

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136681.D
 Acq On : 22 Dec 2023 12:22
 Operator : CG\JU
 Sample : PB157641BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157641BL

Quant Time: Dec 22 12:49:28 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	71143	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278795	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	148473	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	301649	20.000	ng	0.00
76) Chrysene-d12	13.963	240	193152	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	152424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	401193	87.988	ng	0.00
7) Phenol-d6	6.428	99	499974	84.624	ng	-0.01
23) Nitrobenzene-d5	7.345	82	447397	82.117	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	140874	80.564	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	900206	81.548	ng	-0.01
79) Terphenyl-d14	12.910	244	1061470	76.798	ng	0.00

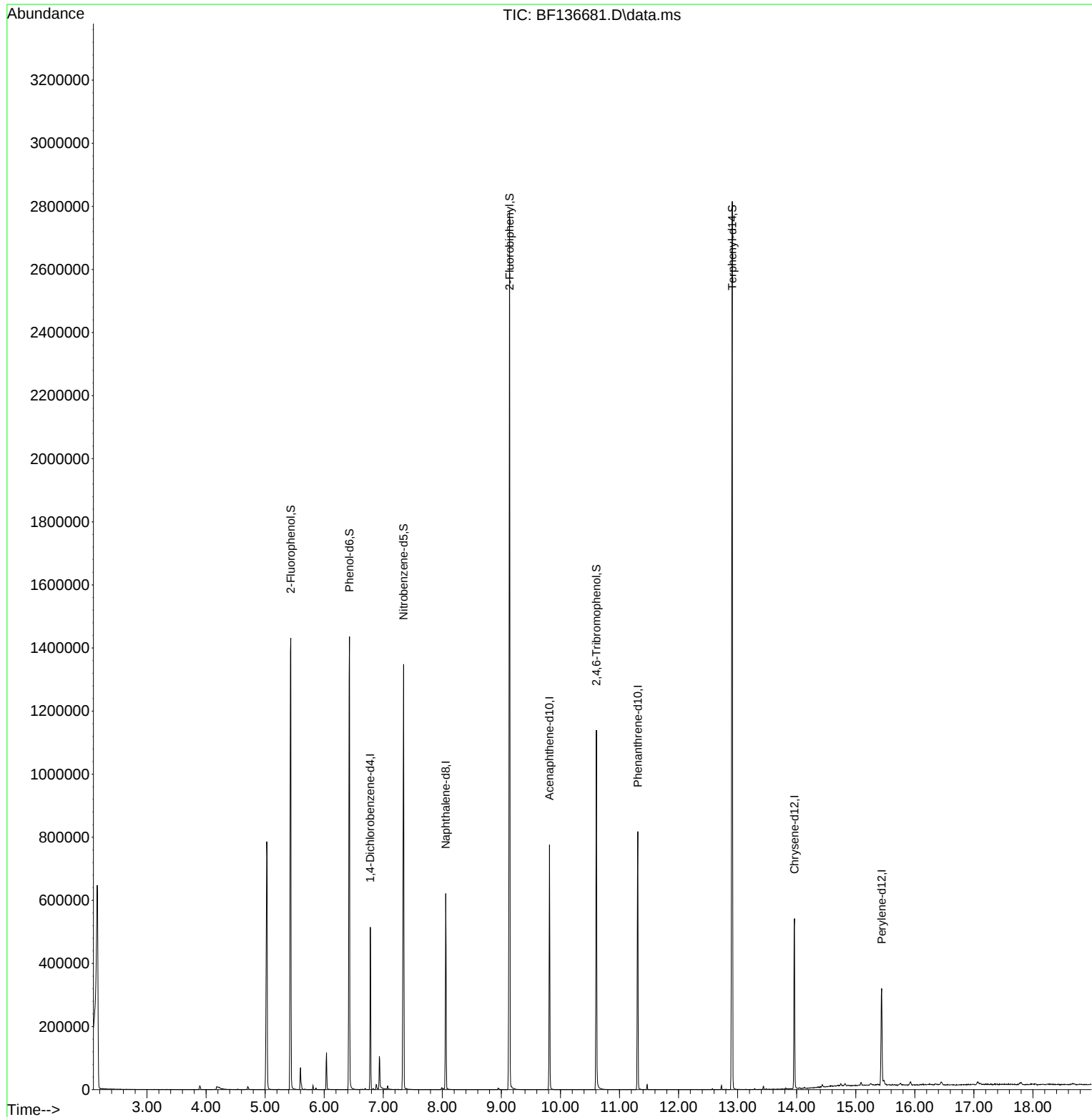
Target Compounds	Qvalue

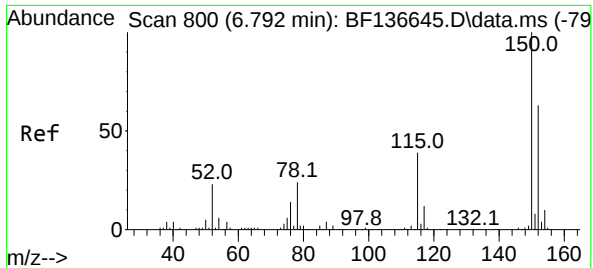
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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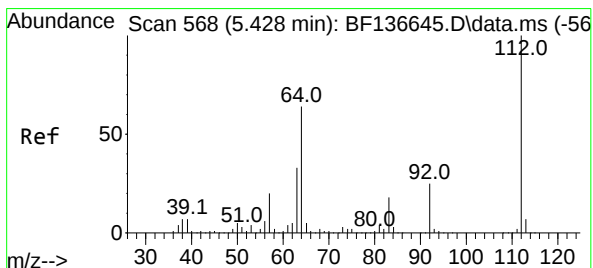
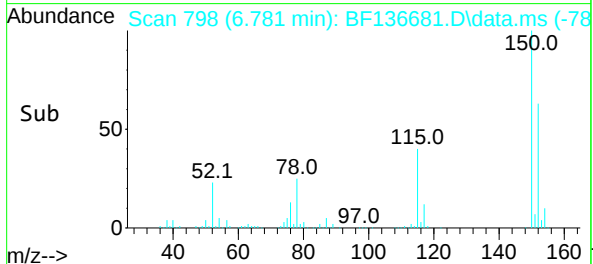
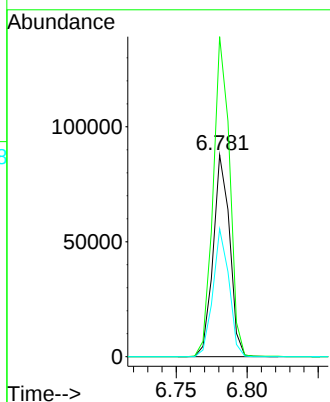
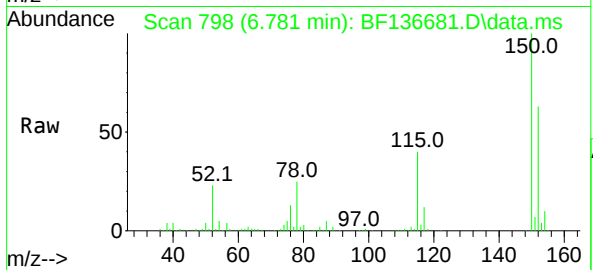




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136681.D
 Acq: 22 Dec 2023 12:22

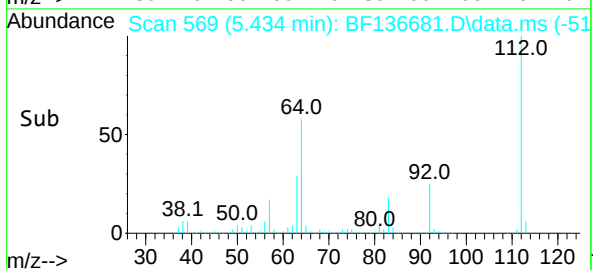
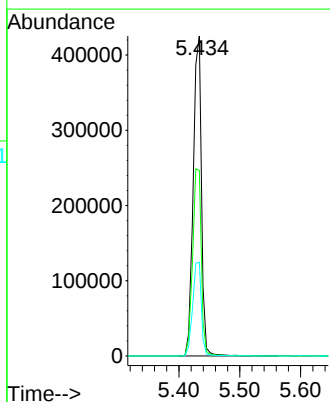
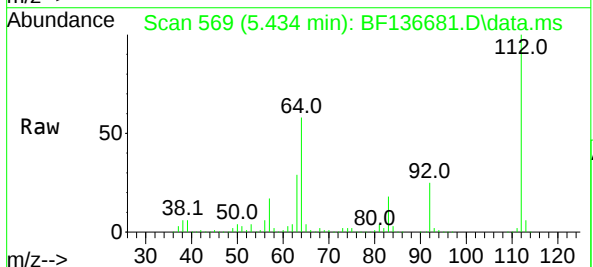
Instrument :
 BNA_F
 ClientSampleId :
 PB157641BL

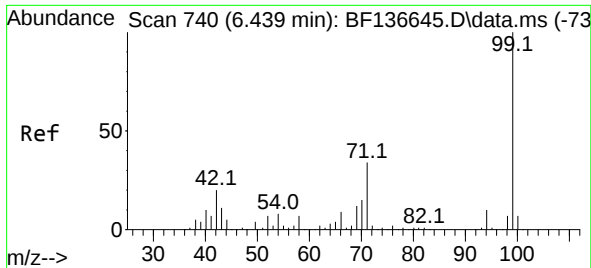
Tgt Ion:152 Resp: 71143
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 63.4 49.0 73.4



#5
 2-Fluorophenol
 Concen: 87.988 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF136681.D
 Acq: 22 Dec 2023 12:22

Tgt Ion:112 Resp: 401193
 Ion Ratio Lower Upper
 112 100
 64 58.0 51.1 76.7
 63 29.3 26.1 39.1

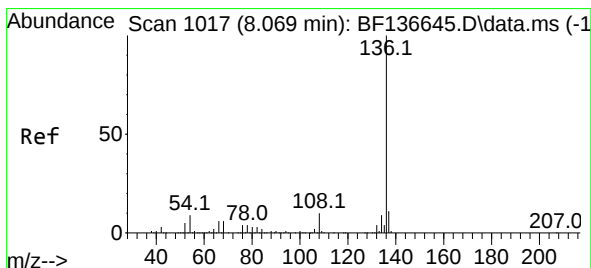
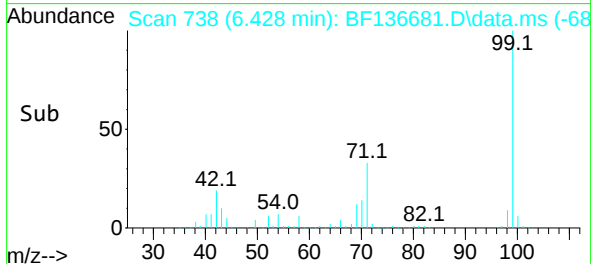
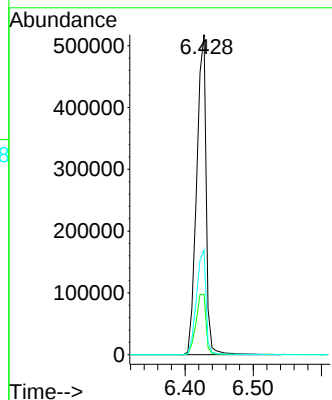
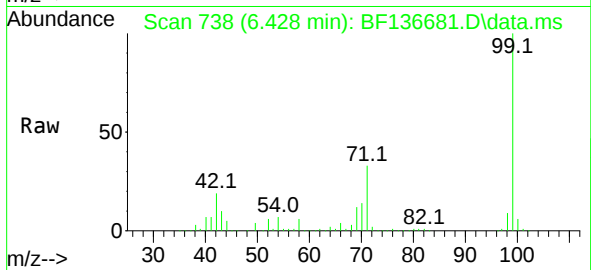




#7
Phenol-d6
Concen: 84.624 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

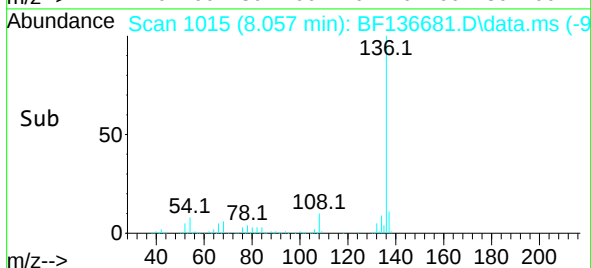
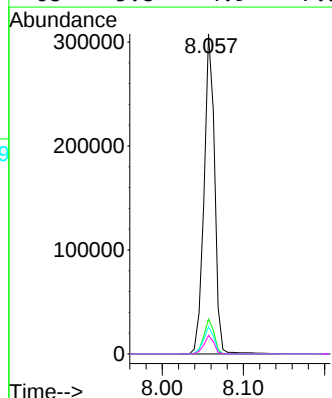
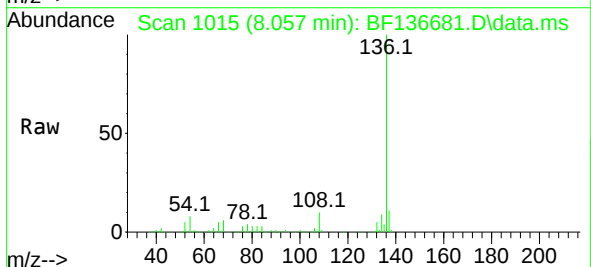
Instrument :
BNA_F
ClientSampleId :
PB157641BL

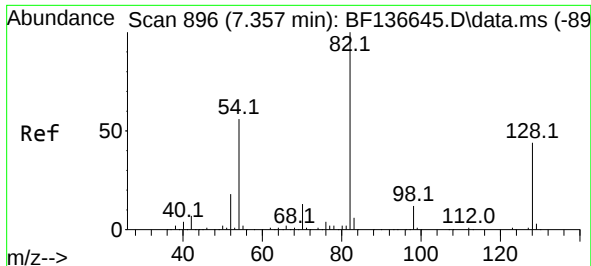
Tgt Ion: 99 Resp: 499974
Ion Ratio Lower Upper
99 100
42 18.9 16.1 24.1
71 32.6 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Tgt Ion: 136 Resp: 278795
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.5 7.2 10.8
68 5.8 4.9 7.3

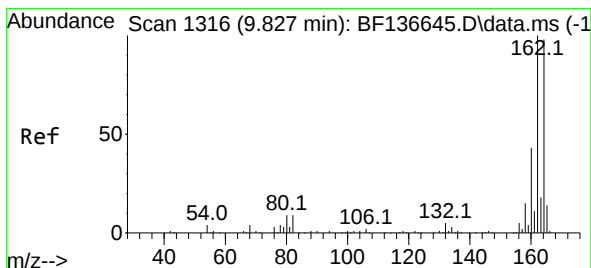
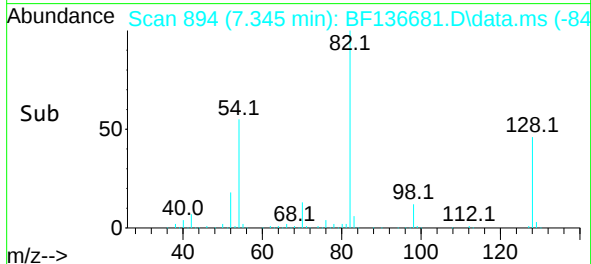
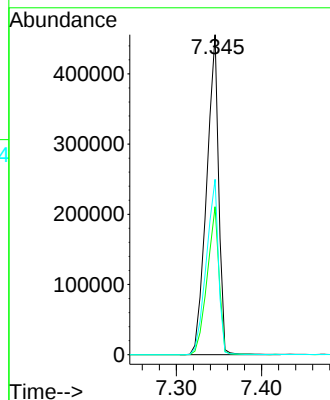
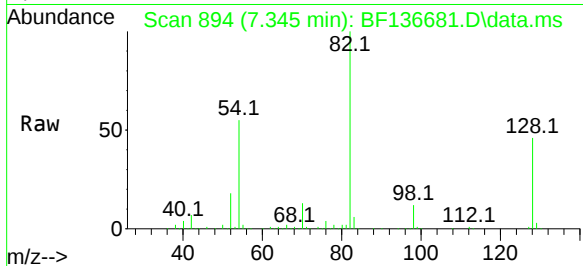




#23
 Nitrobenzene-d5
 Concen: 82.117 ng
 RT: 7.345 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BF136681.D
 Acq: 22 Dec 2023 12:22

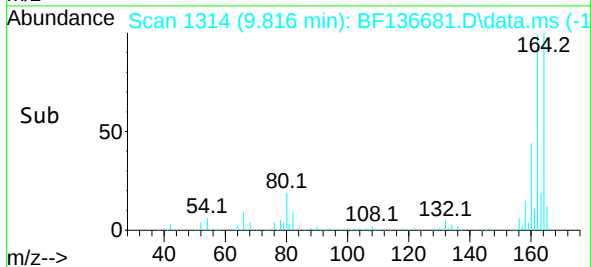
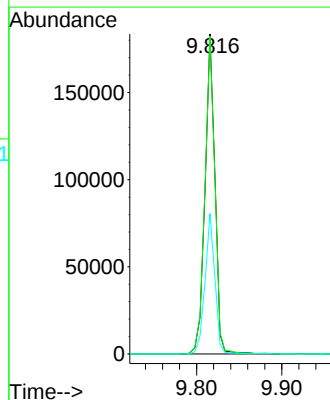
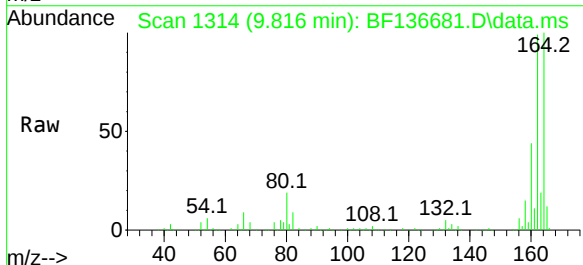
Instrument :
 BNA_F
 ClientSampleId :
 PB157641BL

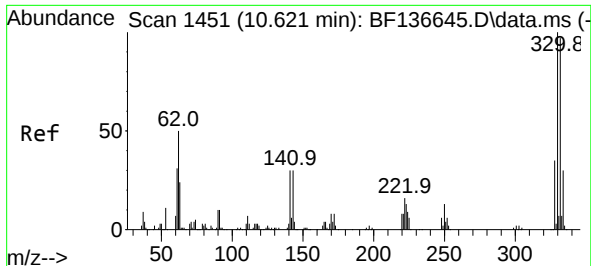
Tgt Ion: 82 Resp: 447397
 Ion Ratio Lower Upper
 82 100
 128 46.2 35.3 52.9
 54 54.8 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136681.D
 Acq: 22 Dec 2023 12:22

Tgt Ion:164 Resp: 148473
 Ion Ratio Lower Upper
 164 100
 162 99.4 81.6 122.4
 160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 80.564 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136681.D

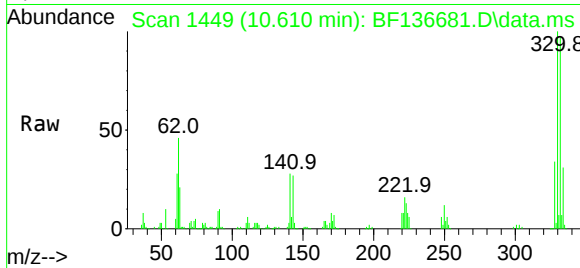
Acq: 22 Dec 2023 12:22

Instrument :

BNA_F

ClientSampleId :

PB157641BL



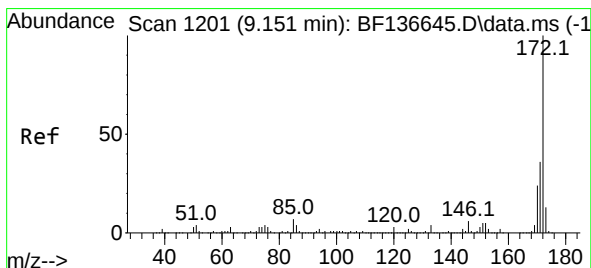
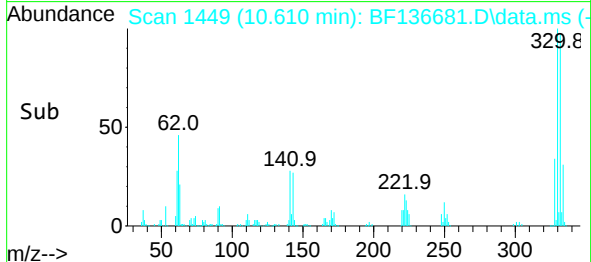
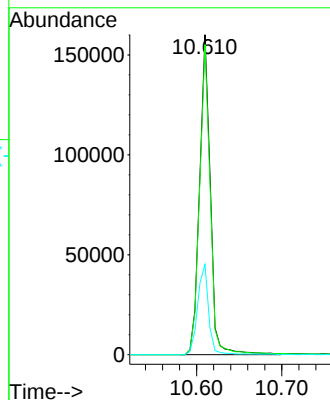
Tgt Ion:330 Resp: 140874

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 81.548 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136681.D

Acq: 22 Dec 2023 12:22

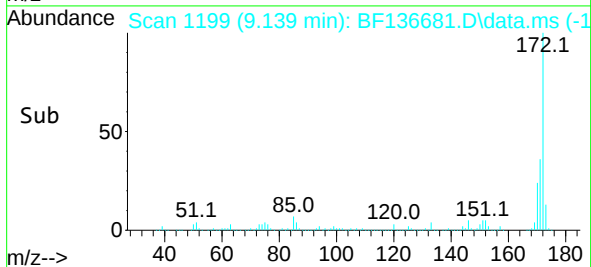
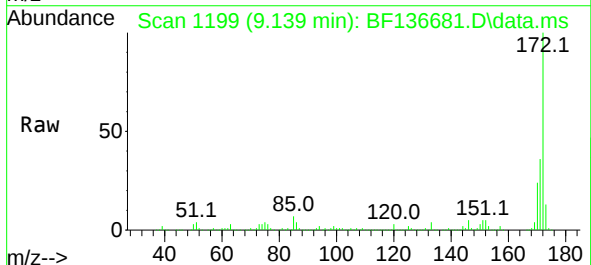
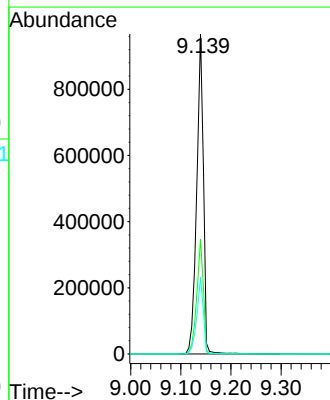
Tgt Ion:172 Resp: 900206

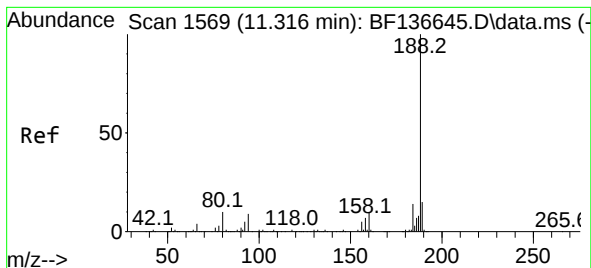
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.9 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: BF136681.D

Acq: 22 Dec 2023 12:22

Instrument :

BNA_F

ClientSampleId :

PB157641BL

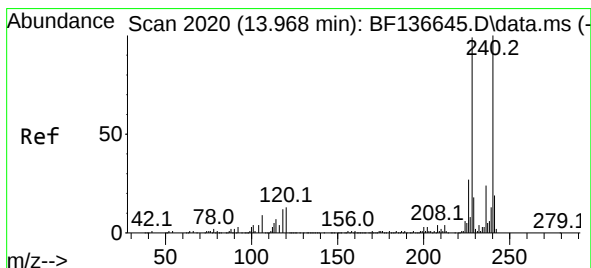
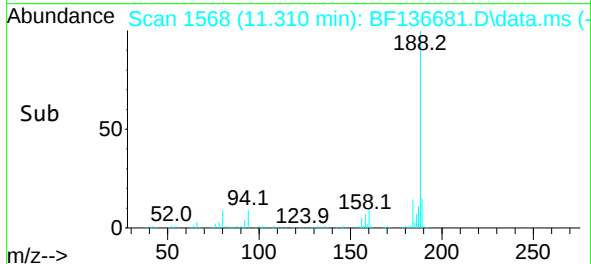
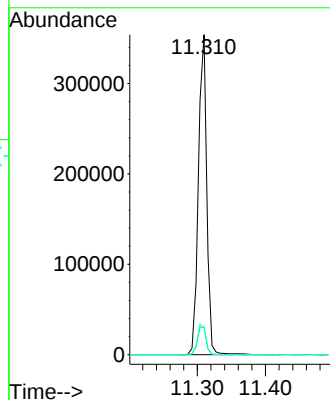
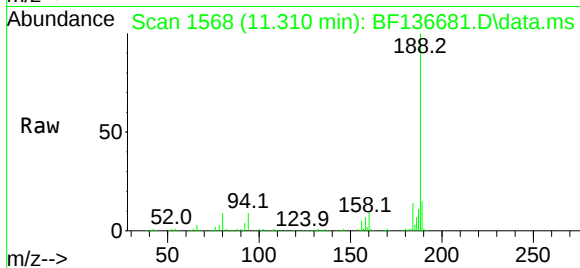
Tgt Ion:188 Resp: 301649

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

80 8.6 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: BF136681.D

Acq: 22 Dec 2023 12:22

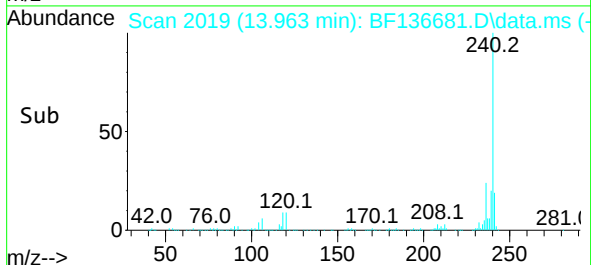
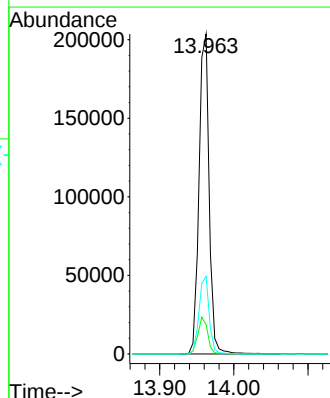
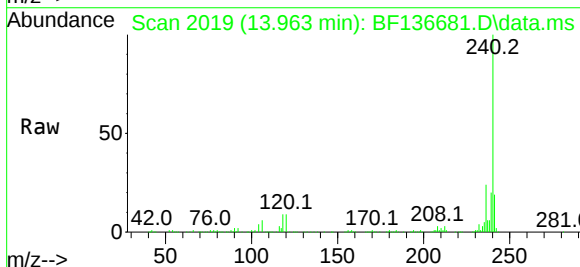
Tgt Ion:240 Resp: 193152

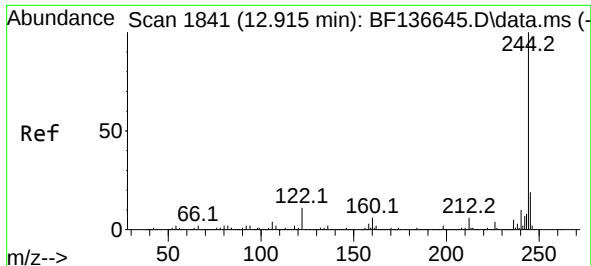
Ion Ratio Lower Upper

240 100

120 9.2 10.3 15.5#

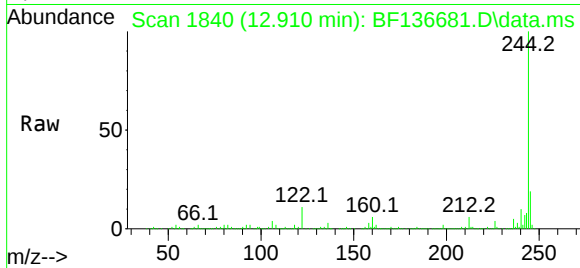
236 24.2 19.4 29.2



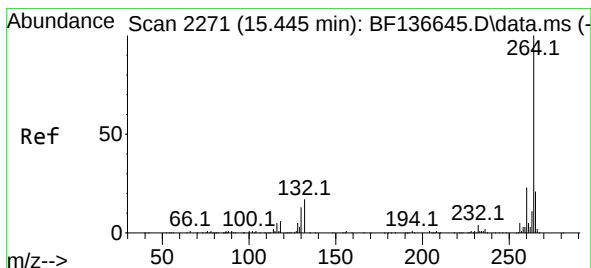
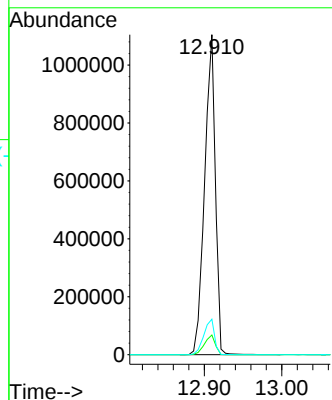
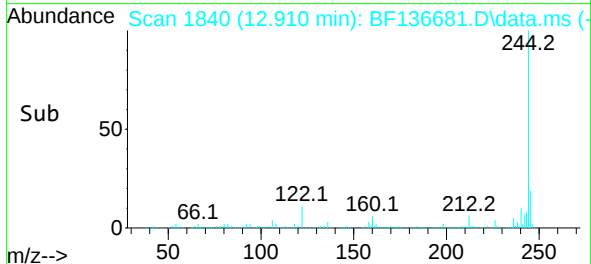


#79
Terphenyl-d14
Concen: 76.798 ng
RT: 12.910 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF136681.D
Acq: 22 Dec 2023 12:22

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1061470
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.1 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: BF136681.D
Acq: 22 Dec 2023 12:22

Tgt Ion:264 Resp: 152424
Ion Ratio Lower Upper
264 100
260 22.6 18.3 27.5
265 20.0 17.0 25.6

