

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136842.D
 Acq On : 29 Dec 2023 22:30
 Operator : CG\JU
 Sample : PB158107TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158107TB

Quant Time: Dec 30 03:08:26 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	73620	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	285792	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148335	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	285079	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	155726	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	150230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	567864	120.352	ng	0.00
7) Phenol-d6	6.428	99	716562	117.203	ng	-0.01
23) Nitrobenzene-d5	7.345	82	433937	77.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	197104	112.826	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	885774	80.315	ng	-0.01
79) Terphenyl-d14	12.904	244	928157	83.292	ng	-0.01

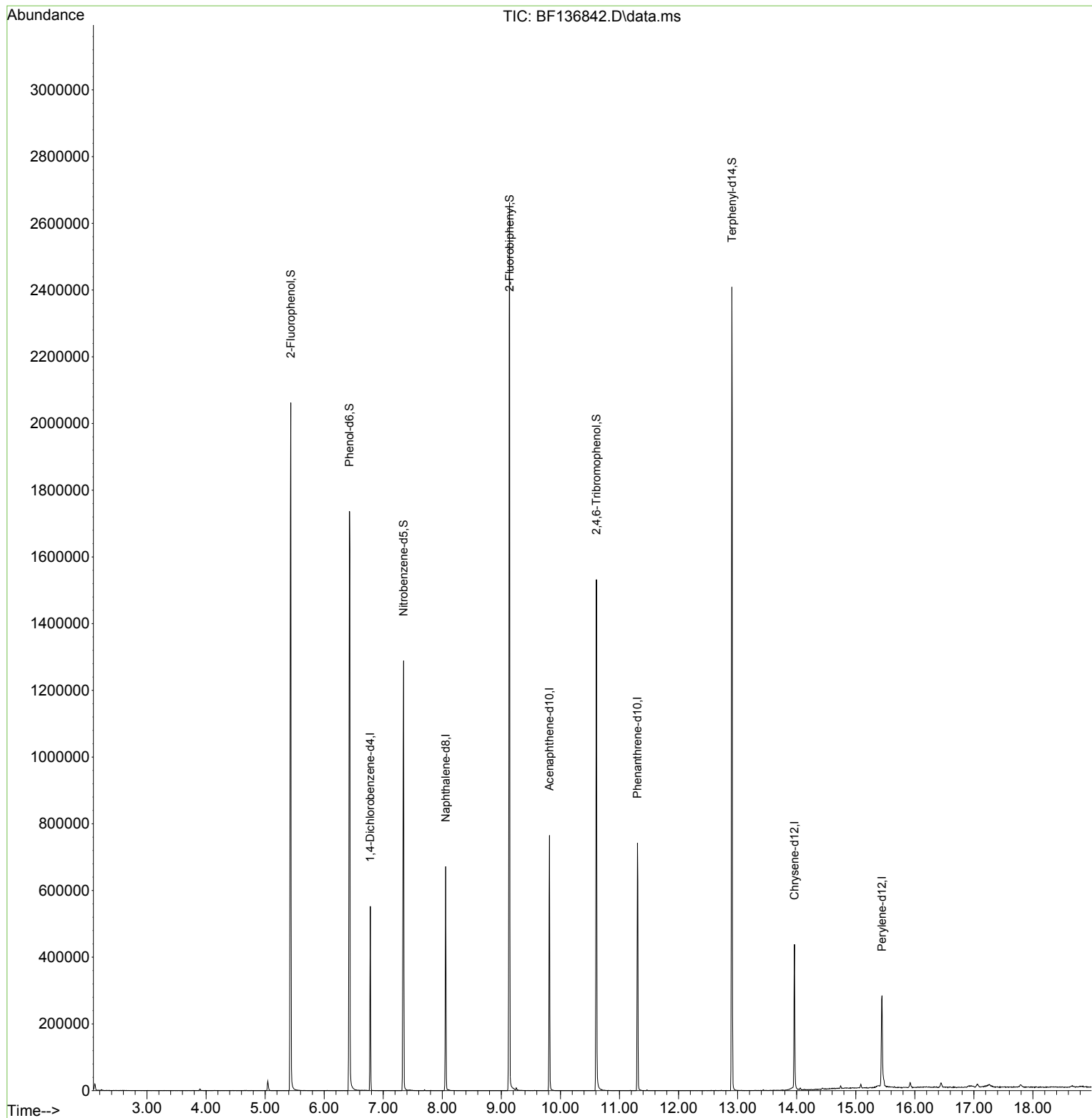
Target Compounds	Qvalue

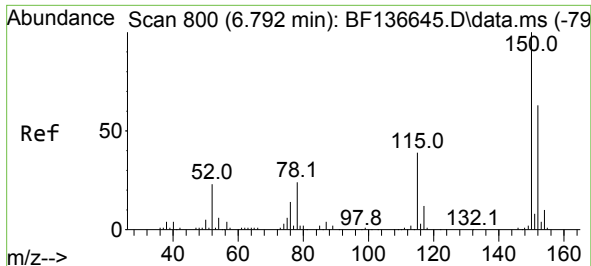
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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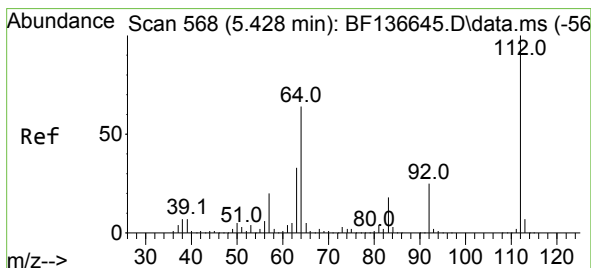
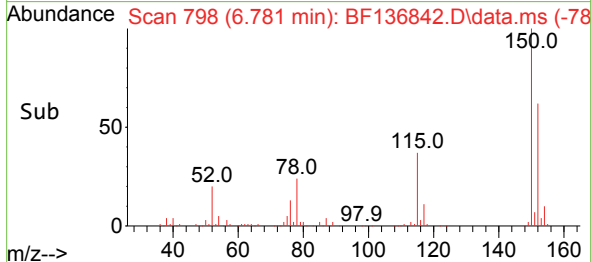
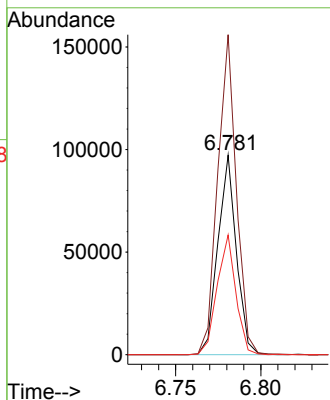
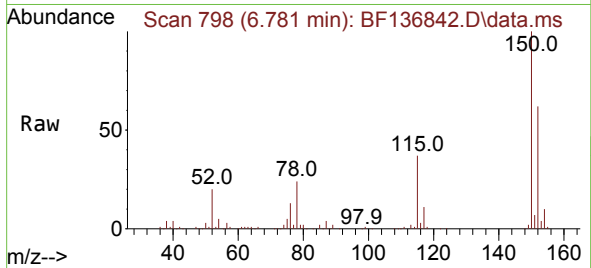




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

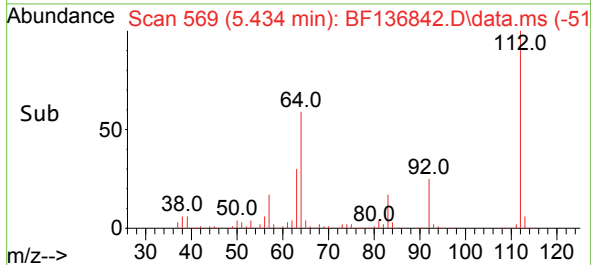
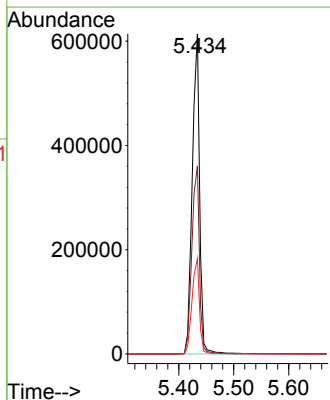
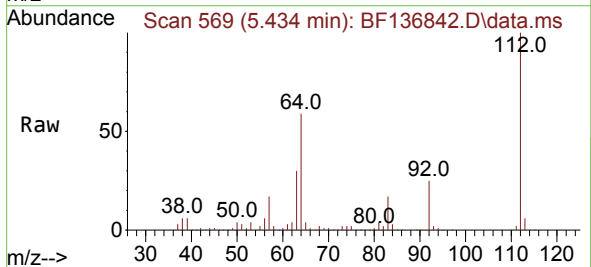
Instrument :
BNA_F
ClientSampleId :
PB158107TB

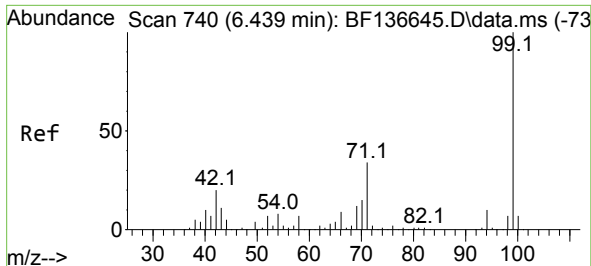
Tgt Ion:152 Resp: 73620
Ion Ratio Lower Upper
152 100
150 160.4 127.0 190.6
115 60.0 49.0 73.4



#5
2-Fluorophenol
Concen: 120.352 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion:112 Resp: 567864
Ion Ratio Lower Upper
112 100
64 58.7 51.1 76.7
63 29.9 26.1 39.1

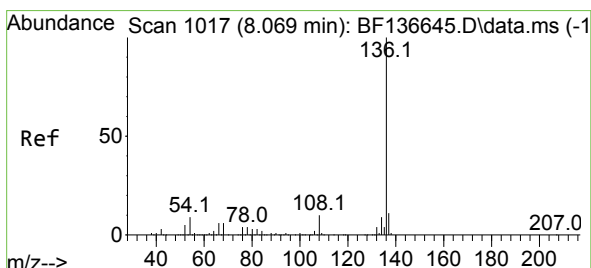
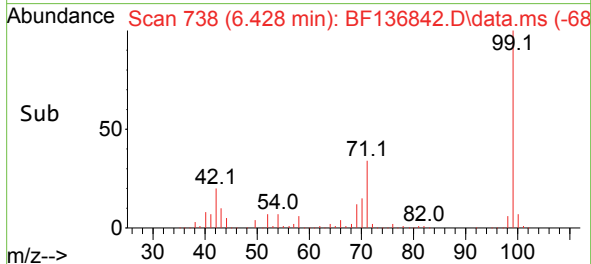
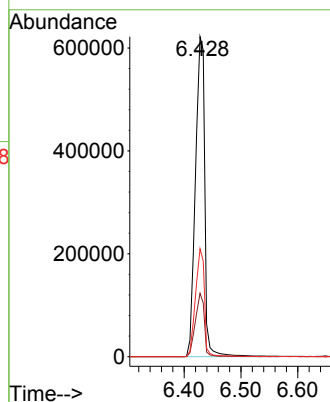
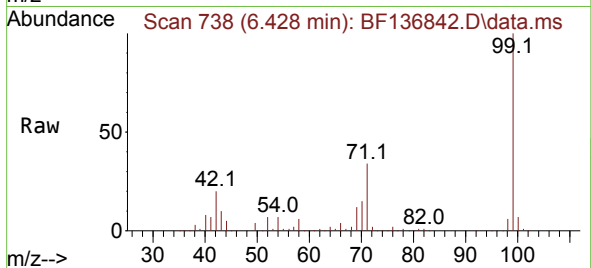




#7
Phenol-d6
Concen: 117.203 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

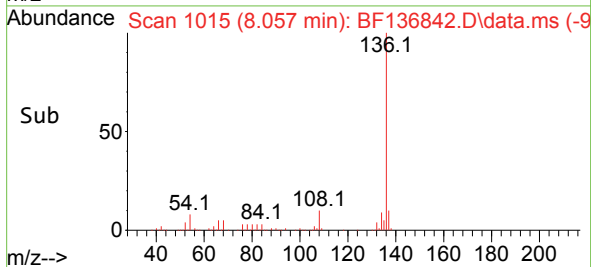
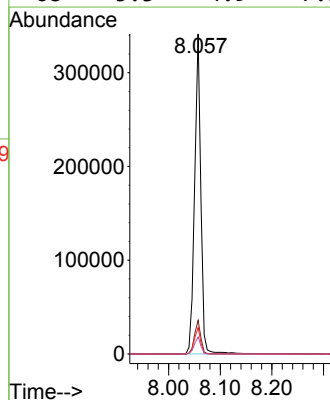
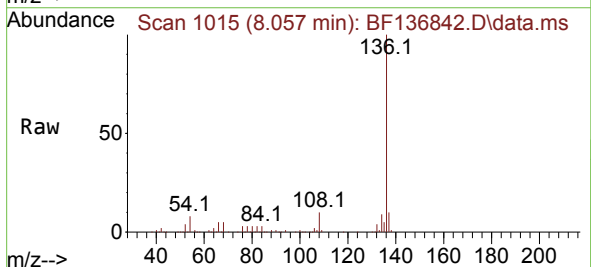
Instrument :
BNA_F
ClientSampleId :
PB158107TB

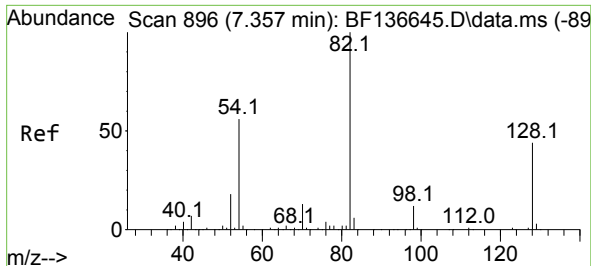
Tgt Ion: 99 Resp: 716562
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136842.D
Acq: 29 Dec 2023 22:30

Tgt Ion: 136 Resp: 285792
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 8.3 7.2 10.8
68 5.3 4.9 7.3

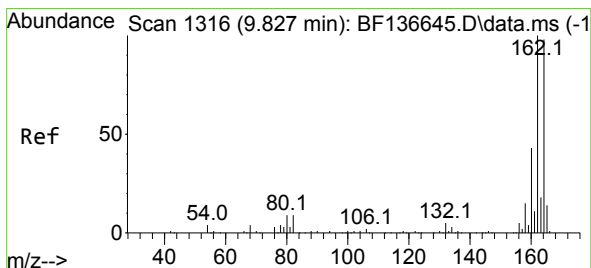
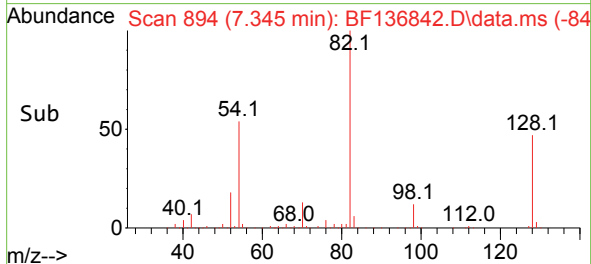
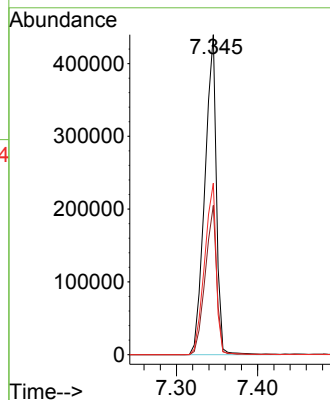
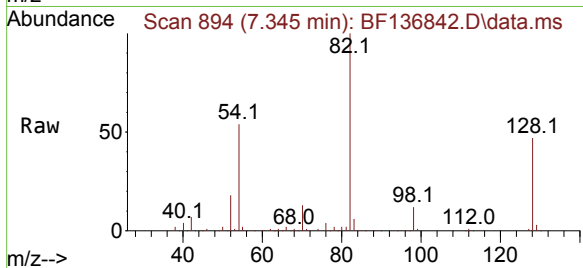




#23
 Nitrobenzene-d5
 Concen: 77.696 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136842.D
 Acq: 29 Dec 2023 22:30

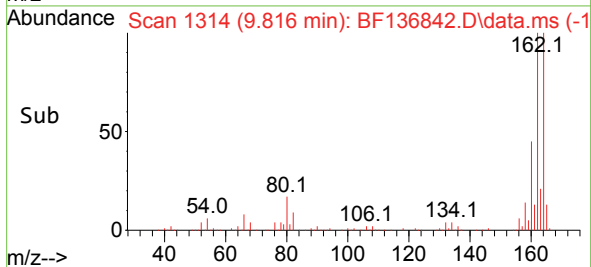
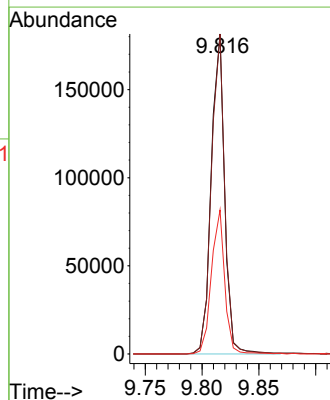
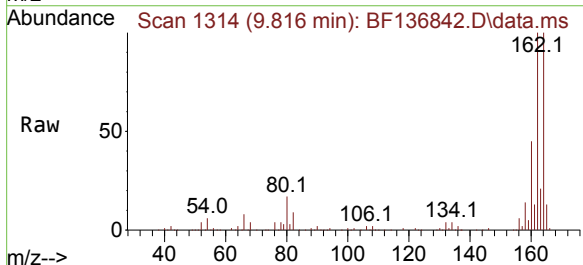
Instrument :
 BNA_F
 ClientSampleId :
 PB158107TB

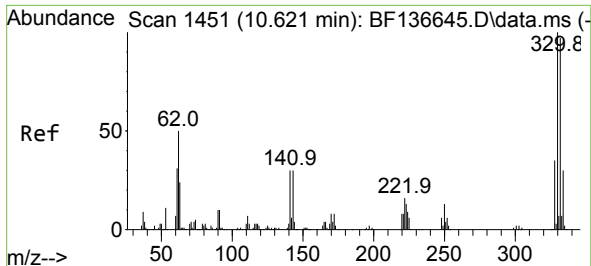
Tgt Ion: 82 Resp: 433937
 Ion Ratio Lower Upper
 82 100
 128 46.7 35.3 52.9
 54 53.6 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136842.D
 Acq: 29 Dec 2023 22:30

Tgt Ion:164 Resp: 148335
 Ion Ratio Lower Upper
 164 100
 162 99.9 81.6 122.4
 160 45.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 112.826 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136842.D

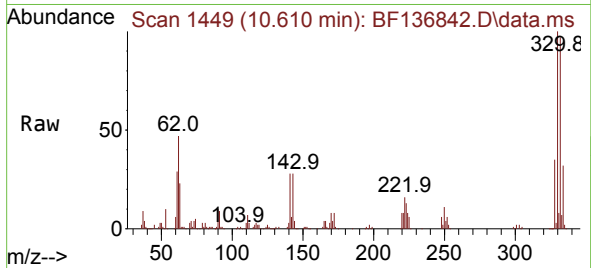
Acq: 29 Dec 2023 22:30

Instrument :

BNA_F

ClientSampleId :

PB158107TB



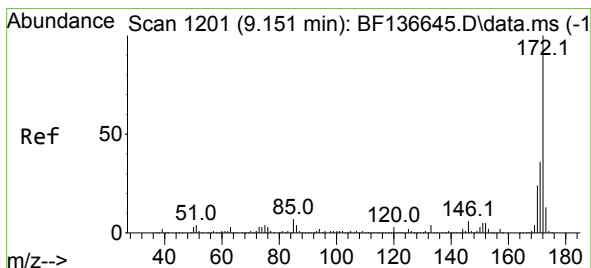
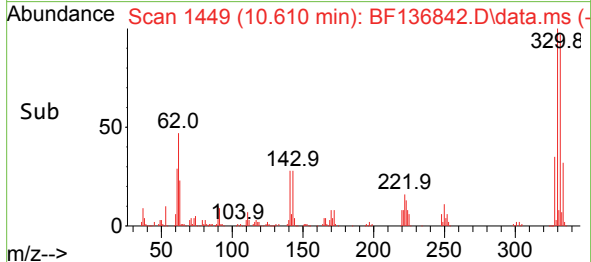
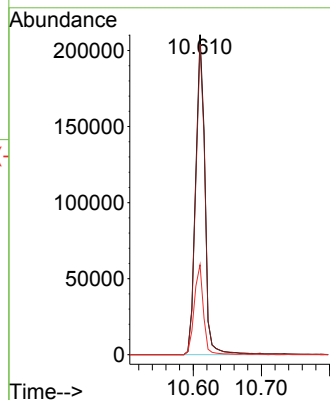
Tgt Ion:330 Resp: 197104

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 80.315 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136842.D

Acq: 29 Dec 2023 22:30

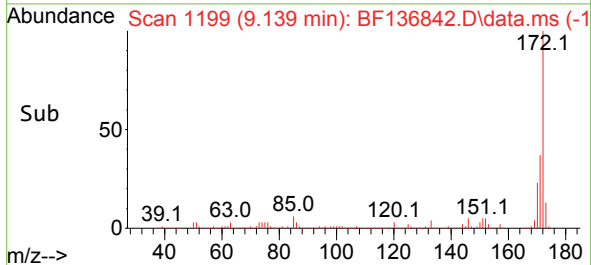
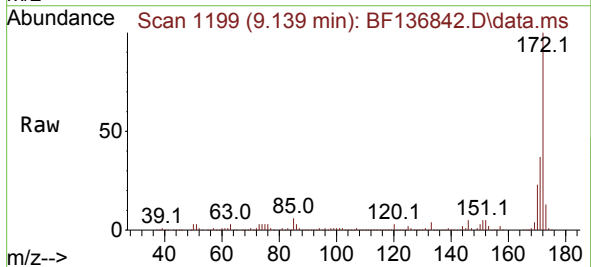
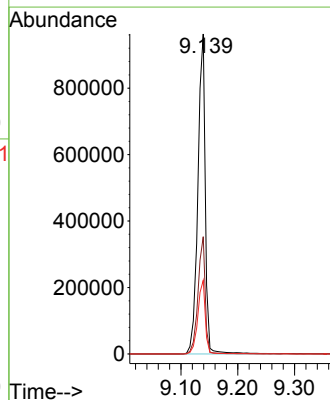
Tgt Ion:172 Resp: 885774

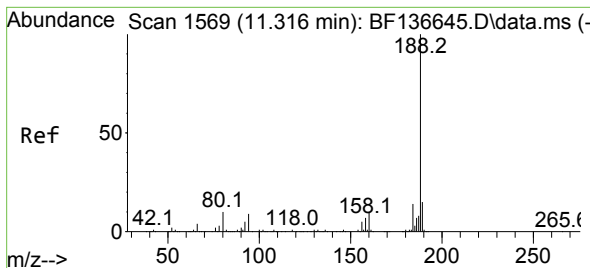
Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.6

170 23.0 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: BF136842.D

Acq: 29 Dec 2023 22:30

Instrument :

BNA_F

ClientSampleId :

PB158107TB

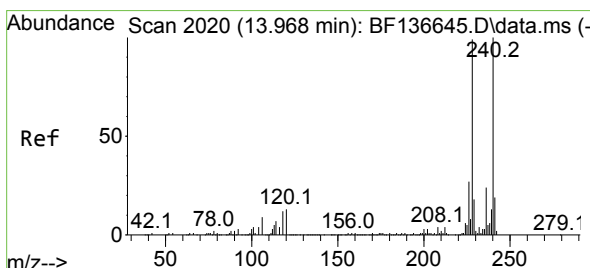
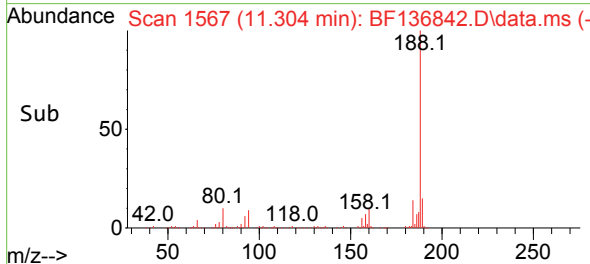
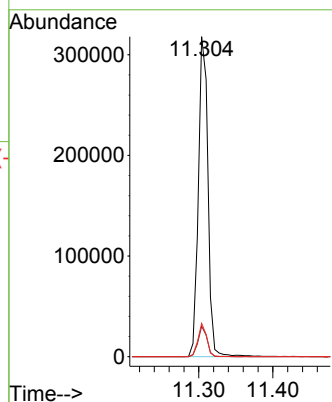
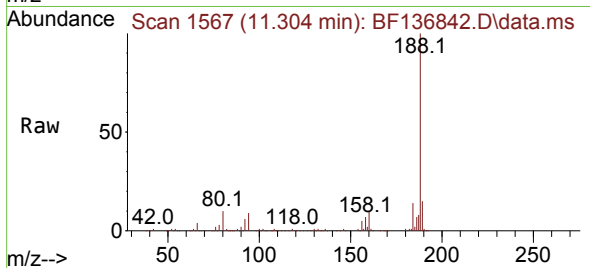
Tgt Ion:188 Resp: 285079

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 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: BF136842.D

Acq: 29 Dec 2023 22:30

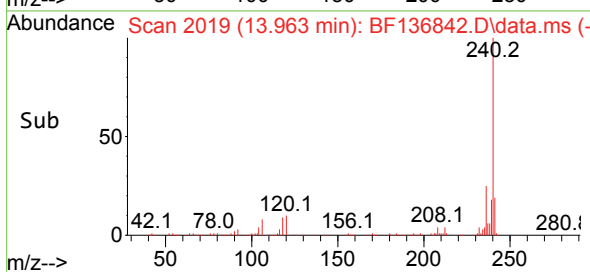
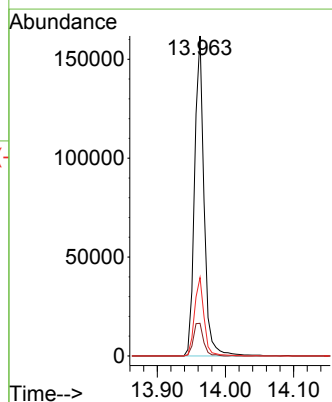
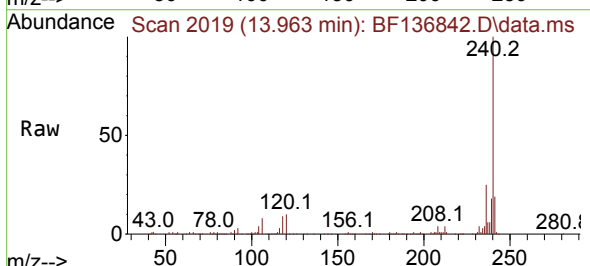
Tgt Ion:240 Resp: 155726

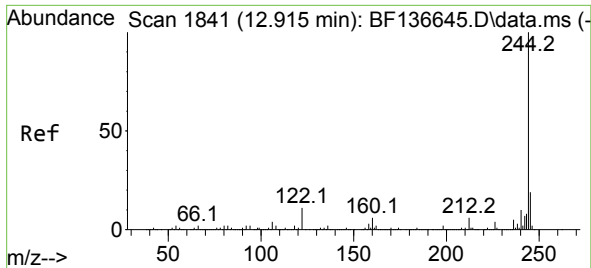
Ion Ratio Lower Upper

240 100

120 10.2 10.3 15.5#

236 24.5 19.4 29.2

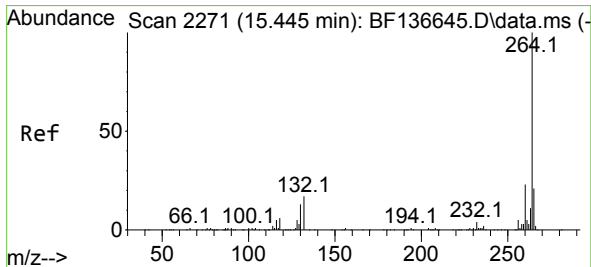
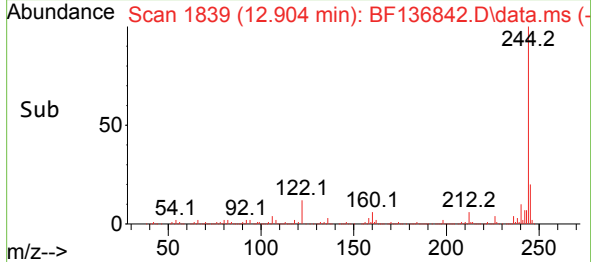
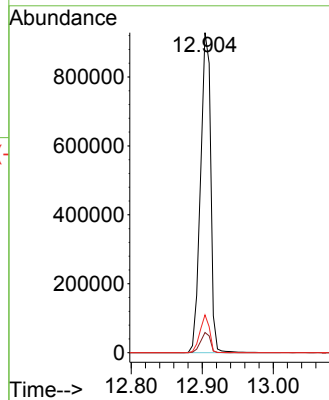
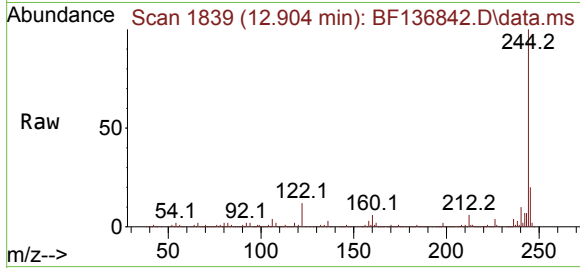




#79
 Terphenyl-d14
 Concen: 83.292 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136842.D
 Acq: 29 Dec 2023 22:30

Instrument :
 BNA_F
 ClientSampleId :
 PB158107TB

Tgt Ion:244 Resp: 928157
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.8 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: BF136842.D
 Acq: 29 Dec 2023 22:30

Tgt Ion:264 Resp: 150230
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.6 17.0 25.6

