

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136839.D
 Acq On : 29 Dec 2023 20:18
 Operator : CG\JU
 Sample : 05897-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-43

Quant Time: Dec 30 01:04:37 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	69281	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	255902	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	131958	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	246838	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	127222	20.000	ng	0.00
86) Perylene-d12	15.439	264	130863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	404314	91.056	ng	0.00
7) Phenol-d6	6.428	99	524147	91.100	ng	-0.01
23) Nitrobenzene-d5	7.345	82	319986	63.986	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	133816	86.105	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	604668	61.631	ng	-0.02
79) Terphenyl-d14	12.904	244	509585	55.975	ng	-0.01

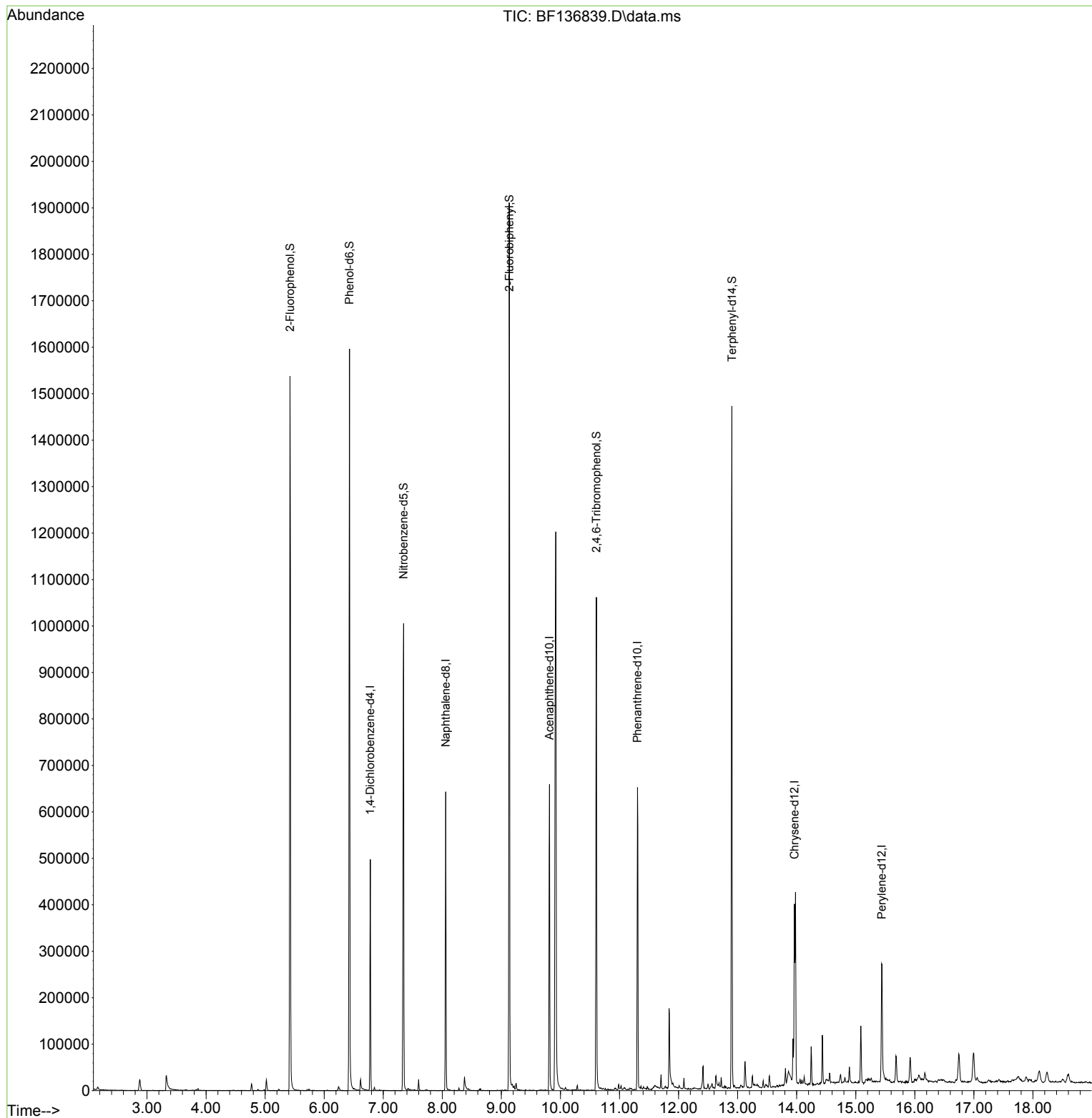
Target Compounds	Qvalue

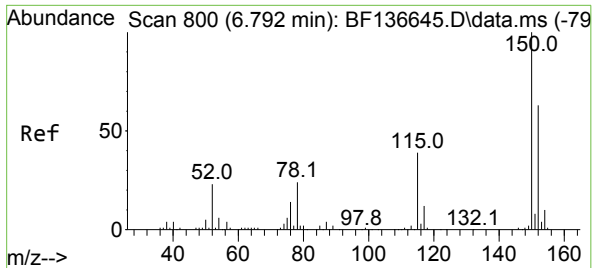
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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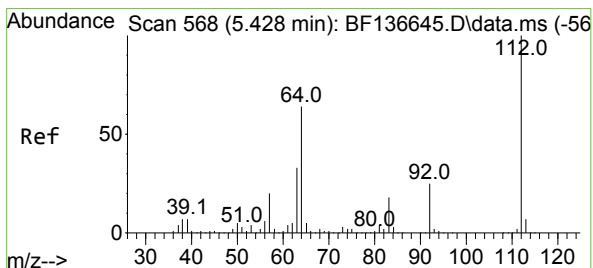
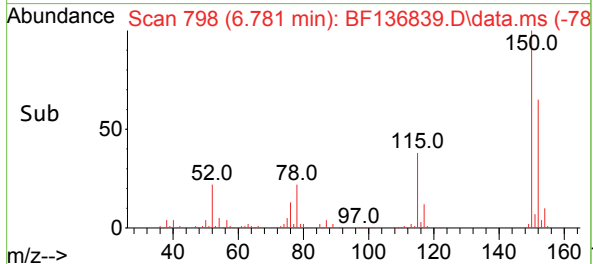
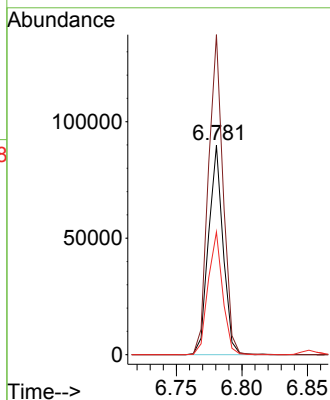
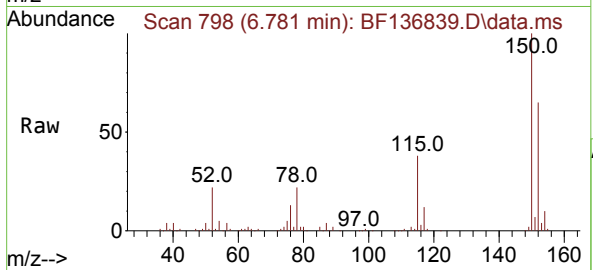




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136839.D
Acq: 29 Dec 2023 20:18

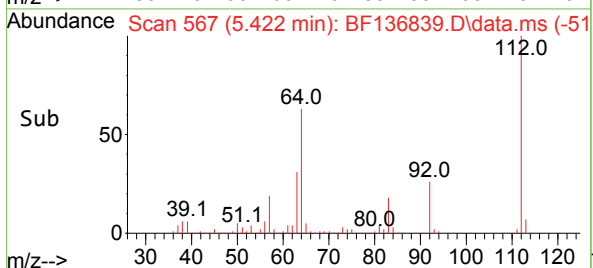
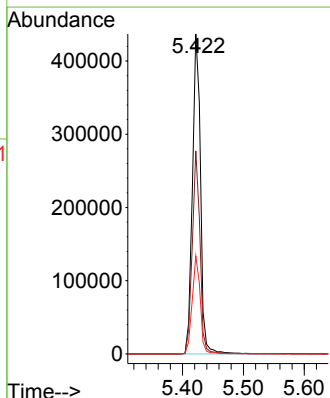
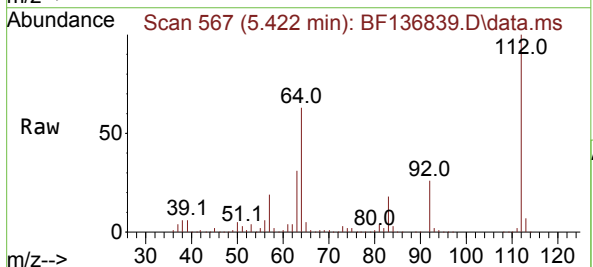
Instrument :
BNA_F
ClientSampleId :
GHL-SS-43

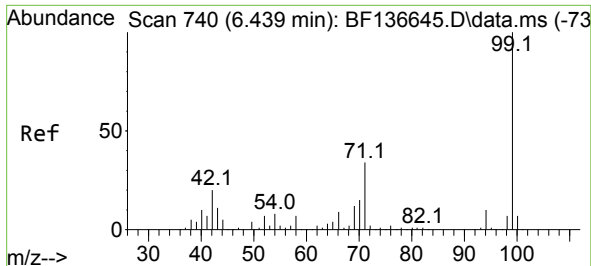
Tgt Ion:152 Resp: 69281
Ion Ratio Lower Upper
152 100
150 152.7 127.0 190.6
115 58.6 49.0 73.4



#5
2-Fluorophenol
Concen: 91.056 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136839.D
Acq: 29 Dec 2023 20:18

Tgt Ion:112 Resp: 404314
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 30.7 26.1 39.1

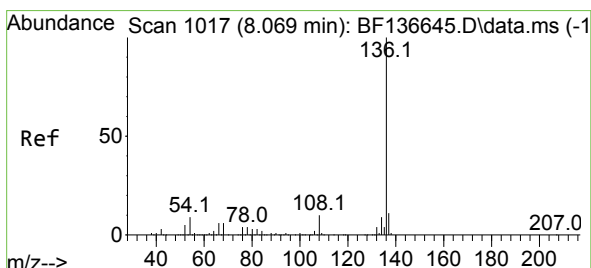
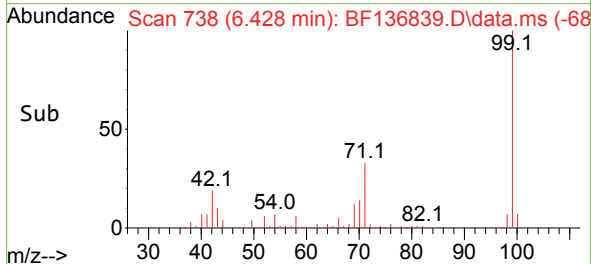
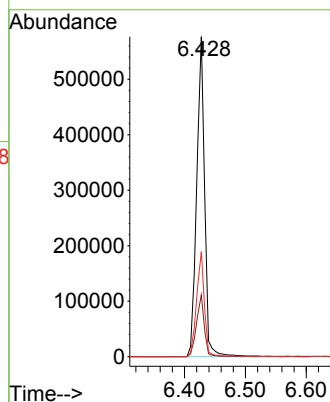
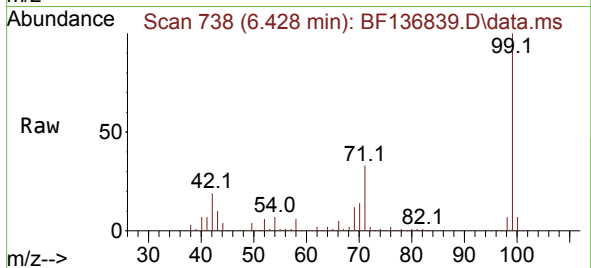




#7
Phenol-d6
Concen: 91.100 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136839.D
Acq: 29 Dec 2023 20:18

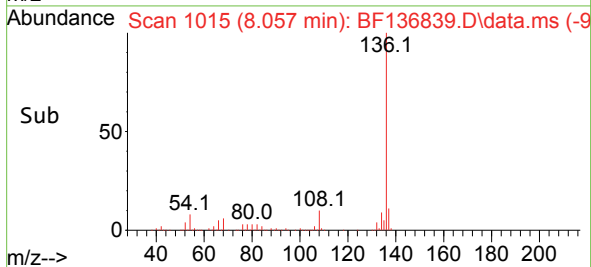
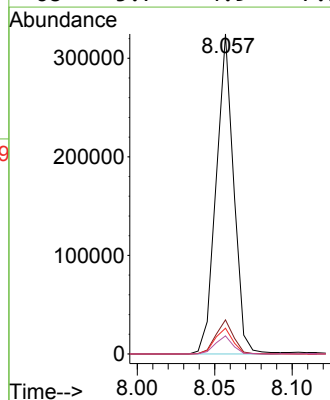
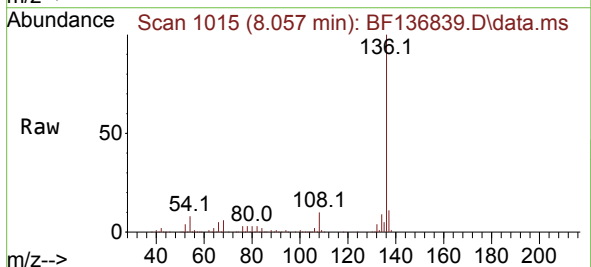
Instrument :
BNA_F
ClientSampleId :
GHL-SS-43

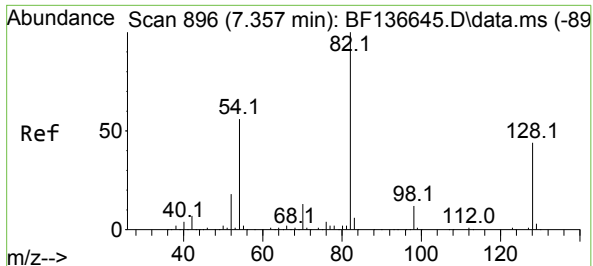
Tgt Ion: 99 Resp: 524147
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136839.D
Acq: 29 Dec 2023 20:18

Tgt Ion: 136 Resp: 255902
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 8.0 7.2 10.8
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 63.986 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136839.D

Acq: 29 Dec 2023 20:18

Instrument :

BNA_F

ClientSampleId :

GHL-SS-43

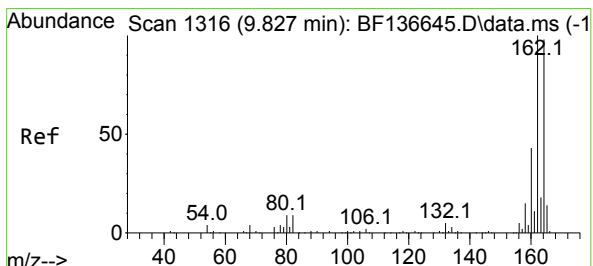
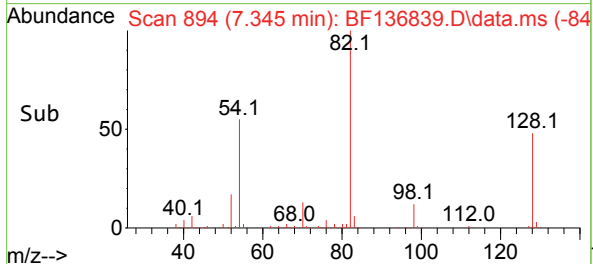
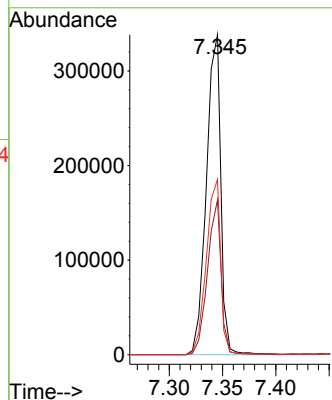
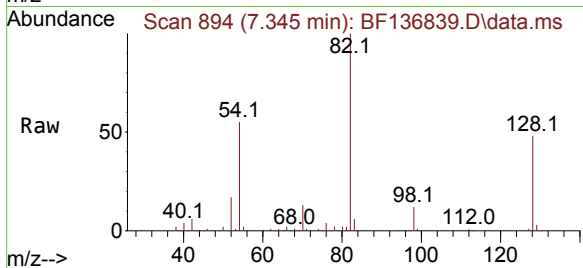
Tgt Ion: 82 Resp: 319986

Ion Ratio Lower Upper

82 100

128 48.3 35.3 52.9

54 54.8 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: BF136839.D

Acq: 29 Dec 2023 20:18

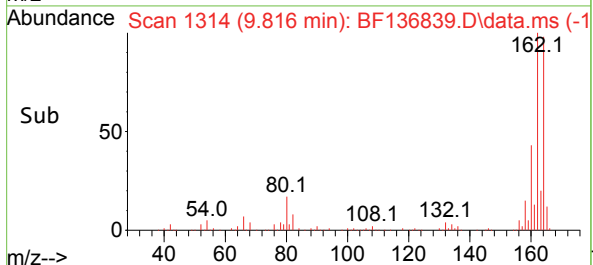
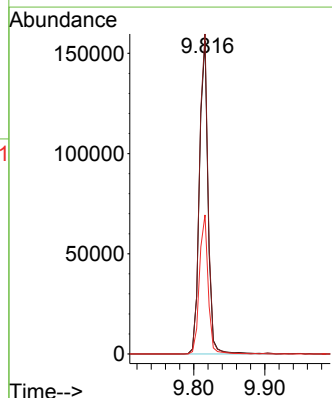
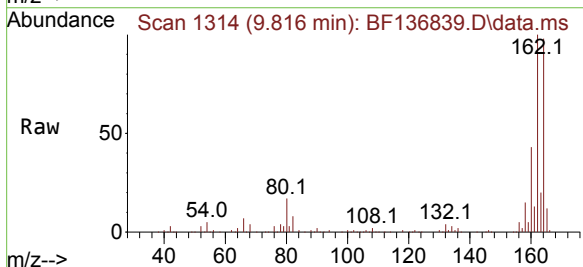
Tgt Ion:164 Resp: 131958

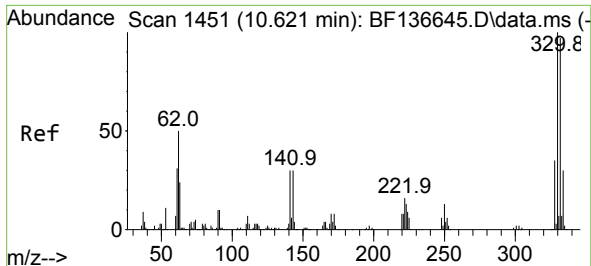
Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

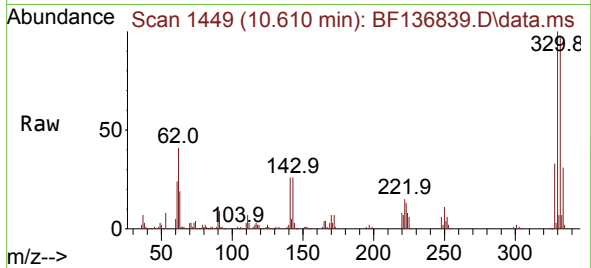
160 44.4 34.9 52.3



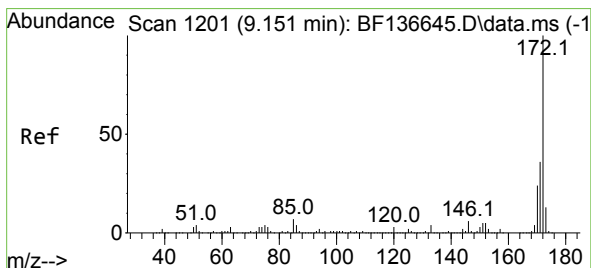
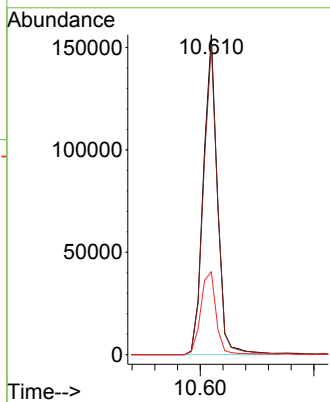
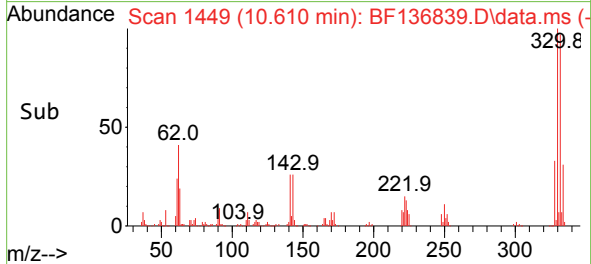


#42
2,4,6-Tribromophenol
Concen: 86.105 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136839.D
Acq: 29 Dec 2023 20:18

Instrument :
BNA_F
ClientSampleId :
GHL-SS-43

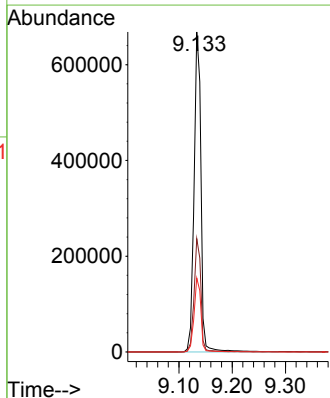
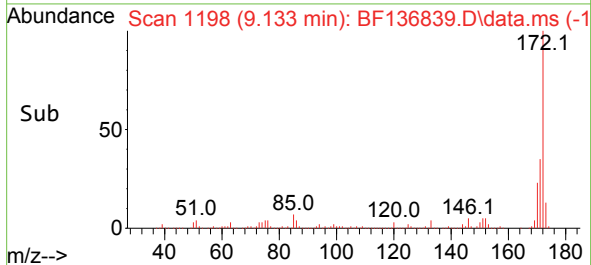
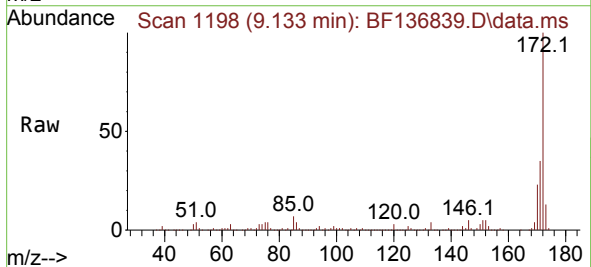


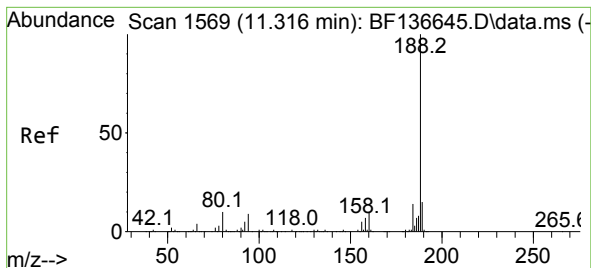
Tgt Ion:330 Resp: 133816
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 28.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 61.631 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136839.D
Acq: 29 Dec 2023 20:18

Tgt Ion:172 Resp: 604668
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: BF136839.D

Acq: 29 Dec 2023 20:18

Instrument :

BNA_F

ClientSampleId :

GHL-SS-43

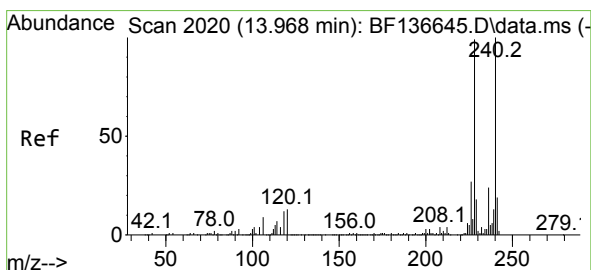
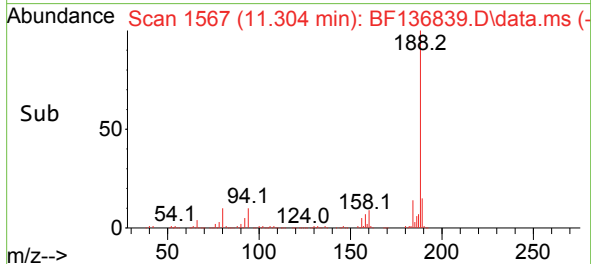
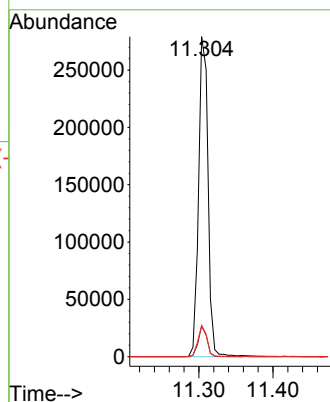
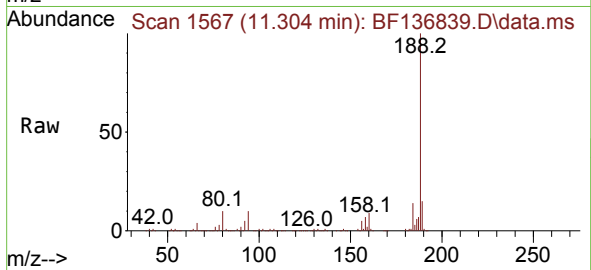
Tgt Ion:188 Resp: 246838

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 9.8 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: BF136839.D

Acq: 29 Dec 2023 20:18

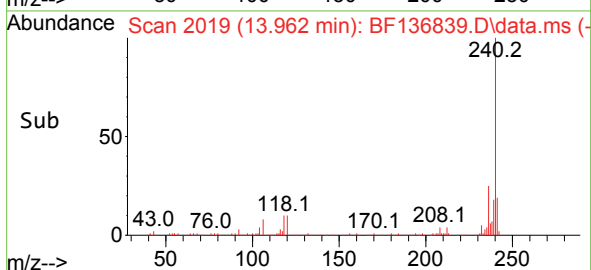
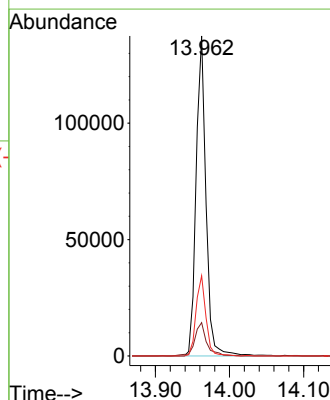
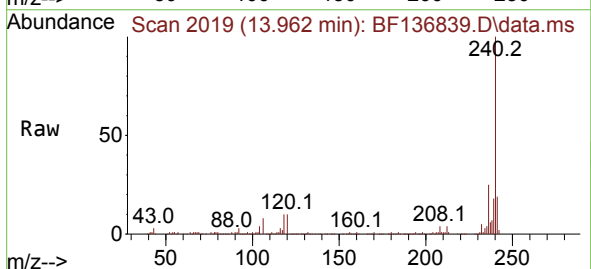
Tgt Ion:240 Resp: 127222

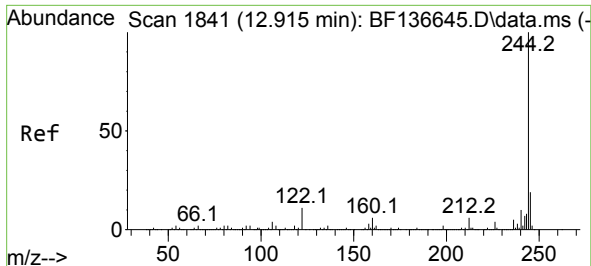
Ion Ratio Lower Upper

240 100

120 10.4 10.3 15.5

236 25.0 19.4 29.2

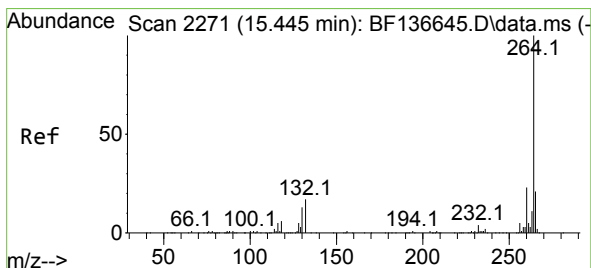
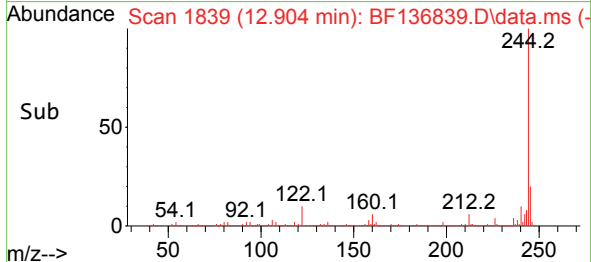
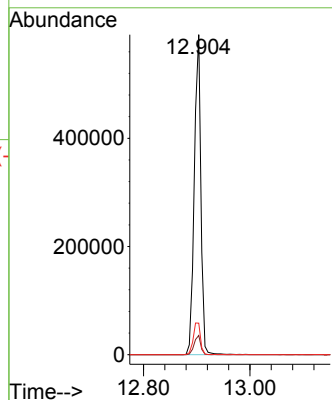
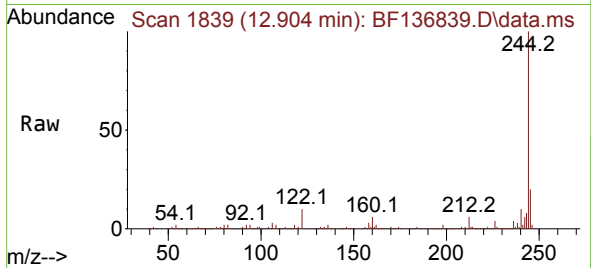




#79
 Terphenyl-d14
 Concen: 55.975 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136839.D
 Acq: 29 Dec 2023 20:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 509585
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 9.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136839.D
 Acq: 29 Dec 2023 20:18

Tgt Ion:264 Resp: 130863
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 20.0 17.0 25.6

