

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136836.D
 Acq On : 29 Dec 2023 18:46
 Operator : CG\JU
 Sample : 05897-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-39

Quant Time: Dec 30 01:03:34 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	72861	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	273379	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	138483	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	265406	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140813	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	141590	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	403976	86.510	ng	0.00
7) Phenol-d6	6.428	99	508886	84.102	ng	-0.01
23) Nitrobenzene-d5	7.346	82	322624	60.389	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	147453	90.410	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	646663	62.806	ng	-0.02
79) Terphenyl-d14	12.904	244	594164	58.967	ng	-0.01

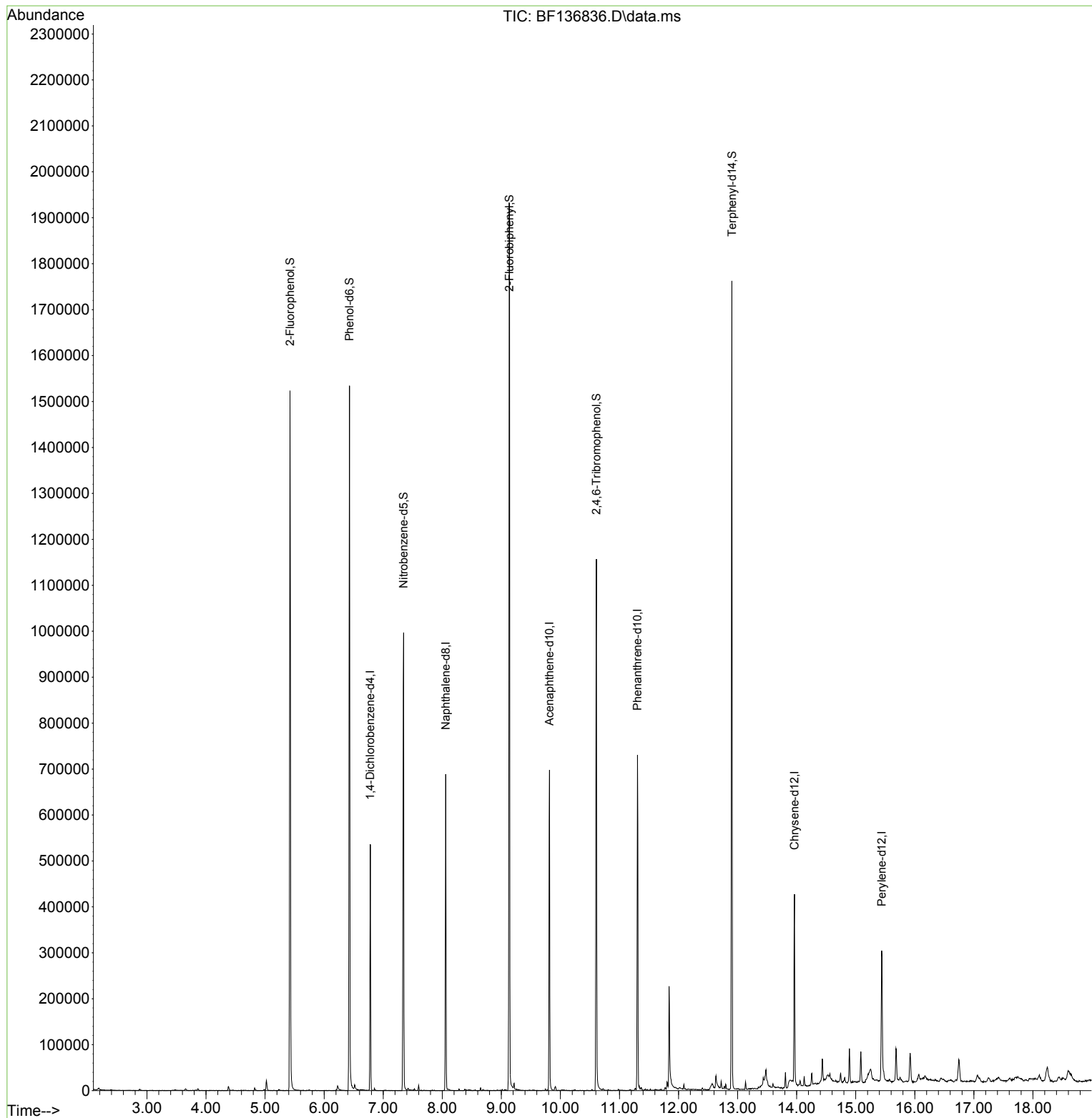
Target Compounds	Qvalue

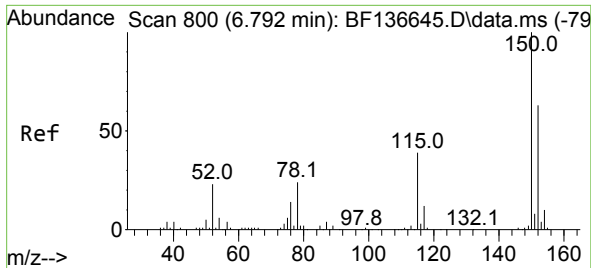
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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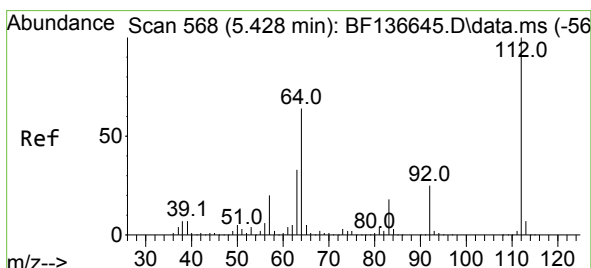
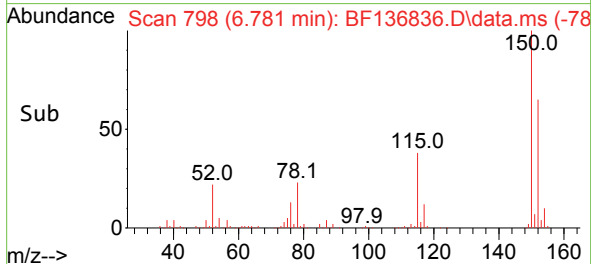
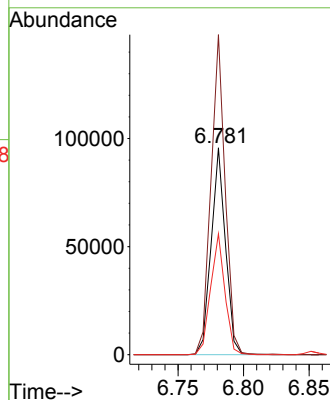
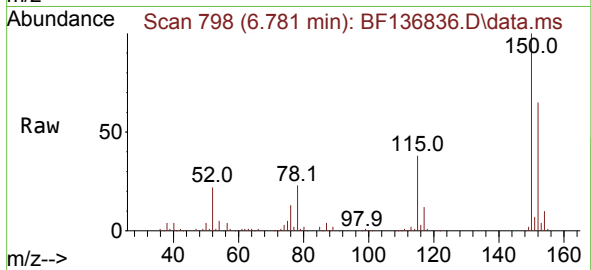




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

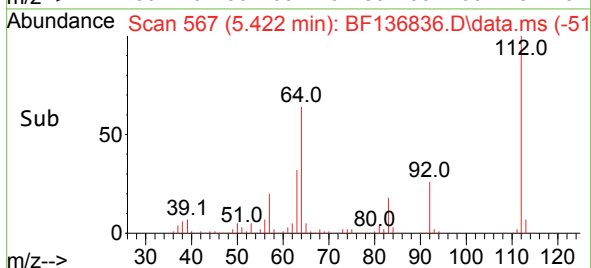
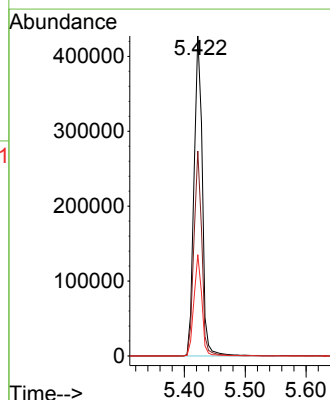
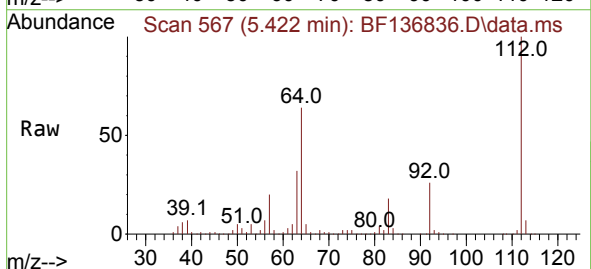
Instrument :
BNA_F
ClientSampleId :
GHL-SS-39

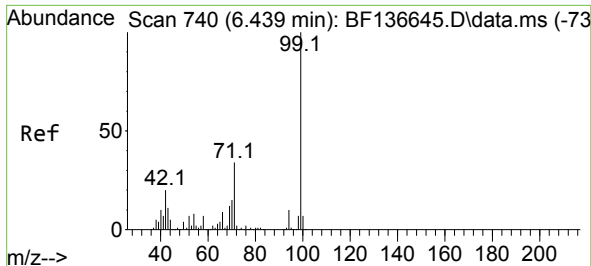
Tgt Ion:152 Resp: 72861
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 58.4 49.0 73.4



#5
2-Fluorophenol
Concen: 86.510 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

Tgt Ion:112 Resp: 403976
Ion Ratio Lower Upper
112 100
64 64.1 51.1 76.7
63 31.7 26.1 39.1

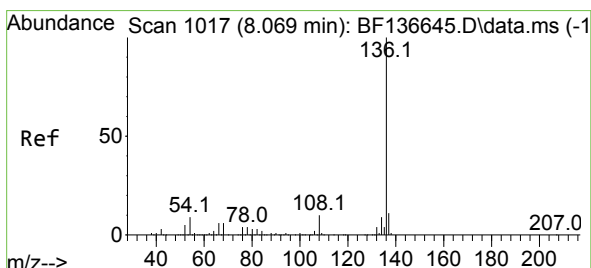
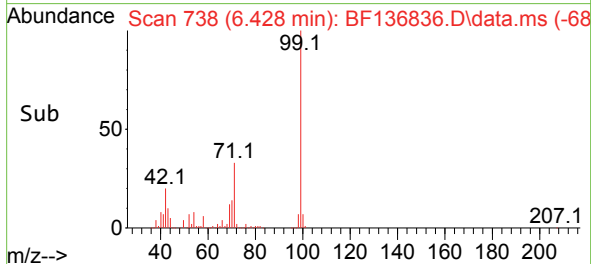
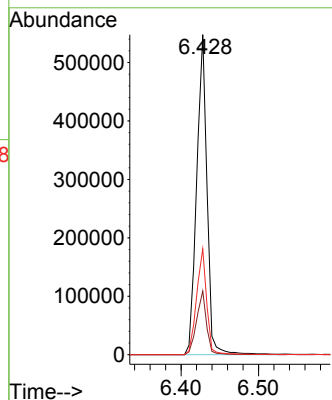
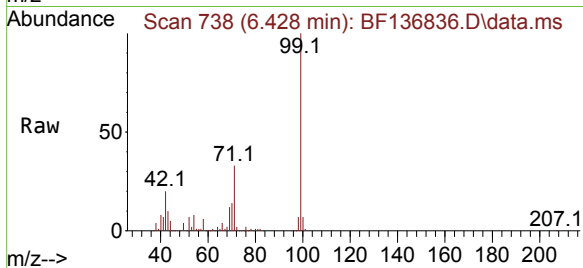




#7
Phenol-d6
Concen: 84.102 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

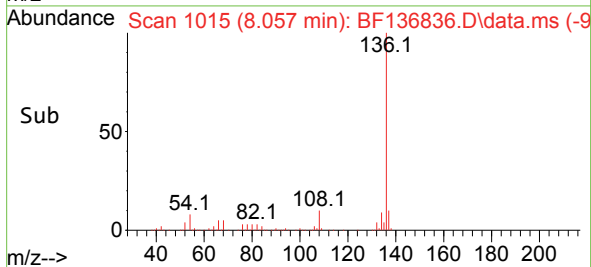
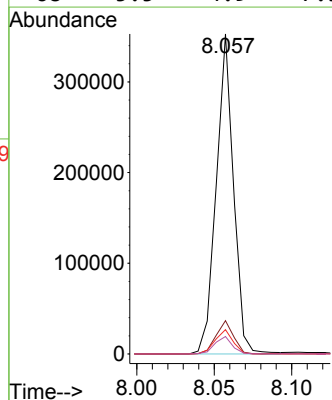
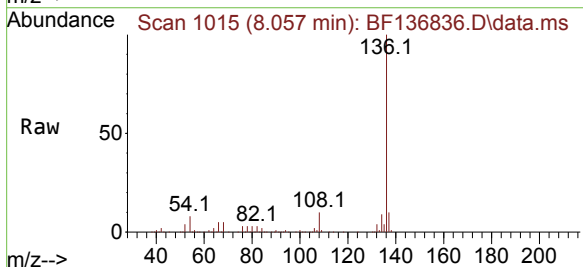
Instrument :
BNA_F
ClientSampleId :
GHL-SS-39

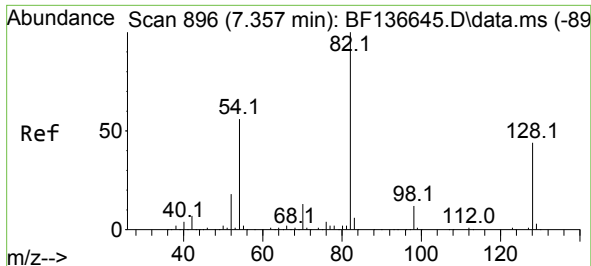
Tgt Ion: 99 Resp: 508886
Ion Ratio Lower Upper
99 100
42 19.9 16.1 24.1
71 33.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

Tgt Ion: 136 Resp: 273379
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.6 7.2 10.8
68 5.5 4.9 7.3





#23

Nitrobenzene-d5

Concen: 60.389 ng

RT: 7.346 min Scan# 896

Delta R.T. -0.011 min

Lab File: BF136836.D

Acq: 29 Dec 2023 18:46

Instrument :

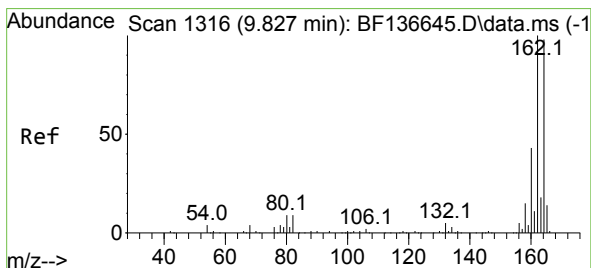
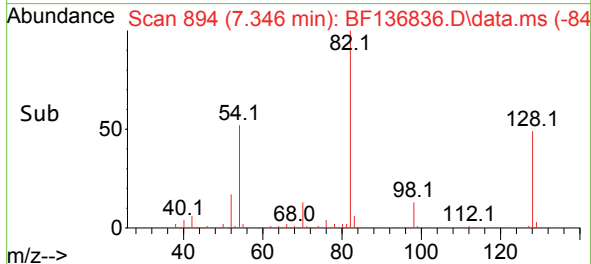
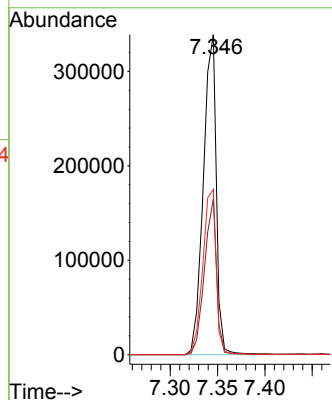
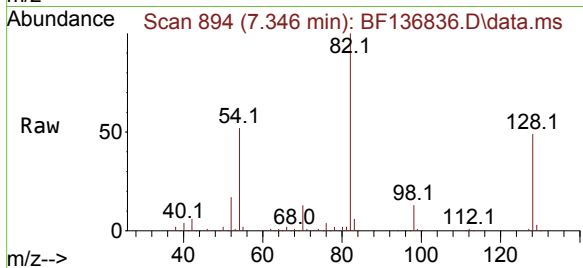
BNA_F

ClientSampleId :

GHL-SS-39

Tgt Ion: 82 Resp: 322624

Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.3	52.9
54	51.6	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

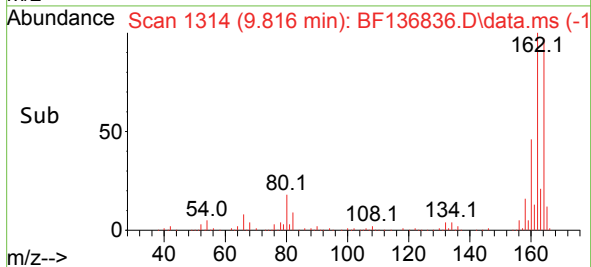
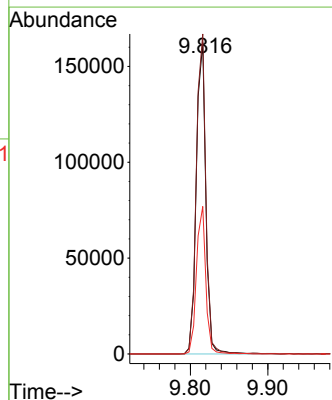
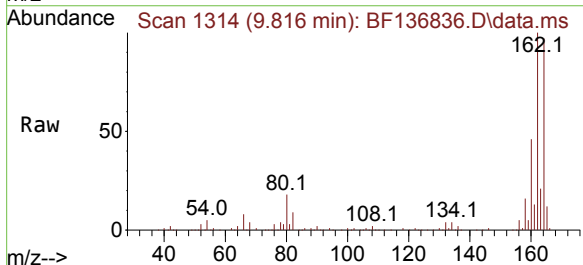
Delta R.T. -0.011 min

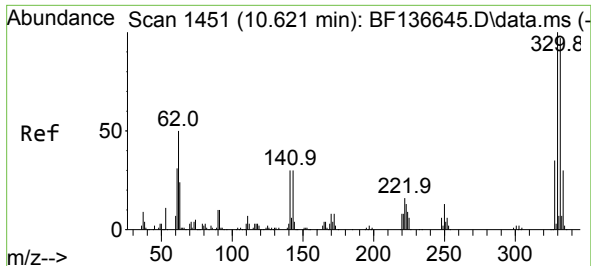
Lab File: BF136836.D

Acq: 29 Dec 2023 18:46

Tgt Ion:164 Resp: 138483

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.6	122.4
160	47.4	34.9	52.3

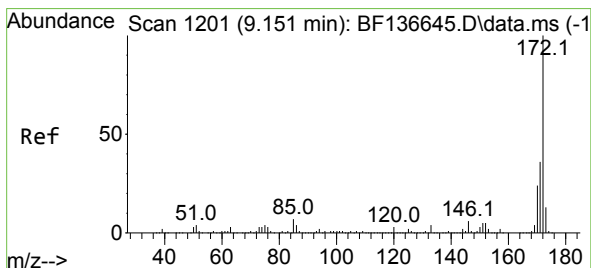
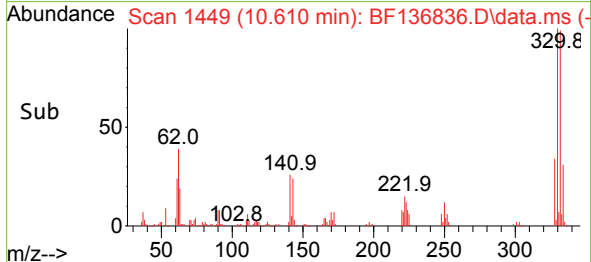
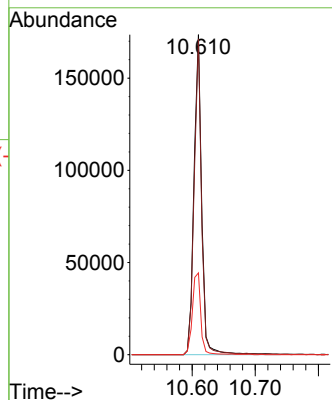
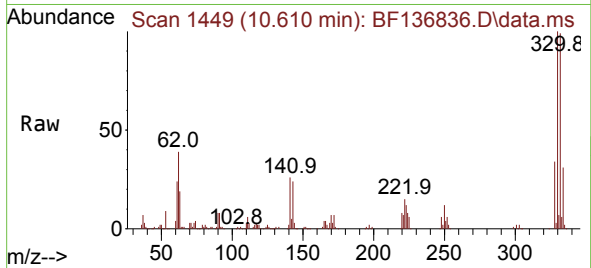




#42
2,4,6-Tribromophenol
Concen: 90.410 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

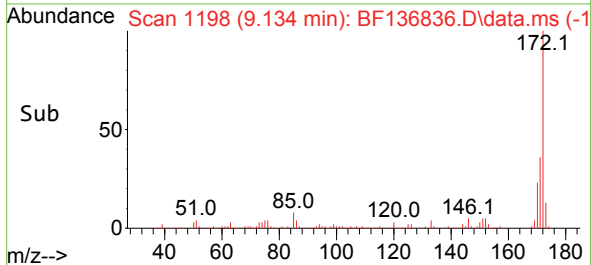
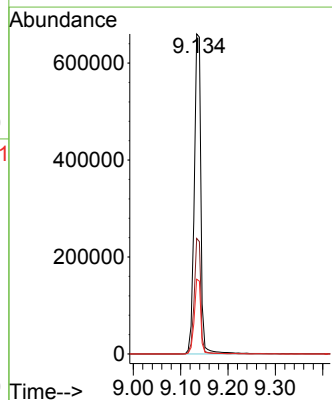
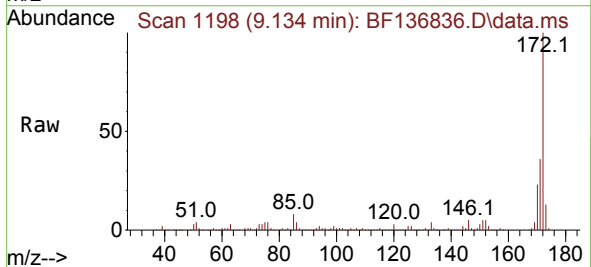
Instrument :
BNA_F
ClientSampleId :
GHL-SS-39

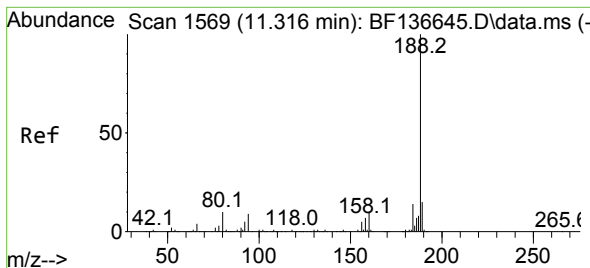
Tgt Ion:330 Resp: 147453
Ion Ratio Lower Upper
330 100
332 95.2 77.4 116.0
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 62.806 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

Tgt Ion:172 Resp: 646663
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.011 min

Lab File: BF136836.D

Acq: 29 Dec 2023 18:46

Instrument :

BNA_F

ClientSampleId :

GHL-SS-39

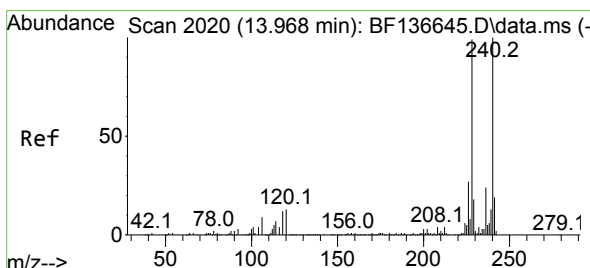
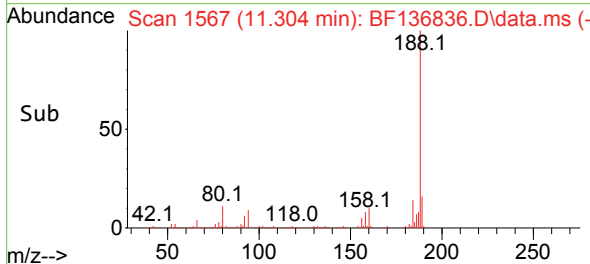
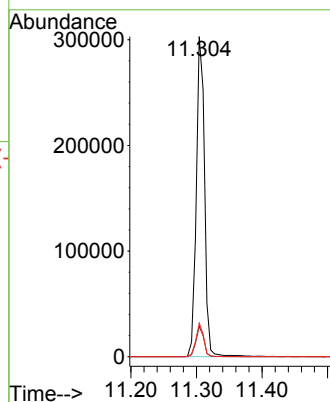
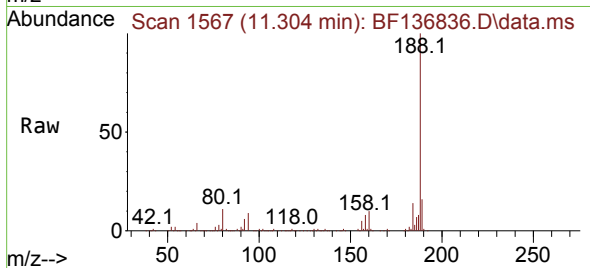
Tgt Ion:188 Resp: 265406

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.5 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: BF136836.D

Acq: 29 Dec 2023 18:46

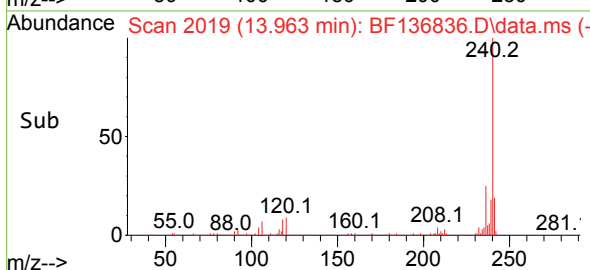
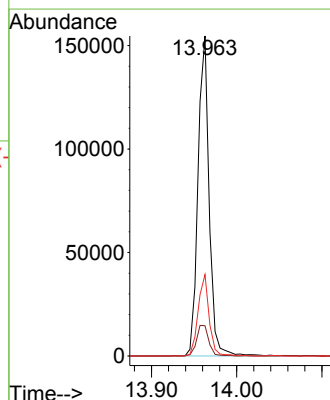
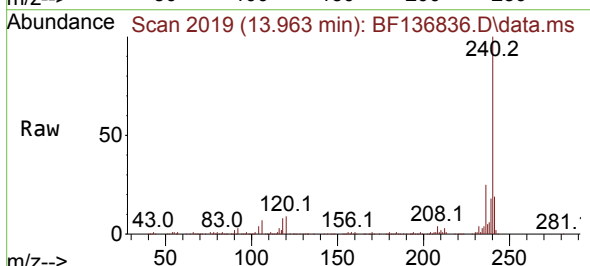
Tgt Ion:240 Resp: 140813

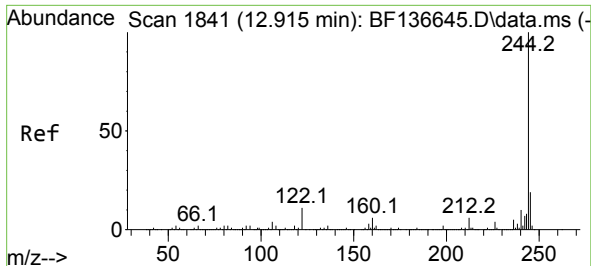
Ion Ratio Lower Upper

240 100

120 9.5 10.3 15.5#

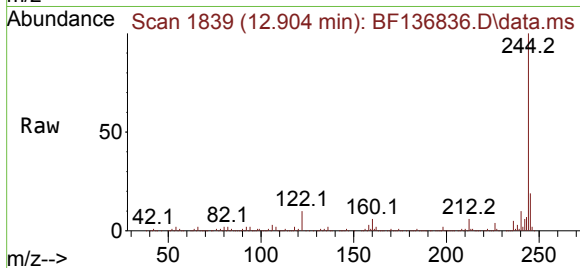
236 25.5 19.4 29.2



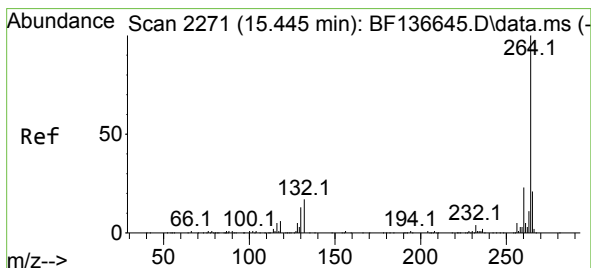
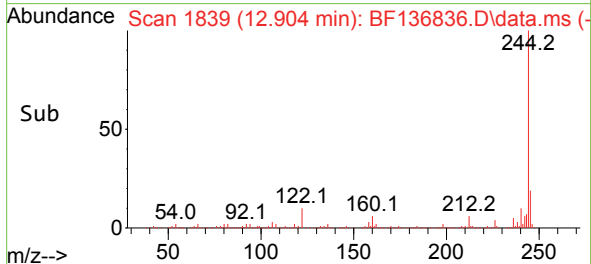
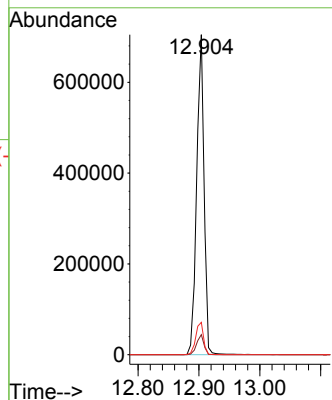


#79
Terphenyl-d14
Concen: 58.967 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.011 min
Lab File: BF136836.D
Acq: 29 Dec 2023 18:46

Instrument :
BNA_F
ClientSampleId :
GHL-SS-39



Tgt Ion:244 Resp: 594164
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.1 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: BF136836.D
Acq: 29 Dec 2023 18:46

Tgt Ion:264 Resp: 141590
Ion Ratio Lower Upper
264 100
260 23.9 18.3 27.5
265 20.9 17.0 25.6

