

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136211.D
 Acq On : 25 Nov 2023 08:45
 Operator : CG\JU
 Sample : 05412-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Nov 27 02:20:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	118939	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	503331	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	256222	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	467241	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	244499	20.000	ng	0.00
86) Perylene-d12	15.462	264	233056	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1038245	138.990	ng	0.02
7) Phenol-d6	6.439	99	1193661	129.860	ng	0.00
23) Nitrobenzene-d5	7.369	82	850273	94.268	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	387490	144.396	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1764310	101.787	ng	0.00
79) Terphenyl-d14	12.927	244	1919082	111.415	ng	0.00

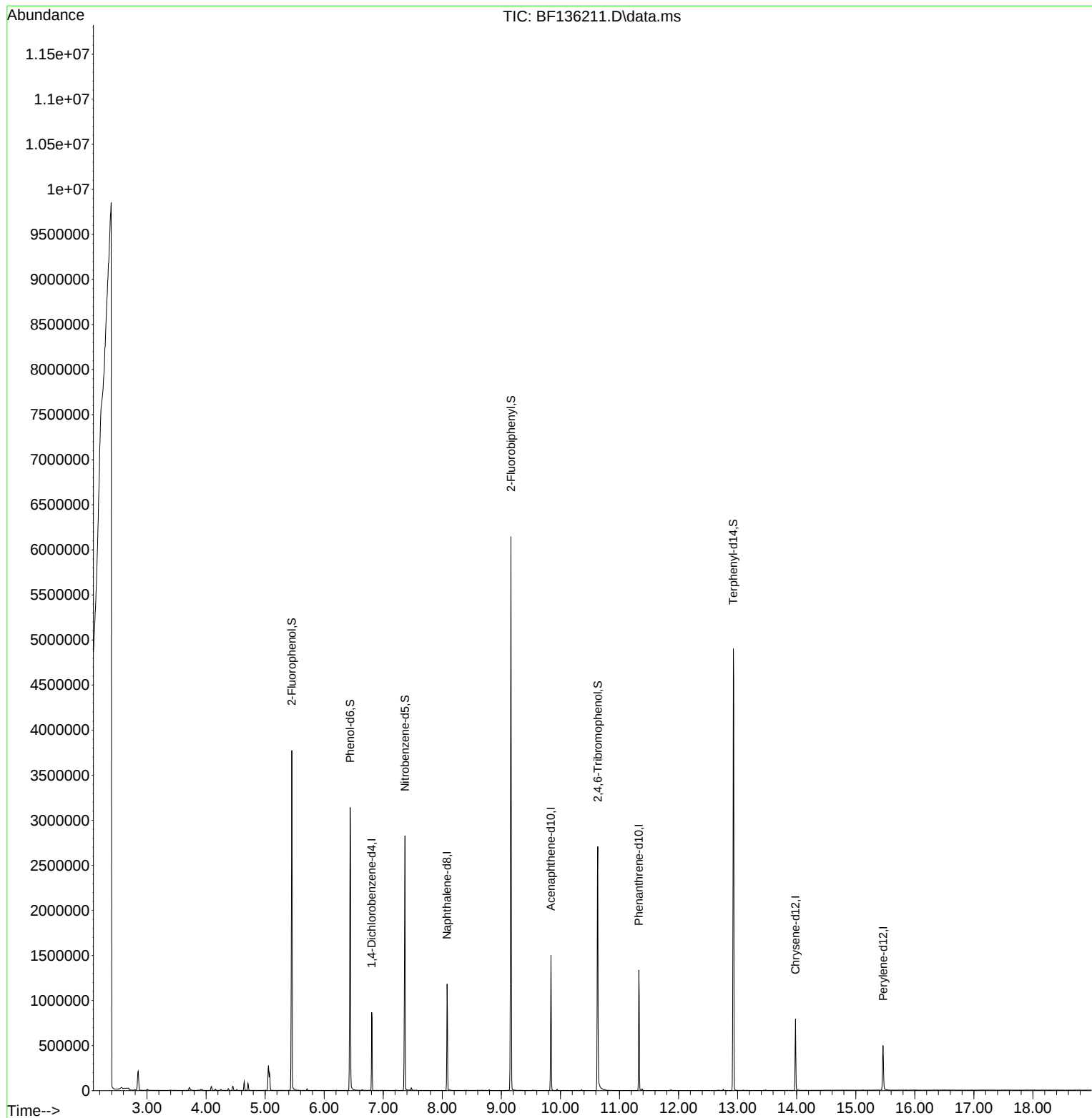
Target Compounds	Qvalue

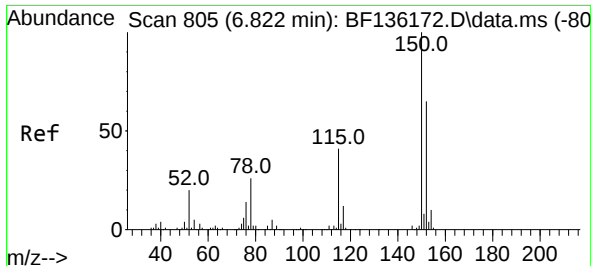
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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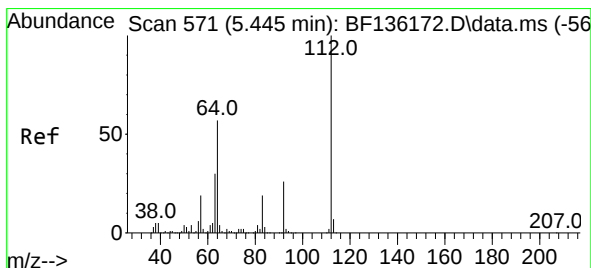
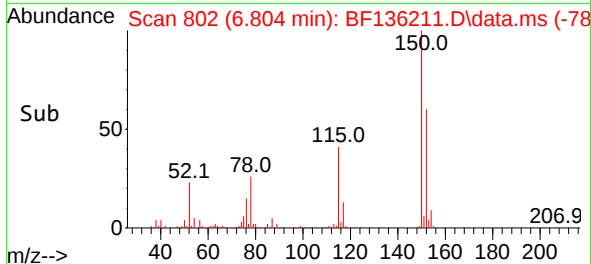
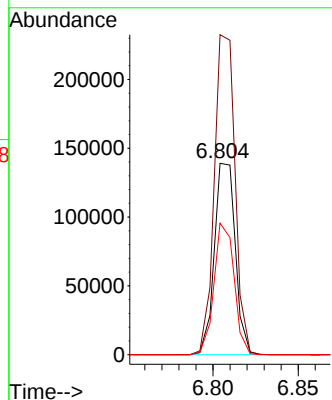
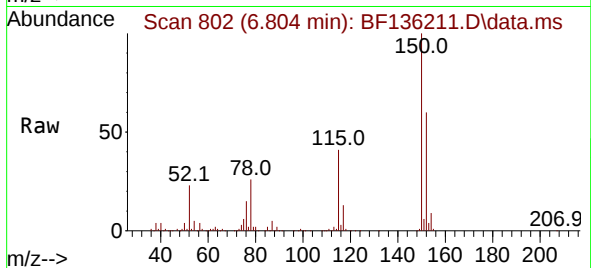




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

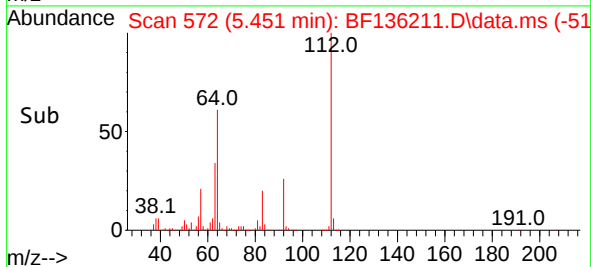
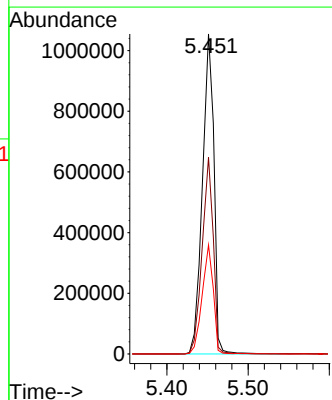
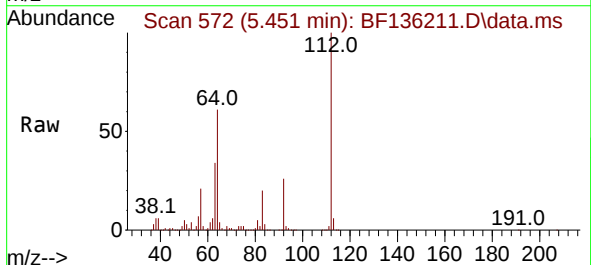
Instrument :
BNA_F
ClientSampleId :
MH-1

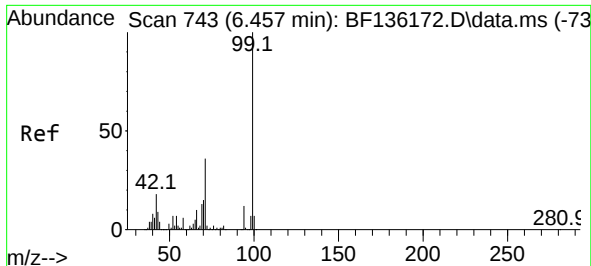
Tgt Ion:152 Resp: 118939
Ion Ratio Lower Upper
152 100
150 167.2 123.1 184.7
115 68.7 50.5 75.7



#5
2-Fluorophenol
Concen: 138.990 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Tgt Ion:112 Resp: 1038245
Ion Ratio Lower Upper
112 100
64 61.5 45.4 68.0
63 34.0 24.4 36.6



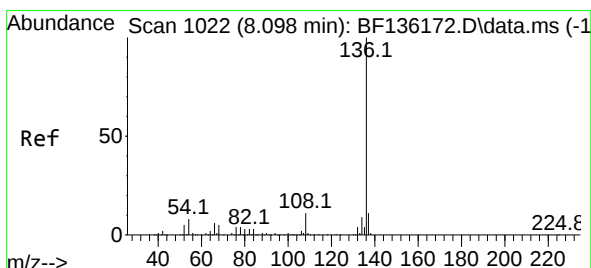
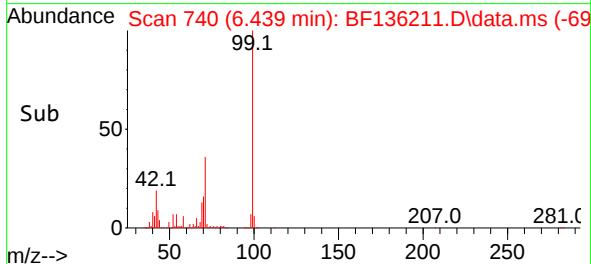
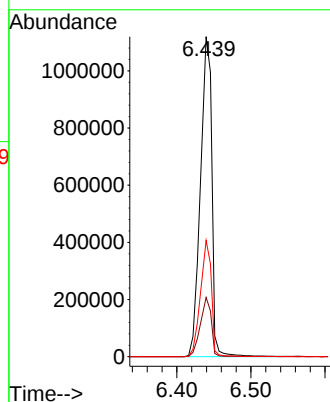
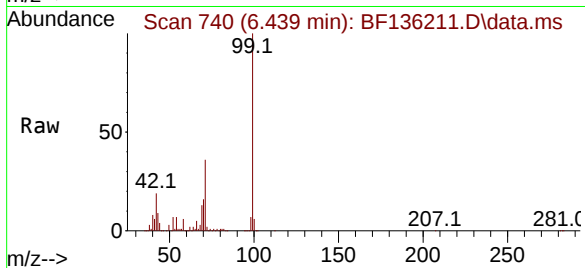


#7
Phenol-d6
Concen: 129.860 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion: 99 Resp: 1193661

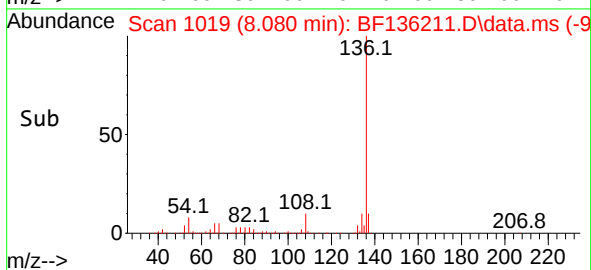
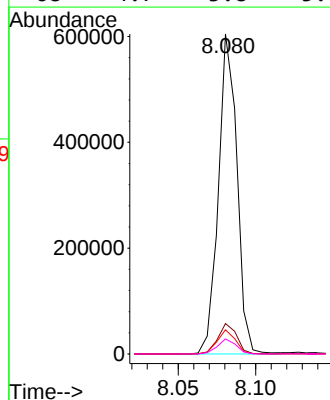
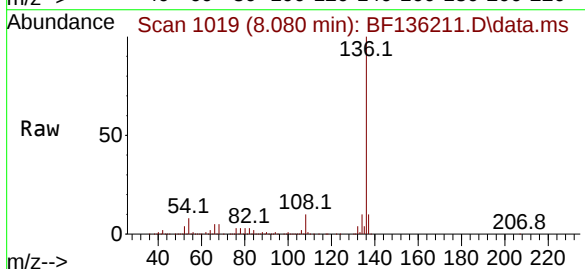
Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	36.4	29.0	43.4

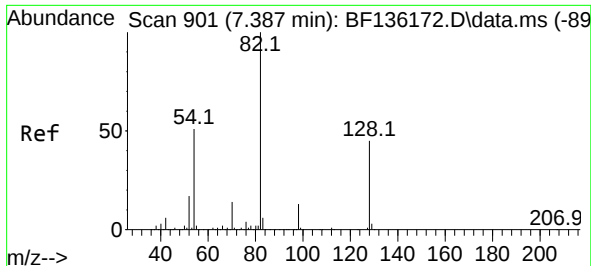


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Tgt Ion: 136 Resp: 503331

Ion	Ratio	Lower	Upper
136	100		
137	9.5	8.6	13.0
54	7.5	6.3	9.5
68	4.7	3.8	5.8





#23

Nitrobenzene-d5

Concen: 94.268 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

Instrument :

BNA_F

ClientSampleId :

MH-1

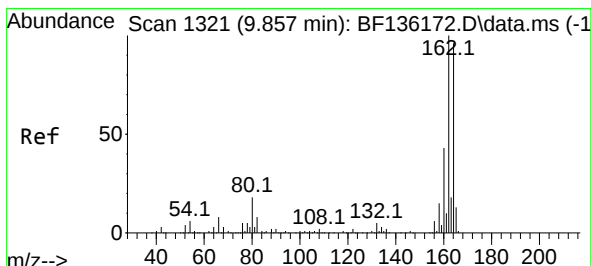
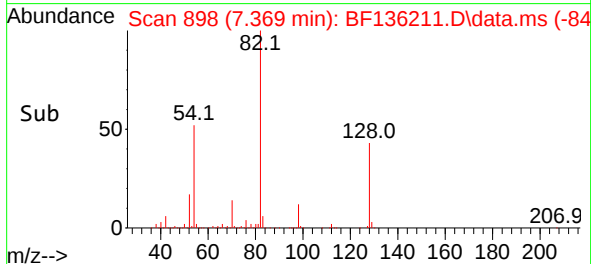
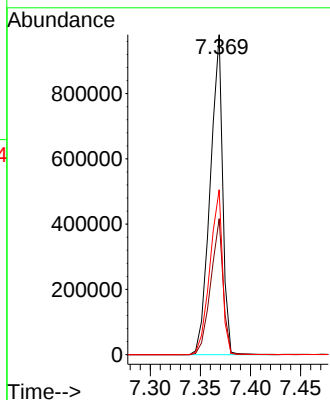
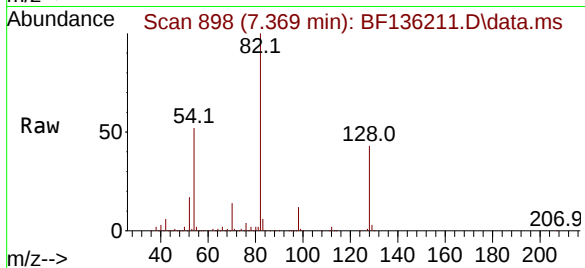
Tgt Ion: 82 Resp: 850273

Ion Ratio Lower Upper

82 100

128 42.5 35.8 53.6

54 51.5 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

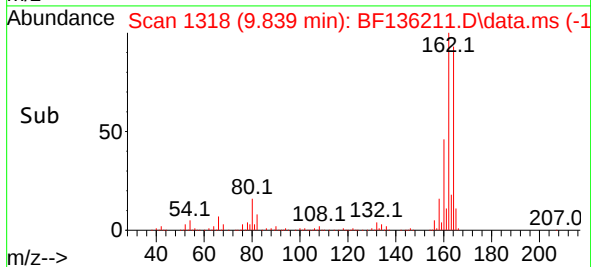
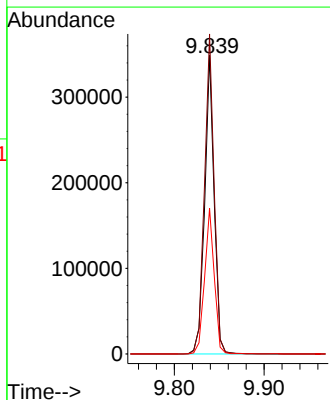
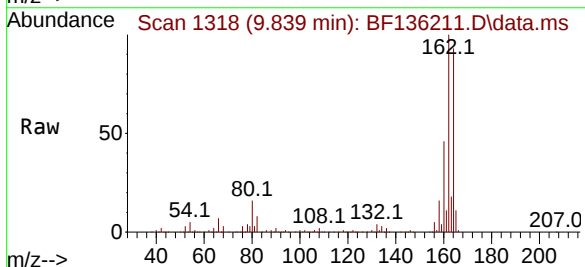
Tgt Ion:164 Resp: 256222

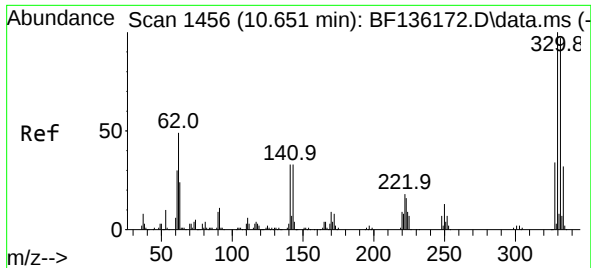
Ion Ratio Lower Upper

164 100

162 107.0 83.2 124.8

160 48.7 35.8 53.8

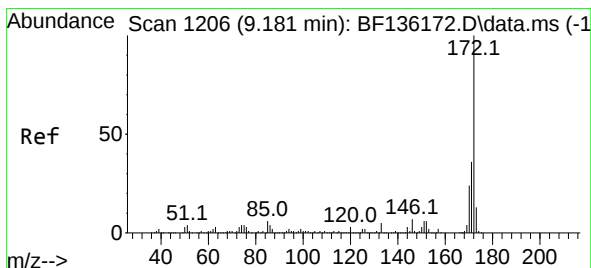
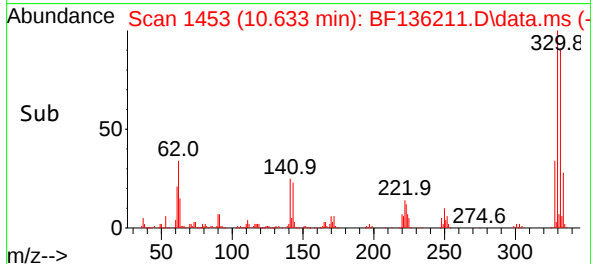
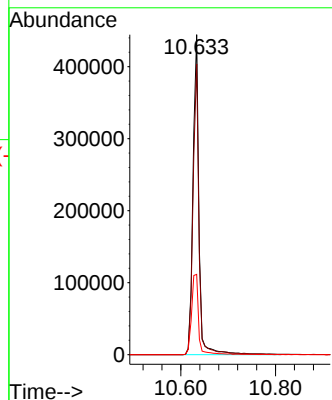
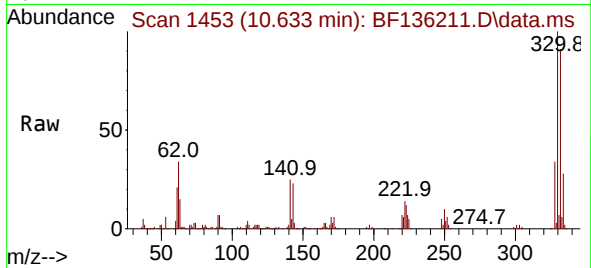




#42
2,4,6-Tribromophenol
Concen: 144.396 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

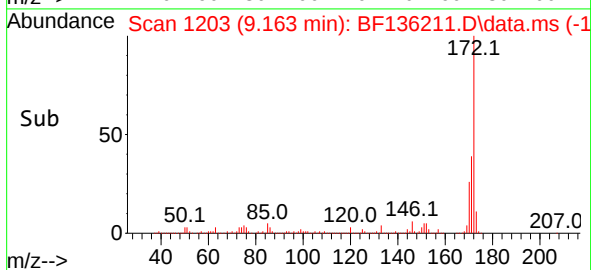
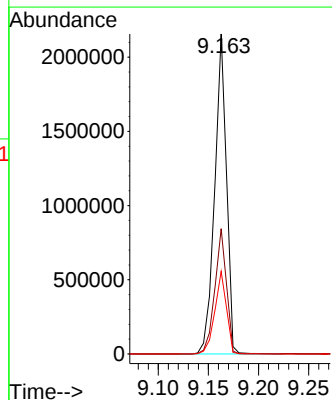
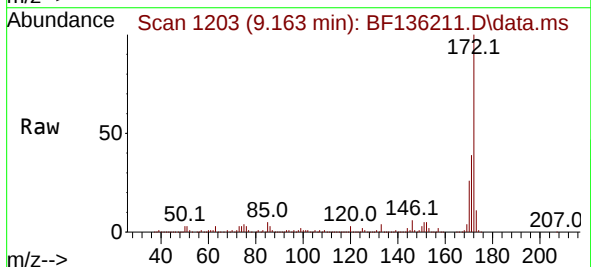
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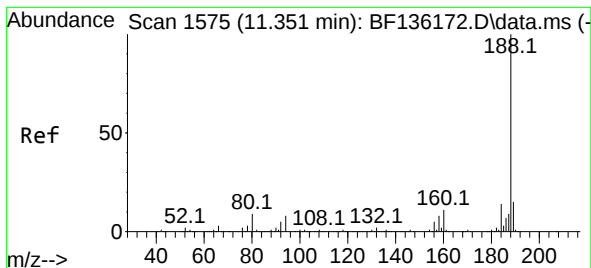
Tgt Ion:330 Resp: 387490
Ion Ratio Lower Upper
330 100
332 90.5 77.6 116.4
141 29.8 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 101.787 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136211.D
Acq: 25 Nov 2023 08:45

Tgt Ion:172 Resp: 1764310
Ion Ratio Lower Upper
172 100
171 39.2 28.9 43.3
170 25.8 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

Instrument :

BNA_F

ClientSampleId :

MH-1

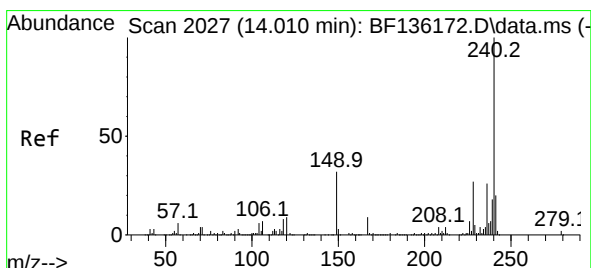
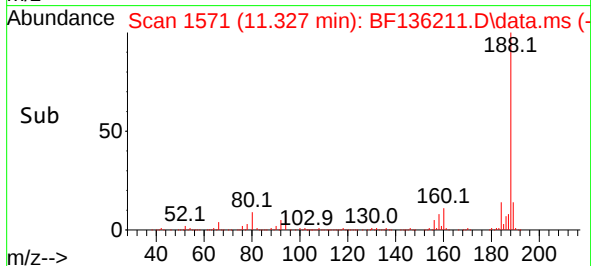
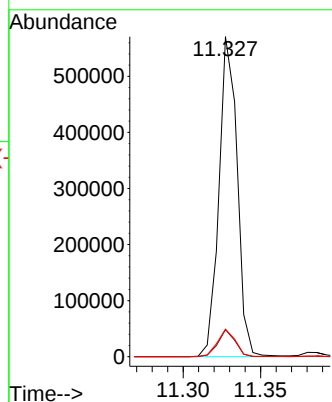
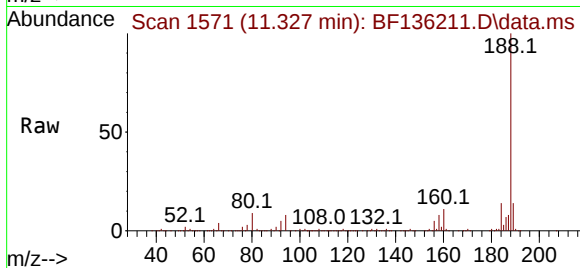
Tgt Ion:188 Resp: 467241

Ion Ratio Lower Upper

188 100

94 8.5 6.6 9.8

80 8.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136211.D

Acq: 25 Nov 2023 08:45

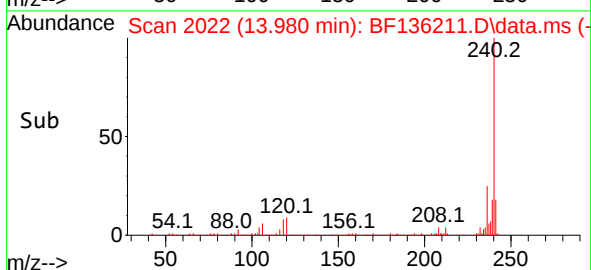
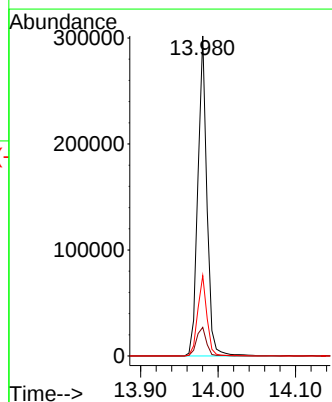
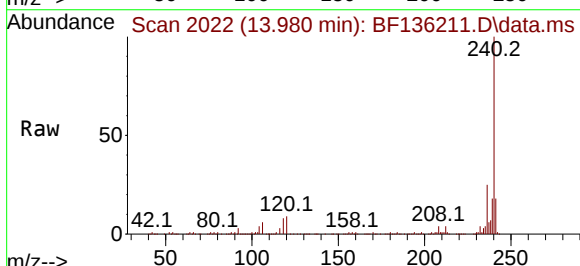
Tgt Ion:240 Resp: 244499

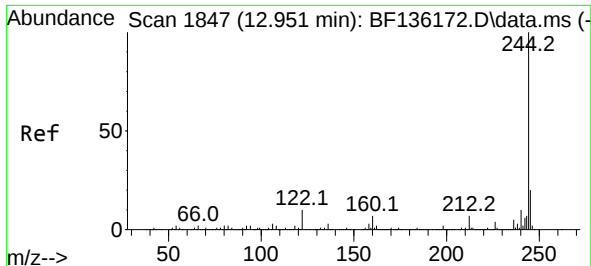
Ion Ratio Lower Upper

240 100

120 8.9 7.1 10.7

236 25.1 20.9 31.3

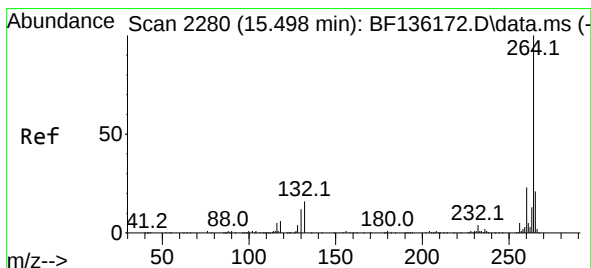
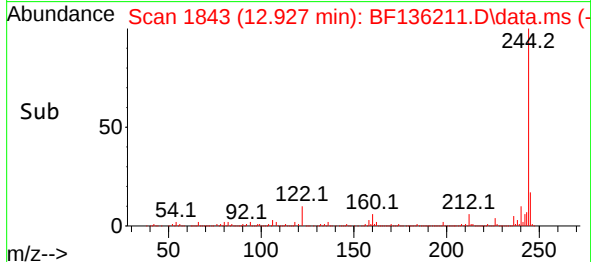
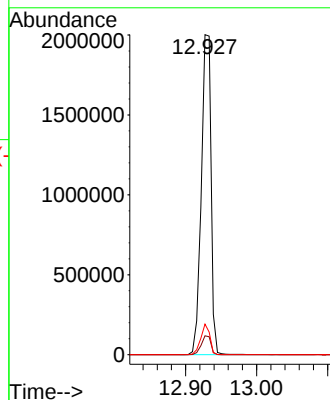
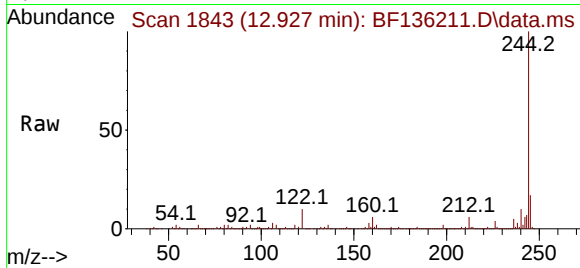




#79
 Terphenyl-d14
 Concen: 111.415 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136211.D
 Acq: 25 Nov 2023 08:45

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Tgt Ion:244 Resp: 1919082
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.4 8.0
 122 9.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.006 min
 Lab File: BF136211.D
 Acq: 25 Nov 2023 08:45

Tgt Ion:264 Resp: 233056
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.5 27.7
 265 19.4 16.9 25.3

