

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136354.D
 Acq On : 02 Dec 2023 01:12
 Operator : CG\JU
 Sample : 05561-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A821

Quant Time: Dec 02 03:30:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	124802	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	512426	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	240881	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	338963	20.000	ng	0.00
76) Chrysene-d12	13.980	240	211619	20.000	ng	#-0.01
86) Perylene-d12	15.462	264	250829	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	537034	59.893	ng	0.00
7) Phenol-d6	6.434	99	410979	36.657	ng	-0.01
23) Nitrobenzene-d5	7.369	82	862638	88.958	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	326248	110.781	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1720834	91.250	ng	0.00
79) Terphenyl-d14	12.927	244	1143282	62.318	ng	0.00

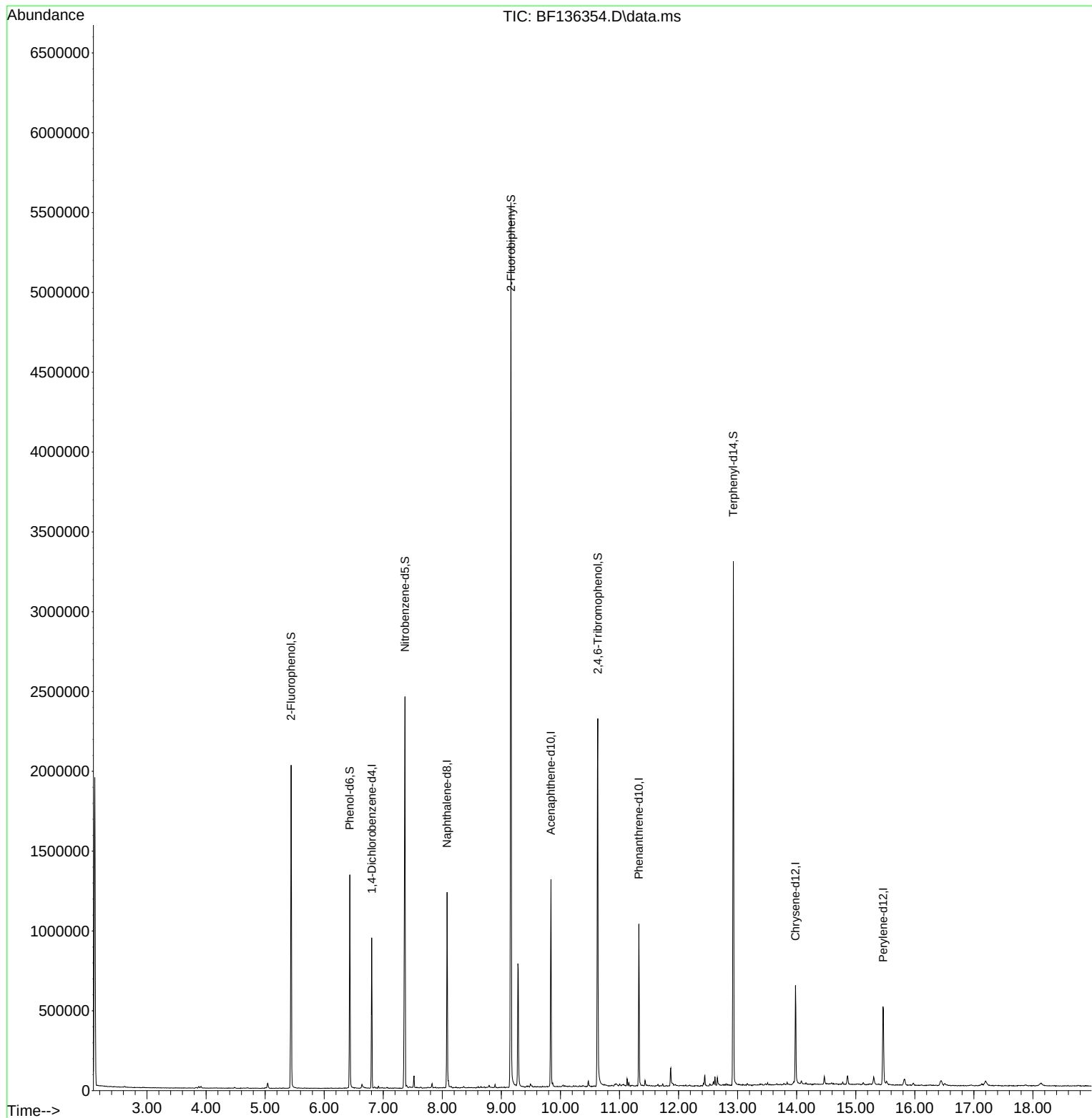
Target Compounds	Qvalue

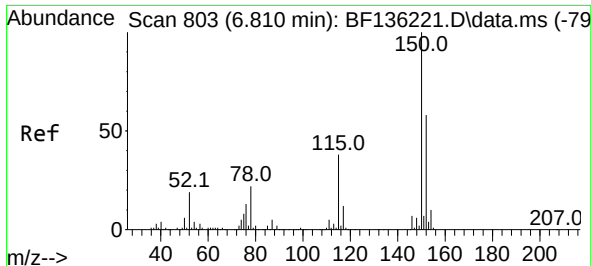
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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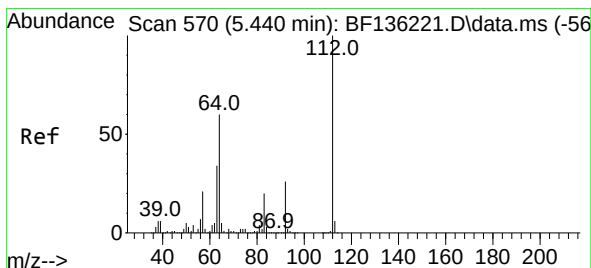
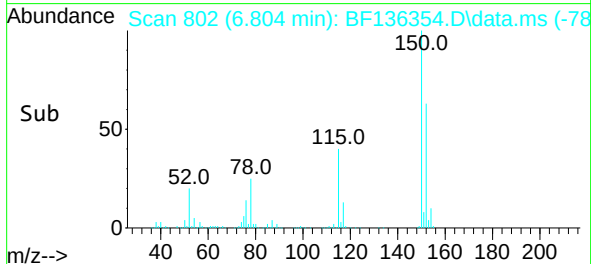
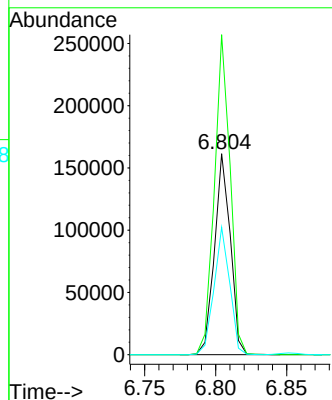
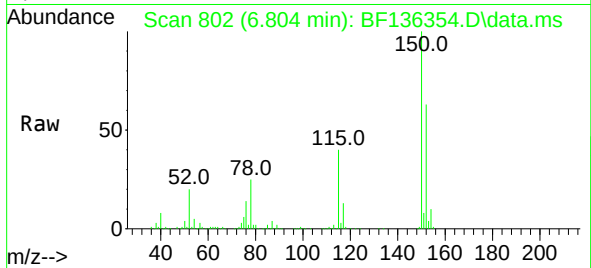




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136354.D
Acq: 02 Dec 2023 01:12

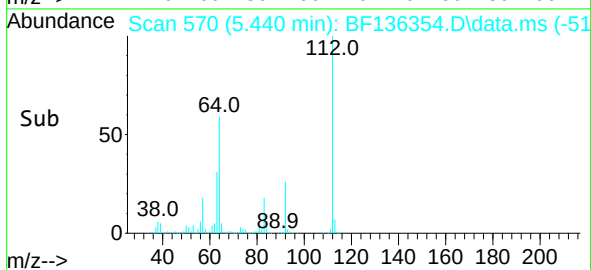
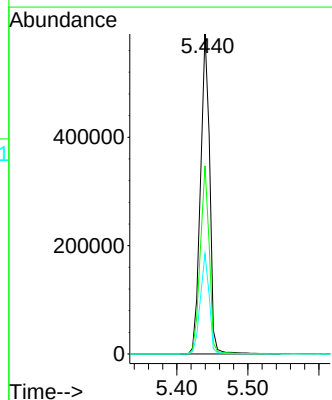
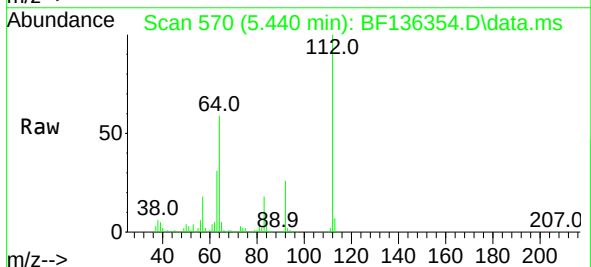
Instrument :
BNA_F
ClientSampleId :
A821

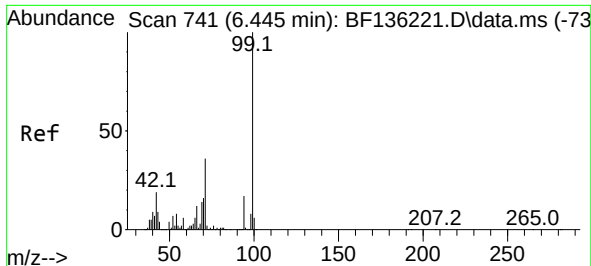
Tgt Ion:152 Resp: 124802
Ion Ratio Lower Upper
152 100
150 159.2 137.8 206.8
115 63.4 52.7 79.1



#5
2-Fluorophenol
Concen: 59.893 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136354.D
Acq: 02 Dec 2023 01:12

Tgt Ion:112 Resp: 537034
Ion Ratio Lower Upper
112 100
64 58.8 48.2 72.4
63 31.4 27.0 40.6





#7

Phenol-d6

Concen: 36.657 ng

RT: 6.434 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

Instrument :

BNA_F

ClientSampleId :

A821

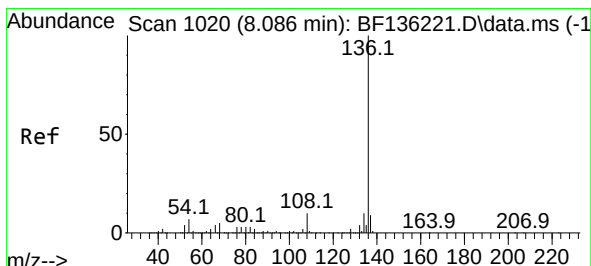
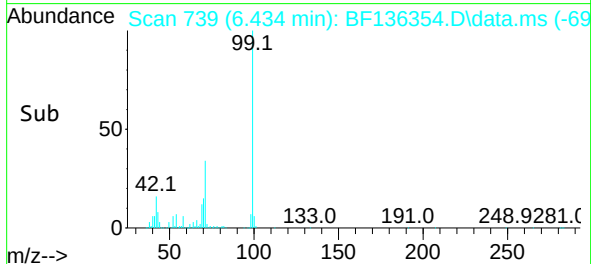
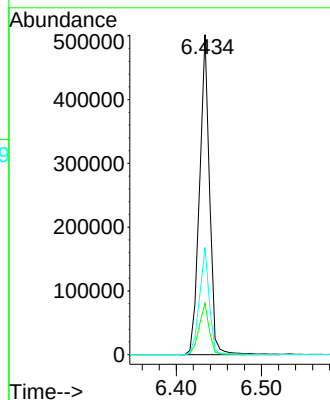
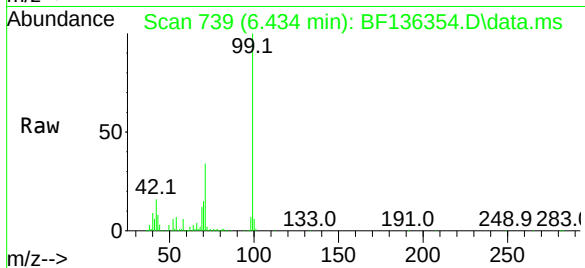
Tgt Ion: 99 Resp: 410979

Ion Ratio Lower Upper

99 100

42 16.1 15.0 22.6

71 33.5 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

Tgt Ion: 136 Resp: 512426

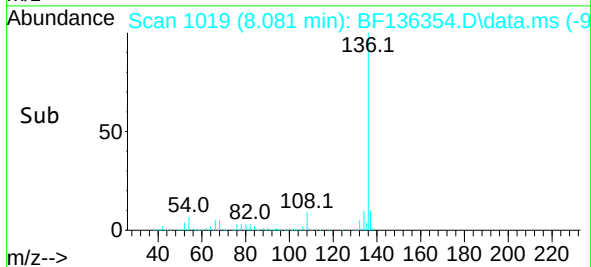
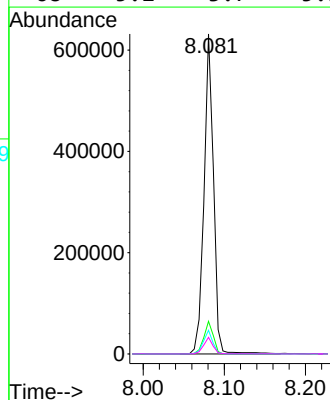
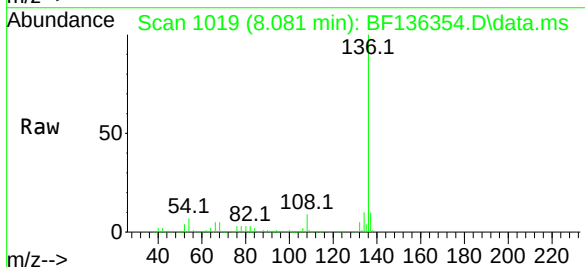
Ion Ratio Lower Upper

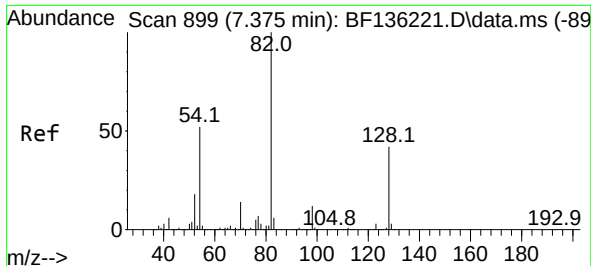
136 100

137 10.2 7.4 11.2

54 7.4 5.5 8.3

68 5.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 88.958 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

Instrument :

BNA_F

ClientSampleId :

A821

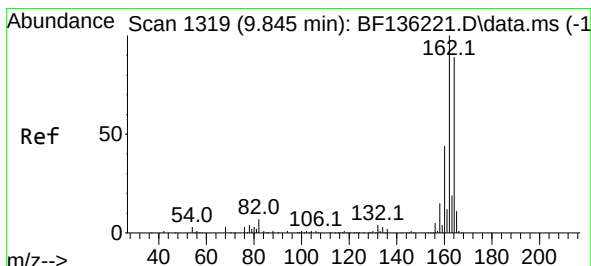
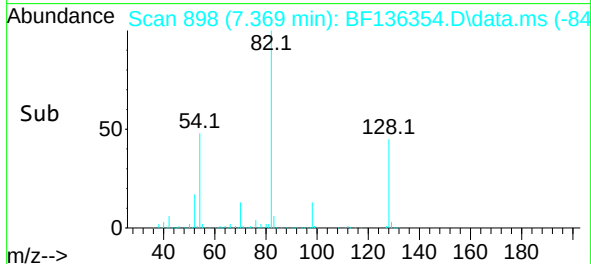
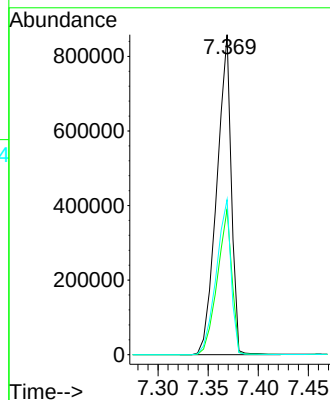
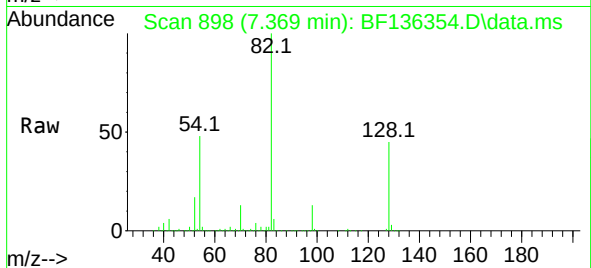
Tgt Ion: 82 Resp: 862638

Ion Ratio Lower Upper

82 100

128 45.5 33.4 50.2

54 48.5 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

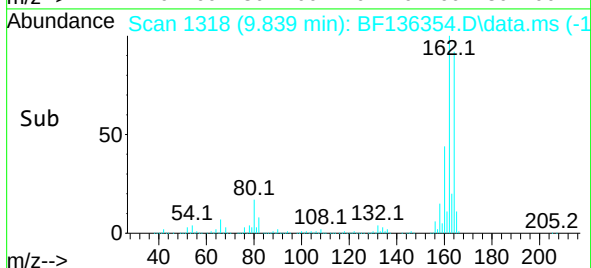
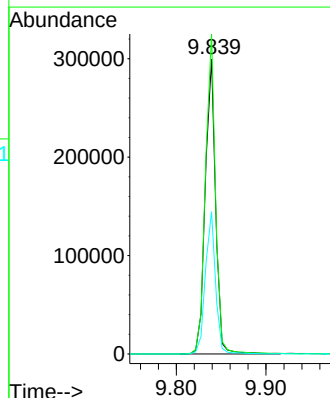
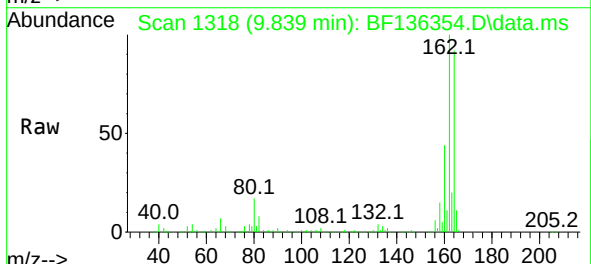
Tgt Ion:164 Resp: 240881

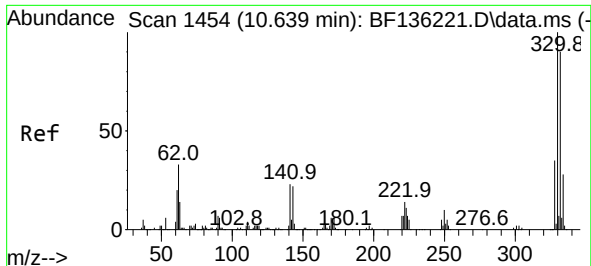
Ion Ratio Lower Upper

164 100

162 108.5 89.5 134.3

160 48.2 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 110.781 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

Instrument :

BNA_F

ClientSampleId :

A821

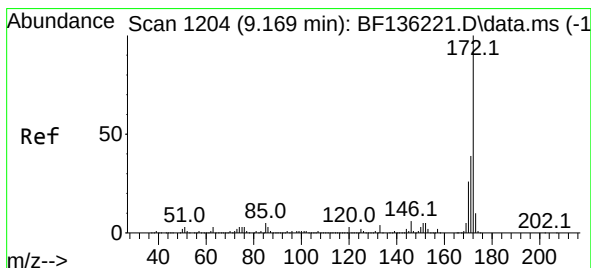
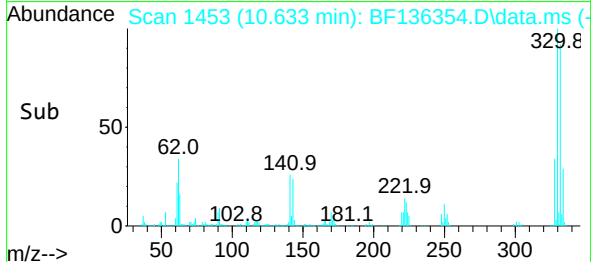
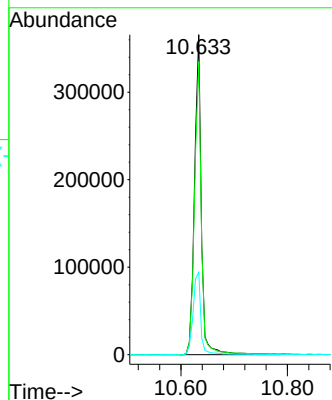
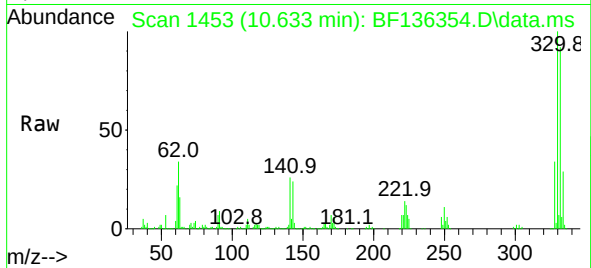
Tgt Ion:330 Resp: 326248

Ion Ratio Lower Upper

330 100

332 93.0 73.0 109.6

141 29.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 91.250 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

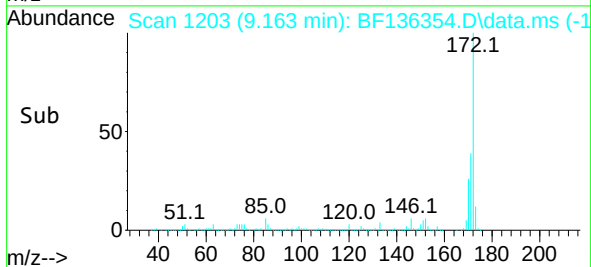
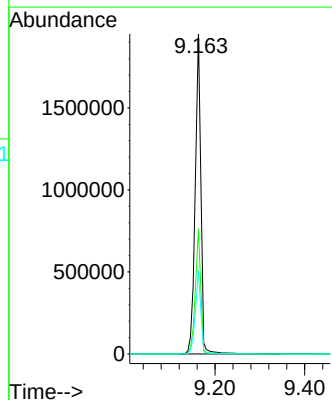
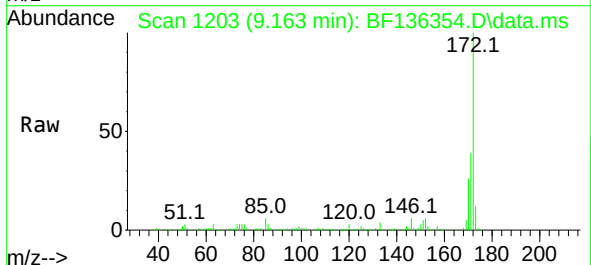
Tgt Ion:172 Resp: 1720834

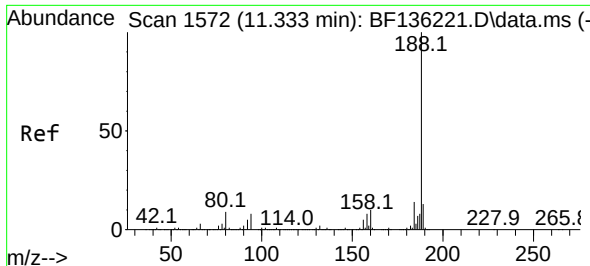
Ion Ratio Lower Upper

172 100

171 39.1 31.5 47.3

170 26.0 20.8 31.2

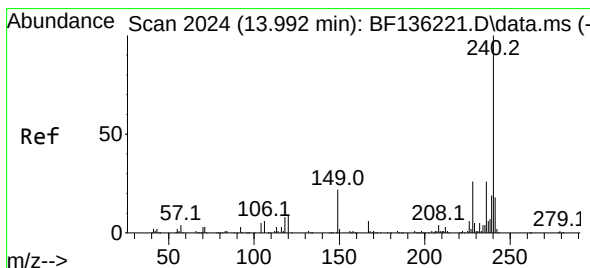
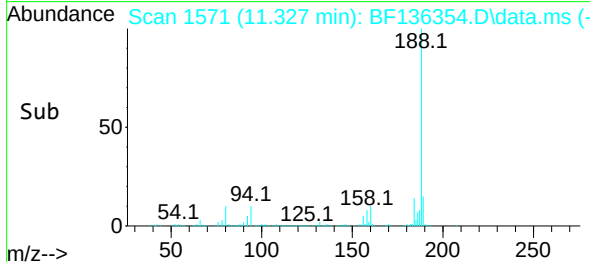
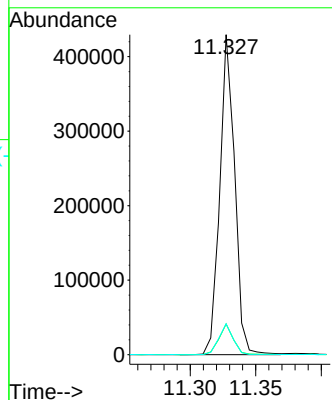
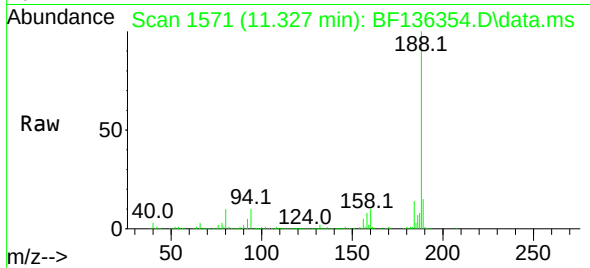




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136354.D
Acq: 02 Dec 2023 01:12

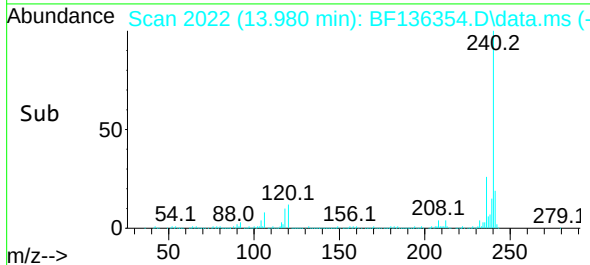
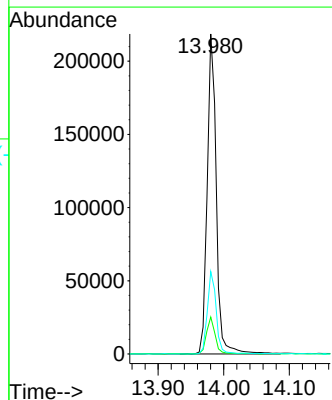
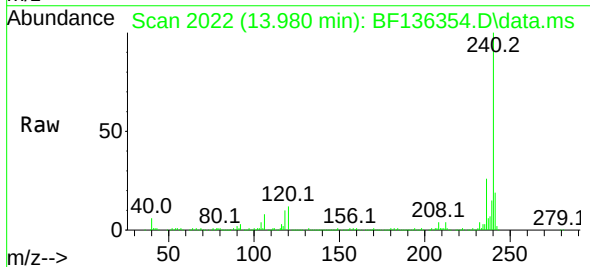
Instrument :
BNA_F
ClientSampleId :
A821

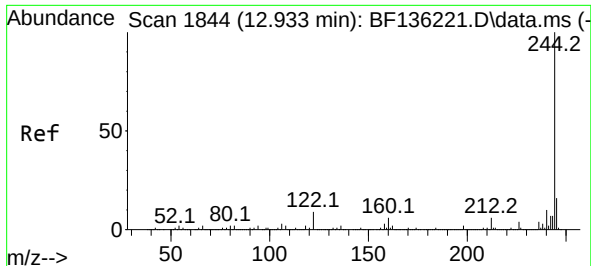
Tgt Ion:188 Resp: 338963
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136354.D
Acq: 02 Dec 2023 01:12

Tgt Ion:240 Resp: 211619
Ion Ratio Lower Upper
240 100
120 11.5 7.4 11.2#
236 25.8 21.1 31.7





#79

Terphenyl-d14

Concen: 62.318 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

Instrument :

BNA_F

ClientSampleId :

A821

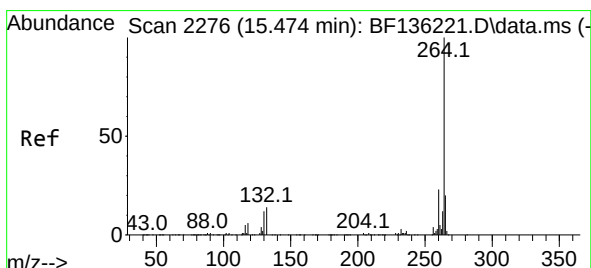
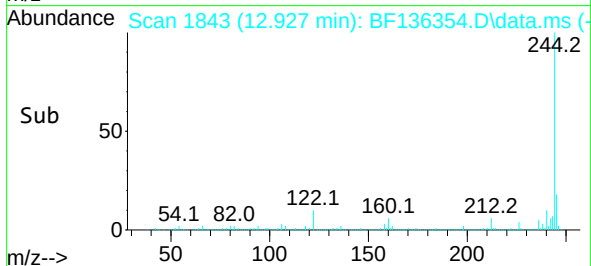
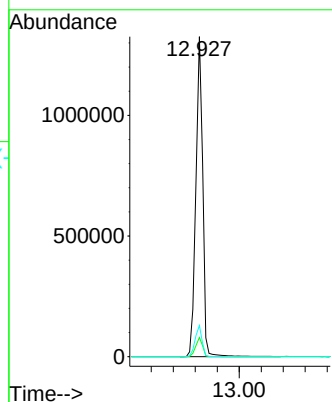
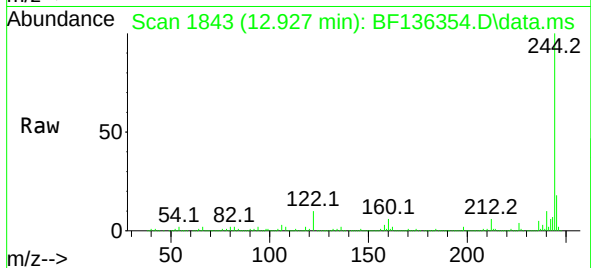
Tgt Ion:244 Resp: 1143282

Ion Ratio Lower Upper

244 100

212 6.0 4.6 7.0

122 9.8 7.3 10.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.012 min

Lab File: BF136354.D

Acq: 02 Dec 2023 01:12

Tgt Ion:264 Resp: 250829

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

265 21.0 15.7 23.5

