

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136915.D
 Acq On : 03 Jan 2024 19:16
 Operator : CG\JU
 Sample : 05899-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-10-2-4

Quant Time: Jan 04 03:41:10 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)

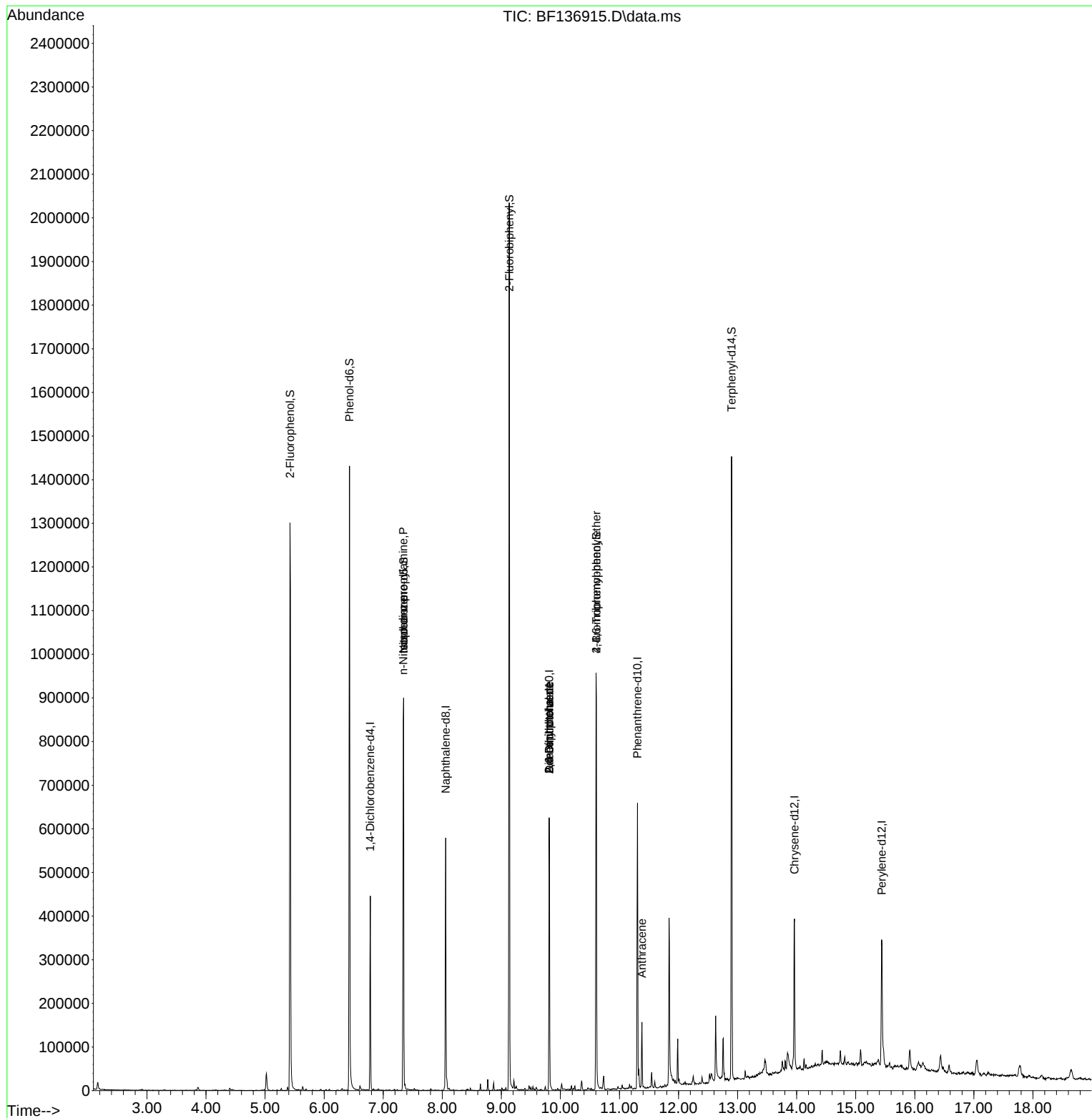
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60705	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	238706	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	122895	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	221435	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	125084	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	142358	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	372402	95.718	ng	0.00
7) Phenol-d6	6.428	99	464602	92.159	ng	-0.01
23) Nitrobenzene-d5	7.345	82	292125	62.622	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	128628	88.871	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	604744	66.184	ng	-0.02
79) Terphenyl-d14	12.898	244	522476	58.372	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.340	70	37834	12.380	ng	# 75
25) Isophorone	7.345	82	292122	34.415	ng	# 65
50) Dimethylphthalate	9.810	163	22089	2.461	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	15981	7.844	ng	# 30
57) 2,4-Dinitrotoluene	9.810	165	15981	6.043	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	8141	3.310	ng	# 1
72) Anthracene	11.380	178	56240	4.888	ng	99

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

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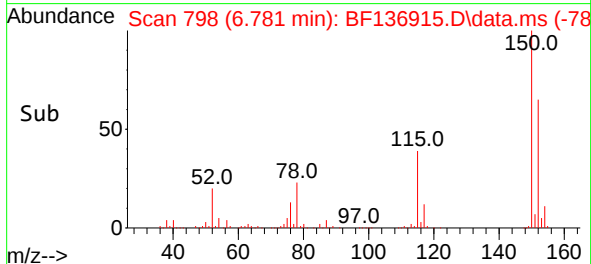
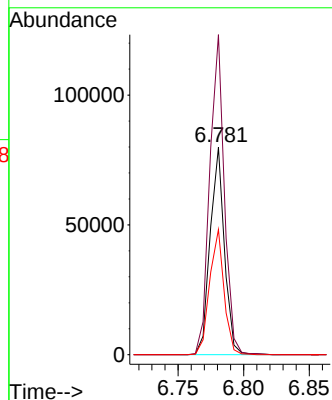
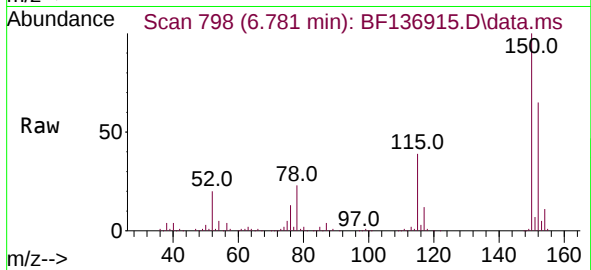




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136915.D
 Acq: 03 Jan 2024 19:16

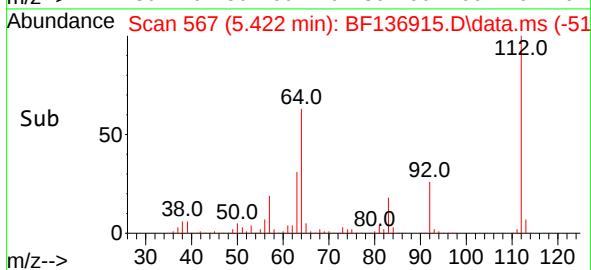
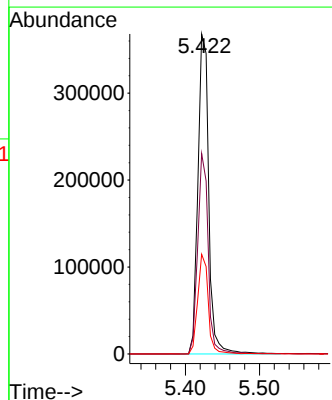
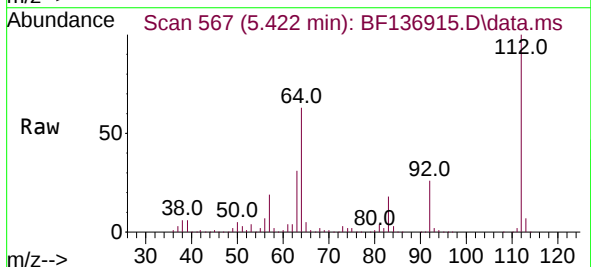
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-10-2-4

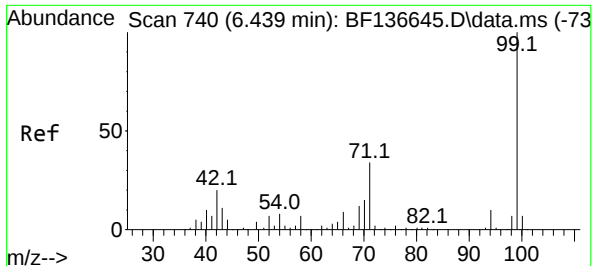
Tgt Ion:152 Resp: 60705
 Ion Ratio Lower Upper
 152 100
 150 154.3 127.0 190.6
 115 60.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 95.718 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.006 min
 Lab File: BF136915.D
 Acq: 03 Jan 2024 19:16

Tgt Ion:112 Resp: 372402
 Ion Ratio Lower Upper
 112 100
 64 62.7 51.1 76.7
 63 31.2 26.1 39.1

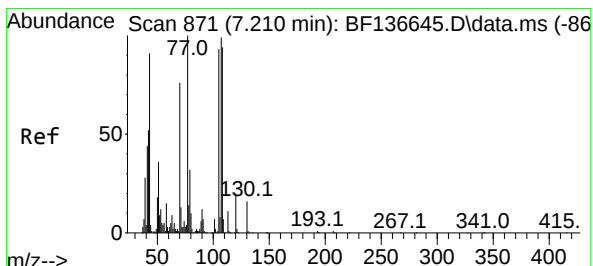
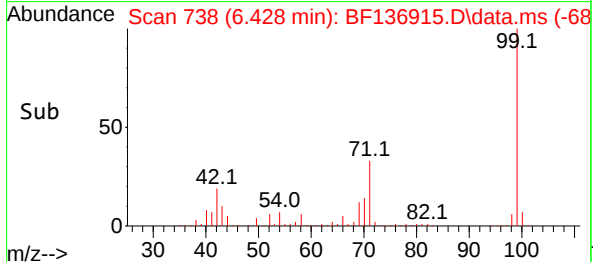
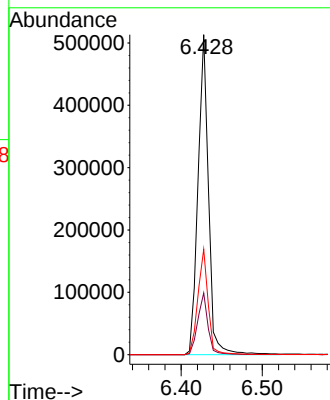
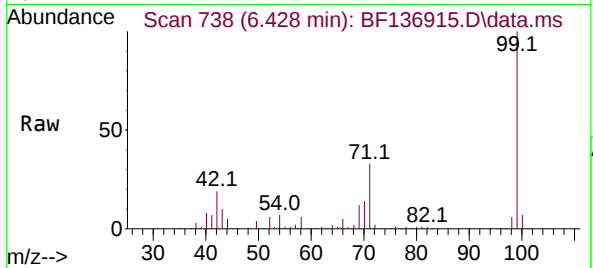




#7
Phenol-d6
Concen: 92.159 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

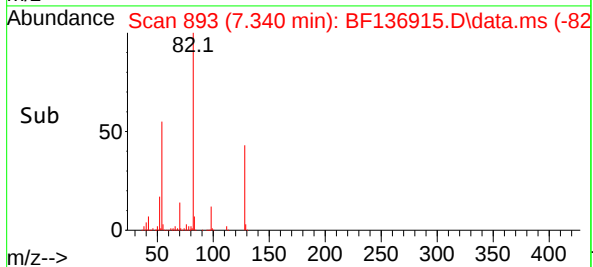
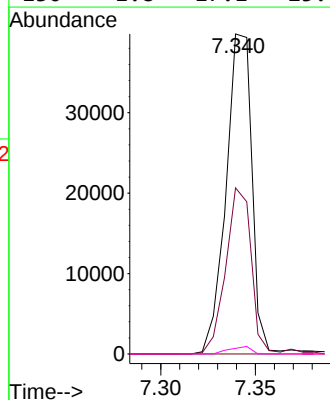
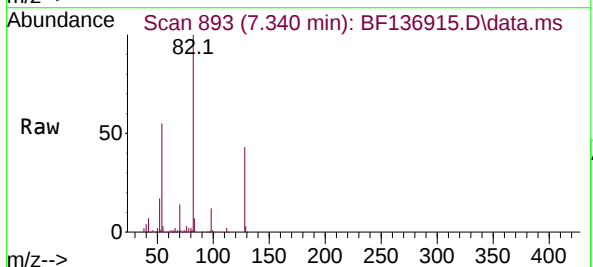
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion: 99 Resp: 464602
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.380 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion: 70 Resp: 37834
Ion Ratio Lower Upper
70 100
42 51.9 54.2 81.4#
101 0.0 7.6 11.4#
130 1.8 17.1 25.7#



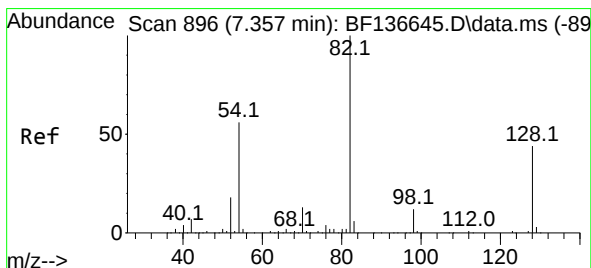
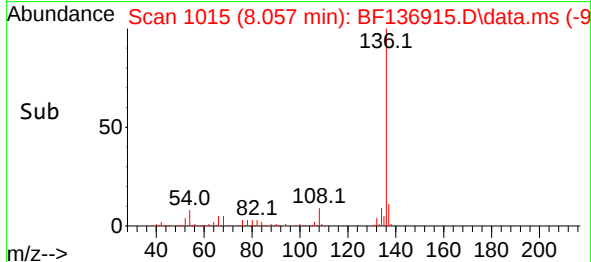
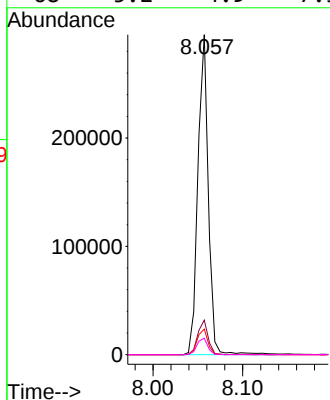
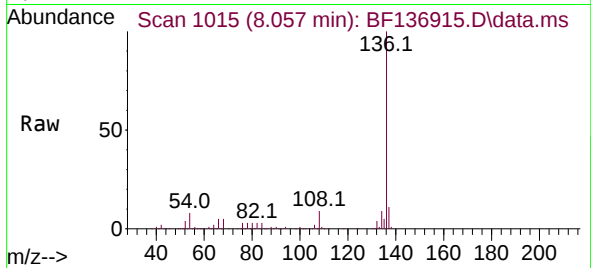


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion:136 Resp: 238706

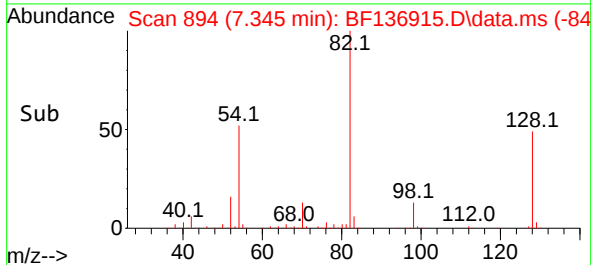
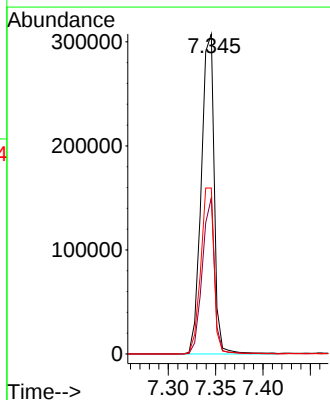
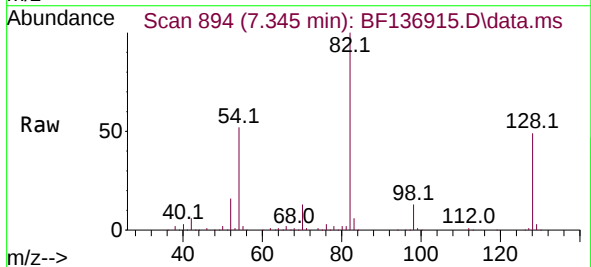
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.0	7.2	10.8
68	5.2	4.9	7.3



#23
Nitrobenzene-d5
Concen: 62.622 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion: 82 Resp: 292125

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.3	52.9
54	51.9	44.5	66.7

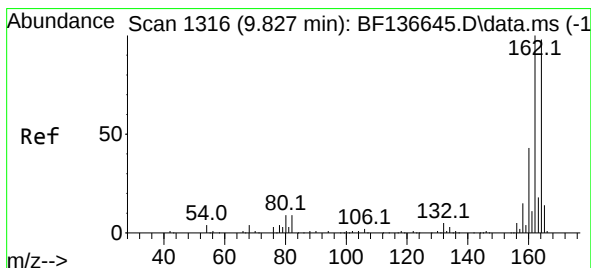
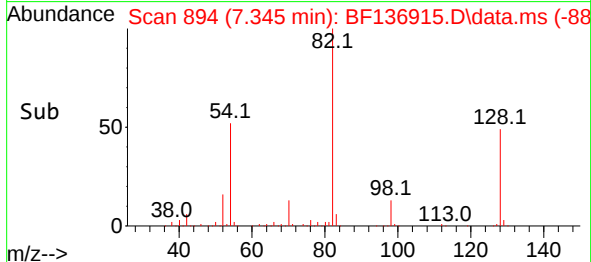
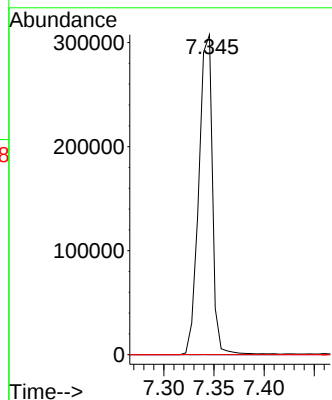
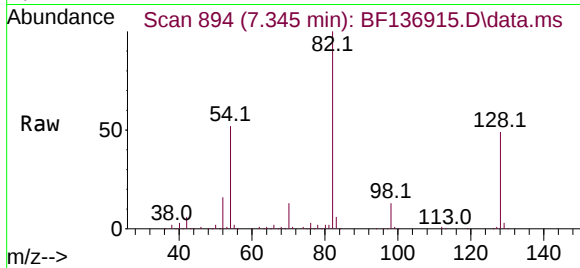




#25
Isophorone
Concen: 34.415 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

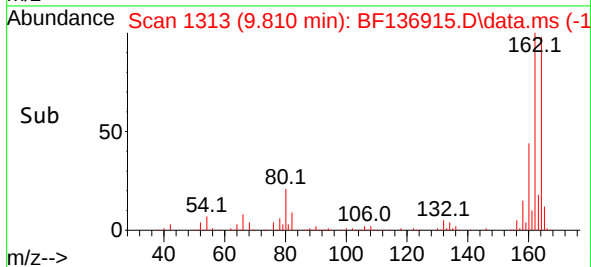
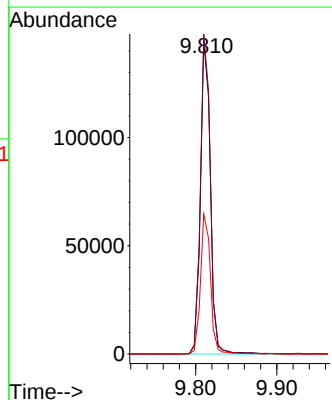
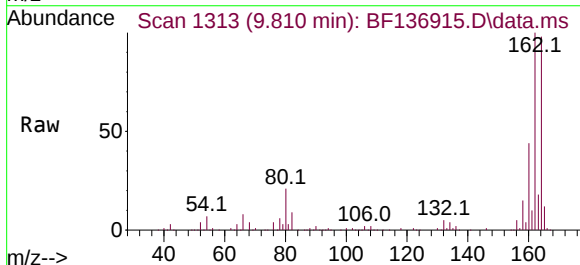
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

Tgt Ion: 82 Resp: 292122
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: 9.810 min Scan# 1313
Delta R.T. -0.017 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:164 Resp: 122895
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 44.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 88.871 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136915.D

Acq: 03 Jan 2024 19:16

Instrument :

BNA_F

ClientSampleId :

GHL-SS-10-2-4

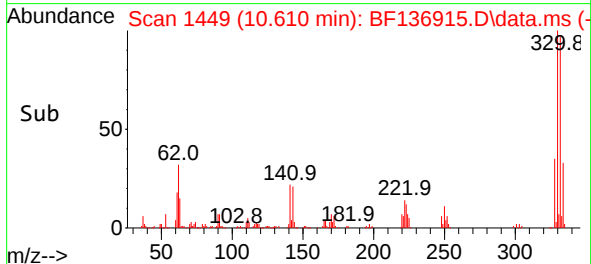
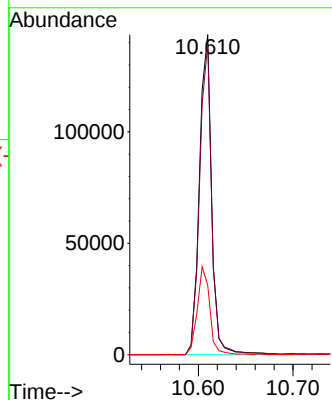
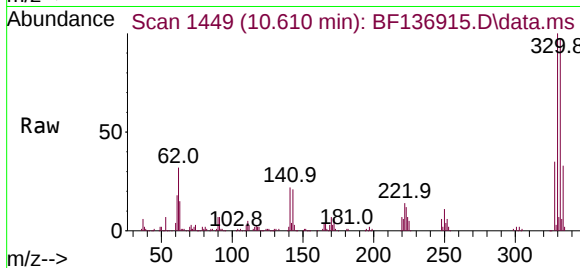
Tgt Ion:330 Resp: 128628

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 66.184 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF136915.D

Acq: 03 Jan 2024 19:16

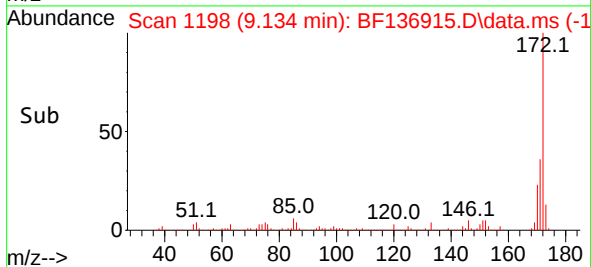
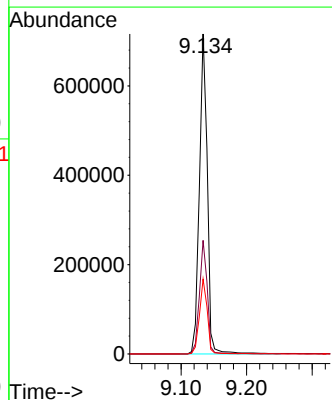
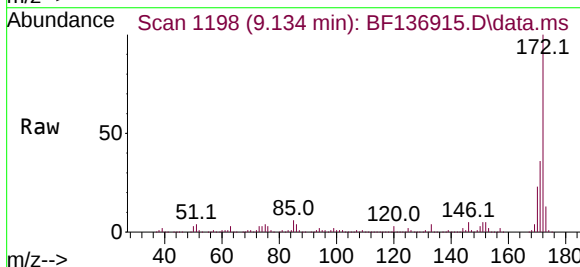
Tgt Ion:172 Resp: 604744

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.4 19.0 28.4

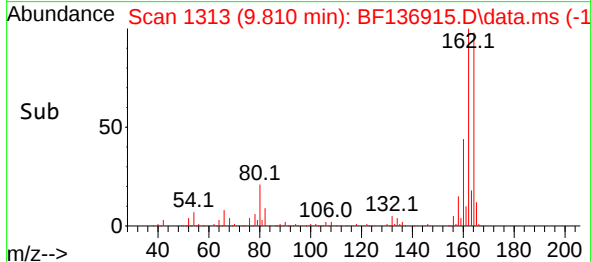
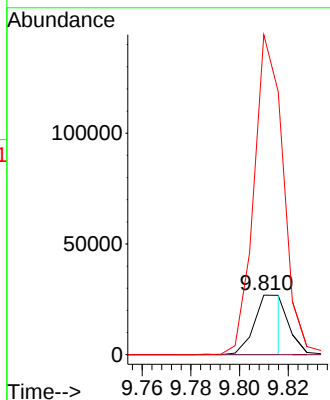
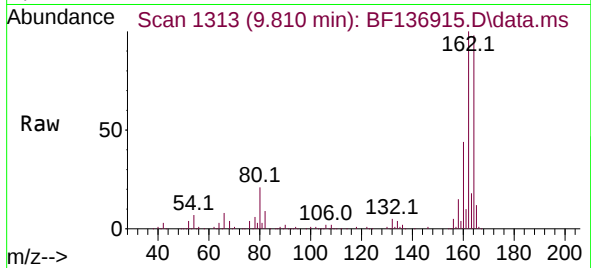




#50
Dimethylphthalate
Concen: 2.461 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.253 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

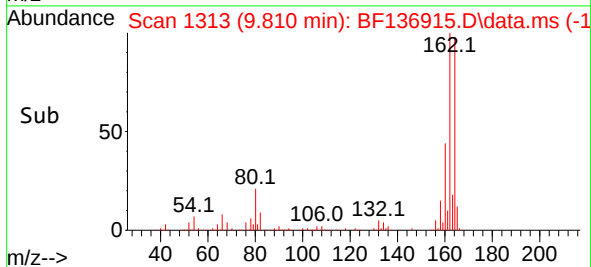
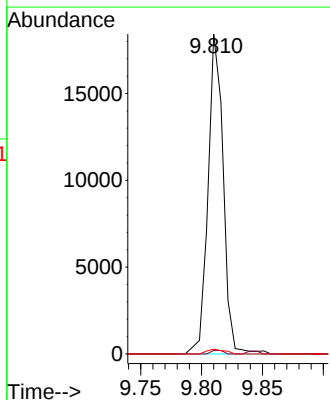
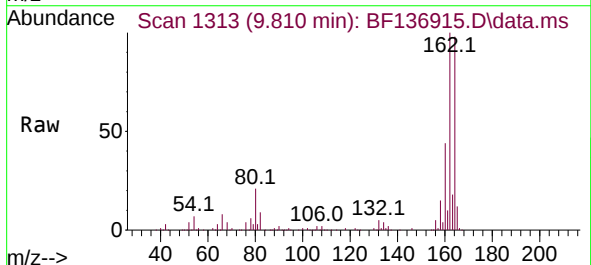
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

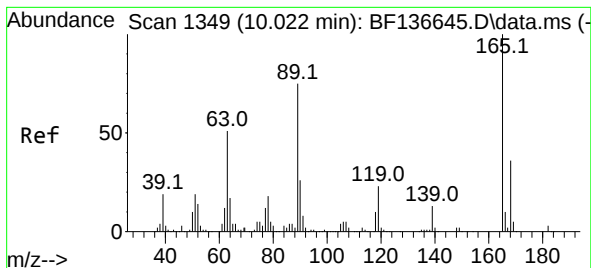
Tgt Ion:163 Resp: 22089
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 537.9 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.844 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.188 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

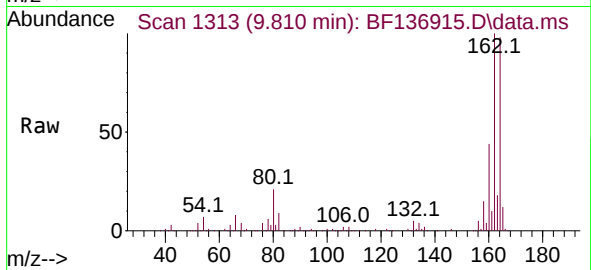
Tgt Ion:165 Resp: 15981
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.5 38.8 58.2#



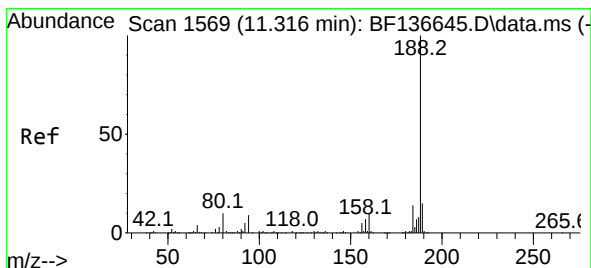
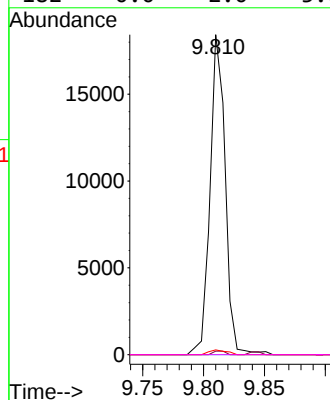
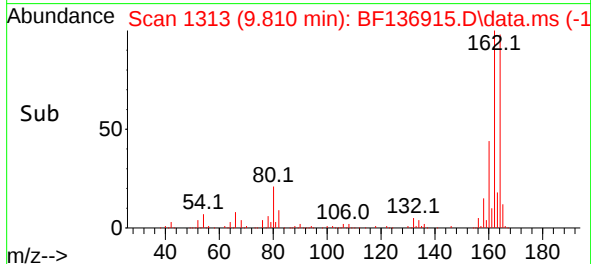


#57
2,4-Dinitrotoluene
Concen: 6.043 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

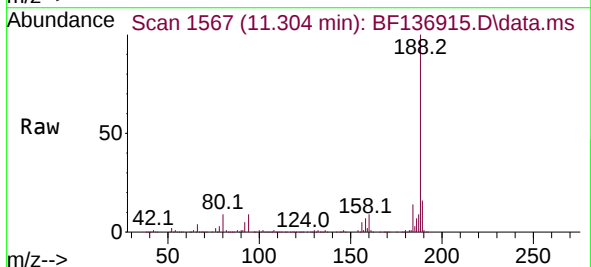
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4



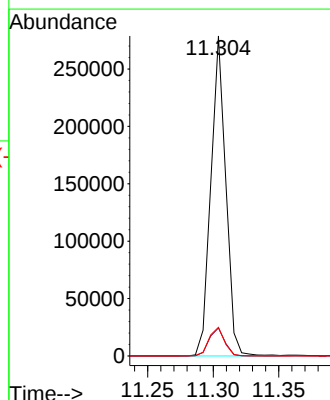
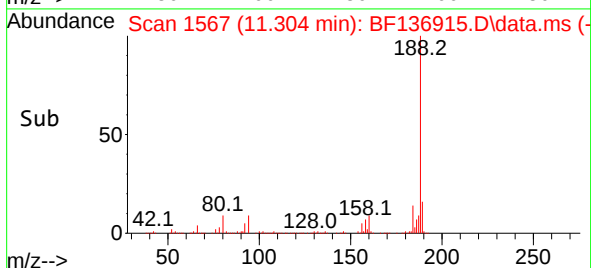
Tgt Ion:165 Resp: 15981
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 1.5 59.9 89.9#
182 0.0 2.0 3.0#

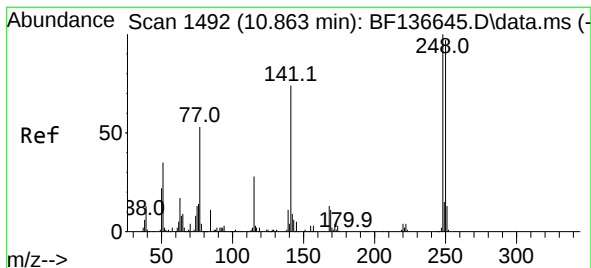


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16



Tgt Ion:188 Resp: 221435
Ion Ratio Lower Upper
188 100
94 8.7 7.5 11.3
80 9.0 8.1 12.1

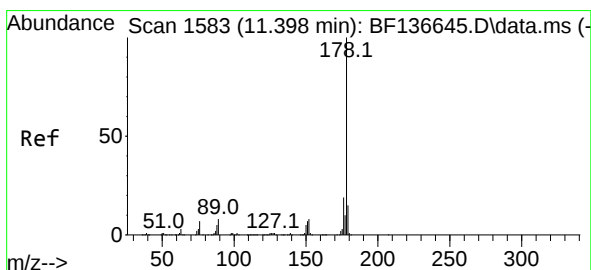
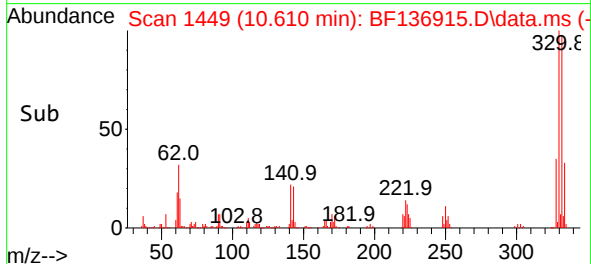
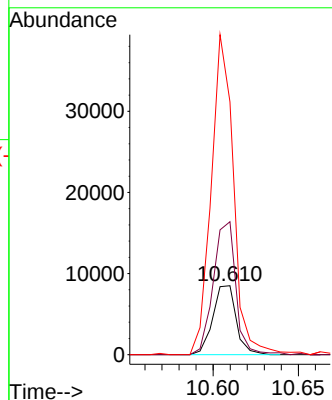
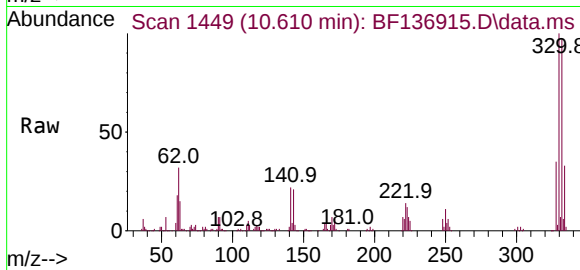




#67
4-Bromophenyl-phenylether
Concen: 3.310 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

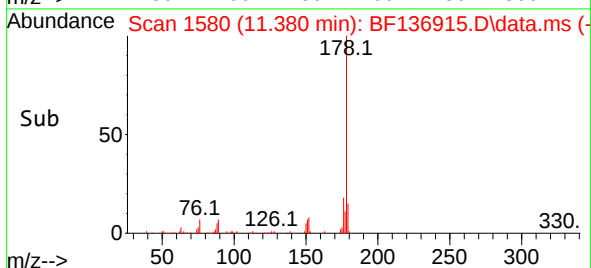
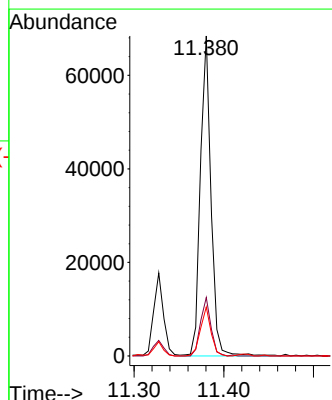
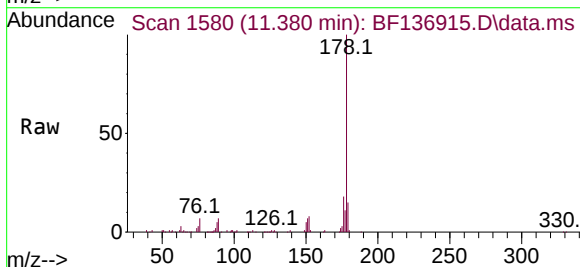
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4

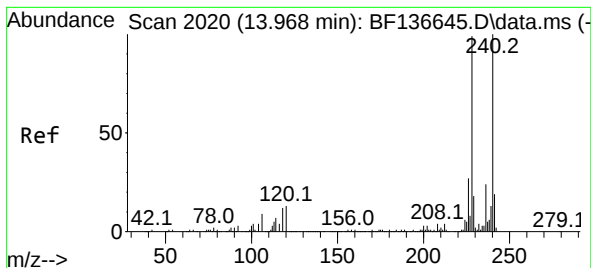
Tgt Ion:248 Resp: 8141
Ion Ratio Lower Upper
248 100
250 192.8 77.8 116.6#
141 366.6 59.2 88.8#



#72
Anthracene
Concen: 4.888 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.017 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Tgt Ion:178 Resp: 56240
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.3 11.8 17.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136915.D

Acq: 03 Jan 2024 19:16

Instrument :

BNA_F

ClientSampleId :

GHL-SS-10-2-4

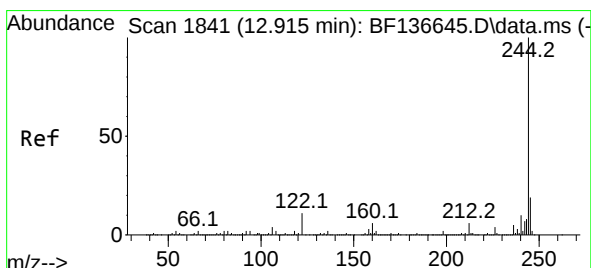
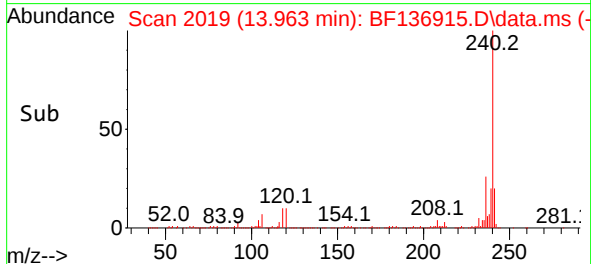
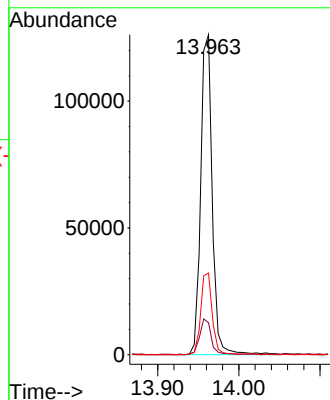
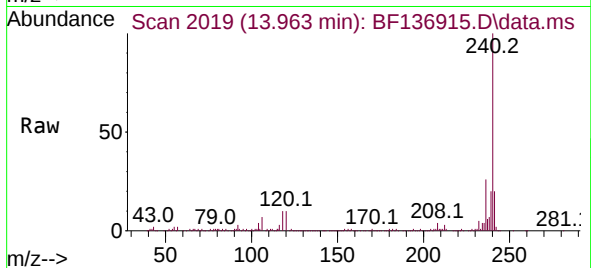
Tgt Ion:240 Resp: 125084

Ion Ratio Lower Upper

240 100

120 10.0 10.3 15.5#

236 25.5 19.4 29.2



#79

Terphenyl-d14

Concen: 58.372 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.017 min

Lab File: BF136915.D

Acq: 03 Jan 2024 19:16

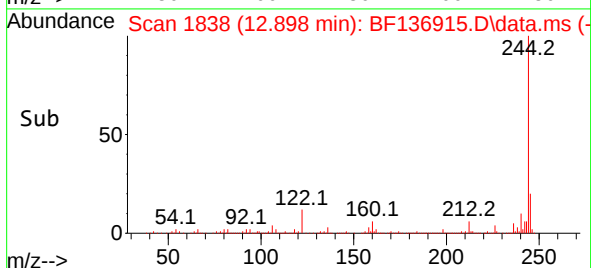
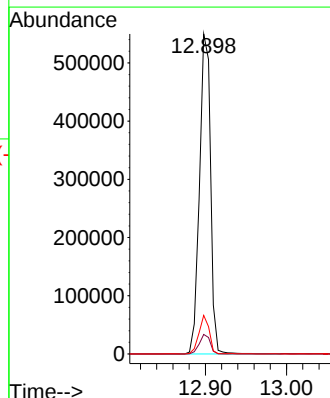
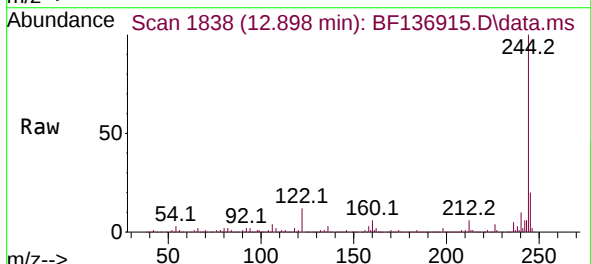
Tgt Ion:244 Resp: 522476

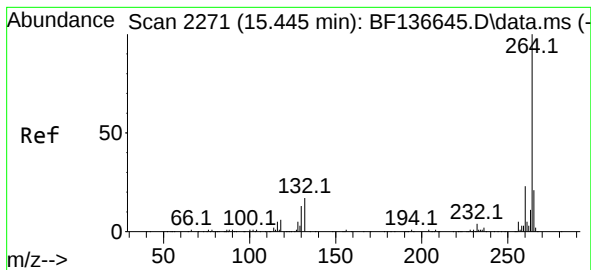
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

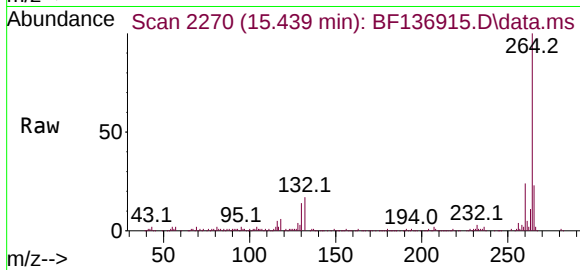
122 12.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136915.D
Acq: 03 Jan 2024 19:16

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-2-4



Tgt Ion:264 Resp: 142358

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.9	17.0	25.6

