

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136878.D
 Acq On : 02 Jan 2024 18:52
 Operator : CG\JU
 Sample : 05899-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2

Quant Time: Jan 03 02:02:14 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	72671	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	282094	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	145712	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	282334	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	162809	20.000	ng	-0.01
86) Perylene-d12	15.439	264	146357	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	471596	101.254	ng	0.00
7) Phenol-d6	6.428	99	594402	98.492	ng	-0.01
23) Nitrobenzene-d5	7.345	82	369055	66.946	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	172552	100.550	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	743326	68.612	ng	-0.02
79) Terphenyl-d14	12.904	244	805985	69.182	ng	-0.01

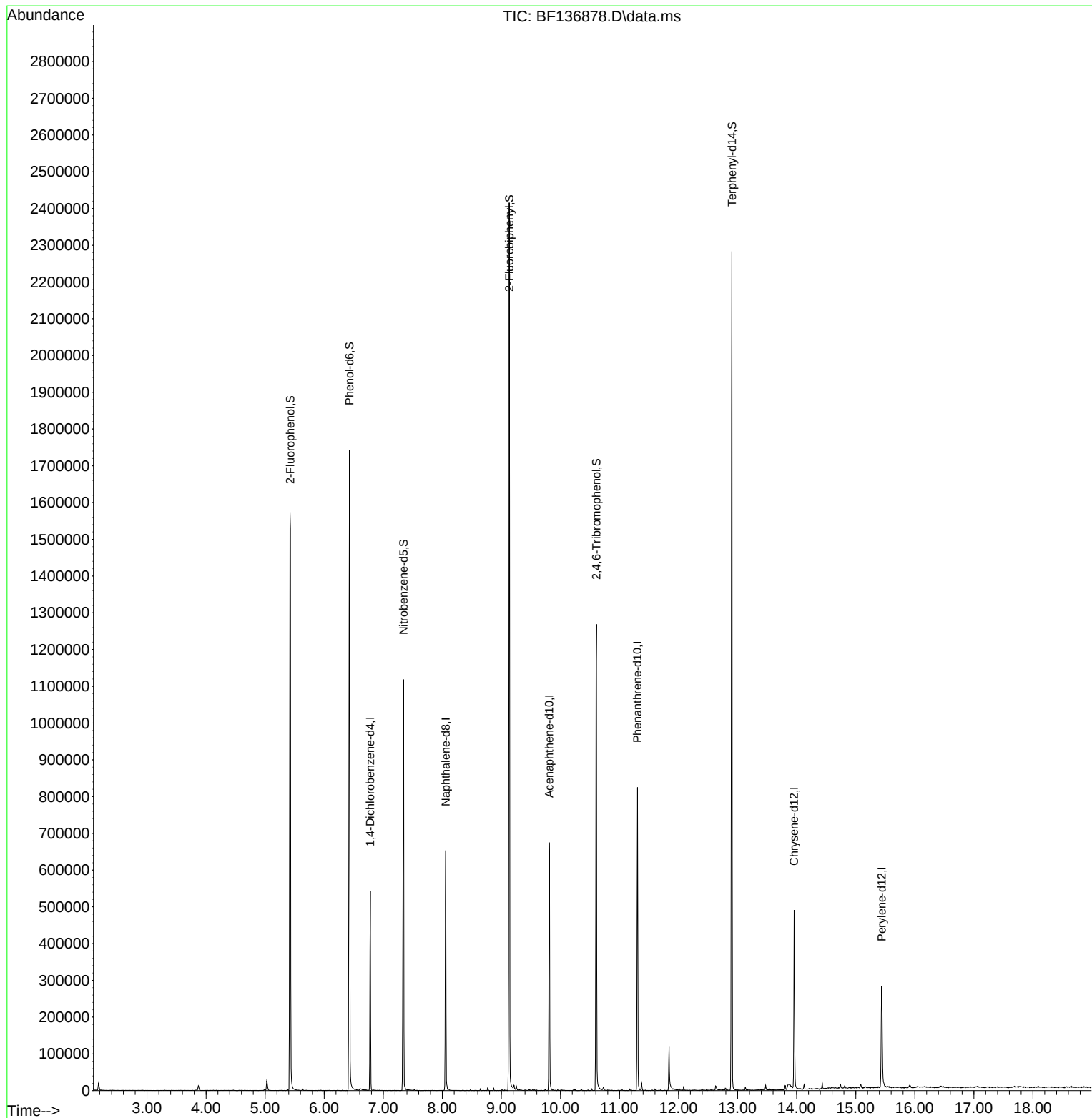
Target Compounds	Qvalue

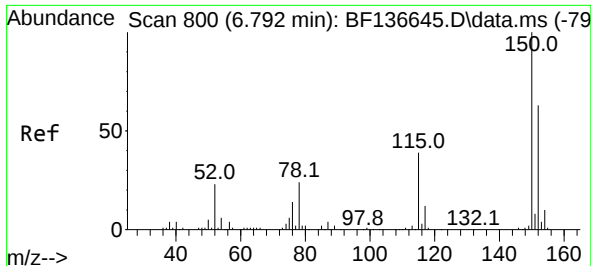
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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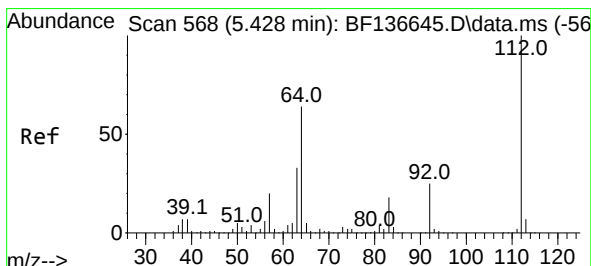
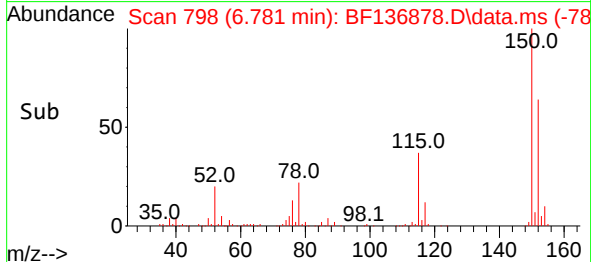
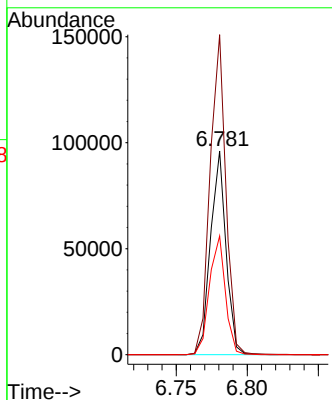
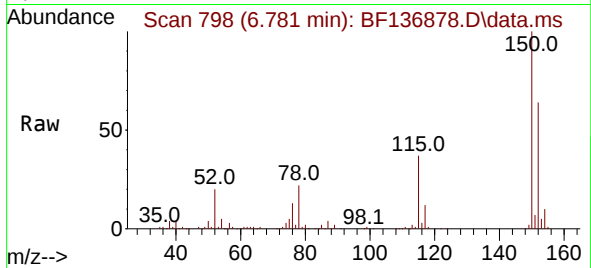




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136878.D
Acq: 02 Jan 2024 18:52

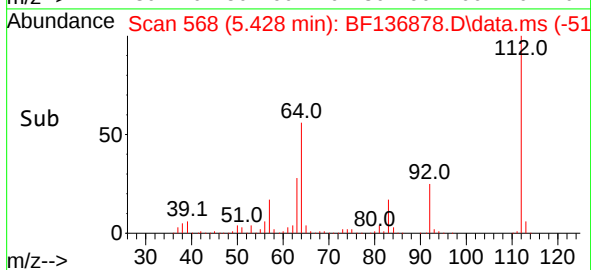
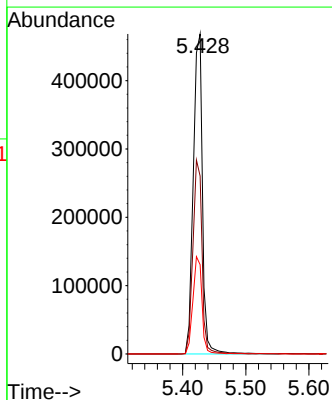
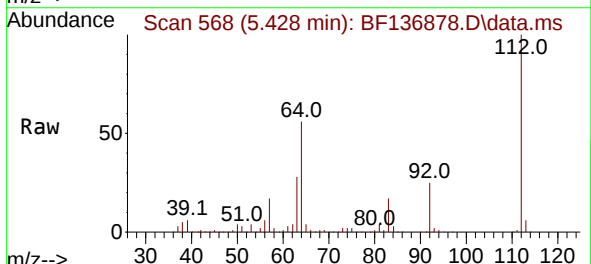
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2

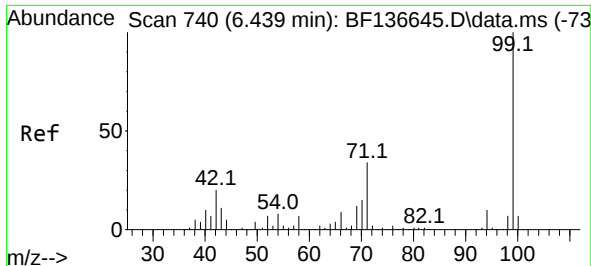
Tgt Ion:152 Resp: 72671
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 58.3 49.0 73.4



#5
2-Fluorophenol
Concen: 101.254 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136878.D
Acq: 02 Jan 2024 18:52

Tgt Ion:112 Resp: 471596
Ion Ratio Lower Upper
112 100
64 55.6 51.1 76.7
63 27.9 26.1 39.1

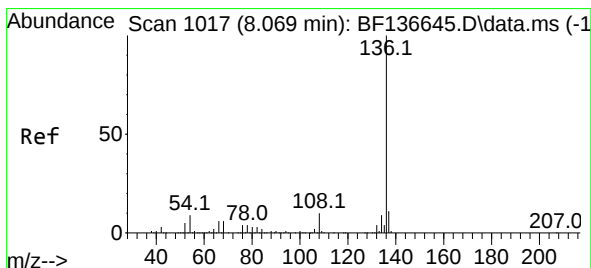
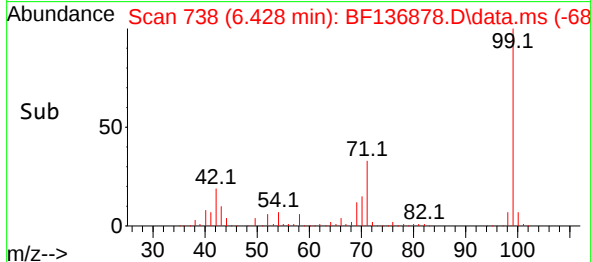
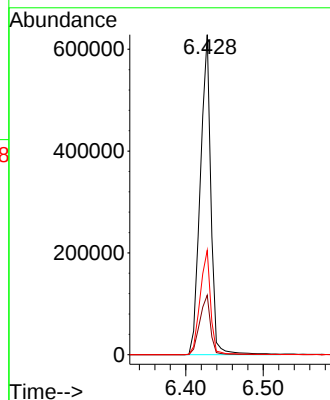
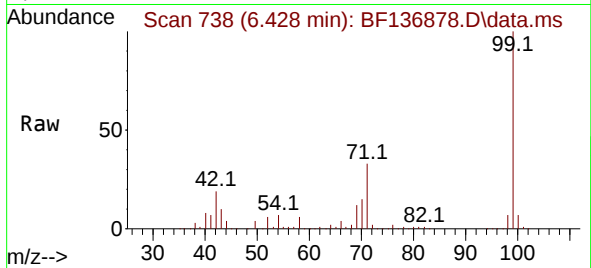




#7
Phenol-d6
Concen: 98.492 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136878.D
Acq: 02 Jan 2024 18:52

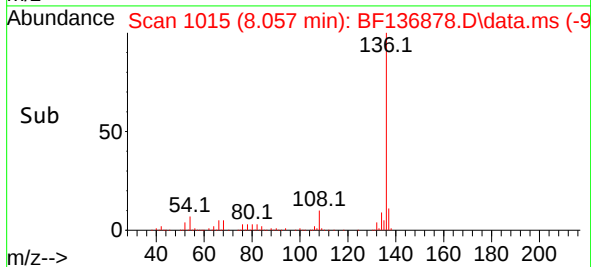
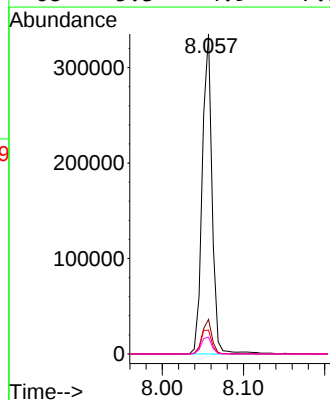
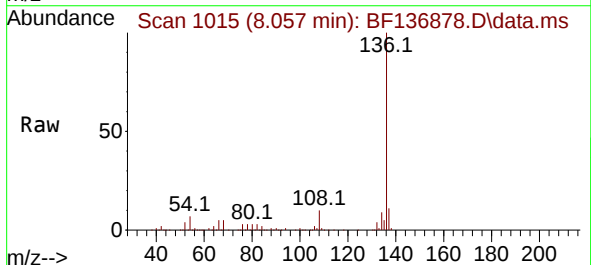
Instrument :
BNA_F
ClientSampleId :
GHL-SS-06-0-2

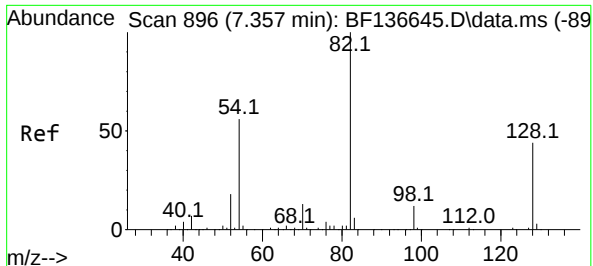
Tgt Ion: 99 Resp: 594402
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 32.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136878.D
Acq: 02 Jan 2024 18:52

Tgt Ion: 136 Resp: 282094
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 7.5 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 66.946 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136878.D

Acq: 02 Jan 2024 18:52

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2

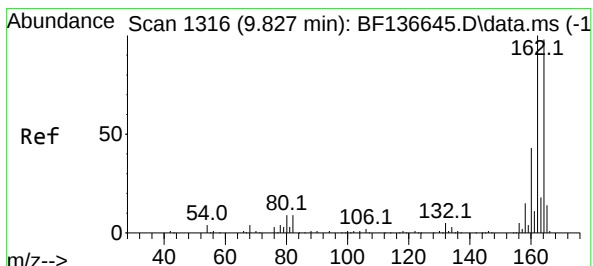
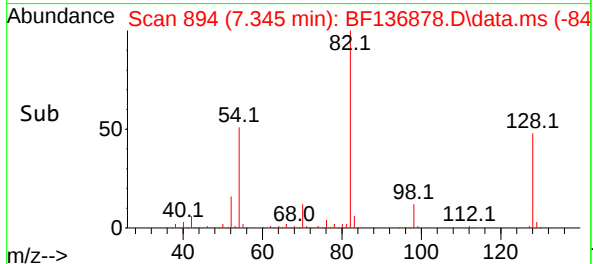
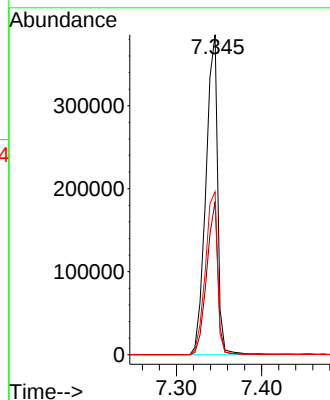
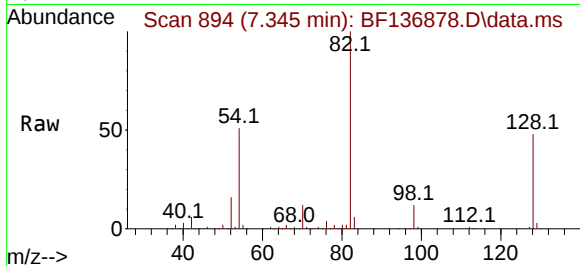
Tgt Ion: 82 Resp: 369055

Ion Ratio Lower Upper

82 100

128 47.8 35.3 52.9

54 50.9 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: BF136878.D

Acq: 02 Jan 2024 18:52

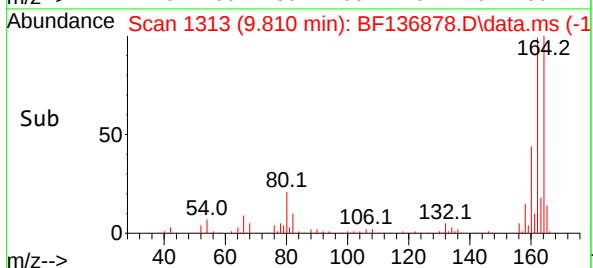
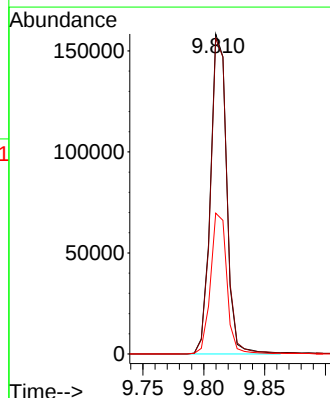
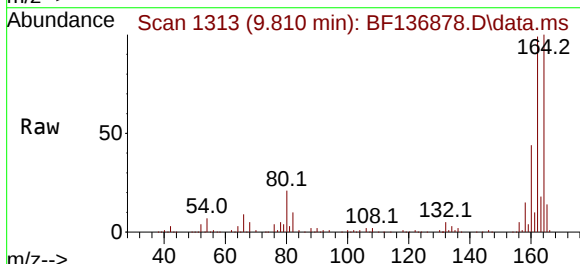
Tgt Ion:164 Resp: 145712

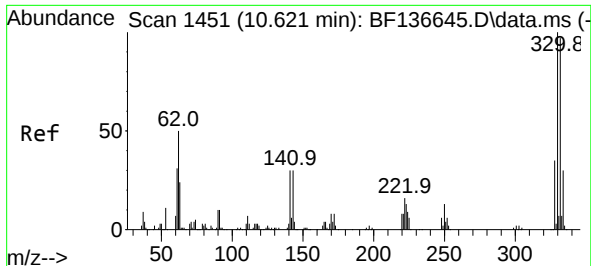
Ion Ratio Lower Upper

164 100

162 98.6 81.6 122.4

160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 100.550 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136878.D

Acq: 02 Jan 2024 18:52

Instrument :

BNA_F

ClientSampleId :

GHL-SS-06-0-2

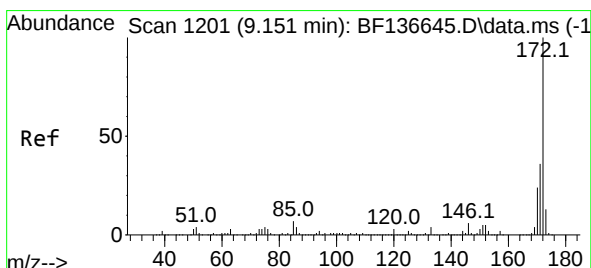
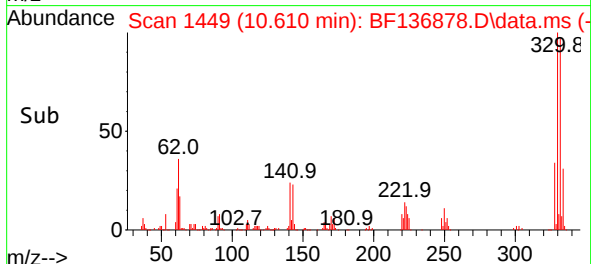
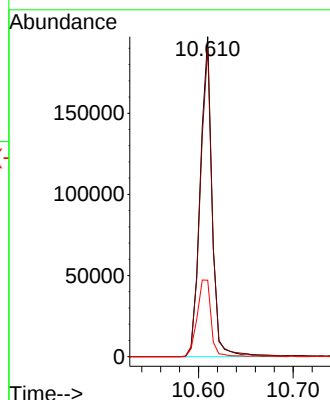
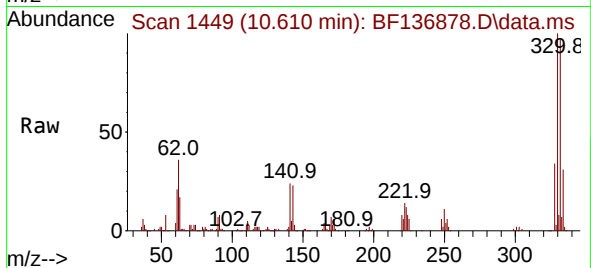
Tgt Ion:330 Resp: 172552

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 68.612 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136878.D

Acq: 02 Jan 2024 18:52

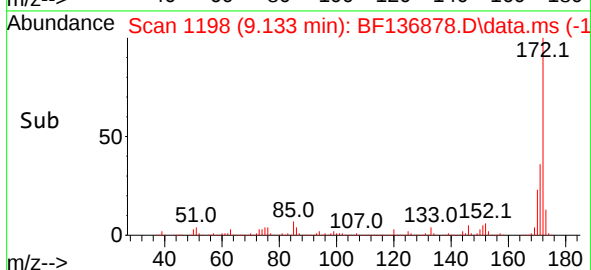
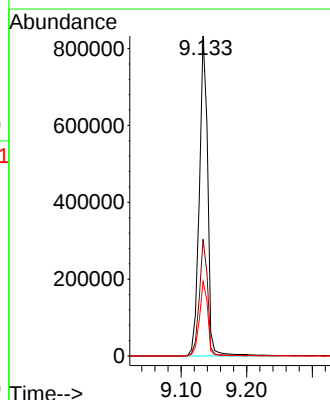
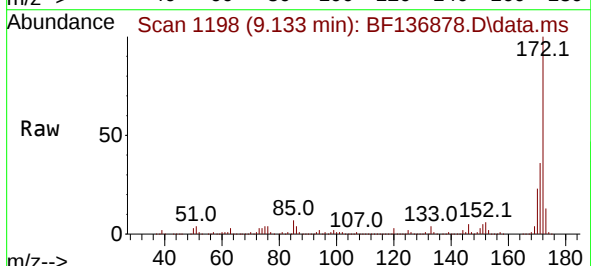
Tgt Ion:172 Resp: 743326

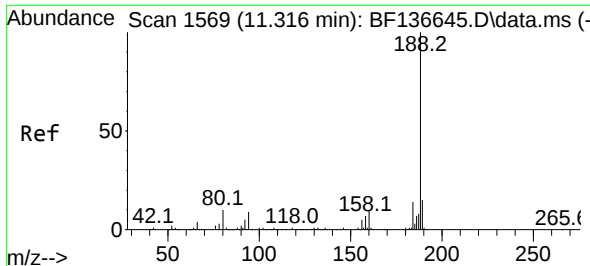
Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.6

170 23.2 19.0 28.4

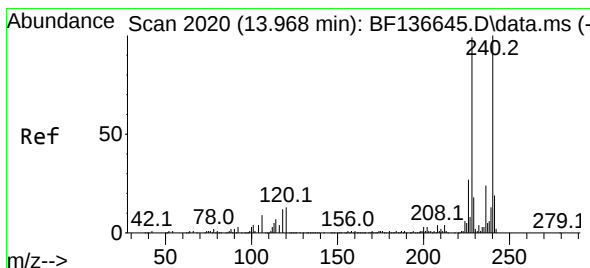
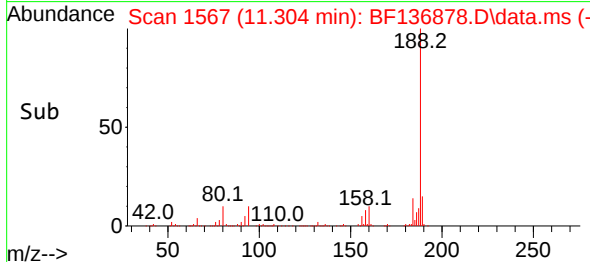
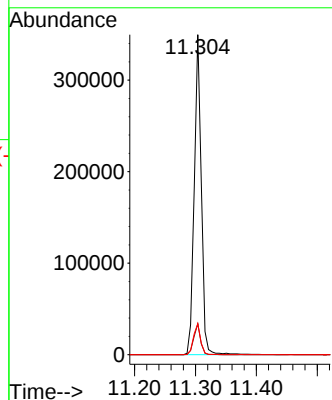
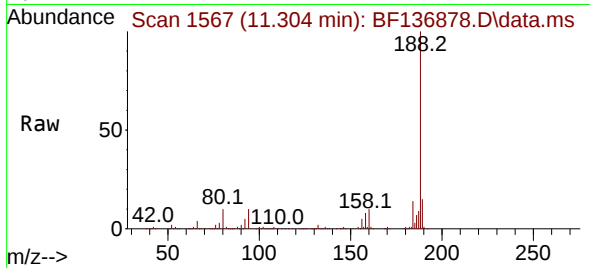




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136878.D
Acq: 02 Jan 2024 18:52

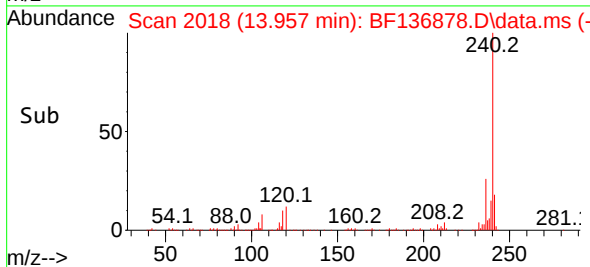
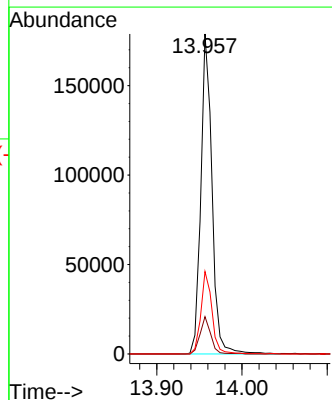
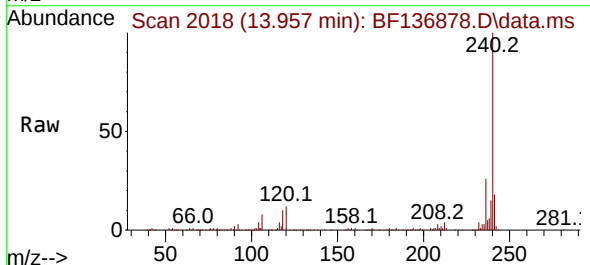
Instrument :
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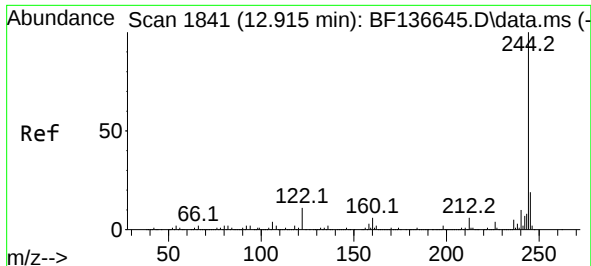
Tgt Ion:188 Resp: 282334
Ion Ratio Lower Upper
188 100
94 9.7 7.5 11.3
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136878.D
Acq: 02 Jan 2024 18:52

Tgt Ion:240 Resp: 162809
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 25.8 19.4 29.2

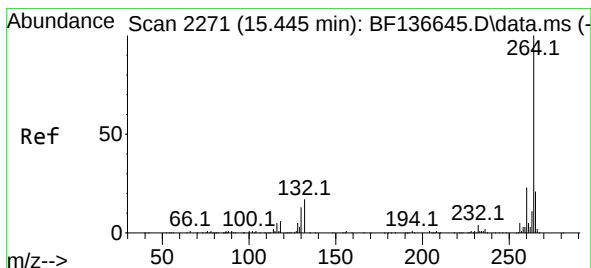
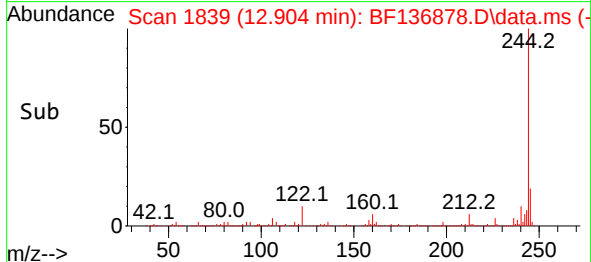
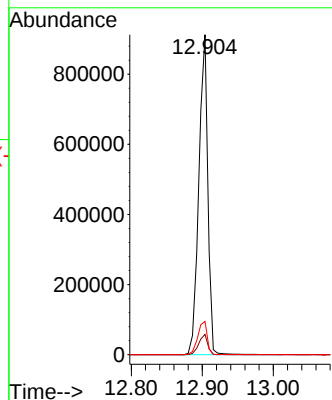
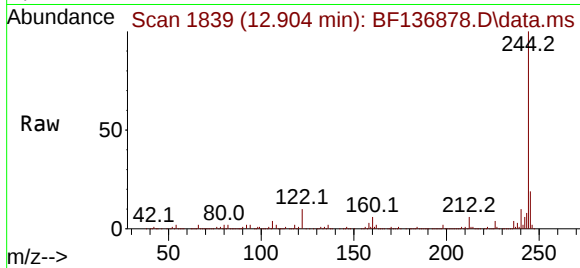




#79
 Terphenyl-d14
 Concen: 69.182 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF136878.D
 Acq: 02 Jan 2024 18:52

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-06-0-2

Tgt Ion:244 Resp: 805985
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.4 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: BF136878.D
 Acq: 02 Jan 2024 18:52

Tgt Ion:264 Resp: 146357
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 22.1 17.0 25.6

