

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136851.D
 Acq On : 30 Dec 2023 03:37
 Operator : CG\JU
 Sample : 06016-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-4-6

Quant Time: Dec 30 05:22:19 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	75816	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	295313	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	149628	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	273969	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	152714	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	152527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	509262	104.806	ng	0.00
7) Phenol-d6	6.428	99	589169	93.575	ng	-0.01
23) Nitrobenzene-d5	7.345	82	429157	74.363	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	181506	102.999	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	850621	76.461	ng	-0.01
79) Terphenyl-d14	12.904	244	854509	78.195	ng	-0.01

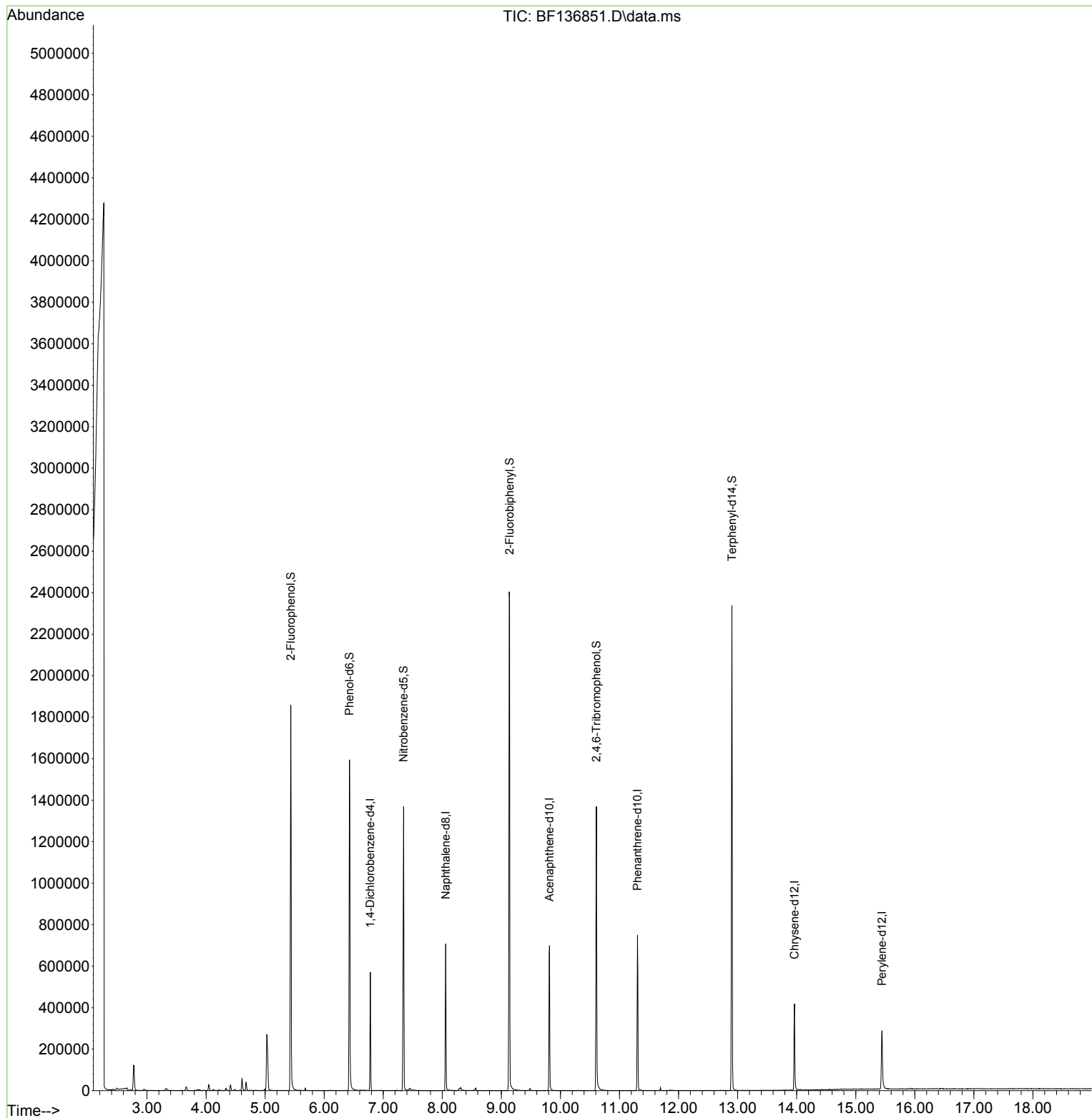
Target Compounds	Qvalue

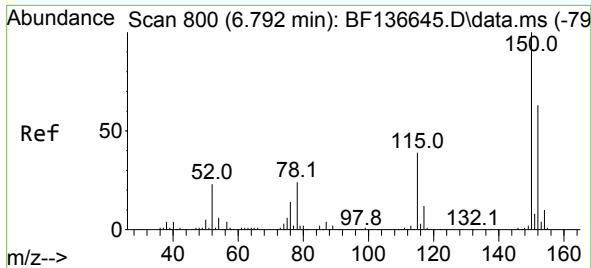
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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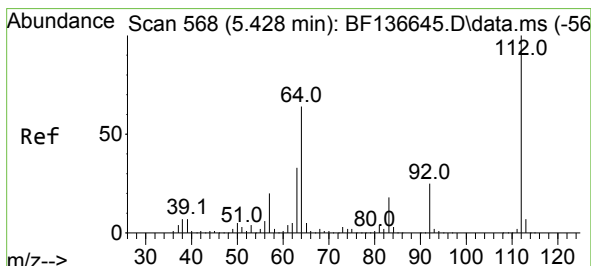
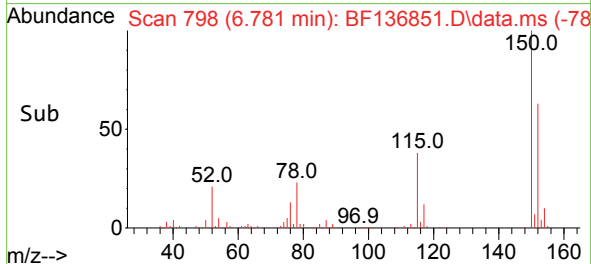
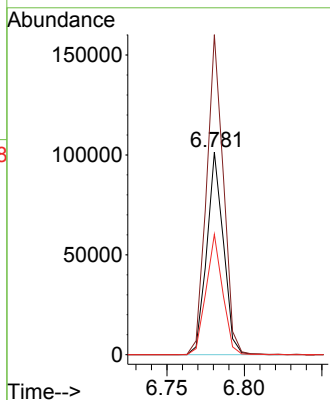
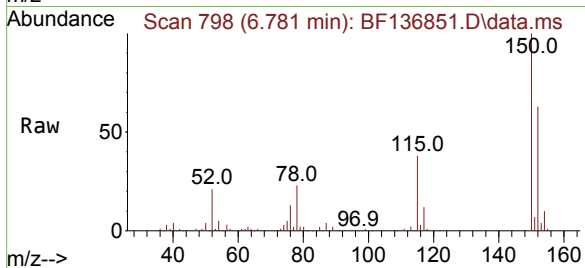




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

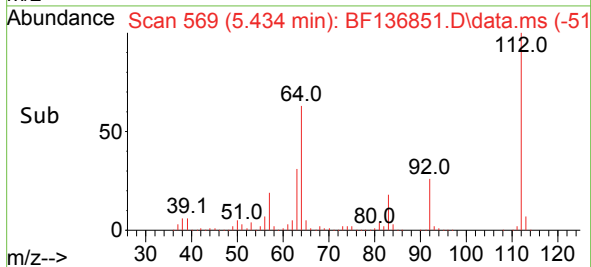
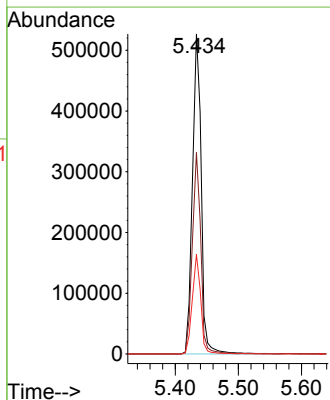
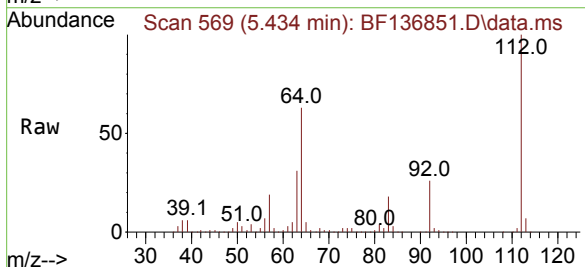
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

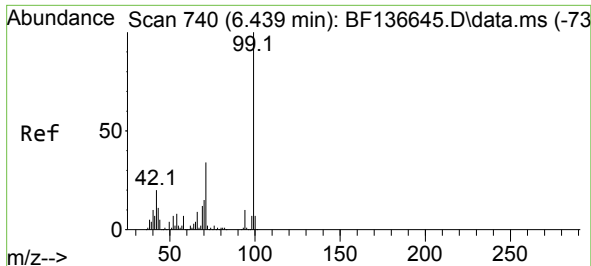
Tgt Ion:152 Resp: 75816
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 59.4 49.0 73.4



#5
2-Fluorophenol
Concen: 104.806 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136851.D
Acq: 30 Dec 2023 03:37

Tgt Ion:112 Resp: 509262
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 31.1 26.1 39.1





#7

Phenol-d6

Concen: 93.575 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

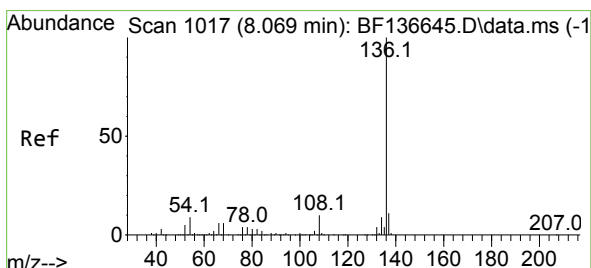
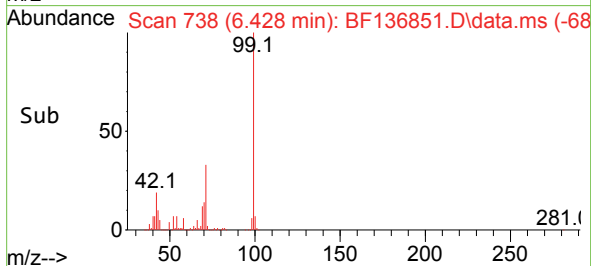
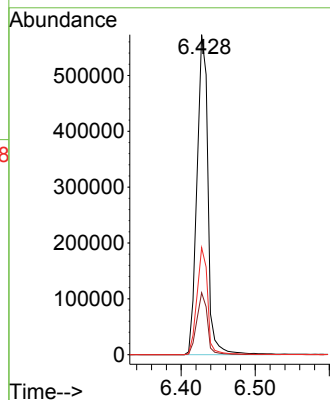
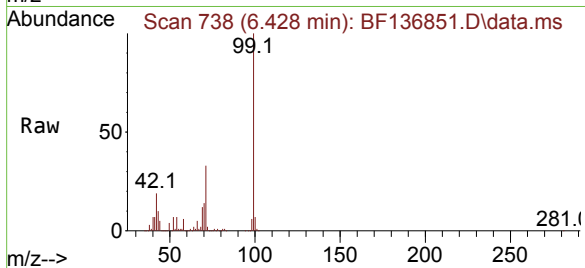
Tgt Ion: 99 Resp: 589169

Ion Ratio Lower Upper

99 100

42 19.3 16.1 24.1

71 33.5 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: BF136851.D

Acq: 30 Dec 2023 03:37

Tgt Ion: 136 Resp: 295313

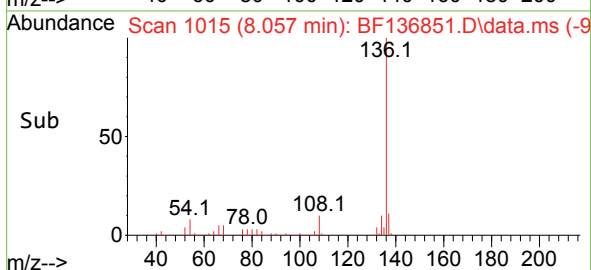
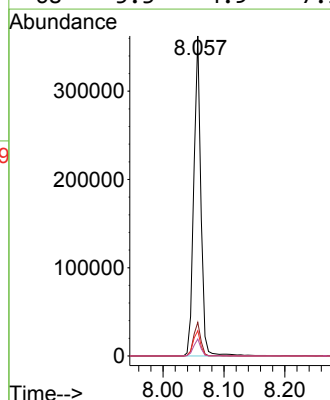
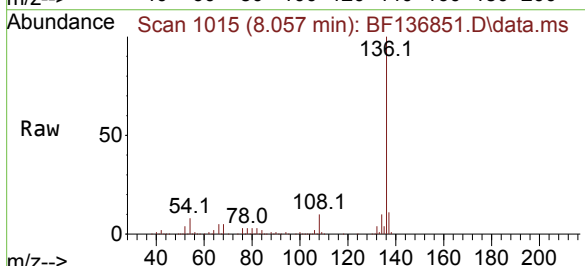
Ion Ratio Lower Upper

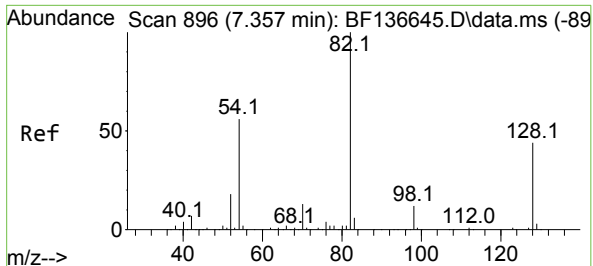
136 100

137 10.5 9.0 13.4

54 7.9 7.2 10.8

68 5.3 4.9 7.3





#23

Nitrobenzene-d5

Concen: 74.363 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136851.D

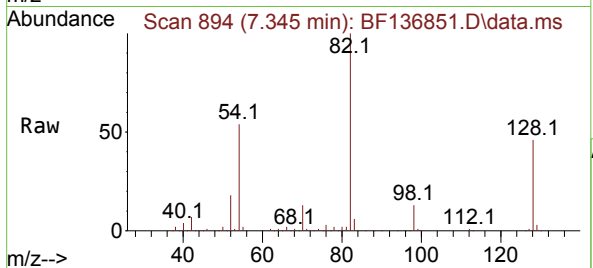
Acq: 30 Dec 2023 03:37

Instrument :

BNA_F

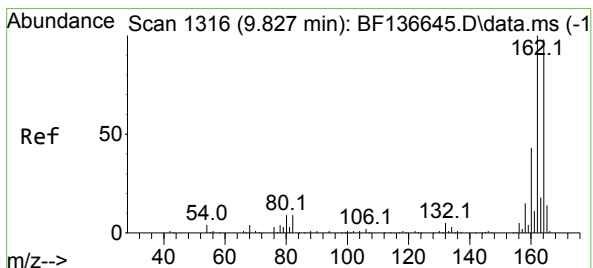
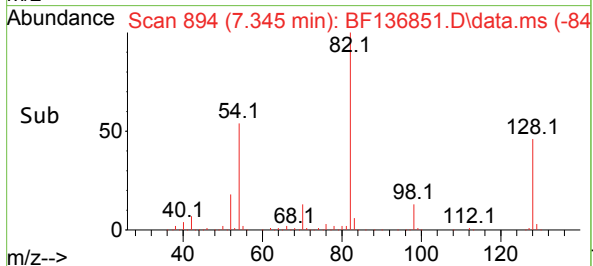
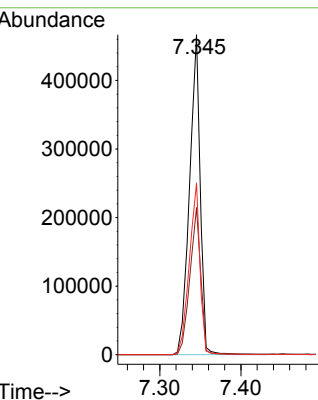
ClientSampleId :

MR-322-4-6



Tgt Ion: 82 Resp: 429157

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.3	52.9
54	53.7	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

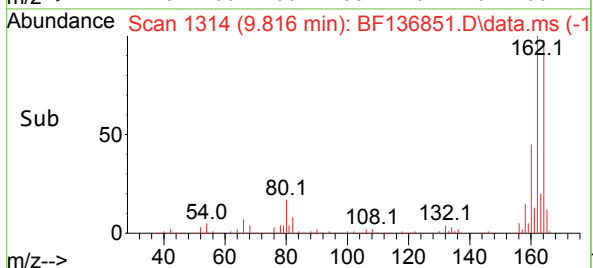
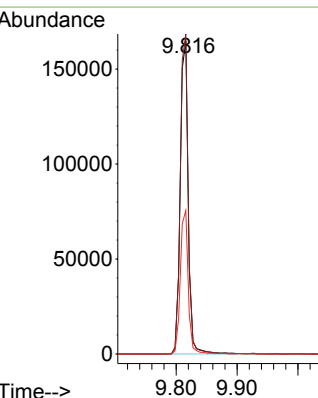
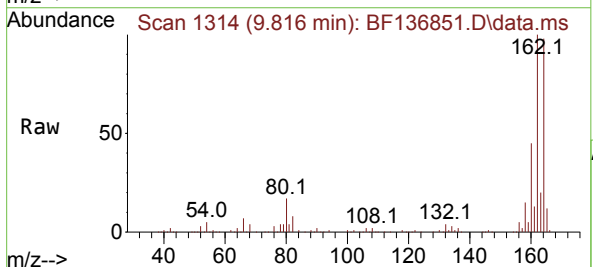
Delta R.T. -0.012 min

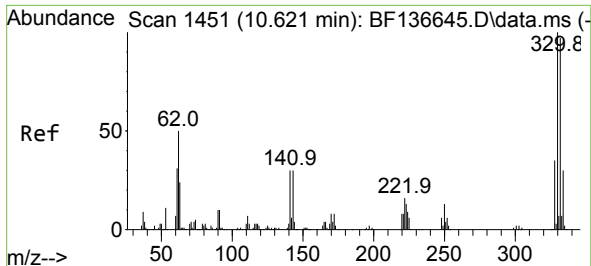
Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

Tgt Ion:164 Resp: 149628

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.6	122.4
160	45.8	34.9	52.3





#42

2,4,6-Tribromophenol

Concen: 102.999 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

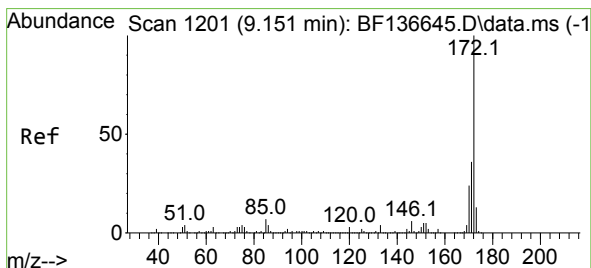
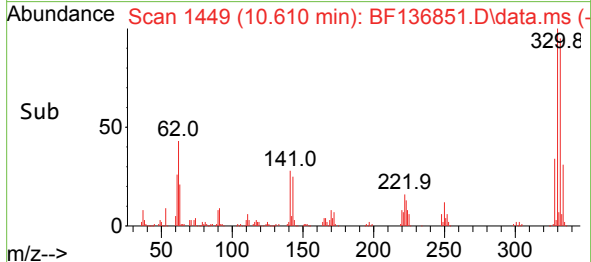
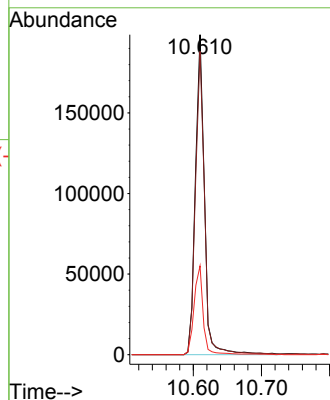
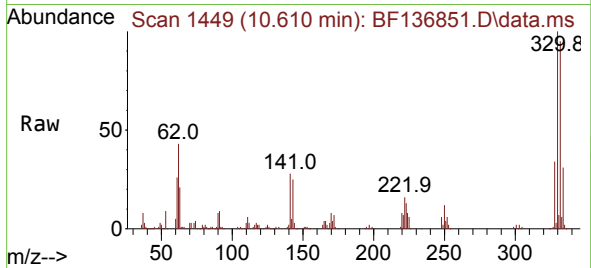
Tgt Ion:330 Resp: 181506

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 76.461 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

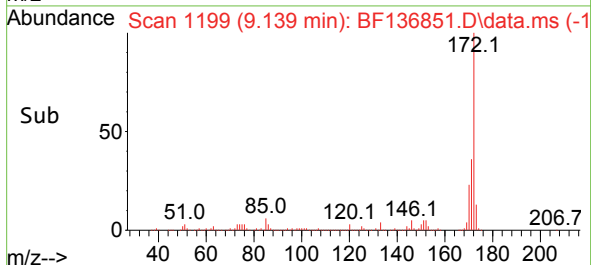
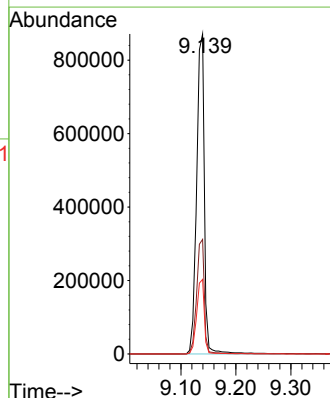
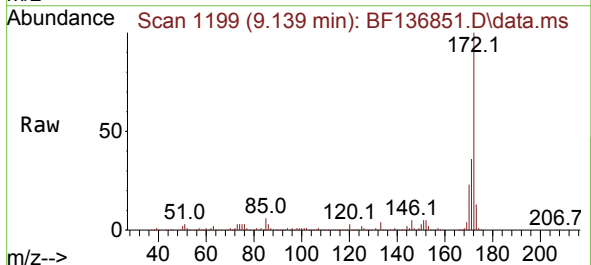
Tgt Ion:172 Resp: 850621

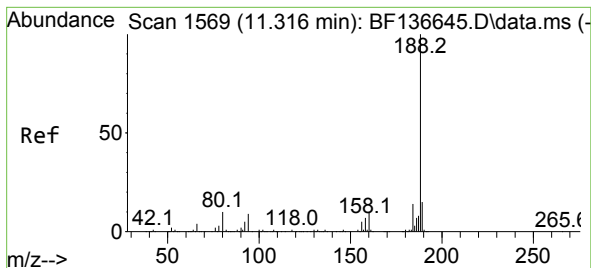
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.3 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: BF136851.D

Acq: 30 Dec 2023 03:37

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

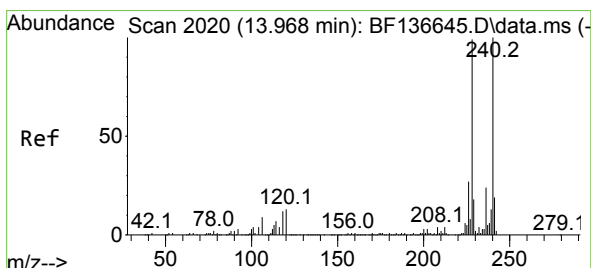
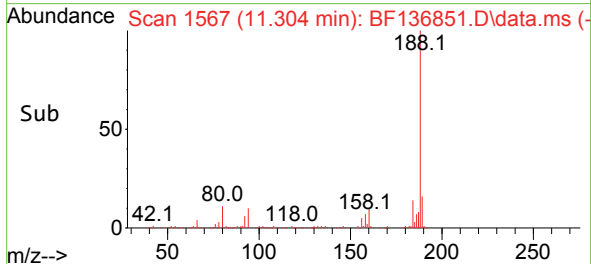
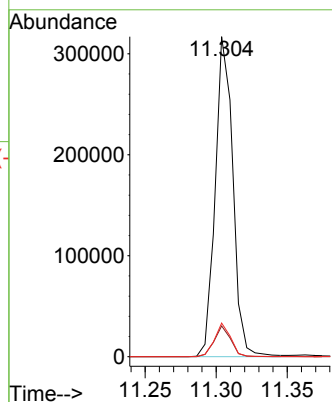
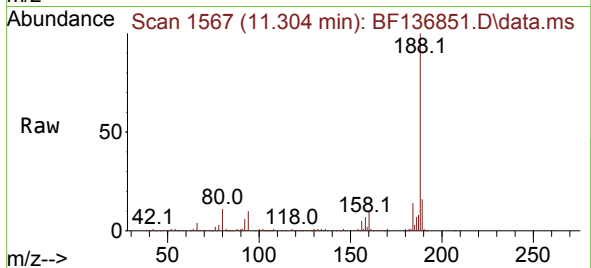
Tgt Ion:188 Resp: 273969

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 10.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136851.D

Acq: 30 Dec 2023 03:37

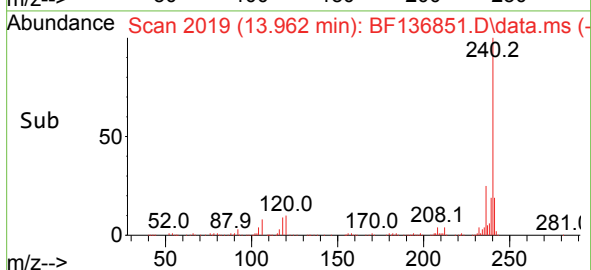
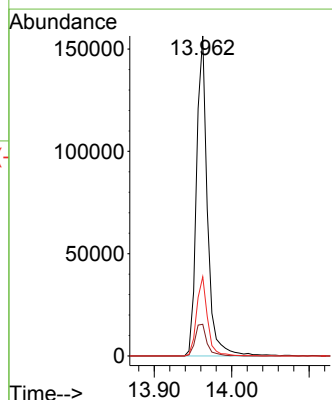
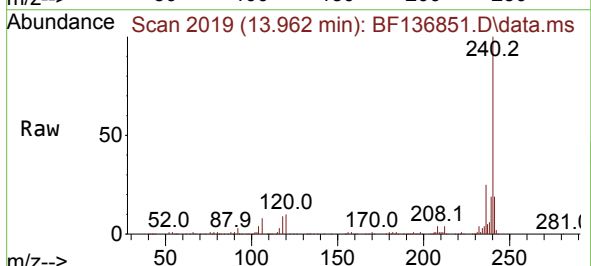
Tgt Ion:240 Resp: 152714

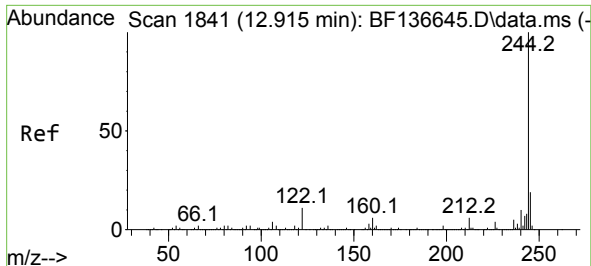
Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

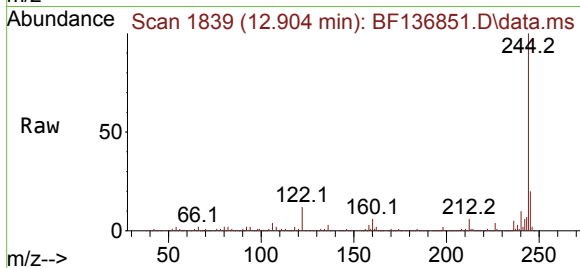
236 24.8 19.4 29.2



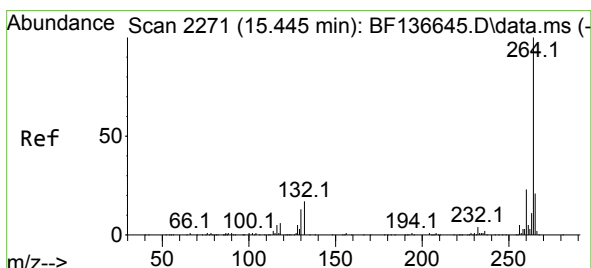
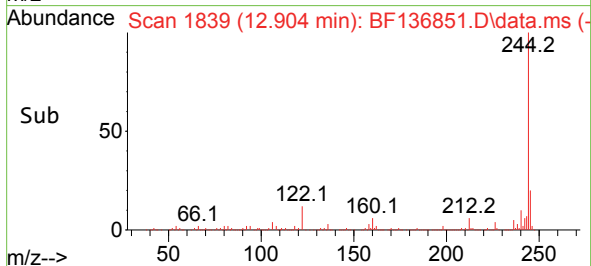
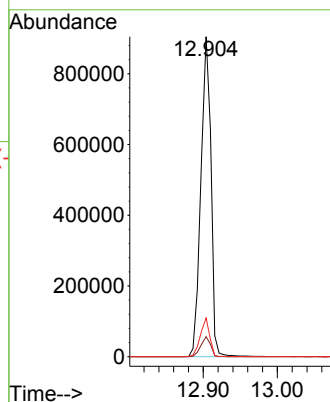


#79
 Terphenyl-d14
 Concen: 78.195 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136851.D
 Acq: 30 Dec 2023 03:37

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-4-6



Tgt Ion:244 Resp: 854509
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.1 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: BF136851.D
 Acq: 30 Dec 2023 03:37

Tgt Ion:264 Resp: 152527
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.8 17.0 25.6

