

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136227.D
 Acq On : 27 Nov 2023 17:48
 Operator : CG\JU
 Sample : 05468-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Nov 28 04:09:10 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	116934	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	507724	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	260824	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	467419	20.000	ng	0.00
76) Chrysene-d12	13.980	240	233253	20.000	ng	-0.01
86) Perylene-d12	15.463	264	205158	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1101118	131.065	ng	0.01
7) Phenol-d6	6.440	99	1242519	118.282	ng	0.00
23) Nitrobenzene-d5	7.363	82	917884	95.532	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	437310	137.140	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1860363	91.105	ng	0.00
79) Terphenyl-d14	12.927	244	1707670	84.448	ng	0.00

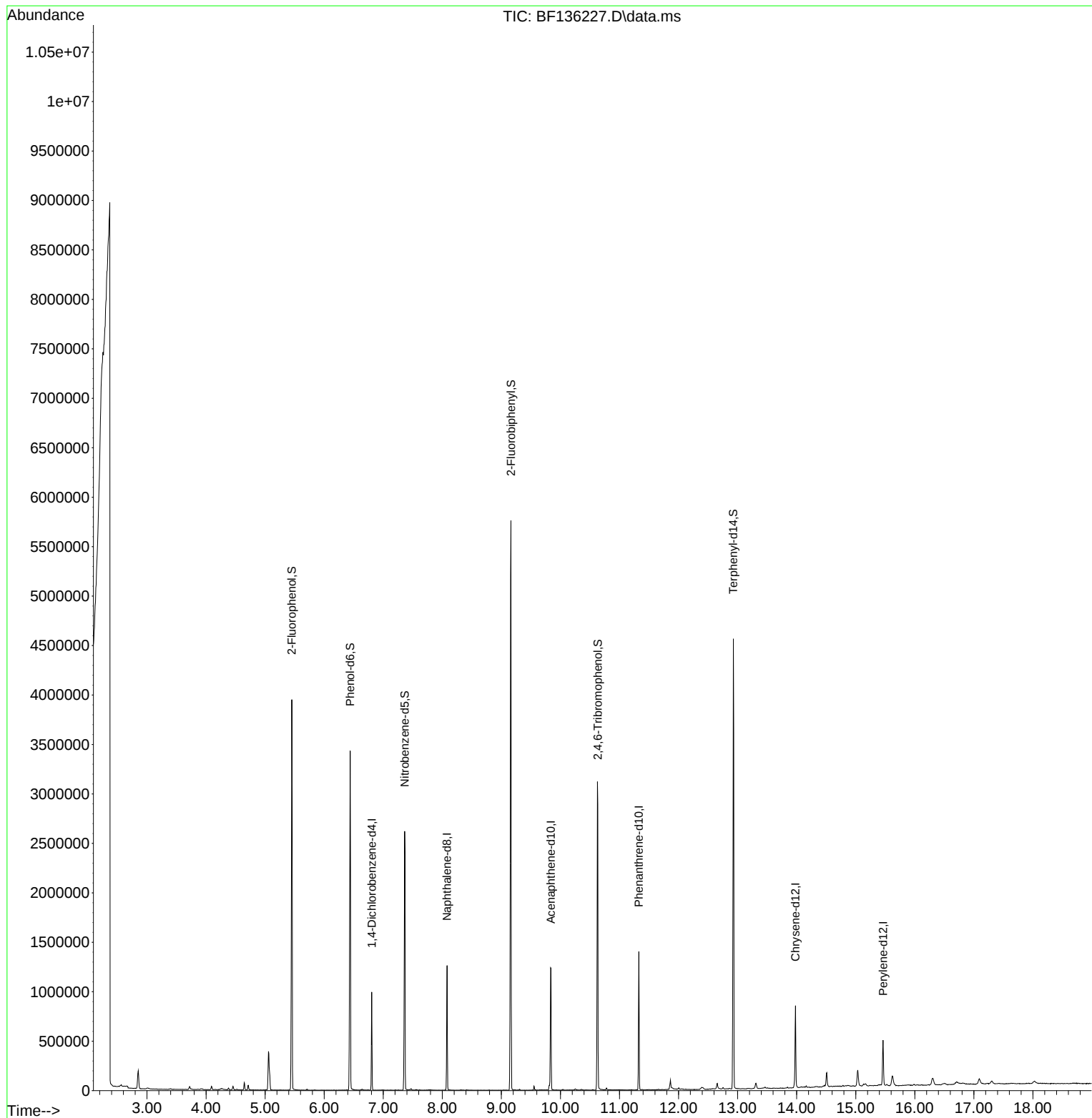
Target Compounds	Qvalue

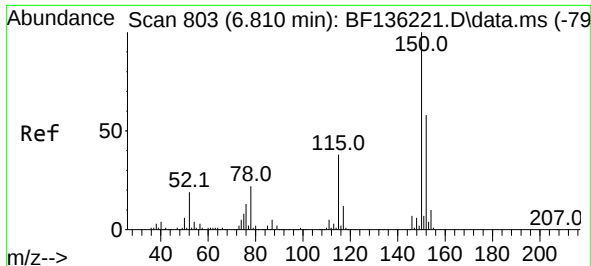
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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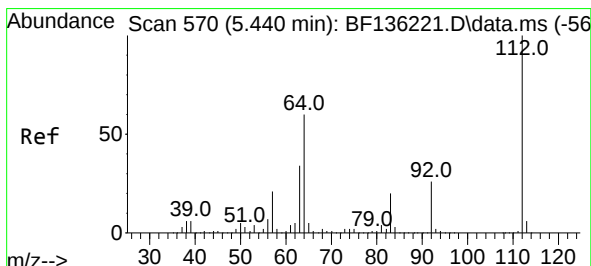
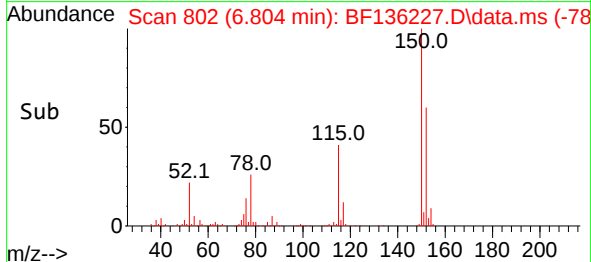
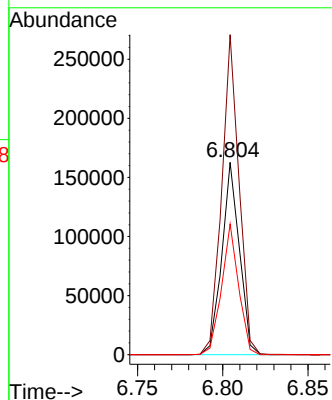
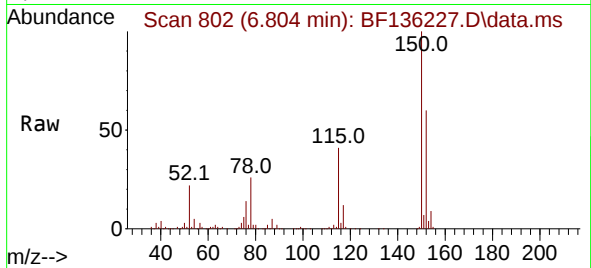




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136227.D
Acq: 27 Nov 2023 17:48

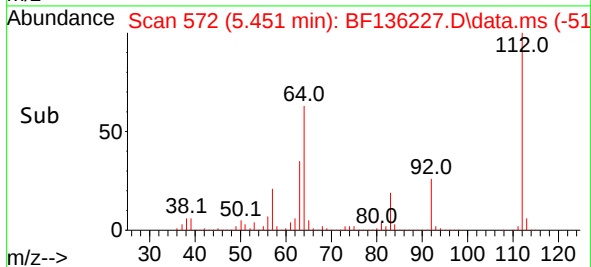
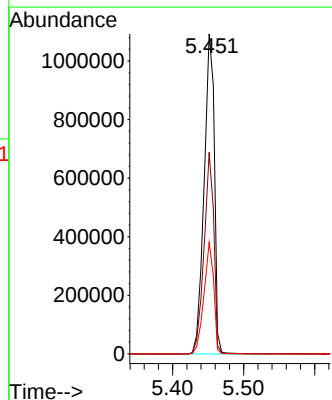
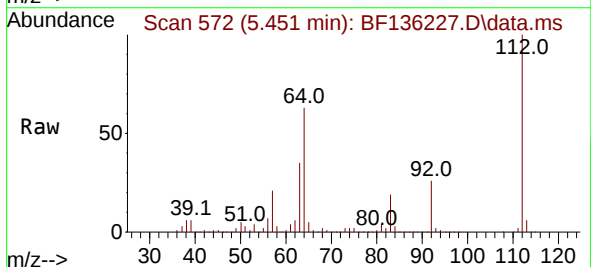
Instrument :
BNA_F
ClientSampleId :
TP-9

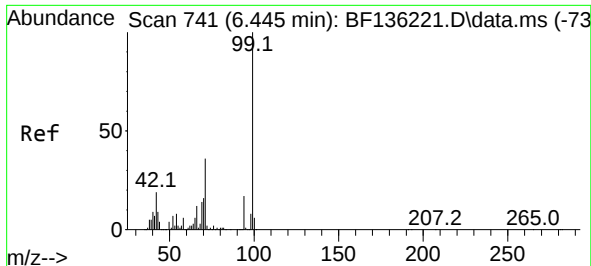
Tgt Ion:152 Resp: 116934
Ion Ratio Lower Upper
152 100
150 166.4 137.8 206.8
115 68.0 52.7 79.1



#5
2-Fluorophenol
Concen: 131.065 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136227.D
Acq: 27 Nov 2023 17:48

Tgt Ion:112 Resp: 1101118
Ion Ratio Lower Upper
112 100
64 63.0 48.2 72.4
63 34.9 27.0 40.6

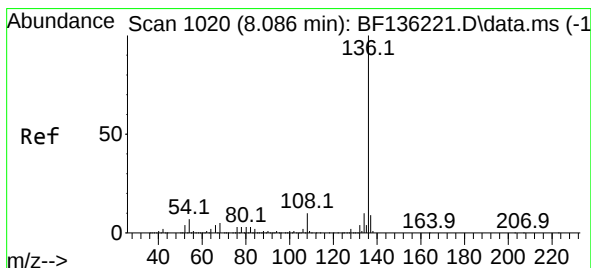
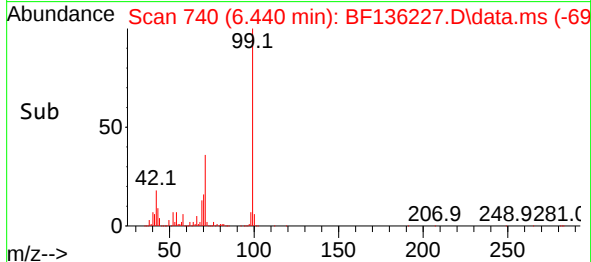
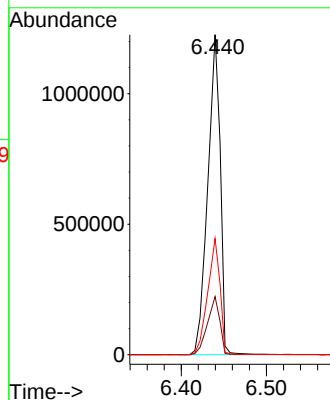
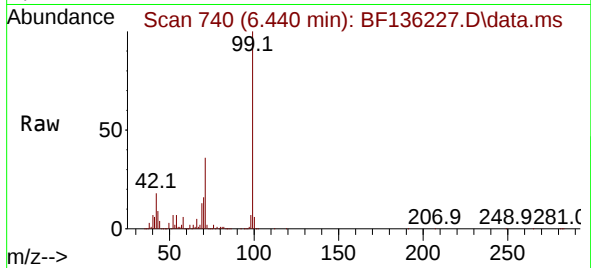




#7
Phenol-d6
Concen: 118.282 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136227.D
Acq: 27 Nov 2023 17:48

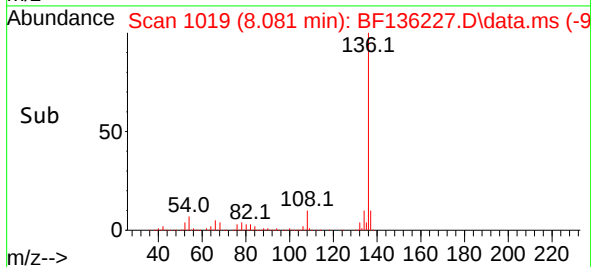
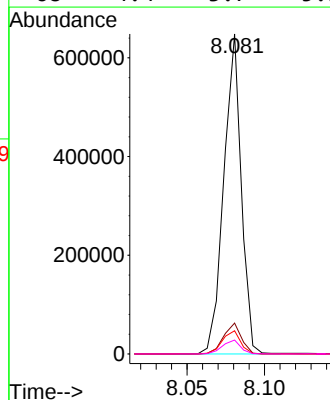
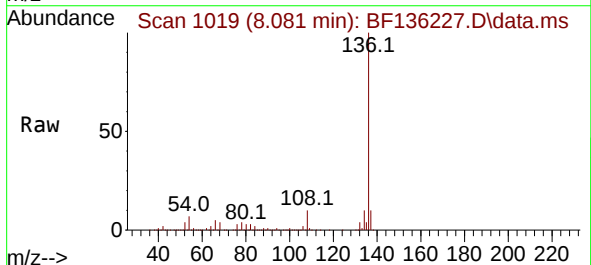
Instrument :
BNA_F
ClientSampleId :
TP-9

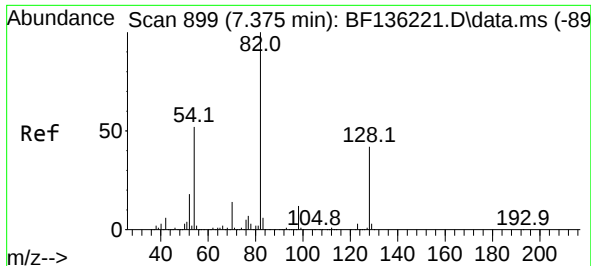
Tgt Ion: 99 Resp: 1242519
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 36.3 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136227.D
Acq: 27 Nov 2023 17:48

Tgt Ion: 136 Resp: 507724
Ion Ratio Lower Upper
136 100
137 9.7 7.4 11.2
54 7.2 5.5 8.3
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 95.532 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136227.D

Acq: 27 Nov 2023 17:48

Instrument :

BNA_F

ClientSampleId :

TP-9

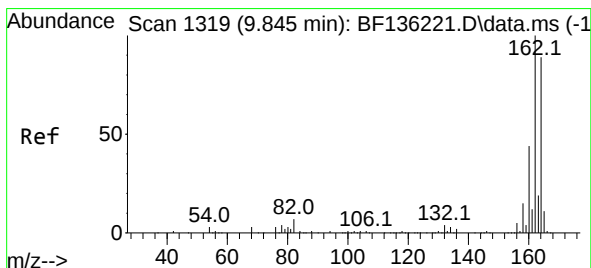
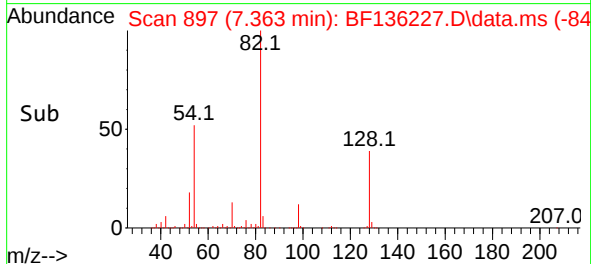
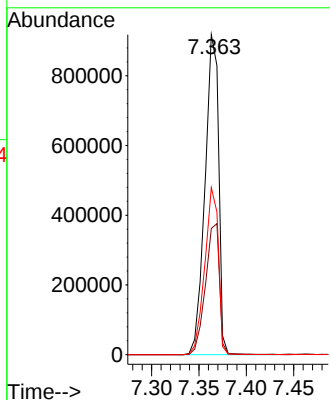
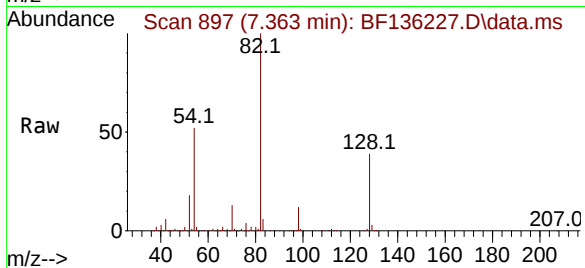
Tgt Ion: 82 Resp: 917884

Ion Ratio Lower Upper

82 100

128 39.4 33.4 50.2

54 52.2 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: BF136227.D

Acq: 27 Nov 2023 17:48

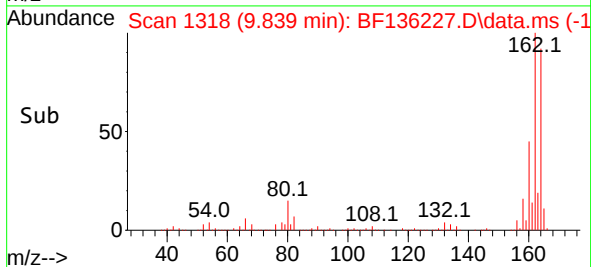
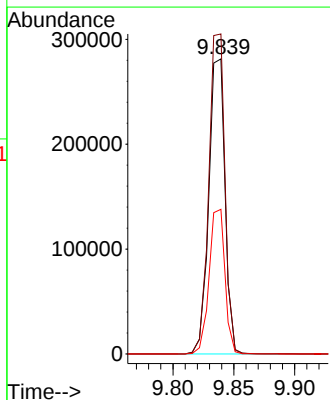
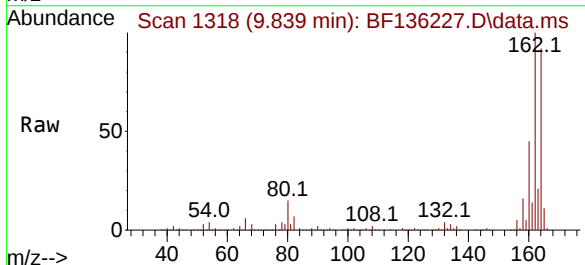
Tgt Ion:164 Resp: 260824

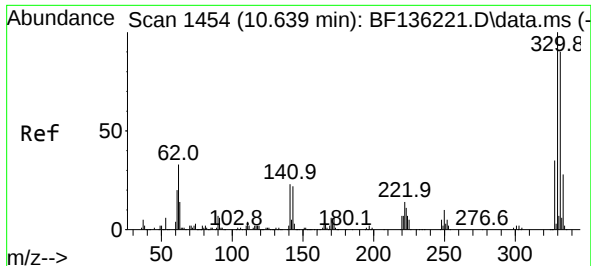
Ion Ratio Lower Upper

164 100

162 108.5 89.5 134.3

160 49.0 39.6 59.4

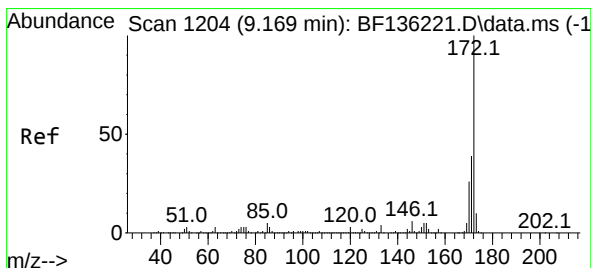
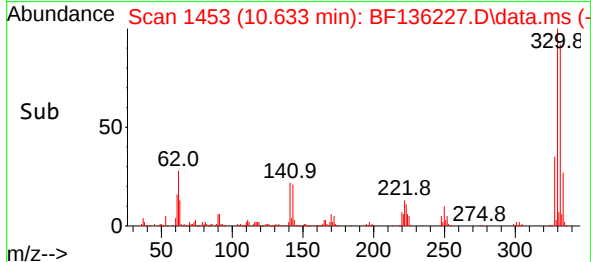
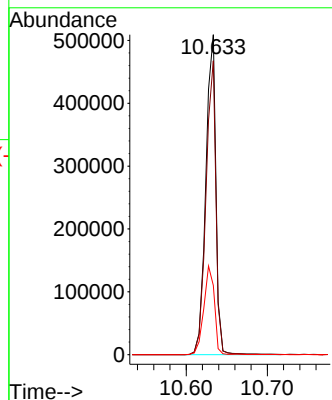
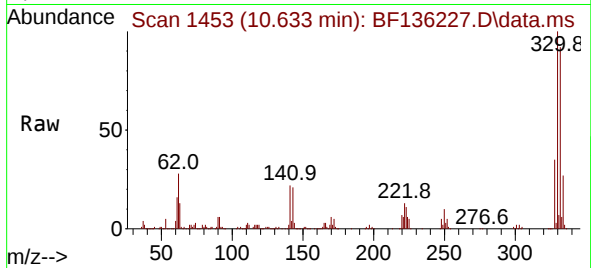




#42
 2,4,6-Tribromophenol
 Concen: 137.140 ng
 RT: 10.633 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF136227.D
 Acq: 27 Nov 2023 17:48

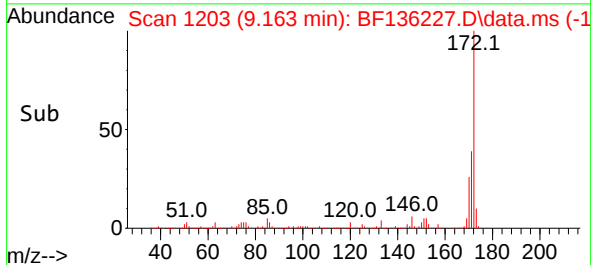
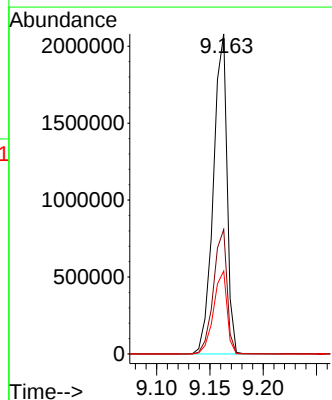
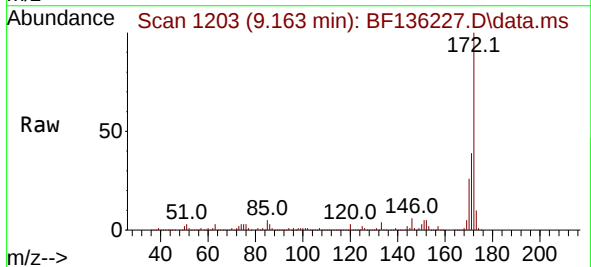
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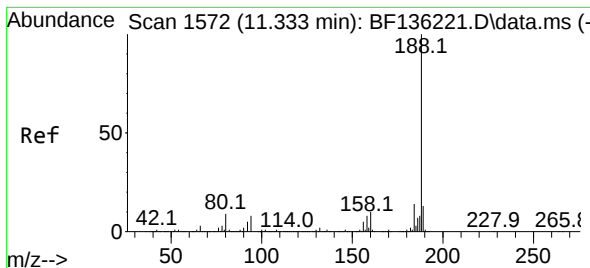
Tgt Ion: 330 Resp: 437310
 Ion Ratio Lower Upper
 330 100
 332 91.0 73.0 109.6
 141 29.2 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 91.105 ng
 RT: 9.163 min Scan# 1203
 Delta R.T. -0.006 min
 Lab File: BF136227.D
 Acq: 27 Nov 2023 17:48

Tgt Ion: 172 Resp: 1860363
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.5 47.3
 170 25.9 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: BF136227.D

Acq: 27 Nov 2023 17:48

Instrument :

BNA_F

ClientSampleId :

TP-9

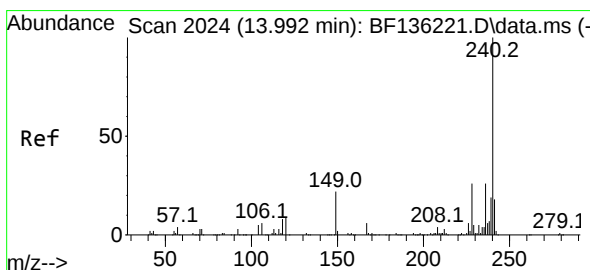
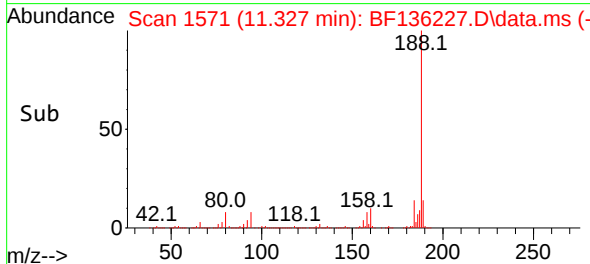
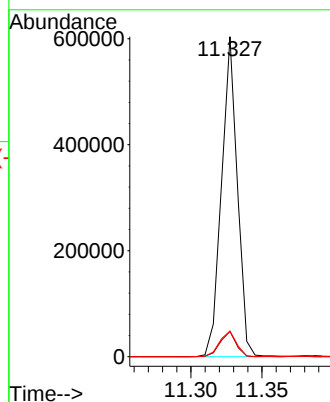
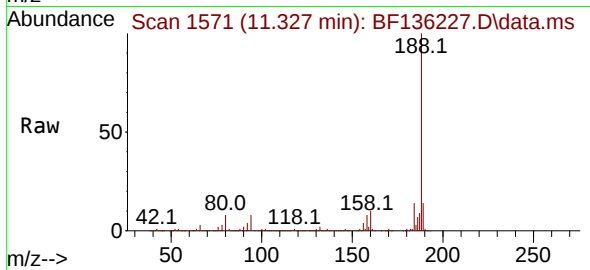
Tgt Ion:188 Resp: 467419

Ion Ratio Lower Upper

188 100

94 7.9 6.7 10.1

80 8.0 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: BF136227.D

Acq: 27 Nov 2023 17:48

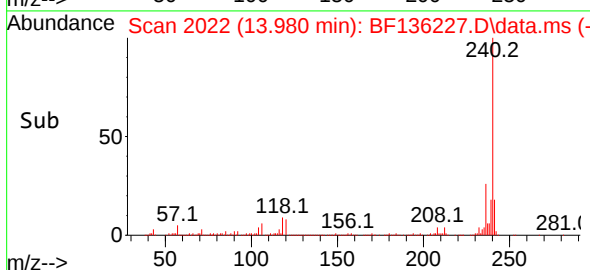
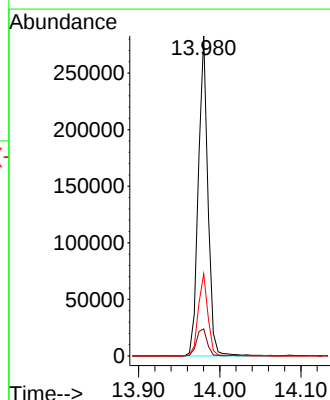
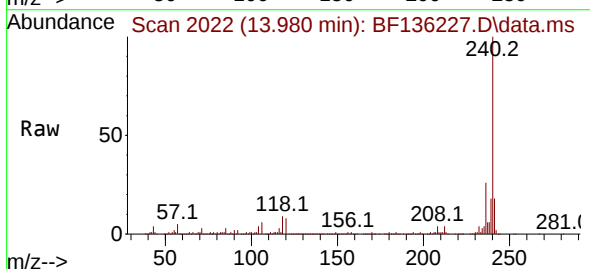
Tgt Ion:240 Resp: 233253

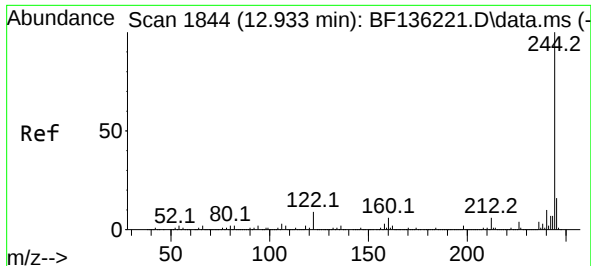
Ion Ratio Lower Upper

240 100

120 8.5 7.4 11.2

236 25.7 21.1 31.7





#79

Terphenyl-d14

Concen: 84.448 ng

RT: 12.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136227.D

Acq: 27 Nov 2023 17:48

Instrument :

BNA_F

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TP-9

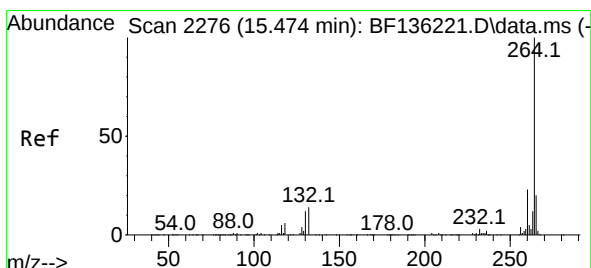
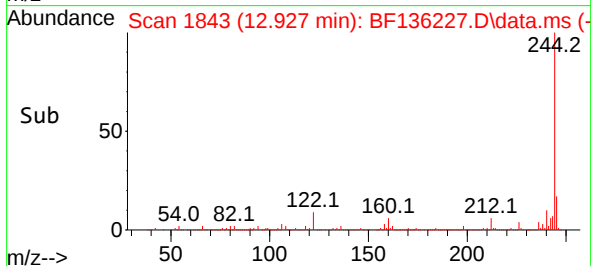
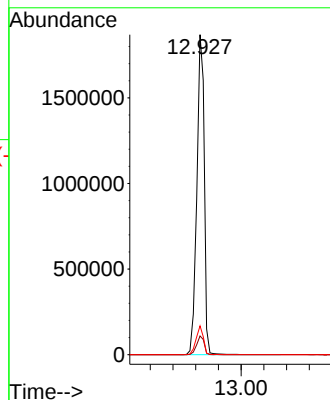
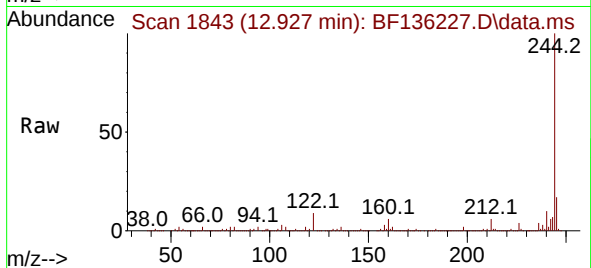
Tgt Ion:244 Resp: 1707670

Ion Ratio Lower Upper

244 100

212 5.8 4.6 7.0

122 9.0 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: BF136227.D

Acq: 27 Nov 2023 17:48

Tgt Ion:264 Resp: 205158

Ion Ratio Lower Upper

264 100

260 24.3 18.6 27.8

265 20.4 15.7 23.5

