

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136344.D
 Acq On : 01 Dec 2023 18:35
 Operator : CG\JU
 Sample : 05525-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP13

Quant Time: Dec 02 00:34:11 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	136913	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	576499	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	284969	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	437409	20.000	ng	0.00
76) Chrysene-d12	13.980	240	222706	20.000	ng	-0.01
86) Perylene-d12	15.468	264	265949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	377561	38.383	ng	0.00
7) Phenol-d6	6.434	99	285262	23.193	ng	-0.01
23) Nitrobenzene-d5	7.369	82	1010120	92.590	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	271146	77.826	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2034918	91.210	ng	0.00
79) Terphenyl-d14	12.927	244	1506335	78.019	ng	0.00

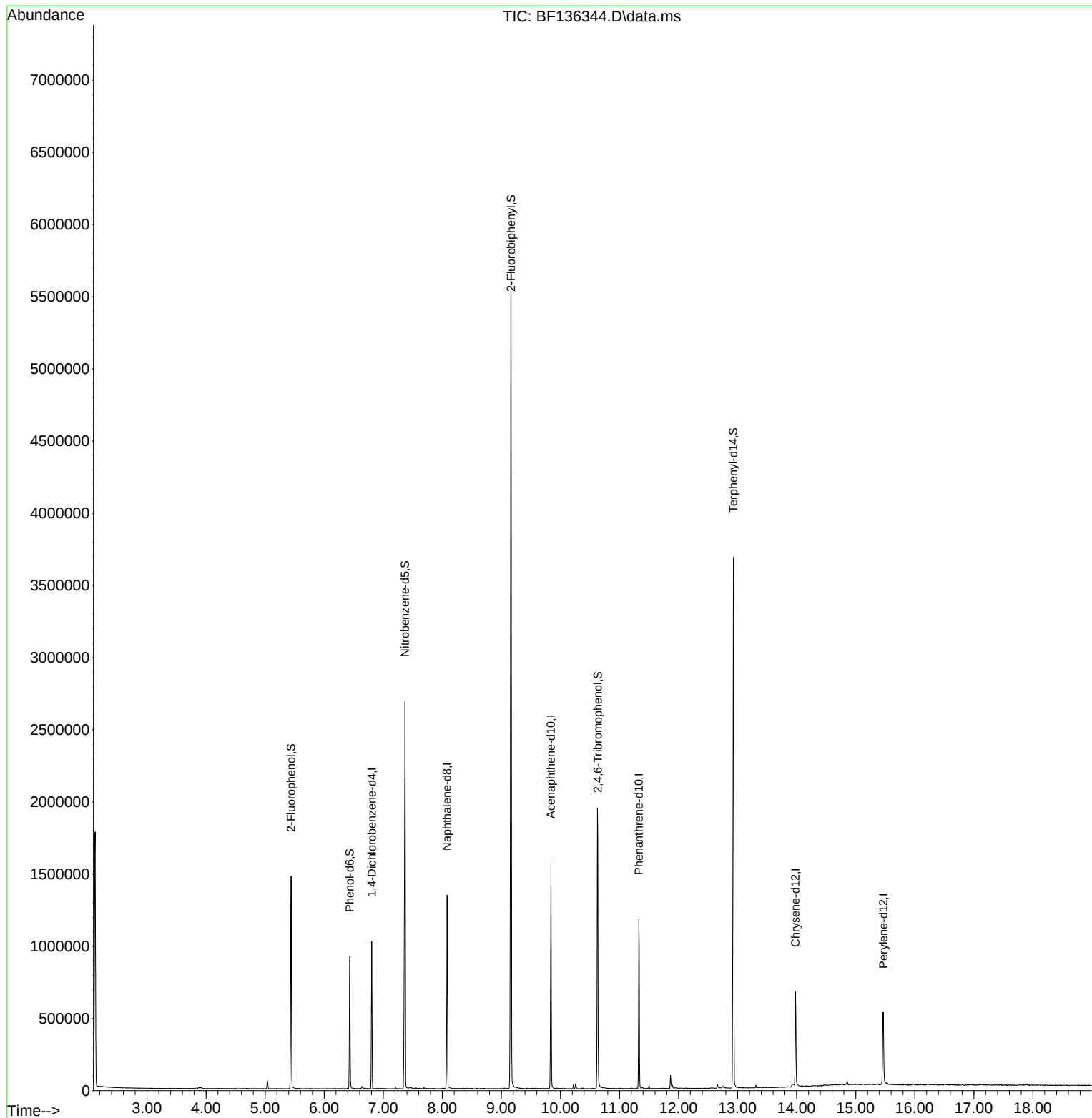
Target Compounds	Qvalue

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

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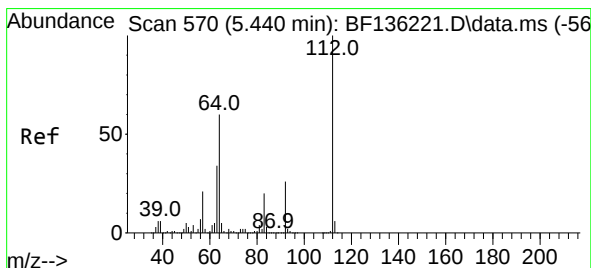
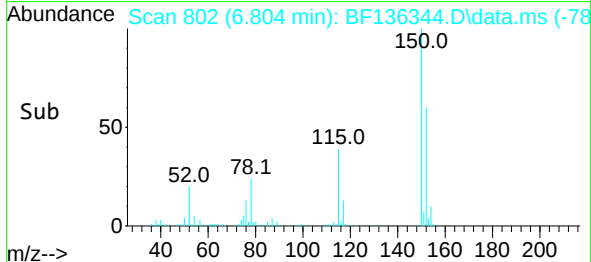
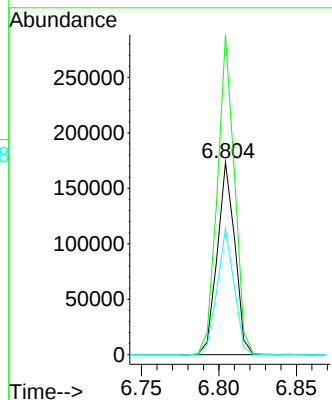
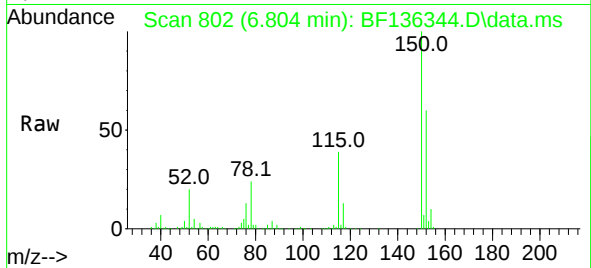




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136344.D
Acq: 01 Dec 2023 18:35

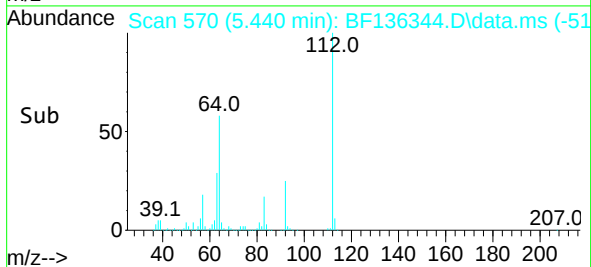
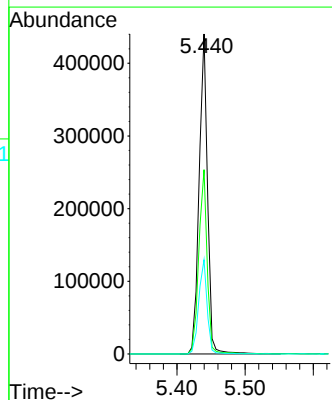
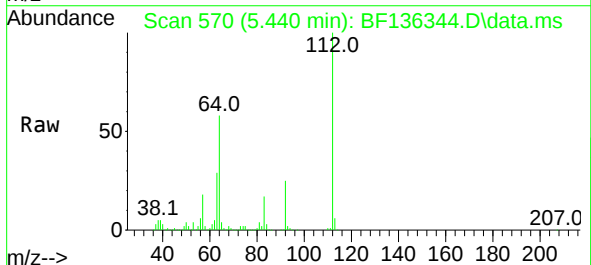
Instrument :
BNA_F
ClientSampleId :
TWP13

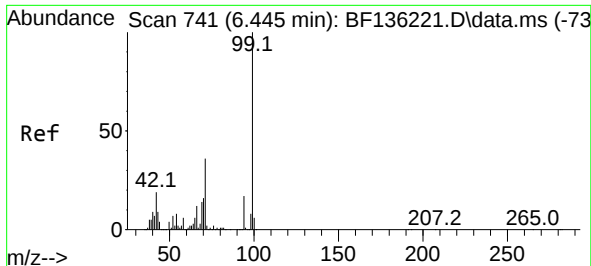
Tgt Ion:152 Resp: 136913
Ion Ratio Lower Upper
152 100
150 166.4 137.8 206.8
115 65.6 52.7 79.1



#5
2-Fluorophenol
Concen: 38.383 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136344.D
Acq: 01 Dec 2023 18:35

Tgt Ion:112 Resp: 377561
Ion Ratio Lower Upper
112 100
64 57.6 48.2 72.4
63 29.5 27.0 40.6

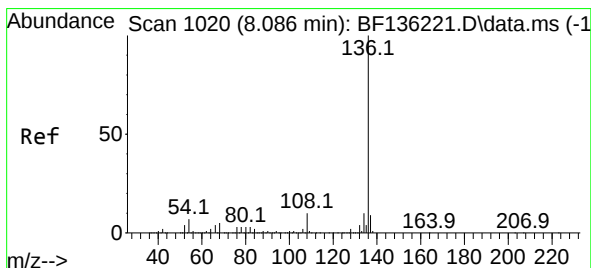
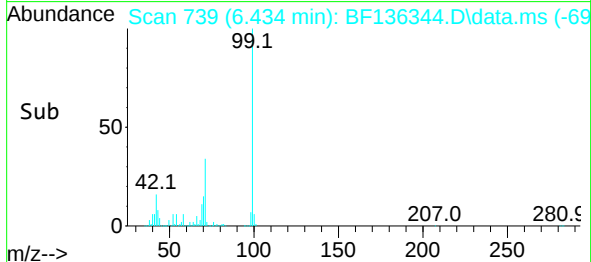
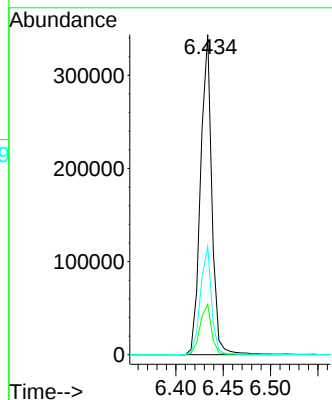
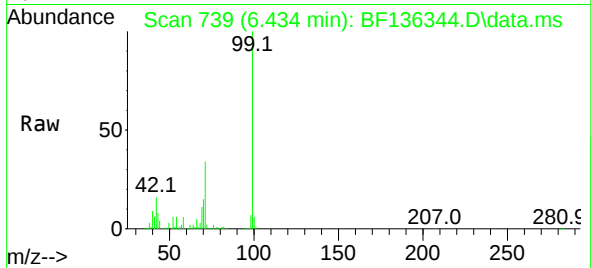




#7
Phenol-d6
Concen: 23.193 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136344.D
Acq: 01 Dec 2023 18:35

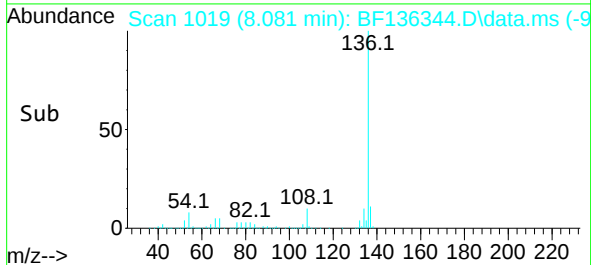
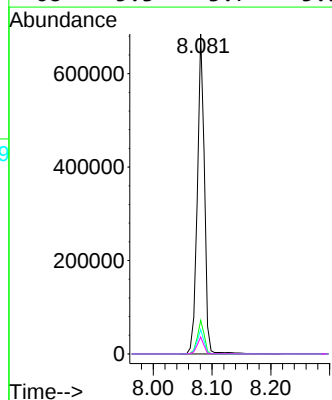
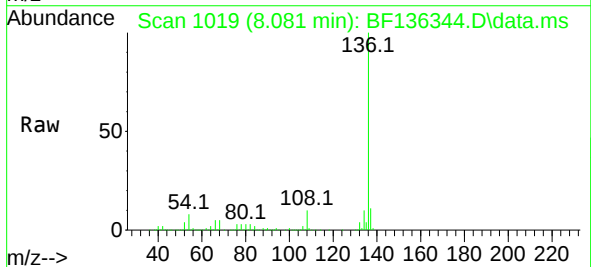
Instrument :
BNA_F
ClientSampleId :
TWP13

Tgt Ion: 99 Resp: 285262
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.6
71 33.9 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: BF136344.D
Acq: 01 Dec 2023 18:35

Tgt Ion: 136 Resp: 576499
Ion Ratio Lower Upper
136 100
137 10.5 7.4 11.2
54 7.7 5.5 8.3
68 5.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 92.590 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136344.D

Acq: 01 Dec 2023 18:35

Instrument :

BNA_F

ClientSampleId :

TWP13

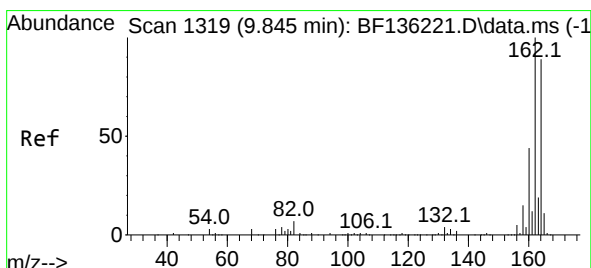
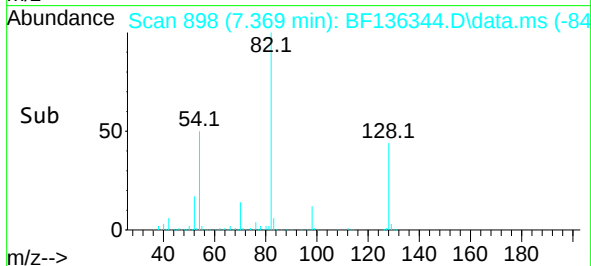
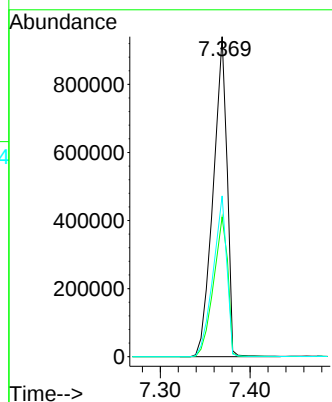
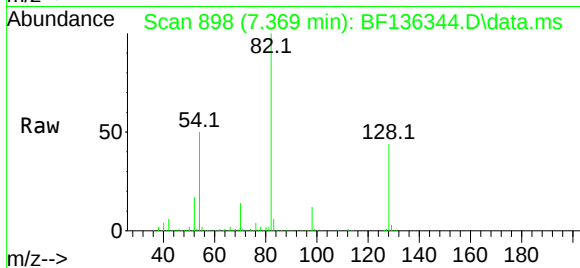
Tgt Ion: 82 Resp: 1010120

Ion Ratio Lower Upper

82 100

128 43.7 33.4 50.2

54 50.2 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: BF136344.D

Acq: 01 Dec 2023 18:35

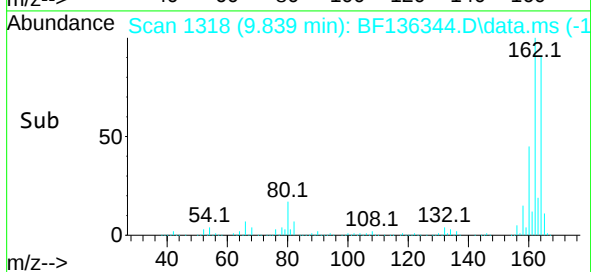
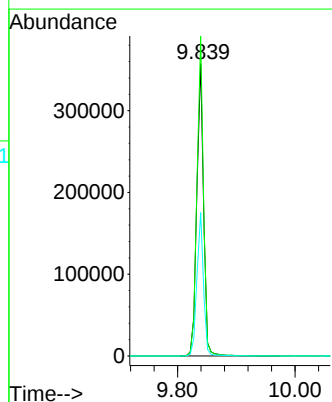
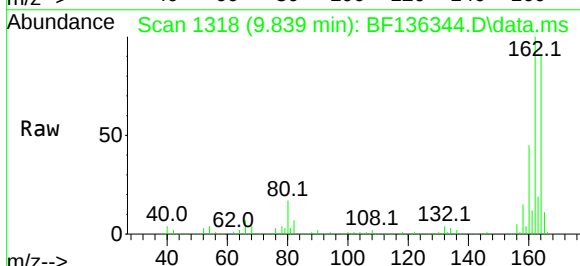
Tgt Ion:164 Resp: 284969

Ion Ratio Lower Upper

164 100

162 109.5 89.5 134.3

160 49.1 39.6 59.4

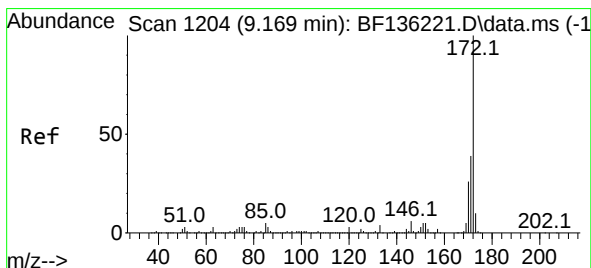
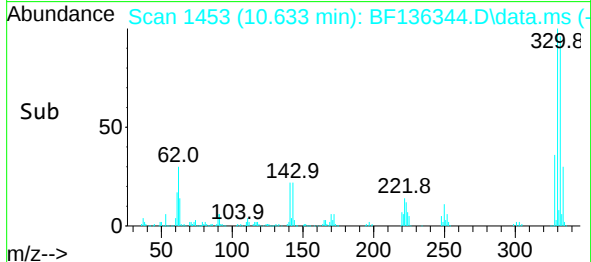
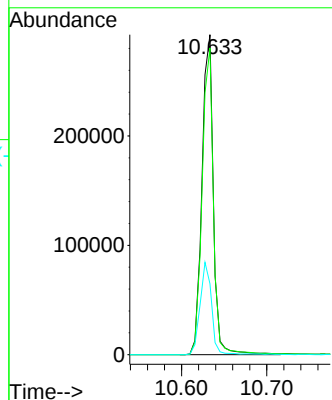
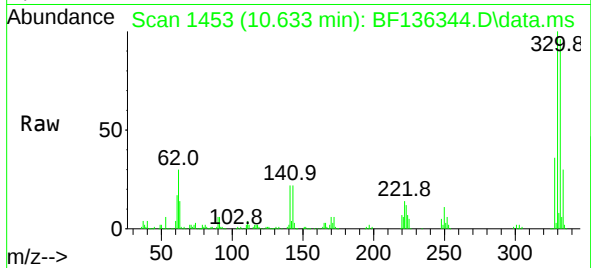




#42
2,4,6-Tribromophenol
Concen: 77.826 ng
RT: 10.633 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF136344.D
Acq: 01 Dec 2023 18:35

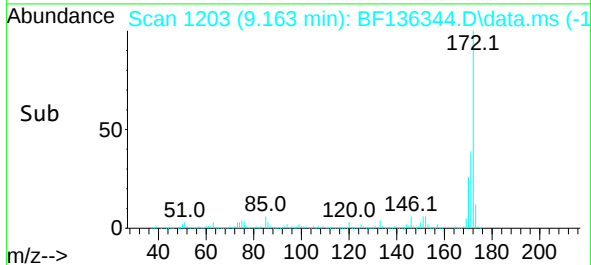
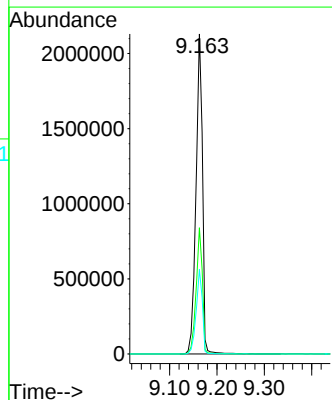
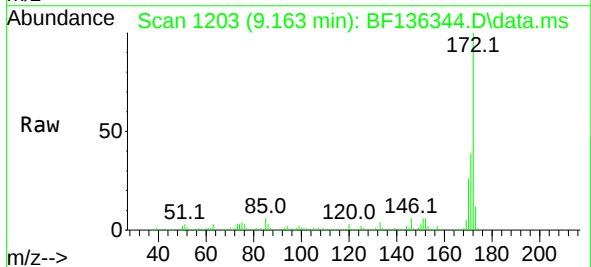
Instrument :
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Tgt Ion:330 Resp: 271146
Ion Ratio Lower Upper
330 100
332 96.4 73.0 109.6
141 29.3 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 91.210 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.006 min
Lab File: BF136344.D
Acq: 01 Dec 2023 18:35

Tgt Ion:172 Resp: 2034918
Ion Ratio Lower Upper
172 100
171 39.4 31.5 47.3
170 26.4 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: BF136344.D

Acq: 01 Dec 2023 18:35

Instrument :

BNA_F

ClientSampleId :

TWP13

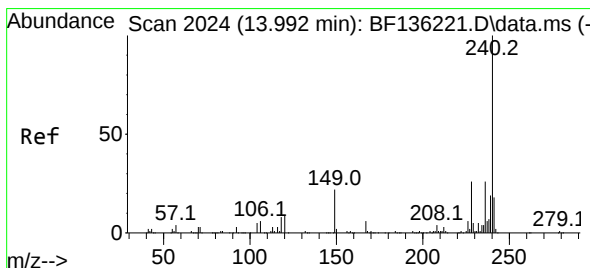
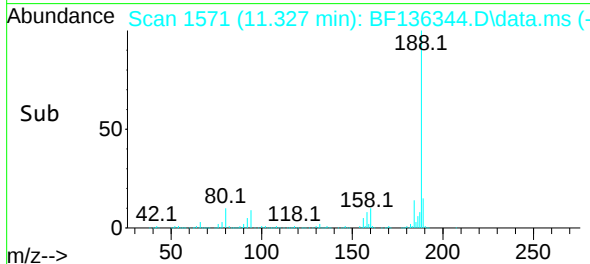
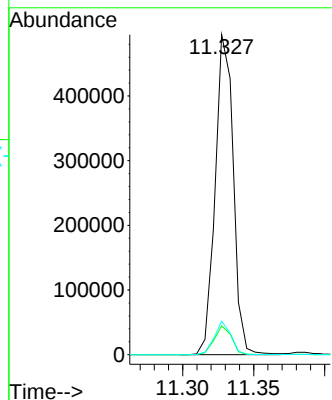
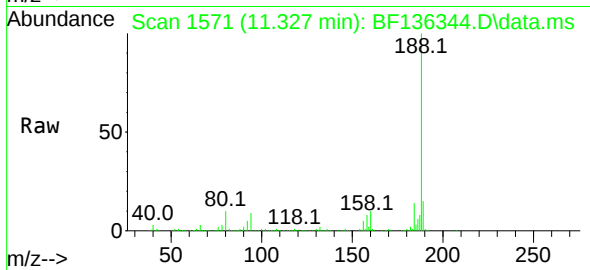
Tgt Ion:188 Resp: 437409

Ion Ratio Lower Upper

188 100

94 9.0 6.7 10.1

80 10.5 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: BF136344.D

Acq: 01 Dec 2023 18:35

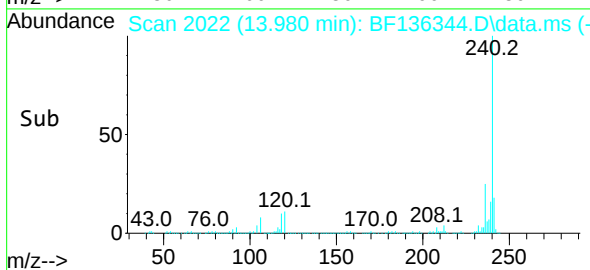
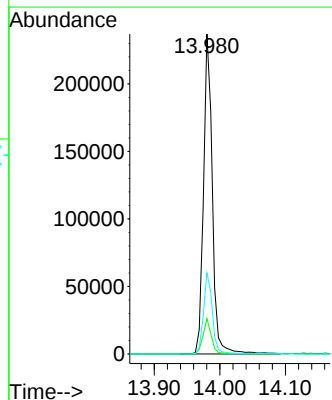
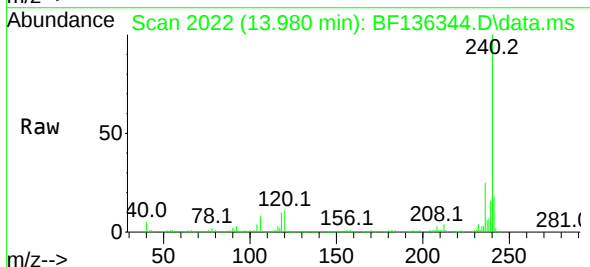
Tgt Ion:240 Resp: 222706

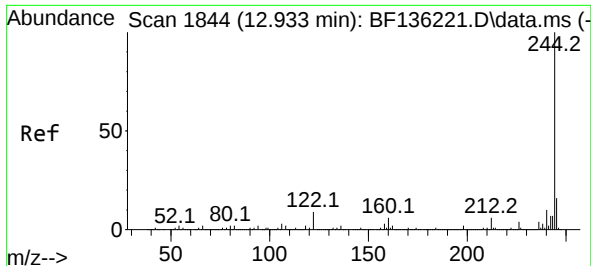
Ion Ratio Lower Upper

240 100

120 11.1 7.4 11.2

236 25.4 21.1 31.7

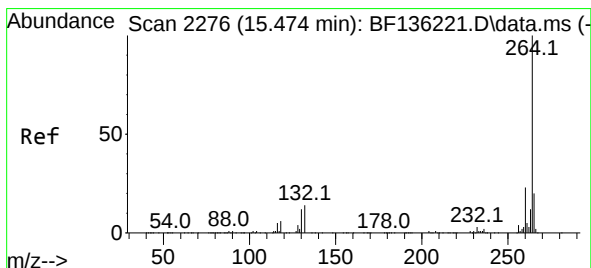
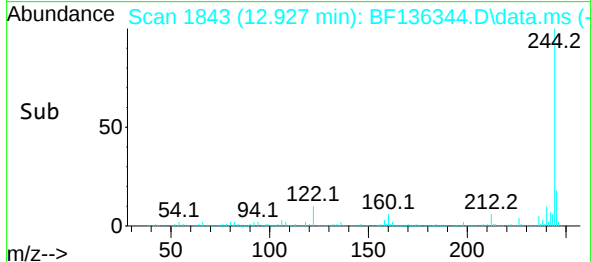
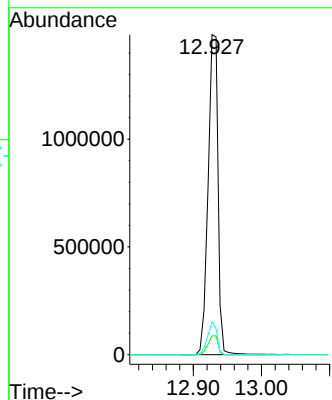
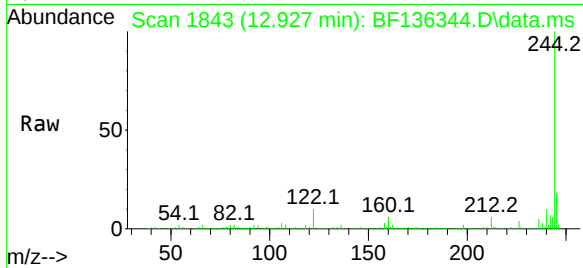




#79
 Terphenyl-d14
 Concen: 78.019 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136344.D
 Acq: 01 Dec 2023 18:35

Instrument :
 BNA_F
 ClientSampleId :
 TWP13

Tgt Ion:244 Resp: 1506335
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 10.2 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. -0.006 min
 Lab File: BF136344.D
 Acq: 01 Dec 2023 18:35

Tgt Ion:264 Resp: 265949
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.1 15.7 23.5

