

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136231.D
 Acq On : 27 Nov 2023 19:57
 Operator : CG\JU
 Sample : 05468-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Nov 28 04:10:30 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	119034	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	505666	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	256642	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	464691	20.000	ng	0.00
76) Chrysene-d12	13.980	240	232855	20.000	ng	-0.01
86) Perylene-d12	15.463	264	205506	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1140571	133.366	ng	0.01
7) Phenol-d6	6.440	99	1313446	122.828	ng	0.00
23) Nitrobenzene-d5	7.363	82	947893	99.057	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	468366	149.272	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1980331	98.561	ng	0.00
79) Terphenyl-d14	12.933	244	2045168	101.311	ng	0.00

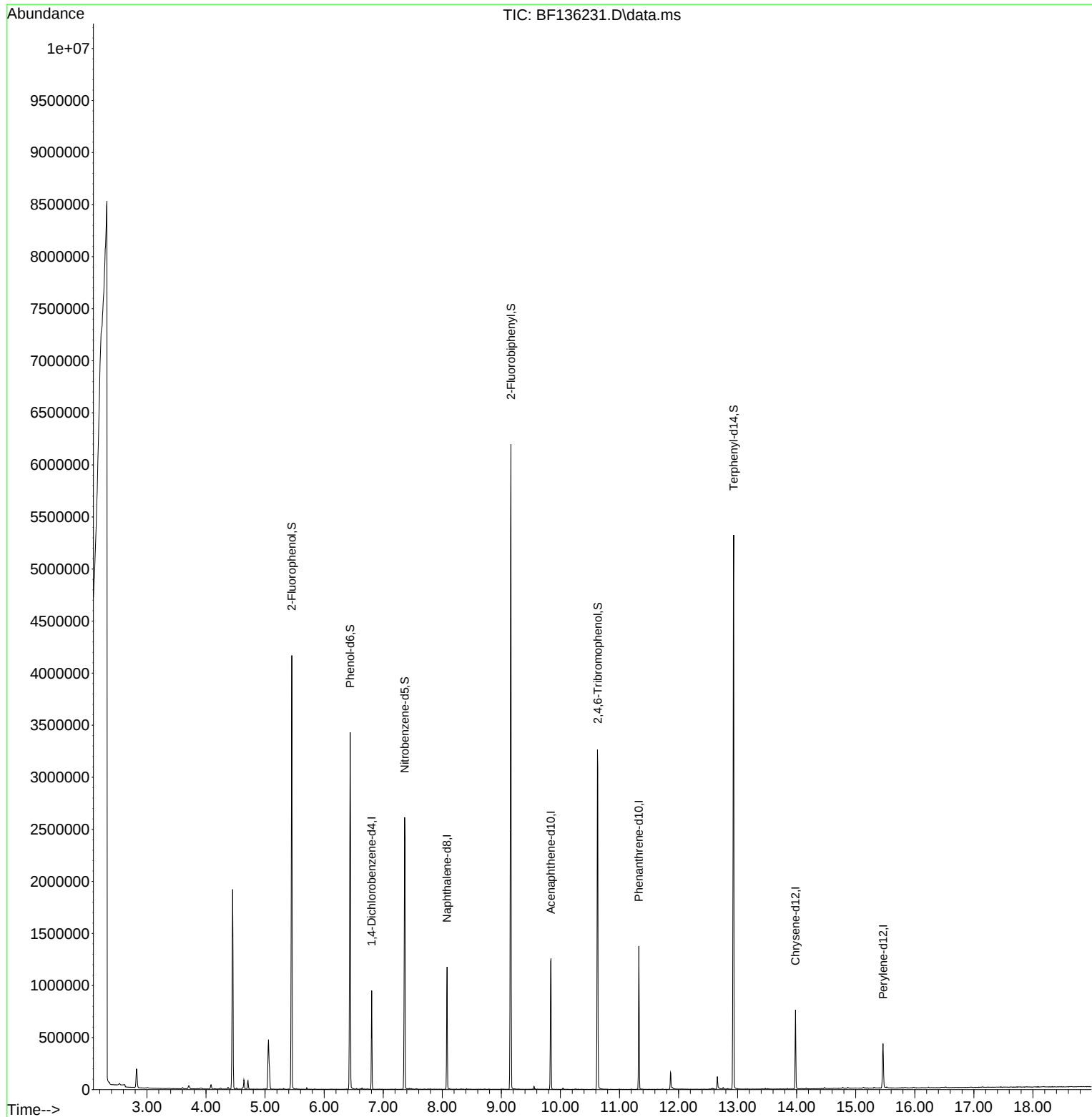
Target Compounds	Qvalue

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

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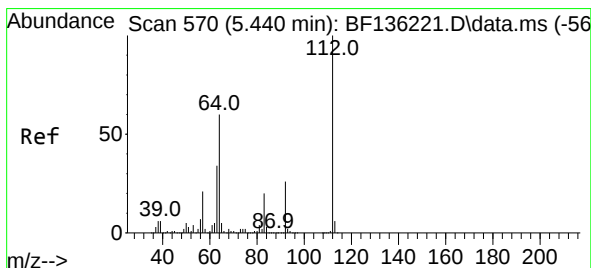
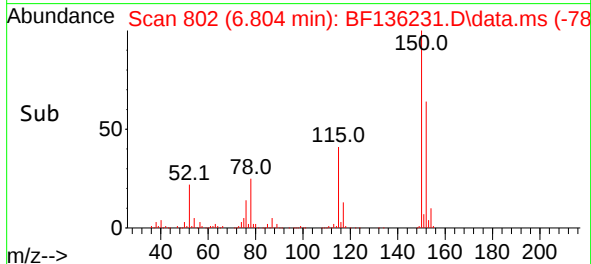
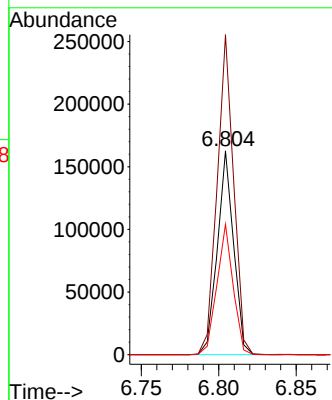
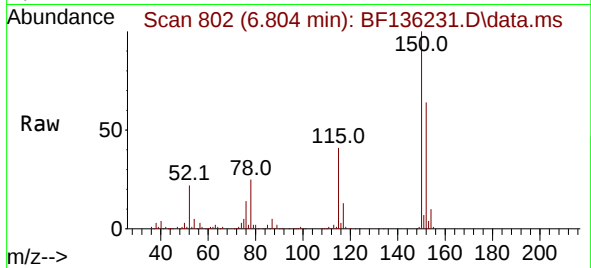




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136231.D
Acq: 27 Nov 2023 19:57

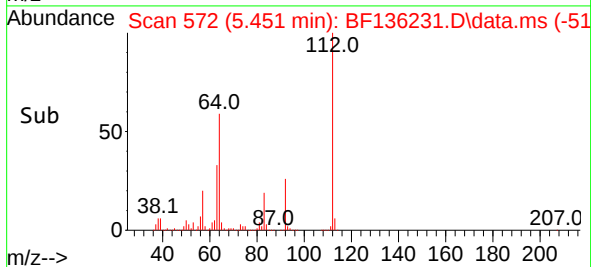
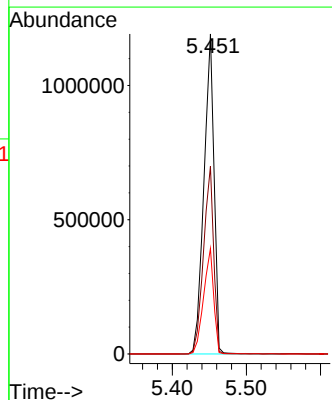
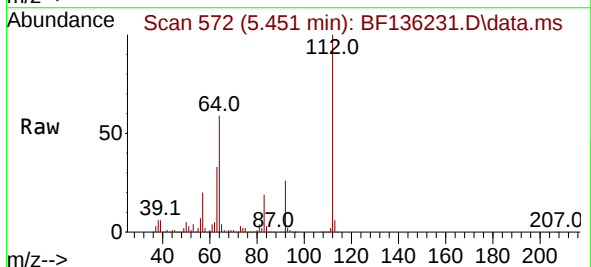
Instrument :
BNA_F
ClientSampleId :
TP-11

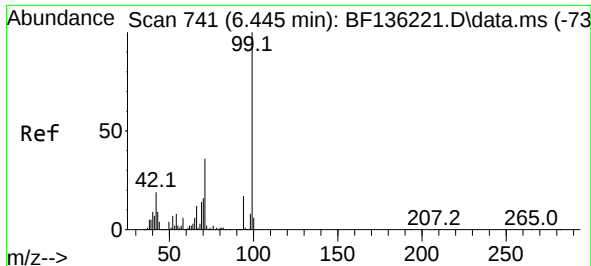
Tgt Ion:152 Resp: 119034
Ion Ratio Lower Upper
152 100
150 156.9 137.8 206.8
115 64.0 52.7 79.1



#5
2-Fluorophenol
Concen: 133.366 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136231.D
Acq: 27 Nov 2023 19:57

Tgt Ion:112 Resp: 1140571
Ion Ratio Lower Upper
112 100
64 58.7 48.2 72.4
63 32.9 27.0 40.6

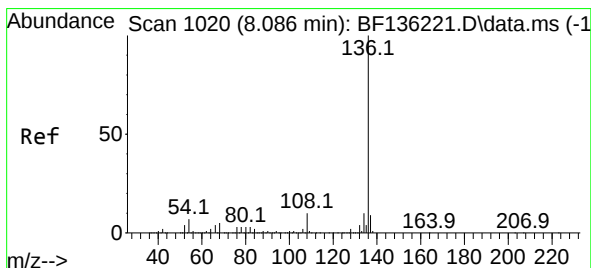
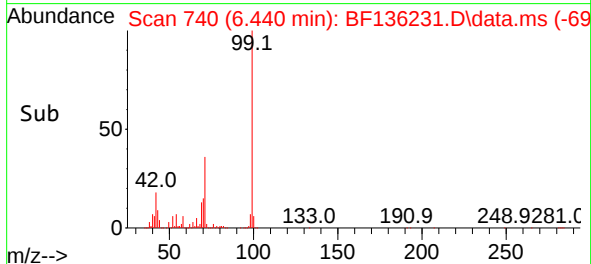
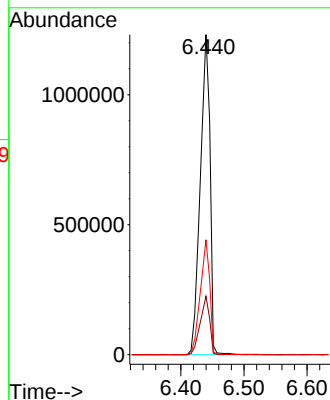
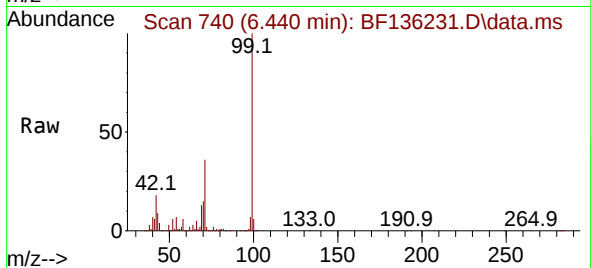




#7
Phenol-d6
Concen: 122.828 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136231.D
Acq: 27 Nov 2023 19:57

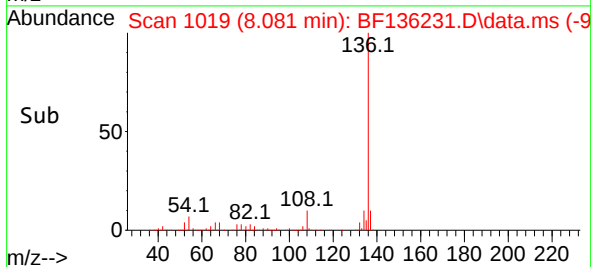
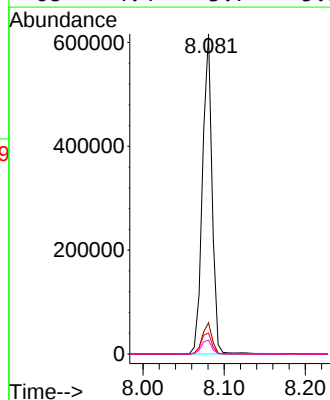
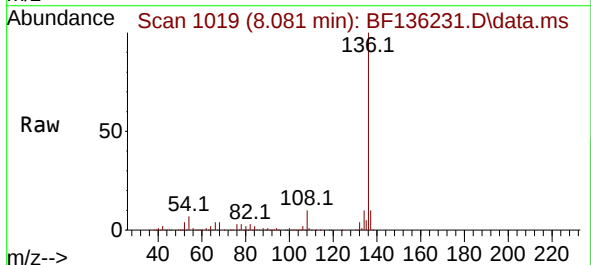
Instrument :
BNA_F
ClientSampleId :
TP-11

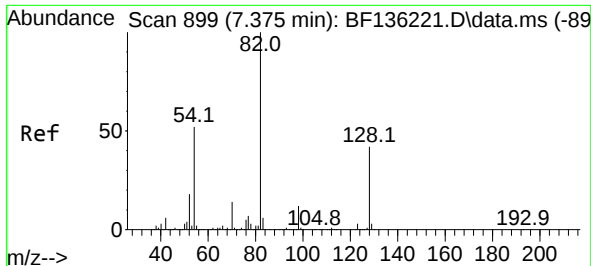
Tgt Ion: 99 Resp: 1313446
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 35.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136231.D
Acq: 27 Nov 2023 19:57

Tgt Ion:136 Resp: 505666
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 6.5 5.5 8.3
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 99.057 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136231.D

Acq: 27 Nov 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TP-11

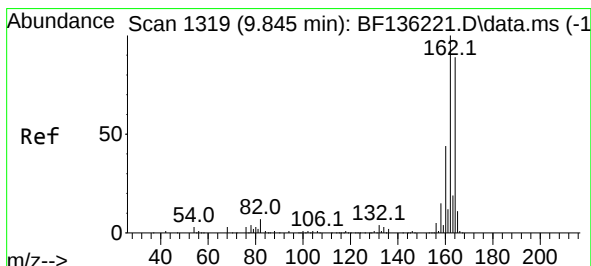
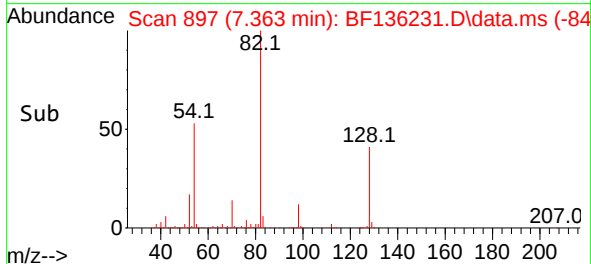
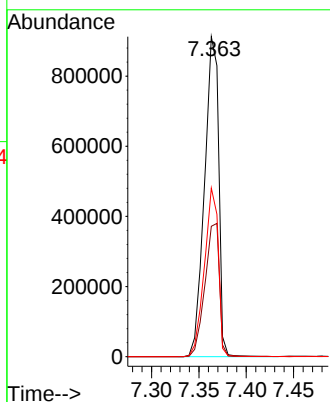
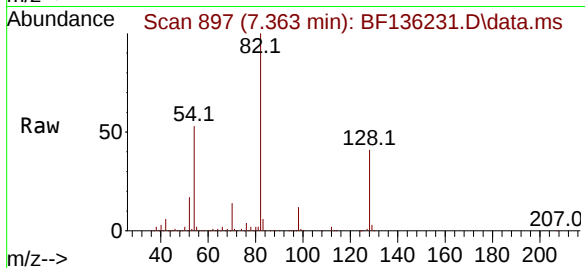
Tgt Ion: 82 Resp: 947893

Ion Ratio Lower Upper

82 100

128 40.7 33.4 50.2

54 52.7 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: BF136231.D

Acq: 27 Nov 2023 19:57

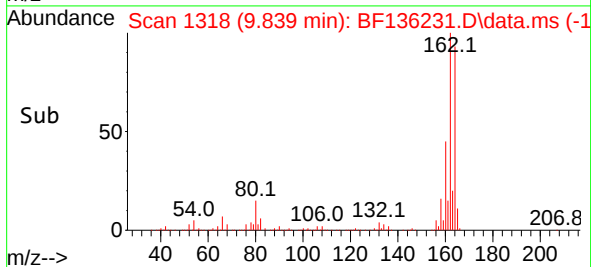
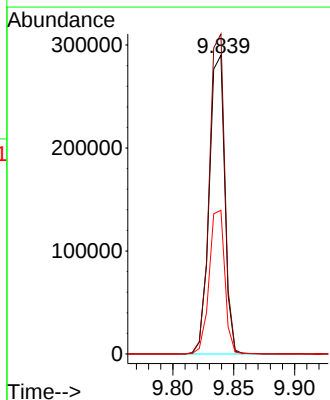
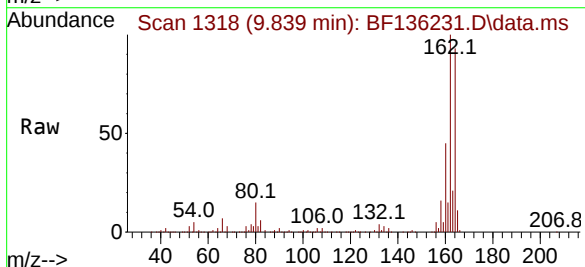
Tgt Ion: 164 Resp: 256642

Ion Ratio Lower Upper

164 100

162 107.1 89.5 134.3

160 48.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 149.272 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136231.D

Acq: 27 Nov 2023 19:57

Instrument :

BNA_F

ClientSampleId :

TP-11

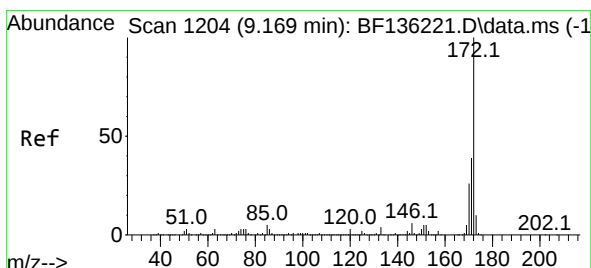
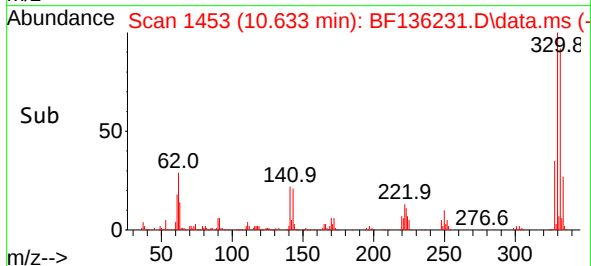
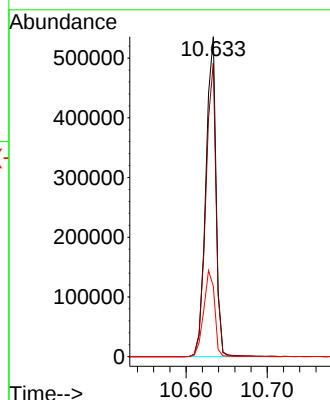
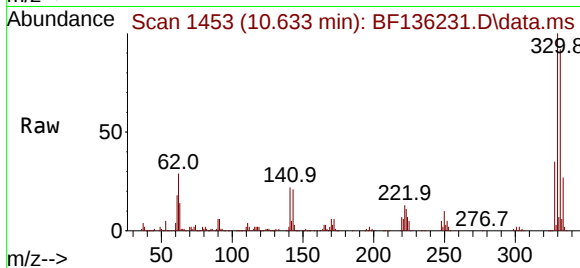
Tgt Ion:330 Resp: 468366

Ion Ratio Lower Upper

330 100

332 92.0 73.0 109.6

141 29.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 98.561 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136231.D

Acq: 27 Nov 2023 19:57

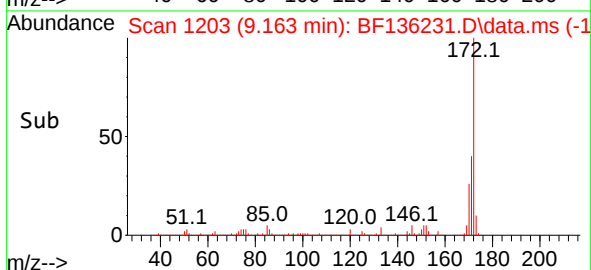
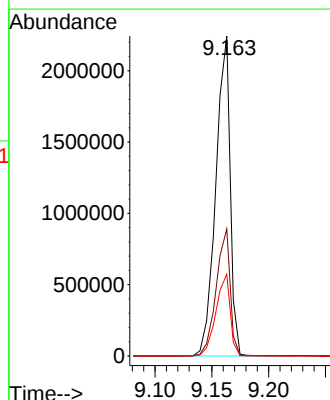
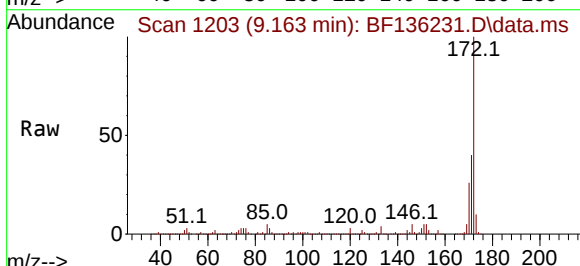
Tgt Ion:172 Resp: 1980331

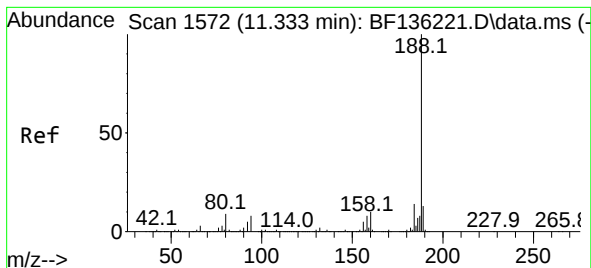
Ion Ratio Lower Upper

172 100

171 39.7 31.5 47.3

170 25.5 20.8 31.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF136231.D

Acq: 27 Nov 2023 19:57

Instrument :

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ClientSampleId :

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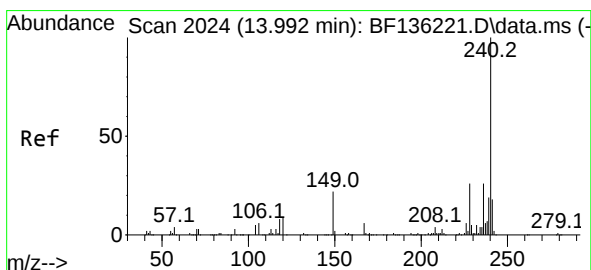
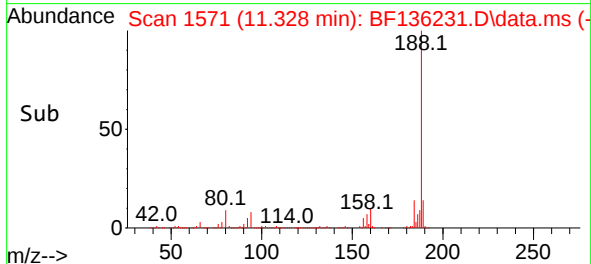
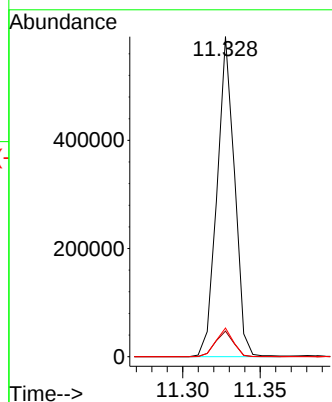
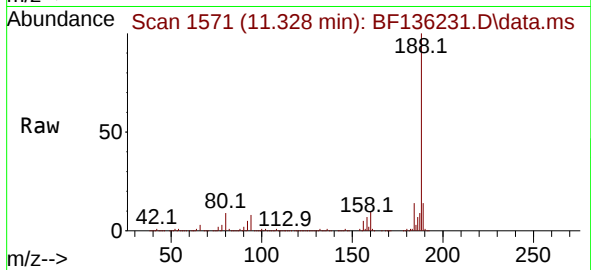
Tgt Ion:188 Resp: 464691

Ion Ratio Lower Upper

188 100

94 8.0 6.7 10.1

80 9.0 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: BF136231.D

Acq: 27 Nov 2023 19:57

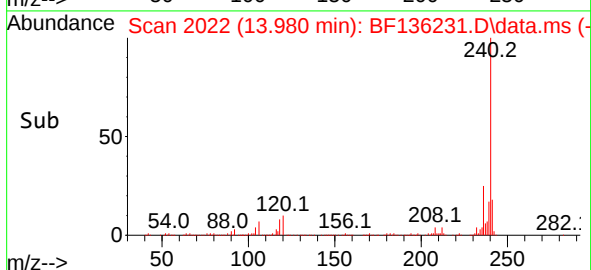
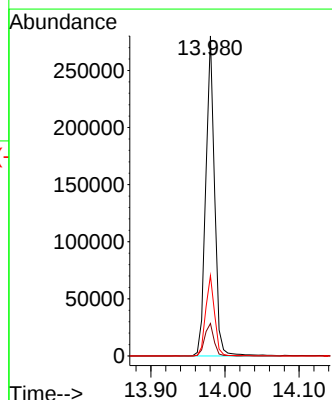
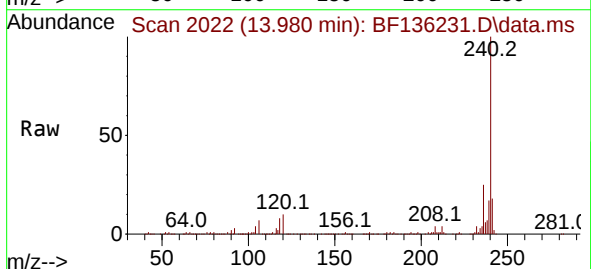
Tgt Ion:240 Resp: 232855

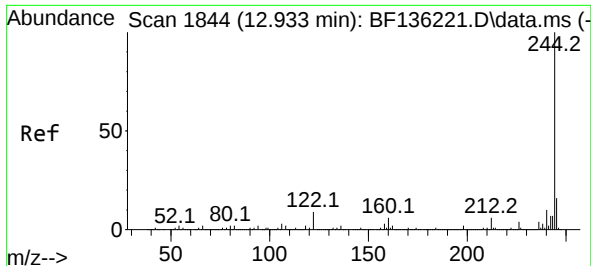
Ion Ratio Lower Upper

240 100

120 10.2 7.4 11.2

236 25.1 21.1 31.7

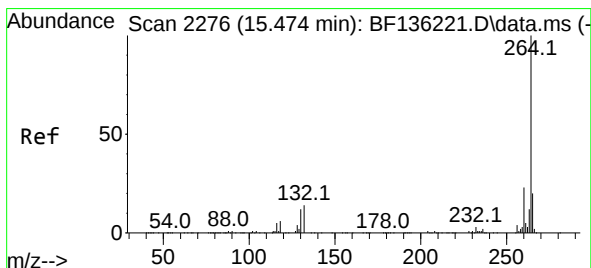
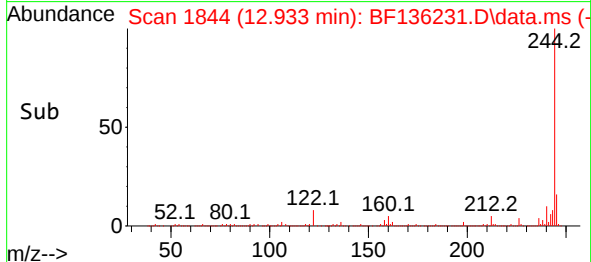
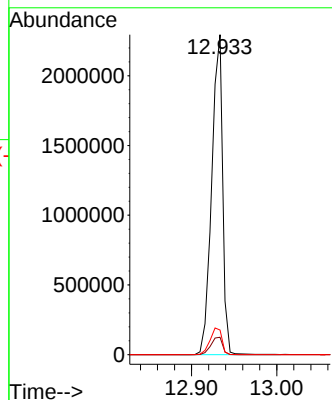
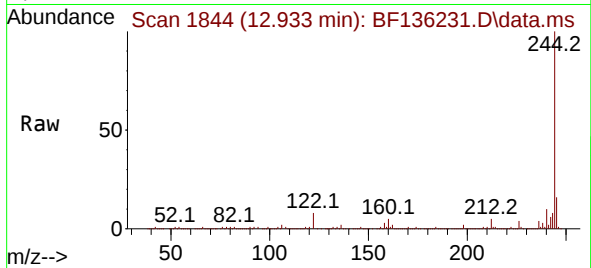




#79
 Terphenyl-d14
 Concen: 101.311 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF136231.D
 Acq: 27 Nov 2023 19:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 2045168
 Ion Ratio Lower Upper
 244 100
 212 5.5 4.6 7.0
 122 7.7 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. -0.011 min
 Lab File: BF136231.D
 Acq: 27 Nov 2023 19:57

Tgt Ion:264 Resp: 205506
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 27.8
 265 20.7 15.7 23.5

