

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136820.D
 Acq On : 29 Dec 2023 10:33
 Operator : CG\JU
 Sample : 05899-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4

Quant Time: Dec 29 11:00:56 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	63385	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	250975	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	126917	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	240292	20.000	ng	0.00
76) Chrysene-d12	13.962	240	139254	20.000	ng	0.00
86) Perylene-d12	15.445	264	126993	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	523846	128.950	ng	0.00
7) Phenol-d6	6.434	99	656269	124.674	ng	0.00
23) Nitrobenzene-d5	7.345	82	417855	85.196	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	189177	126.563	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	823115	87.228	ng	-0.01
79) Terphenyl-d14	12.910	244	806722	80.958	ng	0.00

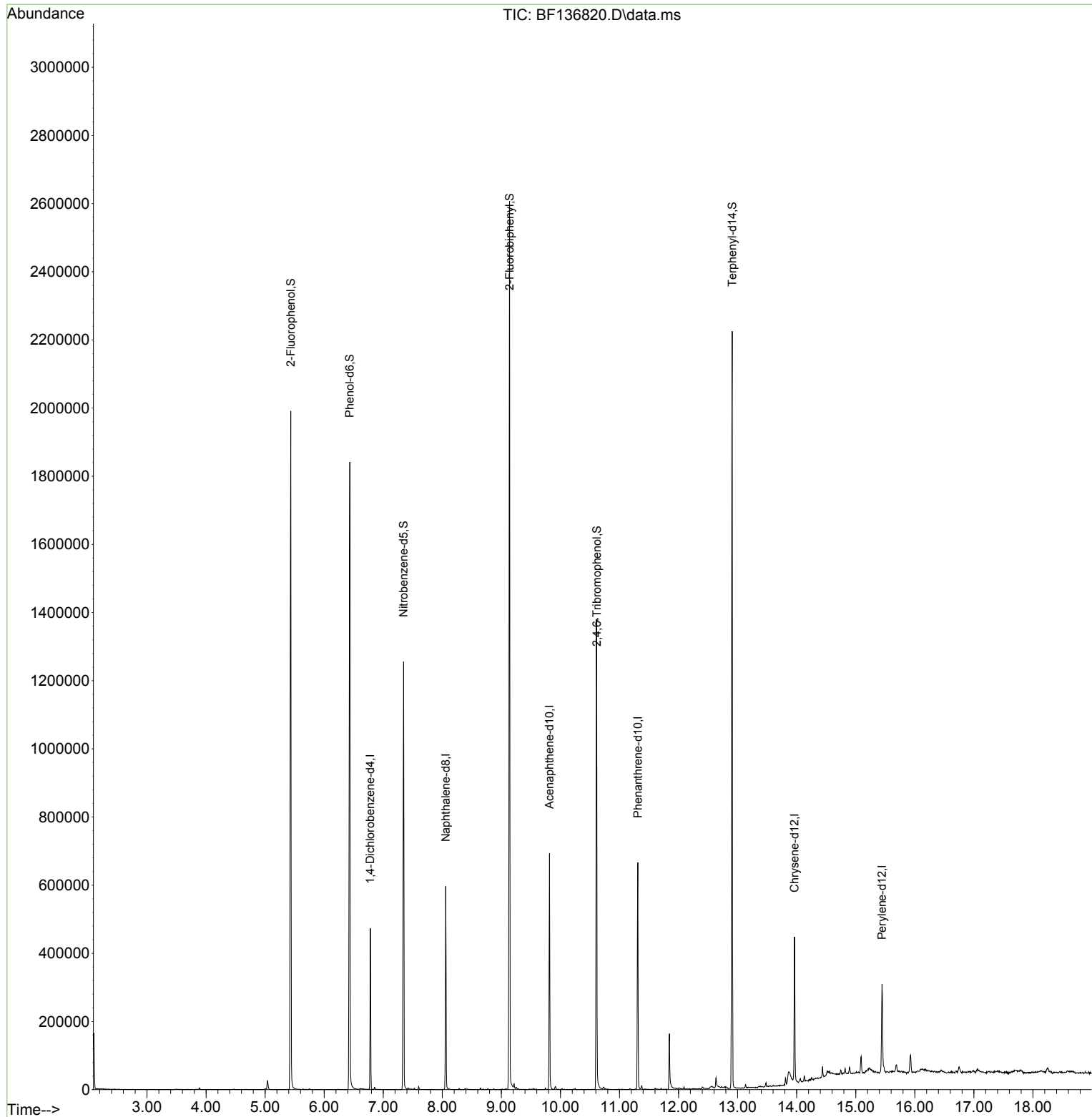
Target Compounds	Qvalue

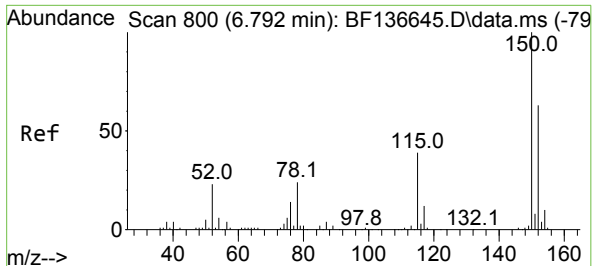
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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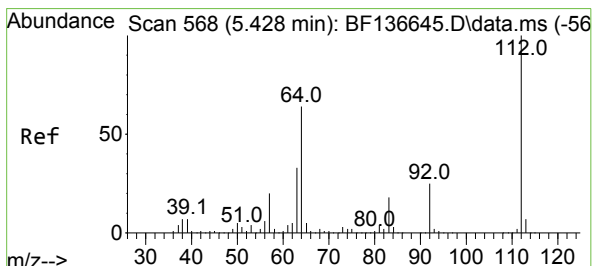
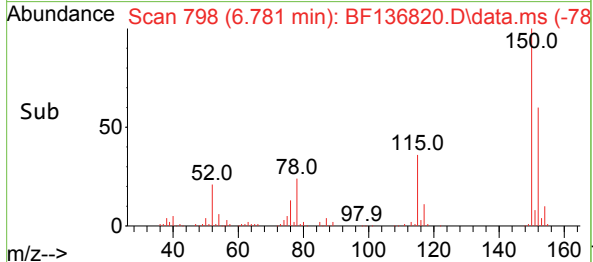
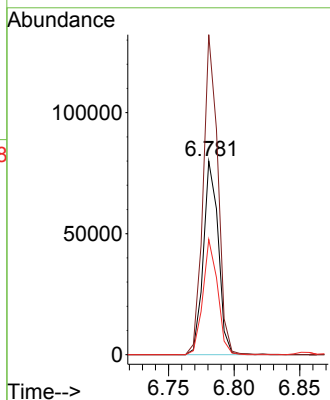
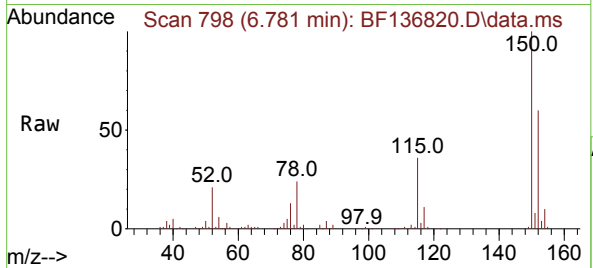




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

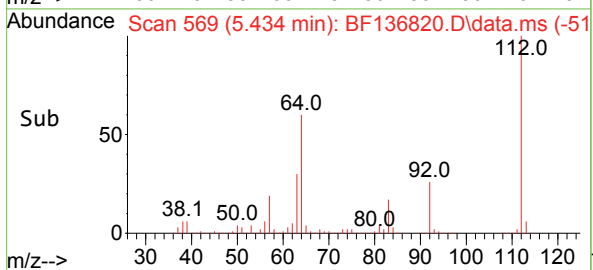
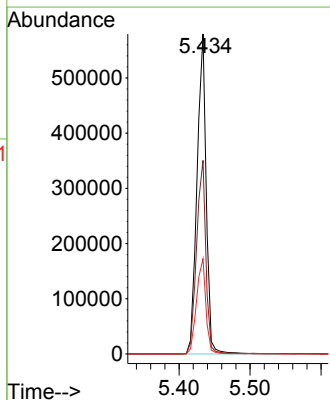
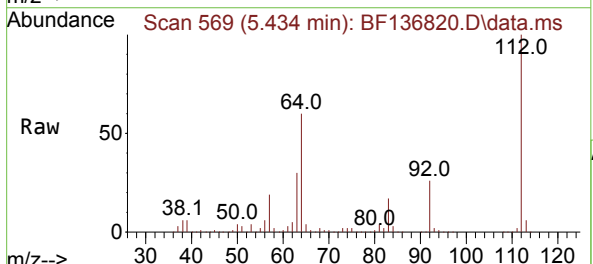
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

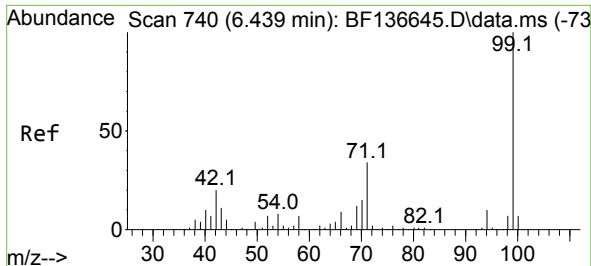
Tgt Ion:152 Resp: 63385
Ion Ratio Lower Upper
152 100
150 165.3 127.0 190.6
115 59.5 49.0 73.4



#5
2-Fluorophenol
Concen: 128.950 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion:112 Resp: 523846
Ion Ratio Lower Upper
112 100
64 60.5 51.1 76.7
63 29.8 26.1 39.1

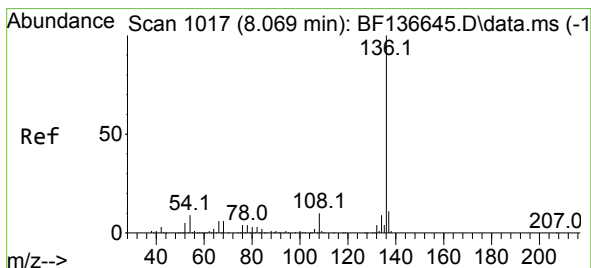
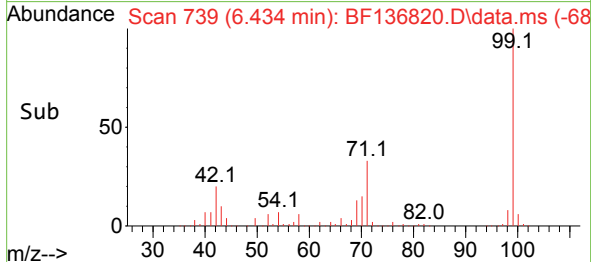
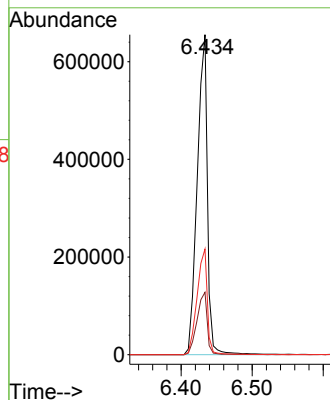
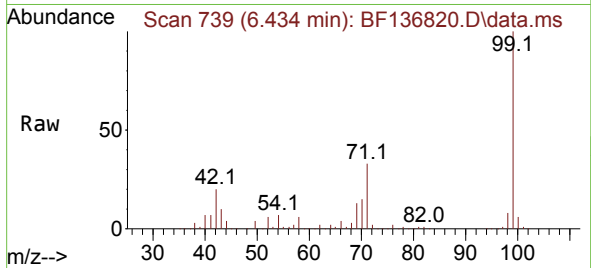




#7
Phenol-d6
Concen: 124.674 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

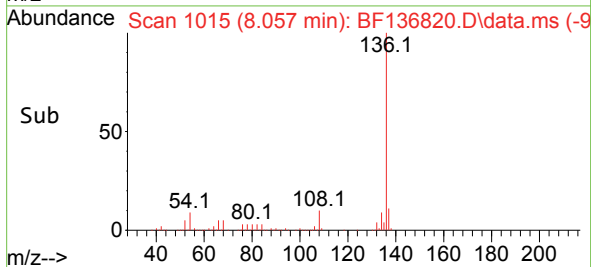
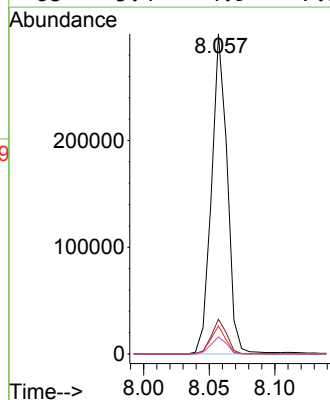
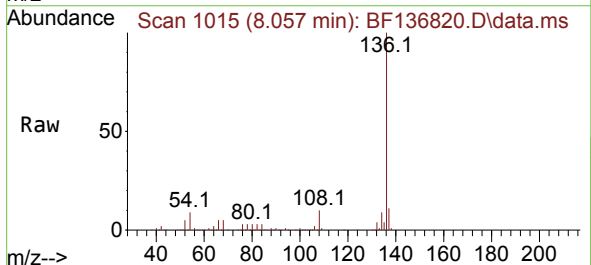
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

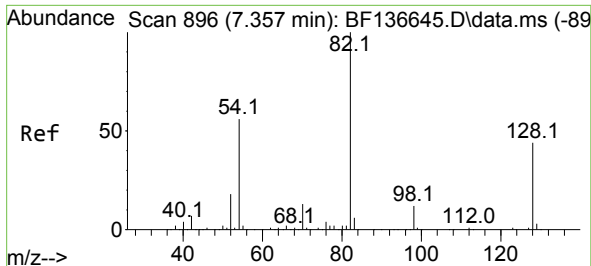
Tgt Ion: 99 Resp: 656269
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

Tgt Ion:136 Resp: 250975
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.7 7.2 10.8
68 5.4 4.9 7.3

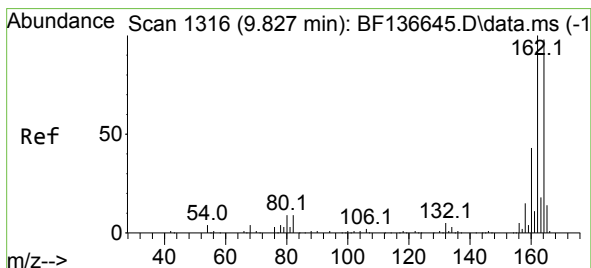
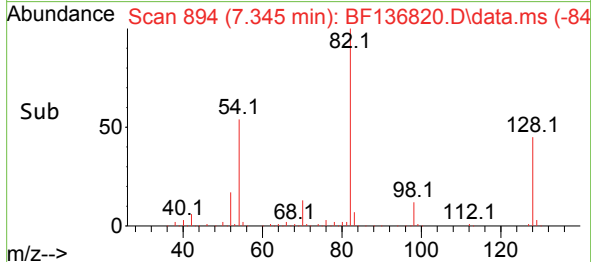
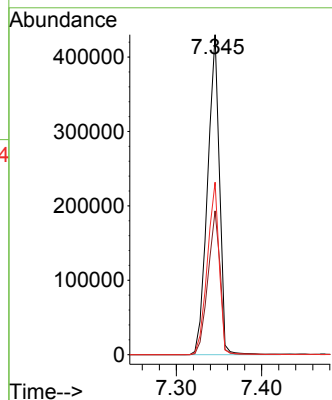
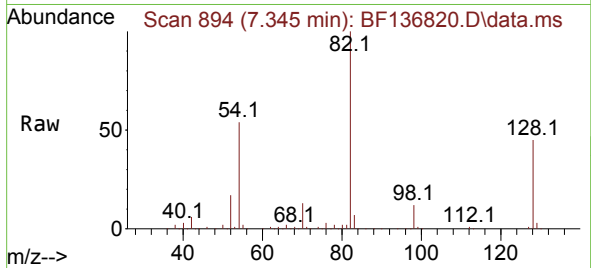




#23
Nitrobenzene-d5
Concen: 85.196 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

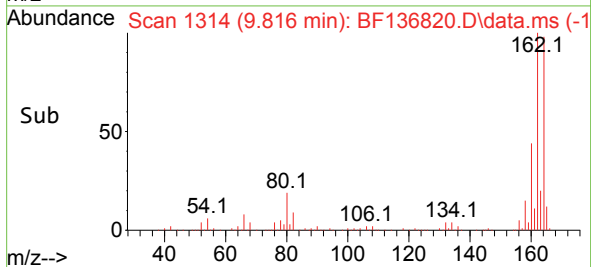
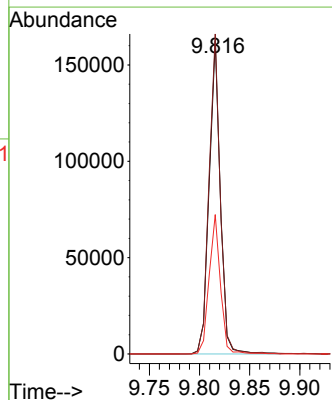
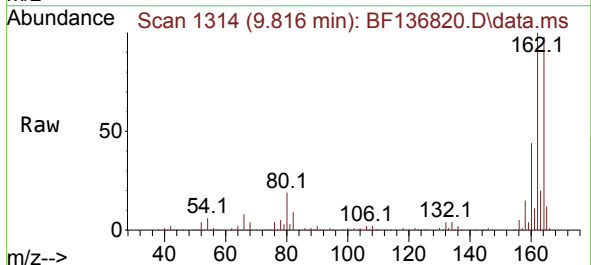
Instrument :
BNA_F
ClientSampleId :
GHL-SS-15-2-4

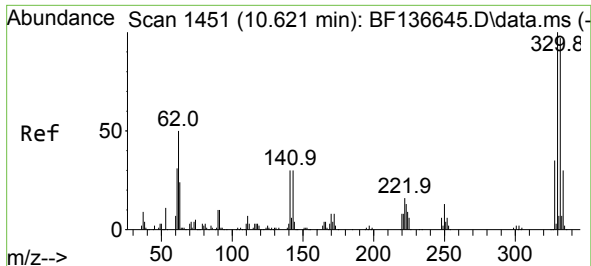
Tgt Ion: 82 Resp: 417855
Ion Ratio Lower Upper
82 100
128 45.0 35.3 52.9
54 53.9 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136820.D
Acq: 29 Dec 2023 10:33

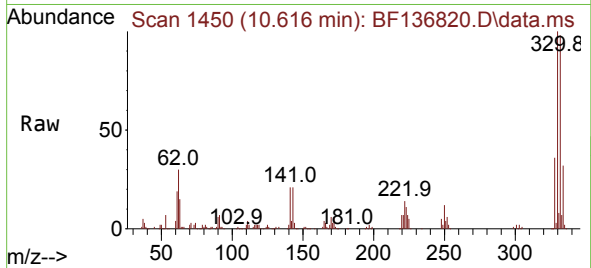
Tgt Ion:164 Resp: 126917
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 44.5 34.9 52.3



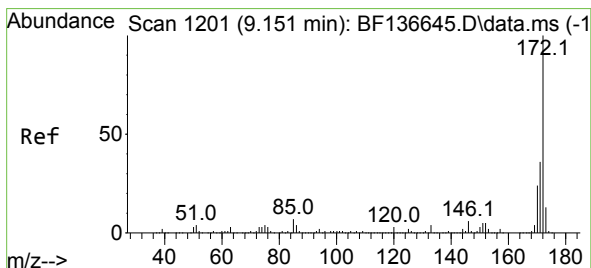
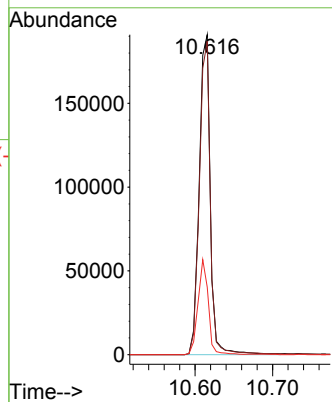
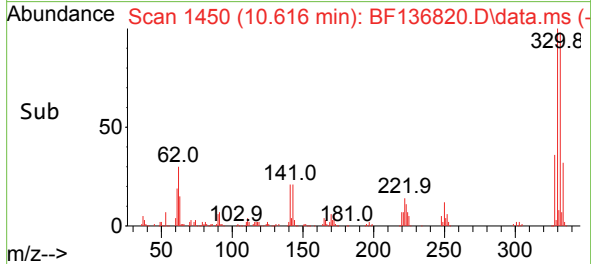


#42
 2,4,6-Tribromophenol
 Concen: 126.563 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: BF136820.D
 Acq: 29 Dec 2023 10:33

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4

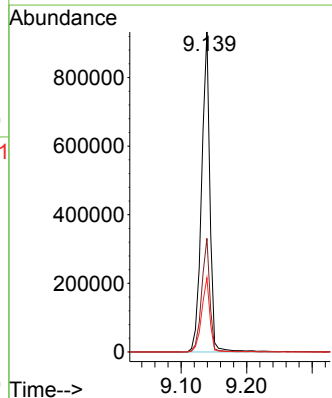
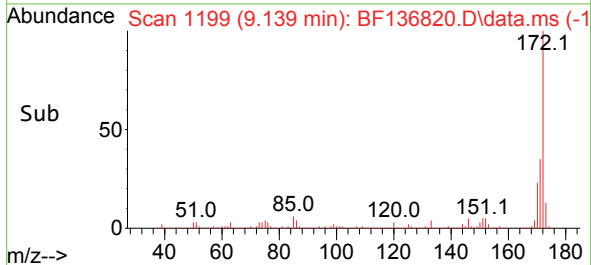
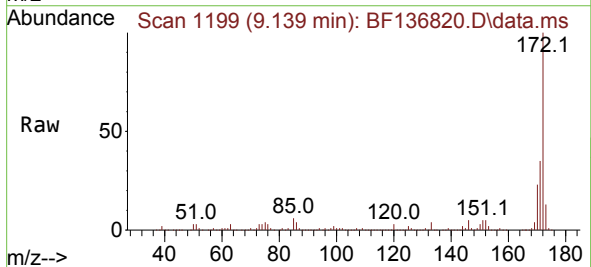


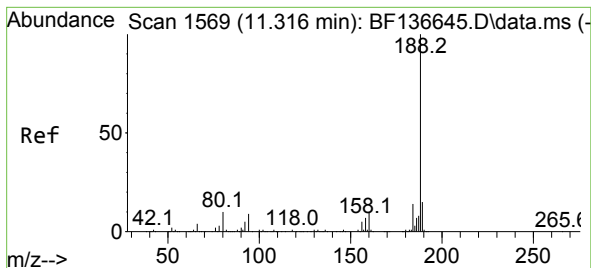
Tgt Ion:330 Resp: 189177
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.0
 141 27.7 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 87.228 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. -0.012 min
 Lab File: BF136820.D
 Acq: 29 Dec 2023 10:33

Tgt Ion:172 Resp: 823115
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136820.D

Acq: 29 Dec 2023 10:33

Instrument :

BNA_F

ClientSampleId :

GHL-SS-15-2-4

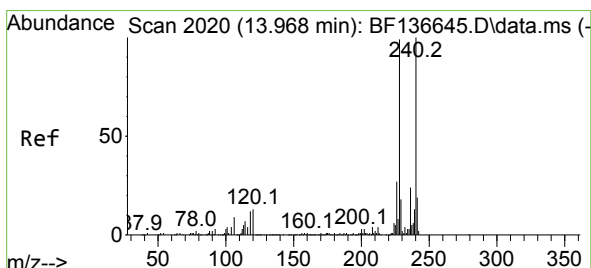
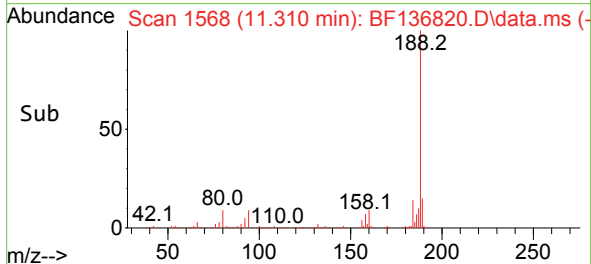
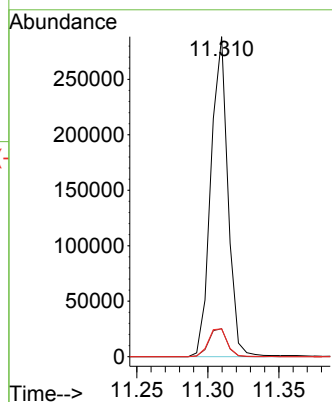
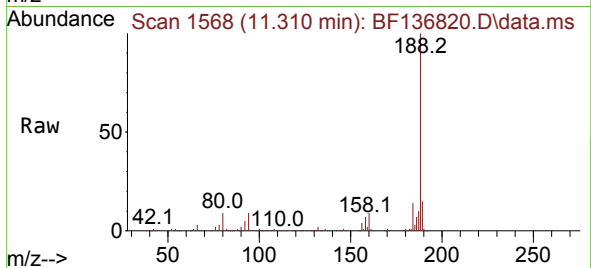
Tgt Ion:188 Resp: 240292

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 8.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136820.D

Acq: 29 Dec 2023 10:33

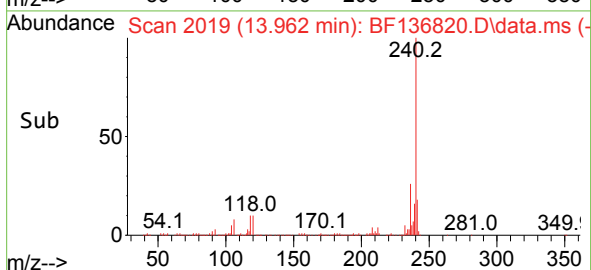
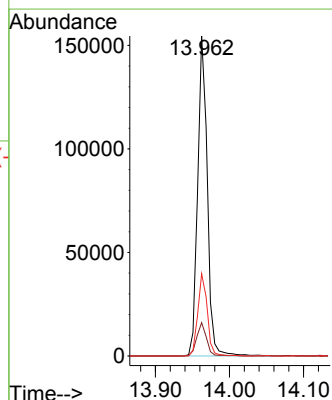
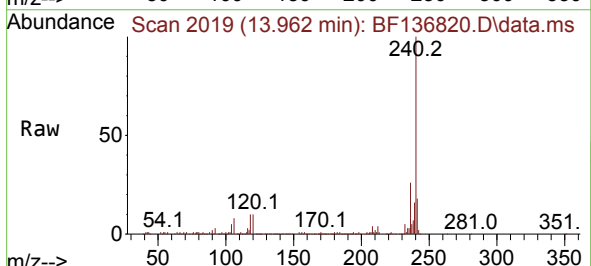
Tgt Ion:240 Resp: 139254

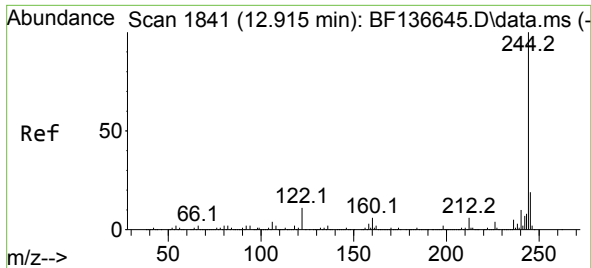
Ion Ratio Lower Upper

240 100

120 10.4 10.3 15.5

236 25.7 19.4 29.2

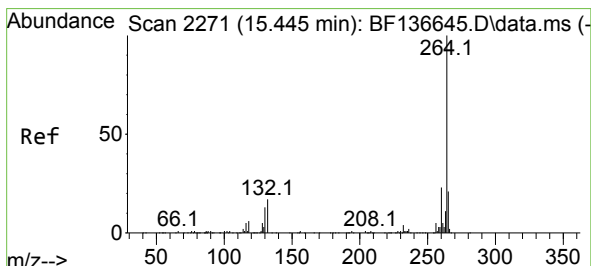
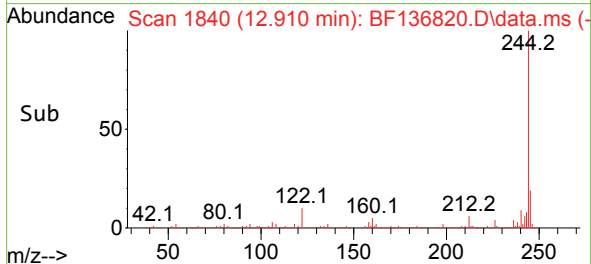
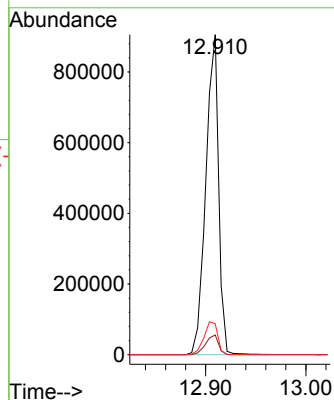
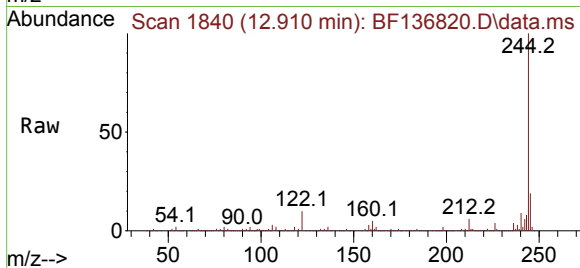




#79
 Terphenyl-d14
 Concen: 80.958 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136820.D
 Acq: 29 Dec 2023 10:33

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-15-2-4

Tgt Ion:244 Resp: 806722
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.7 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: BF136820.D
 Acq: 29 Dec 2023 10:33

Tgt Ion:264 Resp: 126993
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.3 27.5
 265 22.1 17.0 25.6

