

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136896.D
 Acq On : 03 Jan 2024 04:15
 Operator : CG\JU
 Sample : 05899-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-16-0-2

Quant Time: Jan 03 05:22:02 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)

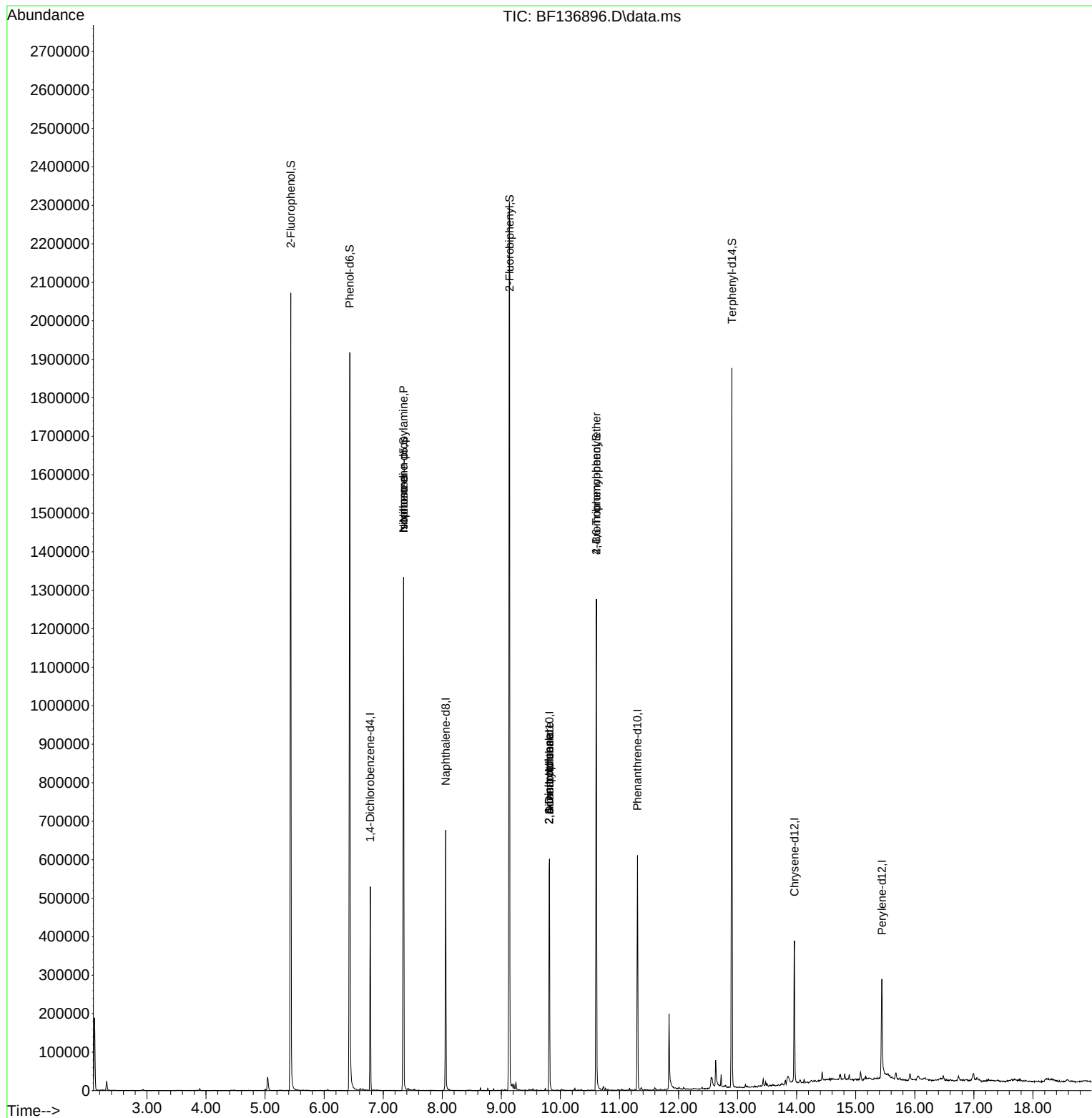
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72278	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	264400	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	128505	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	209953	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	132547	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	129374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	554063	119.607	ng	0.00
7) Phenol-d6	6.434	99	698029	116.291	ng	0.00
23) Nitrobenzene-d5	7.345	82	430573	83.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	164884	108.947	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	829331	86.801	ng	-0.01
79) Terphenyl-d14	12.904	244	646159	68.126	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	55648	15.294	ng	# 74
25) Isophorone	7.345	82	430634	45.803	ng	# 65
50) Dimethylphthalate	9.816	163	26141	2.785	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	16363	7.681	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	16363	5.917	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	9823	4.213	ng	# 1

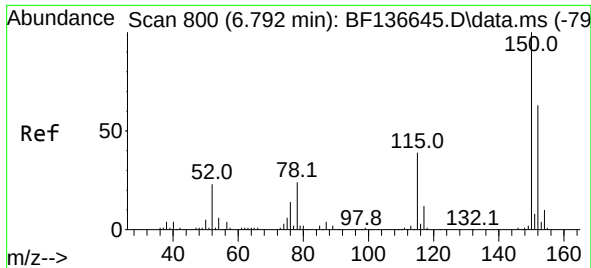
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

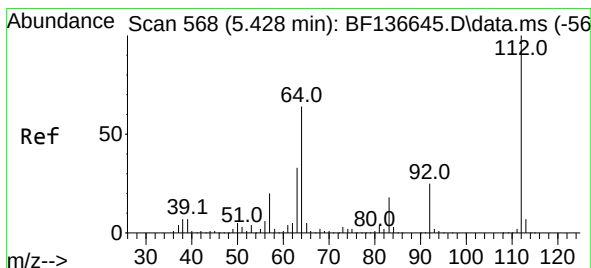
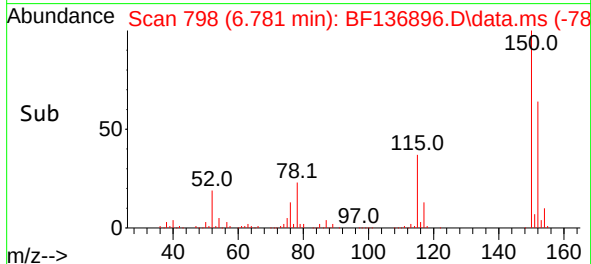
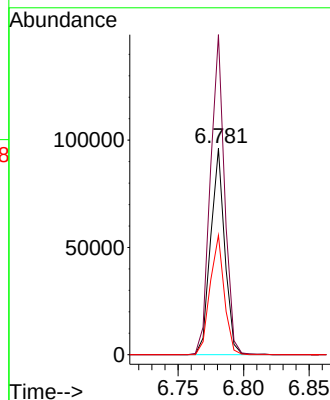
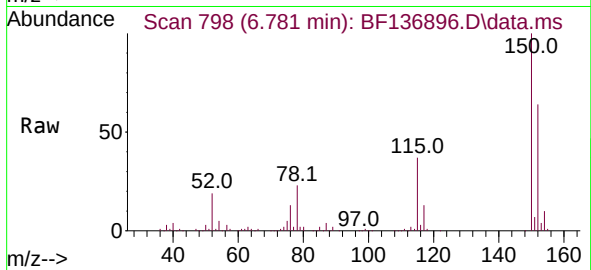




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

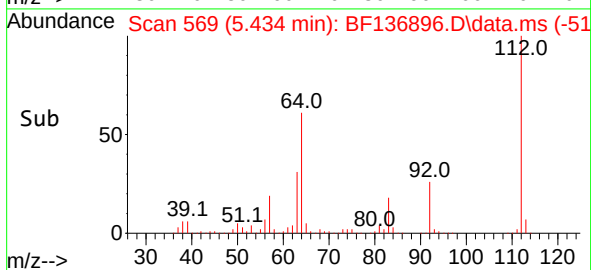
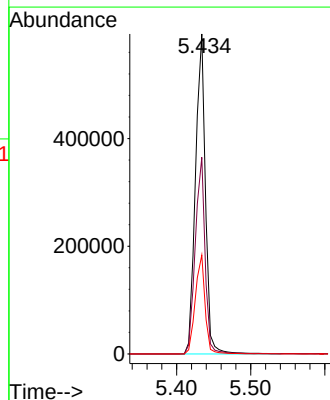
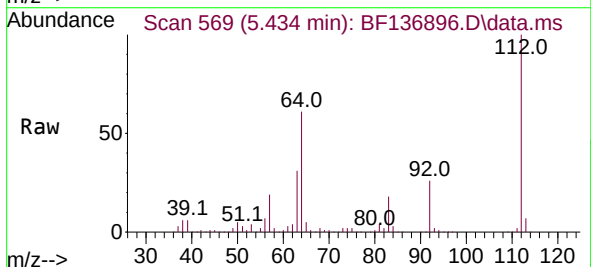
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

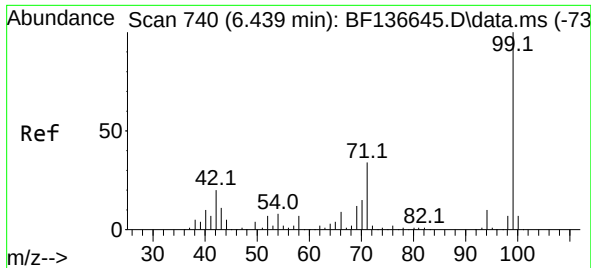
Tgt Ion:152 Resp: 72278
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 57.9 49.0 73.4



#5
2-Fluorophenol
Concen: 119.607 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Tgt Ion:112 Resp: 554063
Ion Ratio Lower Upper
112 100
64 61.4 51.1 76.7
63 30.9 26.1 39.1

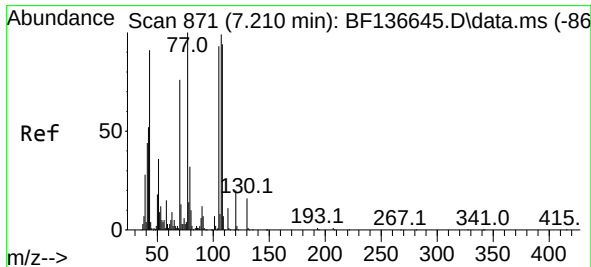
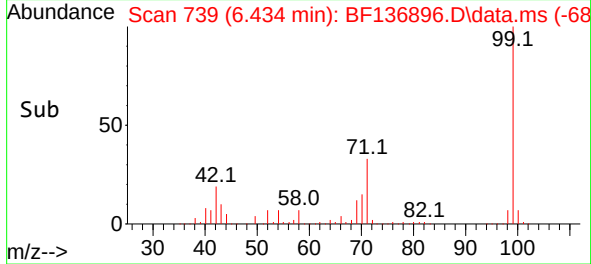
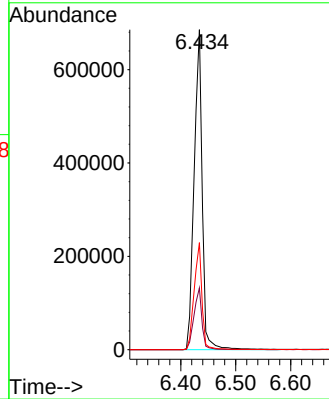
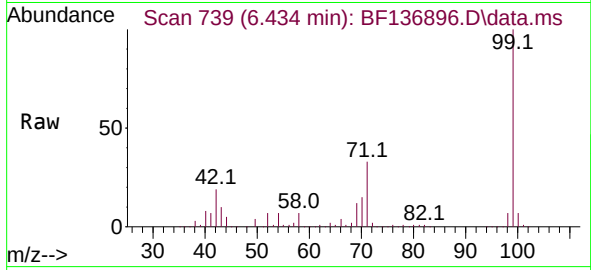




#7
Phenol-d6
Concen: 116.291 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

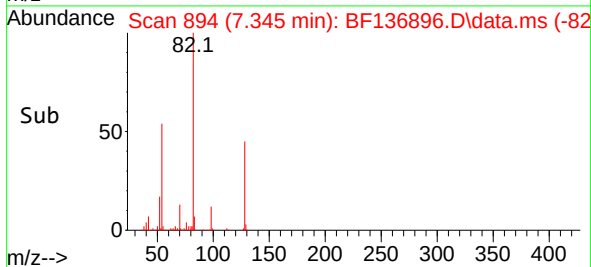
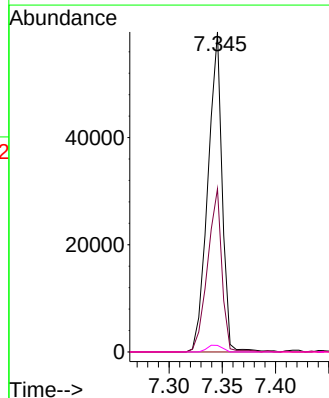
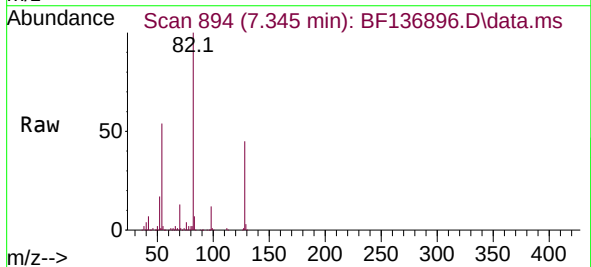
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

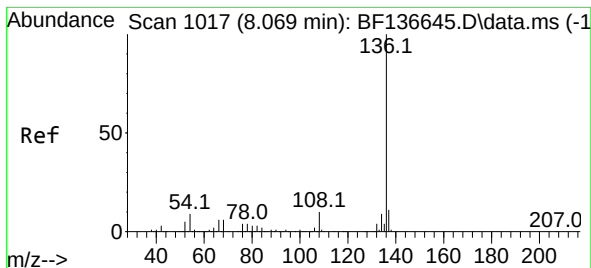
Tgt Ion: 99 Resp: 698029
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.4 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.294 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Tgt Ion: 70 Resp: 55648
Ion Ratio Lower Upper
70 100
42 51.0 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 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: BF136896.D

Acq: 03 Jan 2024 04:15

Instrument :

BNA_F

ClientSampleId :

GHL-SS-16-0-2

Tgt Ion:136 Resp: 264400

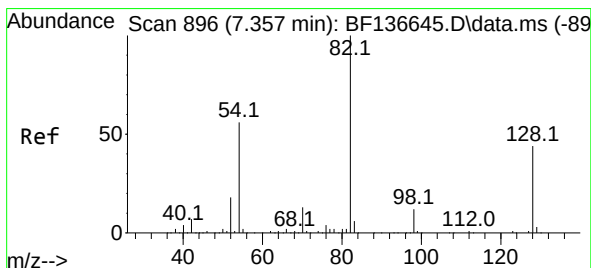
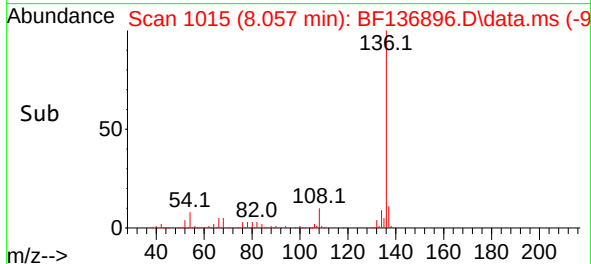
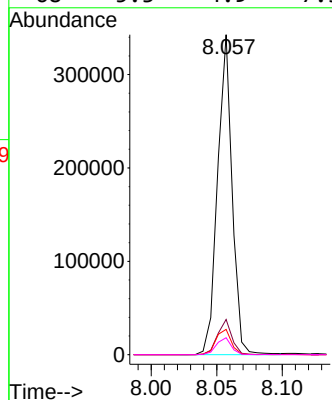
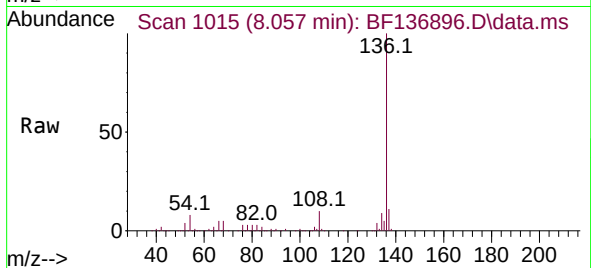
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.9 7.2 10.8

68 5.3 4.9 7.3



#23

Nitrobenzene-d5

Concen: 83.332 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136896.D

Acq: 03 Jan 2024 04:15

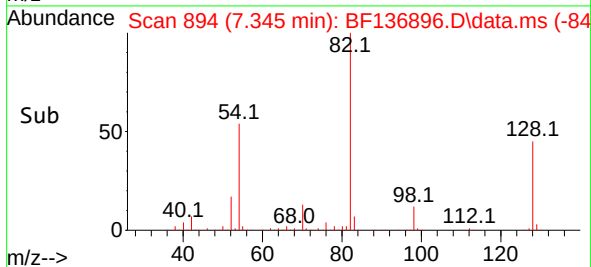
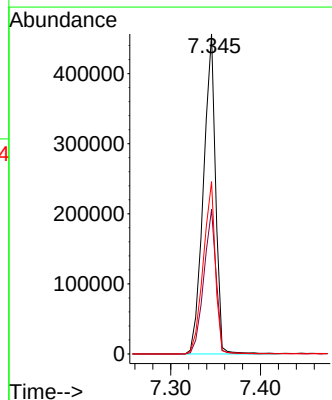
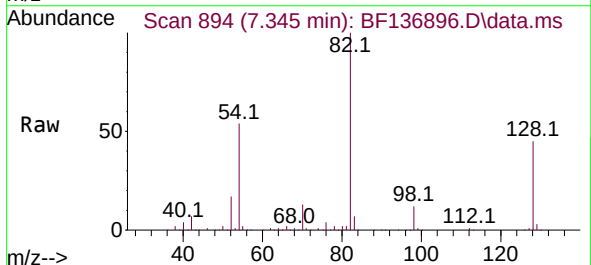
Tgt Ion: 82 Resp: 430573

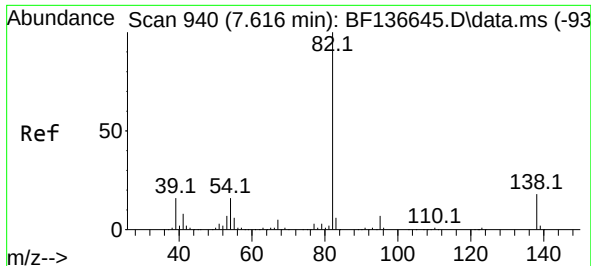
Ion Ratio Lower Upper

82 100

128 45.1 35.3 52.9

54 53.9 44.5 66.7

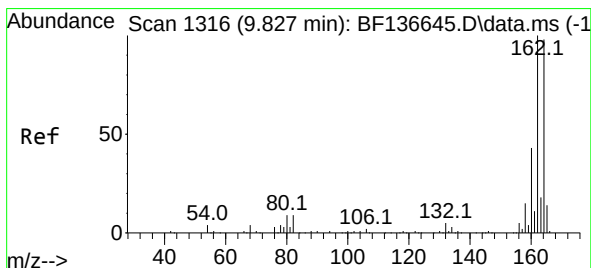
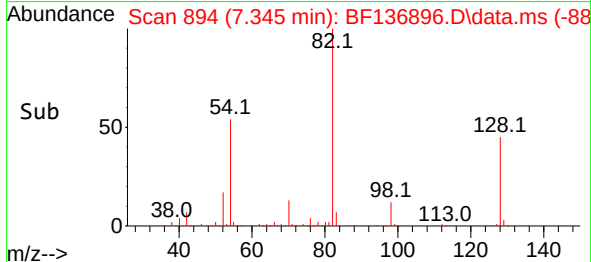
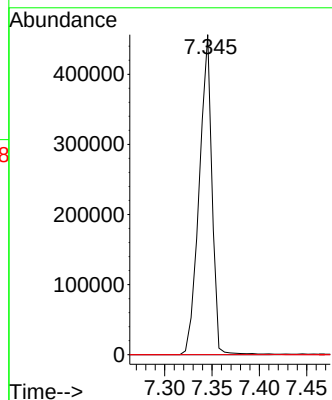
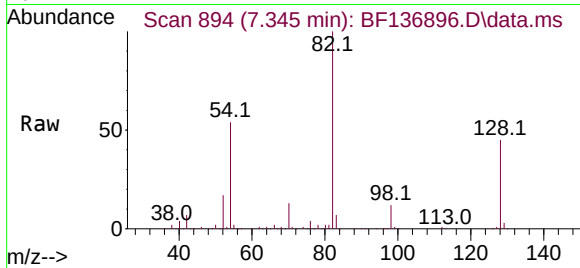




#25
Isophorone
Concen: 45.803 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

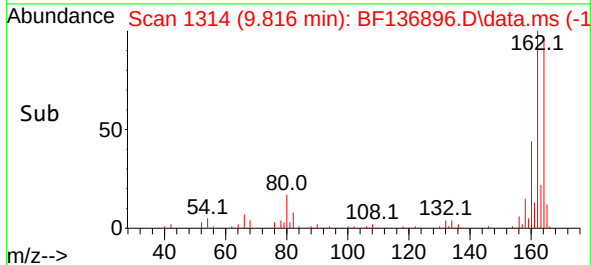
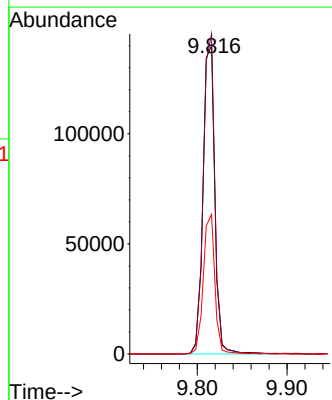
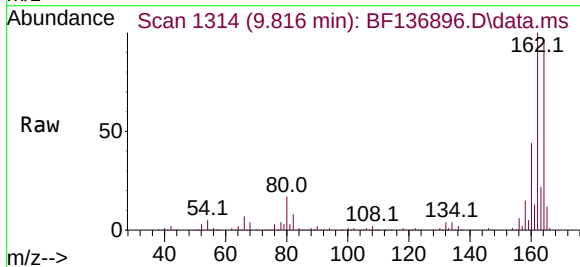
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

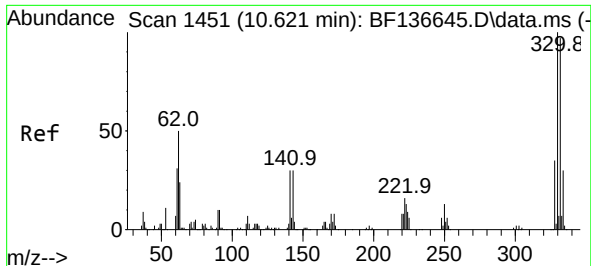
Tgt Ion: 82 Resp: 430634
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

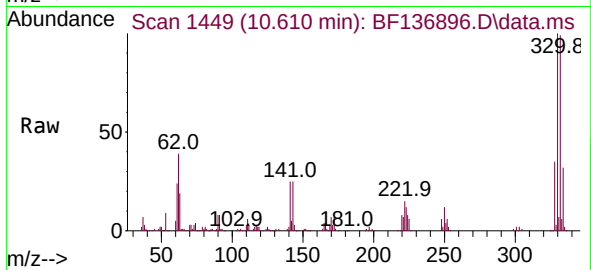
Tgt Ion:164 Resp: 128505
Ion Ratio Lower Upper
164 100
162 103.8 81.6 122.4
160 45.3 34.9 52.3



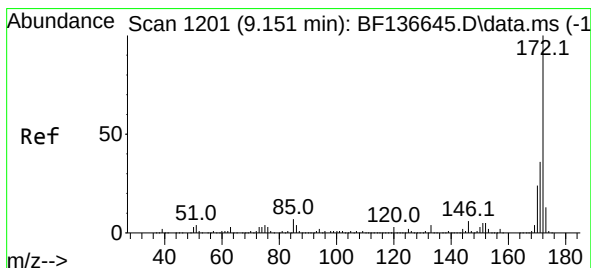
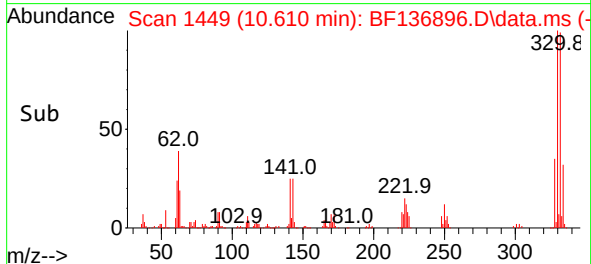
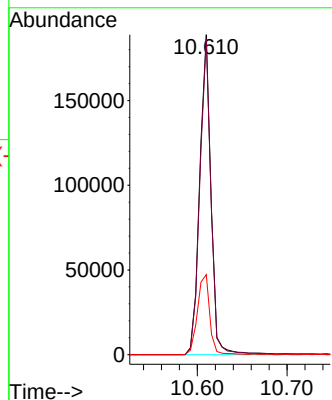


#42
2,4,6-Tribromophenol
Concen: 108.947 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

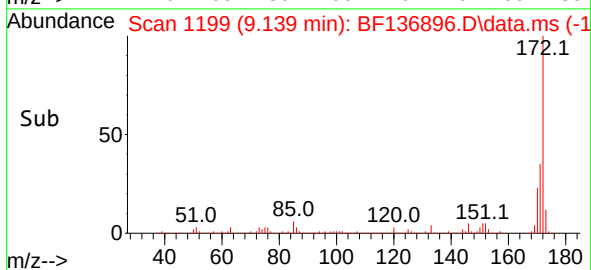
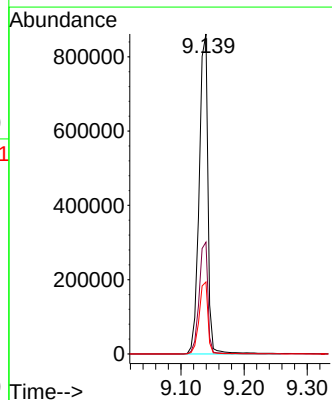
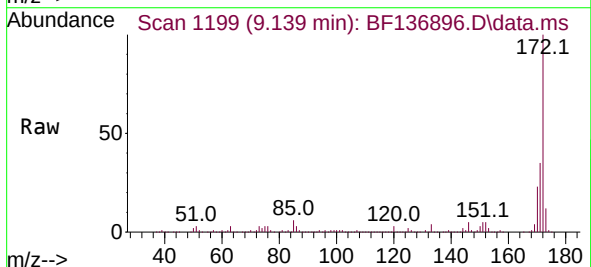


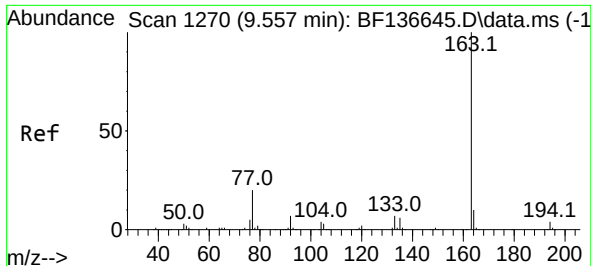
Tgt Ion: 330 Resp: 164884
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.0
141 27.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 86.801 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Tgt Ion: 172 Resp: 829331
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 22.5 19.0 28.4

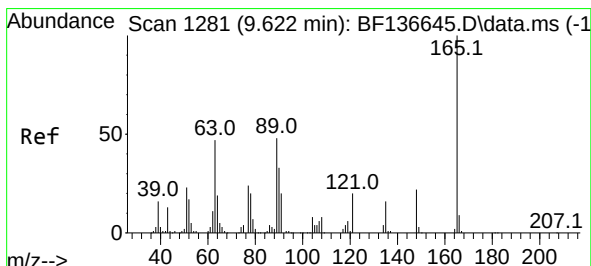
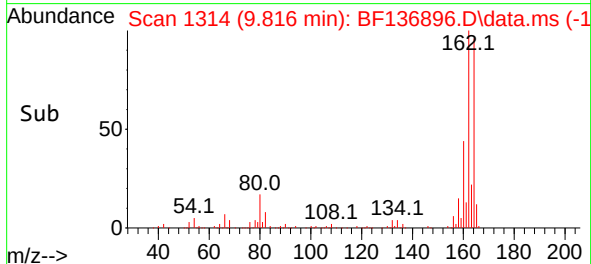
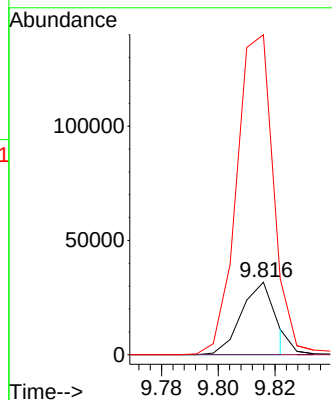
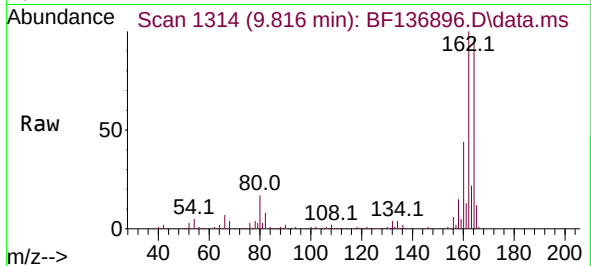




#50
Dimethylphthalate
Concen: 2.785 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

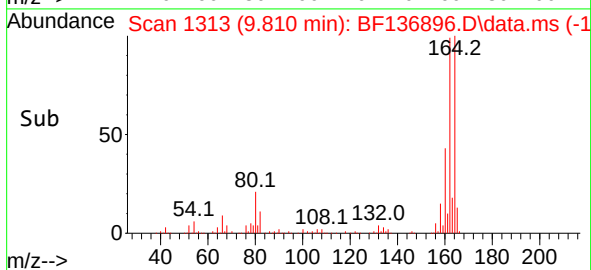
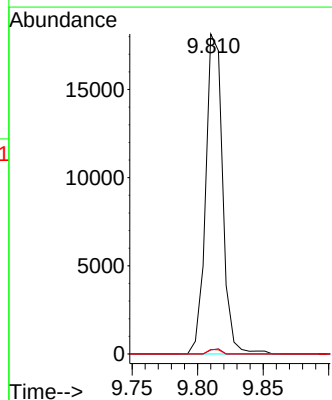
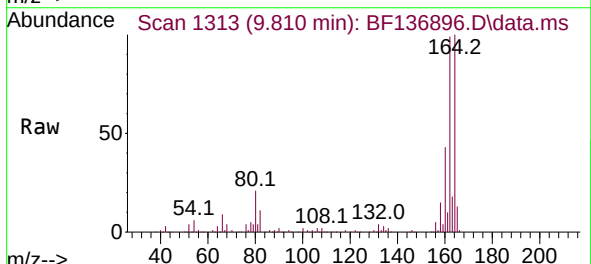
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GHL-SS-16-0-2

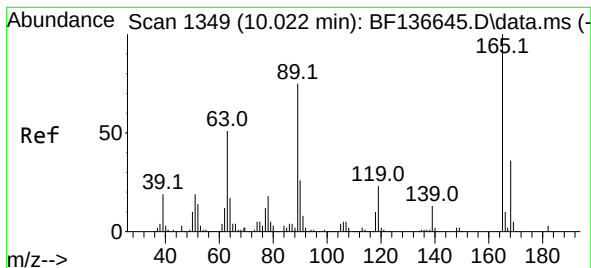
Tgt Ion:163 Resp: 26141
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 441.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.681 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Tgt Ion:165 Resp: 16363
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.4 38.8 58.2#

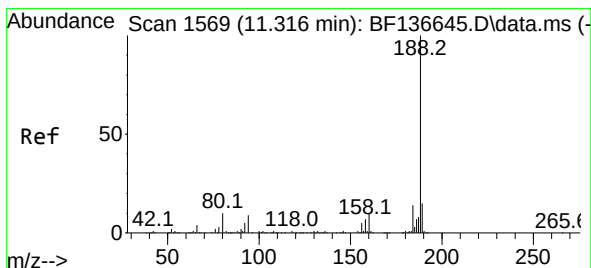
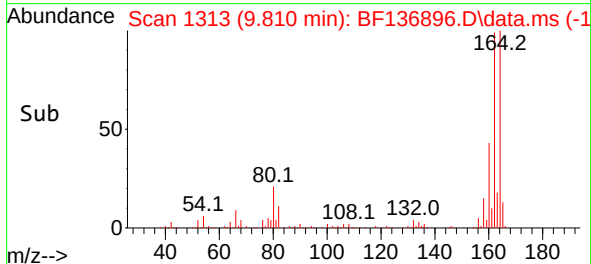
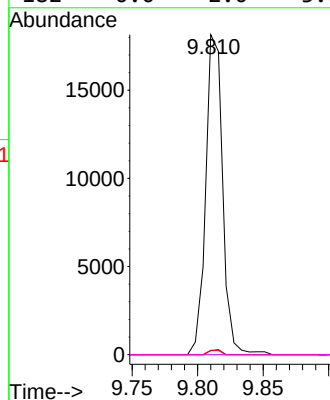
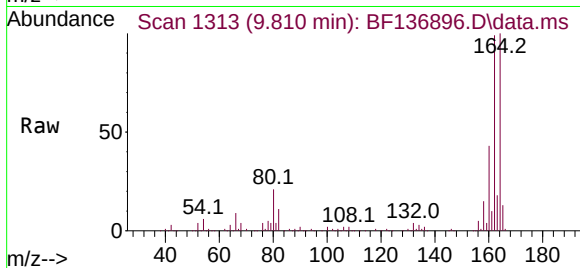




#57
2,4-Dinitrotoluene
Concen: 5.917 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

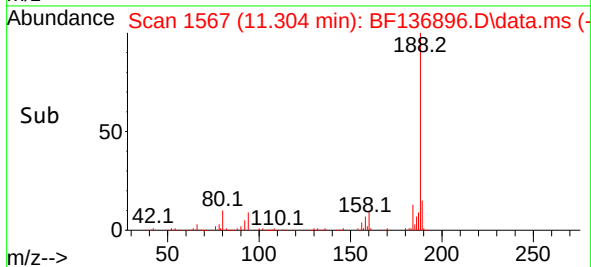
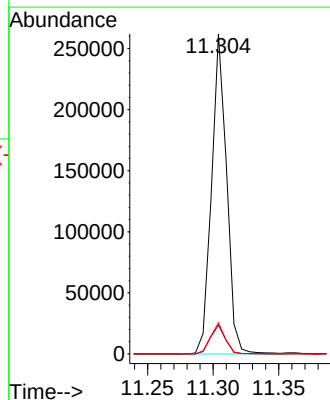
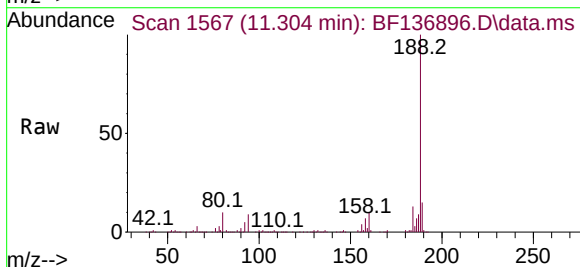
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

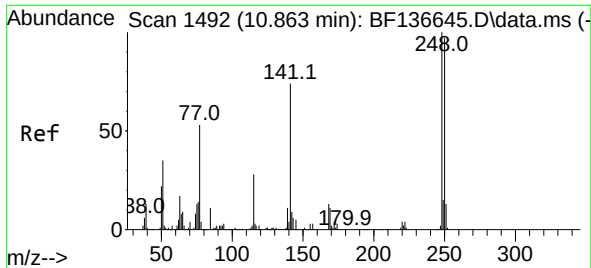
Tgt Ion:165 Resp: 16363
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.4 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Tgt Ion:188 Resp: 209953
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.7 8.1 12.1

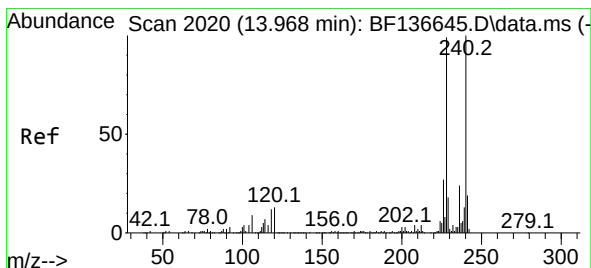
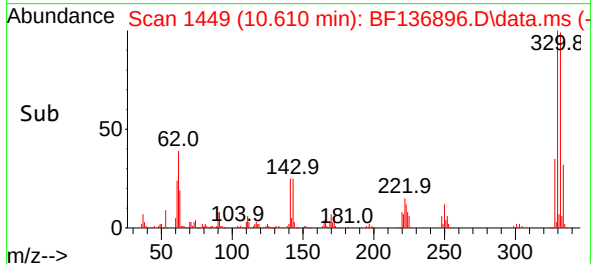
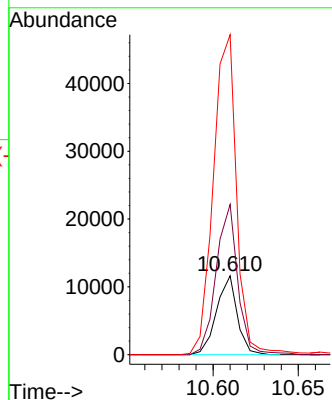
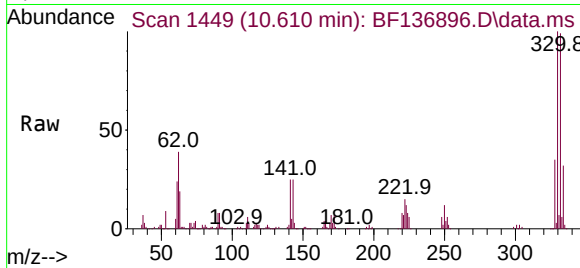




#67
4-Bromophenyl-phenylether
Concen: 4.213 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

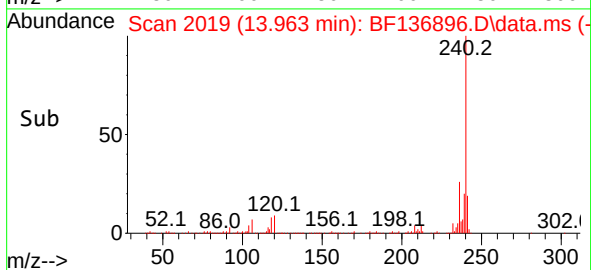
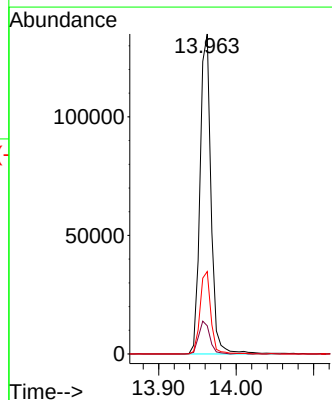
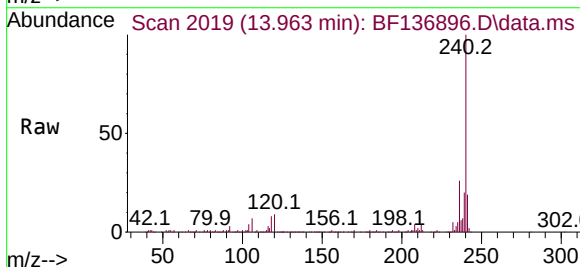
Instrument :
BNA_F
ClientSampleId :
GHL-SS-16-0-2

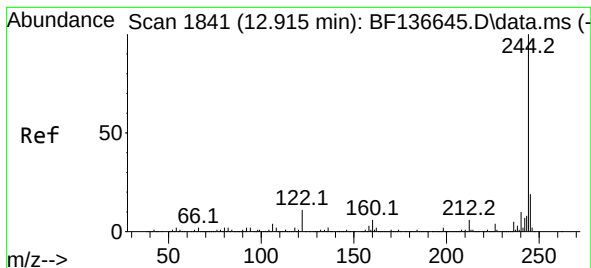
Tgt Ion:248 Resp: 9823
Ion Ratio Lower Upper
248 100
250 190.6 77.8 116.6#
141 406.0 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136896.D
Acq: 03 Jan 2024 04:15

Tgt Ion:240 Resp: 132547
Ion Ratio Lower Upper
240 100
120 8.8 10.3 15.5#
236 25.8 19.4 29.2





#79

Terphenyl-d14

Concen: 68.126 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136896.D

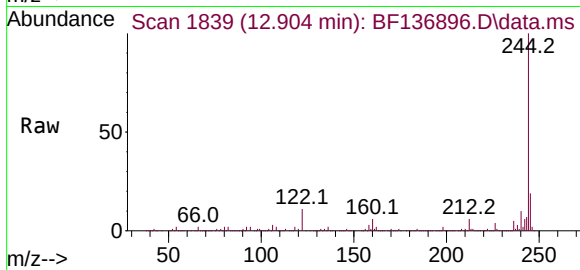
Acq: 03 Jan 2024 04:15

Instrument :

BNA_F

ClientSampleId :

GHL-SS-16-0-2



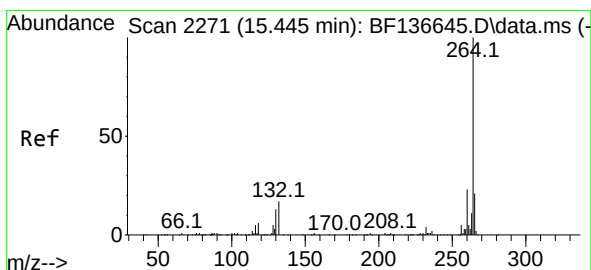
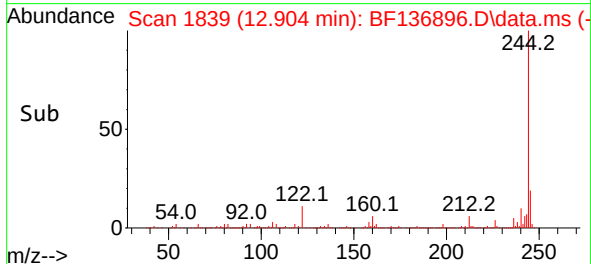
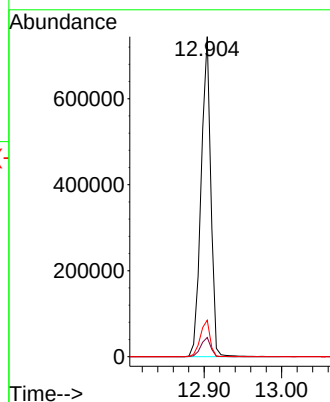
Tgt Ion:244 Resp: 646159

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 11.4 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: BF136896.D

Acq: 03 Jan 2024 04:15

Tgt Ion:264 Resp: 129374

Ion Ratio Lower Upper

264 100

260 20.9 18.3 27.5

265 21.5 17.0 25.6

