

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
 Data File : BP014082.D
 Acq On : 14 Mar 2023 13:58
 Operator : CG/JU
 Sample : PB151375BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151375BL

Quant Time: Mar 15 04:05:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 04:15:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	190911	20.000	ng	0.00
21) Naphthalene-d8	10.893	136	725946	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	470178	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	1051864	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	985837	20.000	ng	0.00
86) Perylene-d12	24.080	264	1015812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.617	112	1690222	143.580	ng	0.00
7) Phenol-d6	7.228	99	2144475	138.750	ng	0.00
23) Nitrobenzene-d5	9.246	82	1408836	88.701	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	968727	127.075	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	3067465	84.524	ng	0.00
79) Terphenyl-d14	20.004	244	5310588	88.827	ng	0.00

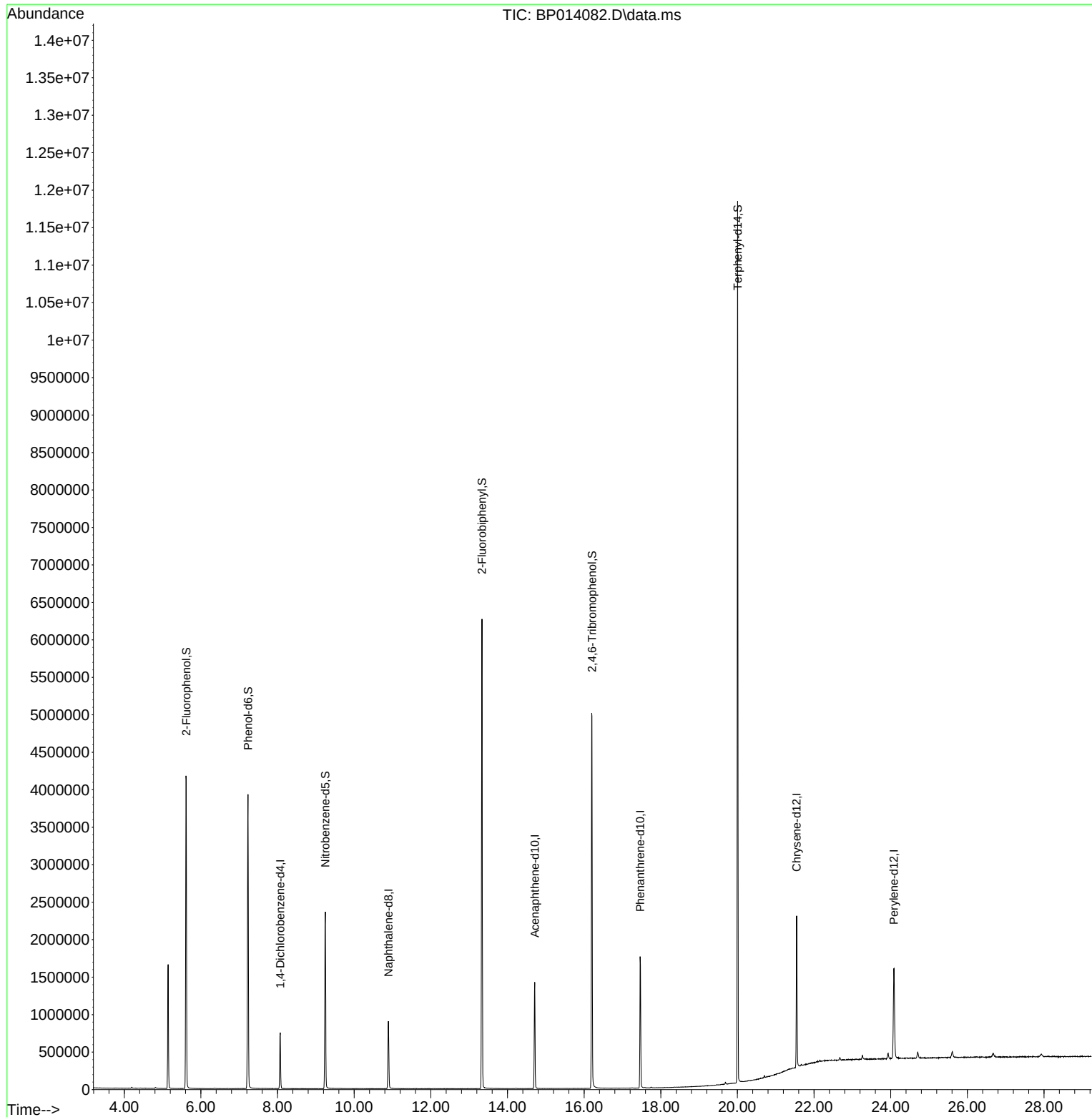
Target Compounds	Qvalue

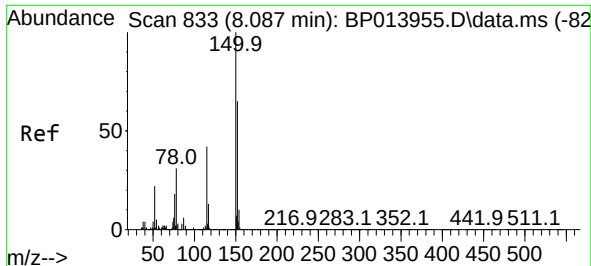
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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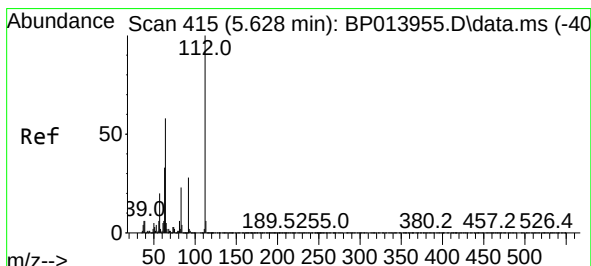
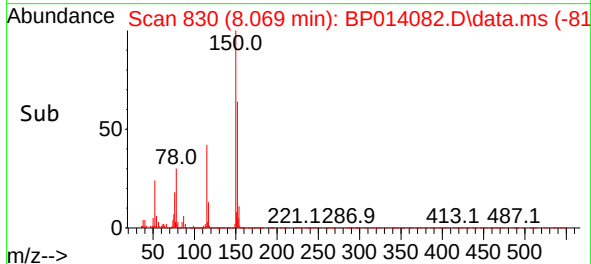
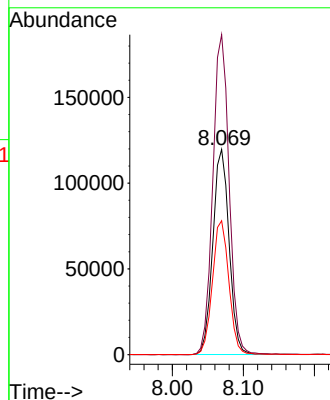
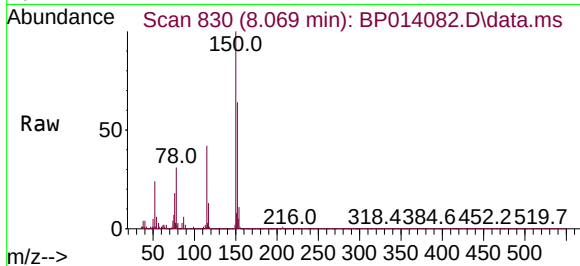




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014082.D
Acq: 14 Mar 2023 13:58

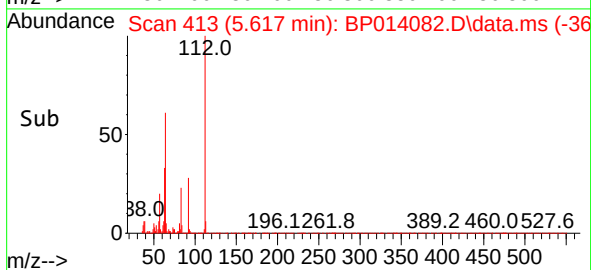
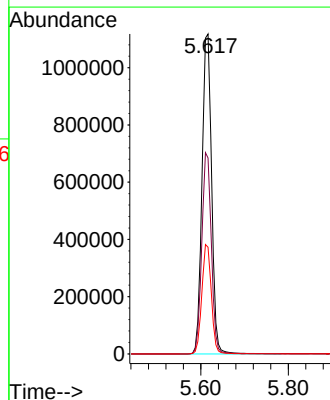
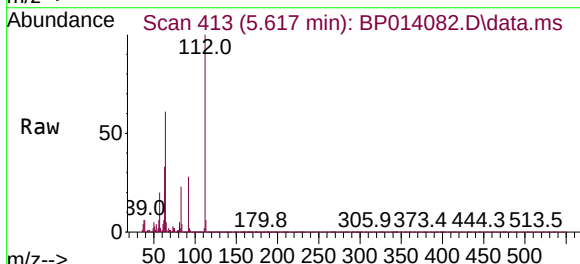
Instrument :
BNA_P
ClientSampleId :
PB151375BL

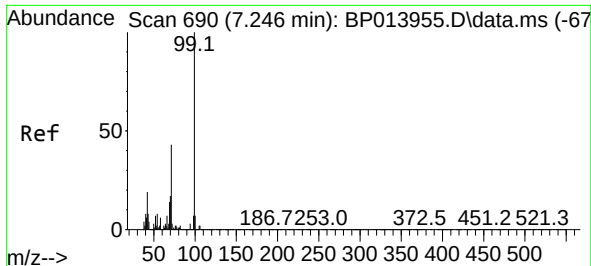
Tgt Ion:152 Resp: 190911
Ion Ratio Lower Upper
152 100
150 155.9 122.3 183.5
115 65.2 51.6 77.4



#5
2-Fluorophenol
Concen: 143.580 ng
RT: 5.617 min Scan# 413
Delta R.T. 0.000 min
Lab File: BP014082.D
Acq: 14 Mar 2023 13:58

Tgt Ion:112 Resp: 1690222
Ion Ratio Lower Upper
112 100
64 61.2 46.7 70.1
63 33.3 26.6 40.0



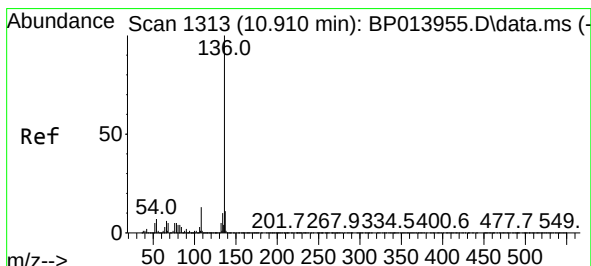
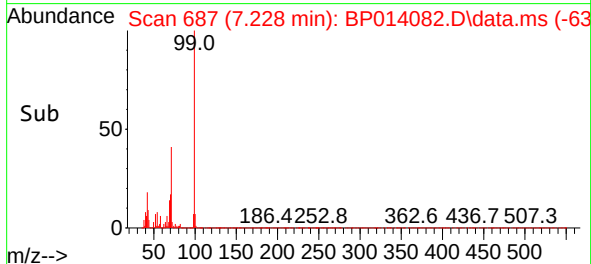
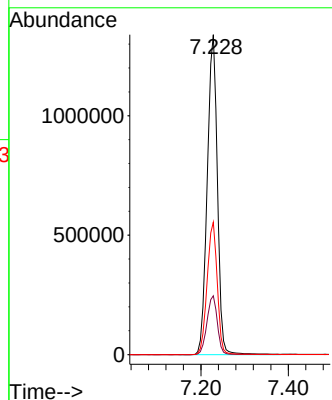
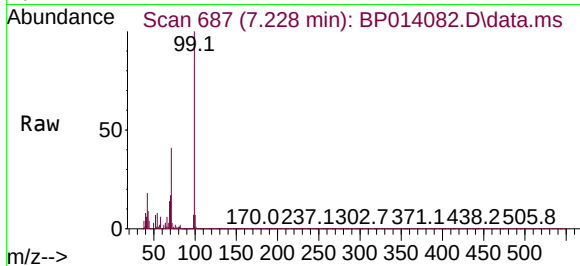


#7
Phenol-d6
Concen: 138.750 ng
RT: 7.228 min Scan# 687
Delta R.T. 0.000 min
Lab File: BP014082.D
Acq: 14 Mar 2023 13:58

Instrument :
BNA_P
ClientSampleId :
PB151375BL

Tgt Ion: 99 Resp: 2144475

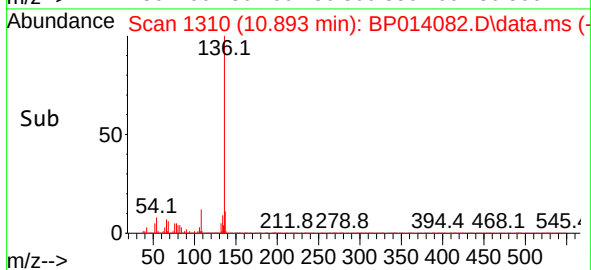
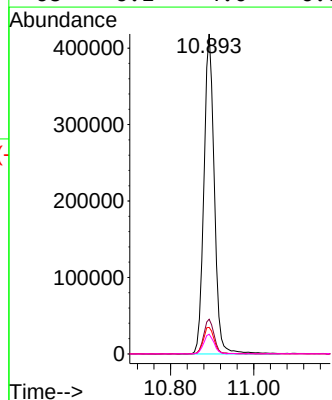
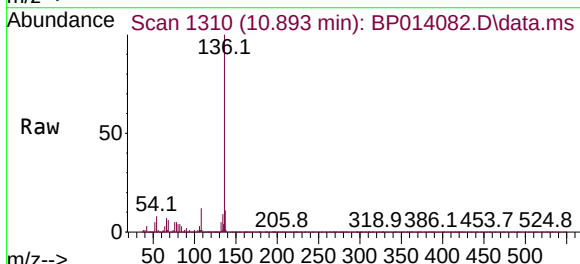
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.0	22.6
71	41.4	34.3	51.5

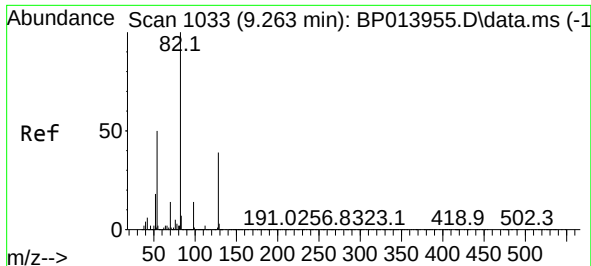


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.893 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP014082.D
Acq: 14 Mar 2023 13:58

Tgt Ion: 136 Resp: 725946

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.3	5.8	8.8
68	6.1	4.0	6.0





#23

Nitrobenzene-d5

Concen: 88.701 ng

RT: 9.246 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP014082.D

Acq: 14 Mar 2023 13:58

Instrument :

BNA_P

ClientSampleId :

PB151375BL

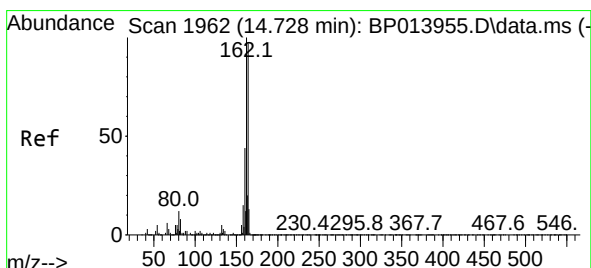
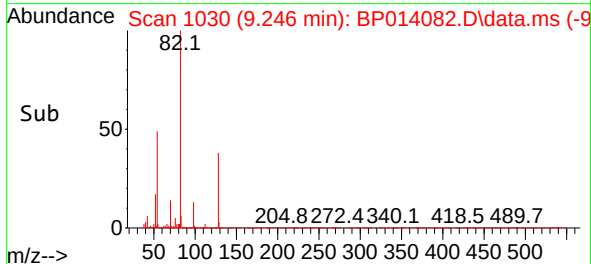
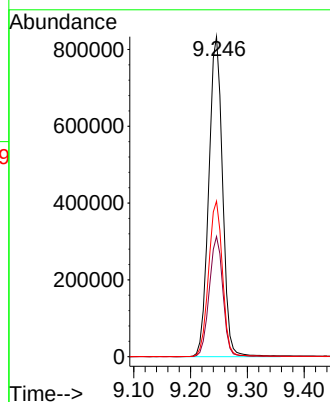
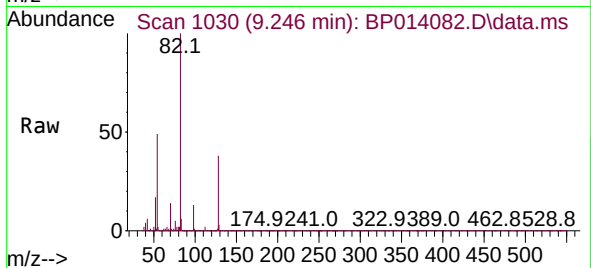
Tgt Ion: 82 Resp: 1408836

Ion Ratio Lower Upper

82 100

128 37.5 31.1 46.7

54 48.6 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1959

Delta R.T. -0.006 min

Lab File: BP014082.D

Acq: 14 Mar 2023 13:58

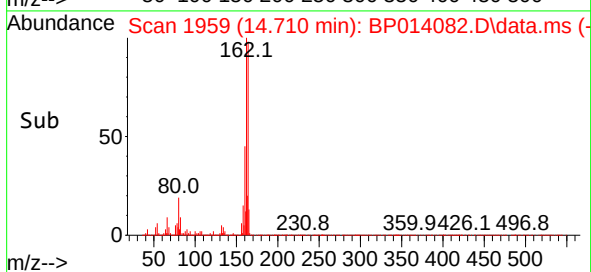
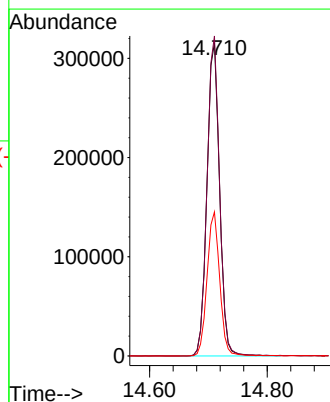
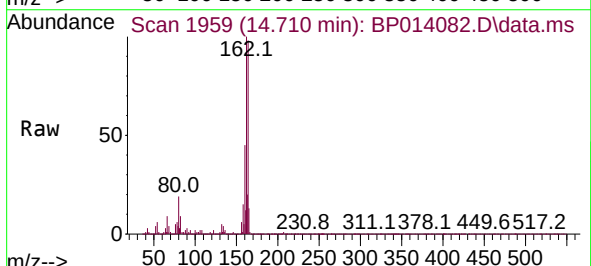
Tgt Ion:164 Resp: 470178

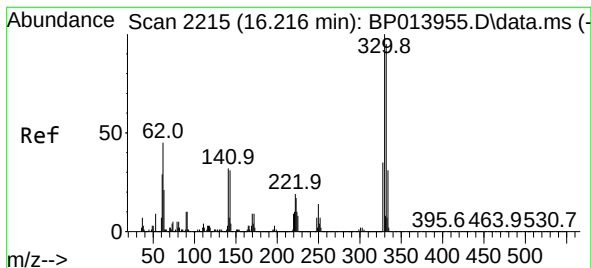
Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

160 45.9 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 127.075 ng

RT: 16.204 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BP014082.D

Acq: 14 Mar 2023 13:58

Instrument :

BNA_P

ClientSampleId :

PB151375BL

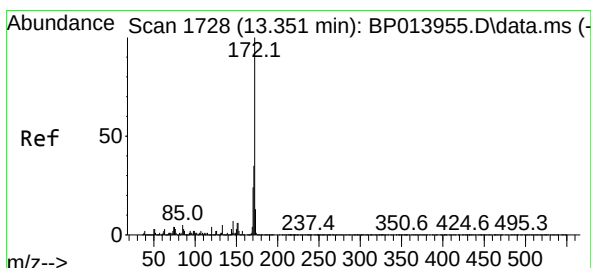
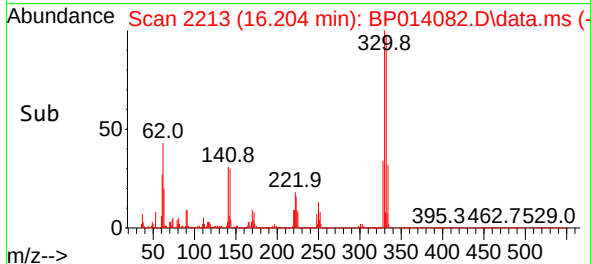
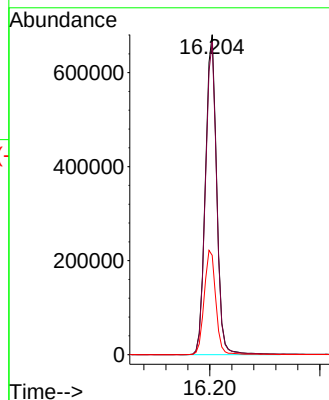
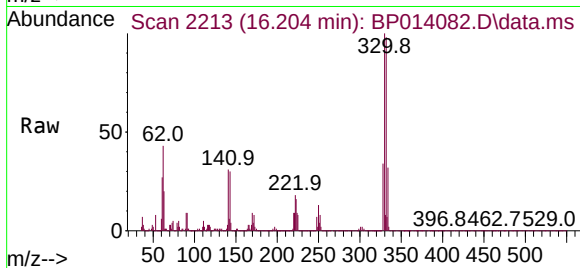
Tgt Ion:330 Resp: 968727

Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 33.6 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 84.524 ng

RT: 13.334 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BP014082.D

Acq: 14 Mar 2023 13:58

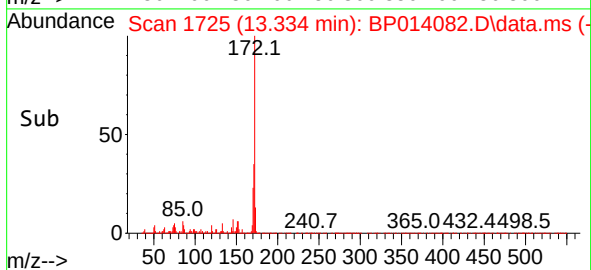
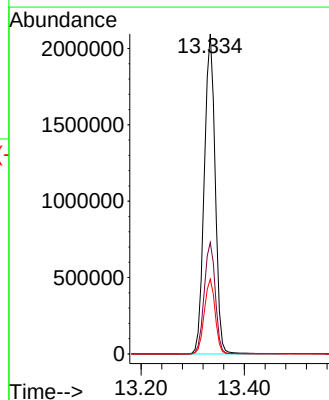
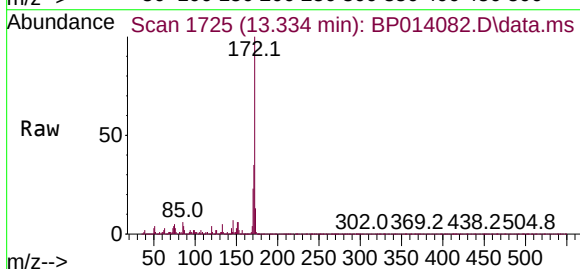
Tgt Ion:172 Resp: 3067465

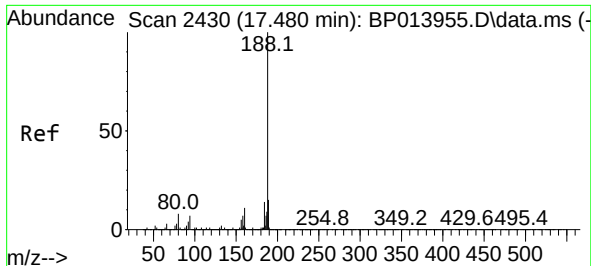
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.4 19.0 28.4

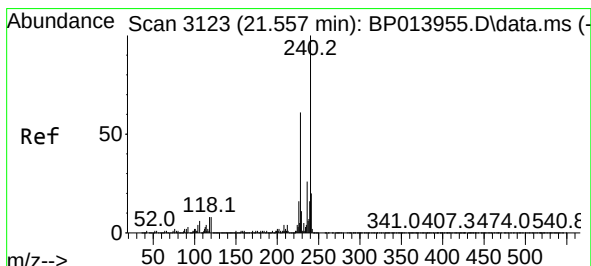
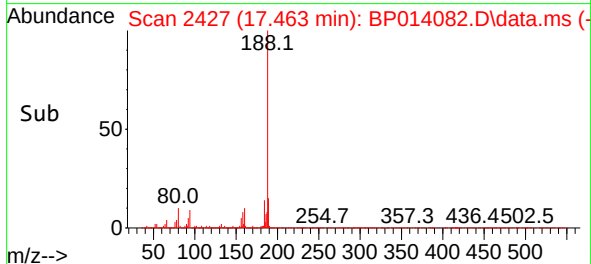
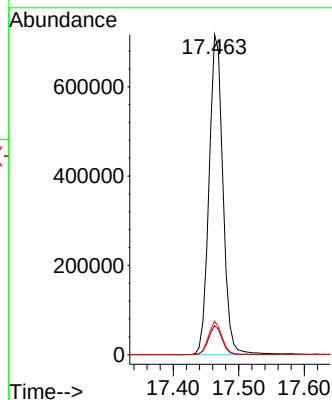
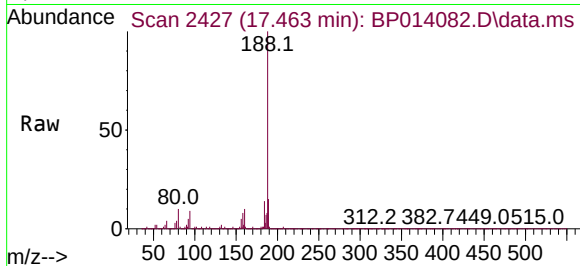




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP014082.D
Acq: 14 Mar 2023 13:58

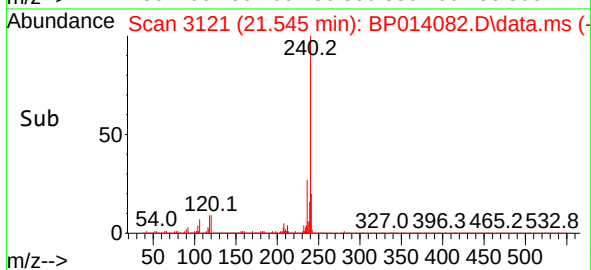
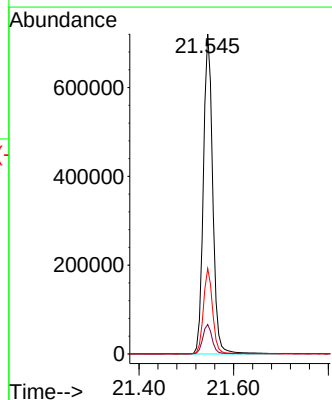
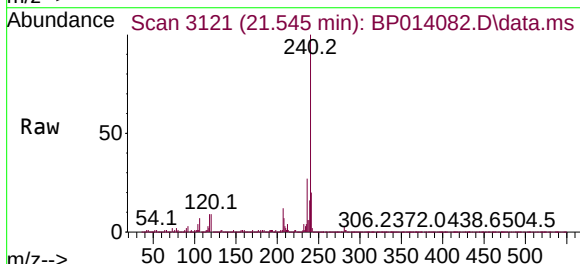
Instrument :
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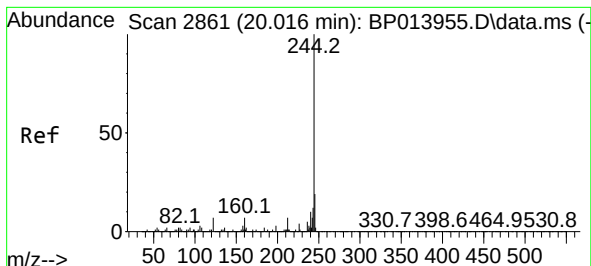
Tgt Ion:188 Resp: 1051864
Ion Ratio Lower Upper
188 100
94 9.0 5.8 8.6#
80 10.4 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BP014082.D
Acq: 14 Mar 2023 13:58

Tgt Ion:240 Resp: 985837
Ion Ratio Lower Upper
240 100
120 9.2 6.4 9.6
236 26.7 21.2 31.8





#79

Terphenyl-d14

Concen: 88.827 ng

RT: 20.004 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014082.D

Acq: 14 Mar 2023 13:58

Instrument :

BNA_P

ClientSampleId :

PB151375BL

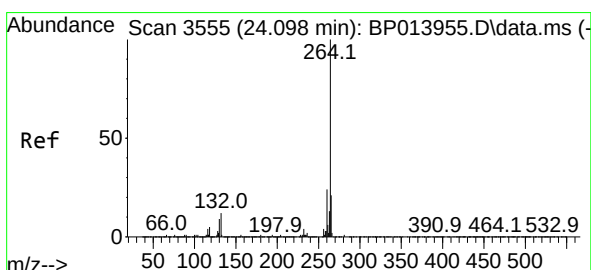
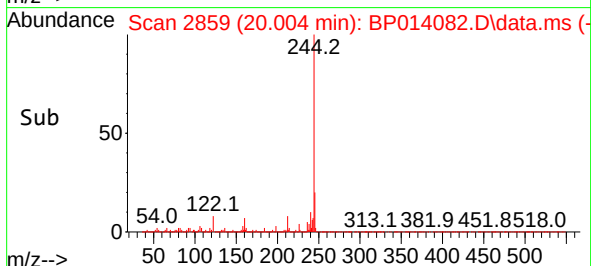
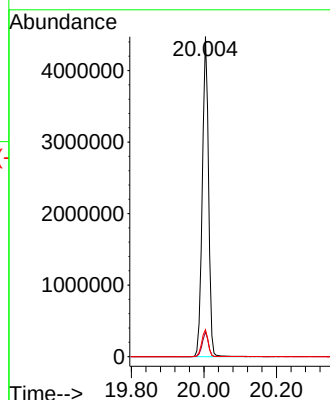
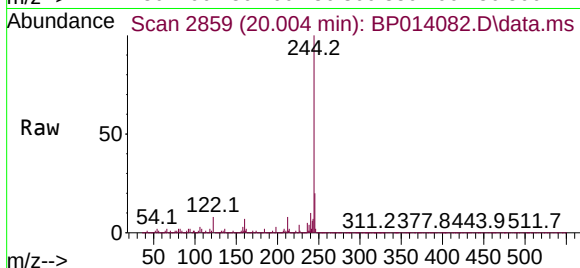
Tgt Ion:244 Resp: 5310588

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 8.4 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.080 min Scan# 3552

Delta R.T. 0.000 min

Lab File: BP014082.D

Acq: 14 Mar 2023 13:58

Tgt Ion:264 Resp: 1015812

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 22.2 17.8 26.8

