

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136862.D
 Acq On : 30 Dec 2023 09:26
 Operator : CG\JU
 Sample : 05897-19
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-23

Quant Time: Jan 01 00:33:38 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	71237	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	272990	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	135323	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	230611	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	127840	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	151068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	409160	89.617	ng	0.00
7) Phenol-d6	6.428	99	523562	88.500	ng	-0.01
23) Nitrobenzene-d5	7.345	82	318735	59.746	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	118686	74.471	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	601295	59.763	ng	-0.02
79) Terphenyl-d14	12.904	244	464194	50.743	ng	-0.01

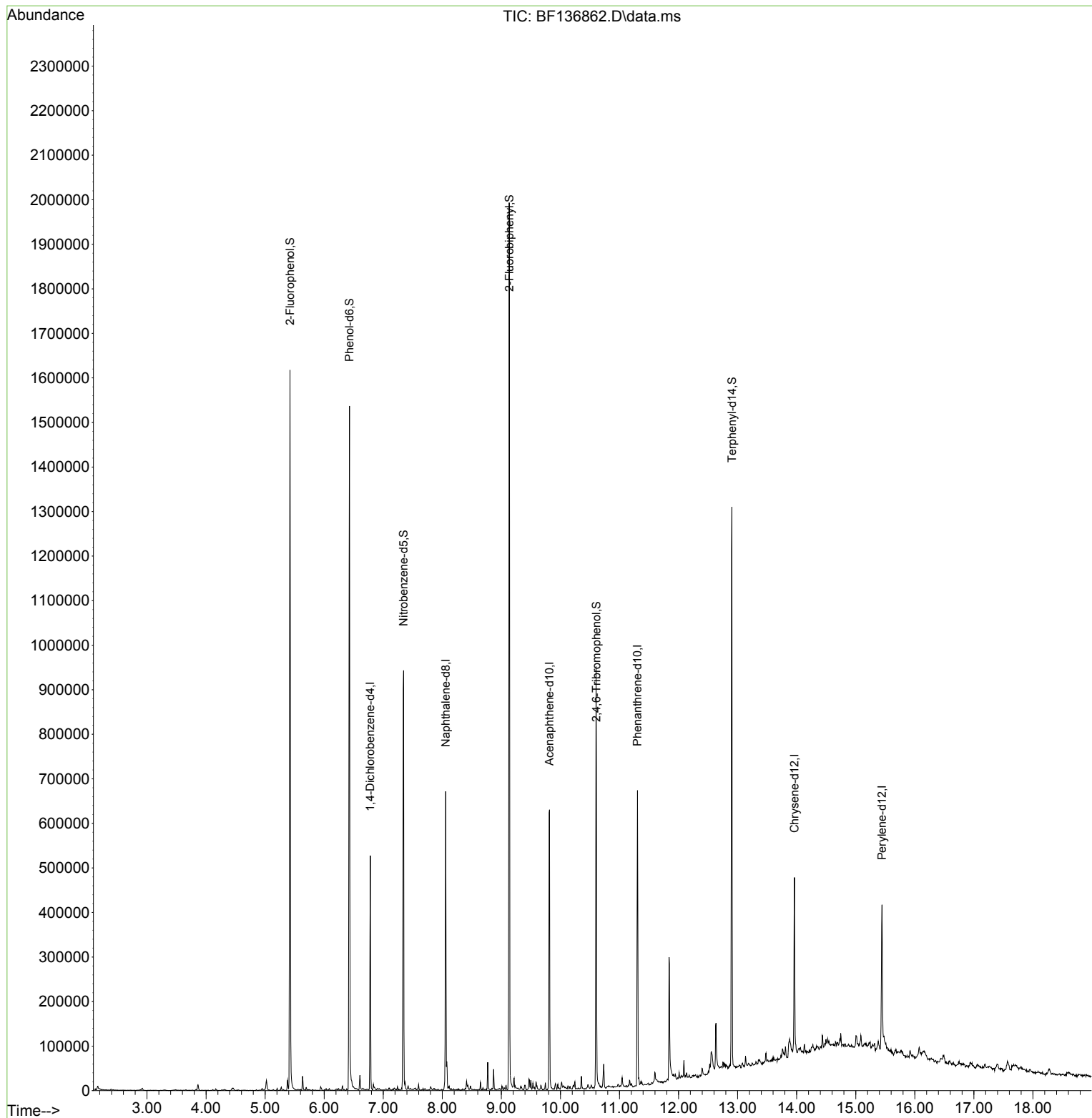
Target Compounds	Qvalue

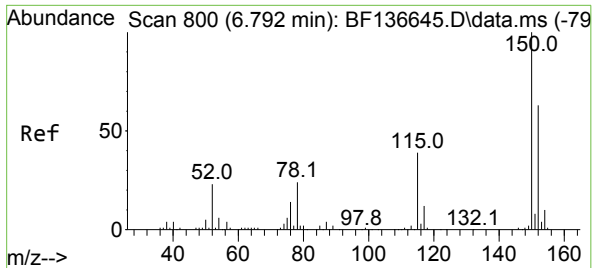
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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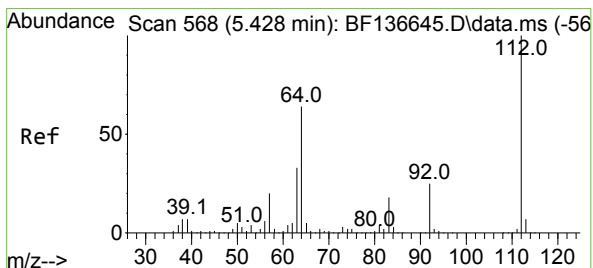
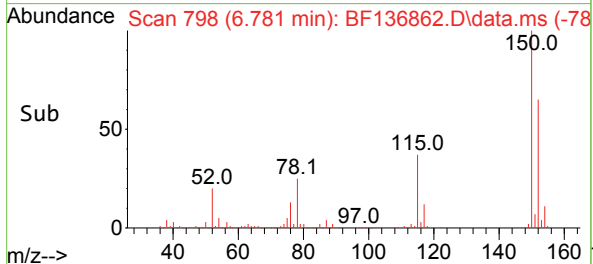
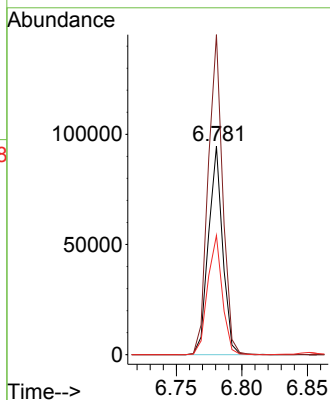
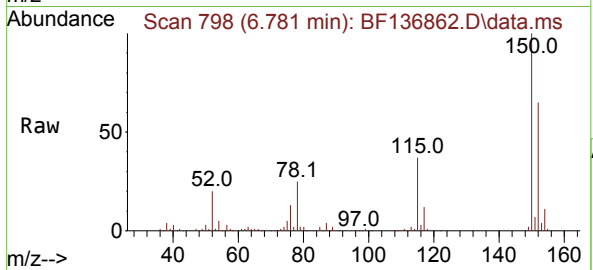




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

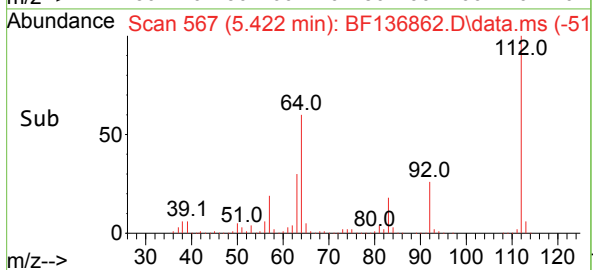
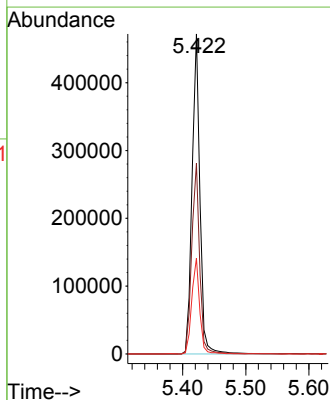
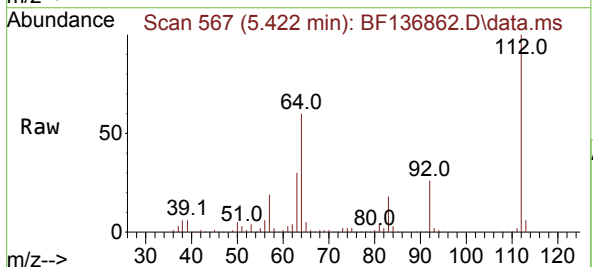
Instrument :
BNA_F
ClientSampleId :
GHL-SS-23

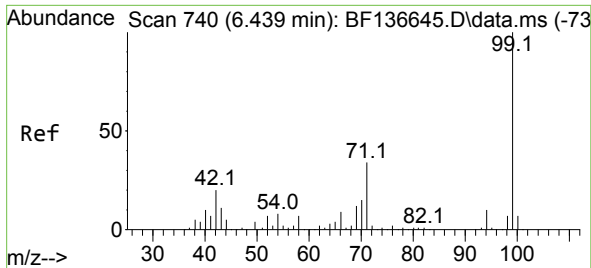
Tgt Ion:152 Resp: 71237
Ion Ratio Lower Upper
152 100
150 153.3 127.0 190.6
115 57.1 49.0 73.4



#5
2-Fluorophenol
Concen: 89.617 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

Tgt Ion:112 Resp: 409160
Ion Ratio Lower Upper
112 100
64 59.6 51.1 76.7
63 30.0 26.1 39.1

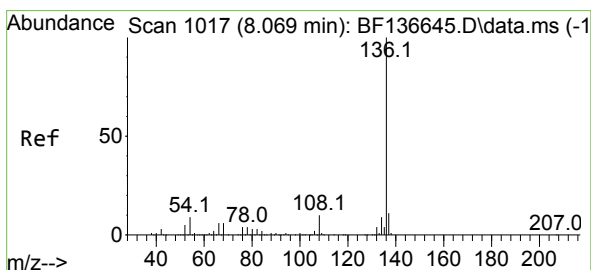
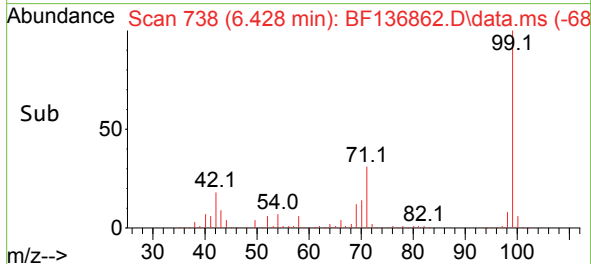
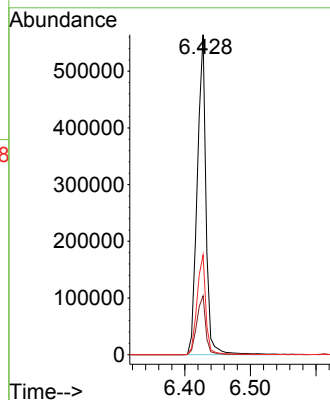
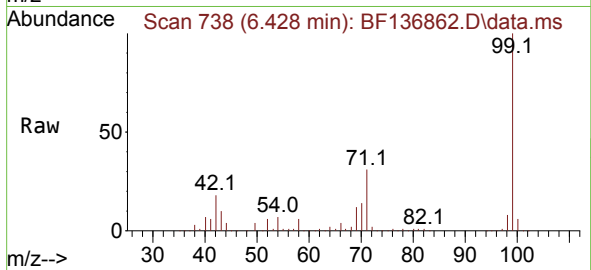




#7
Phenol-d6
Concen: 88.500 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

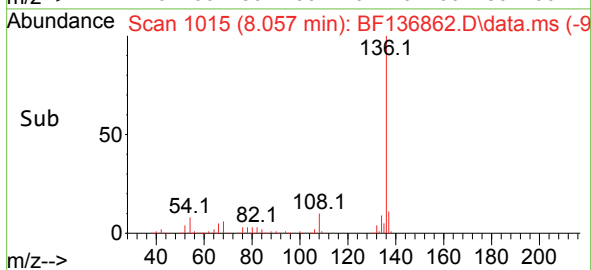
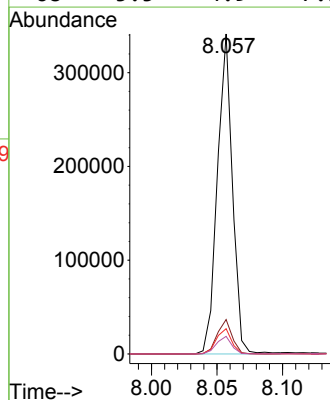
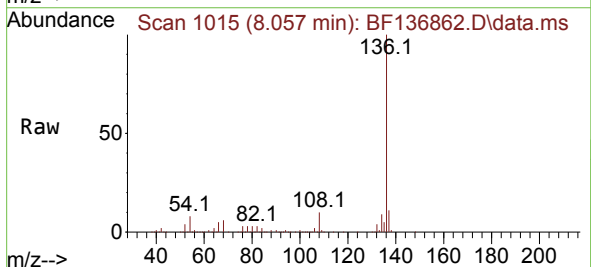
Instrument :
BNA_F
ClientSampleId :
GHL-SS-23

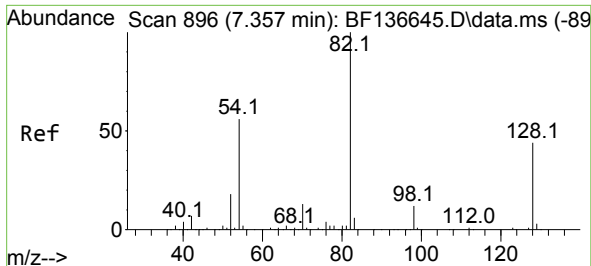
Tgt Ion: 99 Resp: 523562
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 31.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

Tgt Ion:136 Resp: 272990
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.9 7.2 10.8
68 5.5 4.9 7.3

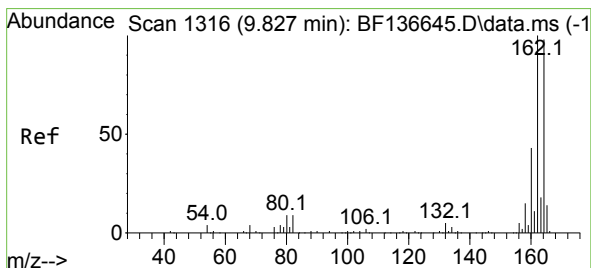
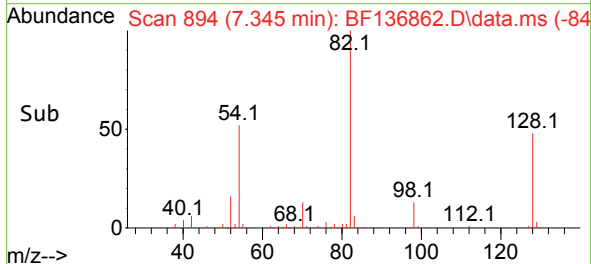
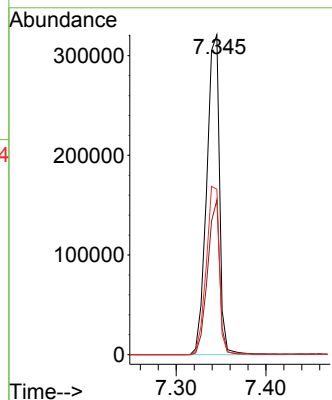
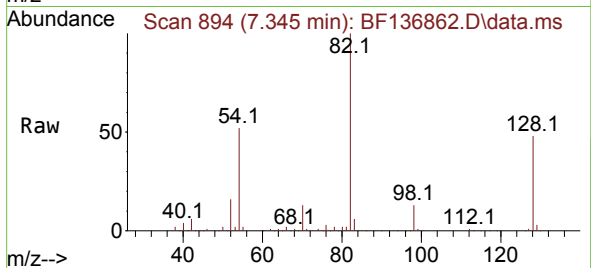




#23
Nitrobenzene-d5
Concen: 59.746 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

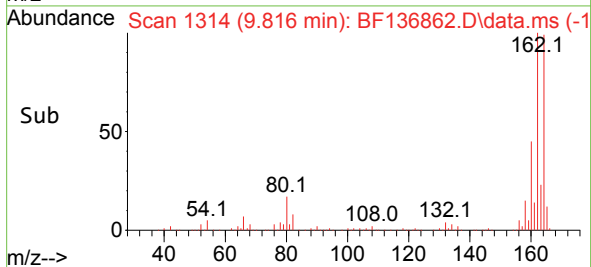
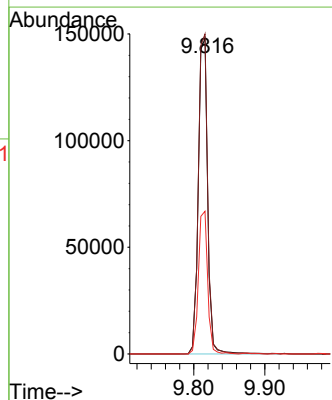
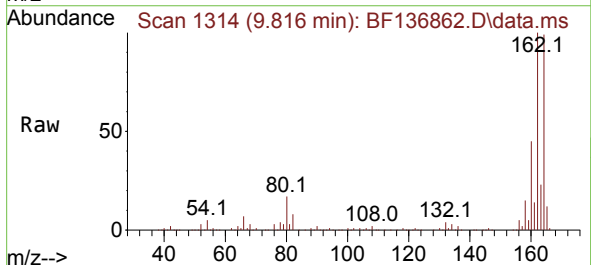
Instrument :
BNA_F
ClientSampleId :
GHL-SS-23

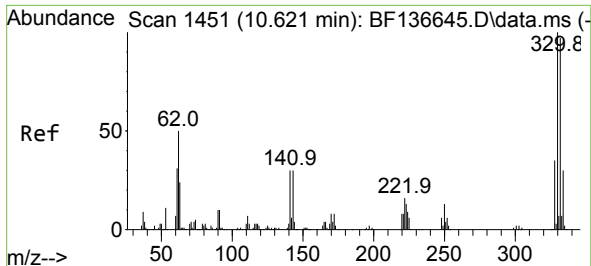
Tgt Ion: 82 Resp: 318735
Ion Ratio Lower Upper
82 100
128 48.3 35.3 52.9
54 51.7 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

Tgt Ion:164 Resp: 135323
Ion Ratio Lower Upper
164 100
162 101.3 81.6 122.4
160 45.2 34.9 52.3

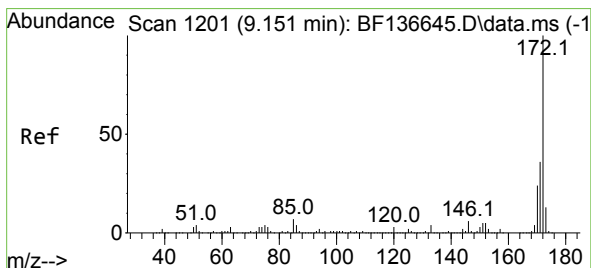
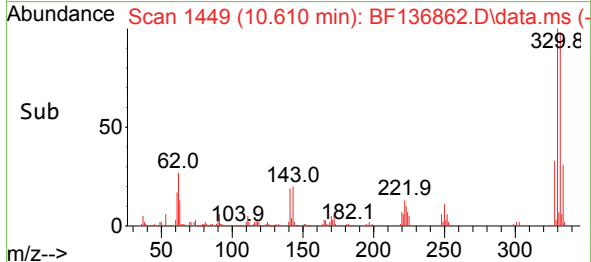
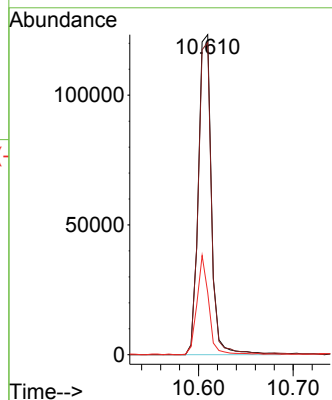
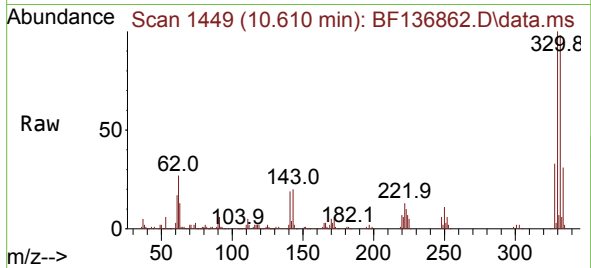




#42
2,4,6-Tribromophenol
Concen: 74.471 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

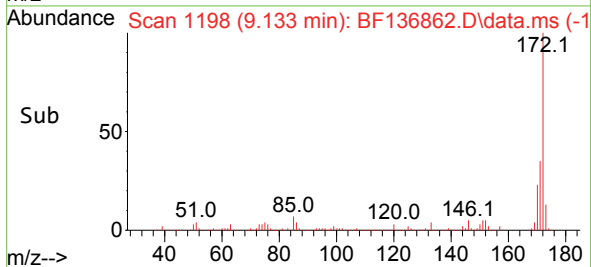
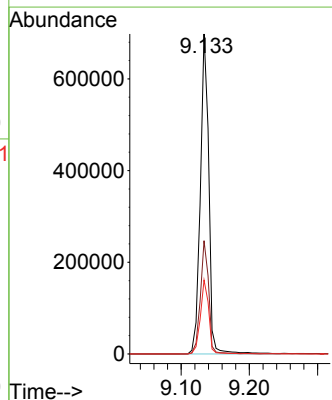
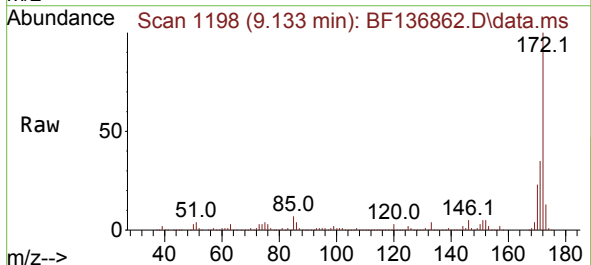
Instrument :
BNA_F
ClientSampleId :
GHL-SS-23

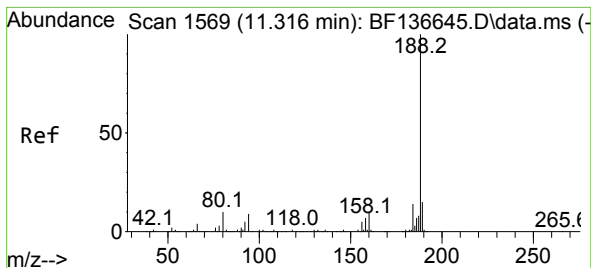
Tgt Ion: 330 Resp: 118686
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.0
141 28.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 59.763 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136862.D
Acq: 30 Dec 2023 09:26

Tgt Ion: 172 Resp: 601295
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136862.D

Acq: 30 Dec 2023 09:26

Instrument :

BNA_F

ClientSampleId :

GHL-SS-23

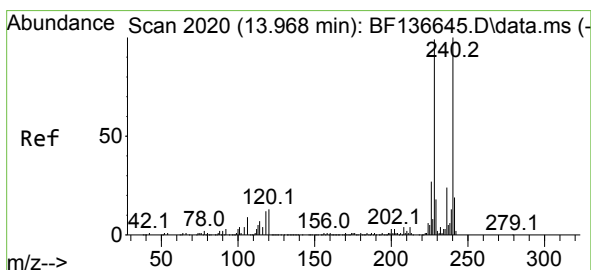
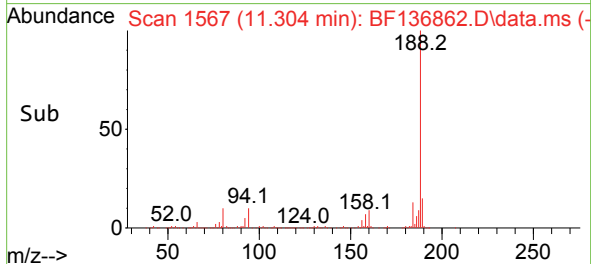
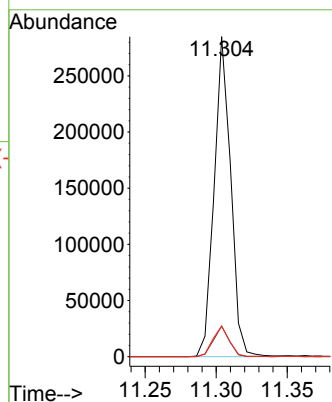
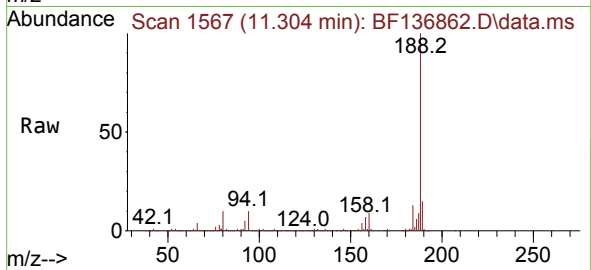
Tgt Ion:188 Resp: 230611

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.5 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: BF136862.D

Acq: 30 Dec 2023 09:26

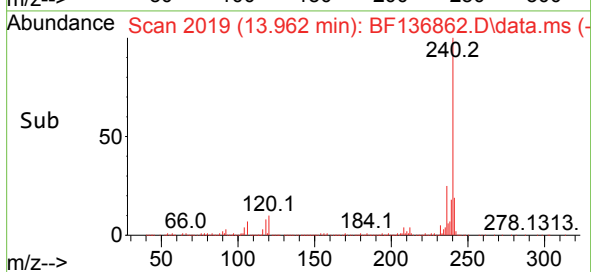
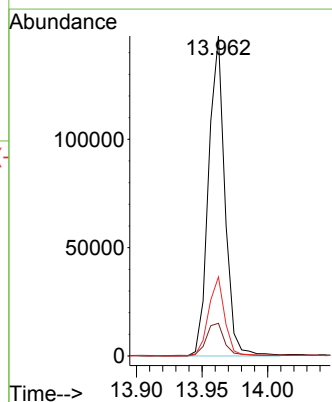
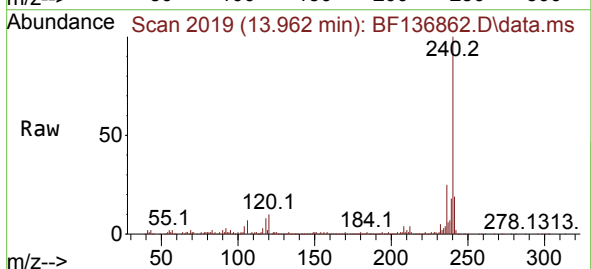
Tgt Ion:240 Resp: 127840

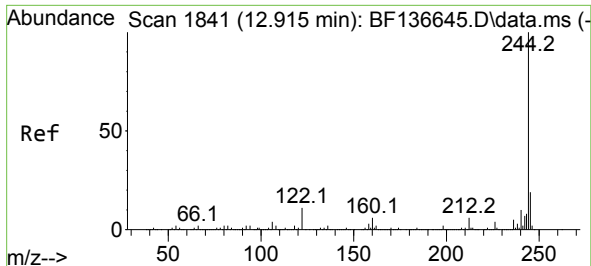
Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

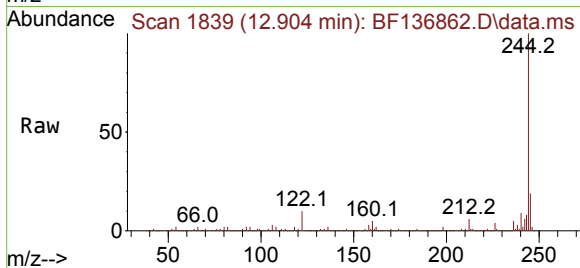
236 24.7 19.4 29.2



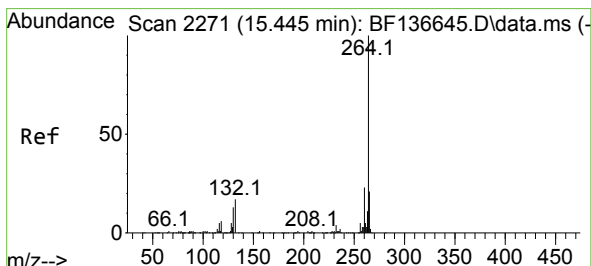
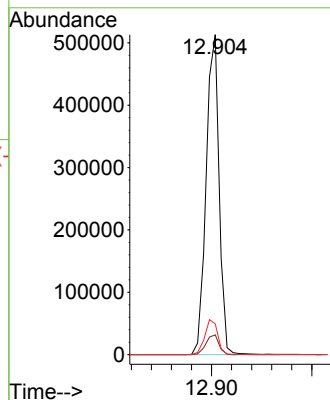
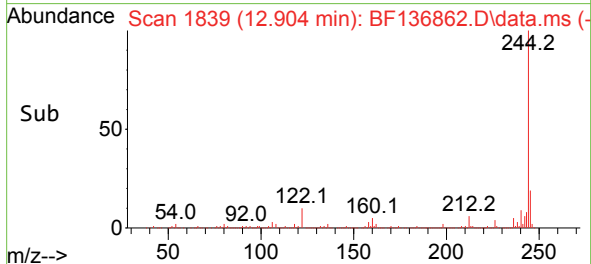


#79
 Terphenyl-d14
 Concen: 50.743 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136862.D
 Acq: 30 Dec 2023 09:26

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 464194
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 9.6 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: BF136862.D
 Acq: 30 Dec 2023 09:26

Tgt Ion:264 Resp: 151068
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 21.6 17.0 25.6

