

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136255.D
 Acq On : 28 Nov 2023 18:25
 Operator : CG\JU
 Sample : 05468-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Nov 29 00:47:56 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	137780	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	571677	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	297968	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	546795	20.000	ng	0.00
76) Chrysene-d12	13.980	240	236370	20.000	ng	-0.01
86) Perylene-d12	15.462	264	259724	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1240498	125.315	ng	0.00
7) Phenol-d6	6.439	99	1585750	128.116	ng	0.00
23) Nitrobenzene-d5	7.363	82	976636	90.276	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	500458	137.379	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2027571	86.916	ng	0.00
79) Terphenyl-d14	12.927	244	1985428	96.889	ng	0.00

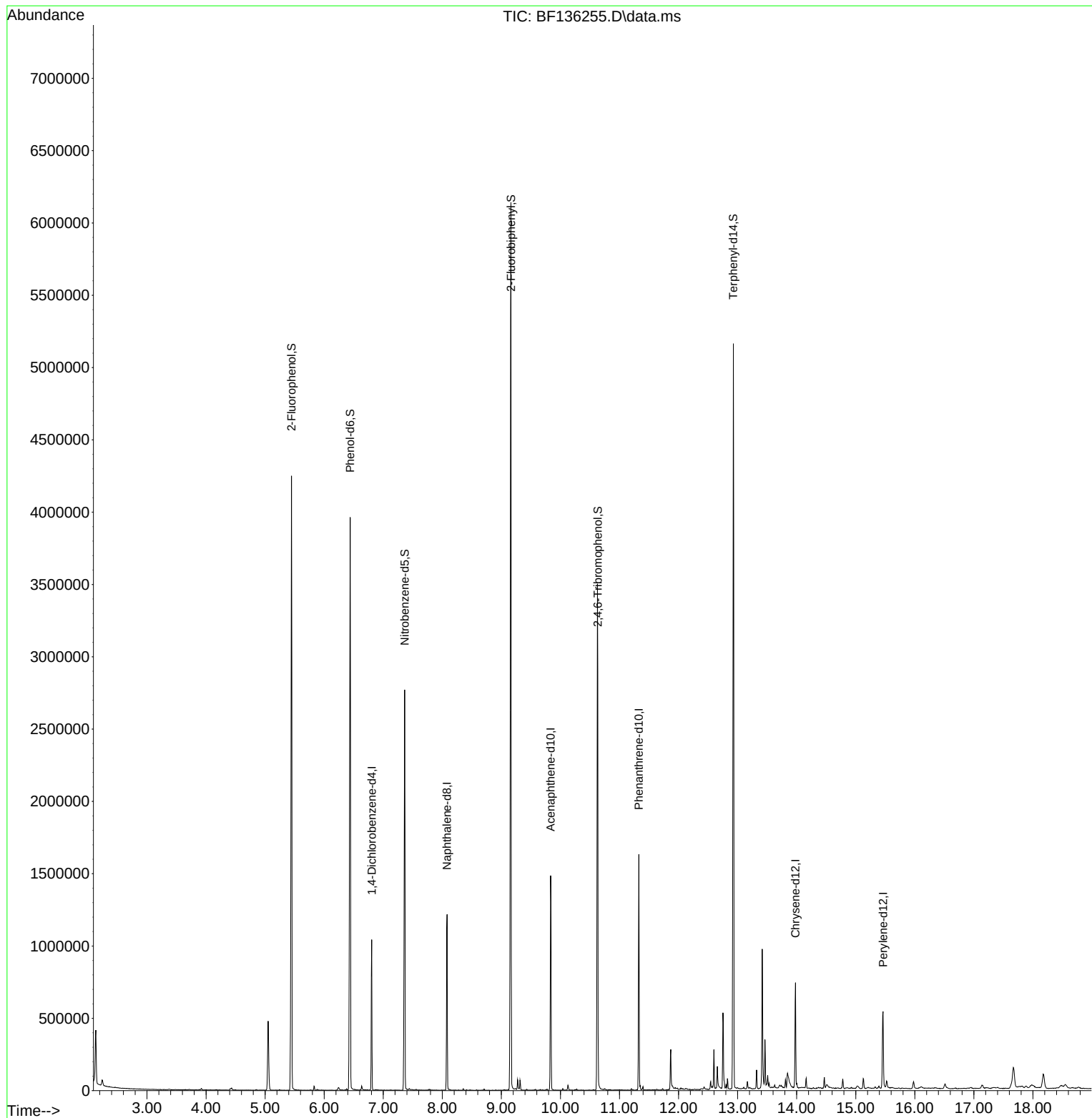
Target Compounds	Qvalue

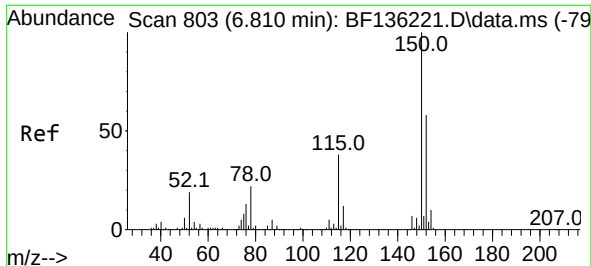
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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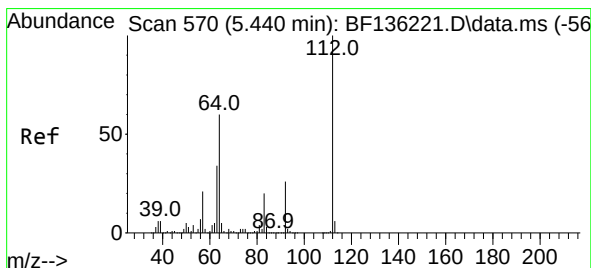
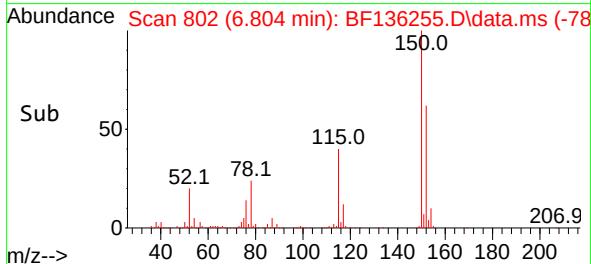
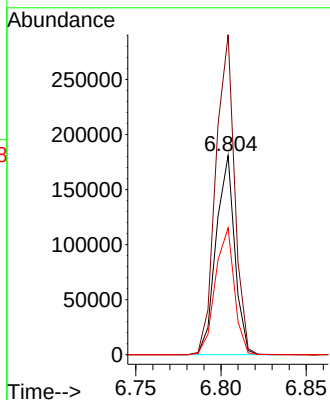
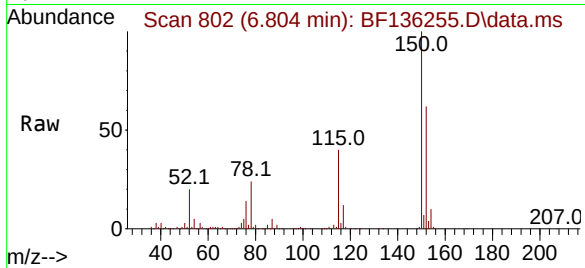




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 803
 Delta R.T. -0.006 min
 Lab File: BF136255.D
 Acq: 28 Nov 2023 18:25

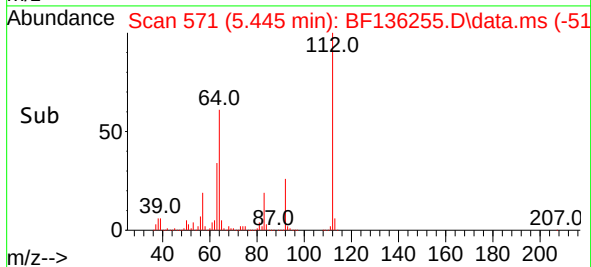
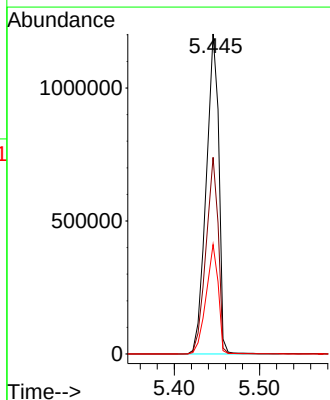
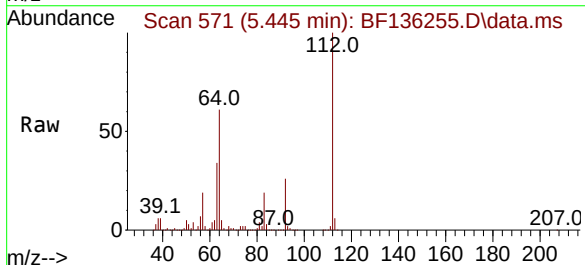
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

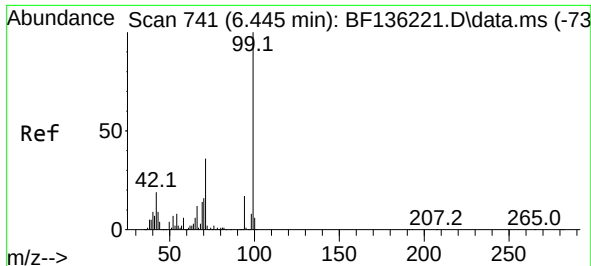
Tgt Ion:152 Resp: 137780
 Ion Ratio Lower Upper
 152 100
 150 160.6 137.8 206.8
 115 63.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 125.315 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: BF136255.D
 Acq: 28 Nov 2023 18:25

Tgt Ion:112 Resp: 1240498
 Ion Ratio Lower Upper
 112 100
 64 61.5 48.2 72.4
 63 34.2 27.0 40.6

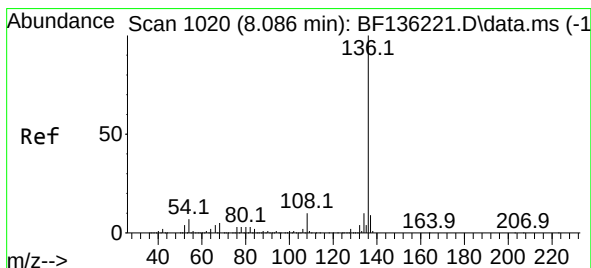
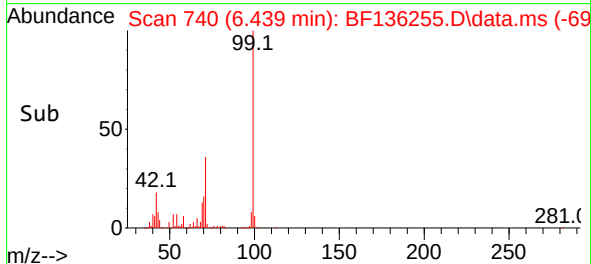
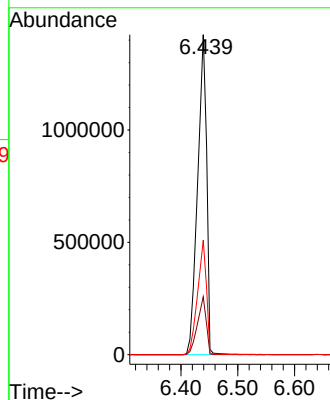
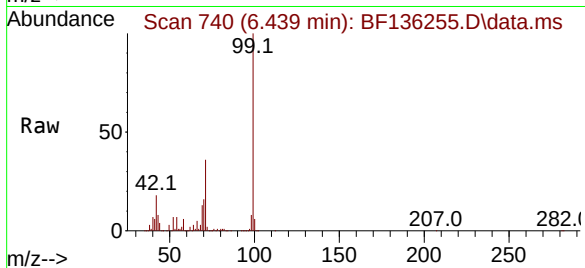




#7
Phenol-d6
Concen: 128.116 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136255.D
Acq: 28 Nov 2023 18:25

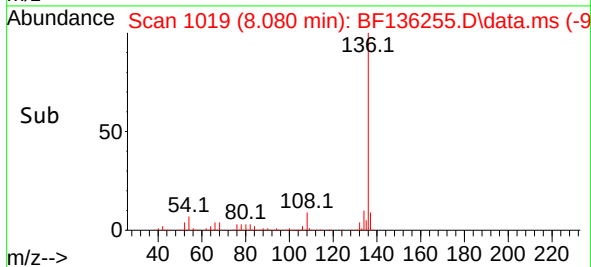
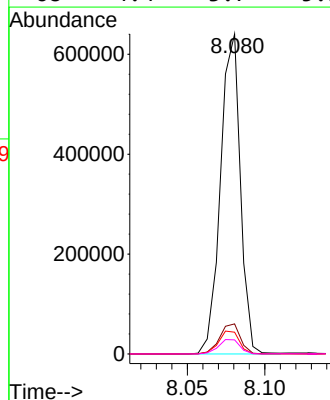
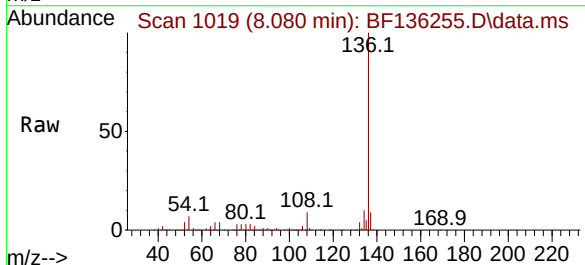
Instrument :
BNA_F
ClientSampleId :
TP-10

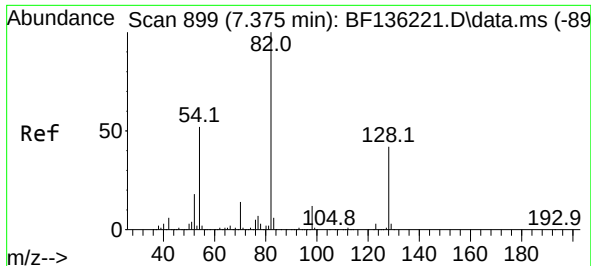
Tgt Ion: 99 Resp: 1585750
Ion Ratio Lower Upper
99 100
42 18.1 15.0 22.6
71 35.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136255.D
Acq: 28 Nov 2023 18:25

Tgt Ion: 136 Resp: 571677
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 6.8 5.5 8.3
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.276 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136255.D

Acq: 28 Nov 2023 18:25

Instrument :

BNA_F

ClientSampleId :

TP-10

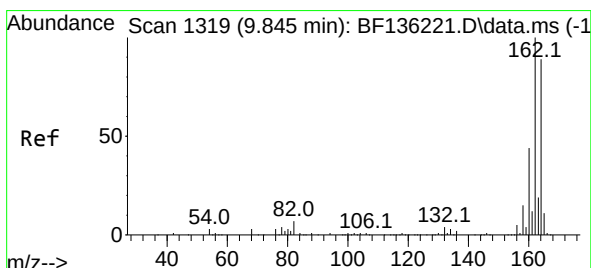
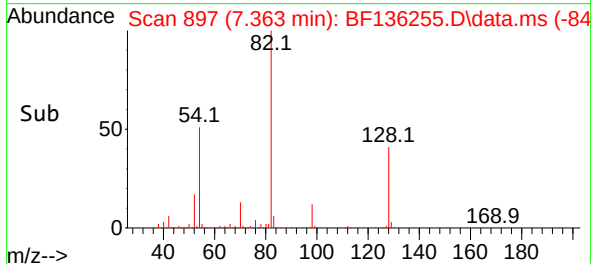
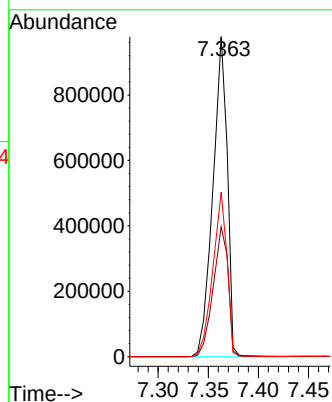
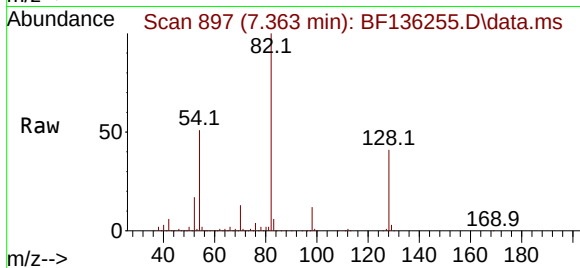
Tgt Ion: 82 Resp: 976636

Ion Ratio Lower Upper

82 100

128 40.6 33.4 50.2

54 51.4 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: BF136255.D

Acq: 28 Nov 2023 18:25

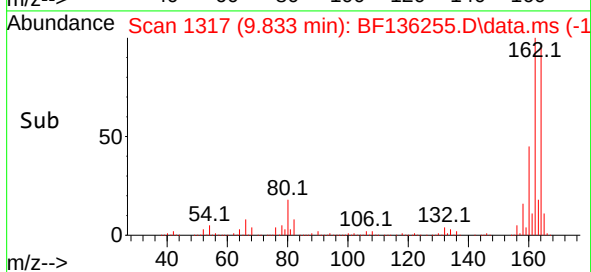
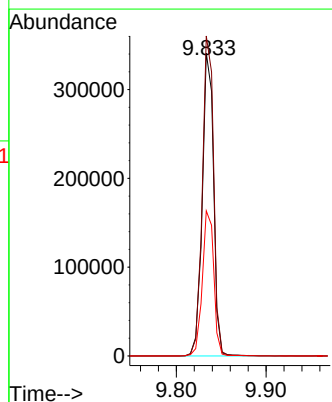
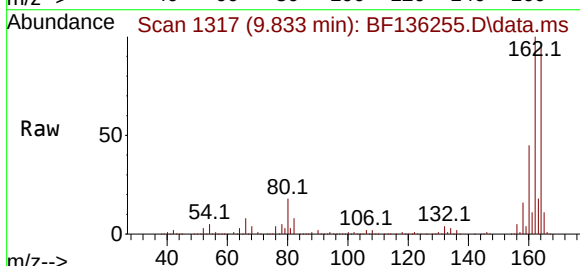
Tgt Ion: 164 Resp: 297968

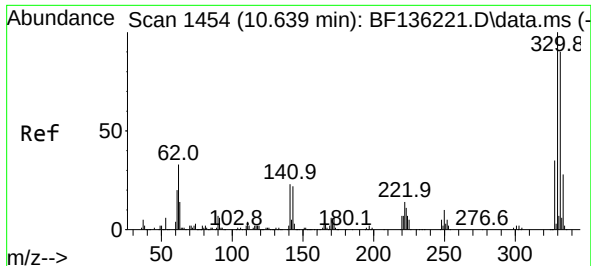
Ion Ratio Lower Upper

164 100

162 105.6 89.5 134.3

160 47.9 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 137.379 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136255.D

Acq: 28 Nov 2023 18:25

Instrument :

BNA_F

ClientSampleId :

TP-10

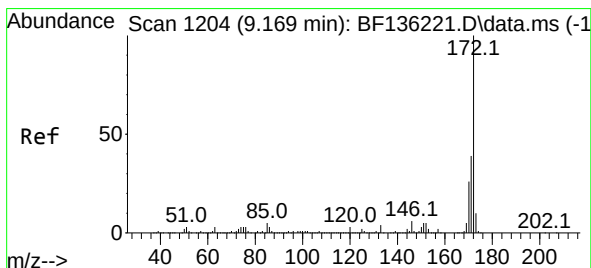
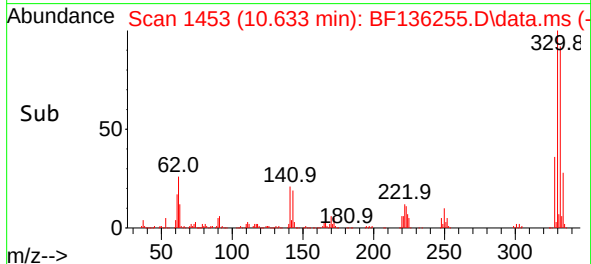
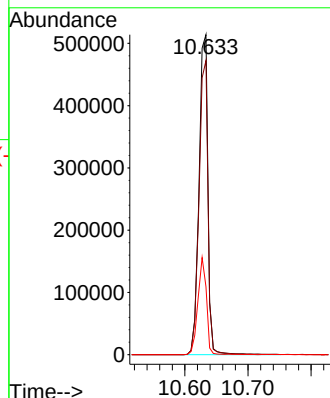
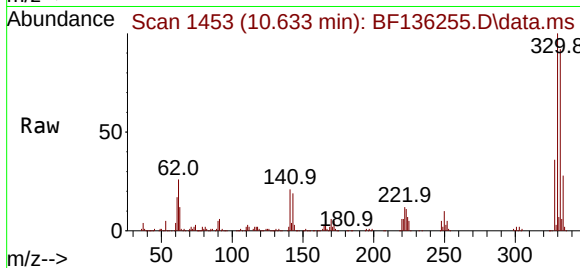
Tgt Ion:330 Resp: 500458

Ion Ratio Lower Upper

330 100

332 92.6 73.0 109.6

141 29.4 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 86.916 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136255.D

Acq: 28 Nov 2023 18:25

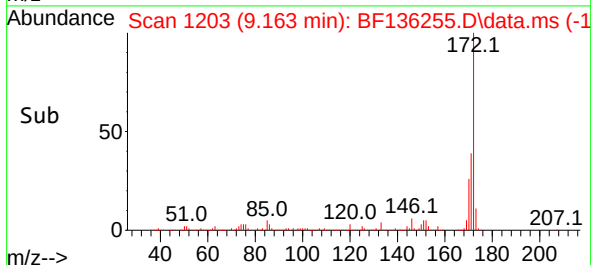
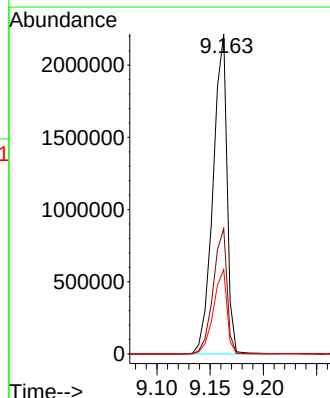
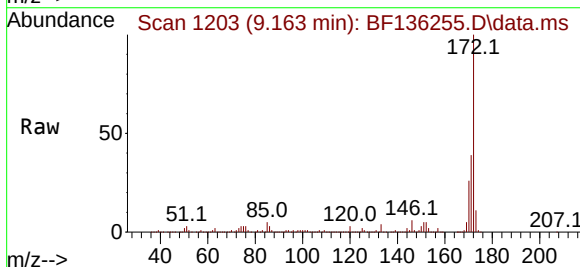
Tgt Ion:172 Resp: 2027571

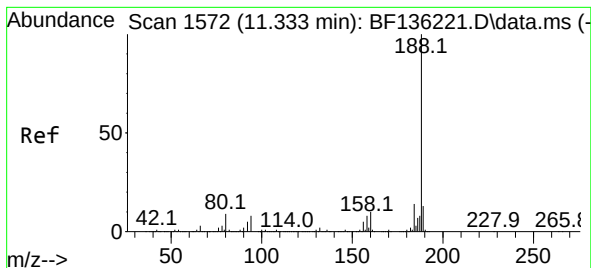
Ion Ratio Lower Upper

172 100

171 39.1 31.5 47.3

170 26.3 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: BF136255.D

Acq: 28 Nov 2023 18:25

Instrument :

BNA_F

ClientSampleId :

TP-10

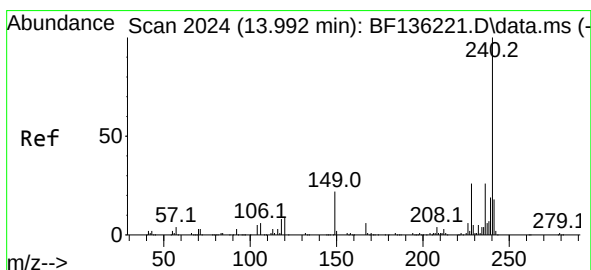
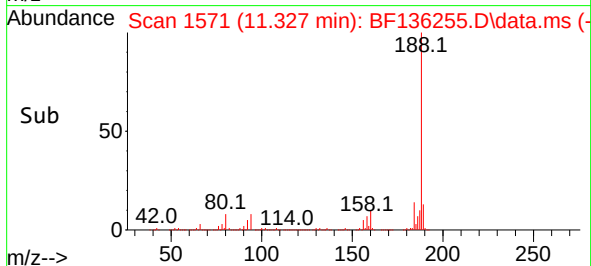
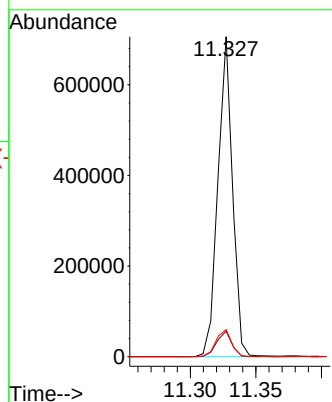
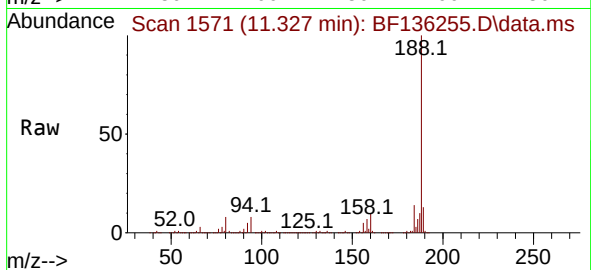
Tgt Ion:188 Resp: 546795

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: BF136255.D

Acq: 28 Nov 2023 18:25

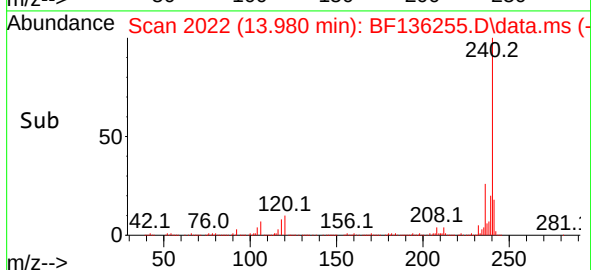
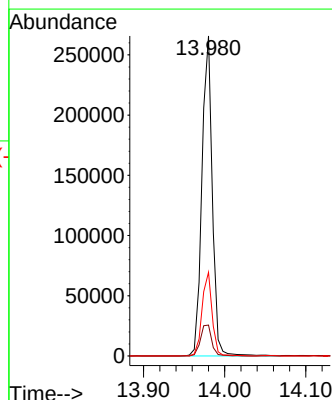
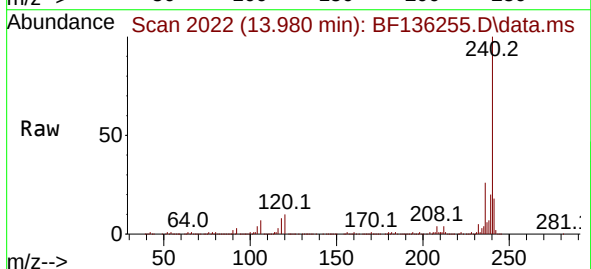
Tgt Ion:240 Resp: 236370

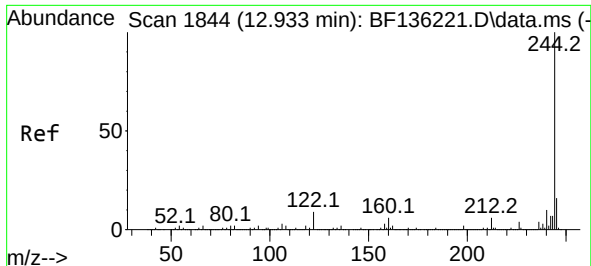
Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.2

236 26.1 21.1 31.7

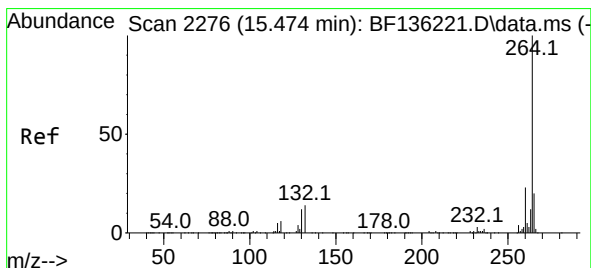
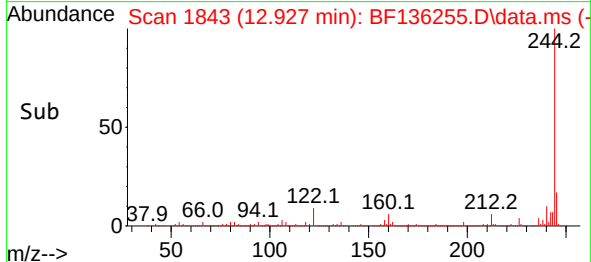
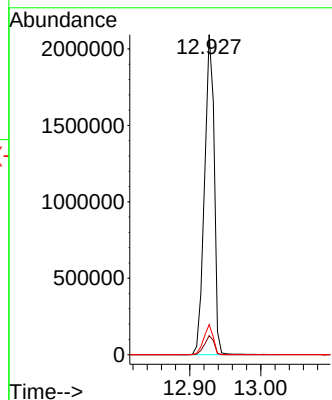
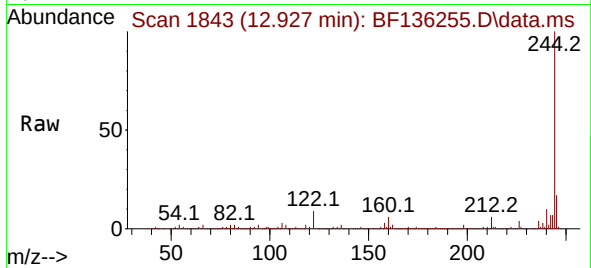




#79
 Terphenyl-d14
 Concen: 96.889 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136255.D
 Acq: 28 Nov 2023 18:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tgt Ion:244 Resp: 1985428
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.4 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: BF136255.D
 Acq: 28 Nov 2023 18:25

Tgt Ion:264 Resp: 259724
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 20.9 15.7 23.5

