

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136931.D
 Acq On : 04 Jan 2024 03:40
 Operator : CG\JU
 Sample : 05899-03DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-10-0-2DL

Quant Time: Jan 04 04:45:30 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)

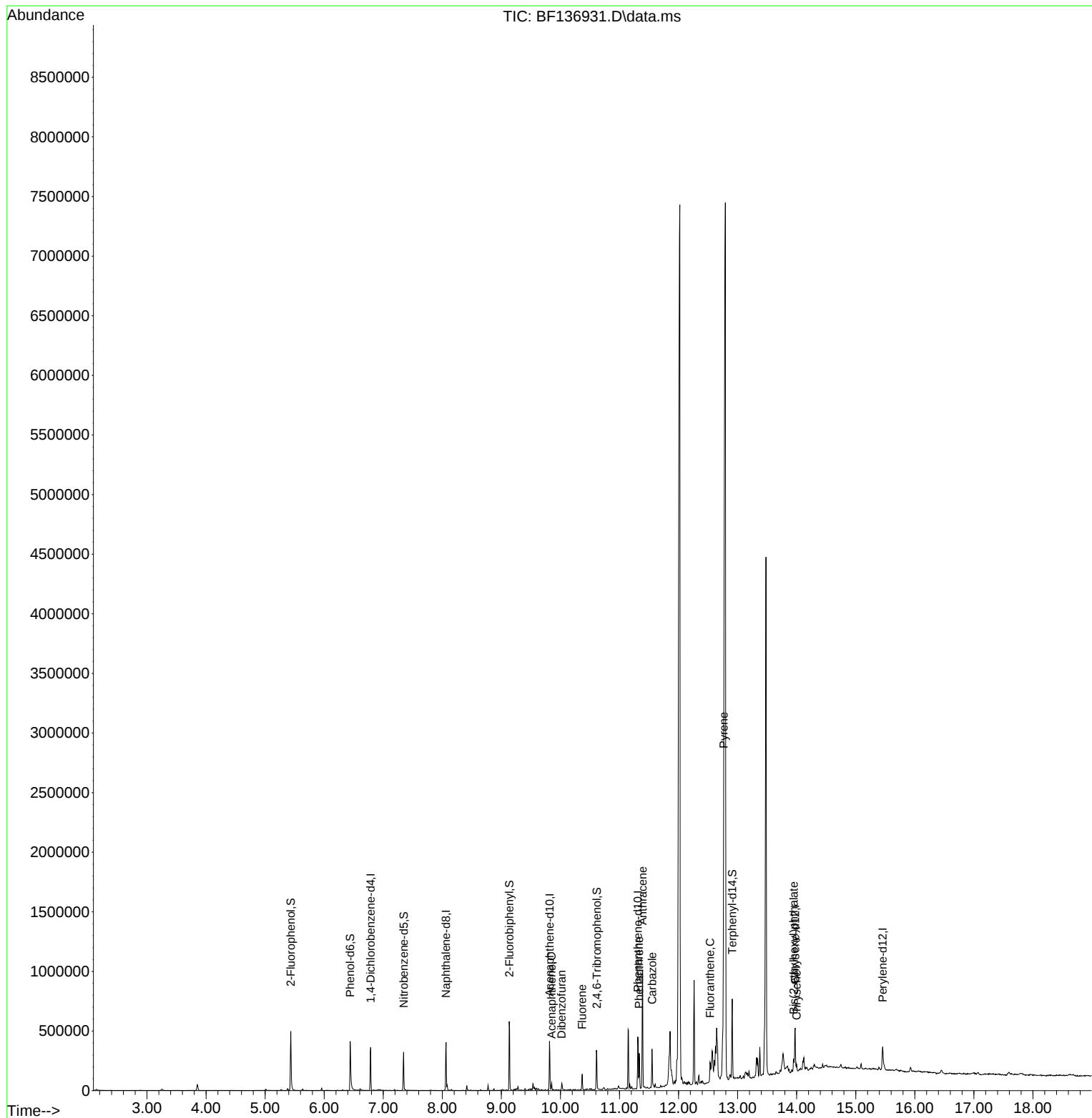
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	54024	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	167178	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	75789	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	157658	20.000	ng	0.00
76) Chrysene-d12	13.974	240	122990	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	93570	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	141962	41.001	ng	0.00
7) Phenol-d6	6.439	99	155778	34.722	ng	0.00
23) Nitrobenzene-d5	7.345	82	90987	27.850	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	41376	46.355	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	182163	32.327	ng	-0.02
79) Terphenyl-d14	12.910	244	235169	26.721	ng	0.00
Target Compounds						
						Qvalue
52) Acenaphthene	9.851	154	11580	2.528	ng	97
55) Dibenzofuran	10.022	168	22668	3.264	ng	96
58) Fluorene	10.369	166	33169	6.020	ng	98
71) Phenanthrene	11.333	178	105624	13.057	ng	98
72) Anthracene	11.392	178	375959	45.890	ng	99
73) Carbazole	11.551	167	128706	16.663	ng	99
75) Fluoranthene	12.533	202	62799	7.257	ng	96
78) Pyrene	12.763	202	38820	3.215	ng	96
83) Chrysene	13.998	228	18514	2.217	ng	93
84) Bis(2-ethylhexyl)phtha...	13.951	149	27672	5.006	ng	97

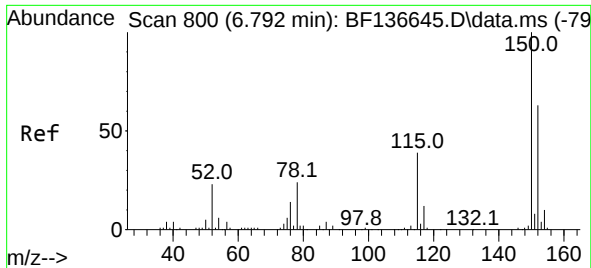
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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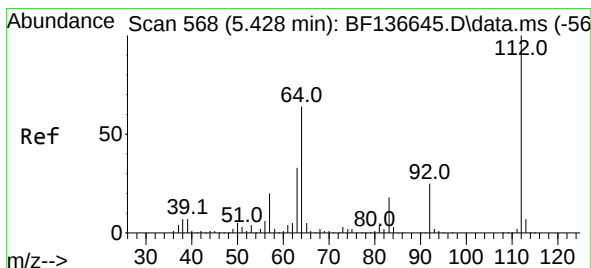
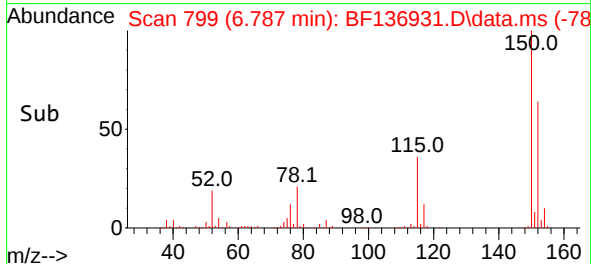
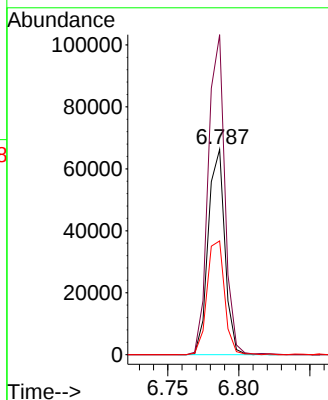
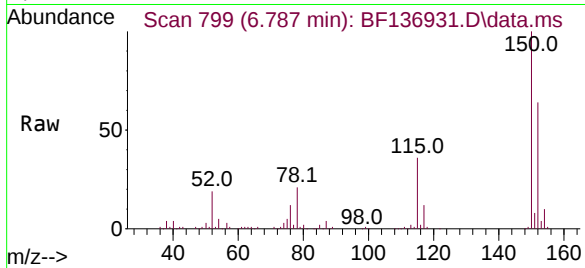




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

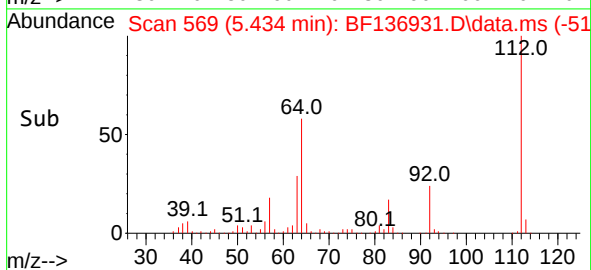
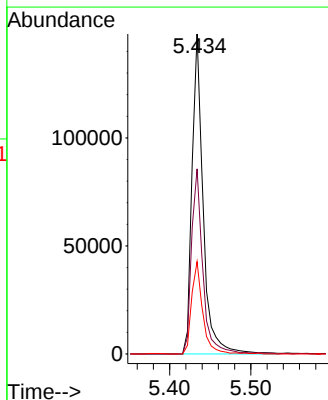
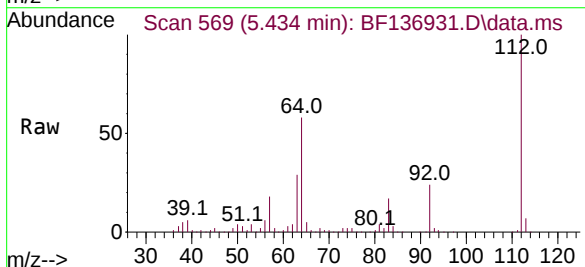
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

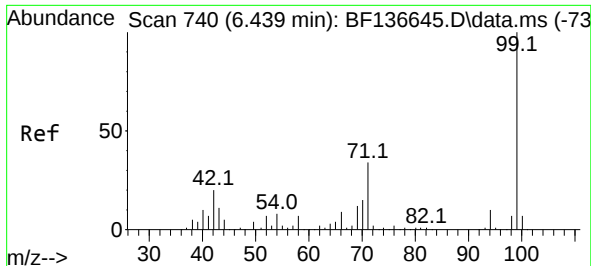
Tgt Ion:152 Resp: 54024
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 55.4 49.0 73.4



#5
2-Fluorophenol
Concen: 41.001 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

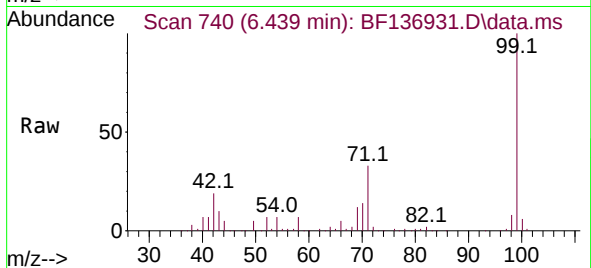
Tgt Ion:112 Resp: 141962
Ion Ratio Lower Upper
112 100
64 57.8 51.1 76.7
63 28.9 26.1 39.1





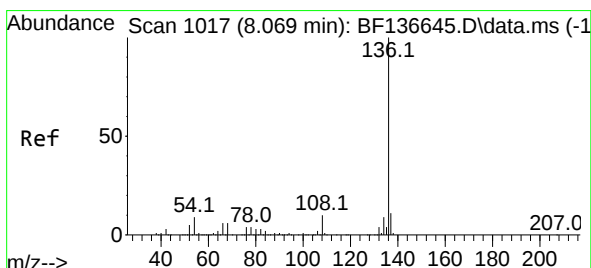
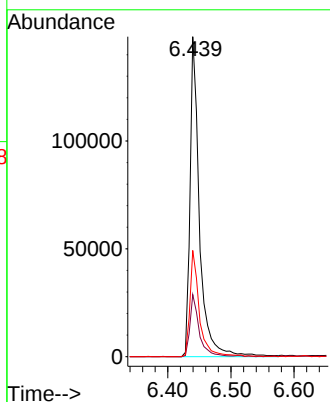
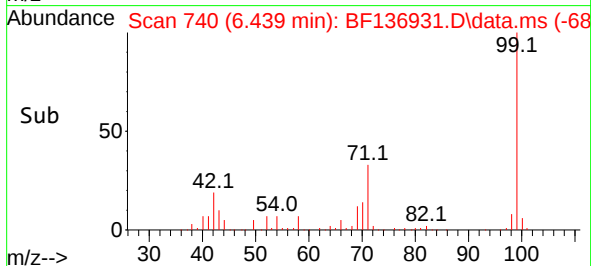
#7
Phenol-d6
Concen: 34.722 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

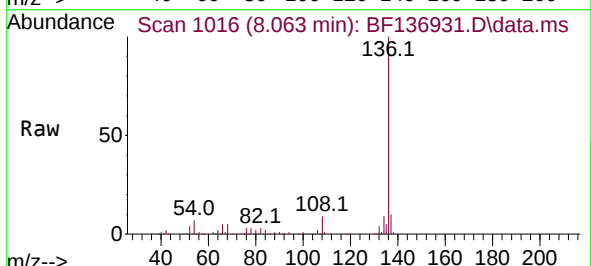


Tgt Ion: 99 Resp: 155778

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.1	24.1
71	33.2	27.4	41.2

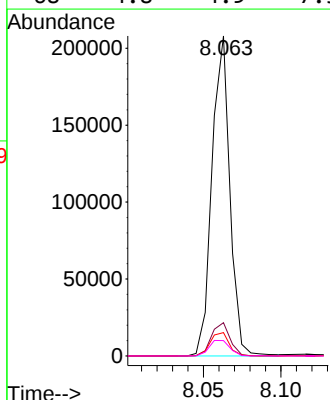
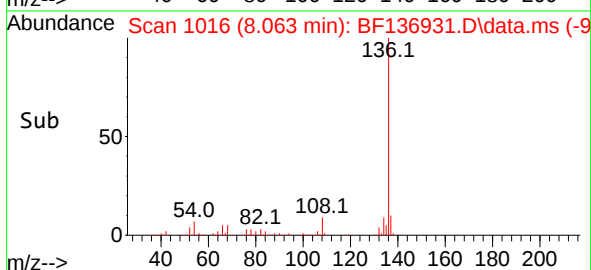


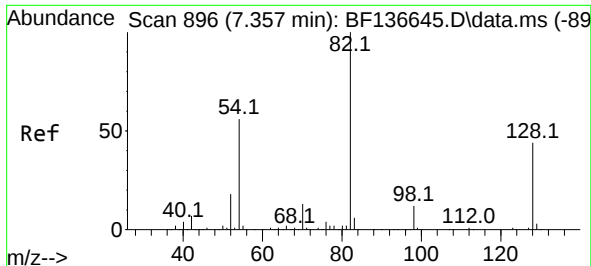
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40



Tgt Ion: 136 Resp: 167178

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	7.3	7.2	10.8
68	4.8	4.9	7.3





#23

Nitrobenzene-d5

Concen: 27.850 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-10-0-2DL

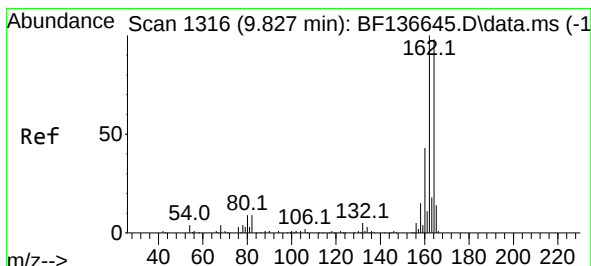
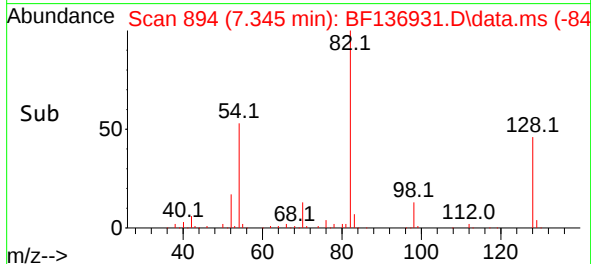
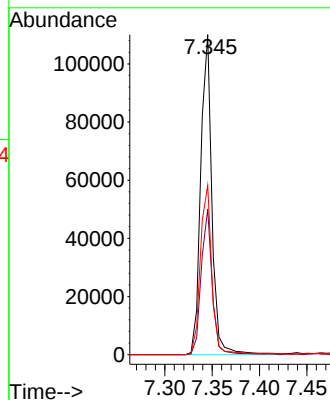
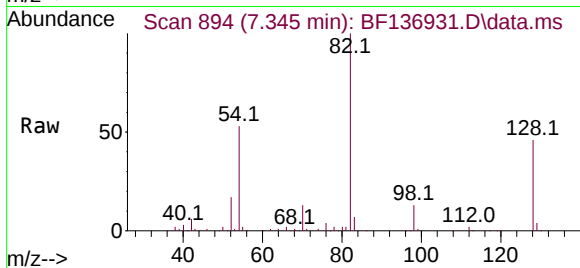
Tgt Ion: 82 Resp: 90987

Ion Ratio Lower Upper

82 100

128 45.5 35.3 52.9

54 53.0 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

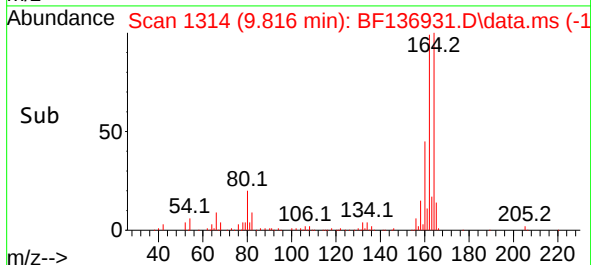
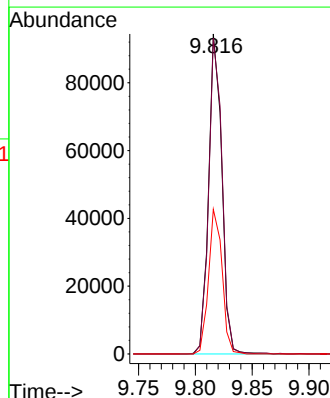
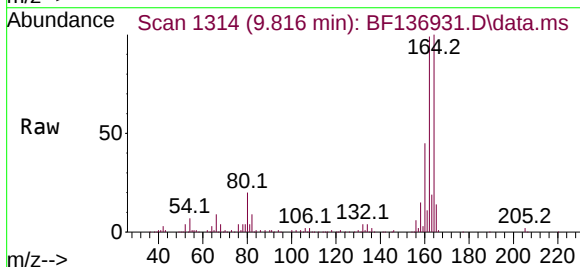
Tgt Ion: 164 Resp: 75789

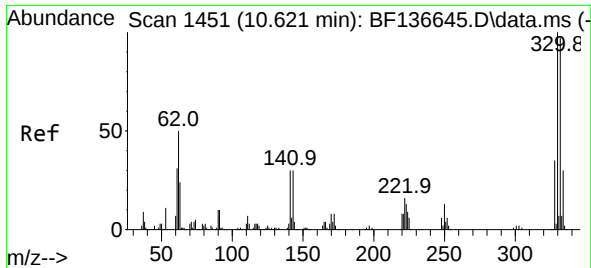
Ion Ratio Lower Upper

164 100

162 98.6 81.6 122.4

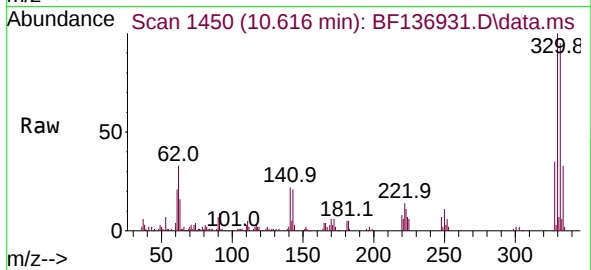
160 45.2 34.9 52.3



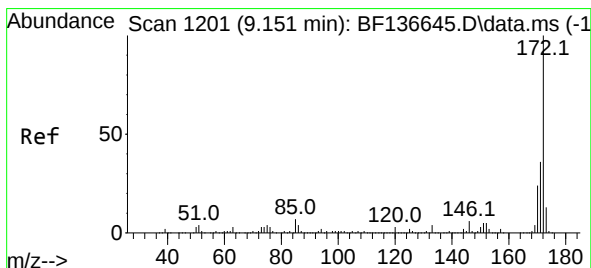
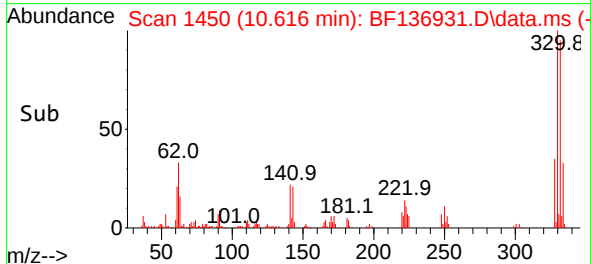
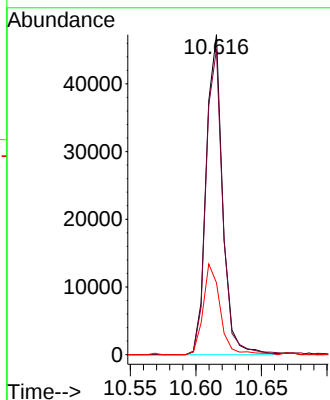


#42
2,4,6-Tribromophenol
Concen: 46.355 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

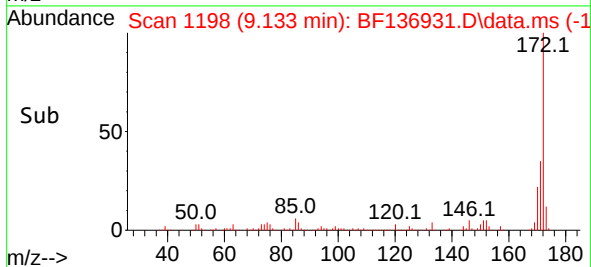
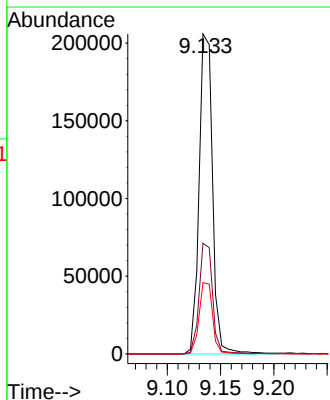
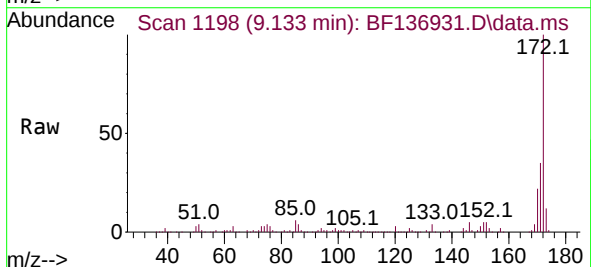


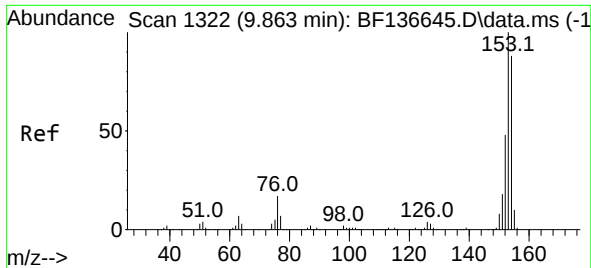
Tgt Ion: 330 Resp: 41376
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 29.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 32.327 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Tgt Ion: 172 Resp: 182163
Ion Ratio Lower Upper
172 100
171 34.6 29.0 43.6
170 22.3 19.0 28.4

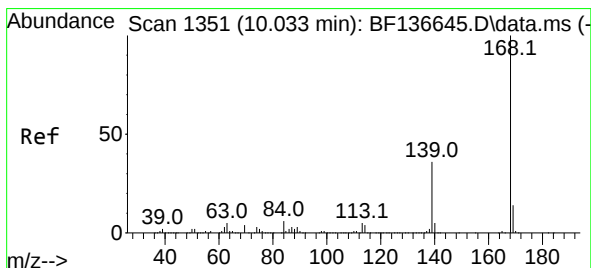
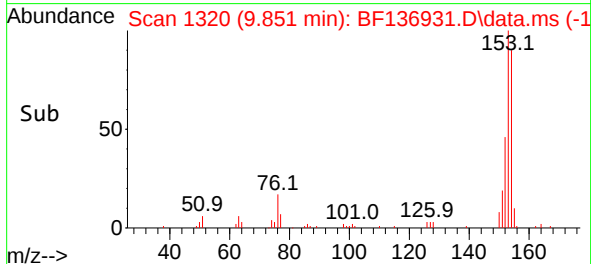
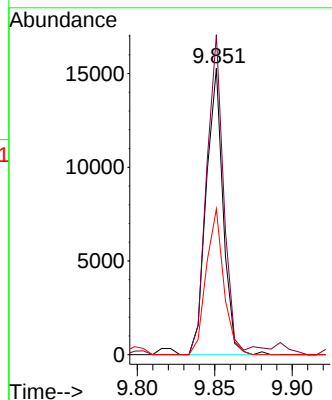
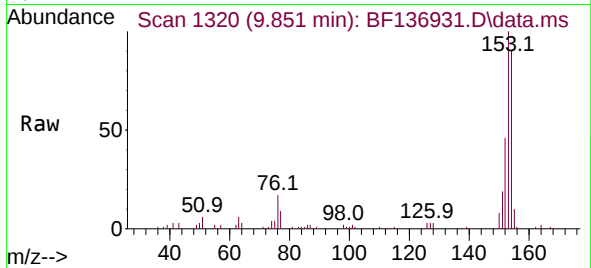




#52
Acenaphthene
Concen: 2.528 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

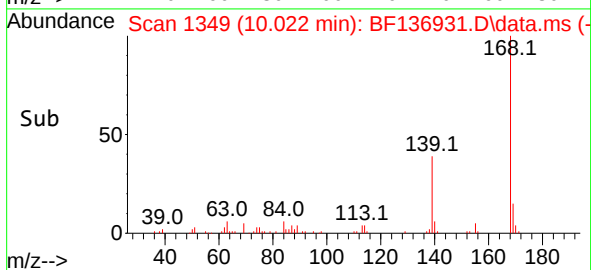
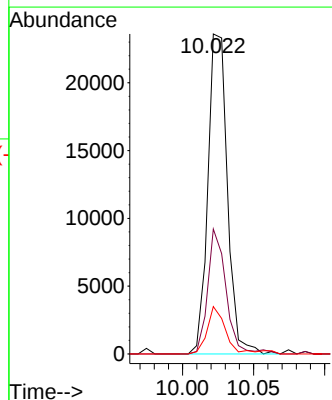
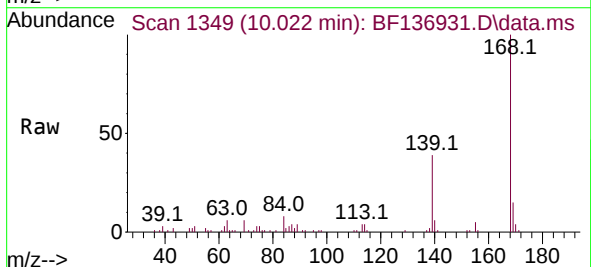
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

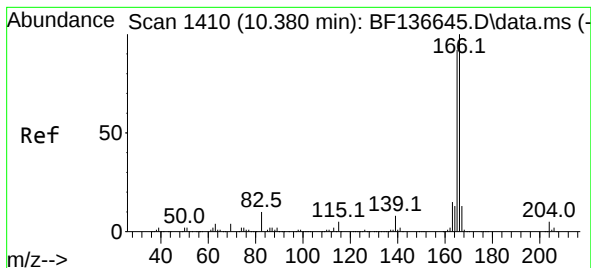
Tgt Ion:154 Resp: 11580
Ion Ratio Lower Upper
154 100
153 111.7 90.7 136.1
152 50.9 43.7 65.5



#55
Dibenzofuran
Concen: 3.264 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Tgt Ion:168 Resp: 22668
Ion Ratio Lower Upper
168 100
139 39.0 29.3 43.9
169 14.8 11.0 16.4





#58

Fluorene

Concen: 6.020 ng

RT: 10.369 min Scan# 1410

Delta R.T. -0.012 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-10-0-2DL

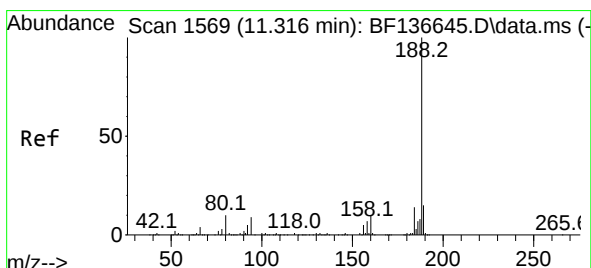
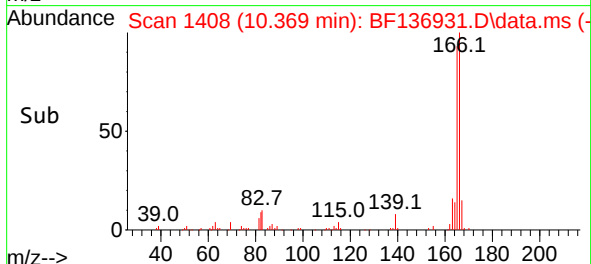
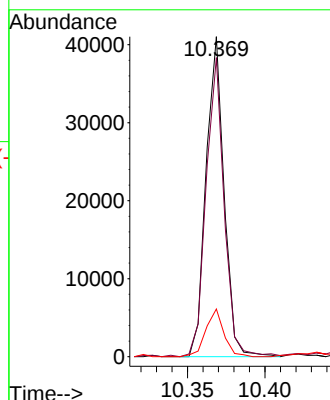
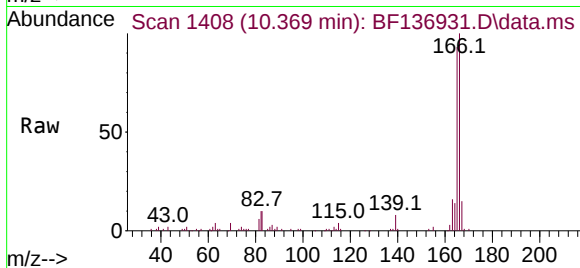
Tgt Ion:166 Resp: 33169

Ion Ratio Lower Upper

166 100

165 93.5 73.7 110.5

167 14.9 10.4 15.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

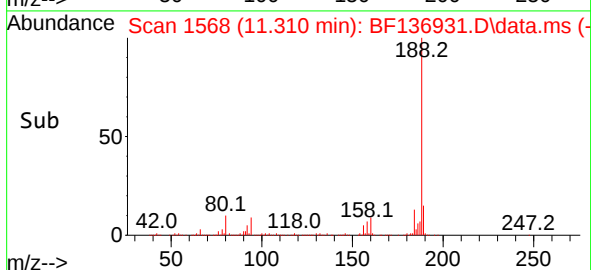
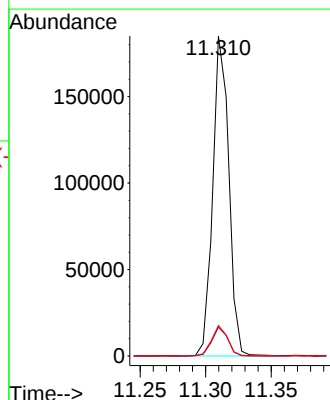
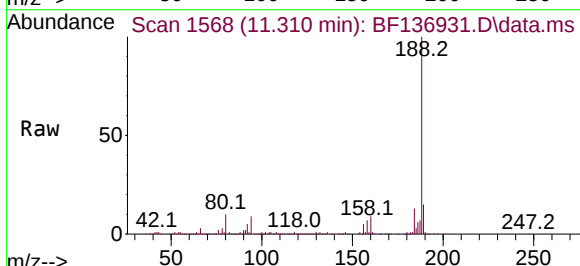
Tgt Ion:188 Resp: 157658

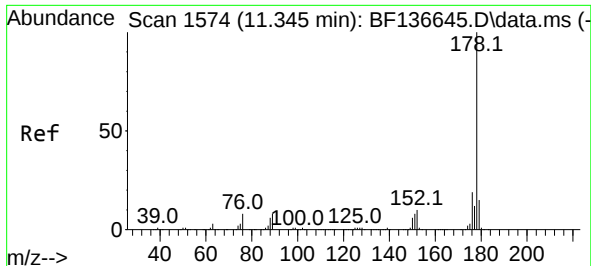
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.6 8.1 12.1

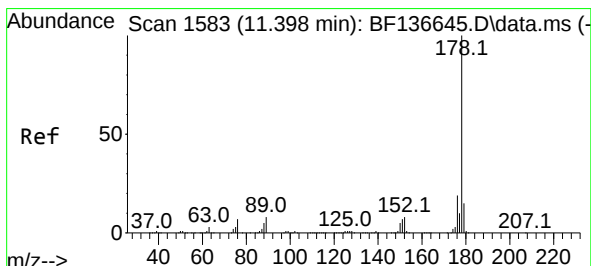
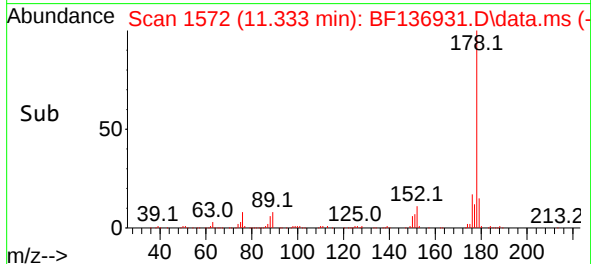
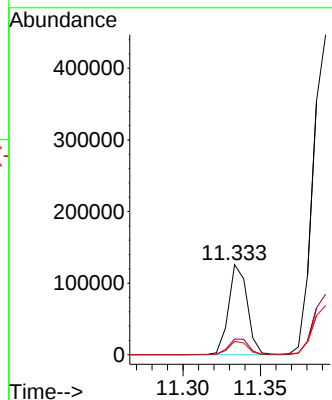
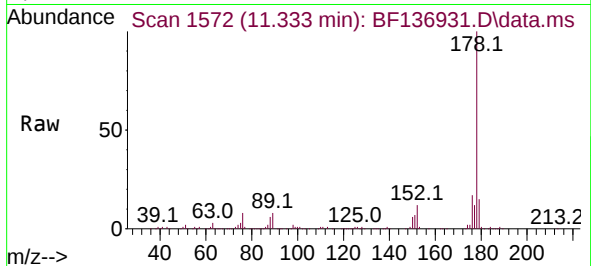




#71
Phenanthrene
Concen: 13.057 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

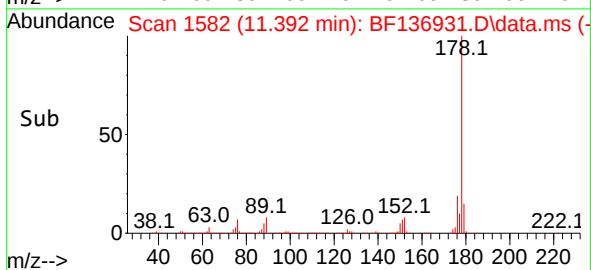
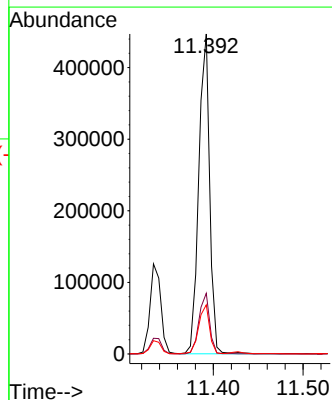
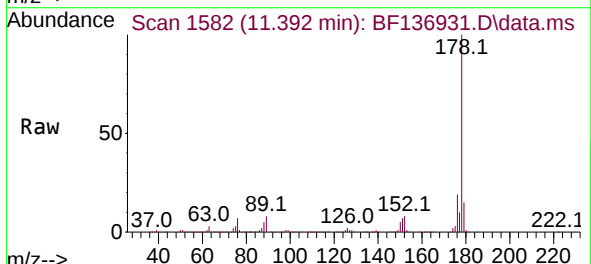
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

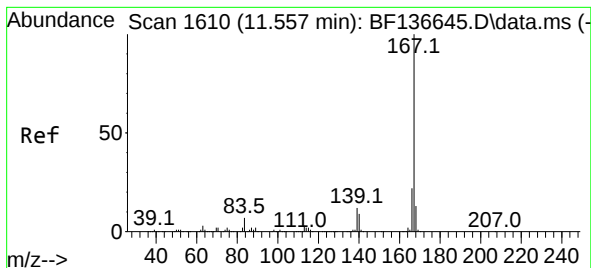
Tgt Ion:178 Resp: 105624
Ion Ratio Lower Upper
178 100
176 17.4 15.3 22.9
179 14.8 11.9 17.9



#72
Anthracene
Concen: 45.890 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Tgt Ion:178 Resp: 375959
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.3 11.8 17.6





#73

Carbazole

Concen: 16.663 ng

RT: 11.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-10-0-2DL

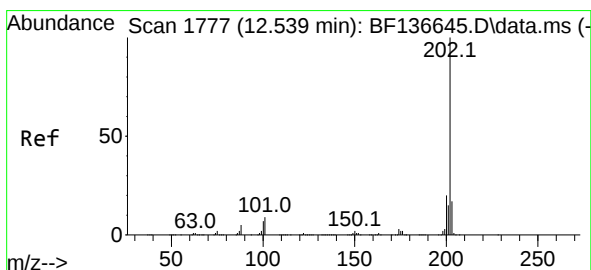
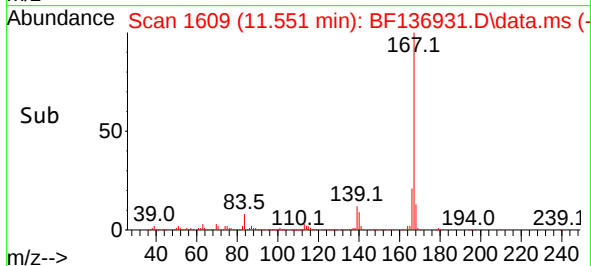
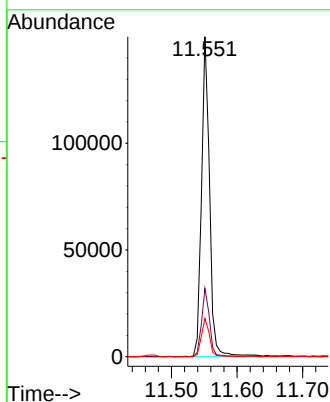
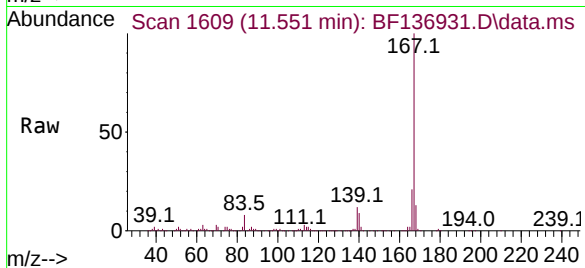
Tgt Ion:167 Resp: 128706

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.0 9.8 14.6



#75

Fluoranthene

Concen: 7.257 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

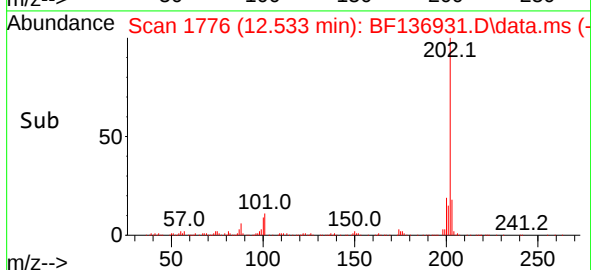
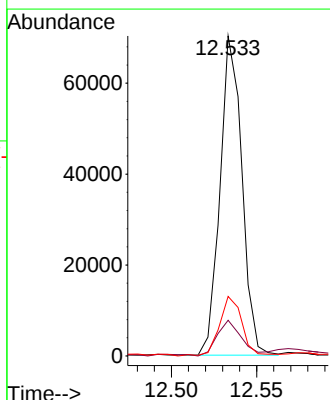
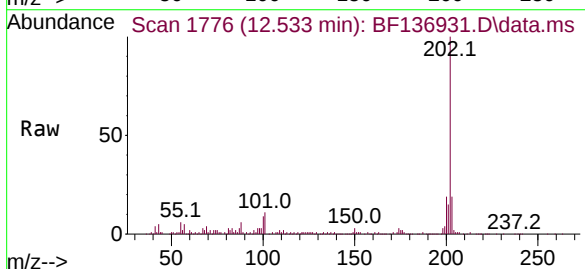
Tgt Ion:202 Resp: 62799

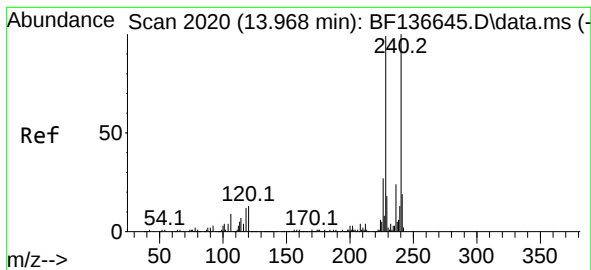
Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

203 18.6 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

Instrument :

BNA_F

ClientSampleId :

GHL-SS-10-0-2DL

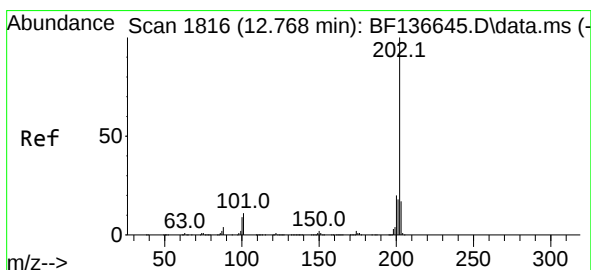
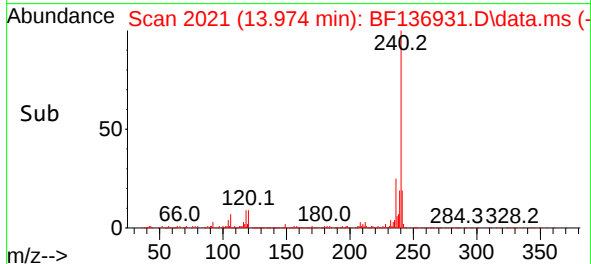
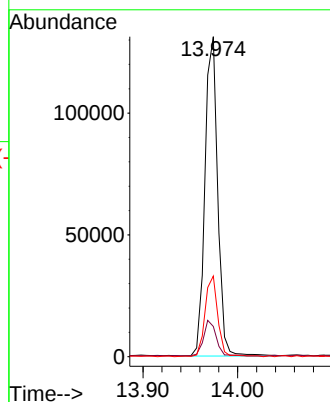
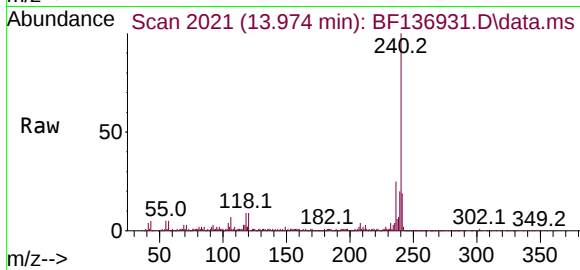
Tgt Ion:240 Resp: 122990

Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

236 25.2 19.4 29.2



#78

Pyrene

Concen: 3.215 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136931.D

Acq: 04 Jan 2024 03:40

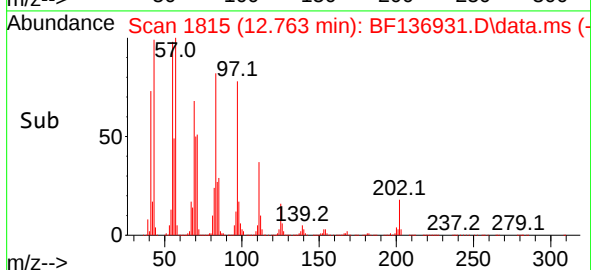
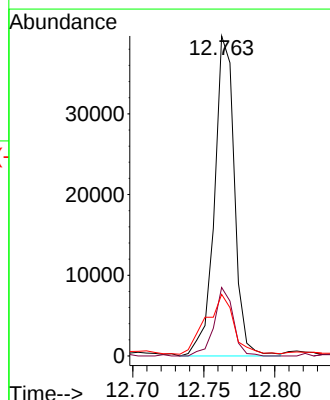
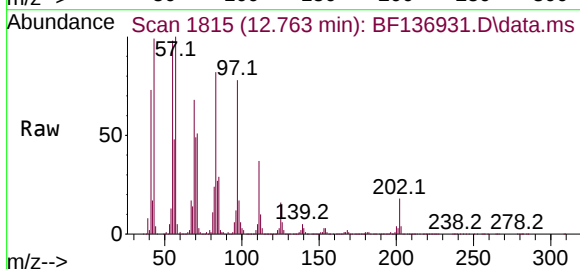
Tgt Ion:202 Resp: 38820

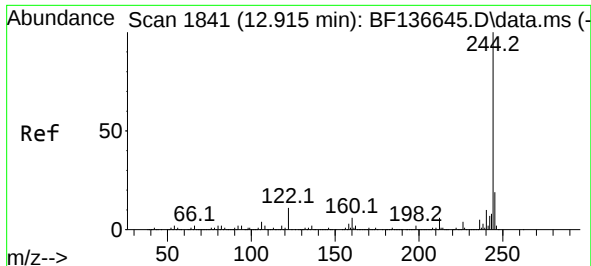
Ion Ratio Lower Upper

202 100

200 21.4 15.9 23.9

203 19.2 13.8 20.6

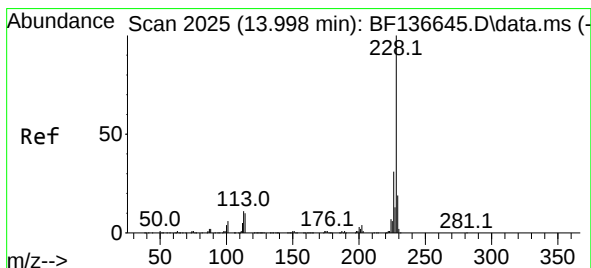
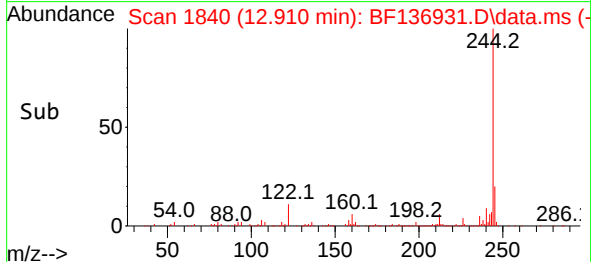
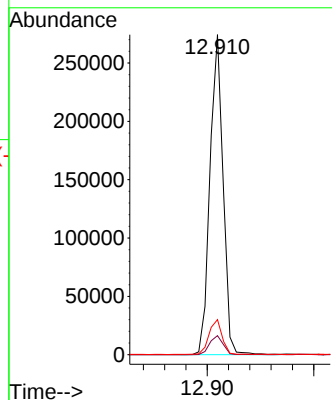
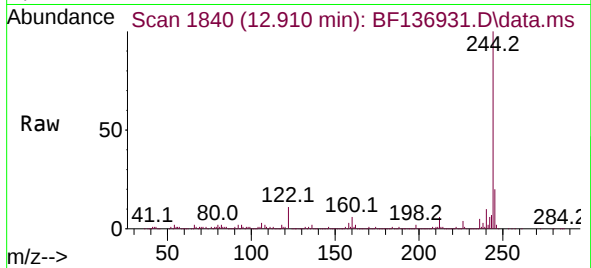




#79
Terphenyl-d14
Concen: 26.721 ng
RT: 12.910 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

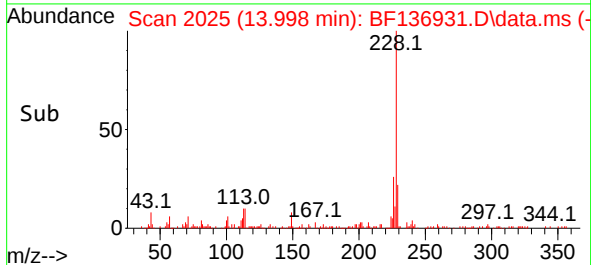
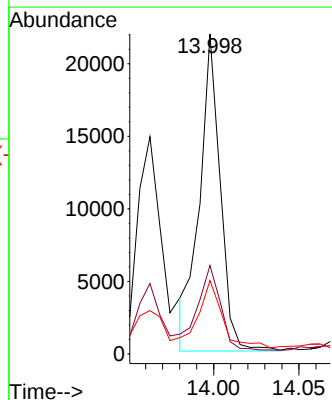
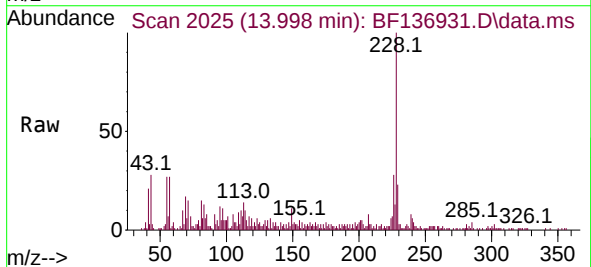
Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

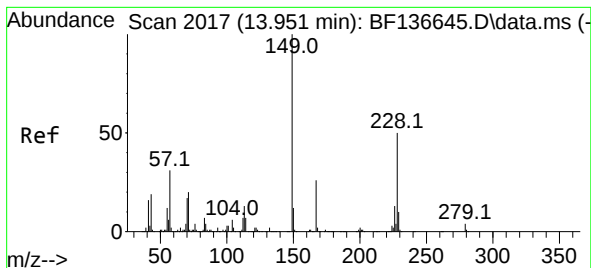
Tgt Ion:244 Resp: 235169
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 11.0 9.0 13.4



#83
Chrysene
Concen: 2.217 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Tgt Ion:228 Resp: 18514
Ion Ratio Lower Upper
228 100
226 27.7 24.7 37.1
229 22.9 15.4 23.0

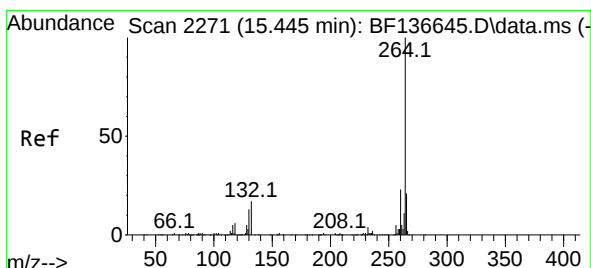
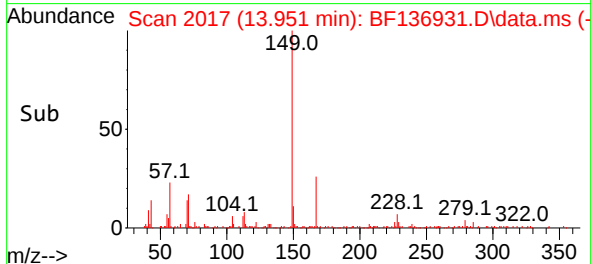
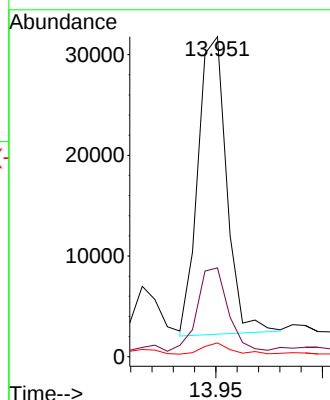
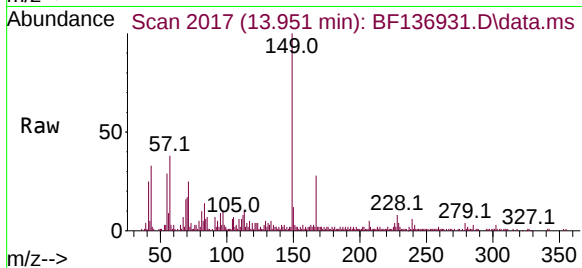




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.006 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Instrument :
BNA_F
ClientSampleId :
GHL-SS-10-0-2DL

Tgt Ion:149 Resp: 27672
Ion Ratio Lower Upper
149 100
167 27.7 20.9 31.3
279 4.3 2.9 4.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136931.D
Acq: 04 Jan 2024 03:40

Tgt Ion:264 Resp: 93570
Ion Ratio Lower Upper
264 100
260 22.9 18.3 27.5
265 21.5 17.0 25.6

