

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136887.D
 Acq On : 02 Jan 2024 23:33
 Operator : CG\JU
 Sample : 05900-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-59

Quant Time: Jan 03 02:06:19 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	79618	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	300106	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	148724	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	270681	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	148477	20.000	ng	-0.01
86) Perylene-d12	15.439	264	146929	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	426519	83.586	ng	0.00
7) Phenol-d6	6.428	99	531726	80.419	ng	-0.01
23) Nitrobenzene-d5	7.345	82	334470	57.030	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	121122	69.151	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	489984	44.312	ng	-0.02
79) Terphenyl-d14	12.898	244	385771	36.309	ng	-0.02

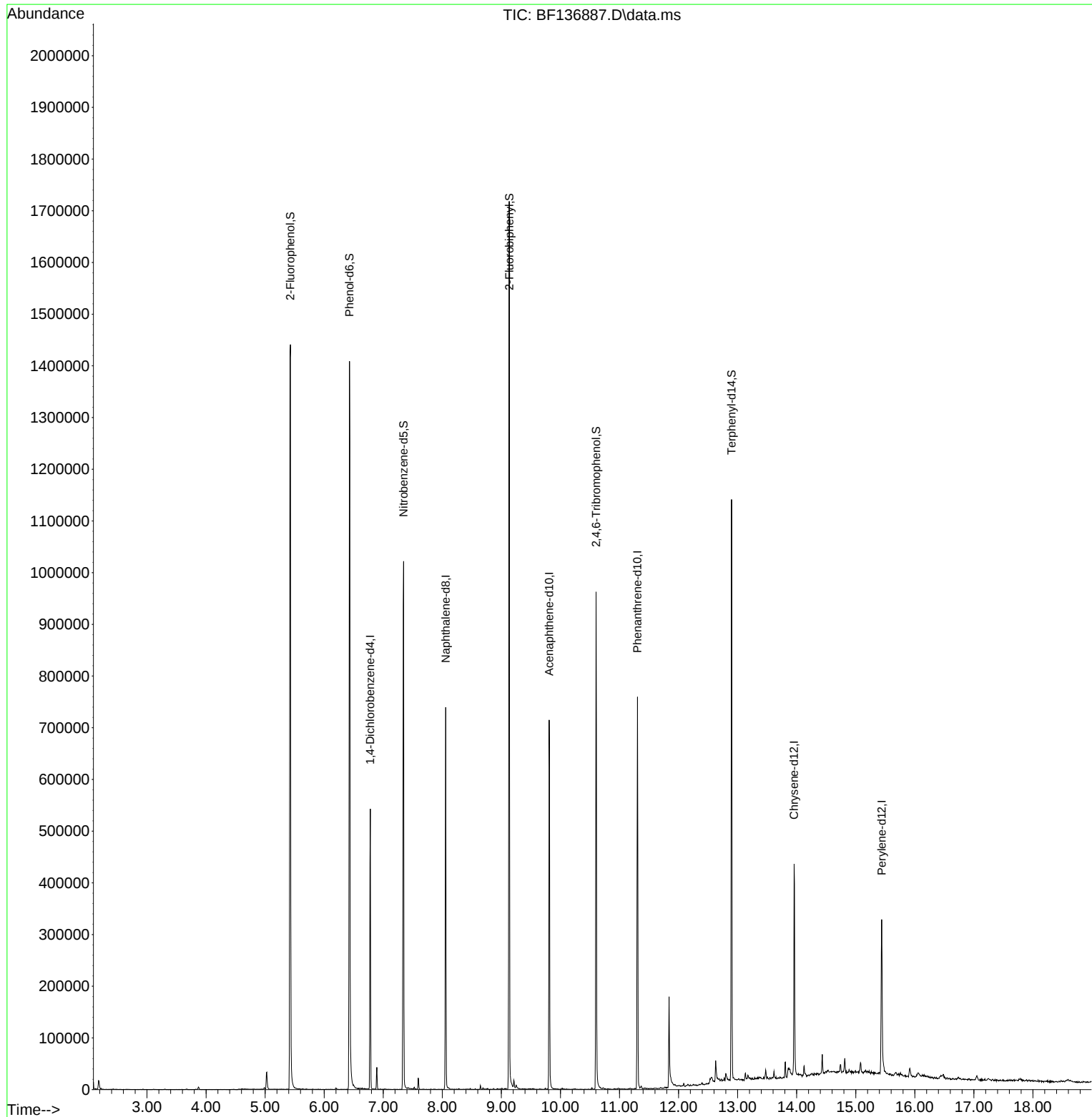
Target Compounds	Qvalue

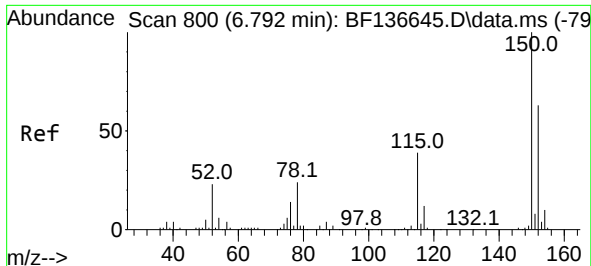
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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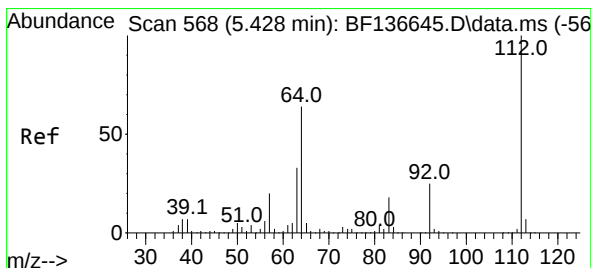
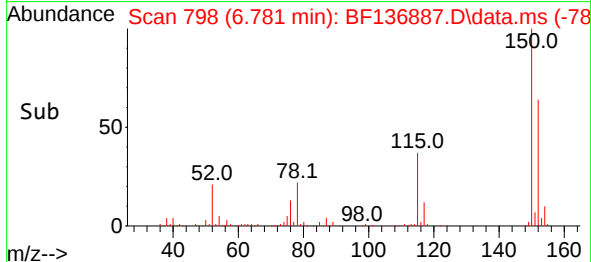
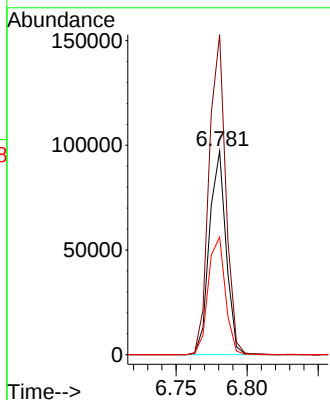
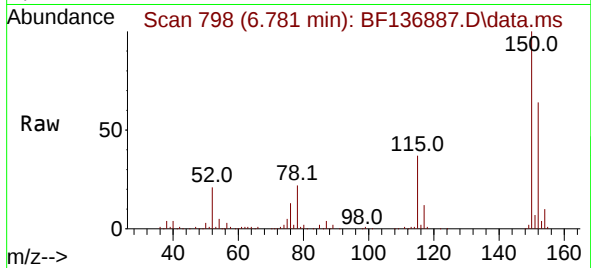




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

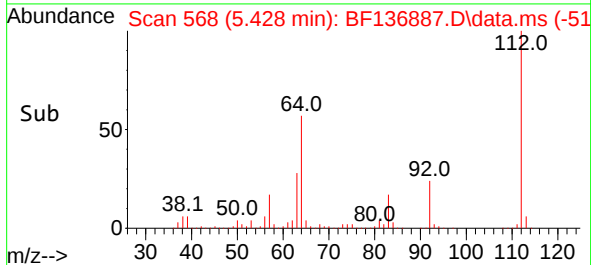
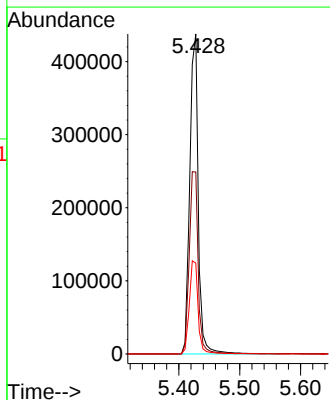
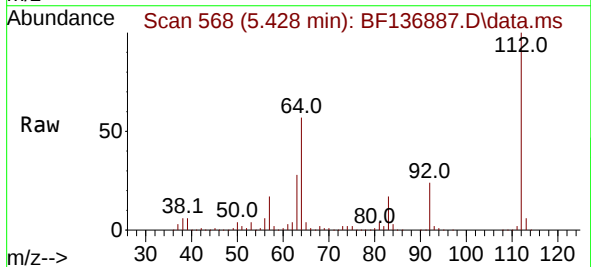
Instrument :
BNA_F
ClientSampleId :
GHL-SS-59

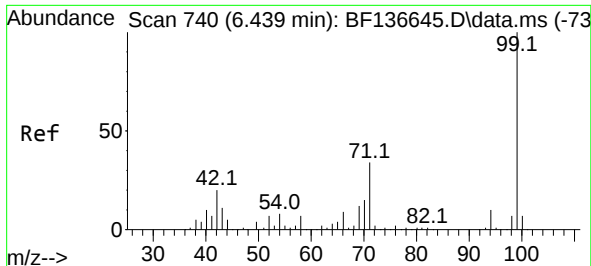
Tgt Ion:152 Resp: 79618
Ion Ratio Lower Upper
152 100
150 157.3 127.0 190.6
115 57.8 49.0 73.4



#5
2-Fluorophenol
Concen: 83.586 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

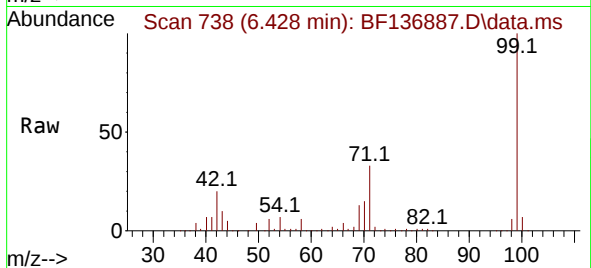
Tgt Ion:112 Resp: 426519
Ion Ratio Lower Upper
112 100
64 56.8 51.1 76.7
63 28.4 26.1 39.1



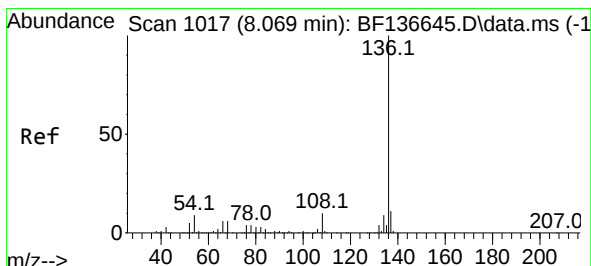
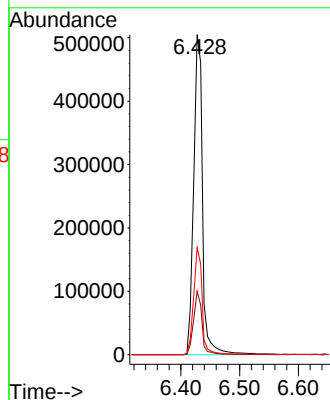
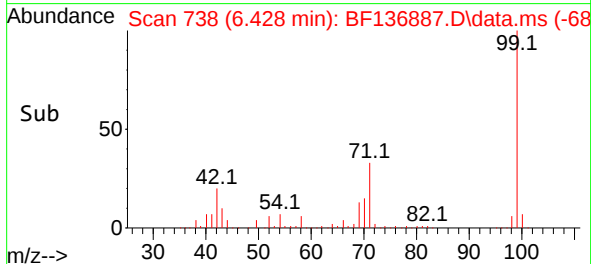


#7
Phenol-d6
Concen: 80.419 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33

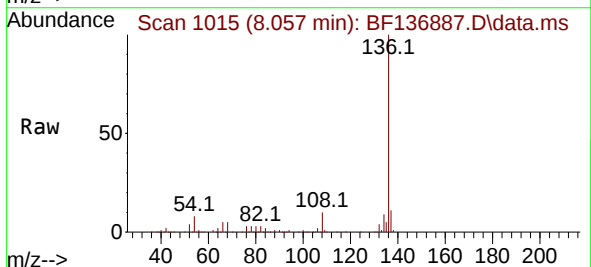
Instrument :
BNA_F
ClientSampleId :
GHL-SS-59



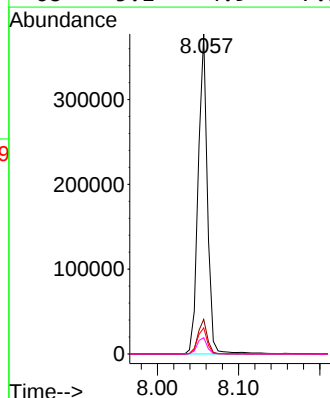
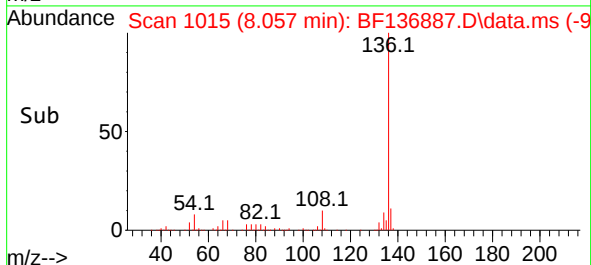
Tgt Ion: 99 Resp: 531726
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.5 27.4 41.2

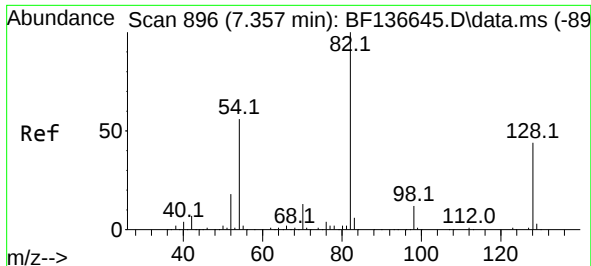


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136887.D
Acq: 02 Jan 2024 23:33



Tgt Ion: 136 Resp: 300106
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.1 7.2 10.8
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 57.030 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

Instrument :

BNA_F

ClientSampleId :

GHL-SS-59

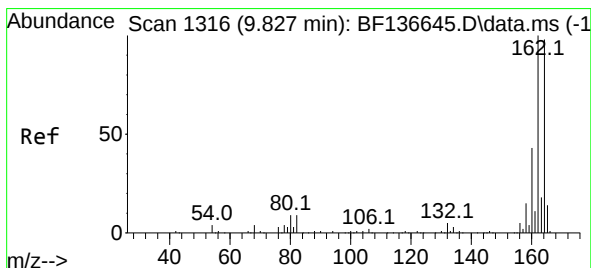
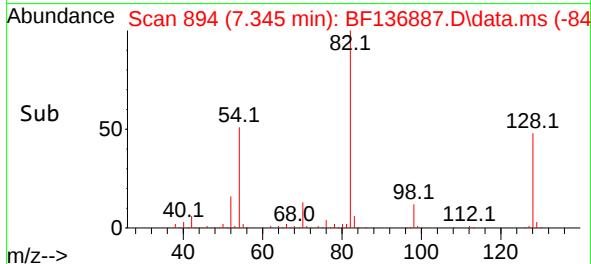
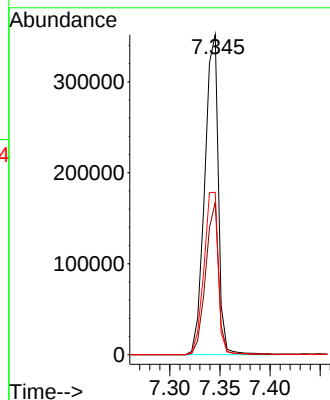
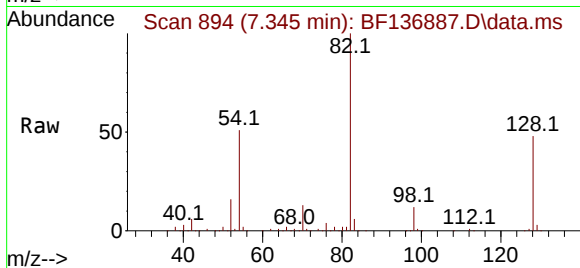
Tgt Ion: 82 Resp: 334470

Ion Ratio Lower Upper

82 100

128 47.6 35.3 52.9

54 50.7 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: BF136887.D

Acq: 02 Jan 2024 23:33

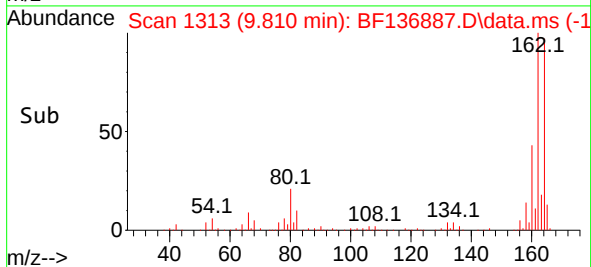
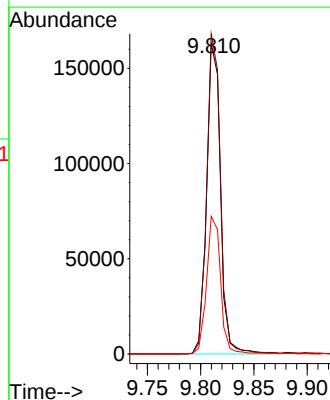
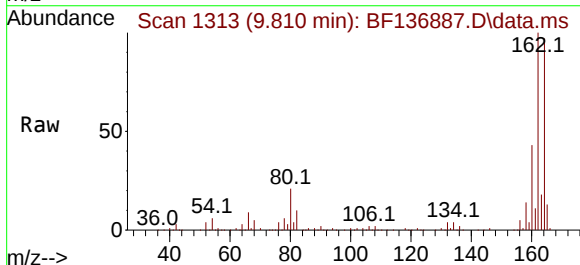
Tgt Ion:164 Resp: 148724

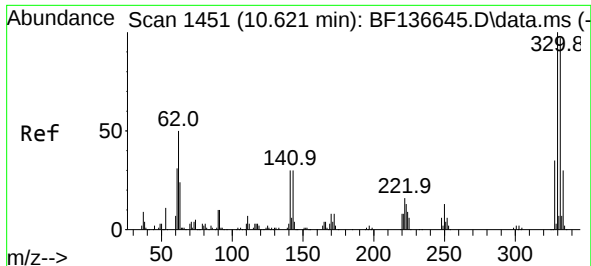
Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 69.151 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.018 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

Instrument :

BNA_F

ClientSampleId :

GHL-SS-59

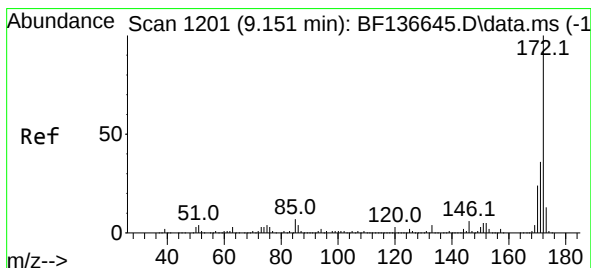
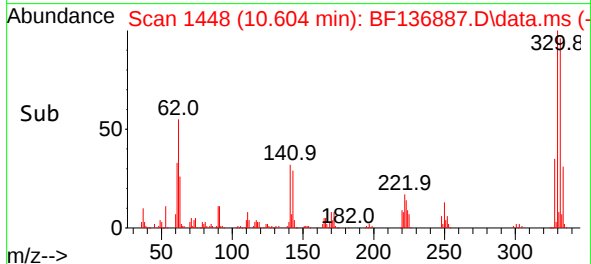
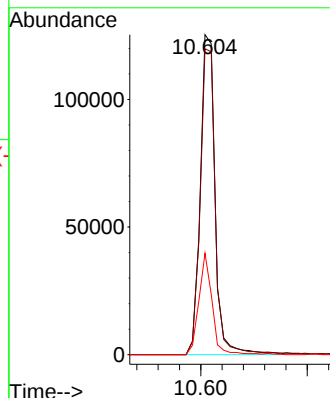
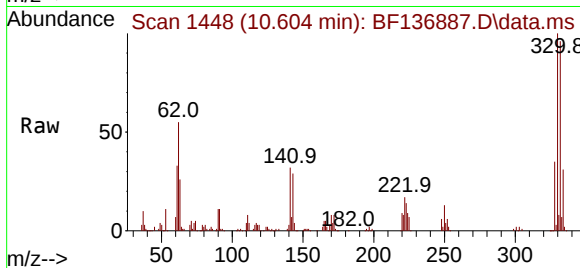
Tgt Ion:330 Resp: 121122

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.0

141 28.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 44.312 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

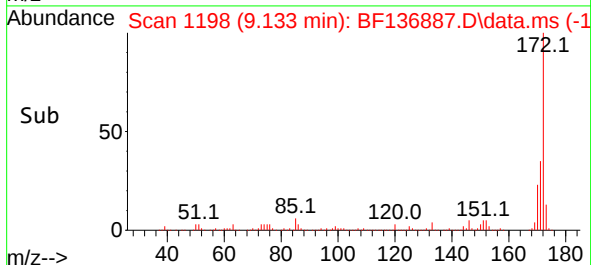
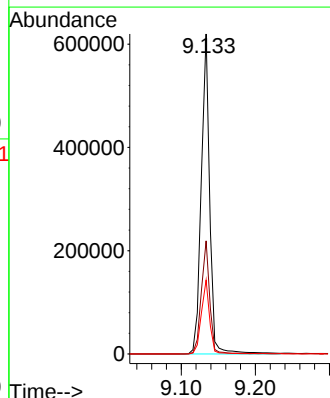
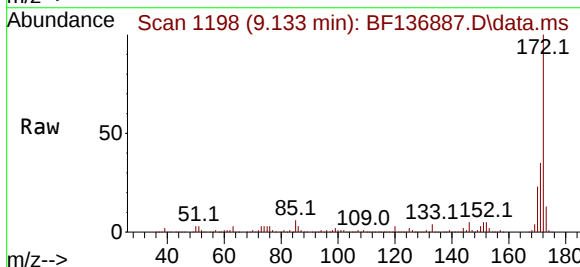
Tgt Ion:172 Resp: 489984

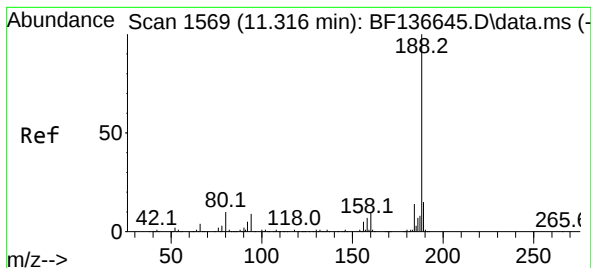
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.012 min

Lab File: BF136887.D

Acq: 02 Jan 2024 23:33

Instrument :

BNA_F

ClientSampleId :

GHL-SS-59

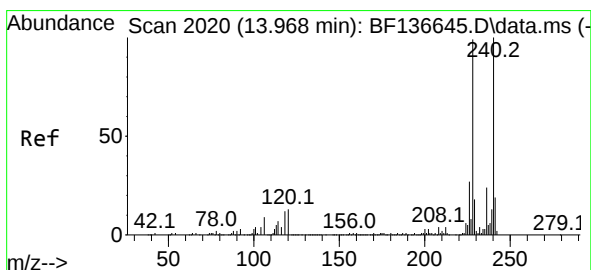
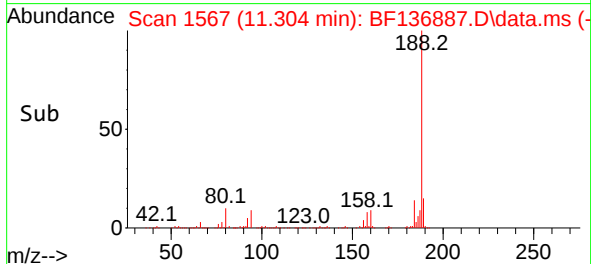
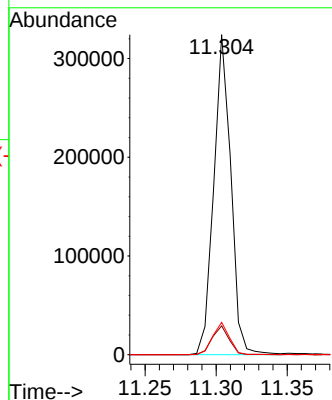
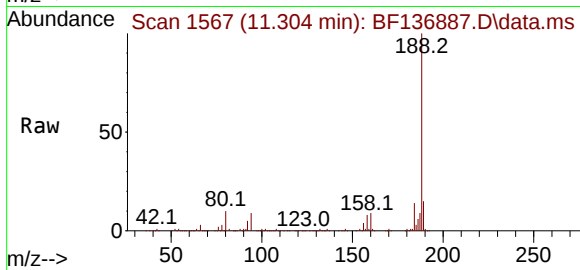
Tgt Ion:188 Resp: 270681

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.1 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: BF136887.D

Acq: 02 Jan 2024 23:33

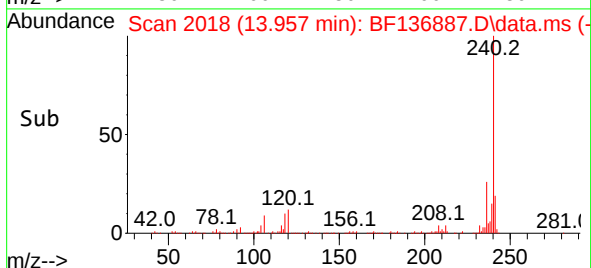
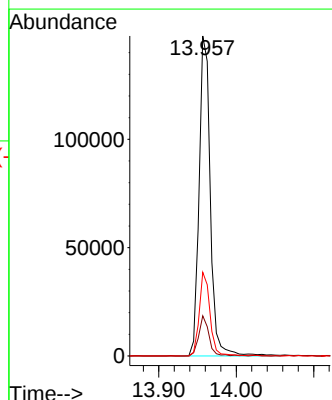
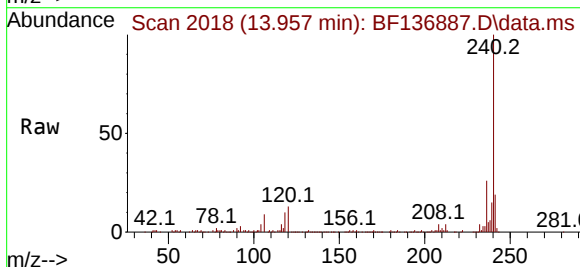
Tgt Ion:240 Resp: 148477

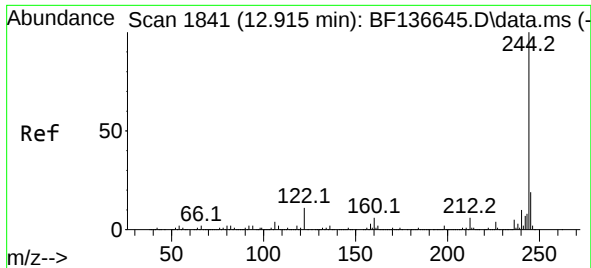
Ion Ratio Lower Upper

240 100

120 12.6 10.3 15.5

236 26.2 19.4 29.2

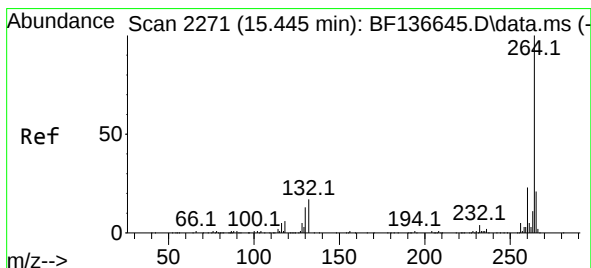
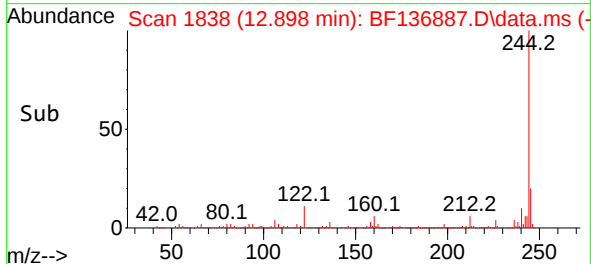
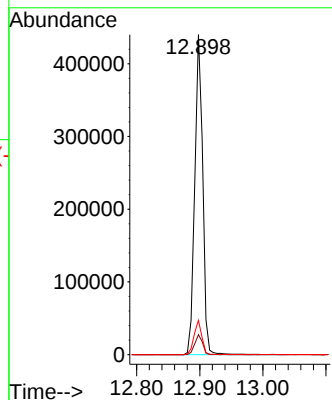
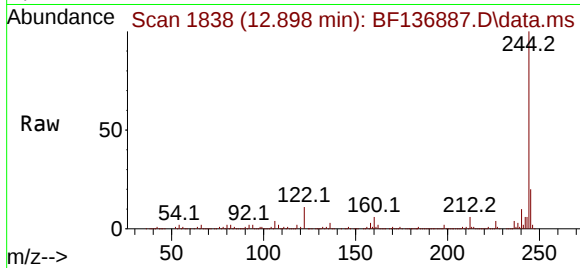




#79
 Terphenyl-d14
 Concen: 36.309 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF136887.D
 Acq: 02 Jan 2024 23:33

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-59

Tgt Ion:244 Resp: 385771
 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: BF136887.D
 Acq: 02 Jan 2024 23:33

Tgt Ion:264 Resp: 146929
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.3 27.5
 265 20.9 17.0 25.6

