

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136792.D
 Acq On : 28 Dec 2023 13:50
 Operator : CG\JU
 Sample : 05897-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GHL-SS-33

Quant Time: Dec 28 14:14:34 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	64910	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	260901	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137129	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	294453	20.000	ng	0.00
76) Chrysene-d12	13.963	240	230645	20.000	ng	0.00
86) Perylene-d12	15.445	264	172834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	397023	95.435	ng	0.00
7) Phenol-d6	6.428	99	504803	93.646	ng	-0.01
23) Nitrobenzene-d5	7.345	82	318450	62.458	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	160424	99.334	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	661377	64.869	ng	-0.01
79) Terphenyl-d14	12.910	244	914843	55.430	ng	0.00

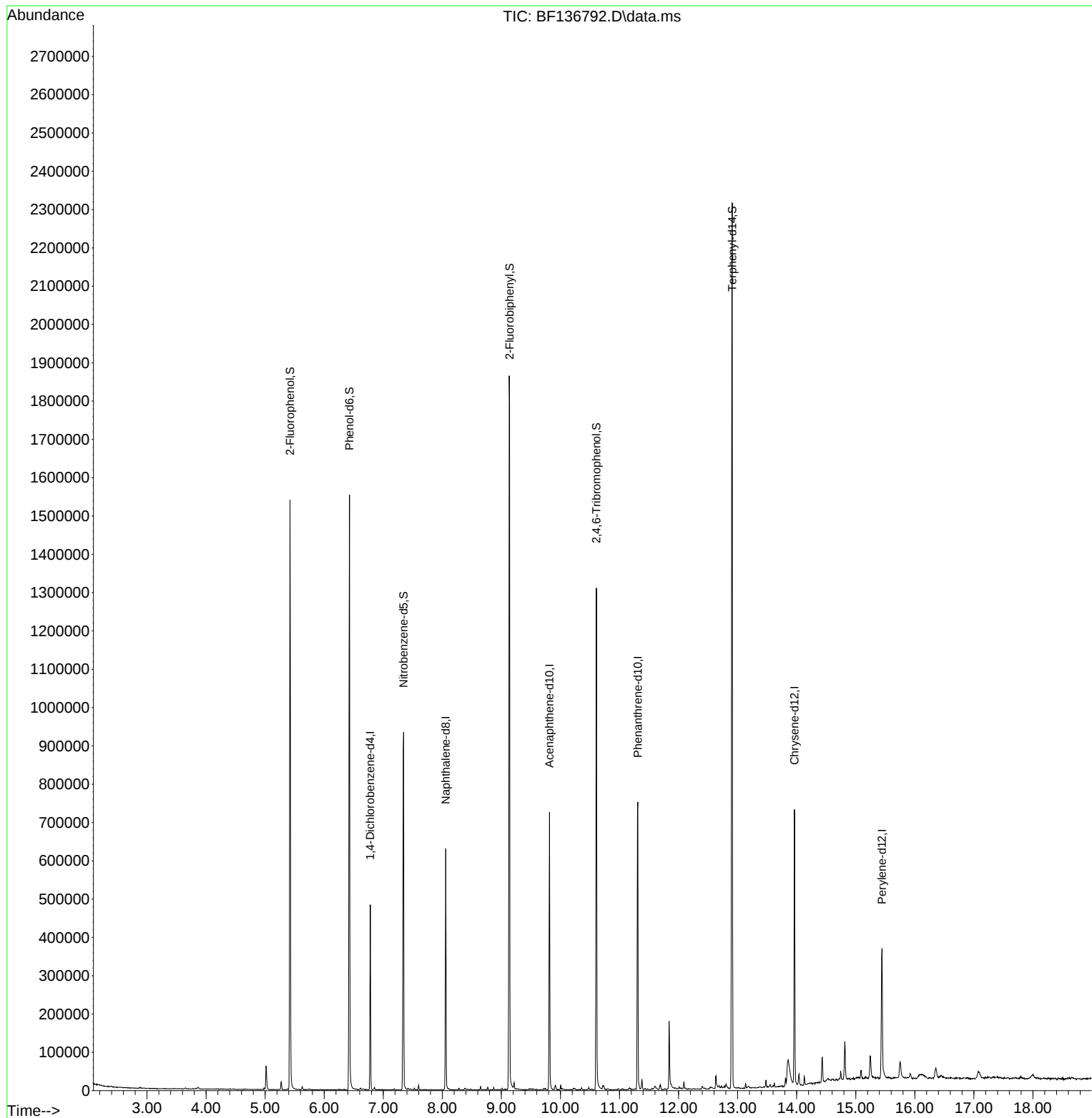
Target Compounds	Qvalue

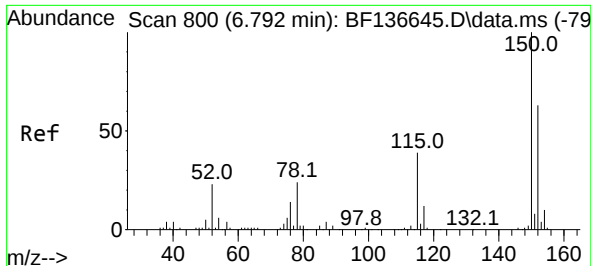
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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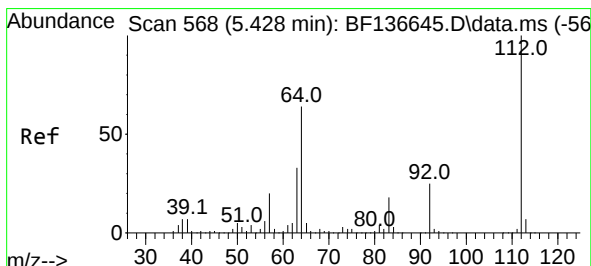
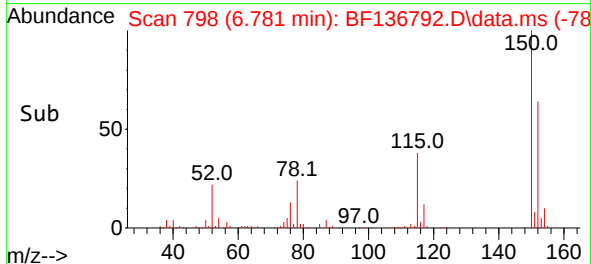
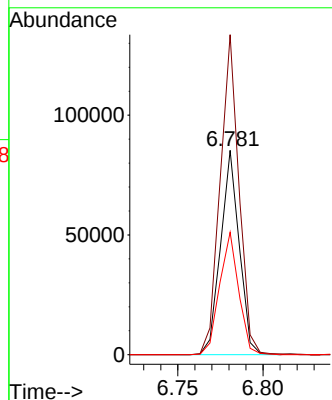
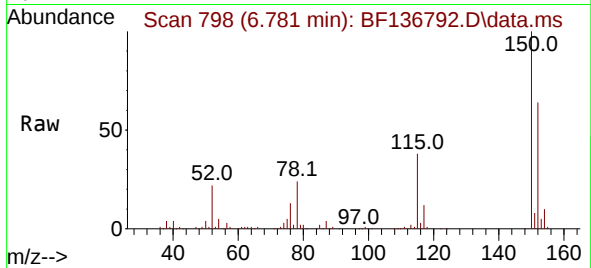




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

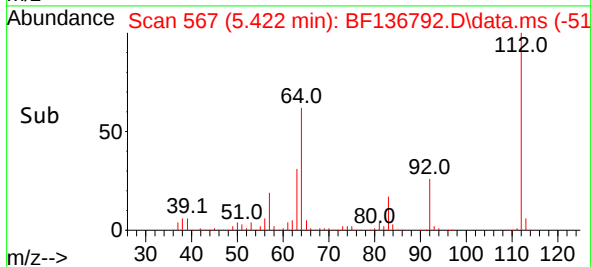
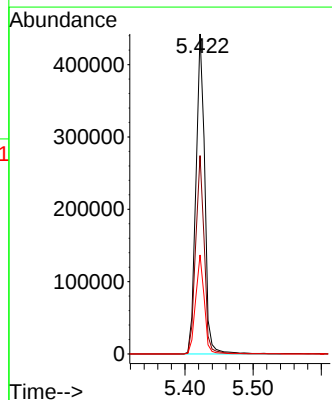
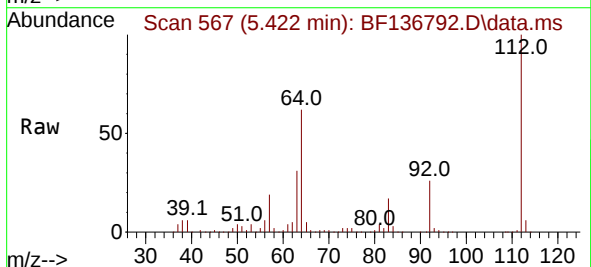
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

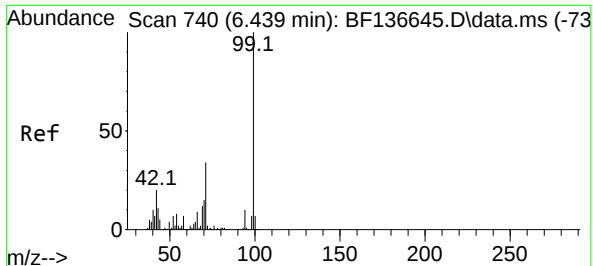
Tgt Ion:152 Resp: 64910
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 59.9 49.0 73.4



#5
2-Fluorophenol
Concen: 95.435 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:112 Resp: 397023
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 30.9 26.1 39.1

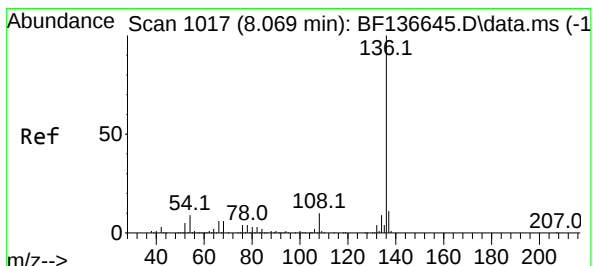
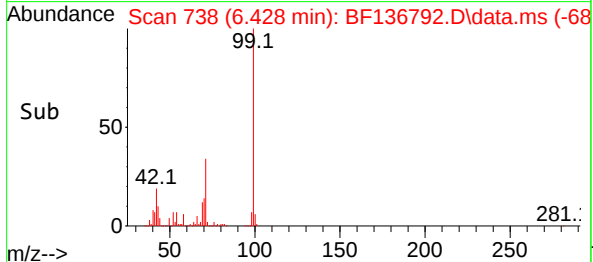
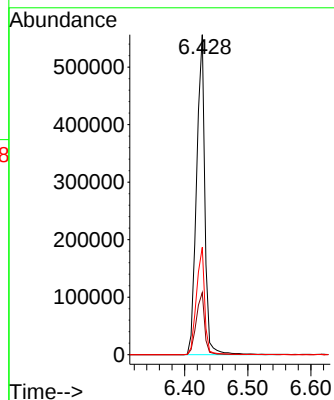
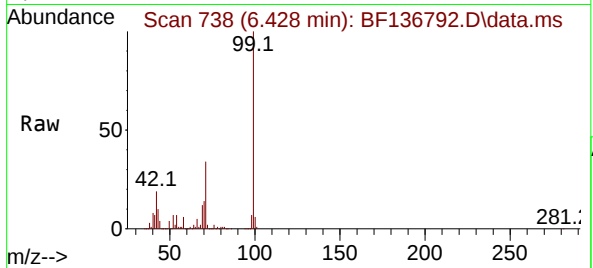




#7
Phenol-d6
Concen: 93.646 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

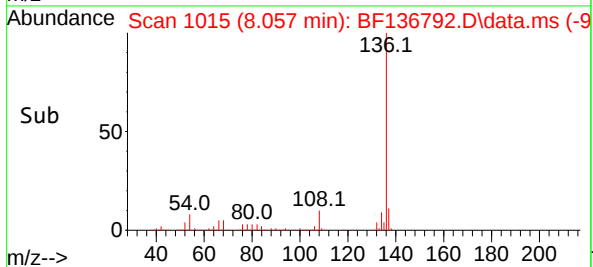
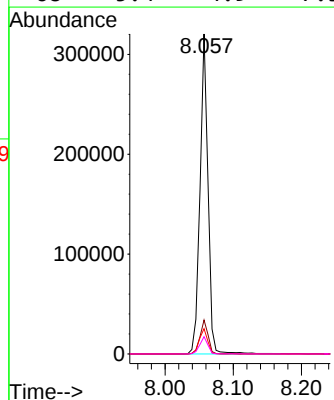
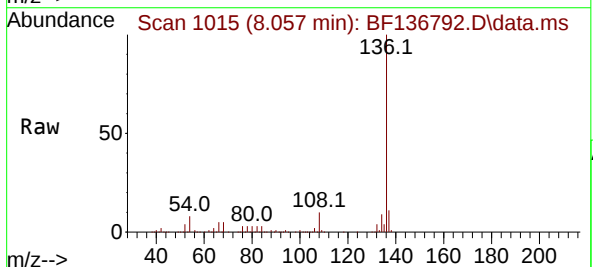
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

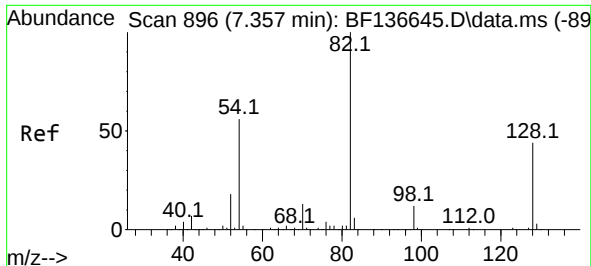
Tgt Ion: 99 Resp: 504803
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 33.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion: 136 Resp: 260901
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.9 7.2 10.8
68 5.4 4.9 7.3

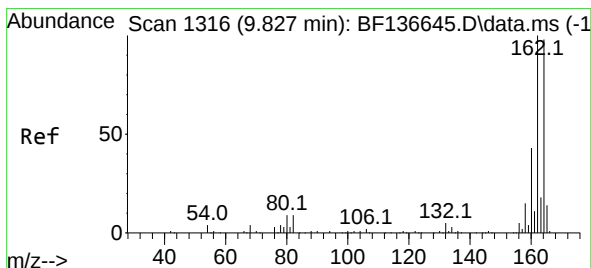
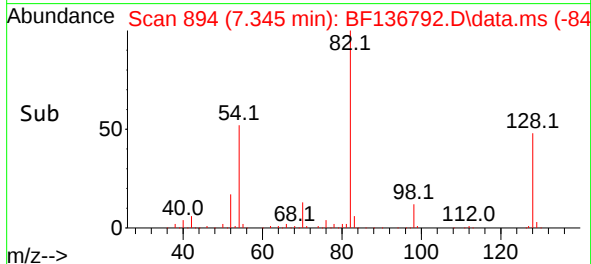
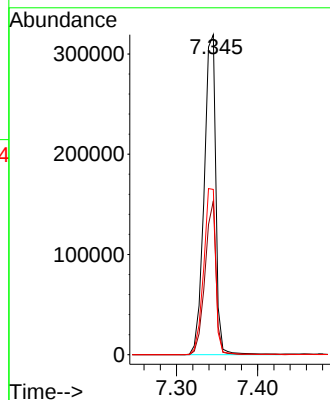
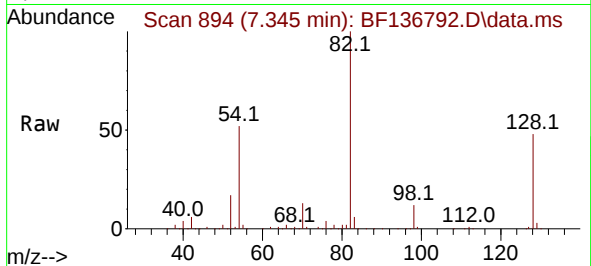




#23
Nitrobenzene-d5
Concen: 62.458 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

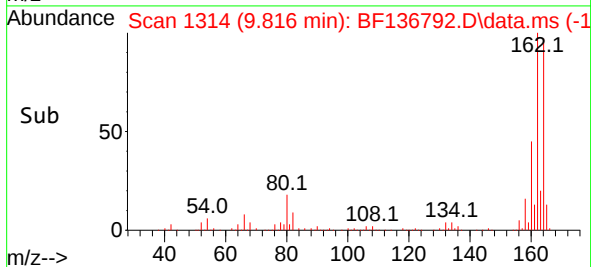
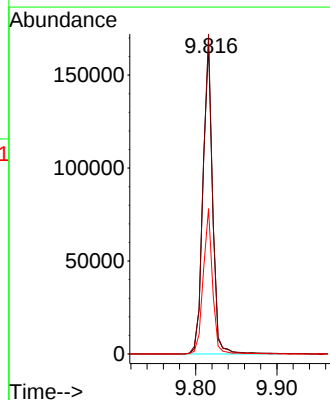
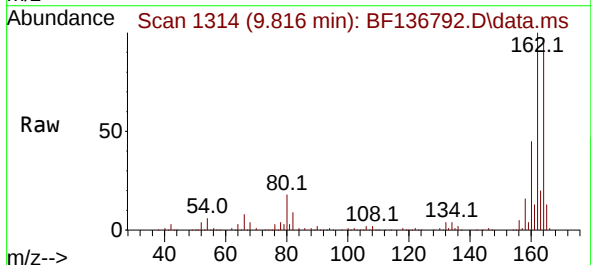
Instrument :
BNA_F
ClientSampleId :
GHL-SS-33

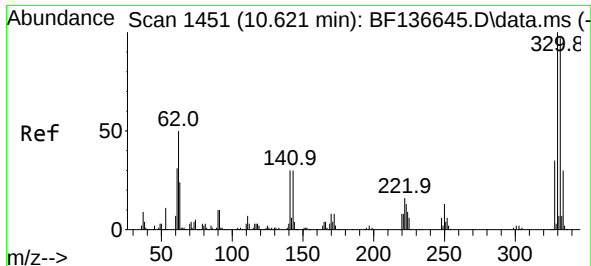
Tgt Ion: 82 Resp: 318450
Ion Ratio Lower Upper
82 100
128 48.0 35.3 52.9
54 51.6 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136792.D
Acq: 28 Dec 2023 13:50

Tgt Ion:164 Resp: 137129
Ion Ratio Lower Upper
164 100
162 103.3 81.6 122.4
160 46.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 99.334 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136792.D

Acq: 28 Dec 2023 13:50

Instrument :

BNA_F

ClientSampleId :

GHL-SS-33

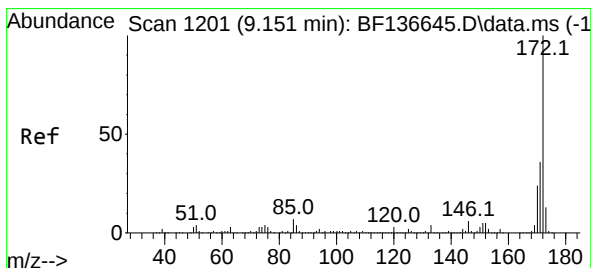
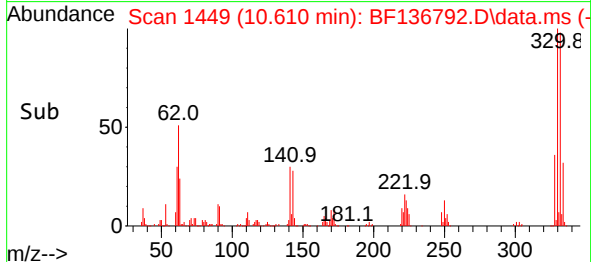
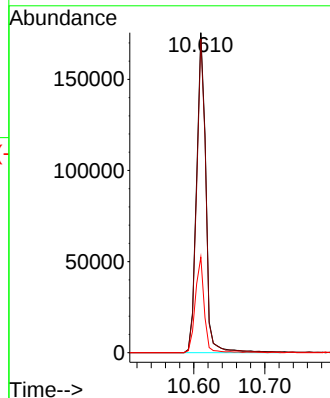
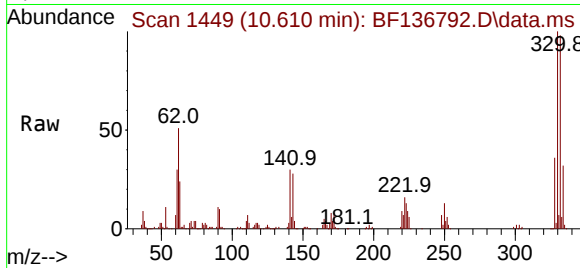
Tgt Ion:330 Resp: 160424

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.0

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 64.869 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136792.D

Acq: 28 Dec 2023 13:50

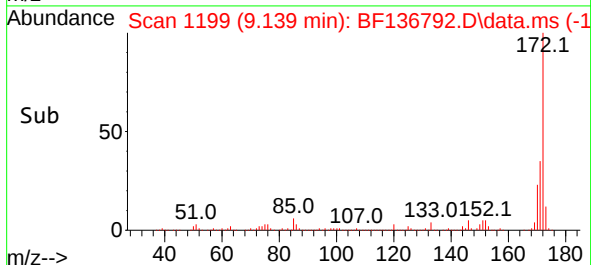
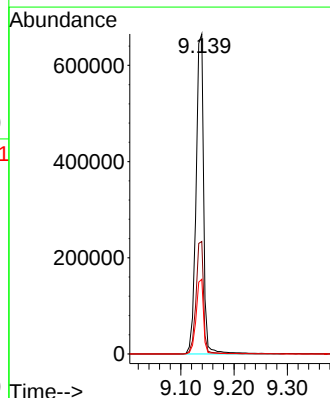
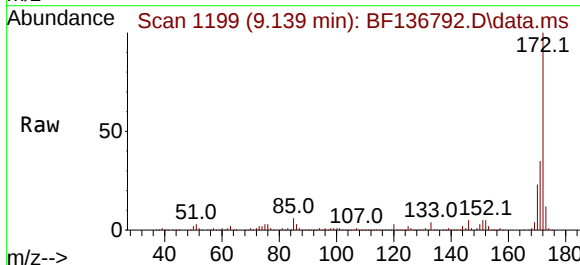
Tgt Ion:172 Resp: 661377

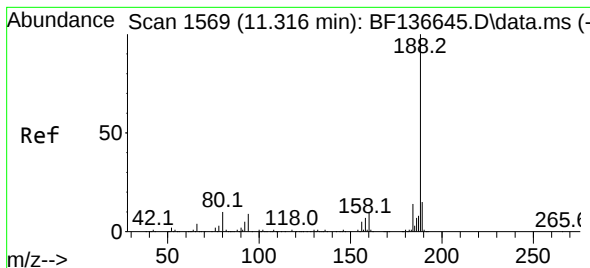
Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136792.D

Acq: 28 Dec 2023 13:50

Instrument :

BNA_F

ClientSampleId :

GHL-SS-33

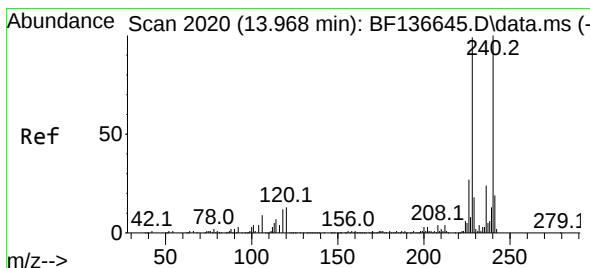
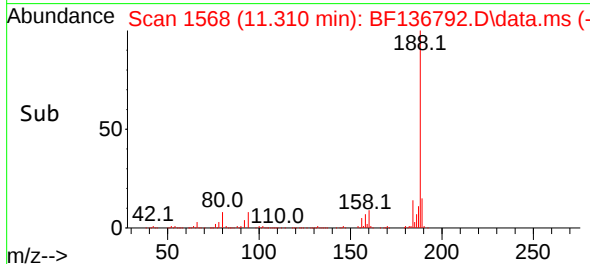
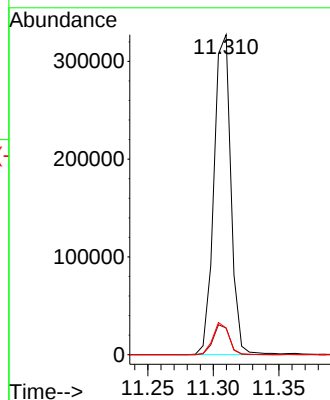
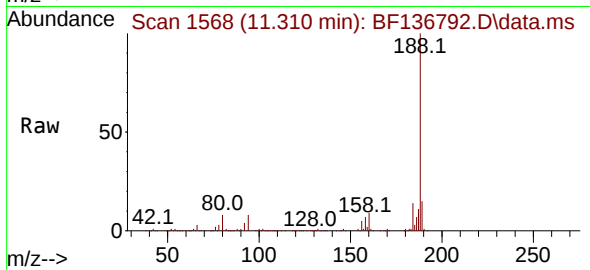
Tgt Ion:188 Resp: 294453

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

80 8.3 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: BF136792.D

Acq: 28 Dec 2023 13:50

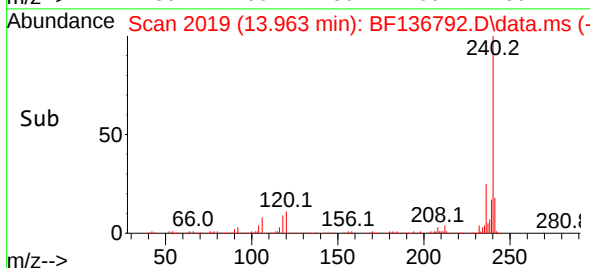
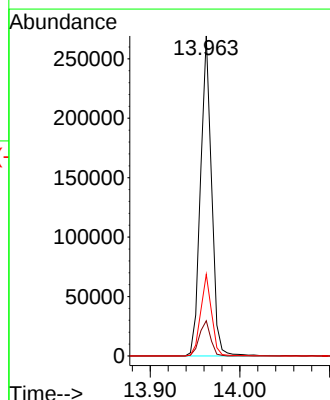
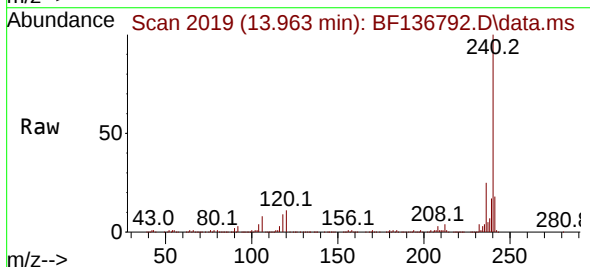
Tgt Ion:240 Resp: 230645

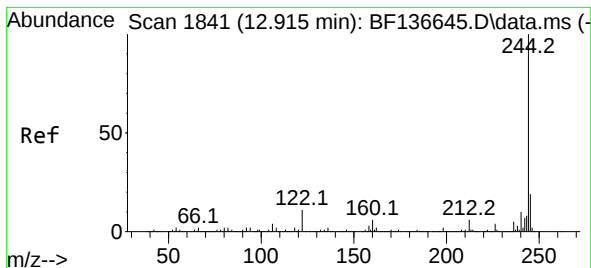
Ion Ratio Lower Upper

240 100

120 11.0 10.3 15.5

236 25.5 19.4 29.2





#79

Terphenyl-d14

Concen: 55.430 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136792.D

Acq: 28 Dec 2023 13:50

Instrument :

BNA_F

ClientSampleId :

GHL-SS-33

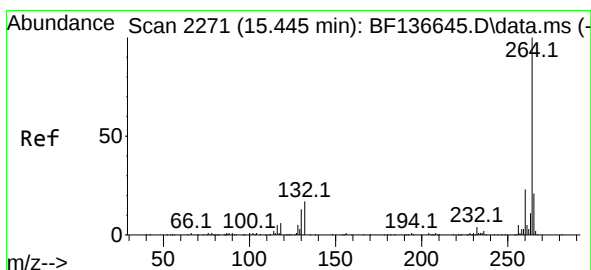
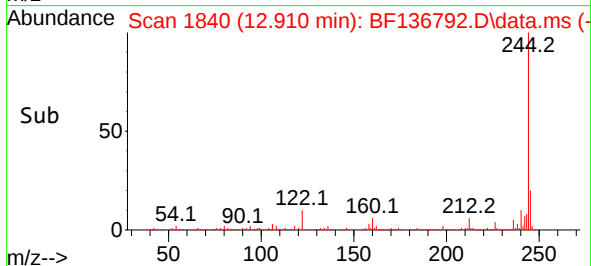
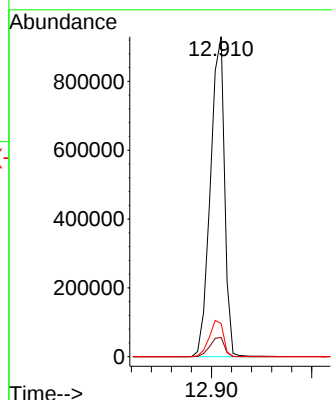
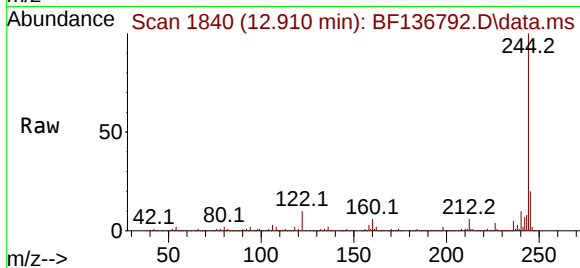
Tgt Ion:244 Resp: 914843

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136792.D

Acq: 28 Dec 2023 13:50

Tgt Ion:264 Resp: 172834

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.3 17.0 25.6

