

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136259.D
 Acq On : 28 Nov 2023 20:33
 Operator : CG\JU
 Sample : 05505-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-D

Quant Time: Nov 29 00:49:24 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	120947	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	508280	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	231921	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	341187	20.000	ng	0.00
76) Chrysene-d12	13.980	240	233178	20.000	ng	-0.01
86) Perylene-d12	15.462	264	247918	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	716491	82.453	ng	0.00
7) Phenol-d6	6.433	99	894702	82.345	ng	-0.01
23) Nitrobenzene-d5	7.363	82	547984	56.971	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	184614	65.110	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1134418	62.478	ng	-0.01
79) Terphenyl-d14	12.921	244	844112	41.757	ng	-0.01

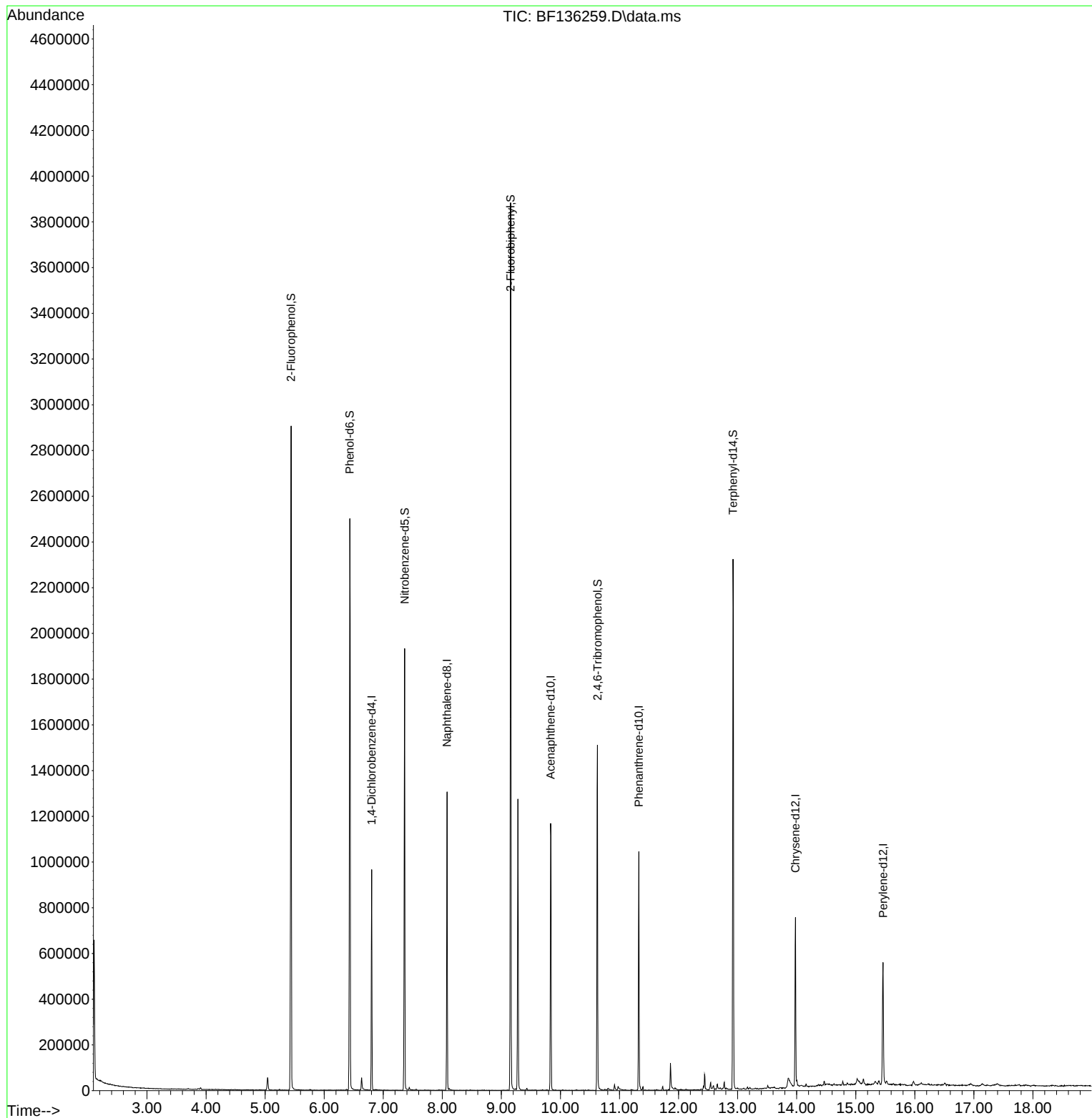
Target Compounds	Qvalue

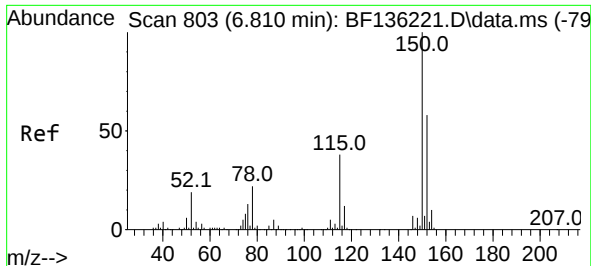
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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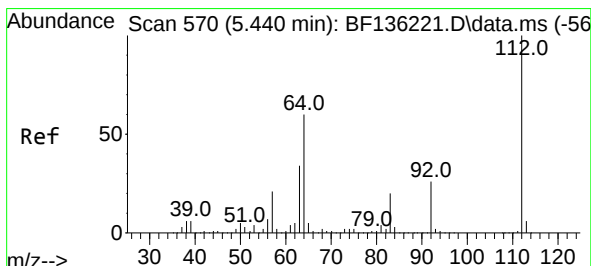
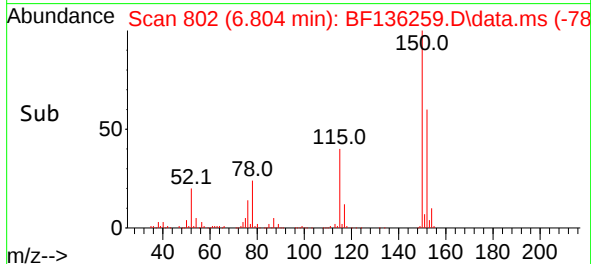
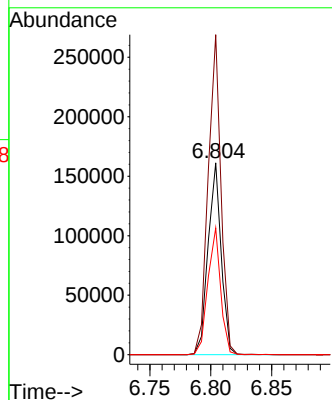
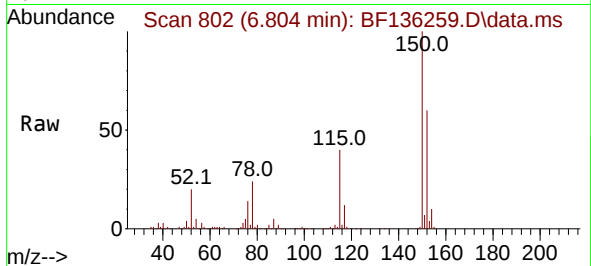




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

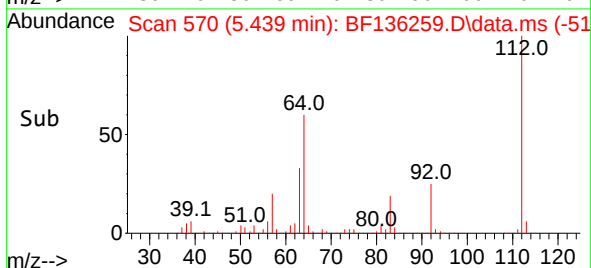
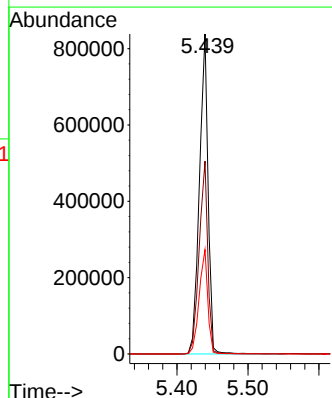
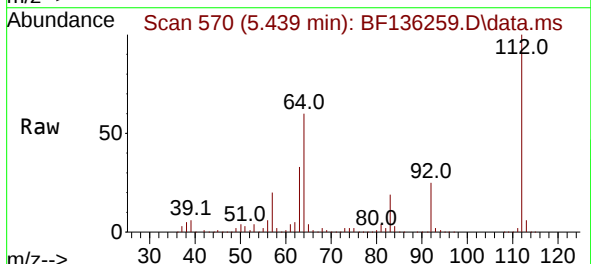
Instrument :
BNA_F
ClientSampleId :
TP-D

Tgt Ion:152 Resp: 120947
Ion Ratio Lower Upper
152 100
150 166.8 137.8 206.8
115 66.0 52.7 79.1



#5
2-Fluorophenol
Concen: 82.453 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.000 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion:112 Resp: 716491
Ion Ratio Lower Upper
112 100
64 60.3 48.2 72.4
63 32.6 27.0 40.6

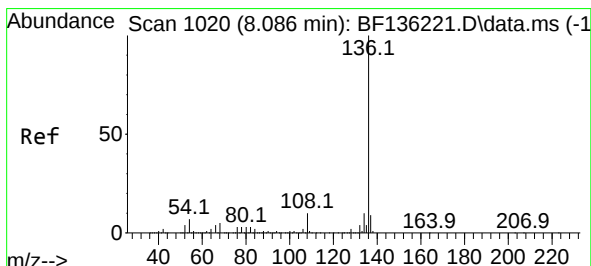
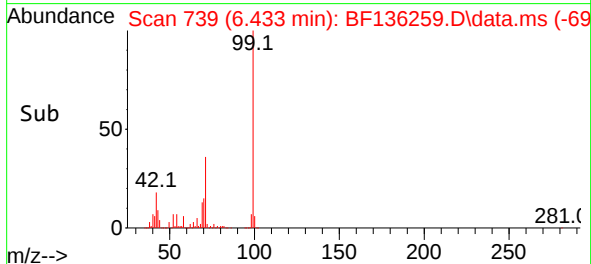
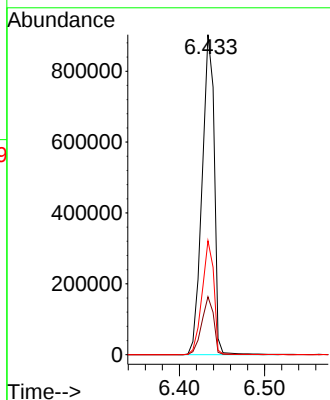
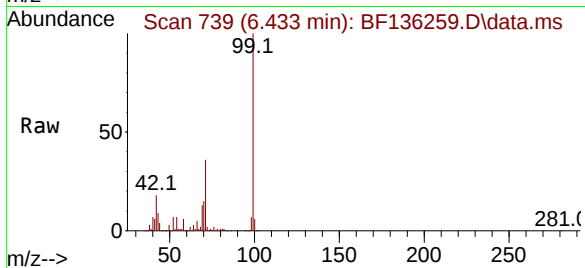




#7
Phenol-d6
Concen: 82.345 ng
RT: 6.433 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

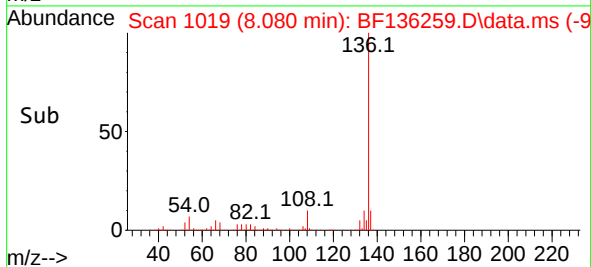
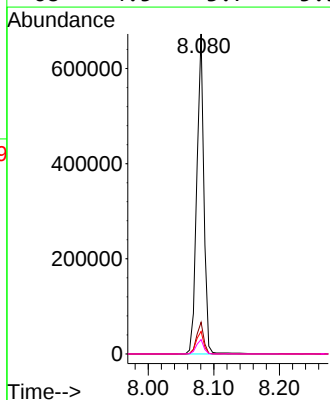
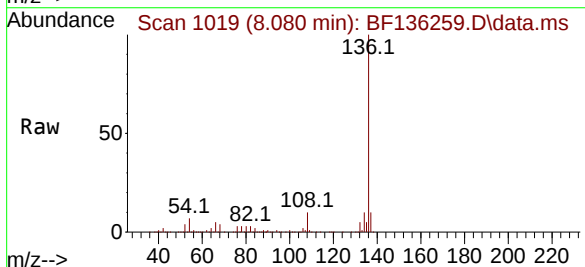
Instrument :
BNA_F
ClientSampleId :
TP-D

Tgt Ion: 99 Resp: 894702
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 35.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136259.D
Acq: 28 Nov 2023 20:33

Tgt Ion: 136 Resp: 508280
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.2
54 7.1 5.5 8.3
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 56.971 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

Instrument :

BNA_F

ClientSampleId :

TP-D

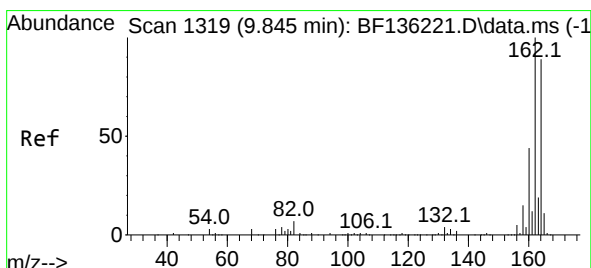
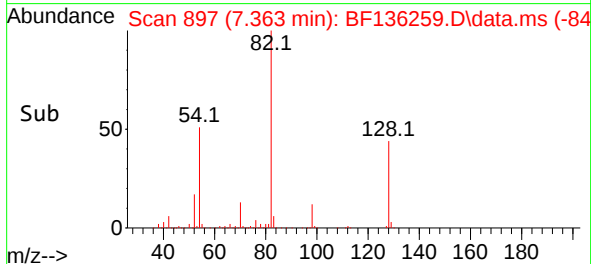
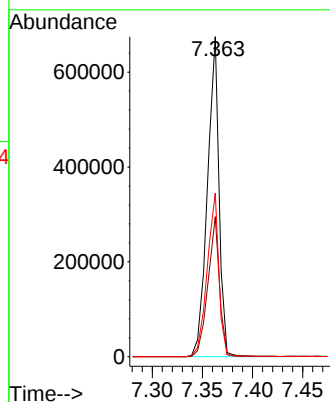
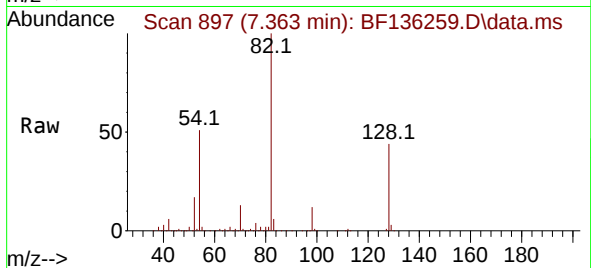
Tgt Ion: 82 Resp: 547984

Ion Ratio Lower Upper

82 100

128 43.7 33.4 50.2

54 51.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

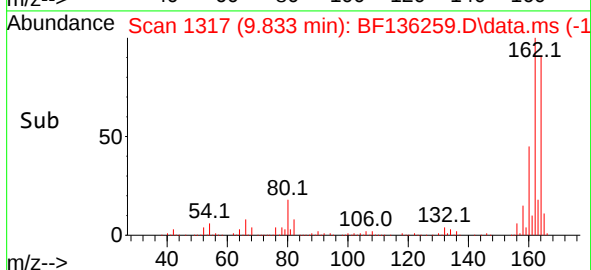
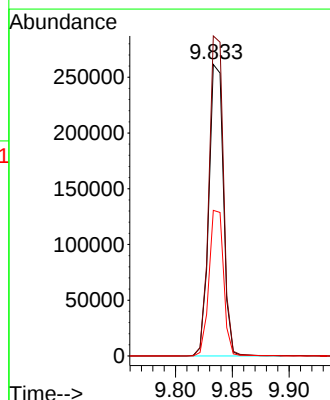
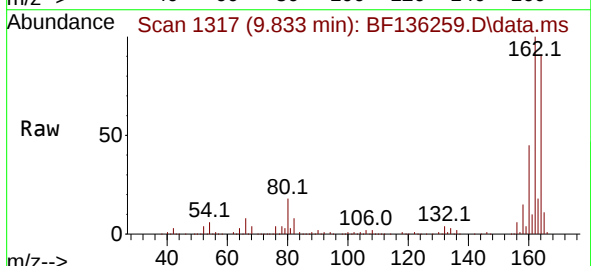
Tgt Ion:164 Resp: 231921

Ion Ratio Lower Upper

164 100

162 109.8 89.5 134.3

160 49.9 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 65.110 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

Instrument :

BNA_F

ClientSampleId :

TP-D

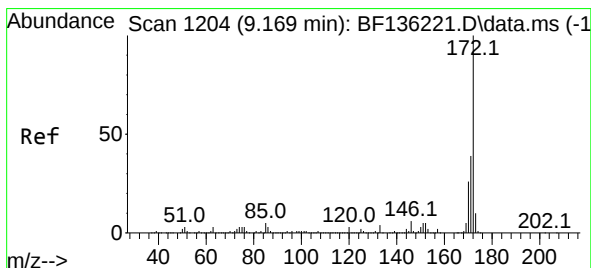
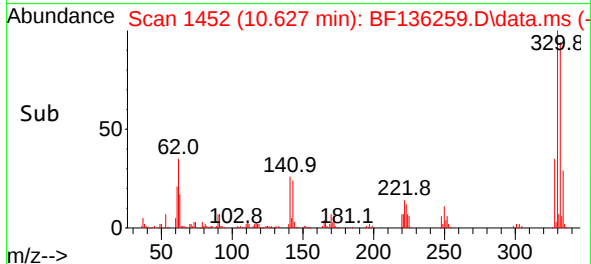
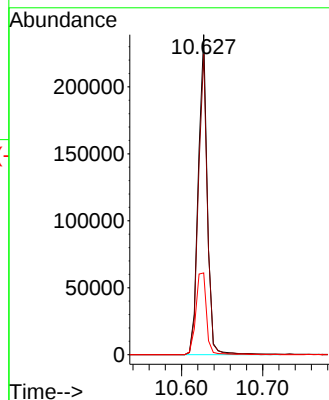
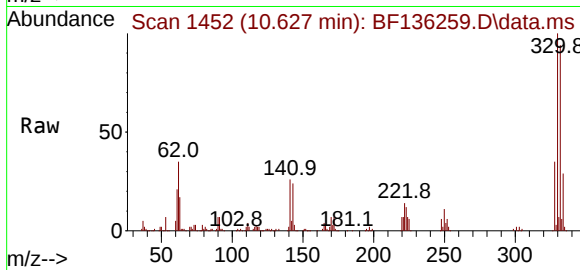
Tgt Ion:330 Resp: 184614

Ion Ratio Lower Upper

330 100

332 94.5 73.0 109.6

141 30.1 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 62.478 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

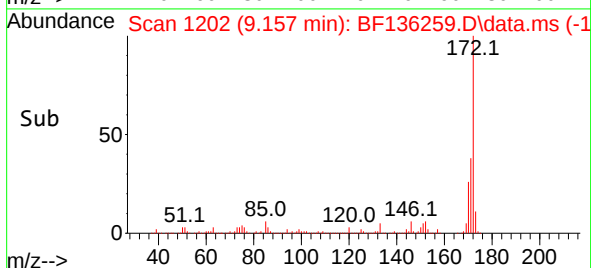
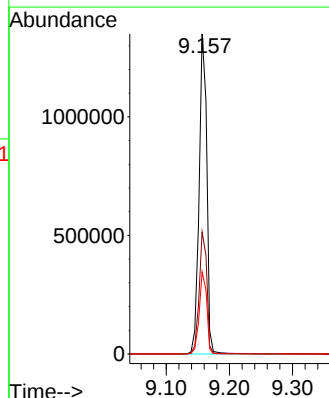
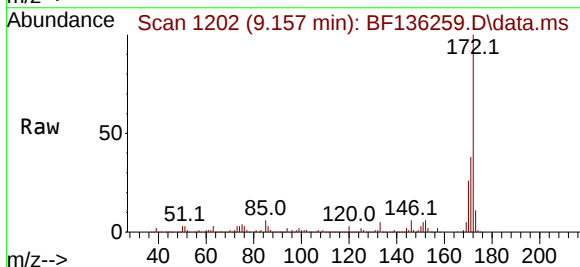
Tgt Ion:172 Resp: 1134418

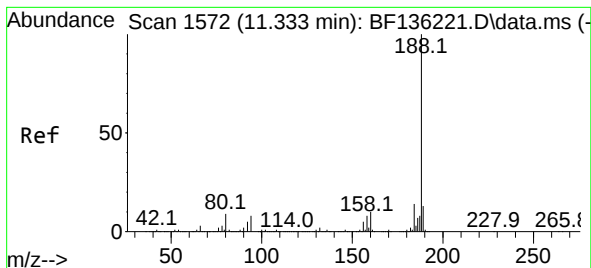
Ion Ratio Lower Upper

172 100

171 38.1 31.5 47.3

170 25.6 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136259.D

Acq: 28 Nov 2023 20:33

Instrument :

BNA_F

ClientSampleId :

TP-D

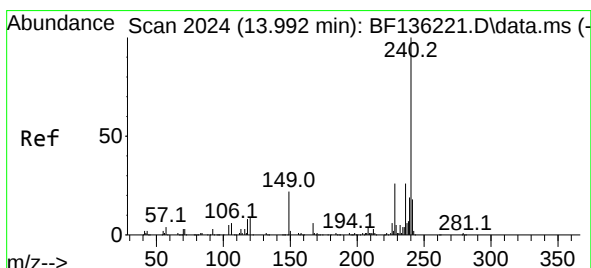
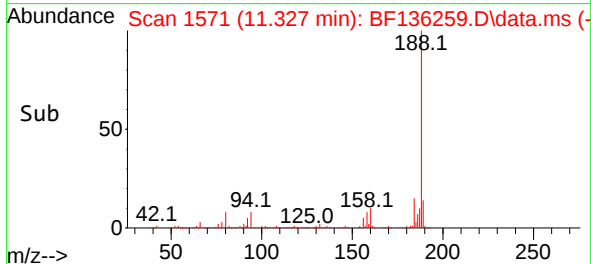
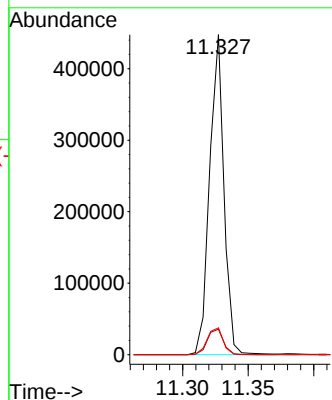
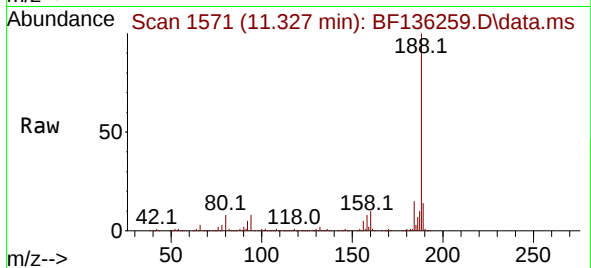
Tgt Ion:188 Resp: 341187

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.4 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: BF136259.D

Acq: 28 Nov 2023 20:33

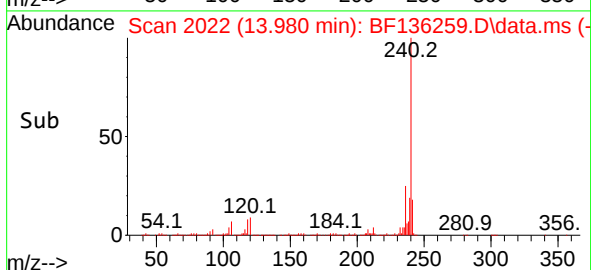
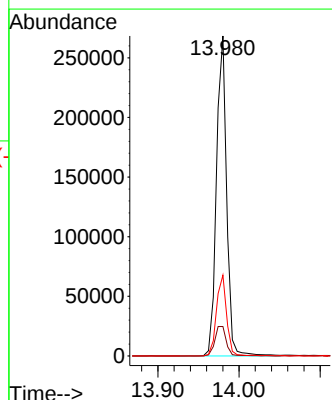
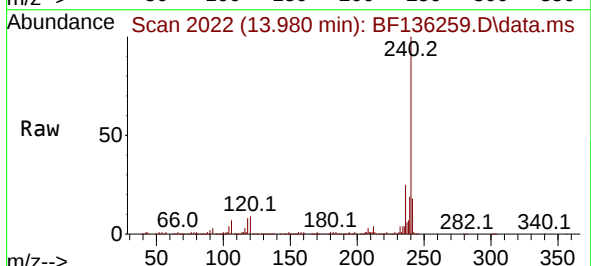
Tgt Ion:240 Resp: 233178

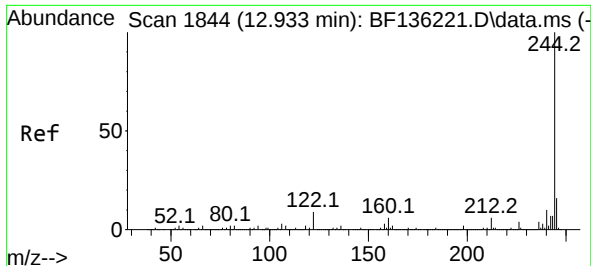
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.2

236 25.3 21.1 31.7

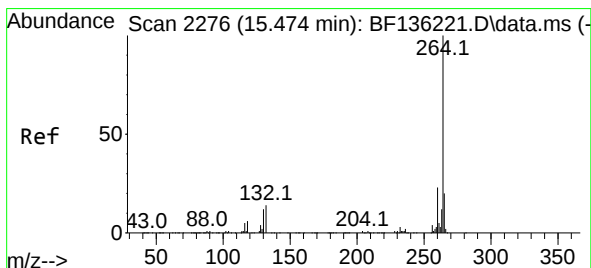
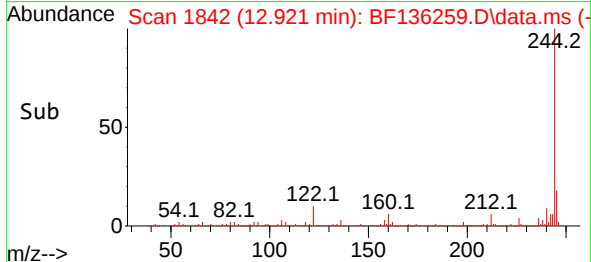
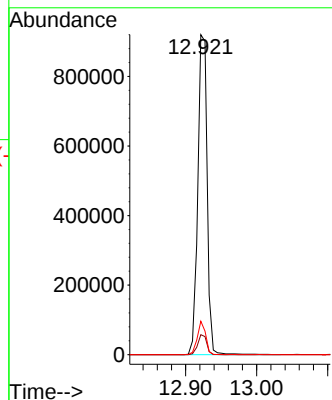
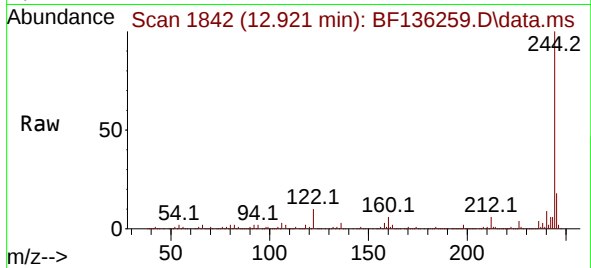




#79
 Terphenyl-d14
 Concen: 41.757 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF136259.D
 Acq: 28 Nov 2023 20:33

Instrument :
 BNA_F
 ClientSampleId :
 TP-D

Tgt Ion:244 Resp: 844112
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 10.4 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: BF136259.D
 Acq: 28 Nov 2023 20:33

Tgt Ion:264 Resp: 247918
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 20.7 15.7 23.5

