

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136833.D
 Acq On : 29 Dec 2023 17:13
 Operator : CG\JU
 Sample : 05909-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-48

Quant Time: Dec 30 01:02:30 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	68291	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	267402	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137308	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	269484	20.000	ng	0.00
76) Chrysene-d12	13.963	240	159530	20.000	ng	0.00
86) Perylene-d12	15.445	264	136101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	473015	108.073	ng	0.00
7) Phenol-d6	6.428	99	595521	105.006	ng	-0.01
23) Nitrobenzene-d5	7.345	82	359801	68.853	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	164114	101.486	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	608276	59.583	ng	-0.02
79) Terphenyl-d14	12.904	244	531975	46.601	ng	-0.01

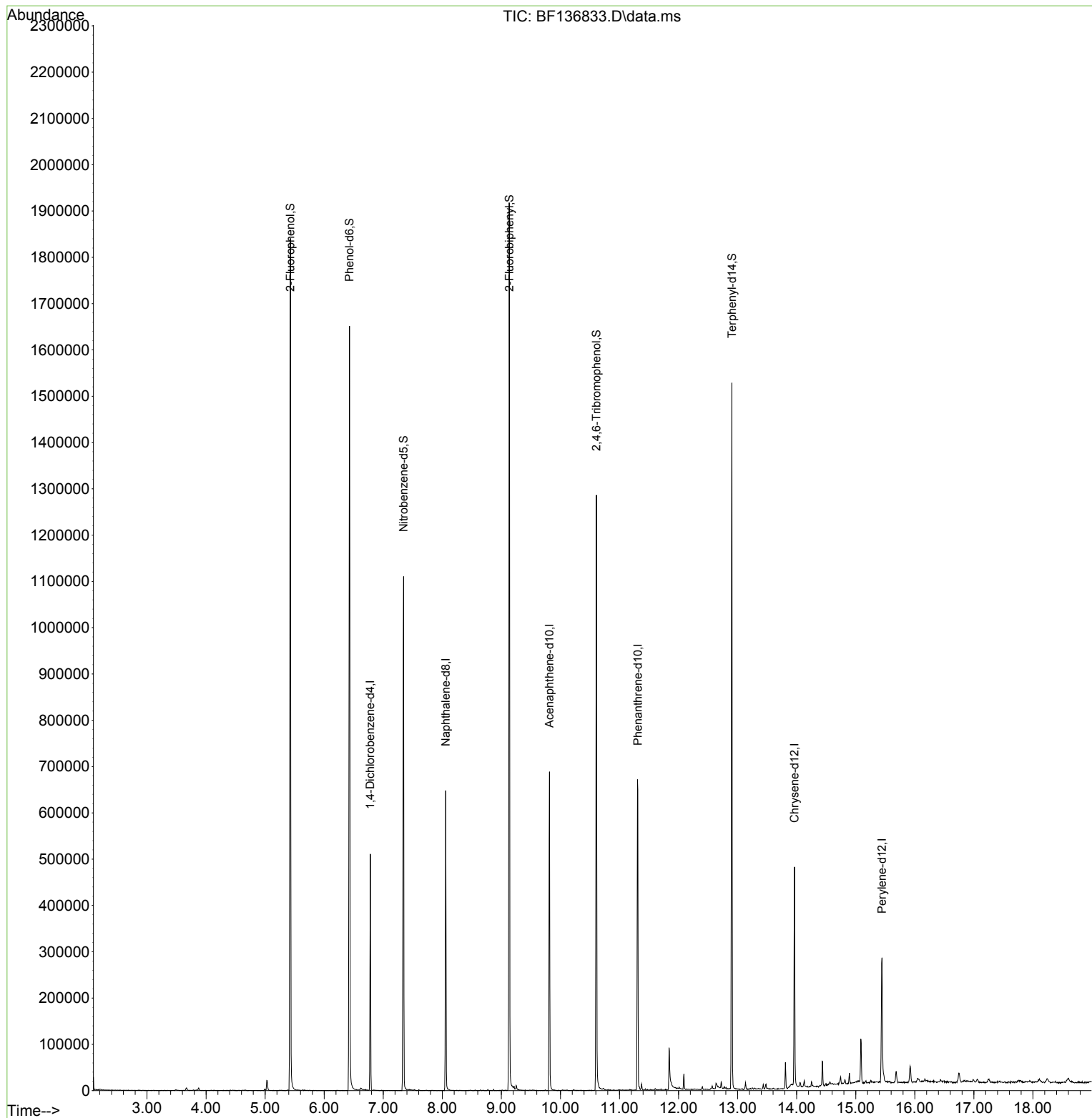
Target Compounds	Qvalue

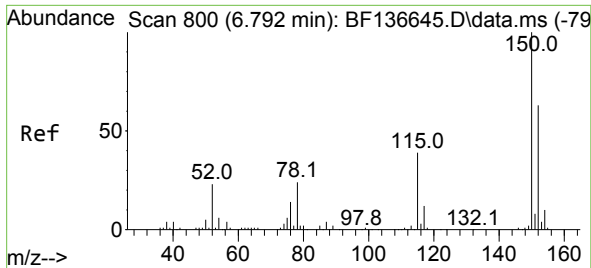
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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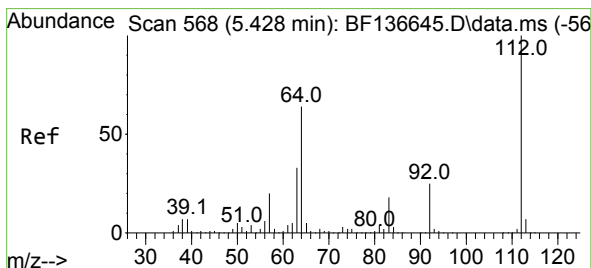
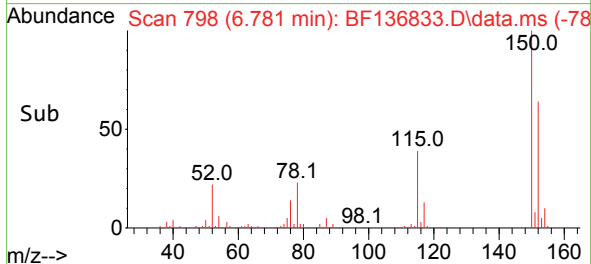
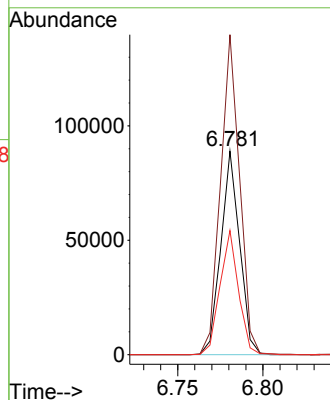
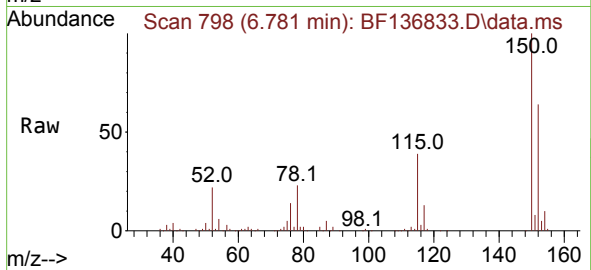




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

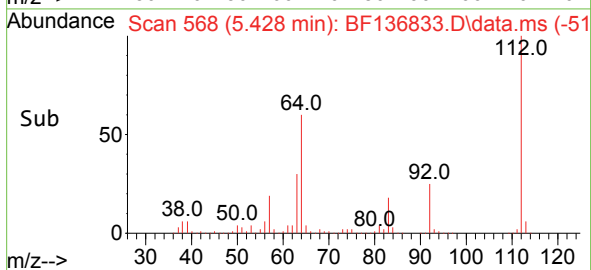
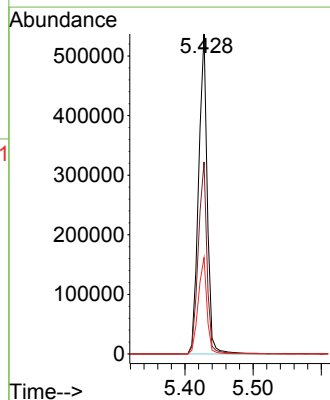
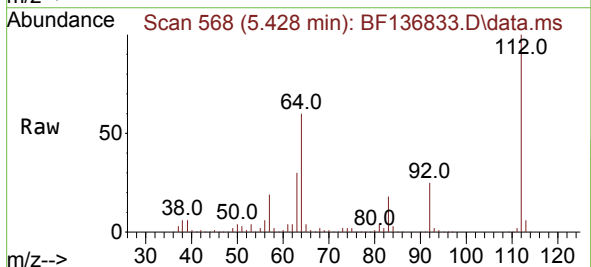
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

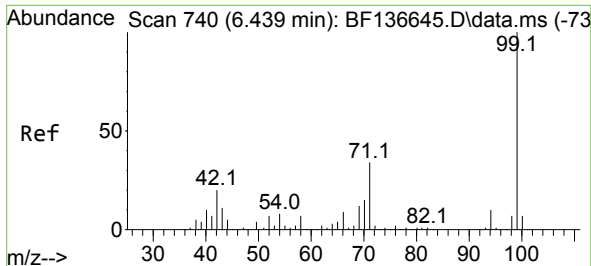
Tgt Ion:152 Resp: 68291
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 61.0 49.0 73.4



#5
2-Fluorophenol
Concen: 108.073 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion:112 Resp: 473015
Ion Ratio Lower Upper
112 100
64 60.0 51.1 76.7
63 30.1 26.1 39.1

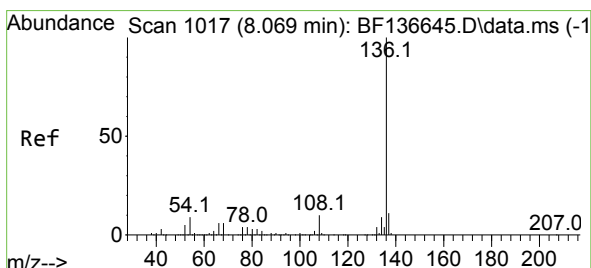
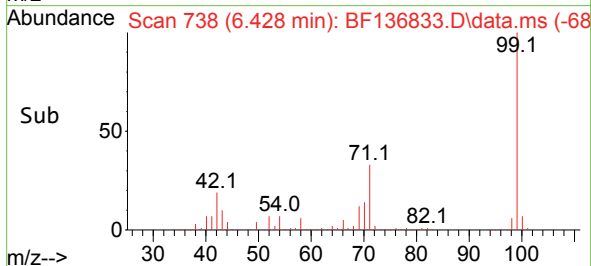
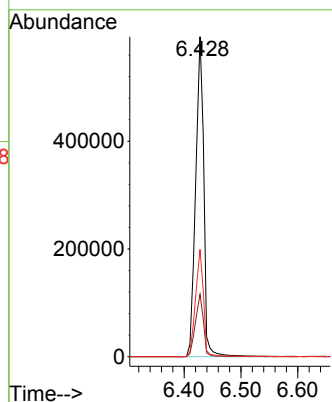
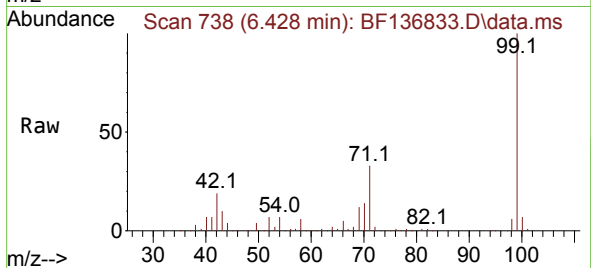




#7
Phenol-d6
Concen: 105.006 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

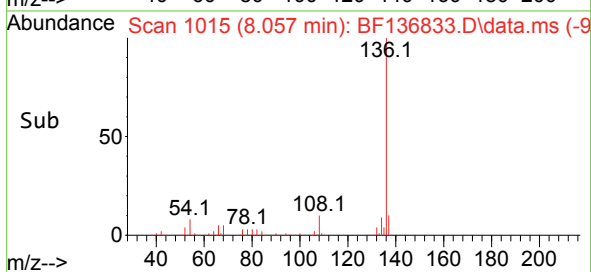
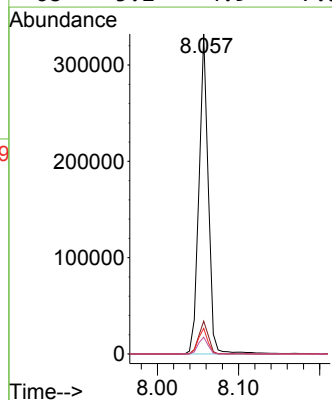
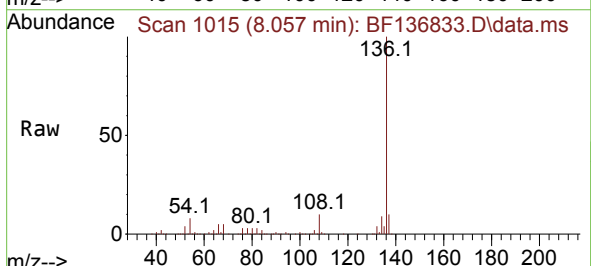
Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

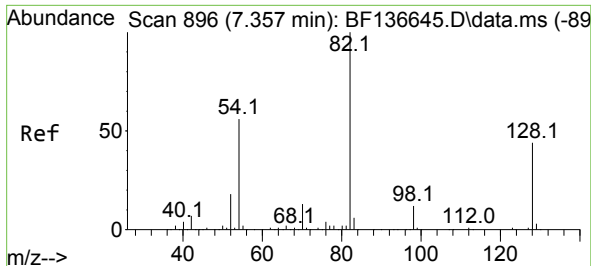
Tgt Ion: 99 Resp: 595521
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion: 136 Resp: 267402
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.4
54 8.0 7.2 10.8
68 5.2 4.9 7.3

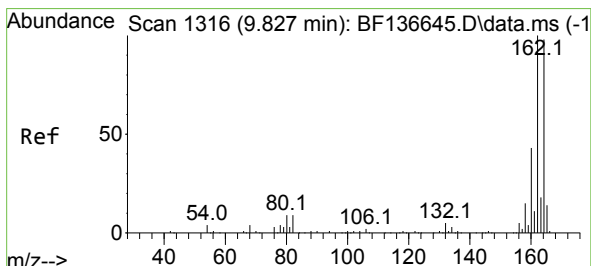
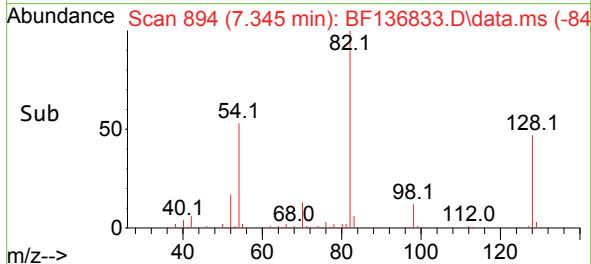
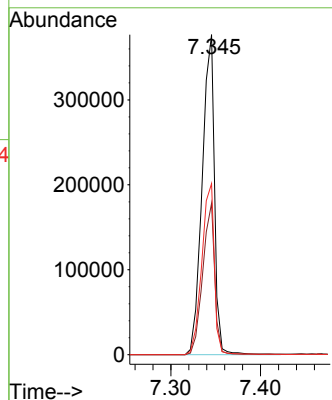
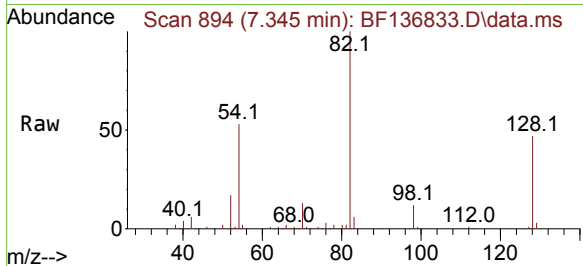




#23
 Nitrobenzene-d5
 Concen: 68.853 ng
 RT: 7.345 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BF136833.D
 Acq: 29 Dec 2023 17:13

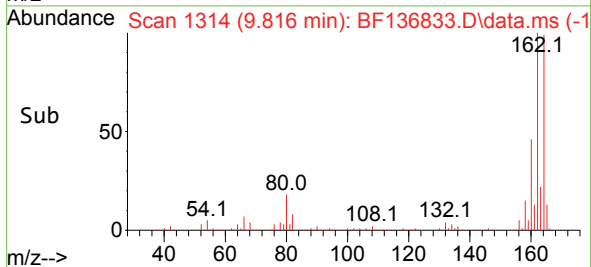
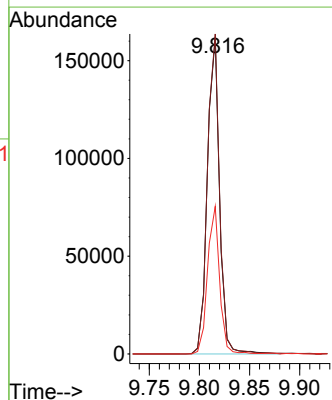
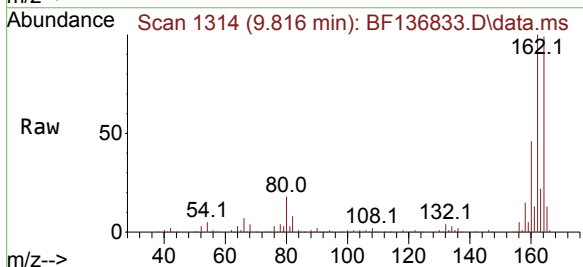
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-48

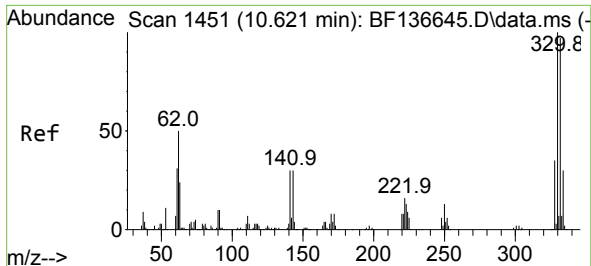
Tgt Ion: 82 Resp: 359801
 Ion Ratio Lower Upper
 82 100
 128 47.3 35.3 52.9
 54 53.5 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136833.D
 Acq: 29 Dec 2023 17:13

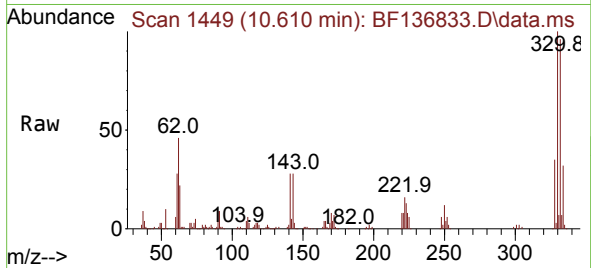
Tgt Ion:164 Resp: 137308
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.6 122.4
 160 46.6 34.9 52.3



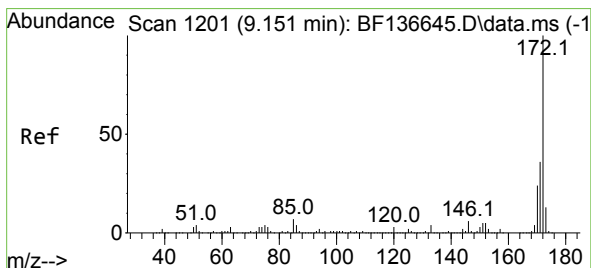
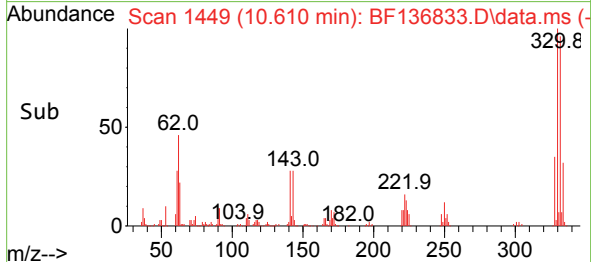
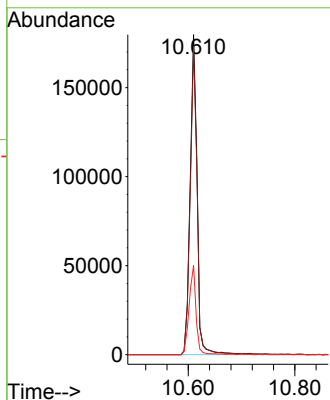


#42
2,4,6-Tribromophenol
Concen: 101.486 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Instrument :
BNA_F
ClientSampleId :
GHL-SS-48

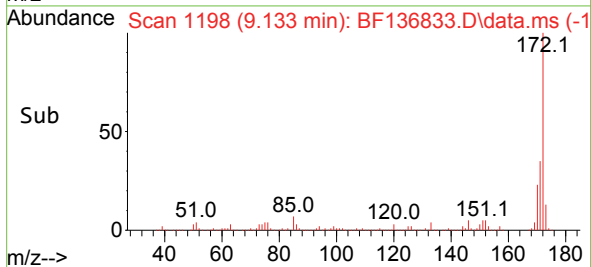
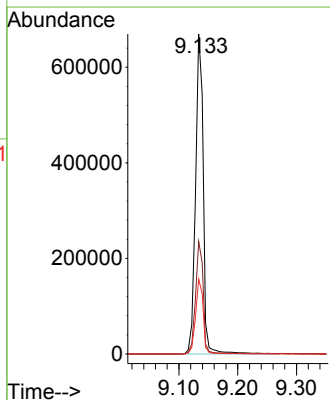
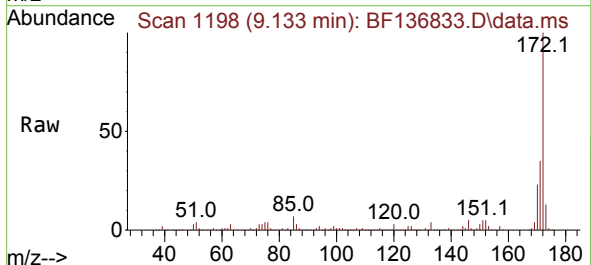


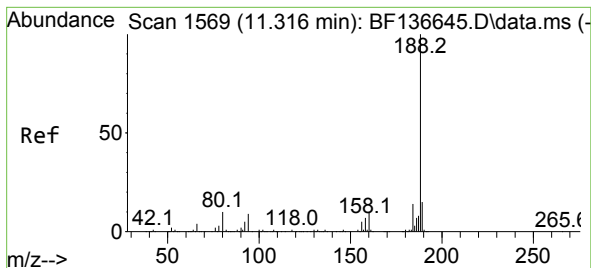
Tgt Ion:330 Resp: 164114
Ion Ratio Lower Upper
330 100
332 95.3 77.4 116.0
141 27.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.583 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136833.D
Acq: 29 Dec 2023 17:13

Tgt Ion:172 Resp: 608276
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136833.D

Acq: 29 Dec 2023 17:13

Instrument :

BNA_F

ClientSampleId :

GHL-SS-48

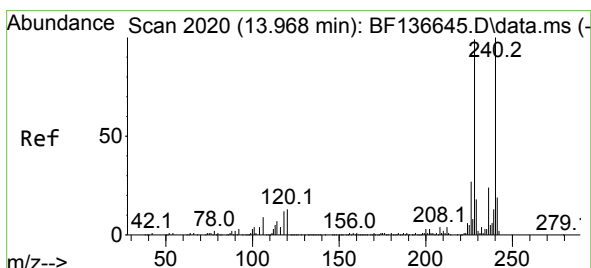
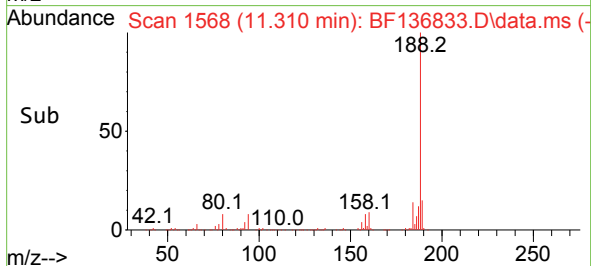
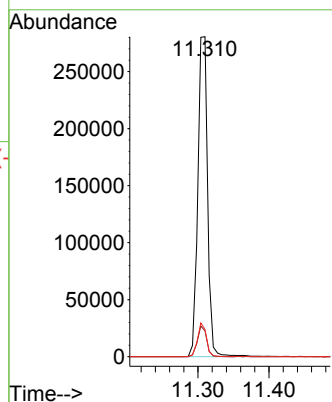
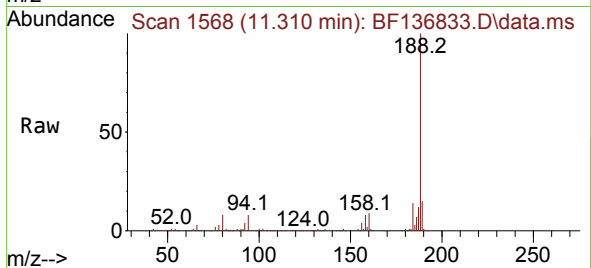
Tgt Ion:188 Resp: 269484

Ion Ratio Lower Upper

188 100

94 8.1 7.5 11.3

80 8.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136833.D

Acq: 29 Dec 2023 17:13

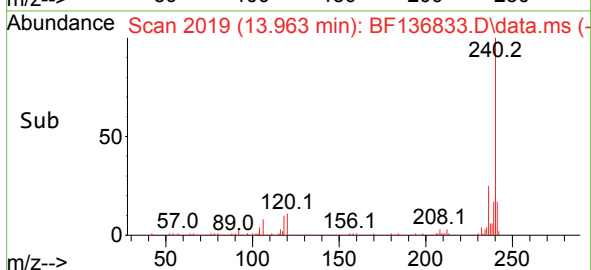
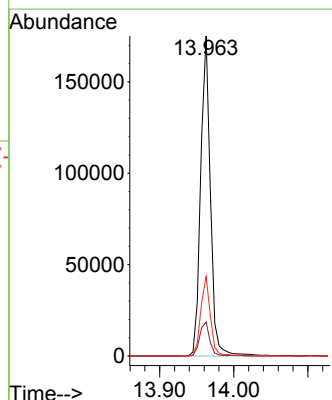
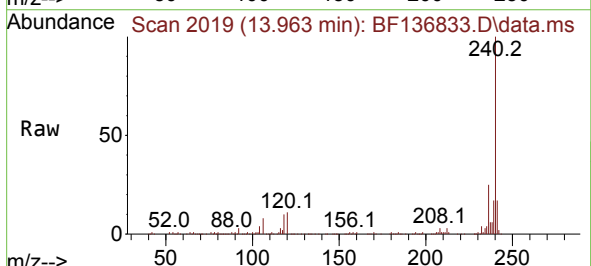
Tgt Ion:240 Resp: 159530

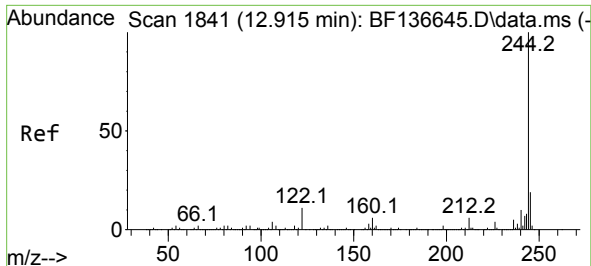
Ion Ratio Lower Upper

240 100

120 10.6 10.3 15.5

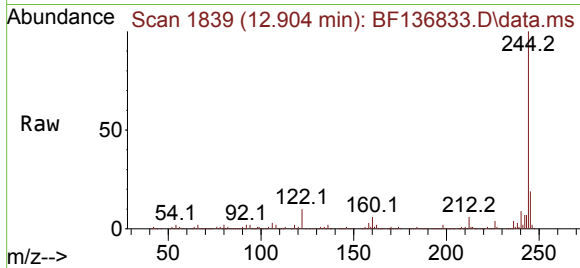
236 24.9 19.4 29.2



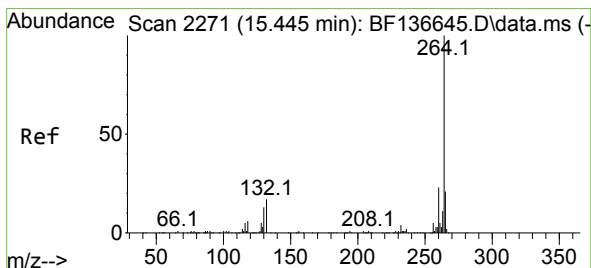
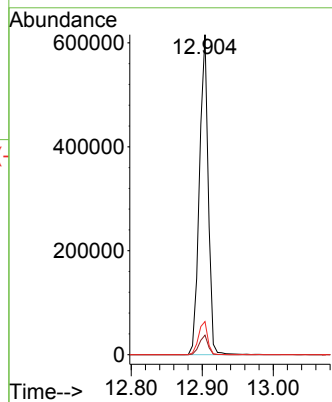
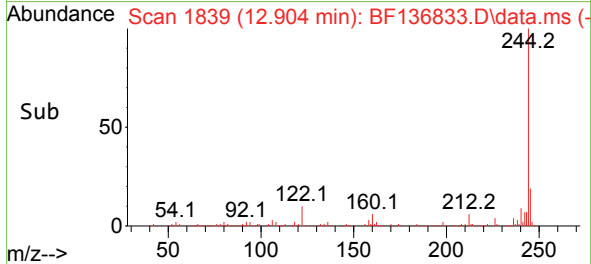


#79
 Terphenyl-d14
 Concen: 46.601 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136833.D
 Acq: 29 Dec 2023 17:13

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-48



Tgt Ion:244 Resp: 531975
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 10.4 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: BF136833.D
 Acq: 29 Dec 2023 17:13

Tgt Ion:264 Resp: 136101
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 20.4 17.0 25.6

