

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014333.D
 Acq On : 28 Mar 2023 02:50
 Operator : CG/JU
 Sample : 02083-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3990

Quant Time: Mar 28 03:19:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 25 03:19:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	118475	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	440436	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	265007	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	579338	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	627606	20.000	ng	0.00
86) Perylene-d12	24.027	264	757593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	465808	63.762	ng	0.00
7) Phenol-d6	7.187	99	889846	92.775	ng	0.00
23) Nitrobenzene-d5	9.199	82	646062	67.044	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	49998	11.636	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1323883	64.723	ng	0.00
79) Terphenyl-d14	19.969	244	2274732	59.765	ng	0.00

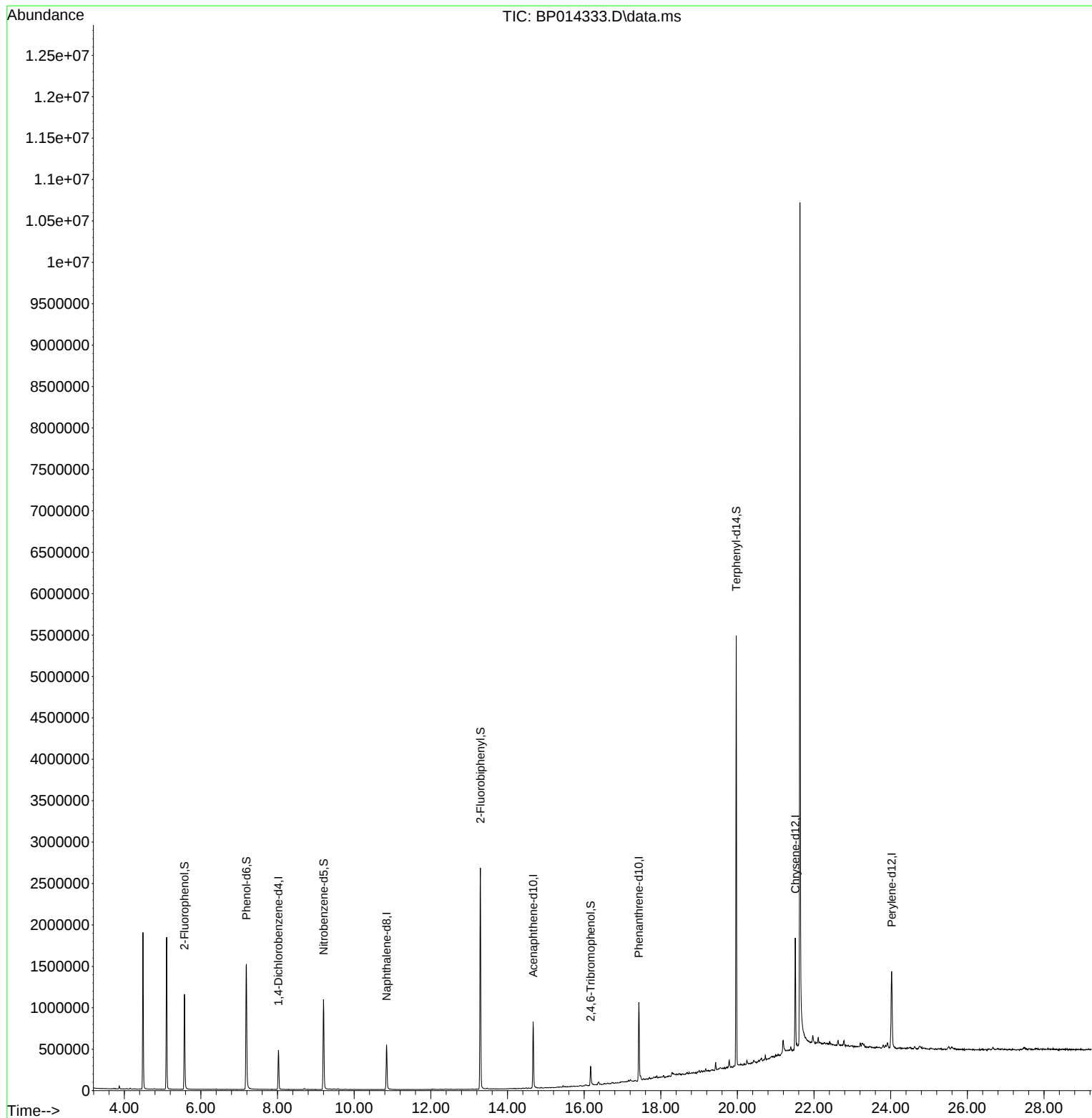
Target Compounds Qvalue

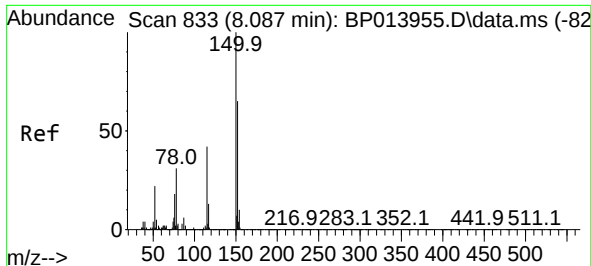
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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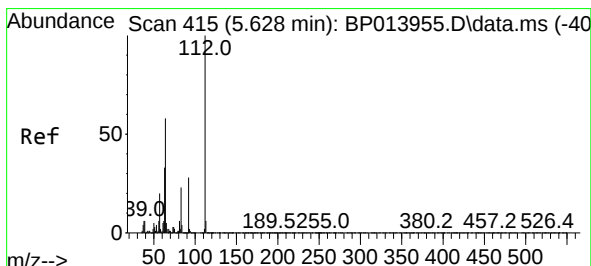
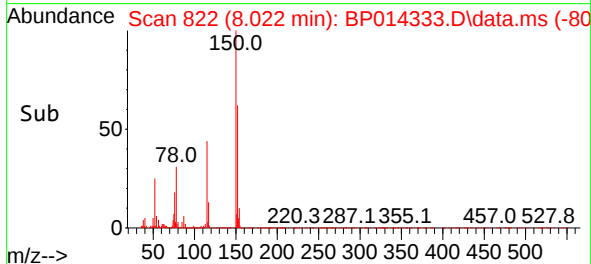
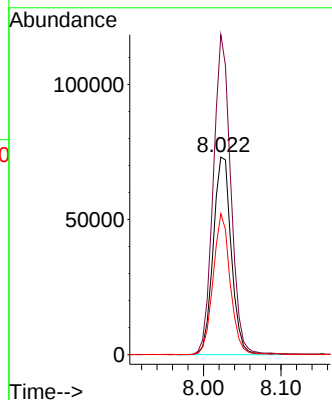
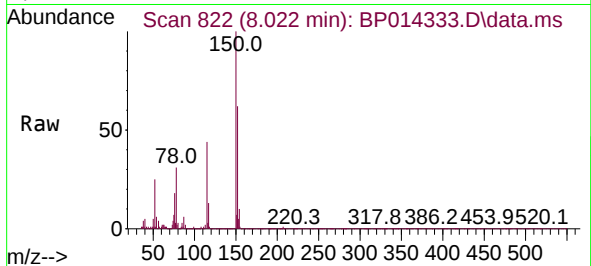




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

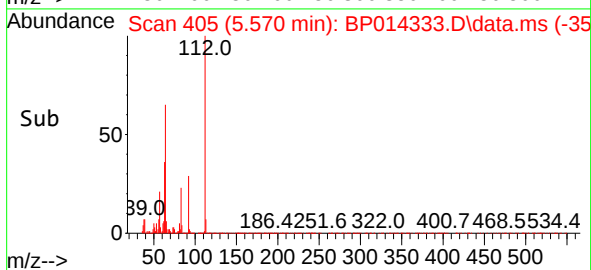
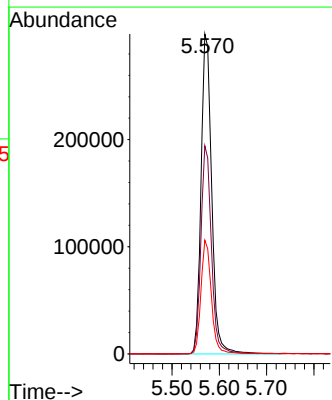
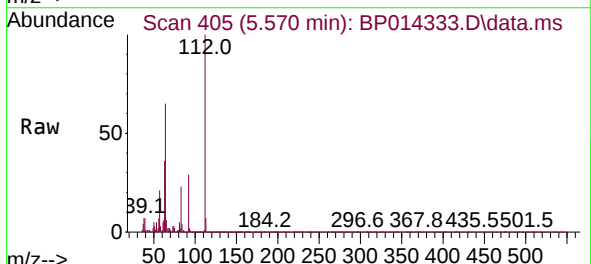
Instrument :
BNA_P
ClientSampleId :
RT-3990

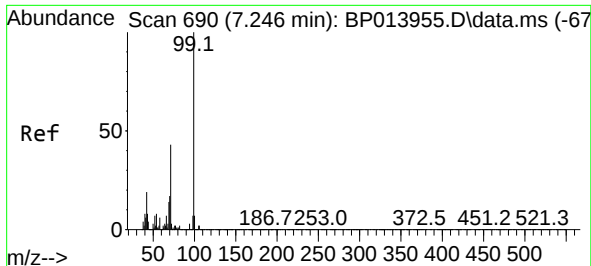
Tgt Ion:152 Resp: 118475
Ion Ratio Lower Upper
152 100
150 162.1 122.3 183.5
115 71.3 51.6 77.4



#5
2-Fluorophenol
Concen: 63.762 ng
RT: 5.570 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion:112 Resp: 465808
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 35.5 26.6 40.0

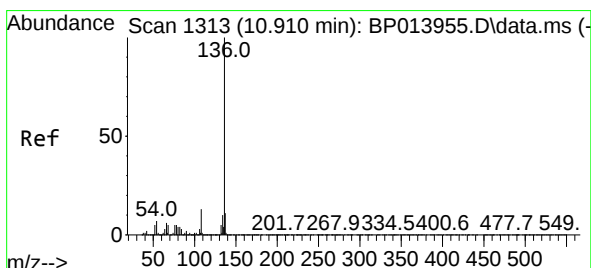
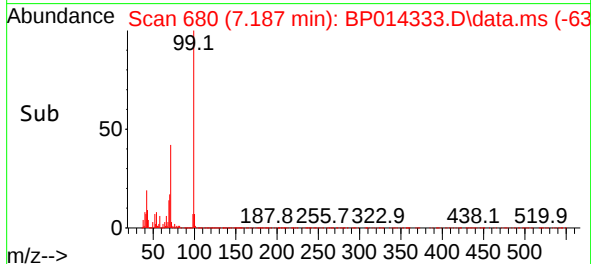
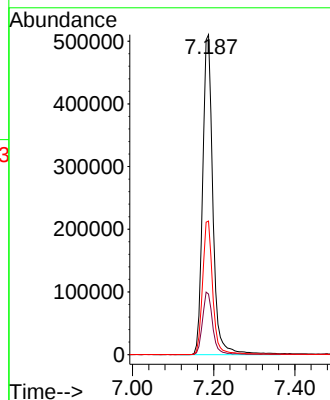
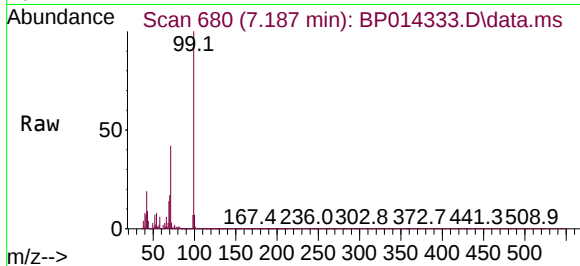




#7
Phenol-d6
Concen: 92.775 ng
RT: 7.187 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

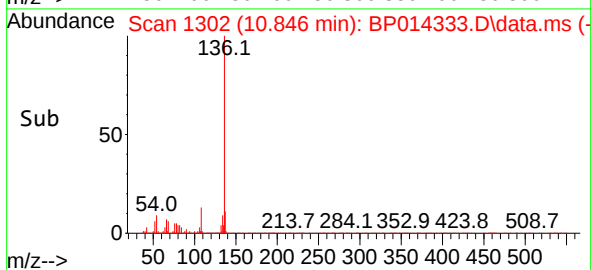
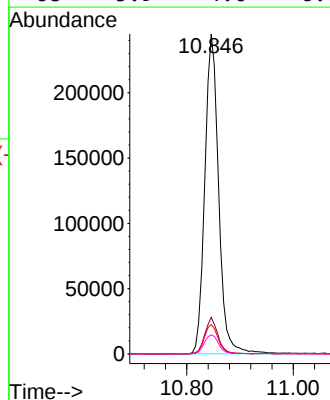
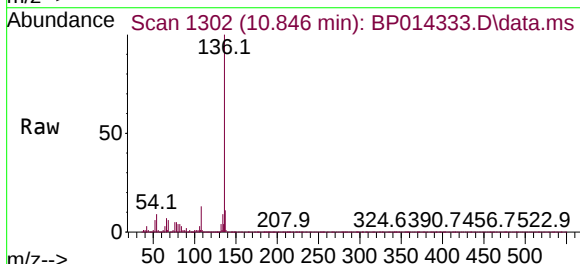
Instrument :
BNA_P
ClientSampleId :
RT-3990

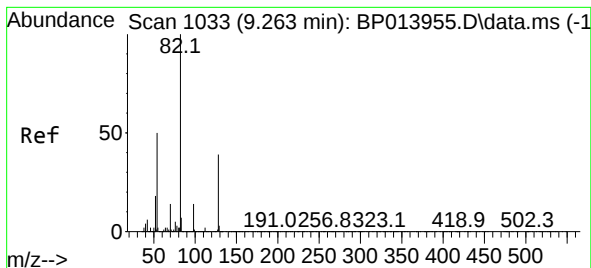
Tgt Ion: 99 Resp: 889846
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 41.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion: 136 Resp: 440436
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.2 5.8 8.8#
68 5.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 67.044 ng

RT: 9.199 min Scan# 10

Delta R.T. -0.012 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

Instrument :

BNA_P

ClientSampleId :

RT-3990

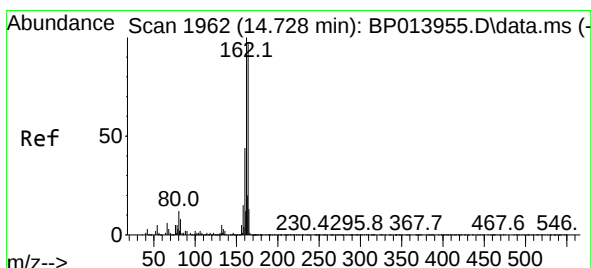
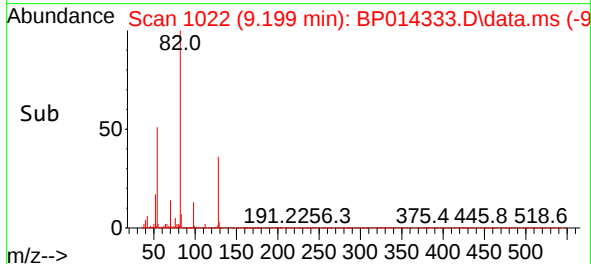
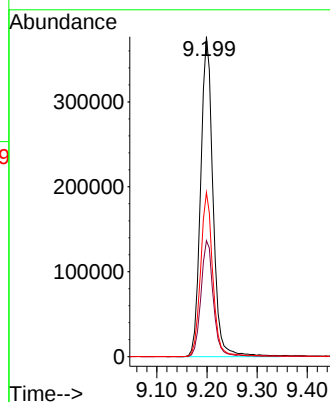
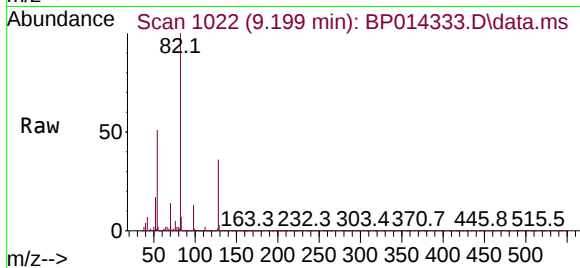
Tgt Ion: 82 Resp: 646062

Ion Ratio Lower Upper

82 100

128 36.2 31.1 46.7

54 51.3 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.669 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

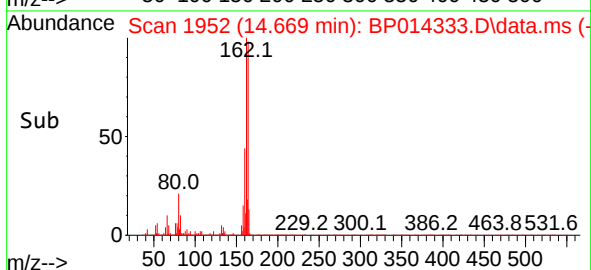
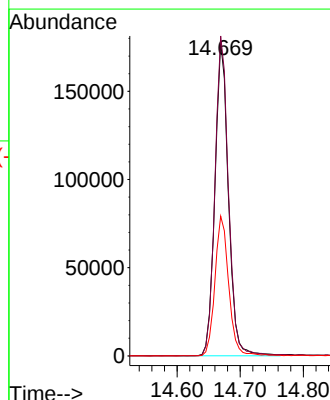
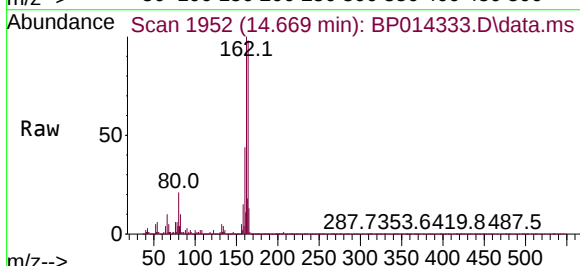
Tgt Ion: 164 Resp: 265007

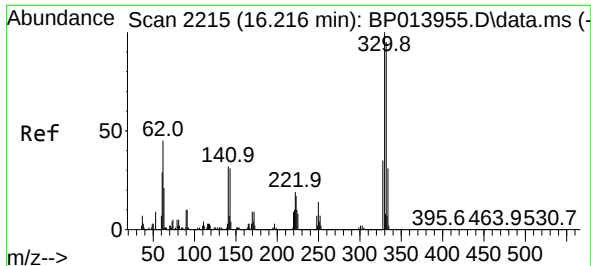
Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

160 44.6 36.2 54.2

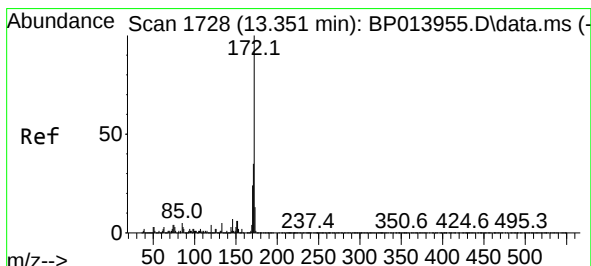
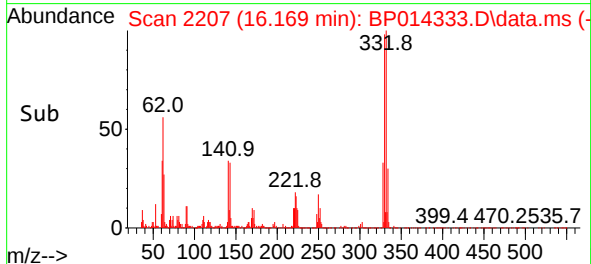
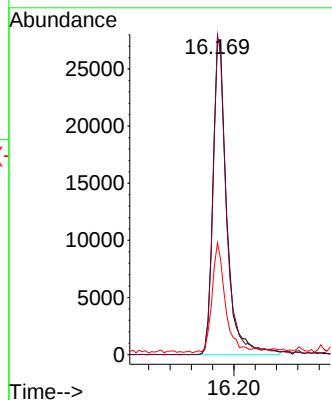
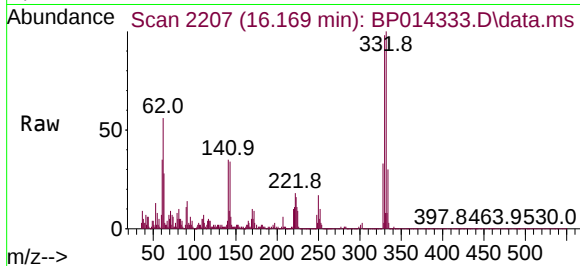




#42
2,4,6-Tribromophenol
Concen: 11.636 ng
RT: 16.169 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

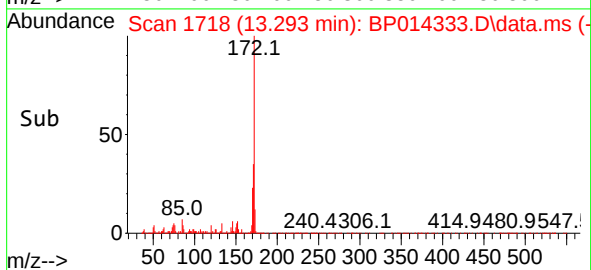
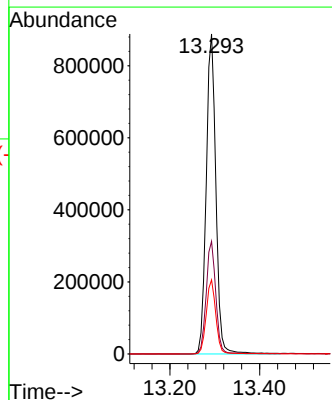
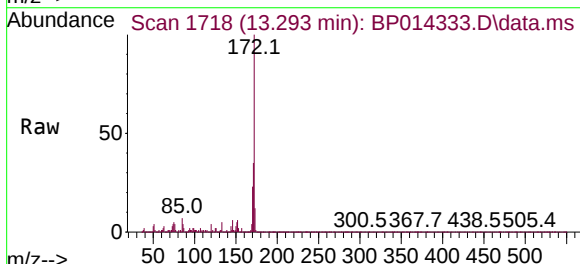
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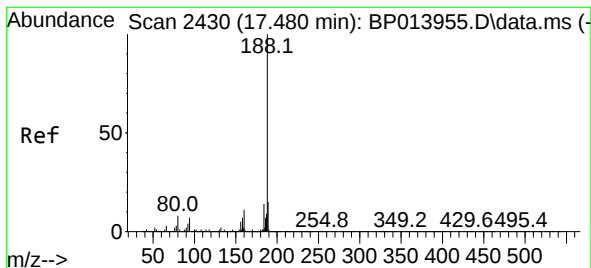
Tgt Ion:330 Resp: 49998
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 33.2 25.6 38.4



#45
2-Fluorobiphenyl
Concen: 64.723 ng
RT: 13.293 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion:172 Resp: 1323883
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

Instrument :

BNA_P

ClientSampleId :

RT-3990

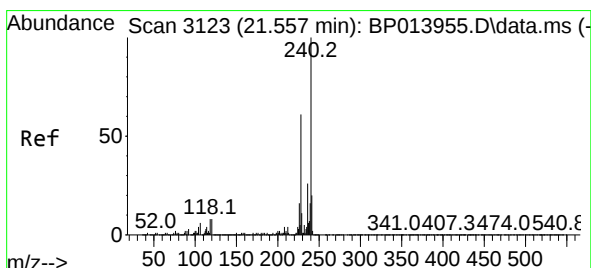
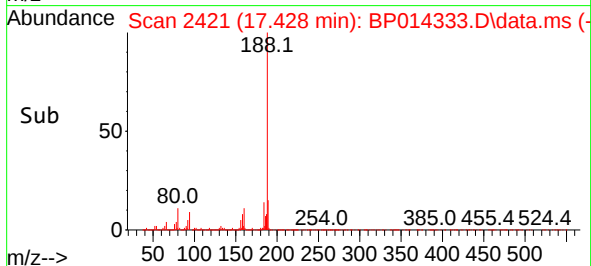
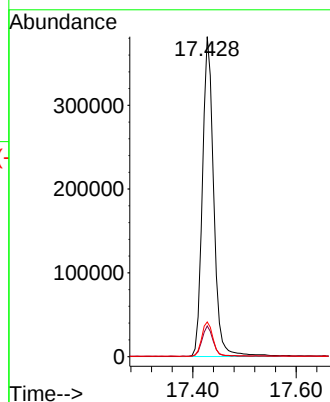
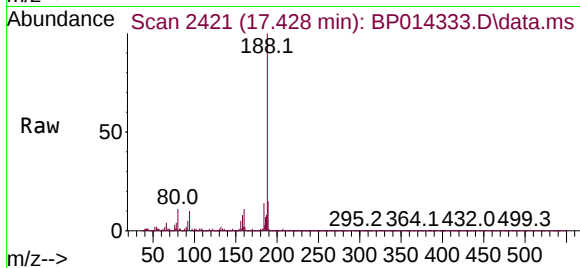
Tgt Ion:188 Resp: 579338

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.6#

80 10.8 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

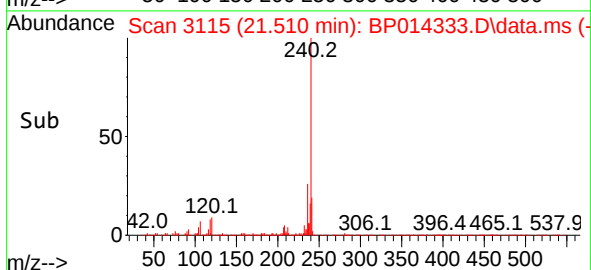
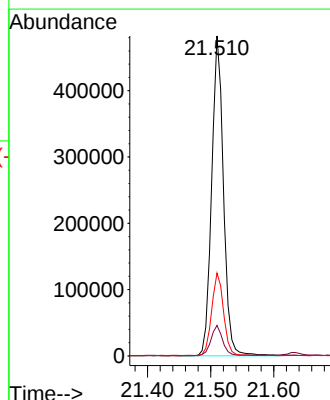
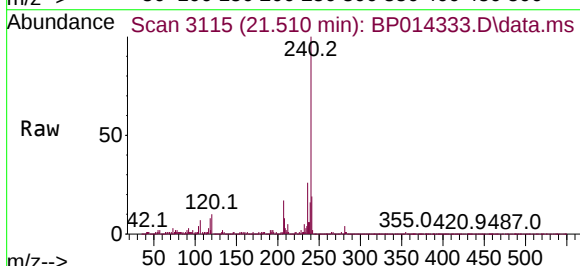
Tgt Ion:240 Resp: 627606

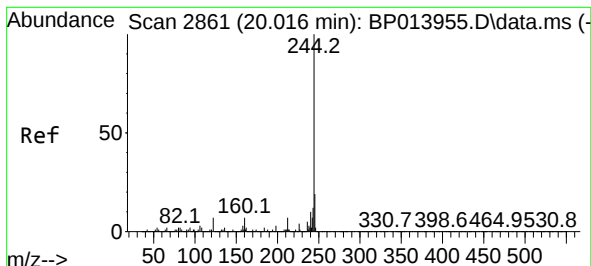
Ion Ratio Lower Upper

240 100

120 9.5 6.4 9.6

236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 59.765 ng

RT: 19.969 min Scan# 2861

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

Instrument :

BNA_P

ClientSampleId :

RT-3990

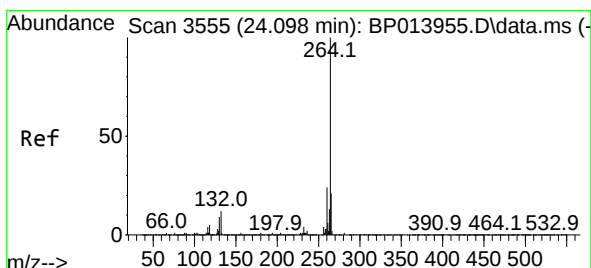
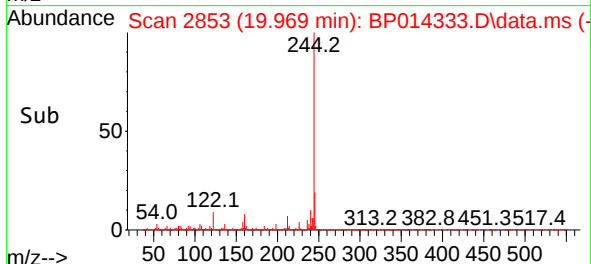
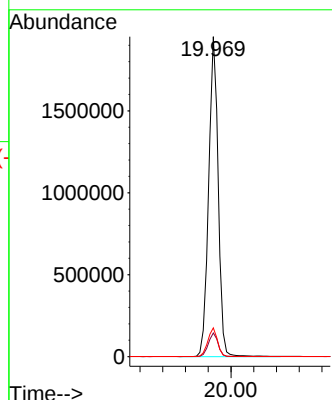
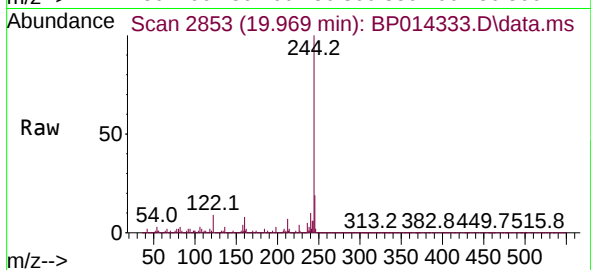
Tgt Ion:244 Resp: 2274732

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.0 5.8 8.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3543

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

Tgt Ion:264 Resp: 757593

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 22.4 17.8 26.8

