

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136849.D
 Acq On : 30 Dec 2023 02:29
 Operator : CG\JU
 Sample : 06015-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-6-8

Quant Time: Dec 30 03:11:00 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	75472	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	284122	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	147555	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	270169	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	146496	20.000	ng	0.00
86) Perylene-d12	15.445	264	149738	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	546259	112.932	ng	0.00
7) Phenol-d6	6.434	99	633490	101.073	ng	0.00
23) Nitrobenzene-d5	7.345	82	464831	83.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	208370	119.905	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	928760	84.658	ng	-0.01
79) Terphenyl-d14	12.904	244	952641	90.875	ng	-0.01

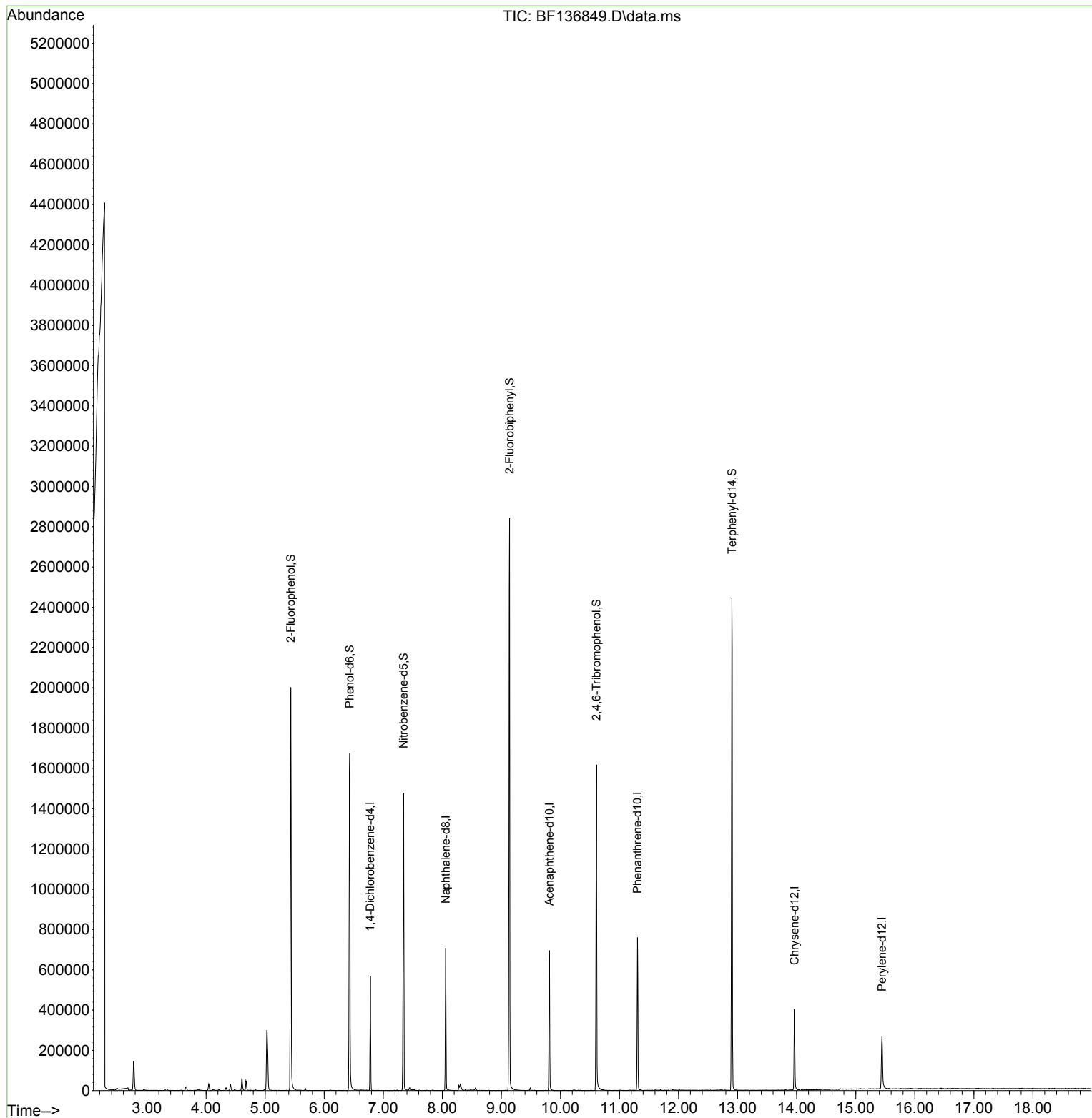
Target Compounds	Qvalue

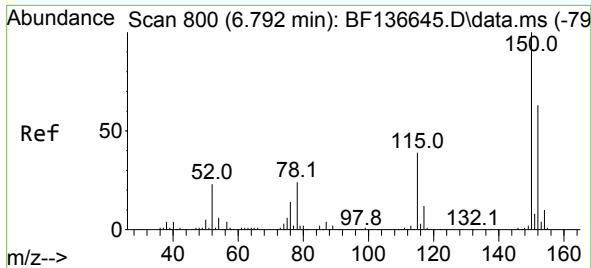
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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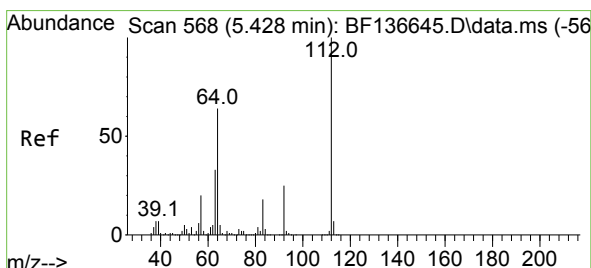
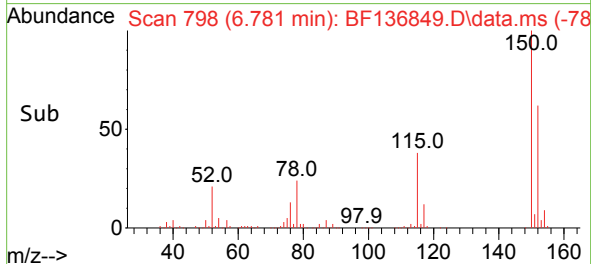
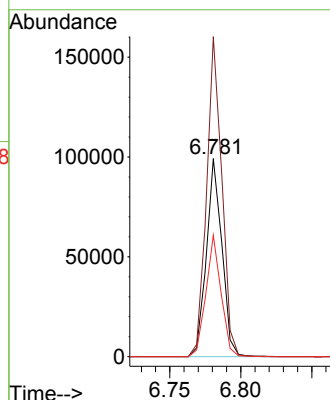
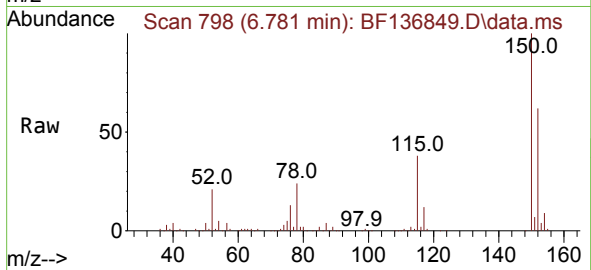




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

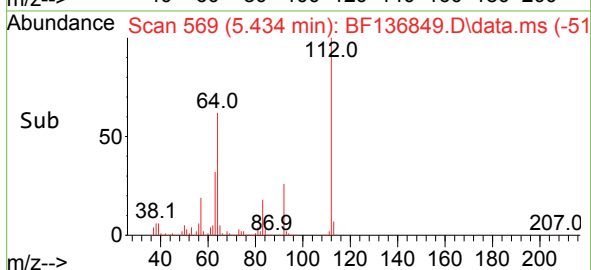
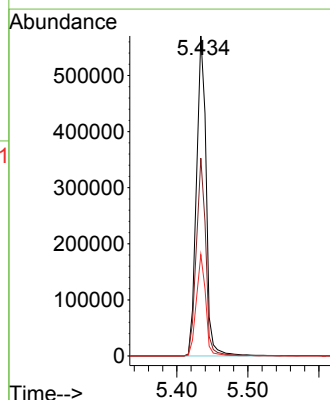
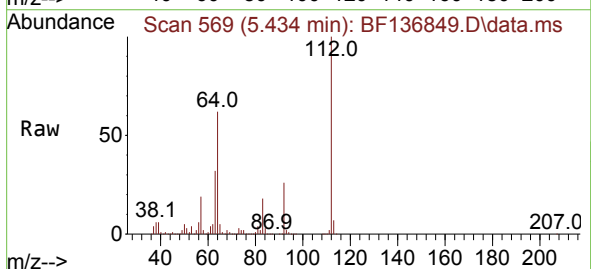
Instrument :
BNA_F
ClientSampleId :
MR-323-6-8

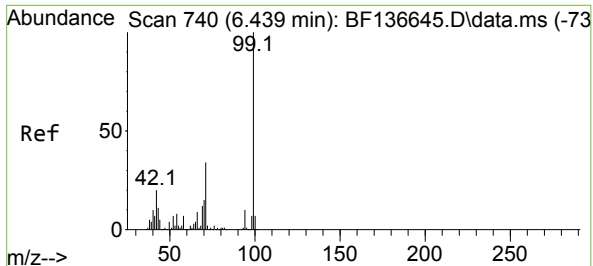
Tgt Ion:152 Resp: 75472
Ion Ratio Lower Upper
152 100
150 161.6 127.0 190.6
115 61.3 49.0 73.4



#5
2-Fluorophenol
Concen: 112.932 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion:112 Resp: 546259
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 31.7 26.1 39.1





#7

Phenol-d6

Concen: 101.073 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

Instrument :

BNA_F

ClientSampleId :

MR-323-6-8

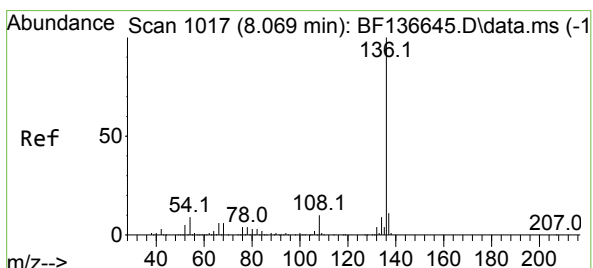
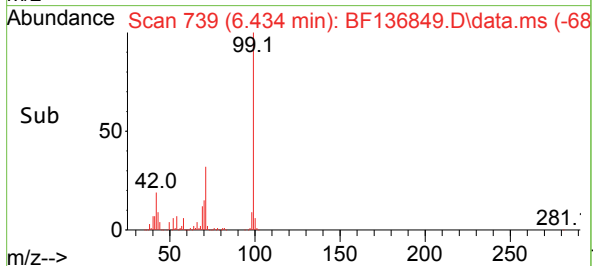
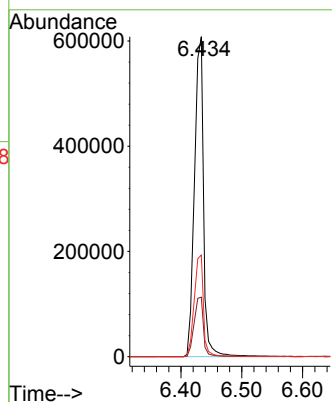
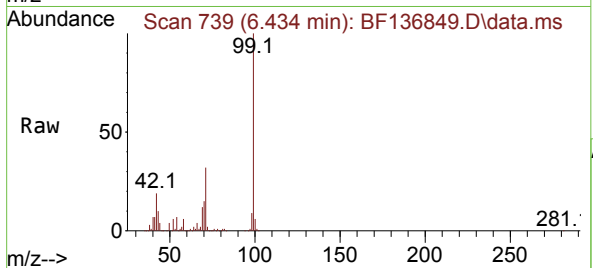
Tgt Ion: 99 Resp: 633490

Ion Ratio Lower Upper

99 100

42 18.6 16.1 24.1

71 31.8 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: BF136849.D

Acq: 30 Dec 2023 02:29

Tgt Ion: 136 Resp: 284122

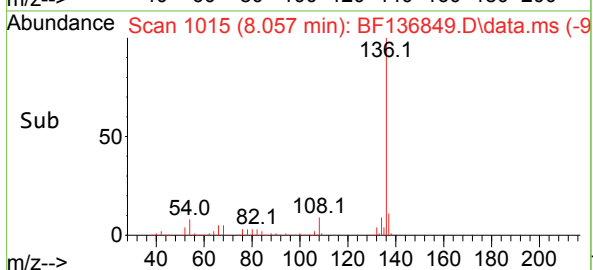
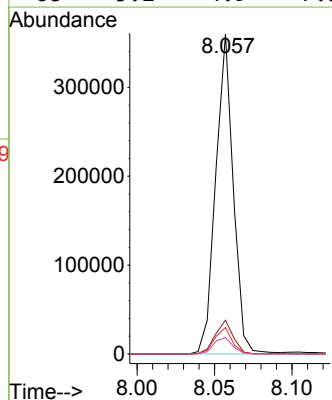
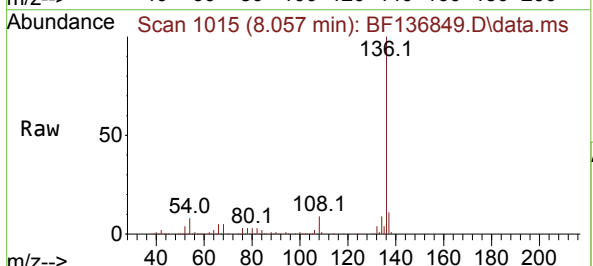
Ion Ratio Lower Upper

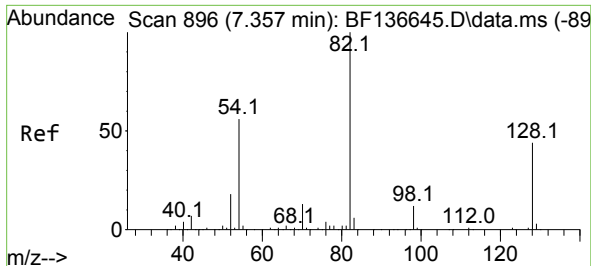
136 100

137 10.5 9.0 13.4

54 8.2 7.2 10.8

68 5.2 4.9 7.3

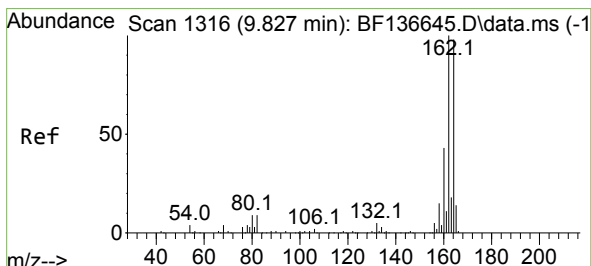
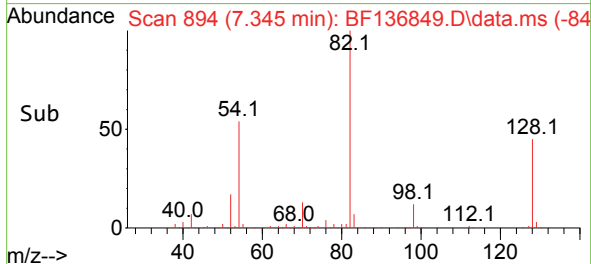
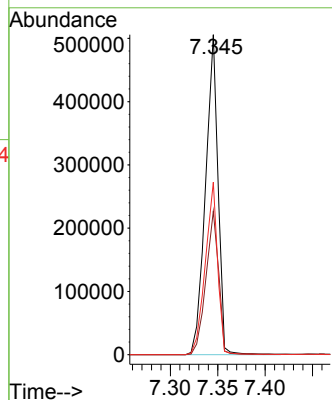
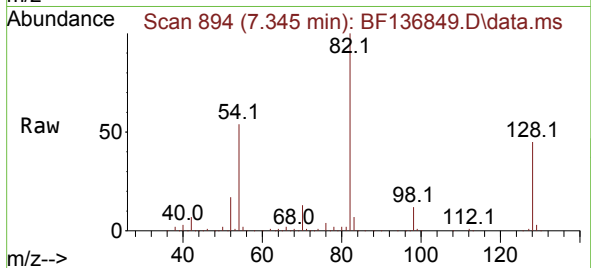




#23
Nitrobenzene-d5
Concen: 83.717 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

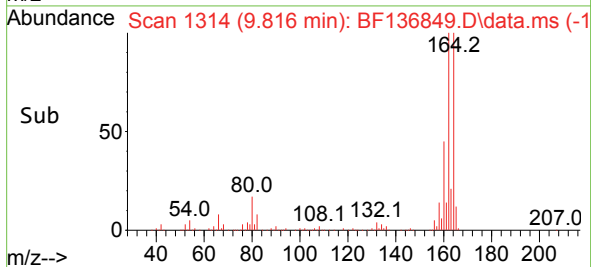
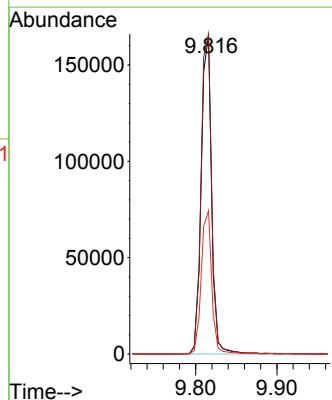
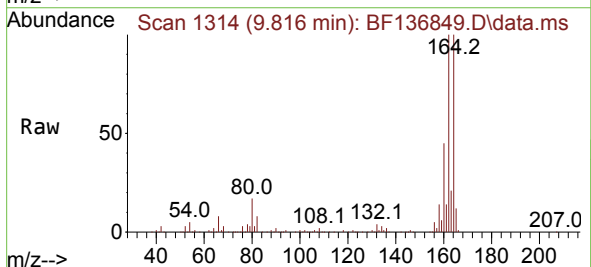
Instrument :
BNA_F
ClientSampleId :
MR-323-6-8

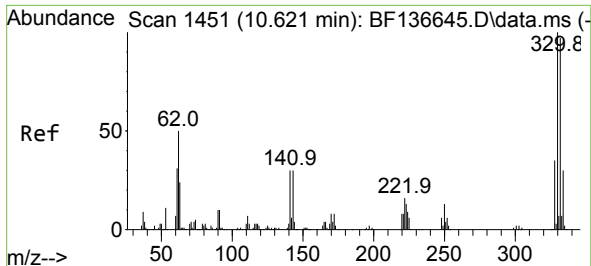
Tgt Ion: 82 Resp: 464831
Ion Ratio Lower Upper
82 100
128 44.8 35.3 52.9
54 53.9 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136849.D
Acq: 30 Dec 2023 02:29

Tgt Ion:164 Resp: 147555
Ion Ratio Lower Upper
164 100
162 100.3 81.6 122.4
160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 119.905 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136849.D

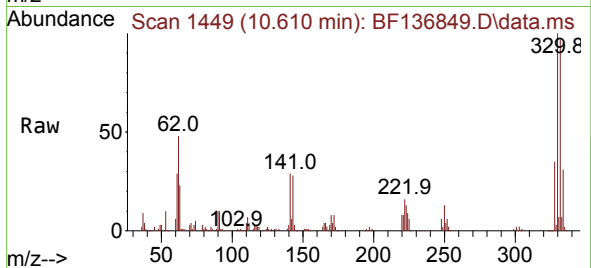
Acq: 30 Dec 2023 02:29

Instrument :

BNA_F

ClientSampleId :

MR-323-6-8



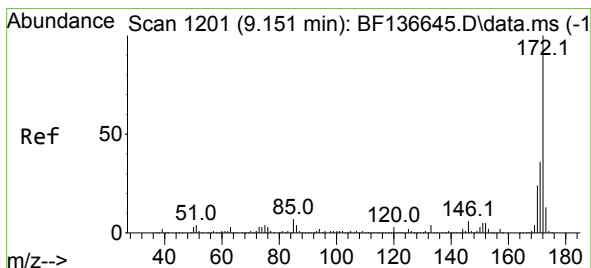
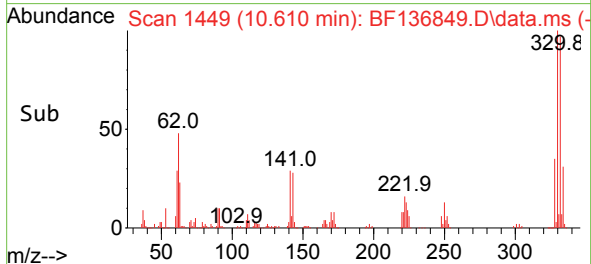
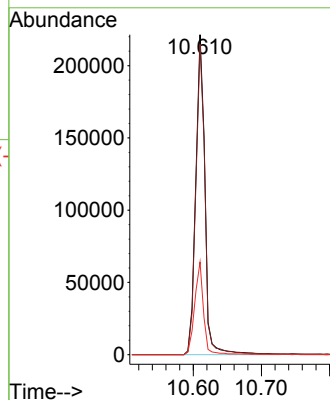
Tgt Ion: 330 Resp: 208370

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 28.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 84.658 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136849.D

Acq: 30 Dec 2023 02:29

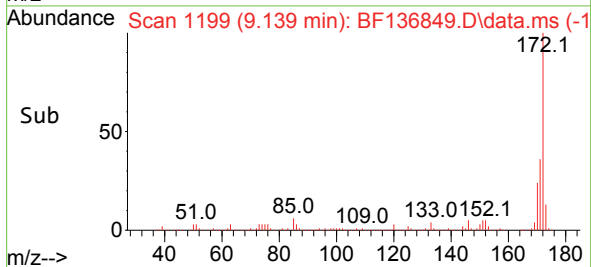
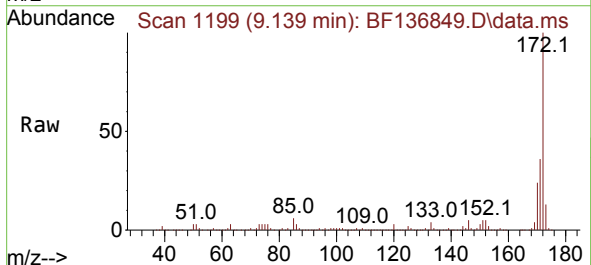
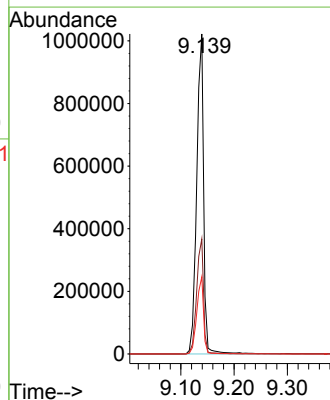
Tgt Ion: 172 Resp: 928760

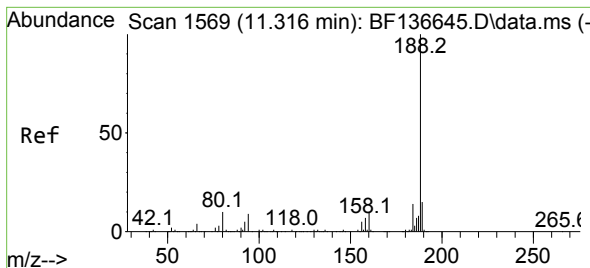
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 24.1 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: BF136849.D

Acq: 30 Dec 2023 02:29

Instrument :

BNA_F

ClientSampleId :

MR-323-6-8

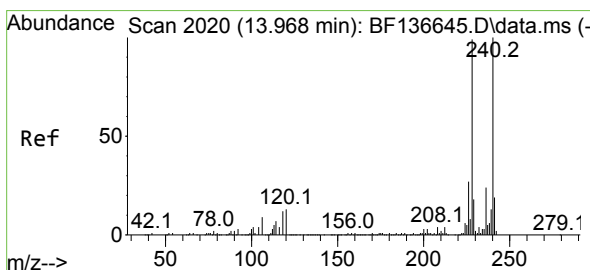
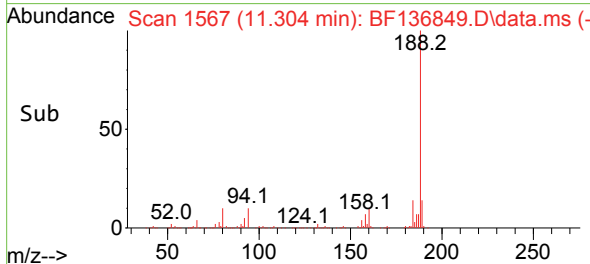
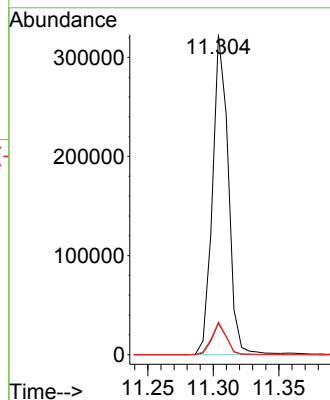
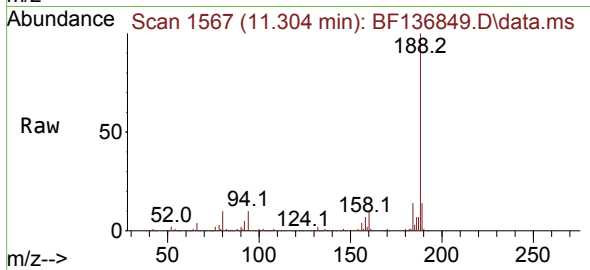
Tgt Ion:188 Resp: 270169

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 10.2 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: BF136849.D

Acq: 30 Dec 2023 02:29

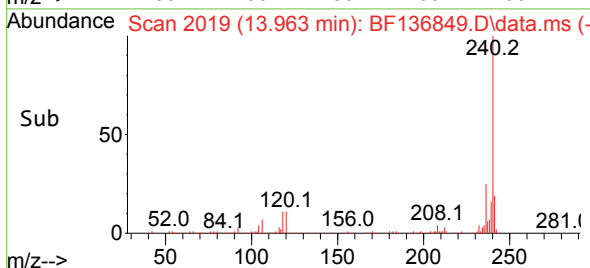
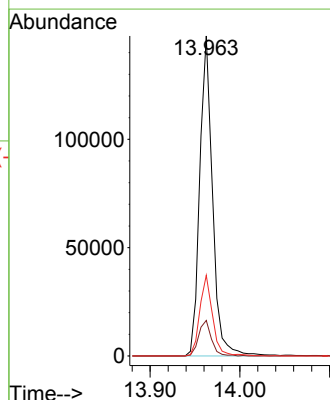
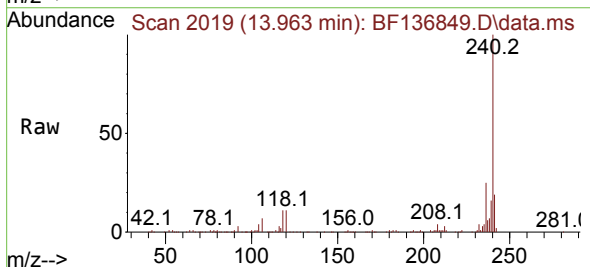
Tgt Ion:240 Resp: 146496

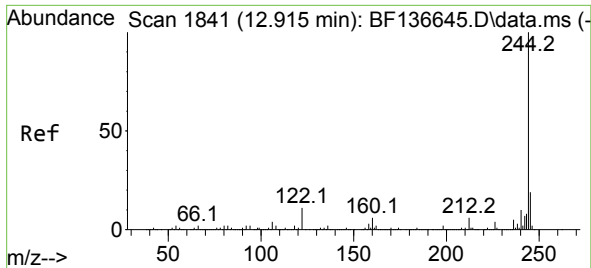
Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

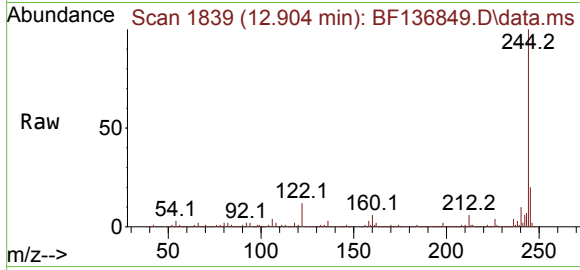
236 25.2 19.4 29.2



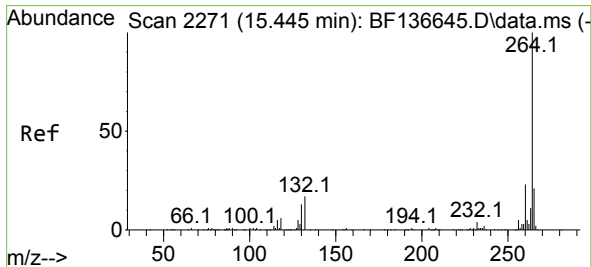
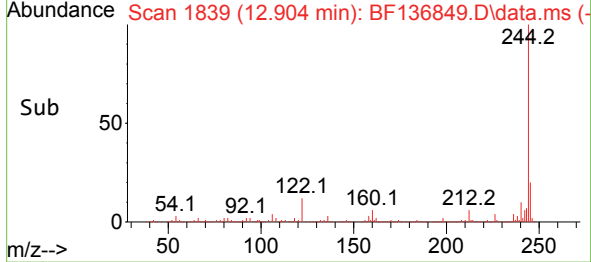
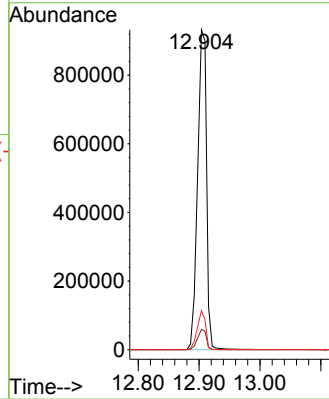


#79
 Terphenyl-d14
 Concen: 90.875 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136849.D
 Acq: 30 Dec 2023 02:29

Instrument :
 BNA_F
 ClientSampleId :
 MR-323-6-8



Tgt Ion:244 Resp: 952641
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 12.3 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: BF136849.D
 Acq: 30 Dec 2023 02:29

Tgt Ion:264 Resp: 149738
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.3 27.5
 265 24.0 17.0 25.6

