

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136230.D
 Acq On : 27 Nov 2023 19:25
 Operator : CG\JU
 Sample : 05468-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Nov 28 04:10:11 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	116348	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	511672	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	261603	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	477605	20.000	ng	0.00
76) Chrysene-d12	13.980	240	231851	20.000	ng	-0.01
86) Perylene-d12	15.463	264	204798	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1140759	136.467	ng	0.01
7) Phenol-d6	6.440	99	1303681	124.729	ng	0.00
23) Nitrobenzene-d5	7.363	82	934580	96.519	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	461716	144.362	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1944827	94.958	ng	0.00
79) Terphenyl-d14	12.933	244	2057628	102.370	ng	0.00

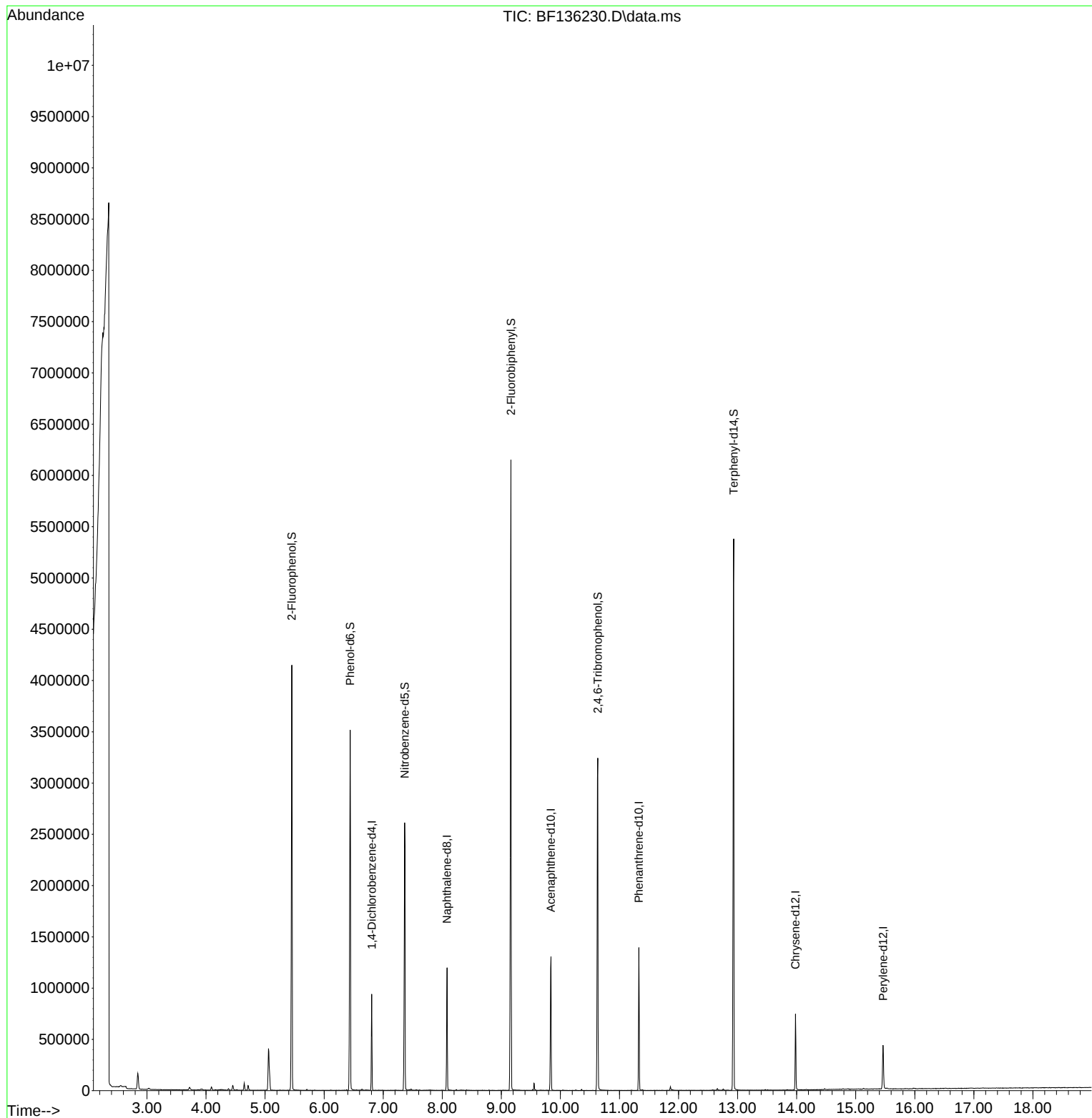
Target Compounds	Qvalue

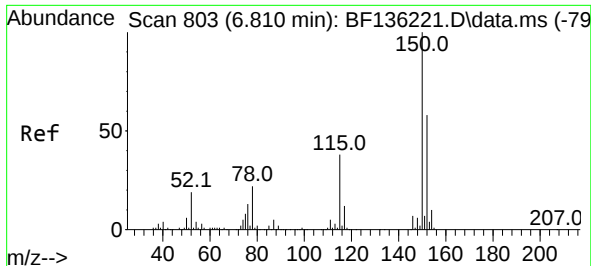
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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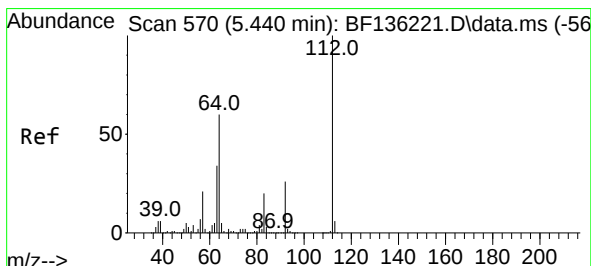
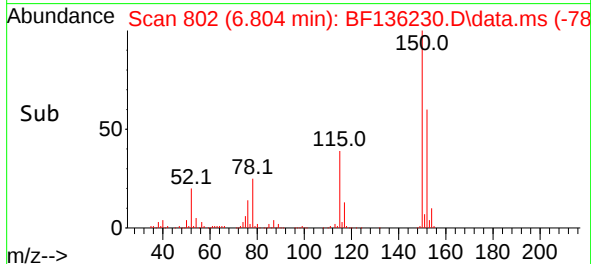
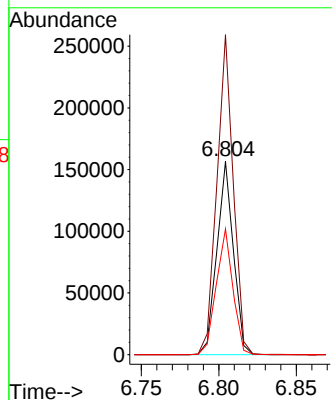
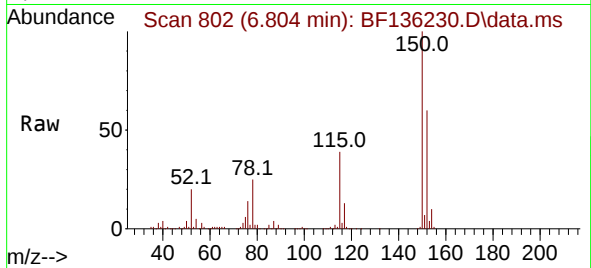




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136230.D
Acq: 27 Nov 2023 19:25

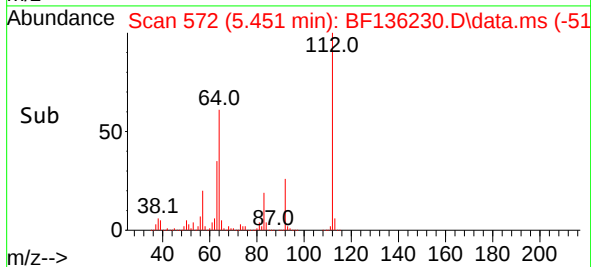
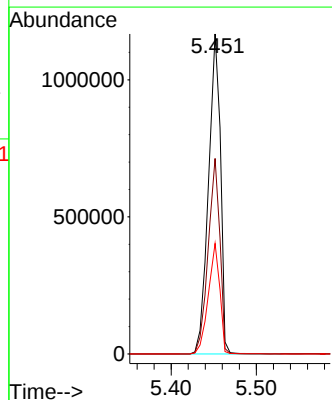
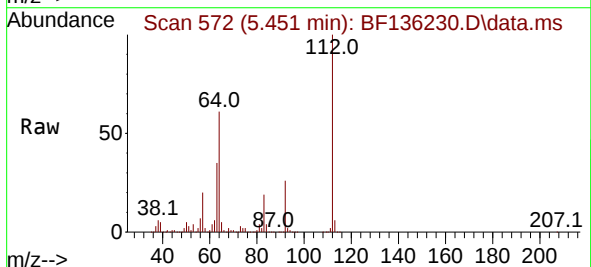
Instrument :
BNA_F
ClientSampleId :
TP-10

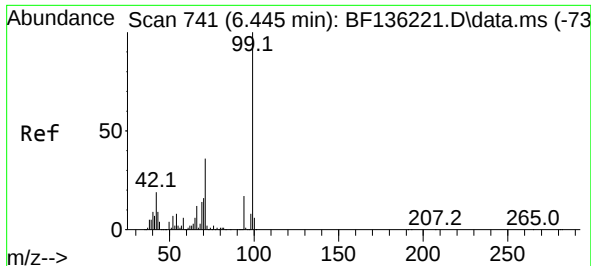
Tgt Ion:152 Resp: 116348
Ion Ratio Lower Upper
152 100
150 165.5 137.8 206.8
115 65.1 52.7 79.1



#5
2-Fluorophenol
Concen: 136.467 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF136230.D
Acq: 27 Nov 2023 19:25

Tgt Ion:112 Resp: 1140759
Ion Ratio Lower Upper
112 100
64 61.1 48.2 72.4
63 34.6 27.0 40.6

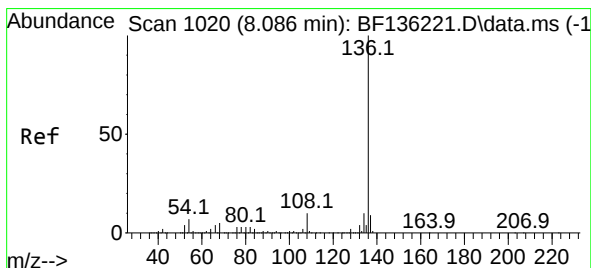
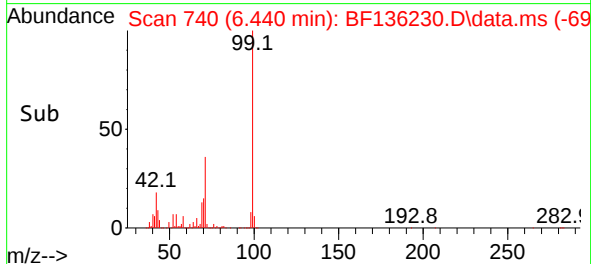
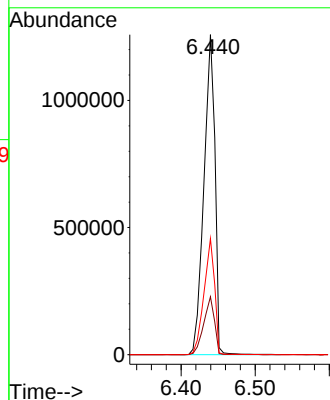
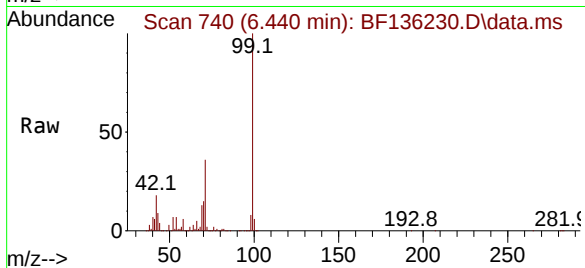




#7
Phenol-d6
Concen: 124.729 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136230.D
Acq: 27 Nov 2023 19:25

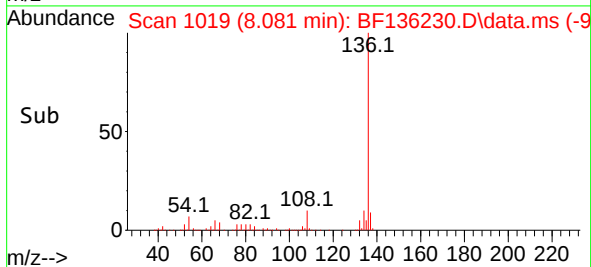
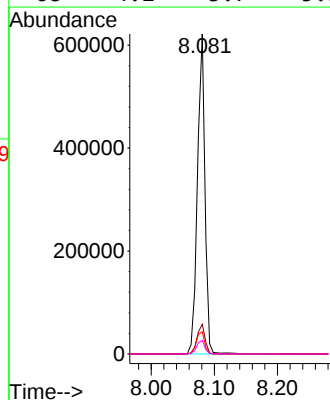
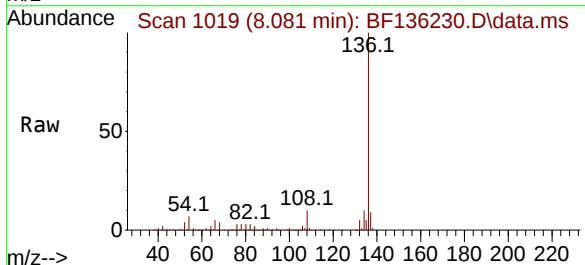
Instrument :
BNA_F
ClientSampleId :
TP-10

Tgt Ion: 99 Resp: 1303681
Ion Ratio Lower Upper
99 100
42 18.1 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: BF136230.D
Acq: 27 Nov 2023 19:25

Tgt Ion: 136 Resp: 511672
Ion Ratio Lower Upper
136 100
137 9.3 7.4 11.2
54 6.9 5.5 8.3
68 4.2 3.7 5.5





#23

Nitrobenzene-d5

Concen: 96.519 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136230.D

Acq: 27 Nov 2023 19:25

Instrument :

BNA_F

ClientSampleId :

TP-10

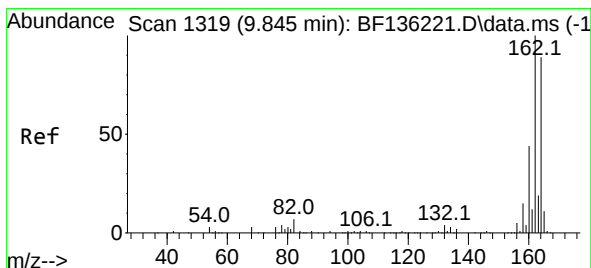
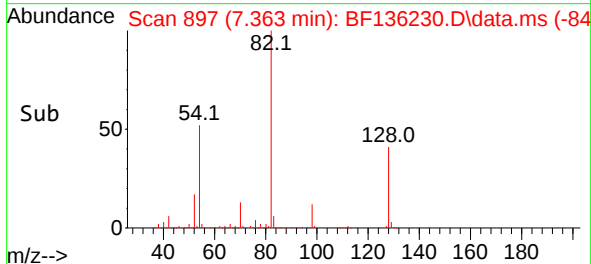
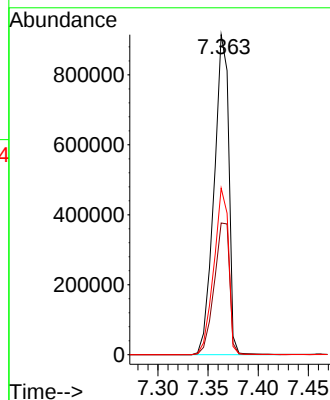
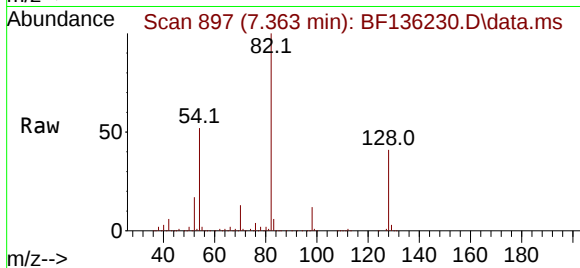
Tgt Ion: 82 Resp: 934580

Ion Ratio Lower Upper

82 100

128 41.1 33.4 50.2

54 52.1 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: BF136230.D

Acq: 27 Nov 2023 19:25

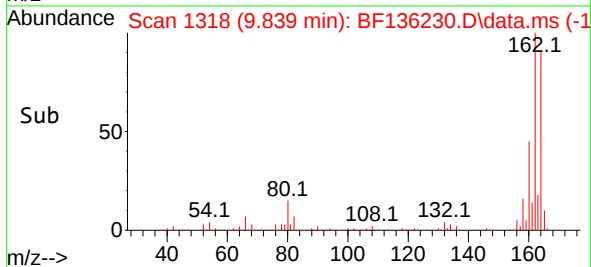
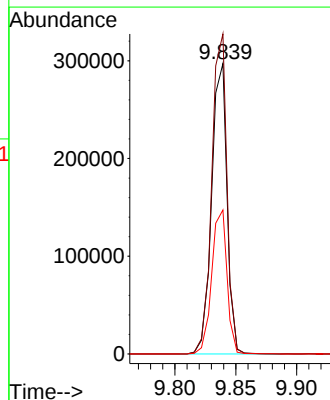
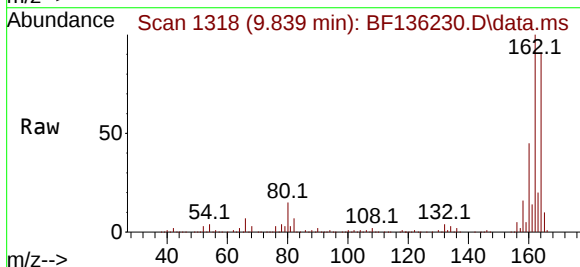
Tgt Ion:164 Resp: 261603

Ion Ratio Lower Upper

164 100

162 110.2 89.5 134.3

160 49.6 39.6 59.4

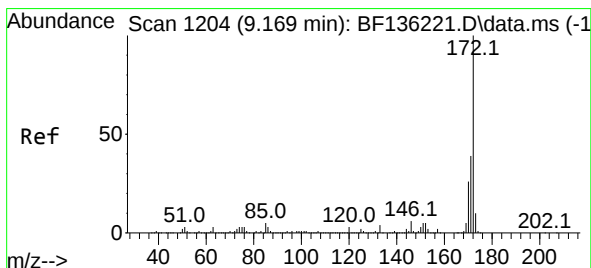
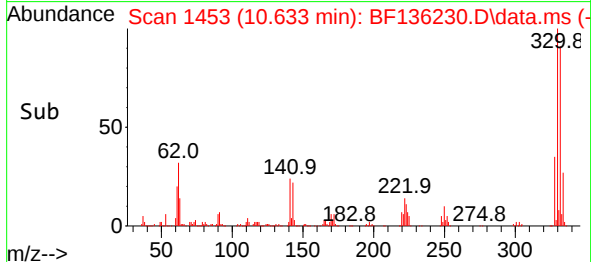
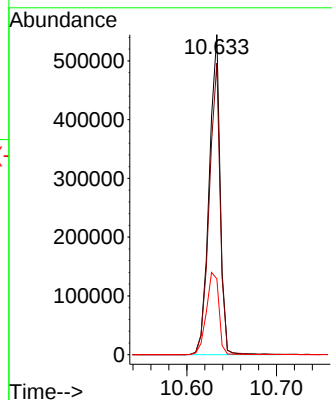
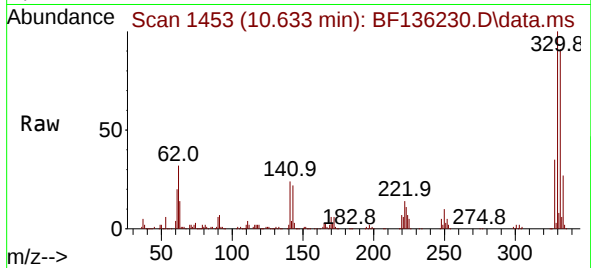




#42
2,4,6-Tribromophenol
Concen: 144.362 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136230.D
Acq: 27 Nov 2023 19:25

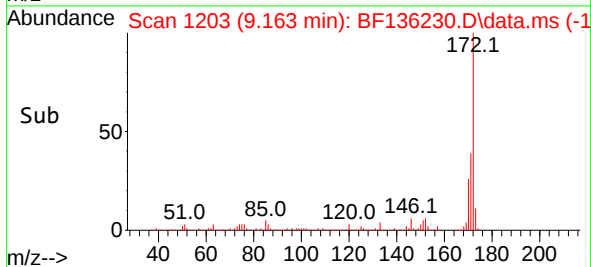
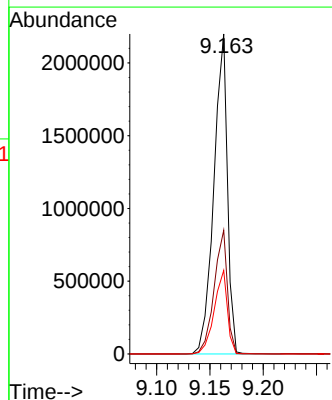
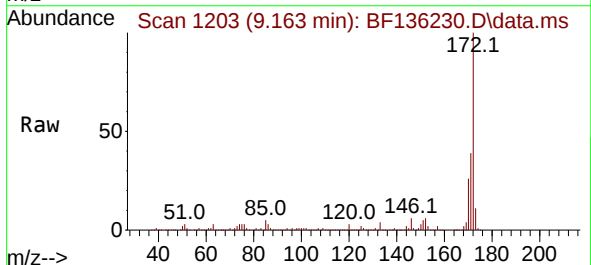
Instrument :
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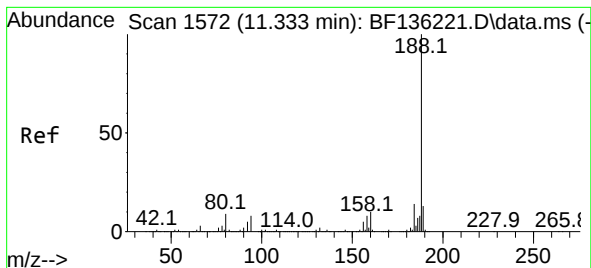
Tgt Ion:330 Resp: 461716
Ion Ratio Lower Upper
330 100
332 91.2 73.0 109.6
141 29.3 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 94.958 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136230.D
Acq: 27 Nov 2023 19:25

Tgt Ion:172 Resp: 1944827
Ion Ratio Lower Upper
172 100
171 38.7 31.5 47.3
170 26.1 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: BF136230.D

Acq: 27 Nov 2023 19:25

Instrument :

BNA_F

ClientSampleId :

TP-10

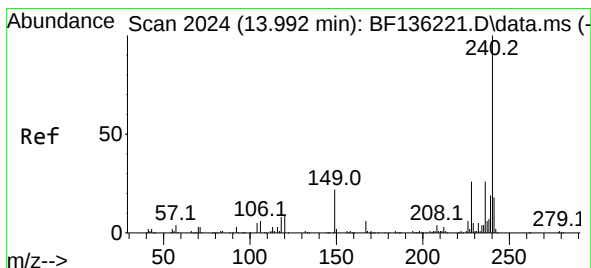
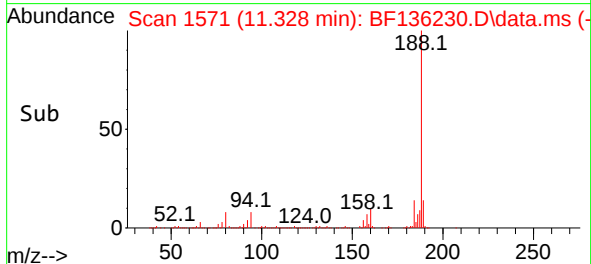
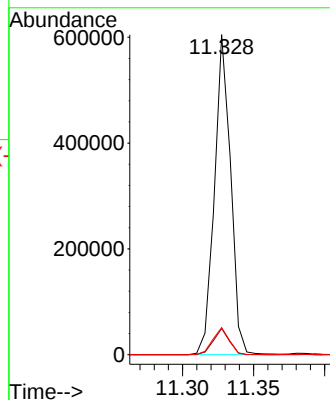
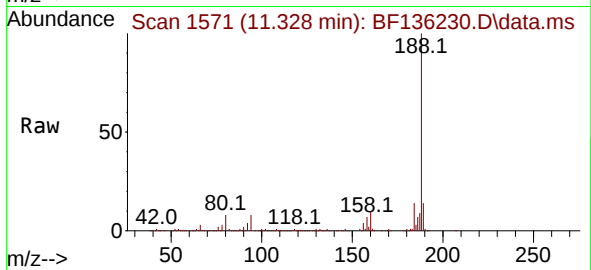
Tgt Ion:188 Resp: 477605

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.5 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: BF136230.D

Acq: 27 Nov 2023 19:25

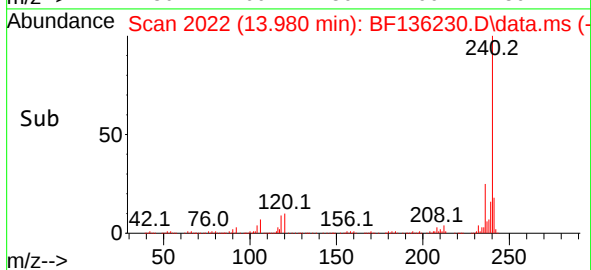
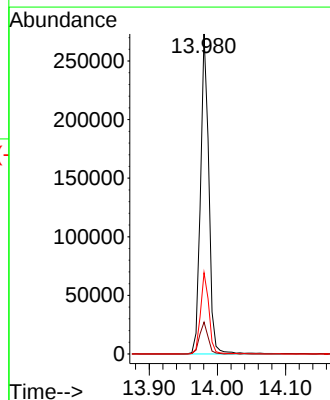
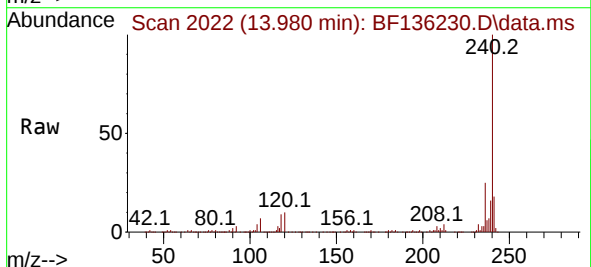
Tgt Ion:240 Resp: 231851

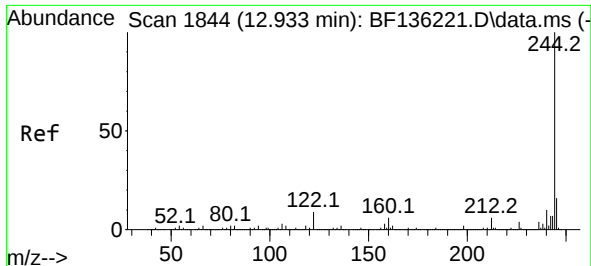
Ion Ratio Lower Upper

240 100

120 9.9 7.4 11.2

236 25.4 21.1 31.7

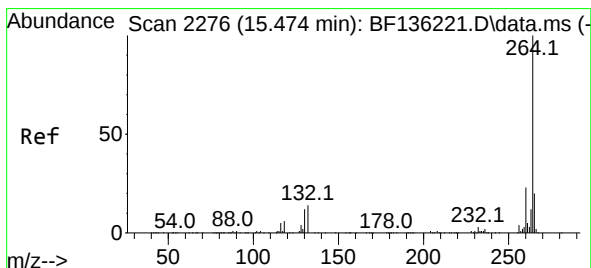
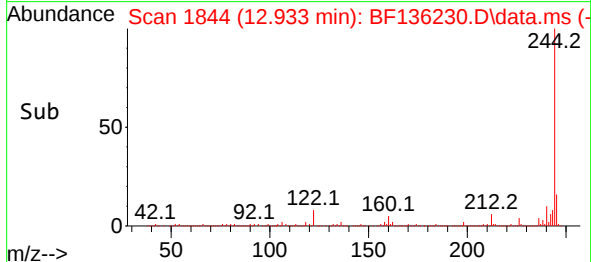
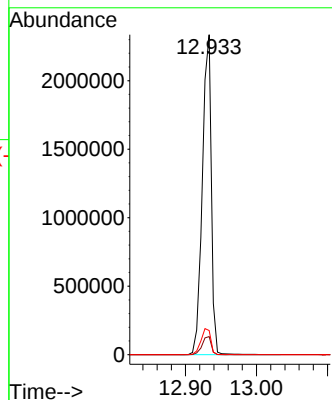
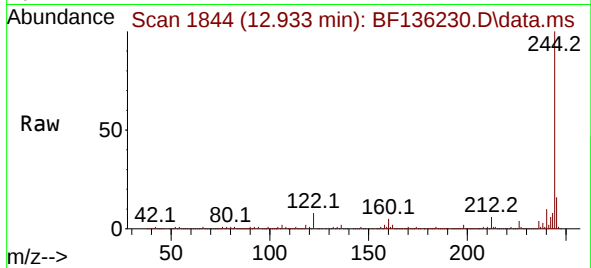




#79
 Terphenyl-d14
 Concen: 102.370 ng
 RT: 12.933 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136230.D
 Acq: 27 Nov 2023 19:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tgt Ion:244 Resp: 2057628
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 7.6 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: BF136230.D
 Acq: 27 Nov 2023 19:25

Tgt Ion:264 Resp: 204798
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 20.8 15.7 23.5

