

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136342.D
 Acq On : 01 Dec 2023 17:31
 Operator : CG\JU
 Sample : 05348-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BPOW5-3-20231108

Quant Time: Dec 02 00:33:17 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	121195	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	505986	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	247701	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	376146	20.000	ng	0.00
76) Chrysene-d12	13.980	240	195451	20.000	ng	-0.01
86) Perylene-d12	15.462	264	236761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	425255	48.838	ng	0.00
7) Phenol-d6	6.434	99	322638	29.634	ng	-0.01
23) Nitrobenzene-d5	7.369	82	817075	85.332	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	306609	101.246	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1702160	87.774	ng	0.00
79) Terphenyl-d14	12.927	244	1228198	72.484	ng	0.00

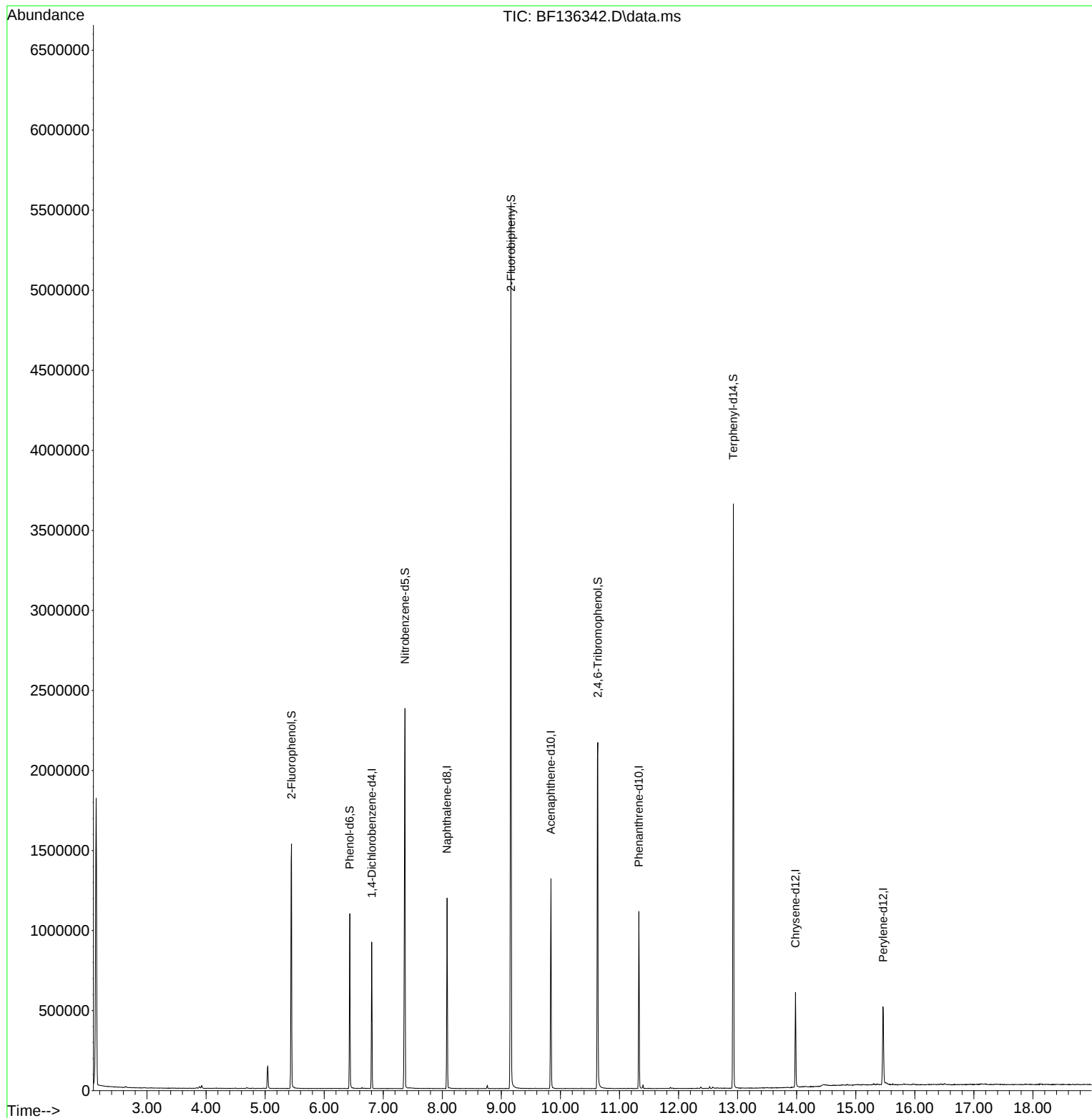
Target Compounds Qvalue

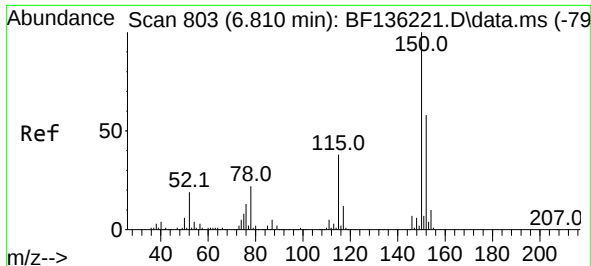
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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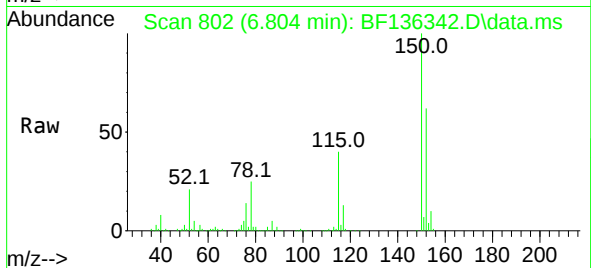
Quant Time: Dec 02 00:33:17 2023
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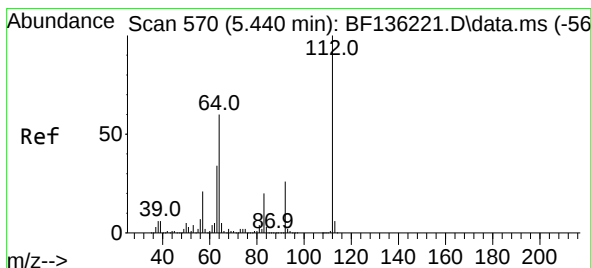
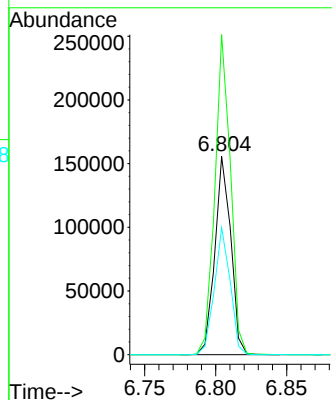
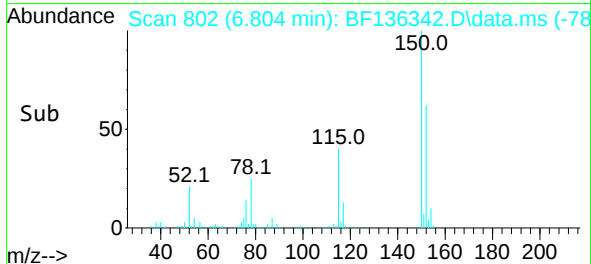


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

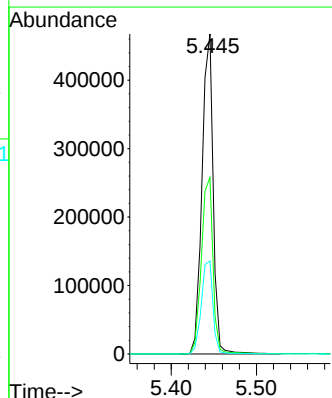
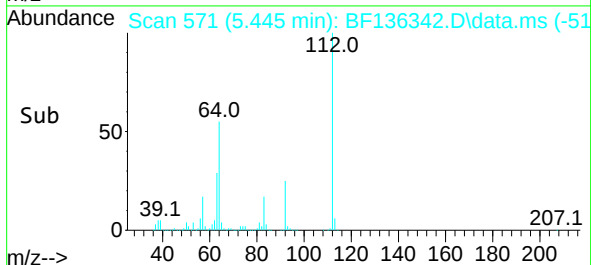
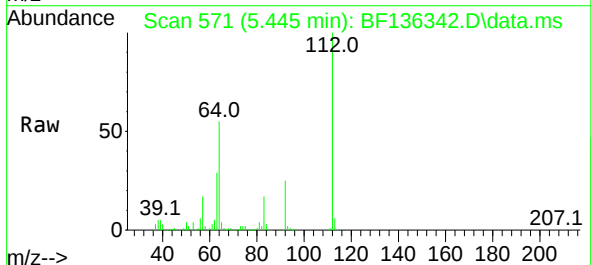


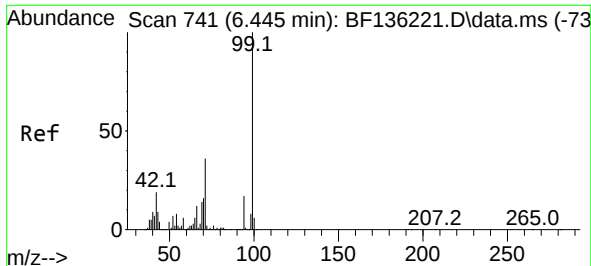
Tgt Ion:152 Resp: 121195
Ion Ratio Lower Upper
152 100
150 161.4 137.8 206.8
115 64.1 52.7 79.1



#5
2-Fluorophenol
Concen: 48.838 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion:112 Resp: 425255
Ion Ratio Lower Upper
112 100
64 55.2 48.2 72.4
63 29.0 27.0 40.6

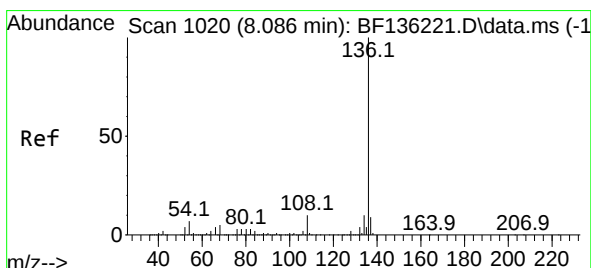
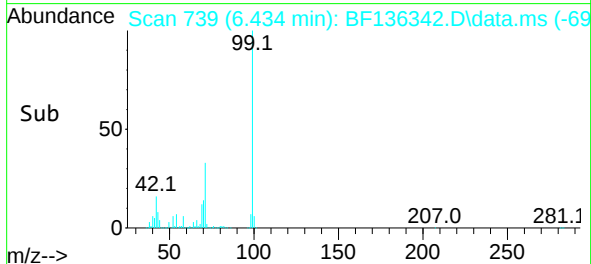
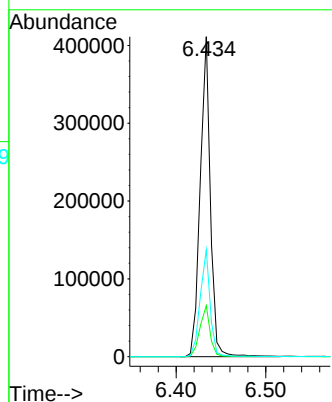
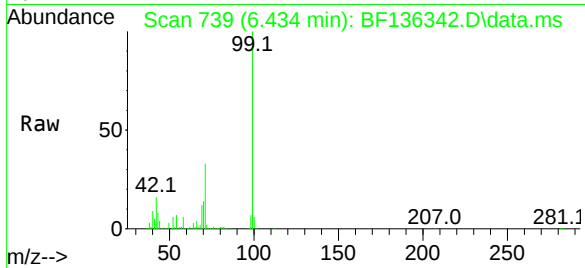




#7
Phenol-d6
Concen: 29.634 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

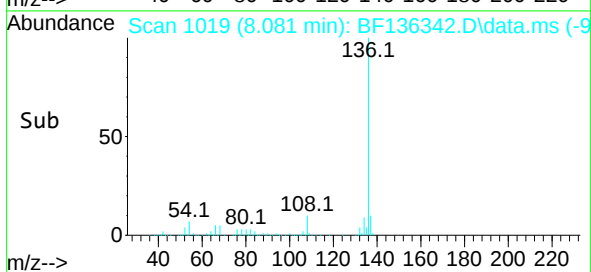
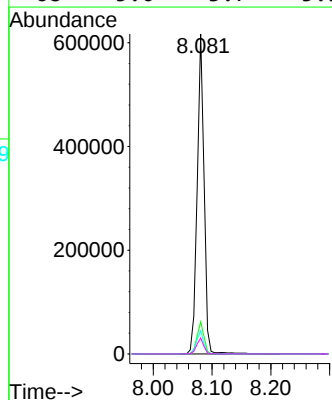
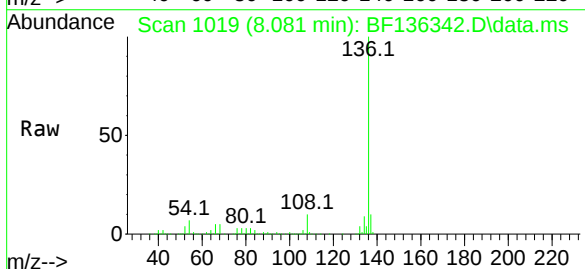
Instrument :
BNA_F
ClientSampleId :
BPOW5-3-20231108

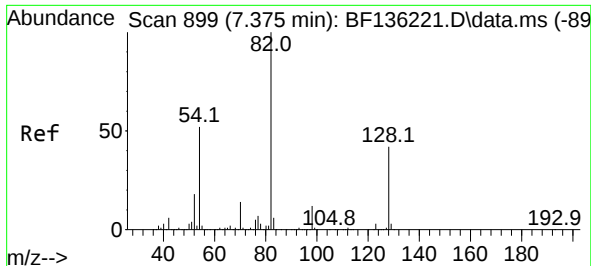
Tgt Ion: 99 Resp: 322638
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 33.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

Tgt Ion: 136 Resp: 505986
Ion Ratio Lower Upper
136 100
137 10.0 7.4 11.2
54 7.2 5.5 8.3
68 5.0 3.7 5.5





#23

Nitrobenzene-d5

Concen: 85.332 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136342.D

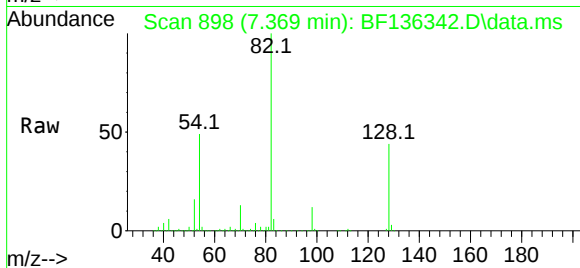
Acq: 01 Dec 2023 17:31

Instrument :

BNA_F

ClientSampleId :

BPOW5-3-20231108



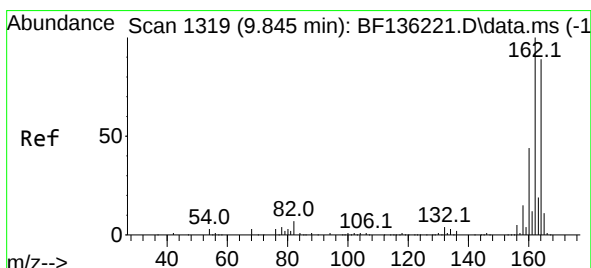
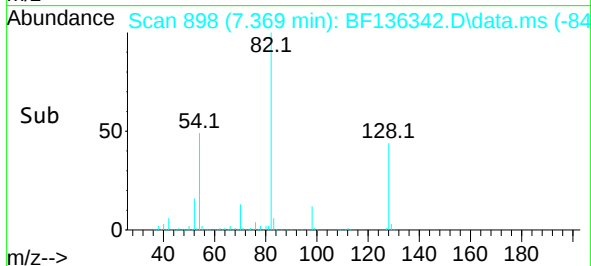
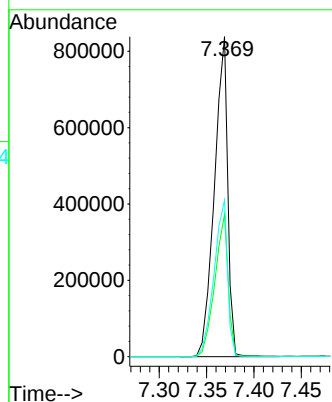
Tgt Ion: 82 Resp: 817075

Ion Ratio Lower Upper

82 100

128 44.5 33.4 50.2

54 48.9 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: BF136342.D

Acq: 01 Dec 2023 17:31

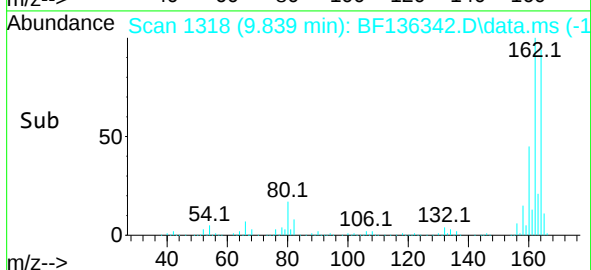
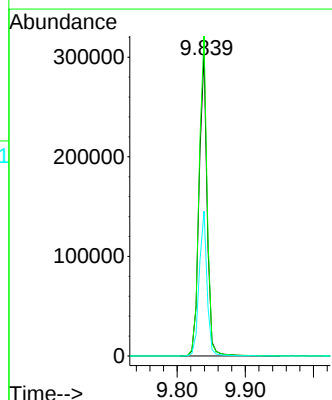
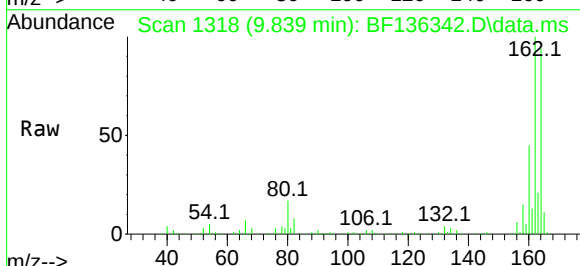
Tgt Ion:164 Resp: 247701

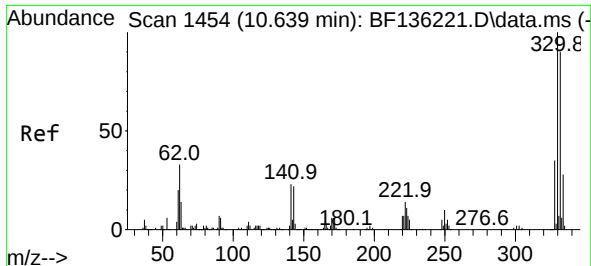
Ion Ratio Lower Upper

164 100

162 106.2 89.5 134.3

160 48.1 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 101.246 ng

RT: 10.633 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF136342.D

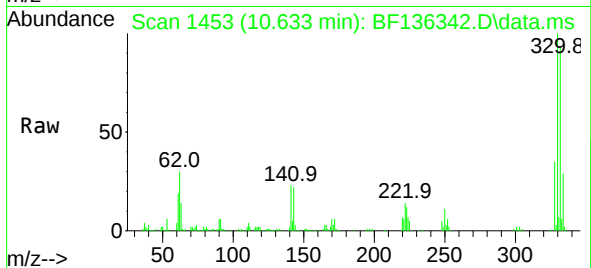
Acq: 01 Dec 2023 17:31

Instrument :

BNA_F

ClientSampleId :

BPOW5-3-20231108



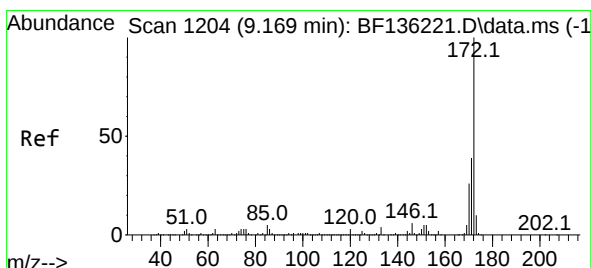
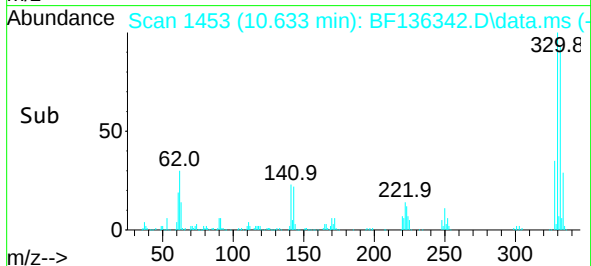
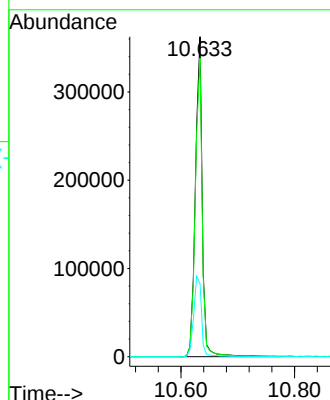
Tgt Ion:330 Resp: 306609

Ion Ratio Lower Upper

330 100

332 94.0 73.0 109.6

141 28.8 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 87.774 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136342.D

Acq: 01 Dec 2023 17:31

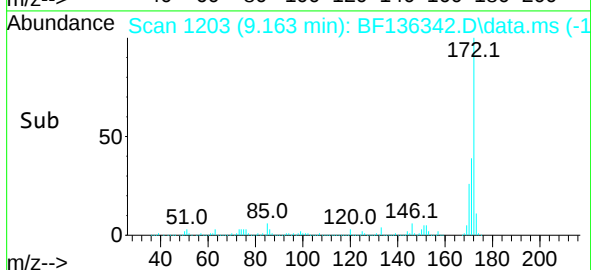
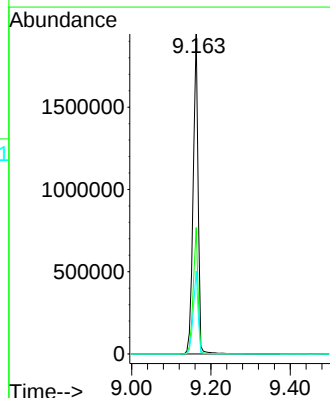
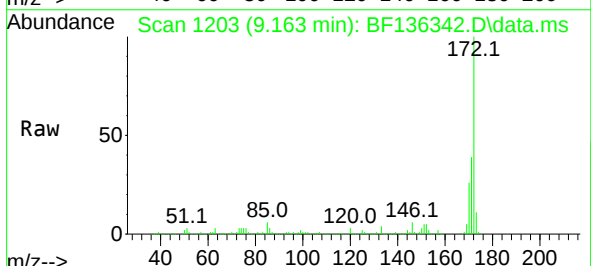
Tgt Ion:172 Resp: 1702160

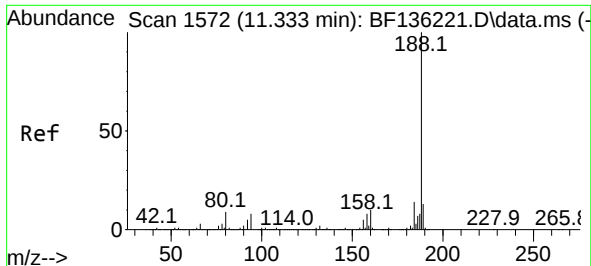
Ion Ratio Lower Upper

172 100

171 39.5 31.5 47.3

170 26.0 20.8 31.2

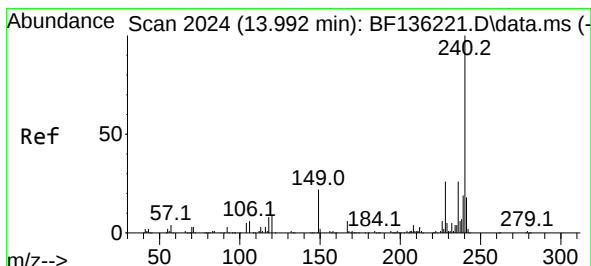
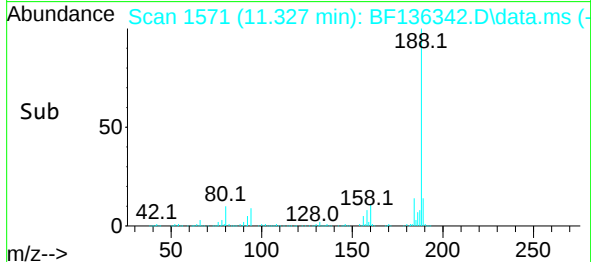
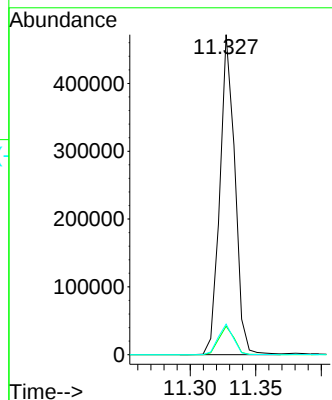
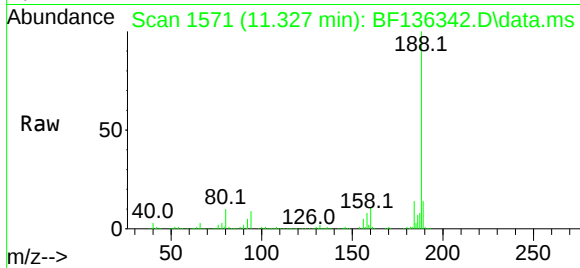




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

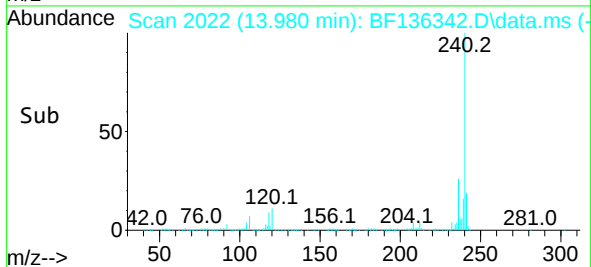
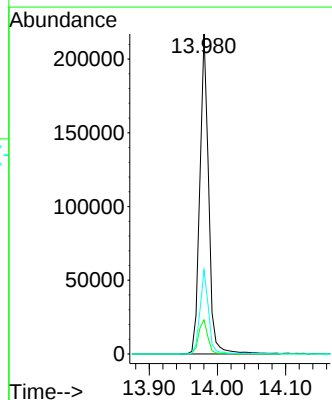
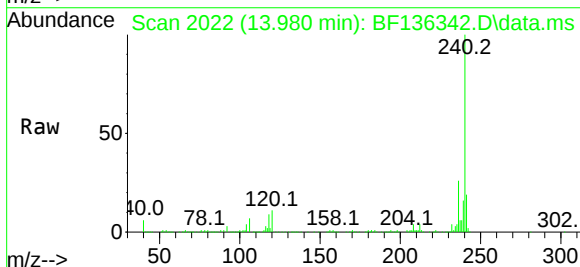
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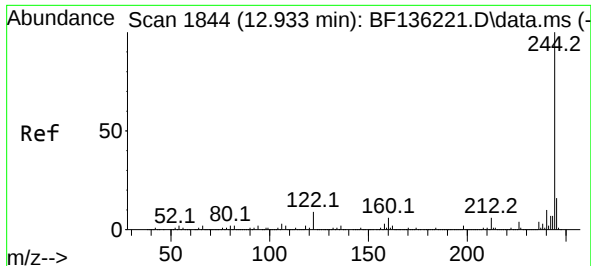
Tgt Ion:188 Resp: 376146
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136342.D
Acq: 01 Dec 2023 17:31

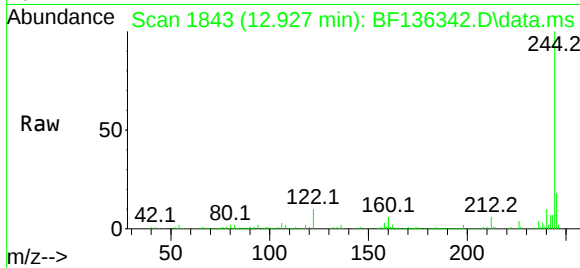
Tgt Ion:240 Resp: 195451
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.2
236 26.2 21.1 31.7



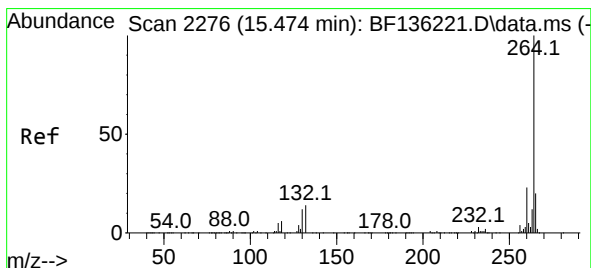
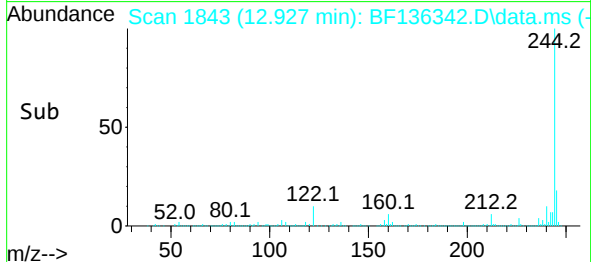
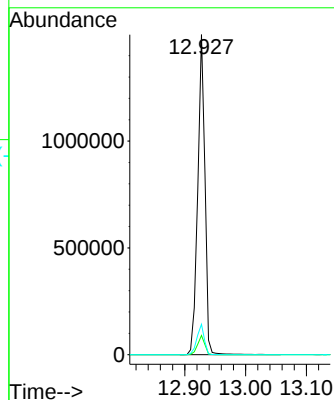


#79
 Terphenyl-d14
 Concen: 72.484 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136342.D
 Acq: 01 Dec 2023 17:31

Instrument :
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Tgt Ion:244 Resp: 1228198
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.5 7.3 10.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. -0.012 min
 Lab File: BF136342.D
 Acq: 01 Dec 2023 17:31

Tgt Ion:264 Resp: 236761
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 20.3 15.7 23.5

