

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136848.D
 Acq On : 30 Dec 2023 01:55
 Operator : CG\JU
 Sample : 06015-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-0-2

Quant Time: Dec 30 03:10:37 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	76313	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	298199	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	150652	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	284346	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	154170	20.000	ng	0.00
86) Perylene-d12	15.445	264	152851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	664938	135.952	ng	0.01
7) Phenol-d6	6.434	99	784810	123.836	ng	0.00
23) Nitrobenzene-d5	7.345	82	548486	94.120	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	253259	142.740	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1080713	96.483	ng	-0.01
79) Terphenyl-d14	12.910	244	1178286	106.805	ng	0.00

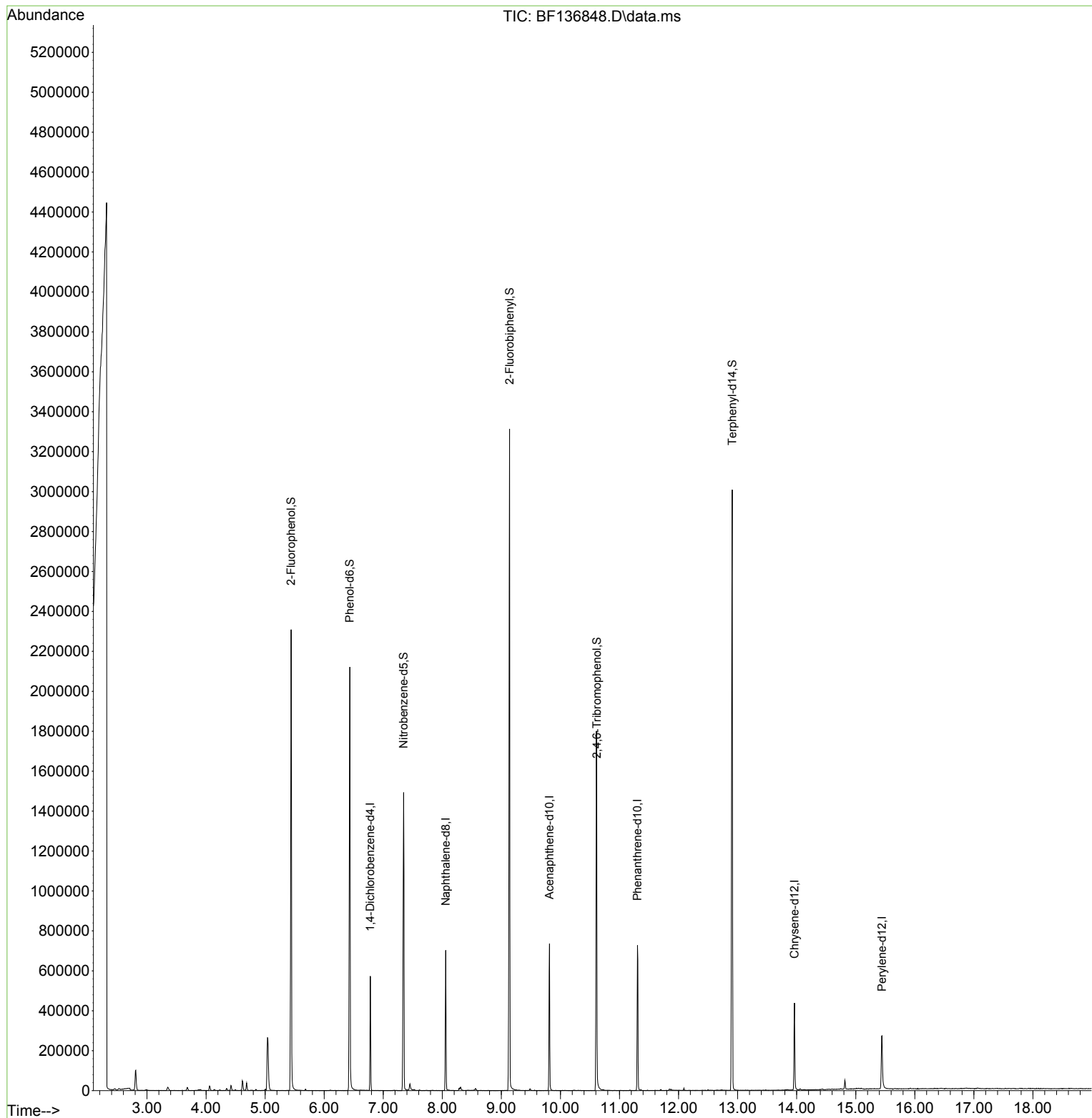
Target Compounds	Qvalue

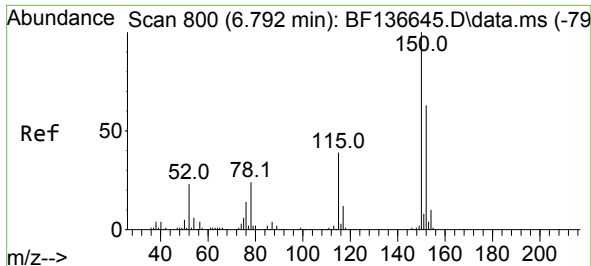
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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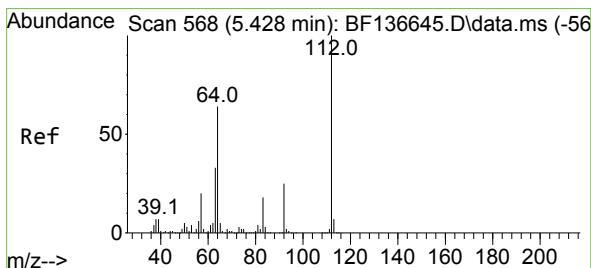
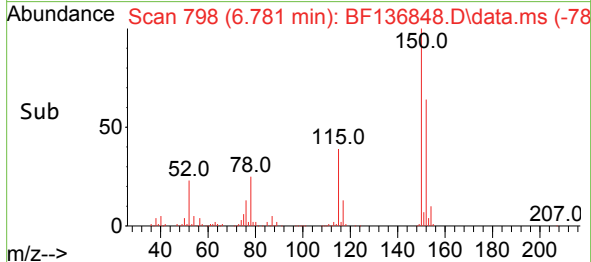
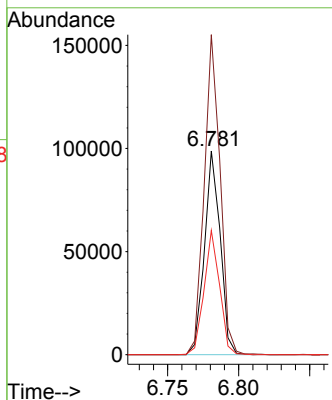
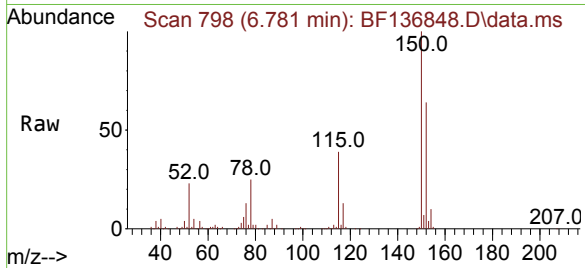




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF136848.D
 Acq: 30 Dec 2023 01:55

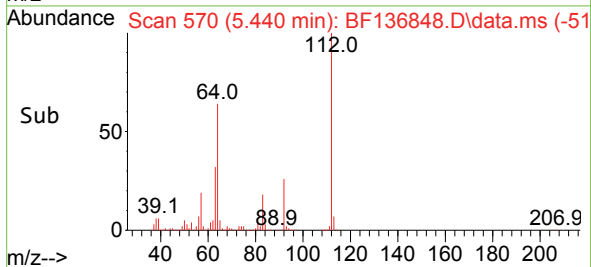
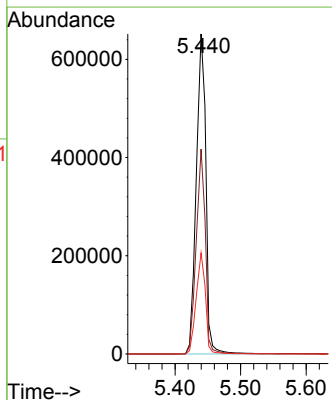
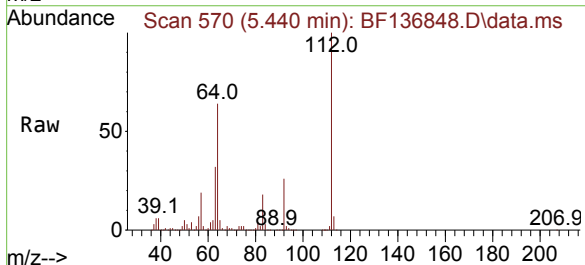
Instrument :
 BNA_F
 ClientSampleId :
 MR-323-0-2

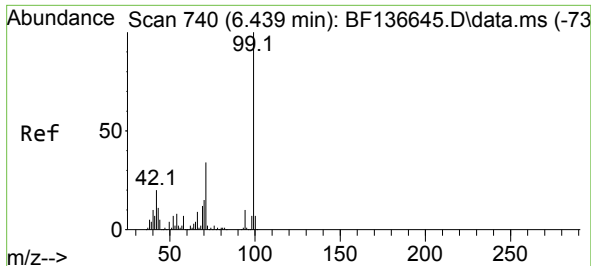
Tgt Ion:152 Resp: 76313
 Ion Ratio Lower Upper
 152 100
 150 157.1 127.0 190.6
 115 61.0 49.0 73.4



#5
 2-Fluorophenol
 Concen: 135.952 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF136848.D
 Acq: 30 Dec 2023 01:55

Tgt Ion:112 Resp: 664938
 Ion Ratio Lower Upper
 112 100
 64 64.0 51.1 76.7
 63 31.6 26.1 39.1

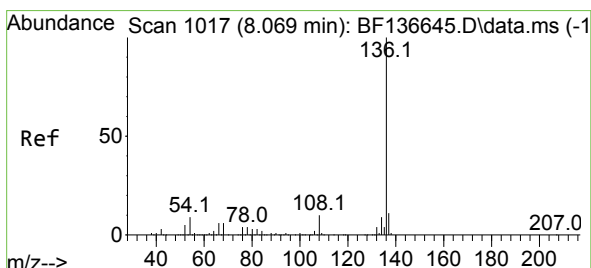
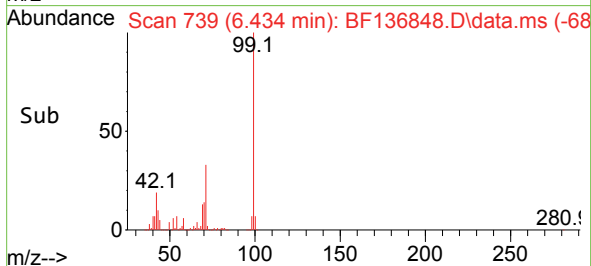
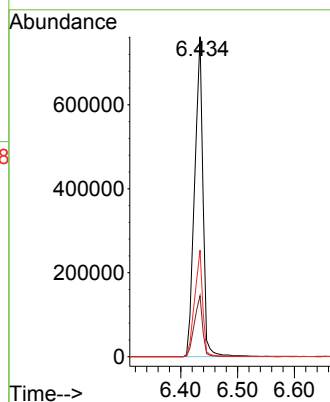
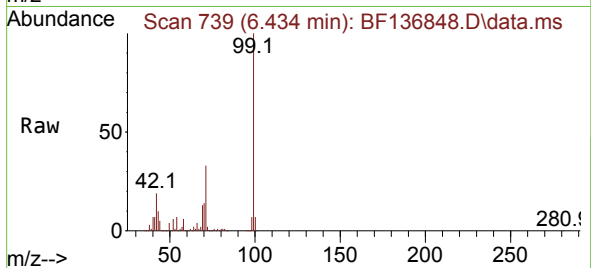




#7
Phenol-d6
Concen: 123.836 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

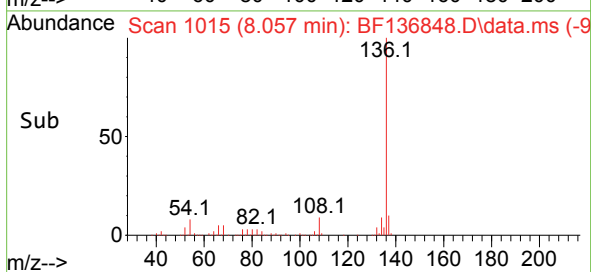
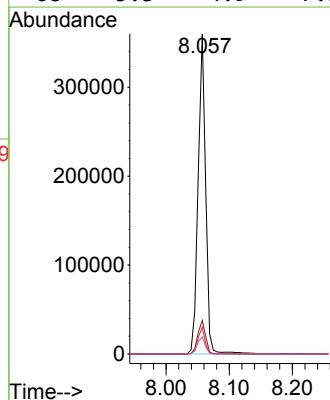
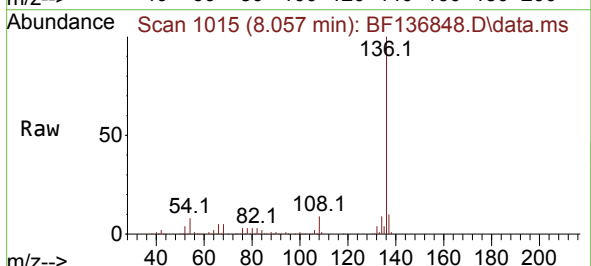
Instrument :
BNA_F
ClientSampleId :
MR-323-0-2

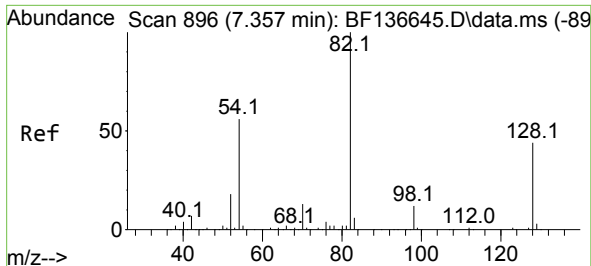
Tgt Ion: 99 Resp: 784810
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 33.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion: 136 Resp: 298199
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.3 7.2 10.8
68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 94.120 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136848.D

Acq: 30 Dec 2023 01:55

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

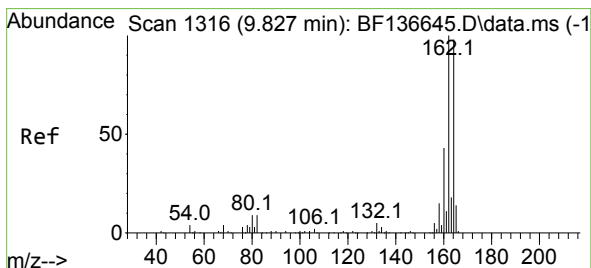
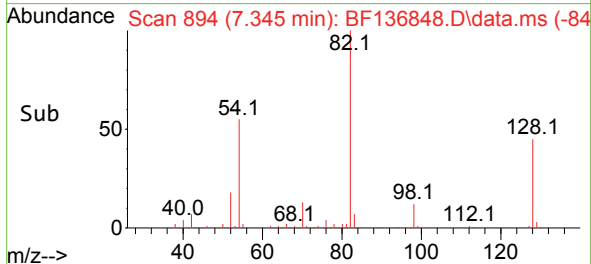
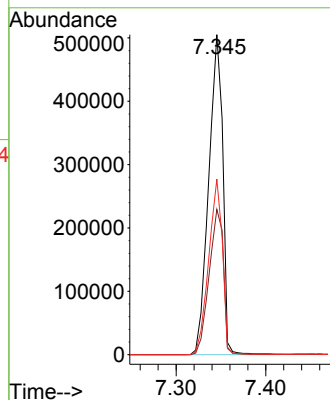
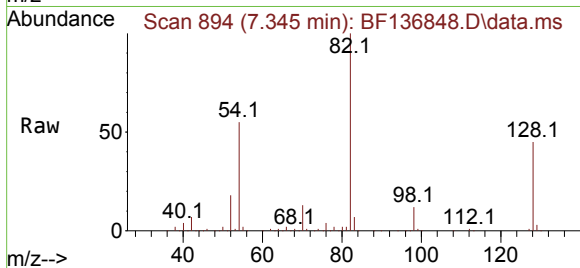
Tgt Ion: 82 Resp: 548486

Ion Ratio Lower Upper

82 100

128 45.4 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: BF136848.D

Acq: 30 Dec 2023 01:55

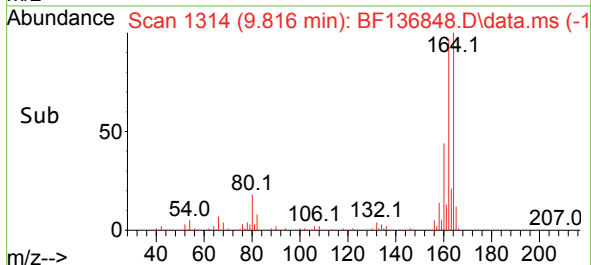
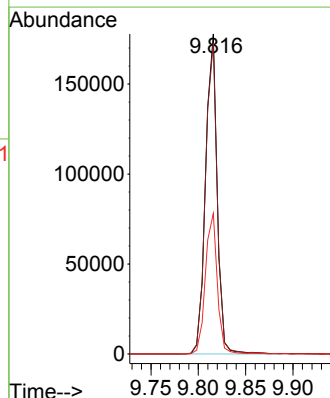
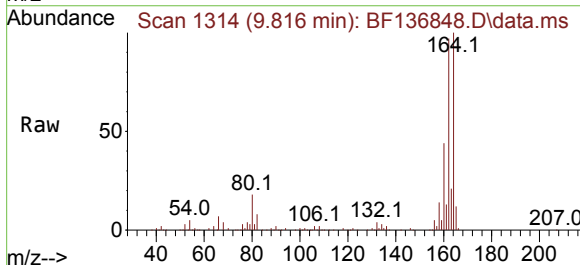
Tgt Ion:164 Resp: 150652

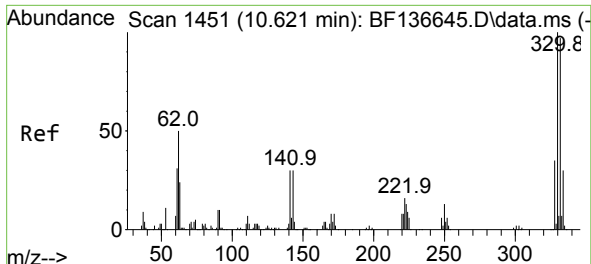
Ion Ratio Lower Upper

164 100

162 97.2 81.6 122.4

160 43.9 34.9 52.3

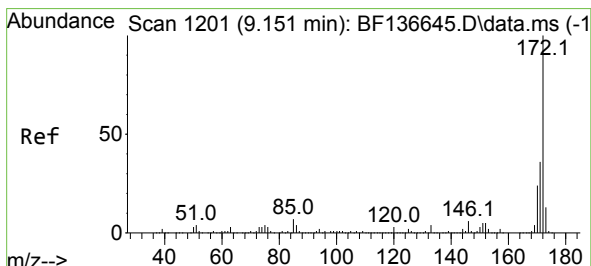
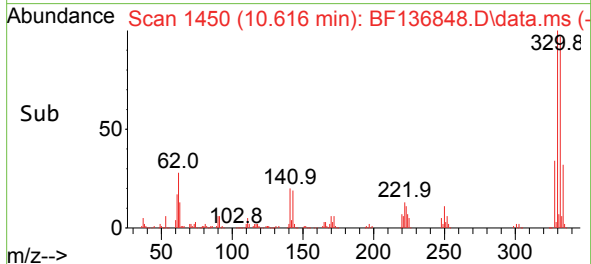
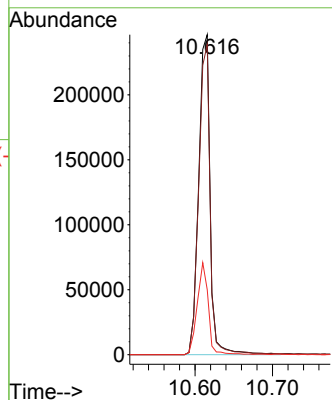
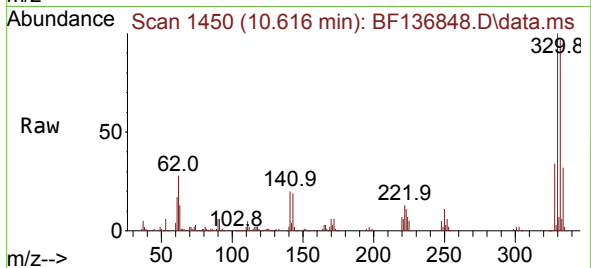




#42
2,4,6-Tribromophenol
Concen: 142.740 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

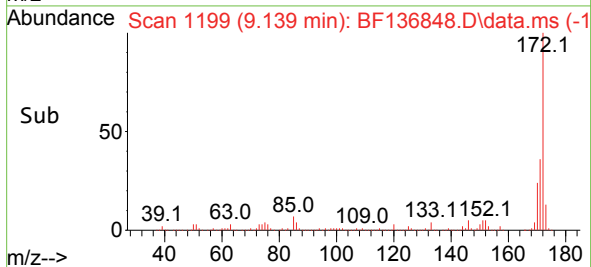
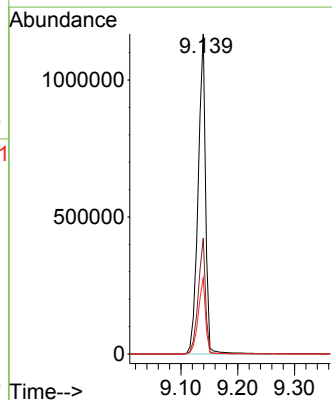
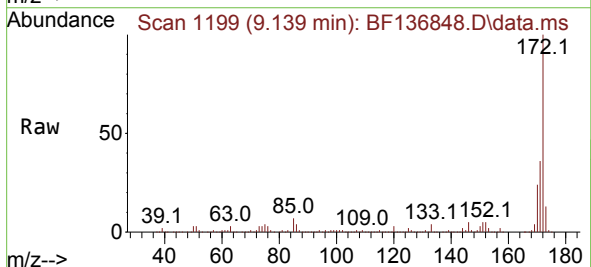
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MR-323-0-2

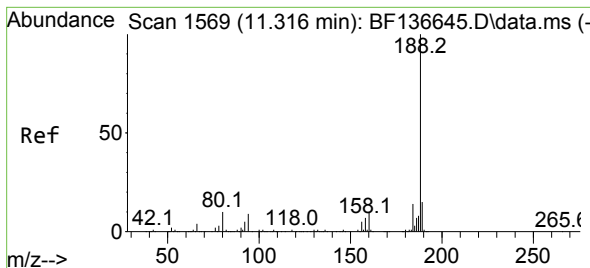
Tgt Ion: 330 Resp: 253259
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 96.483 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136848.D
Acq: 30 Dec 2023 01:55

Tgt Ion: 172 Resp: 1080713
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.7 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136848.D

Acq: 30 Dec 2023 01:55

Instrument :

BNA_F

ClientSampleId :

MR-323-0-2

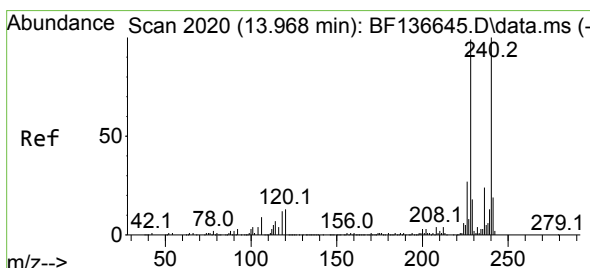
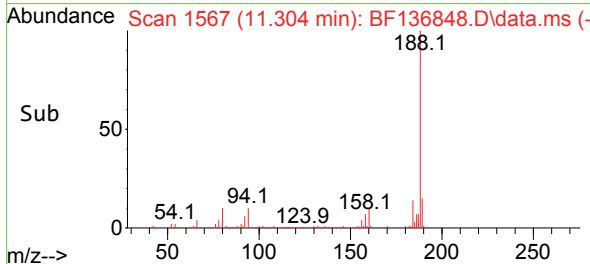
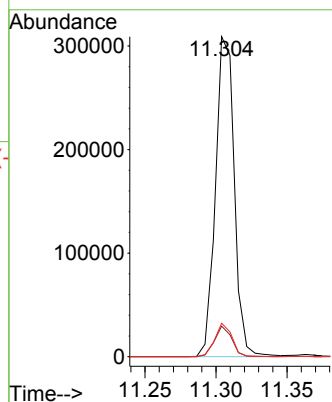
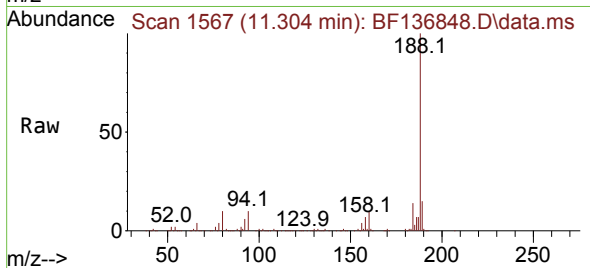
Tgt Ion:188 Resp: 284346

Ion Ratio Lower Upper

188 100

94 9.6 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: BF136848.D

Acq: 30 Dec 2023 01:55

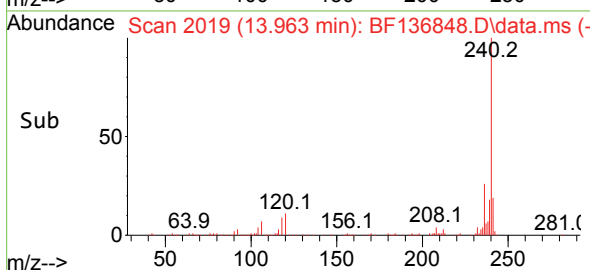
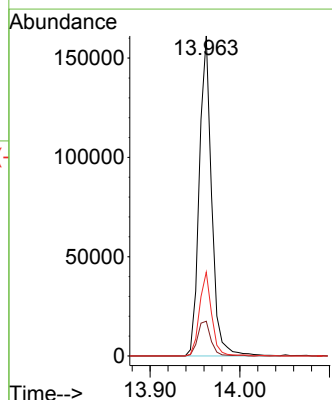
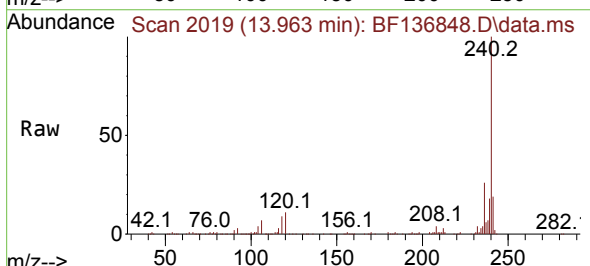
Tgt Ion:240 Resp: 154170

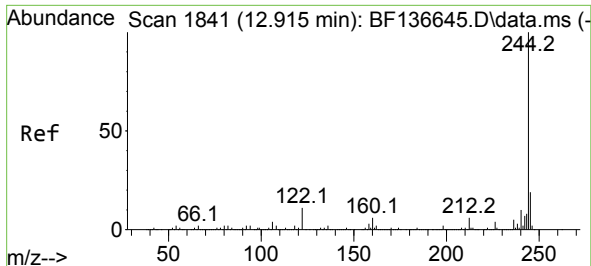
Ion Ratio Lower Upper

240 100

120 10.9 10.3 15.5

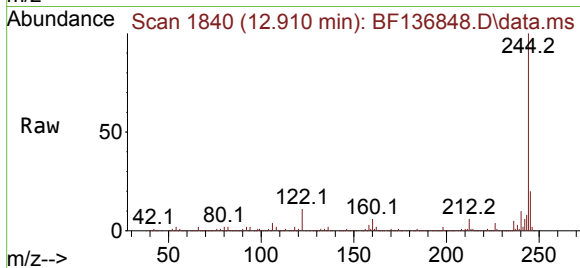
236 26.2 19.4 29.2



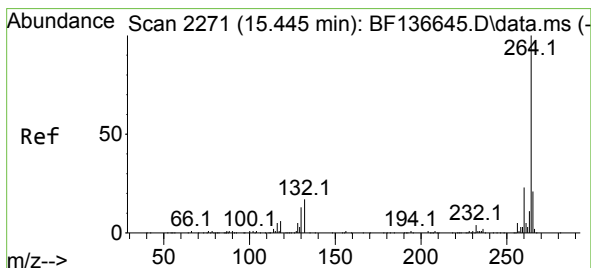
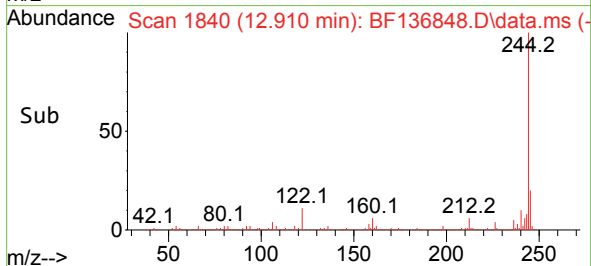
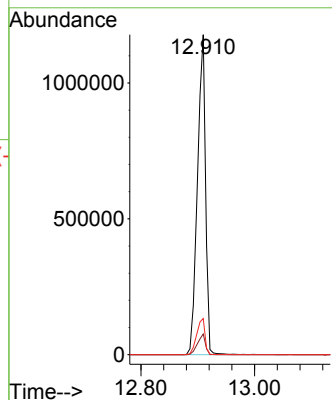


#79
 Terphenyl-d14
 Concen: 106.805 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136848.D
 Acq: 30 Dec 2023 01:55

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1178286
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.3 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: BF136848.D
 Acq: 30 Dec 2023 01:55

Tgt Ion:264 Resp: 152851
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.3 27.5
 265 20.3 17.0 25.6

