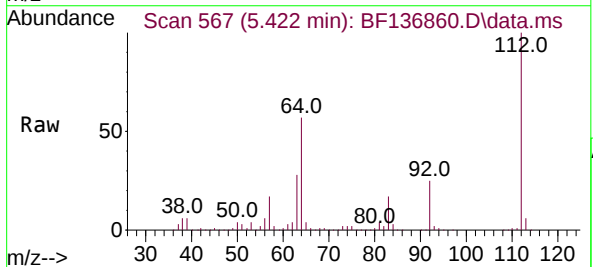
Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

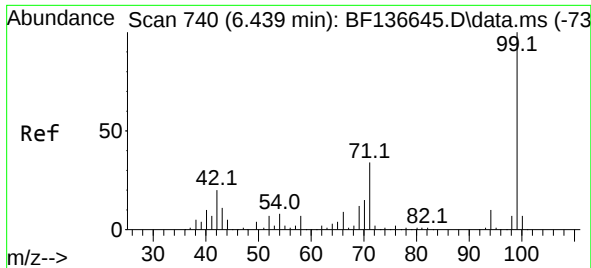
Tgt Ion:152 Resp: 71569
Ion Ratio Lower Upper
152 100
150 155.4 127.0 190.6
115 56.6 49.0 73.4



#5
2-Fluorophenol
Concen: 71.368 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

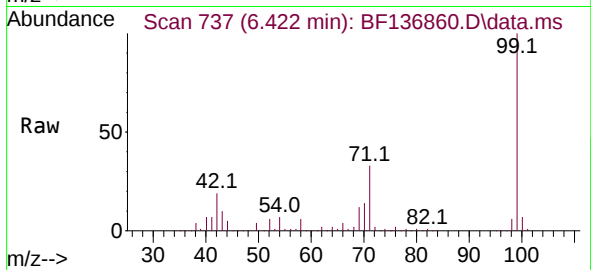
Tgt Ion:112 Resp: 327357
Ion Ratio Lower Upper
112 100
64 56.9 51.1 76.7
63 28.3 26.1 39.1





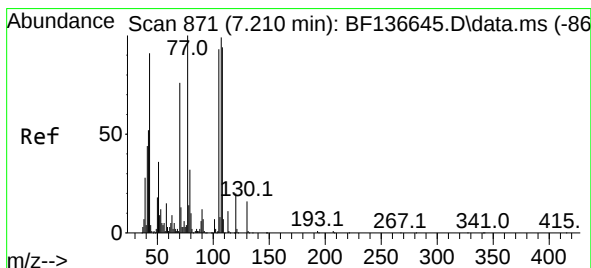
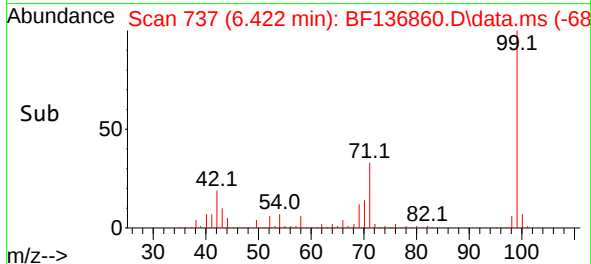
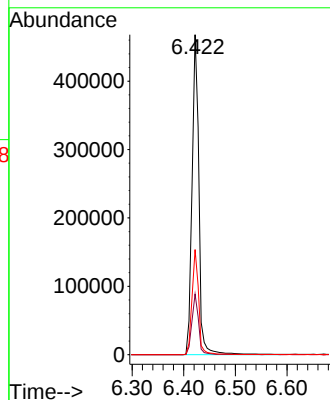
#7
Phenol-d6
Concen: 72.090 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Instrument :
BNA_F
ClientSampleId :
GHL-SS-20



Tgt Ion: 99 Resp: 428468

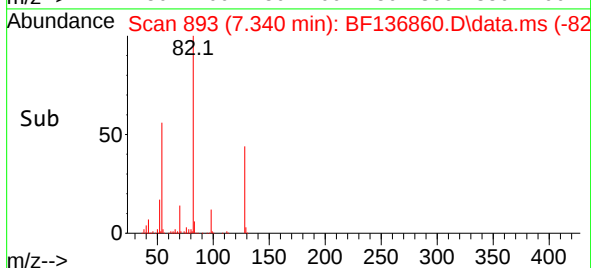
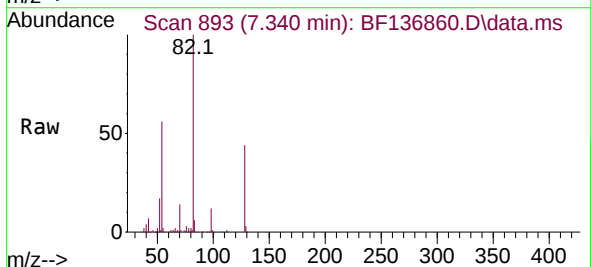
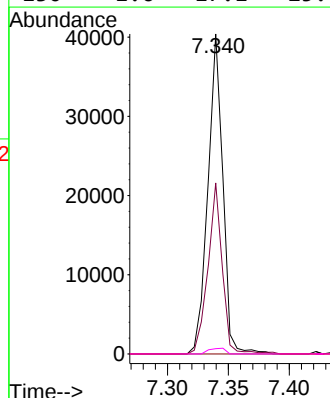
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.1	24.1
71	32.8	27.4	41.2

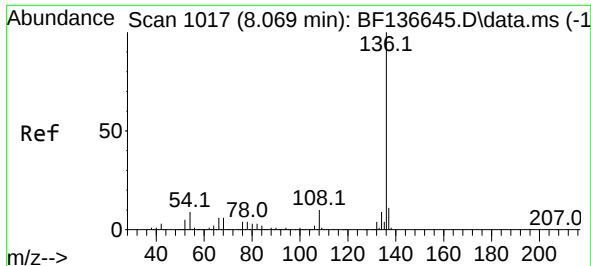


#19
n-Nitroso-di-n-propylamine
Concen: 9.550 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion: 70 Resp: 34408

Ion	Ratio	Lower	Upper
70	100		
42	53.5	54.2	81.4#
101	0.0	7.6	11.4#
130	1.6	17.1	25.7#



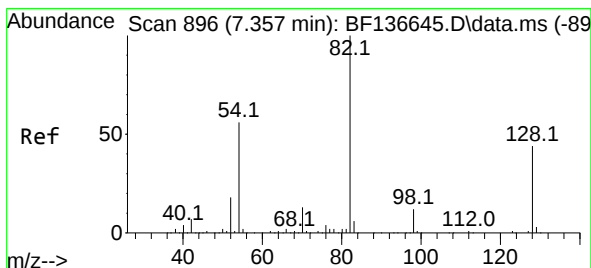
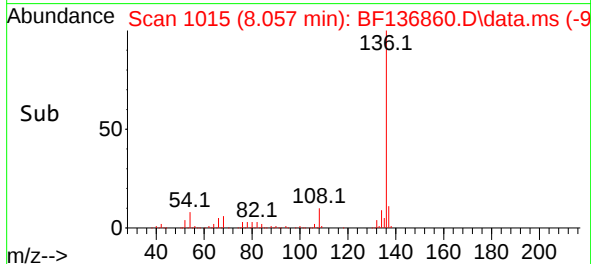
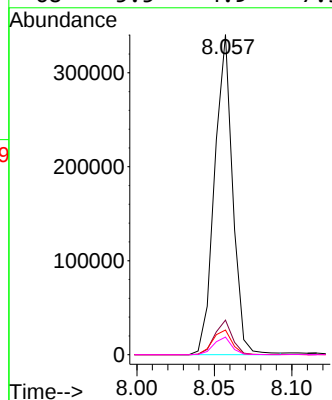
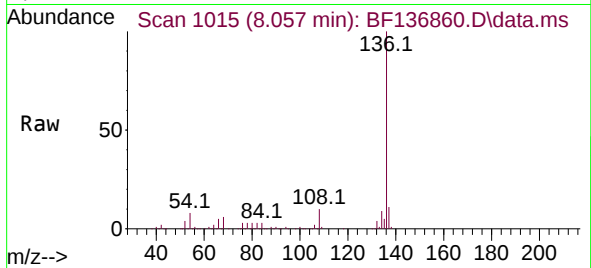


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

Tgt Ion:136 Resp: 276602

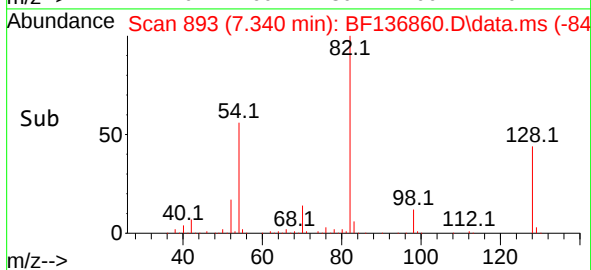
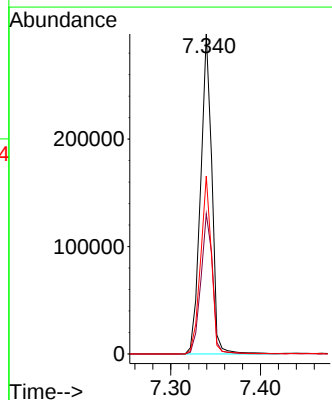
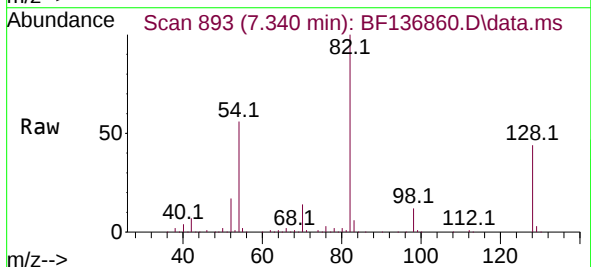
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	7.7	7.2	10.8
68	5.5	4.9	7.3

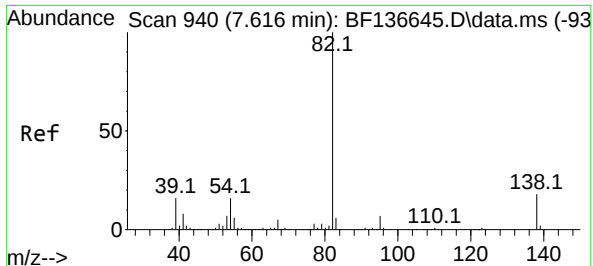


#23
Nitrobenzene-d5
Concen: 48.110 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion: 82 Resp: 260057

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.3	52.9
54	55.6	44.5	66.7

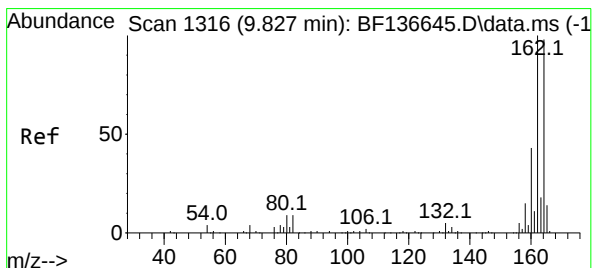
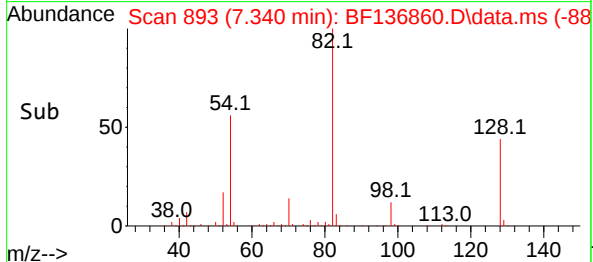
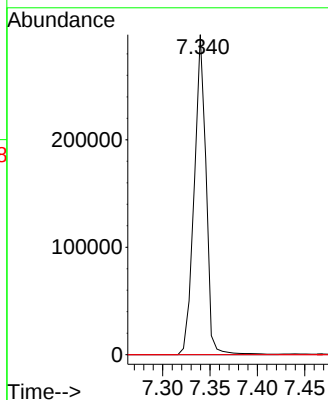
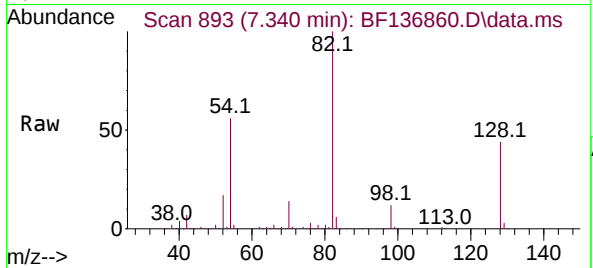




#25
Isophorone
Concen: 26.440 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

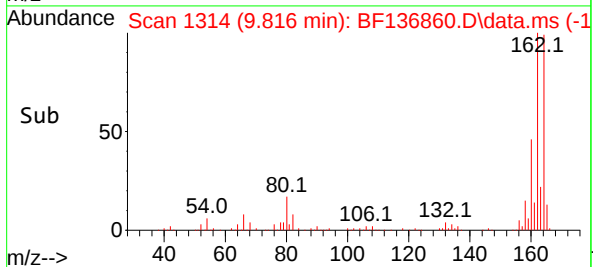
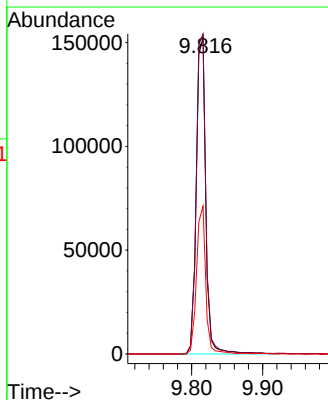
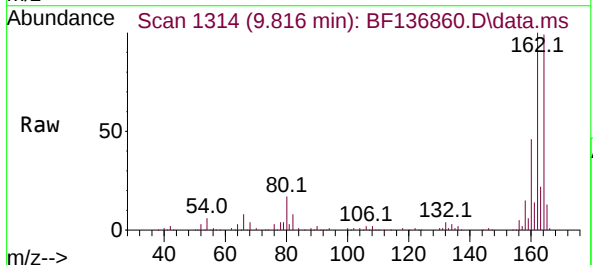
Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

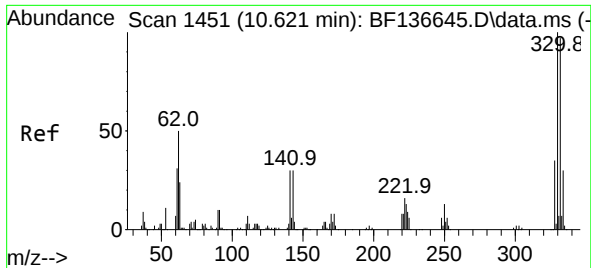
Tgt Ion: 82 Resp: 260053
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion:164 Resp: 141507
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 46.7 34.9 52.3

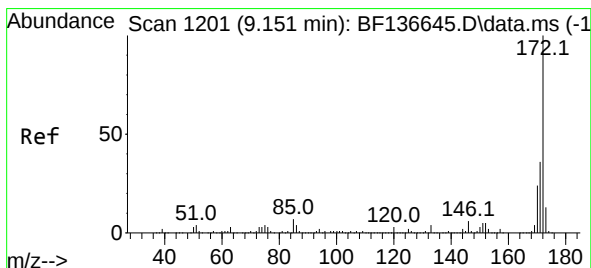
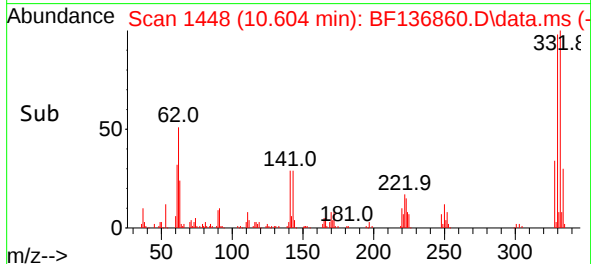
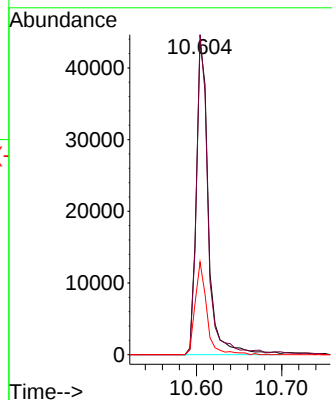
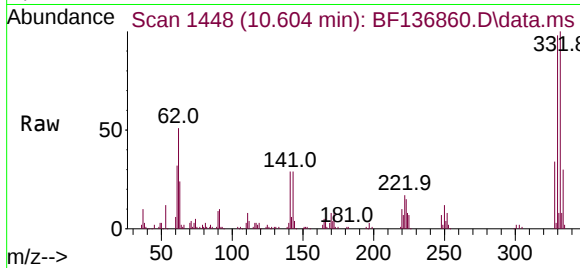




#42
2,4,6-Tribromophenol
Concen: 26.043 ng
RT: 10.604 min Scan# 1451
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

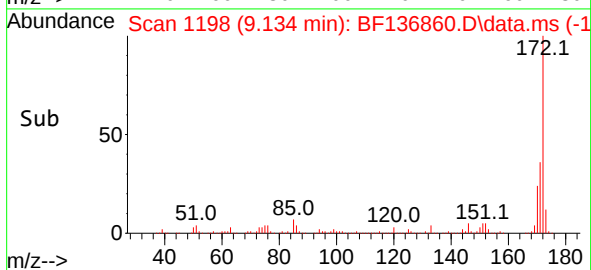
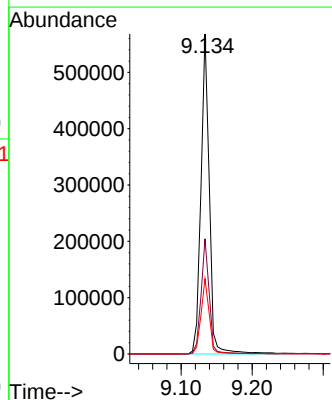
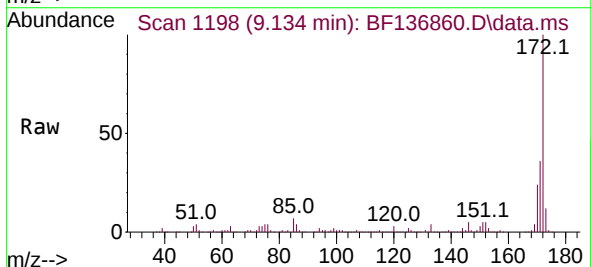
Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

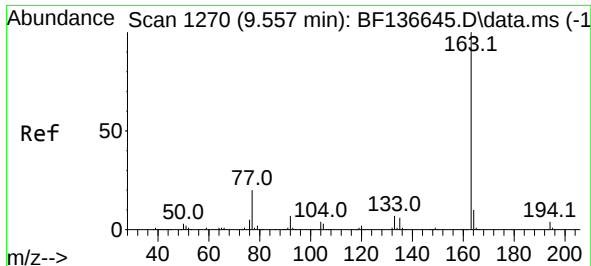
Tgt Ion:330 Resp: 43402
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 44.494 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion:172 Resp: 468128
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.5 19.0 28.4

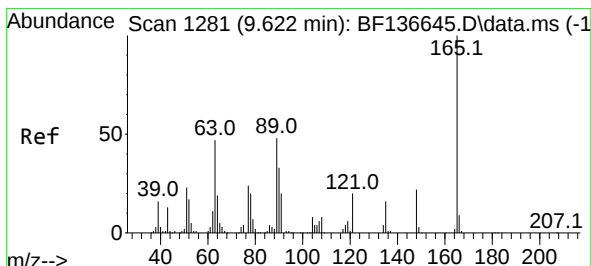
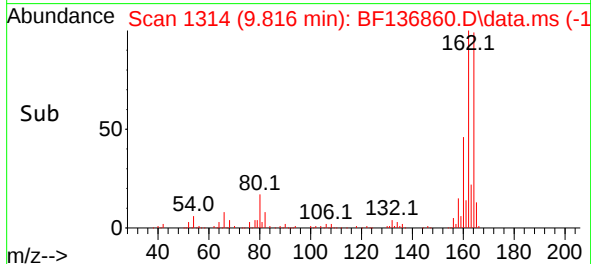
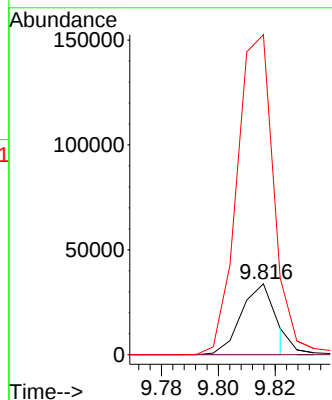
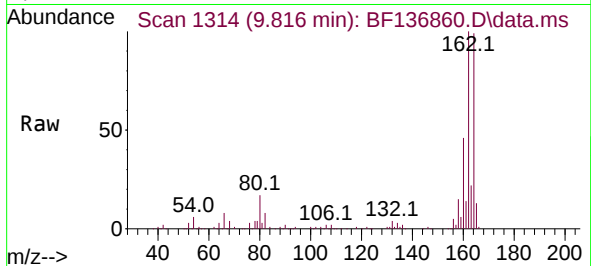




#50
Dimethylphthalate
Concen: 2.723 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

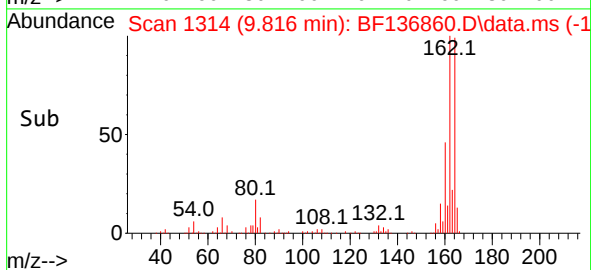
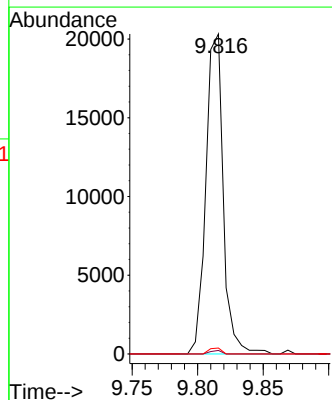
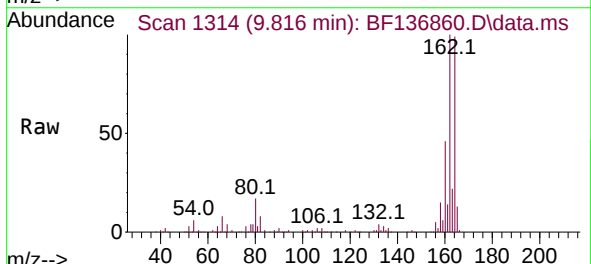
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BNA_F
ClientSampleId :
GHL-SS-20

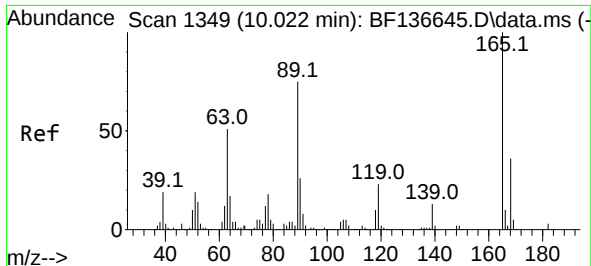
Tgt Ion:163 Resp: 28146
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 451.6 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 8.024 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

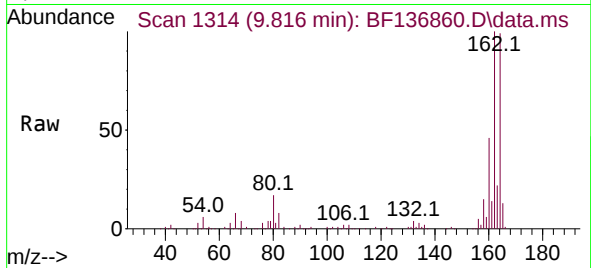
Tgt Ion:165 Resp: 18822
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.8 38.8 58.2#



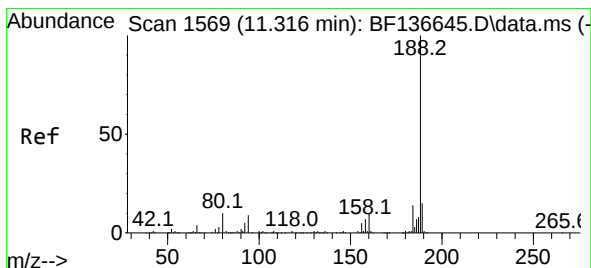
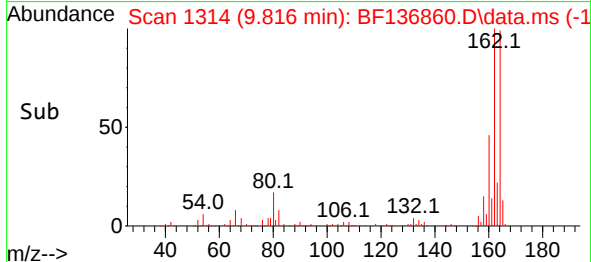
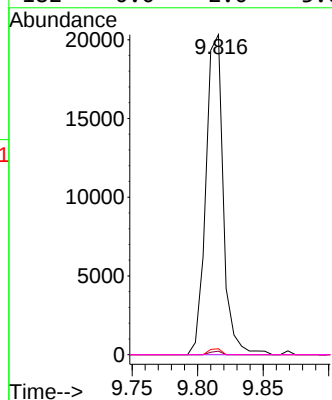


#57
2,4-Dinitrotoluene
Concen: 6.181 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

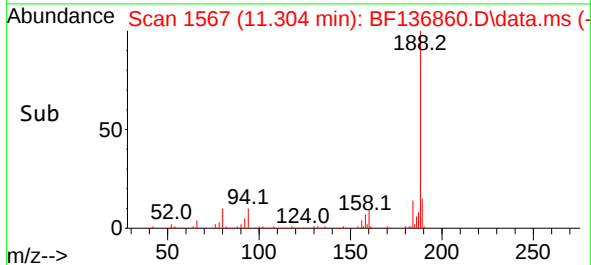
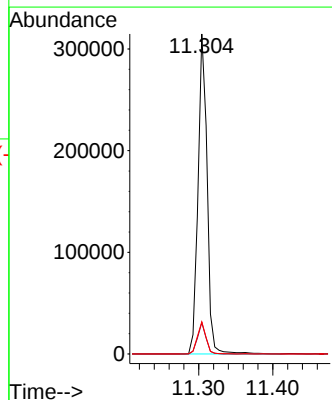
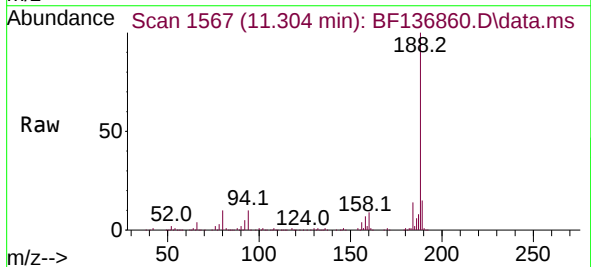


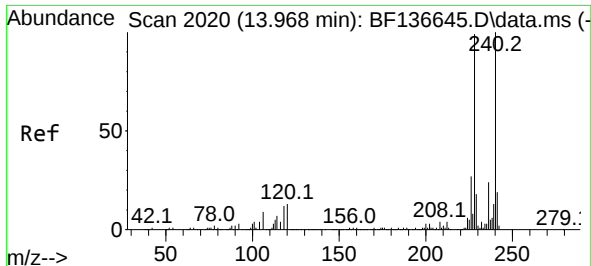
Tgt Ion:165 Resp: 18822
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.8 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion:188 Resp: 266903
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.1 8.1 12.1

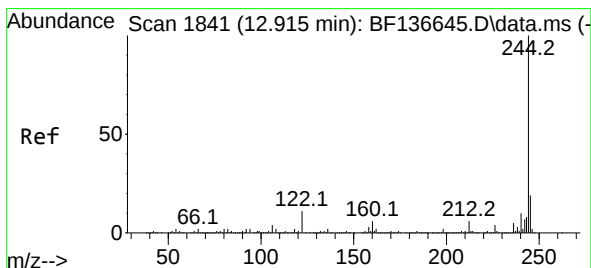
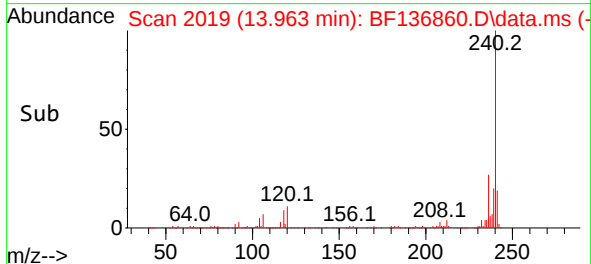
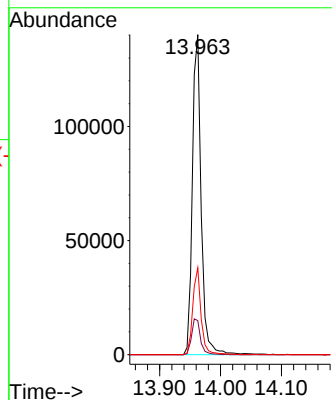
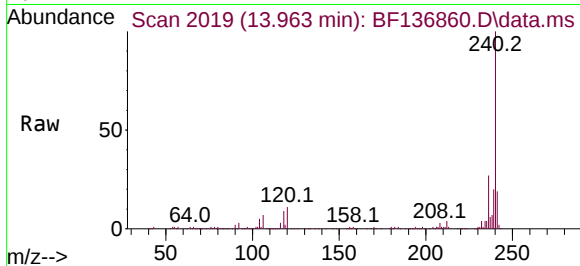




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

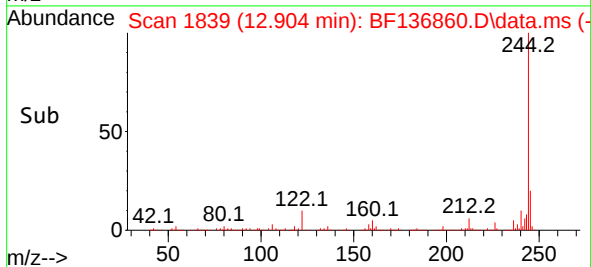
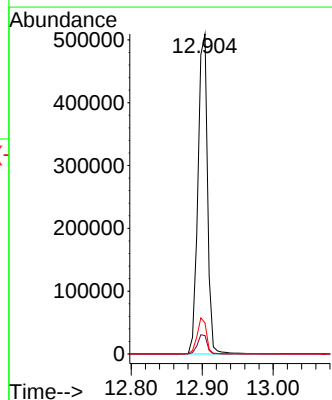
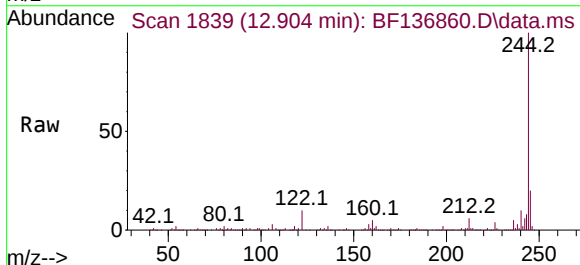
Instrument :
BNA_F
ClientSampleId :
GHL-SS-20

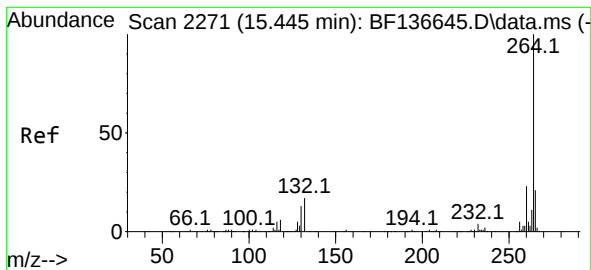
Tgt Ion:240 Resp: 141164
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 27.2 19.4 29.2



#79
Terphenyl-d14
Concen: 47.309 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136860.D
Acq: 30 Dec 2023 08:23

Tgt Ion:244 Resp: 477883
Ion Ratio Lower Upper
244 100
212 5.8 5.0 7.4
122 9.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136860.D
 Acq: 30 Dec 2023 08:23

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-20

Tgt Ion:264 Resp: 143974

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	21.9	17.0	25.6

