

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136857.D
 Acq On : 30 Dec 2023 06:48
 Operator : CG\JU
 Sample : 05897-12
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-41

Quant Time: Jan 01 00:31:56 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	73167	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	282546	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	143726	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	266554	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	142429	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	141933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	389119	82.980	ng	0.00
7) Phenol-d6	6.428	99	514211	84.626	ng	-0.01
23) Nitrobenzene-d5	7.339	82	319549	57.873	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	75845	44.807	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	625643	58.548	ng	-0.02
79) Terphenyl-d14	12.904	244	577626	56.675	ng	-0.01

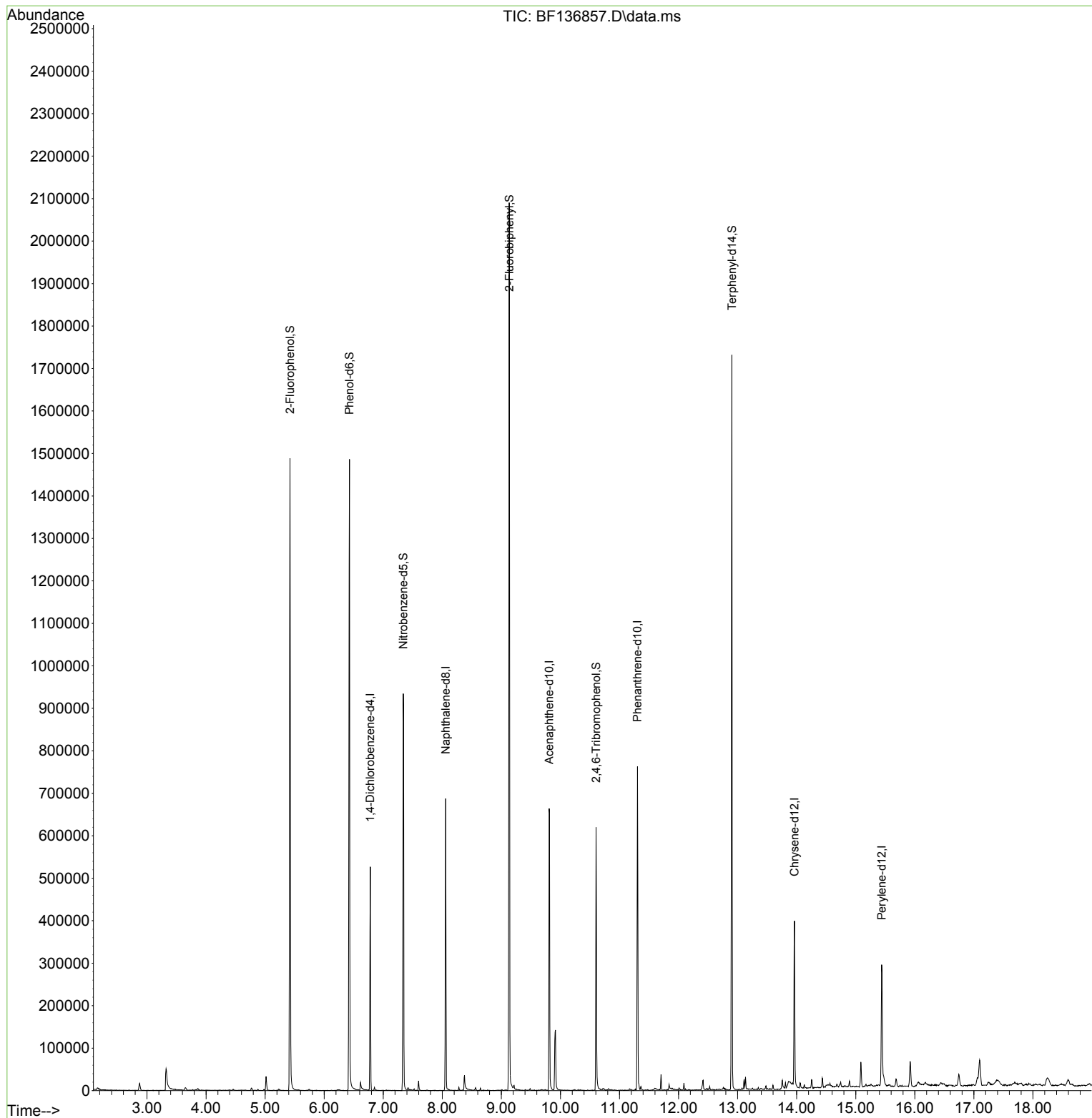
Target Compounds	Qvalue

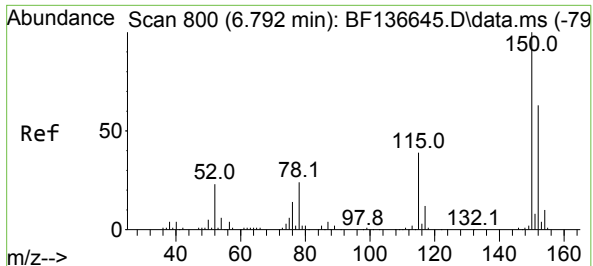
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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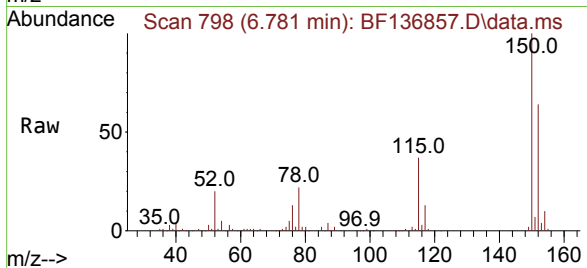
Quant Time: Jan 01 00:31:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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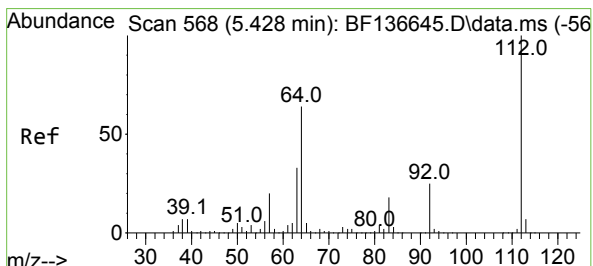
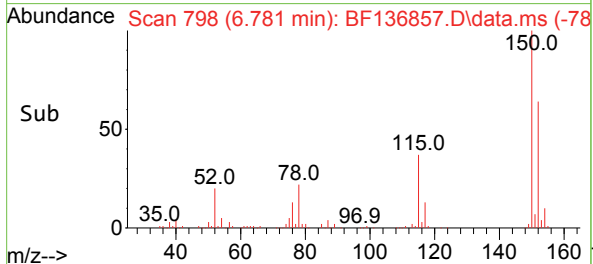
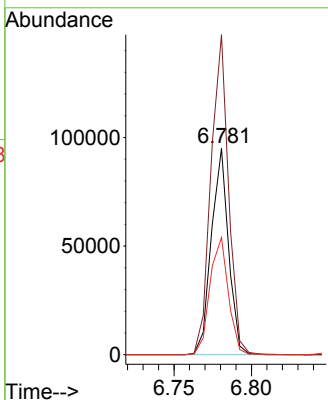


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Instrument :
BNA_F
ClientSampleId :
GHL-SS-41

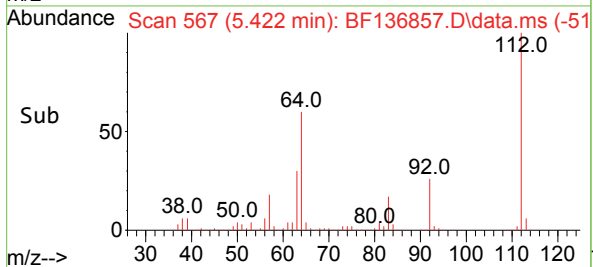
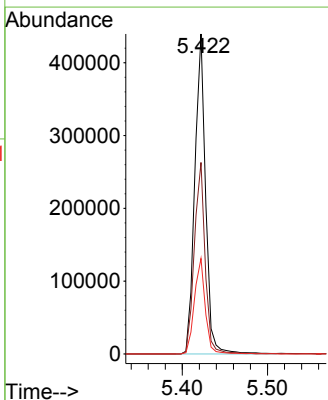
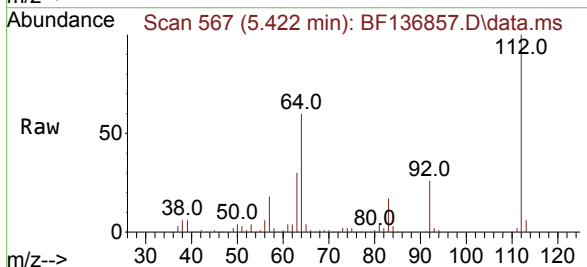


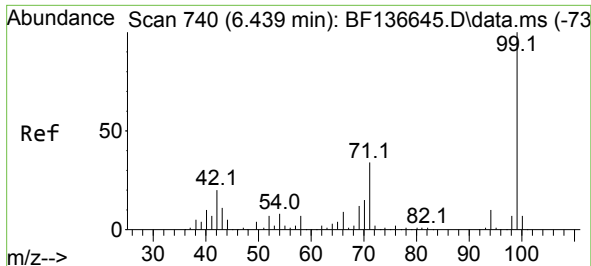
Tgt Ion:152 Resp: 73167
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 56.8 49.0 73.4



#5
2-Fluorophenol
Concen: 82.980 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion:112 Resp: 389119
Ion Ratio Lower Upper
112 100
64 59.9 51.1 76.7
63 29.9 26.1 39.1

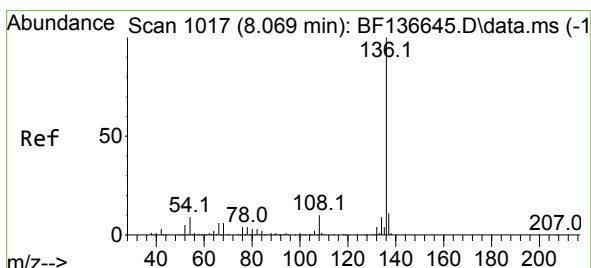
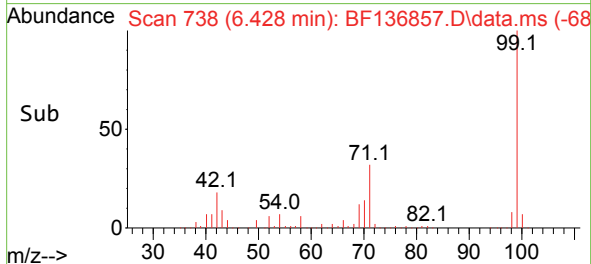
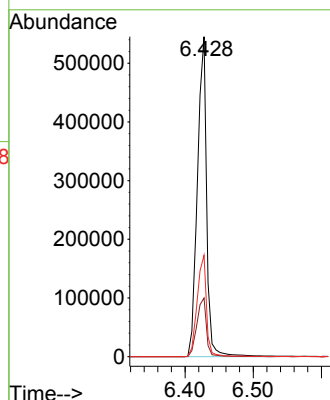
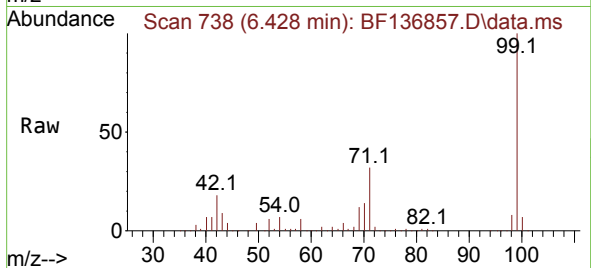




#7
Phenol-d6
Concen: 84.626 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

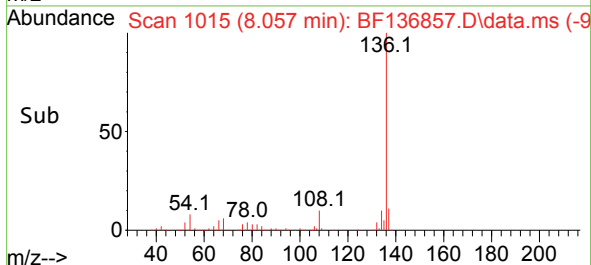
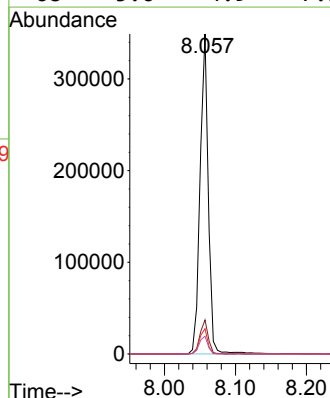
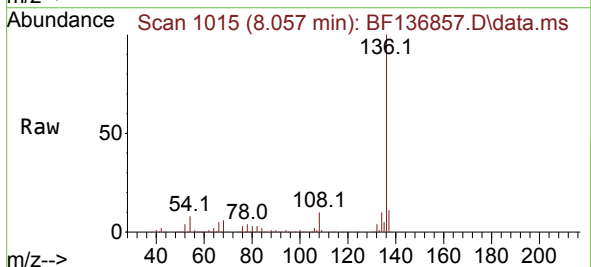
Instrument :
BNA_F
ClientSampleId :
GHL-SS-41

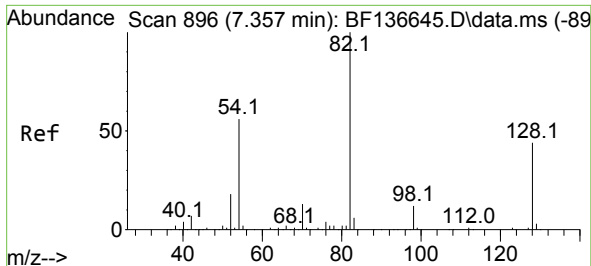
Tgt Ion: 99 Resp: 514211
Ion Ratio Lower Upper
99 100
42 18.4 16.1 24.1
71 31.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136857.D
Acq: 30 Dec 2023 06:48

Tgt Ion: 136 Resp: 282546
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 7.9 7.2 10.8
68 5.6 4.9 7.3

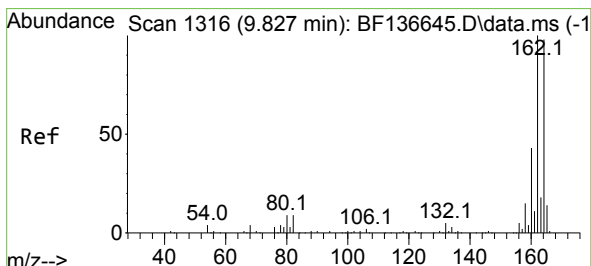
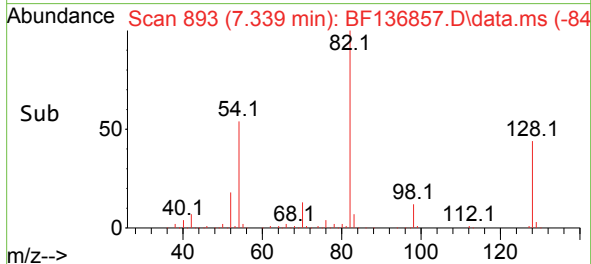
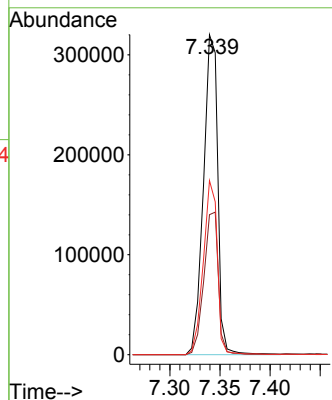
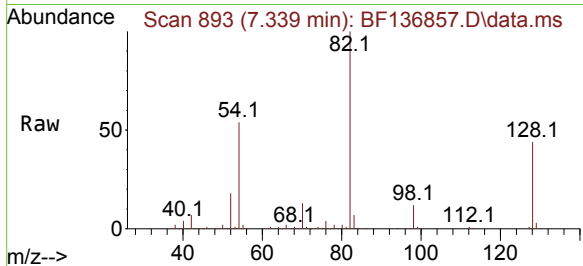




#23
 Nitrobenzene-d5
 Concen: 57.873 ng
 RT: 7.339 min Scan# 89
 Delta R.T. -0.018 min
 Lab File: BF136857.D
 Acq: 30 Dec 2023 06:48

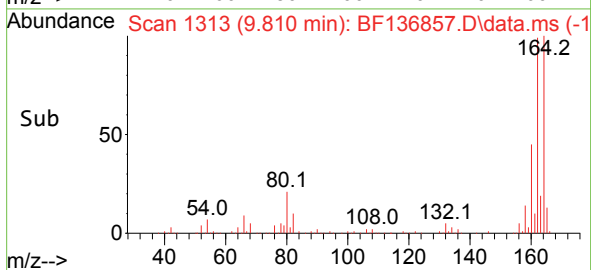
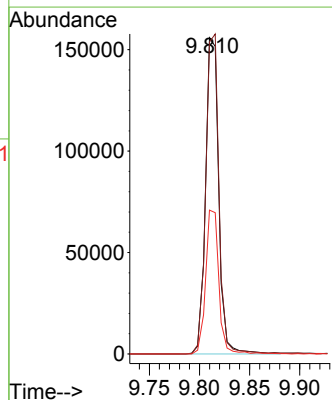
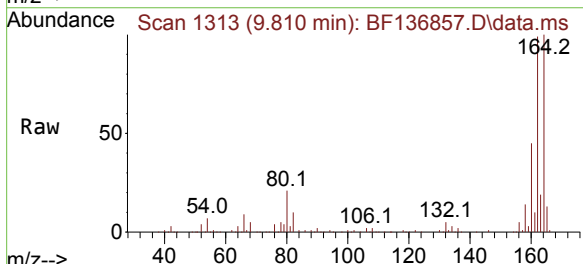
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-41

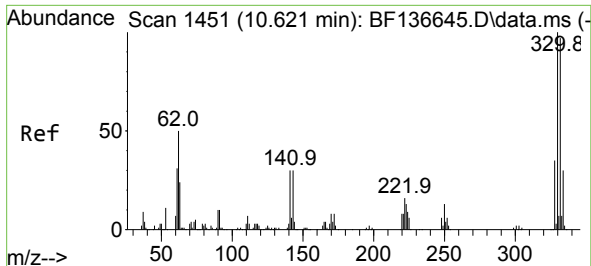
Tgt Ion: 82 Resp: 319549
 Ion Ratio Lower Upper
 82 100
 128 43.8 35.3 52.9
 54 54.4 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.810 min Scan# 1313
 Delta R.T. -0.018 min
 Lab File: BF136857.D
 Acq: 30 Dec 2023 06:48

Tgt Ion:164 Resp: 143726
 Ion Ratio Lower Upper
 164 100
 162 98.6 81.6 122.4
 160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 44.807 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF136857.D

Acq: 30 Dec 2023 06:48

Instrument :

BNA_F

ClientSampleId :

GHL-SS-41

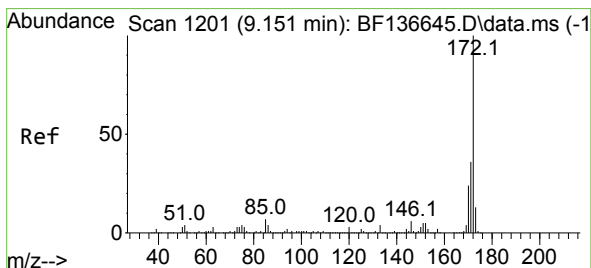
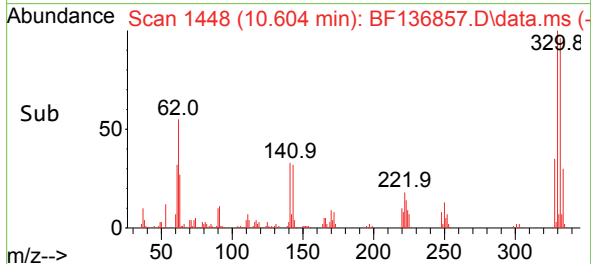
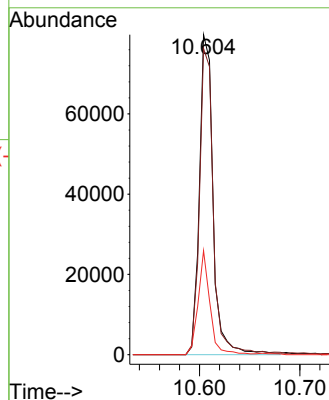
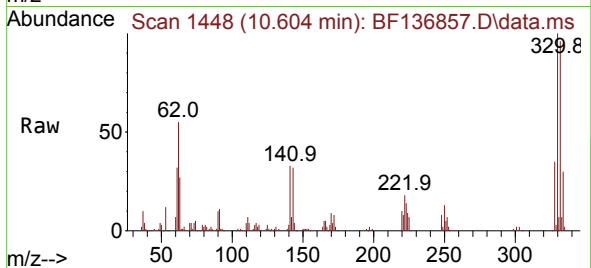
Tgt Ion:330 Resp: 75845

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 58.548 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136857.D

Acq: 30 Dec 2023 06:48

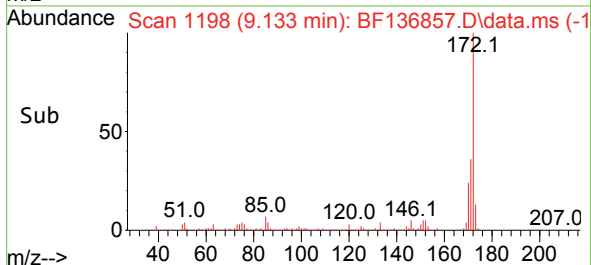
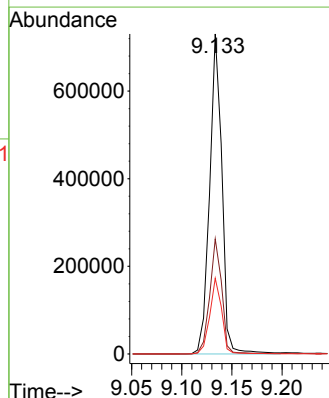
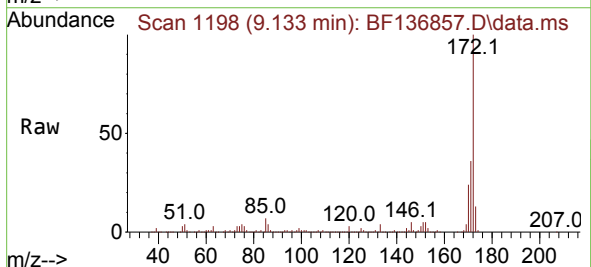
Tgt Ion:172 Resp: 625643

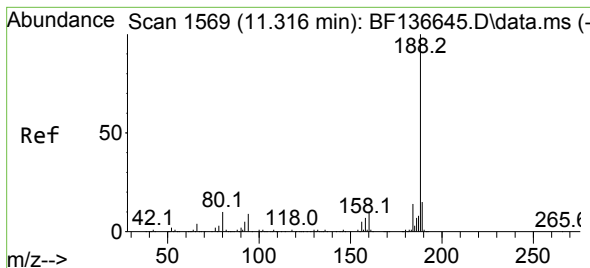
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.7 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: BF136857.D

Acq: 30 Dec 2023 06:48

Instrument :

BNA_F

ClientSampleId :

GHL-SS-41

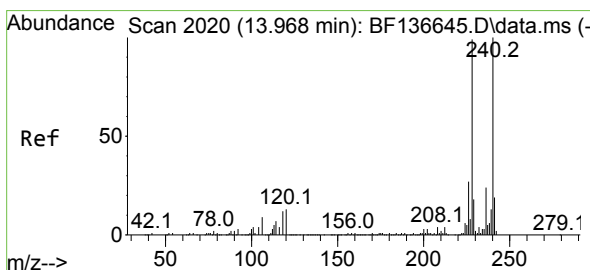
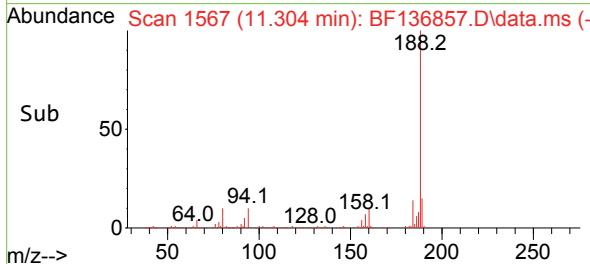
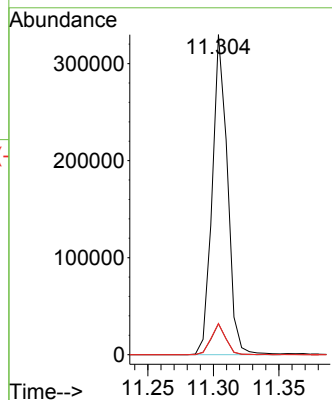
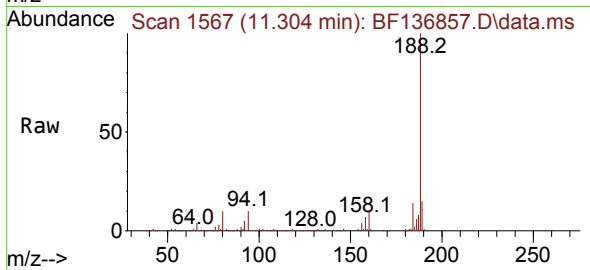
Tgt Ion:188 Resp: 266554

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.7 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: BF136857.D

Acq: 30 Dec 2023 06:48

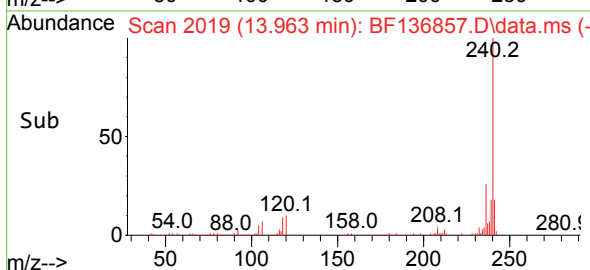
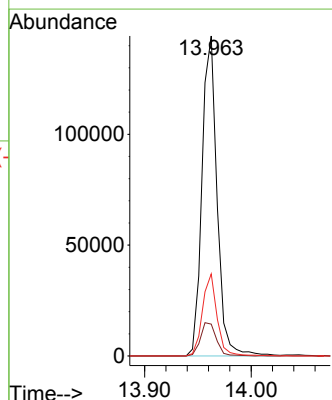
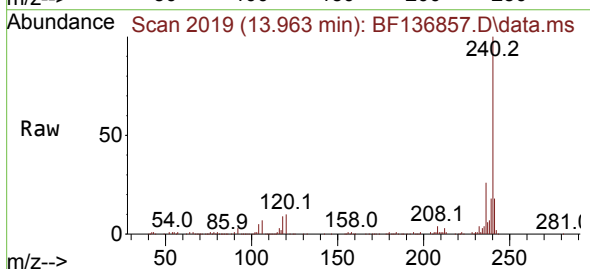
Tgt Ion:240 Resp: 142429

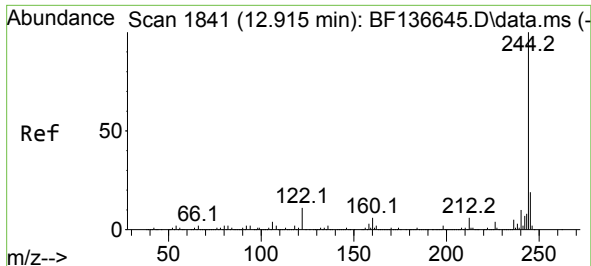
Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

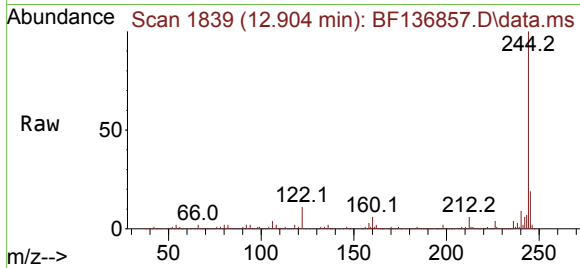
236 25.6 19.4 29.2



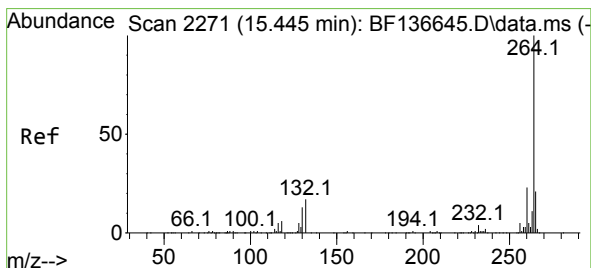
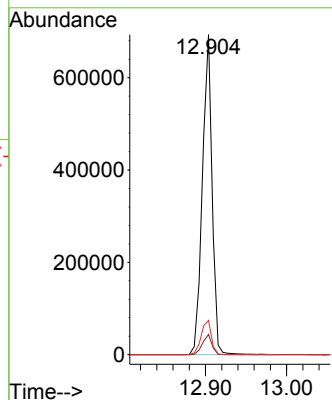
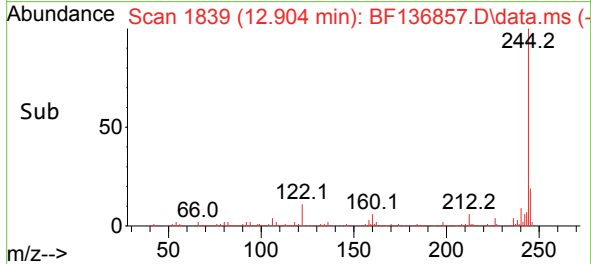


#79
 Terphenyl-d14
 Concen: 56.675 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136857.D
 Acq: 30 Dec 2023 06:48

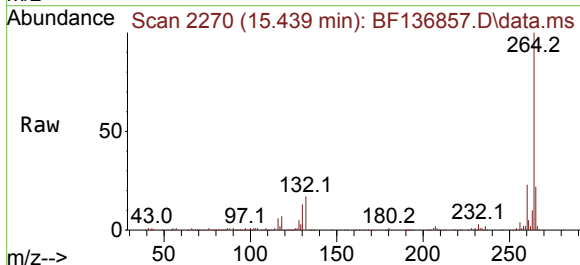
Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-41



Tgt Ion:244 Resp: 577626
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.7 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: BF136857.D
 Acq: 30 Dec 2023 06:48



Tgt Ion:264 Resp: 141933
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 22.4 17.0 25.6

