

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014121.D
 Acq On : 17 Mar 2023 15:15
 Operator : CG/JU
 Sample : 01928-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 031423-1

Quant Time: Mar 18 00:24:06 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 18 00:19:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	118135	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	435977	20.000	ng	# 0.00
39) Acenaphthene-d10	14.710	164	279341	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	654567	20.000	ng	# 0.00
76) Chrysene-d12	21.551	240	738707	20.000	ng	0.00
86) Perylene-d12	24.092	264	918910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	637183	87.472	ng	0.00
7) Phenol-d6	7.222	99	810978	84.796	ng	0.00
23) Nitrobenzene-d5	9.234	82	516311	54.127	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	395910	87.415	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1008867	46.791	ng	0.00
79) Terphenyl-d14	20.004	244	1924040	42.949	ng	0.00

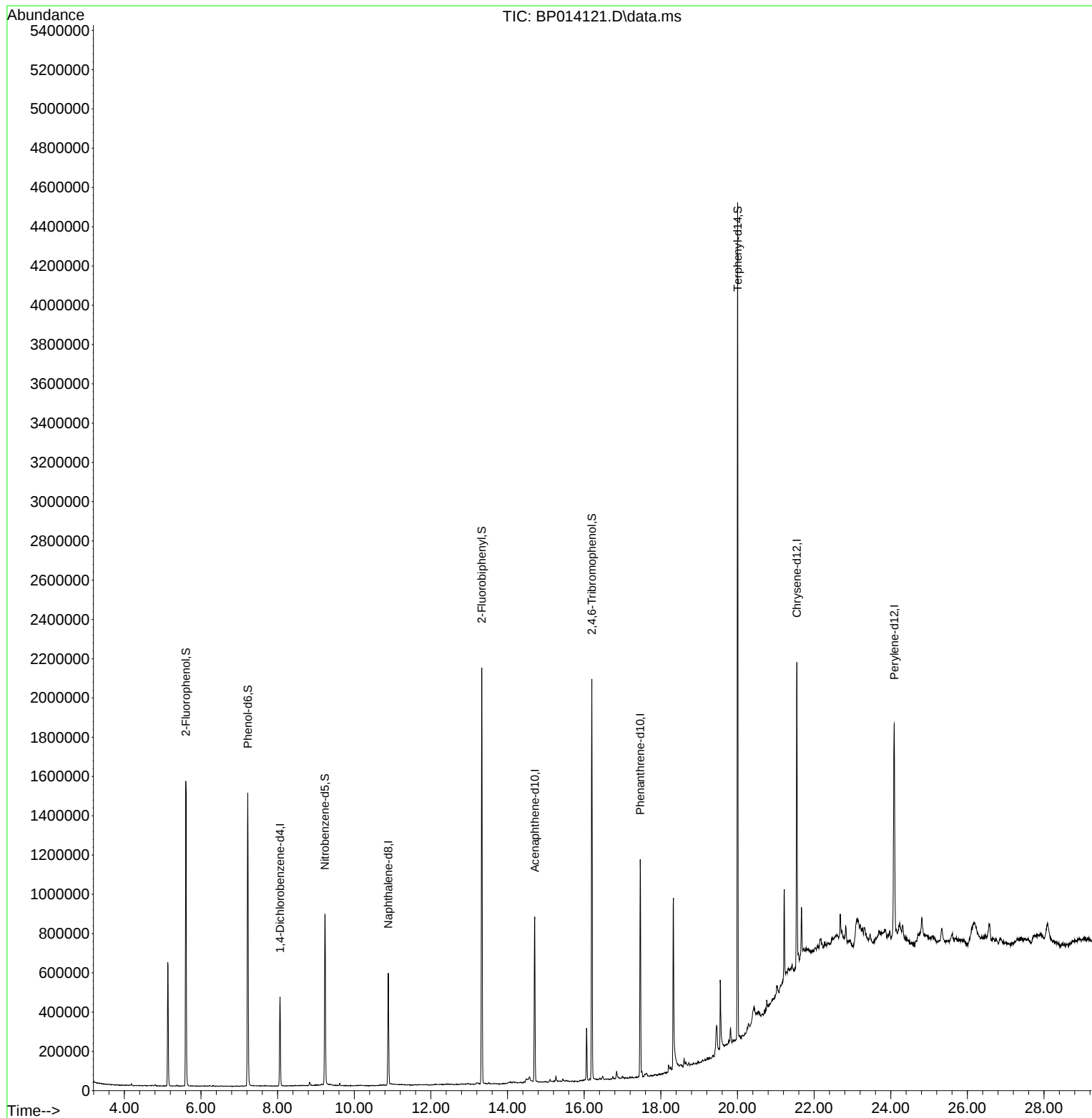
Target Compounds	Qvalue

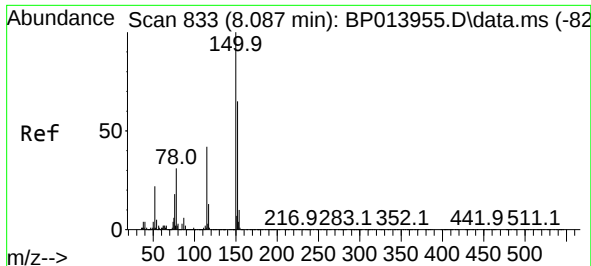
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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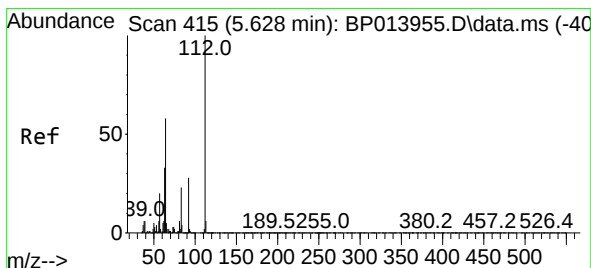
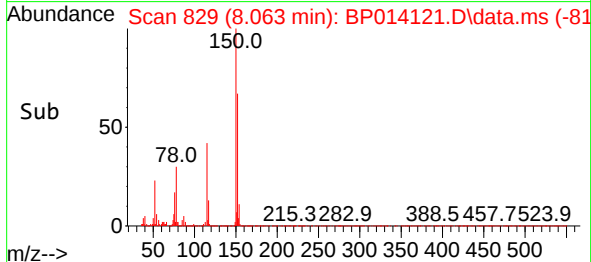
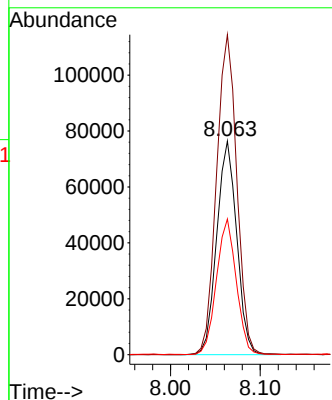
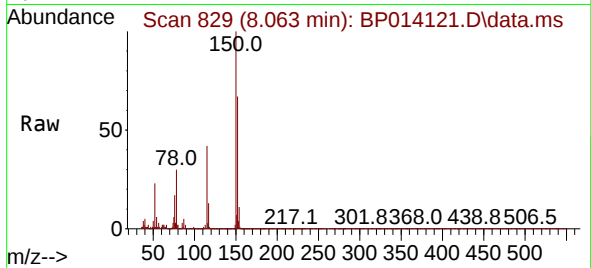




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

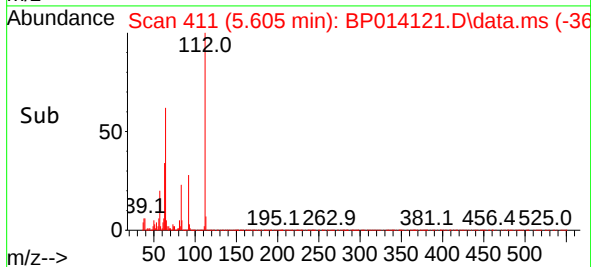
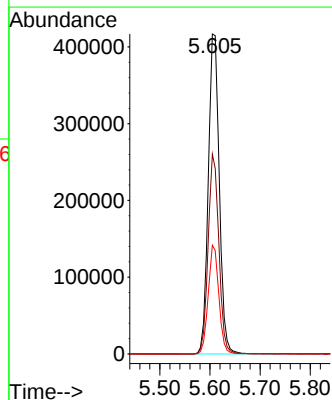
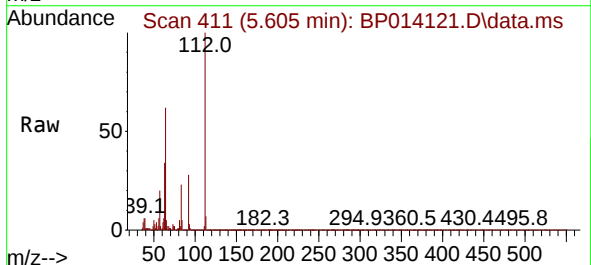
Instrument :
BNA_P
ClientSampleId :
031423-1

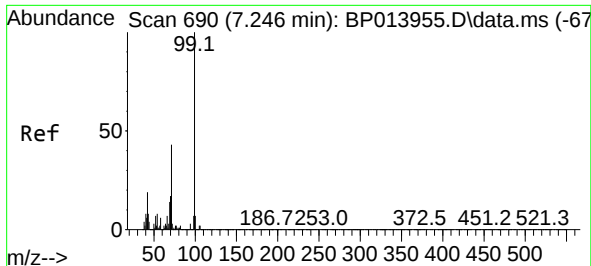
Tgt Ion:152 Resp: 118135
Ion Ratio Lower Upper
152 100
150 149.8 122.3 183.5
115 63.5 51.6 77.4



#5
2-Fluorophenol
Concen: 87.472 ng
RT: 5.605 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

Tgt Ion:112 Resp: 637183
Ion Ratio Lower Upper
112 100
64 62.5 46.7 70.1
63 34.0 26.6 40.0

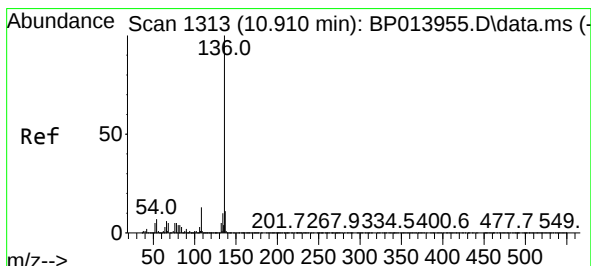
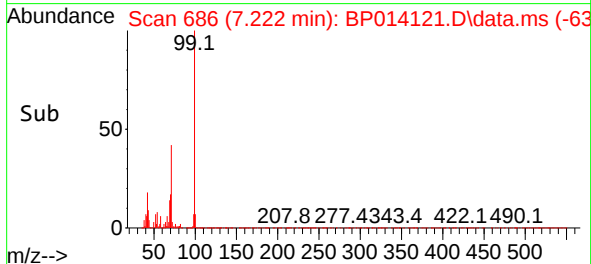
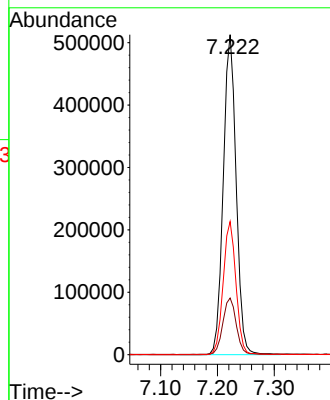
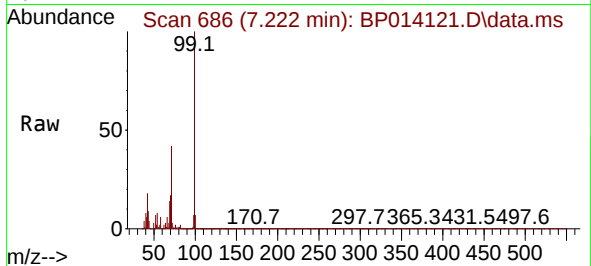




#7
Phenol-d6
Concen: 84.796 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

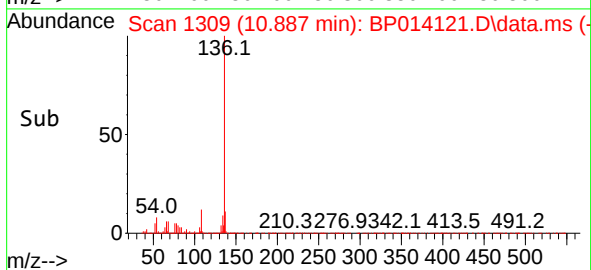
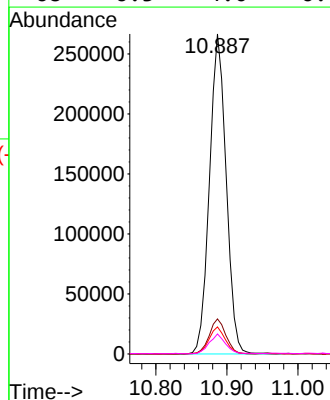
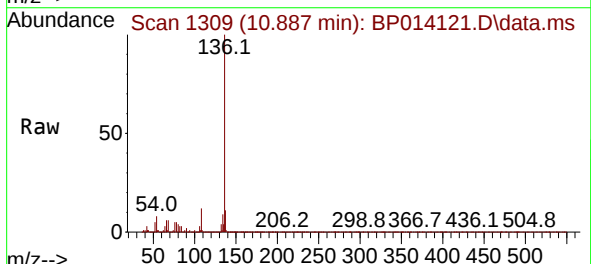
Instrument :
BNA_P
ClientSampleId :
031423-1

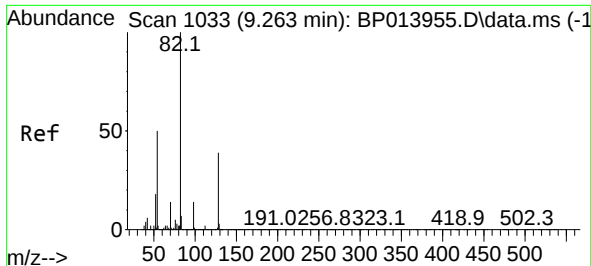
Tgt Ion: 99 Resp: 810978
Ion Ratio Lower Upper
99 100
42 17.7 15.0 22.6
71 41.6 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.887 min Scan# 1309
Delta R.T. -0.000 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

Tgt Ion: 136 Resp: 435977
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.5 5.8 8.8
68 6.3 4.0 6.0

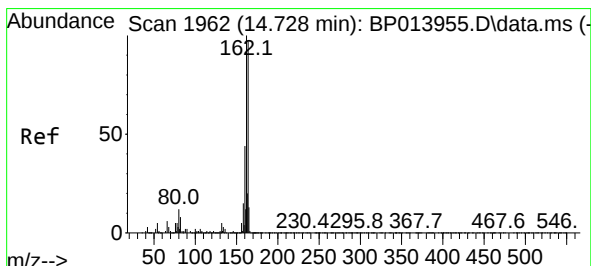
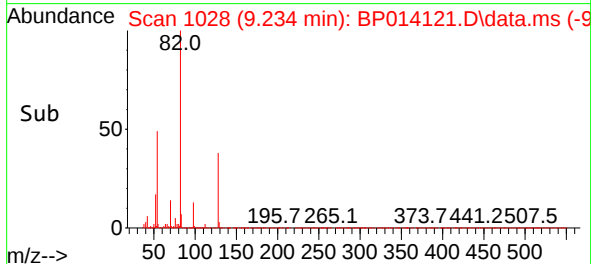
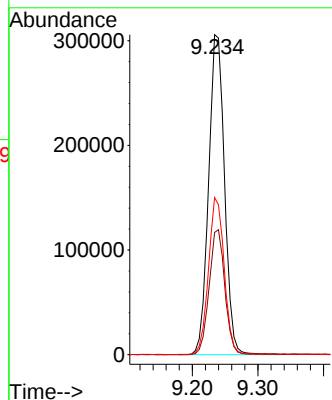
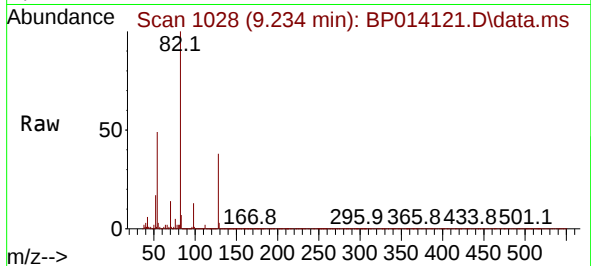




#23
Nitrobenzene-d5
Concen: 54.127 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

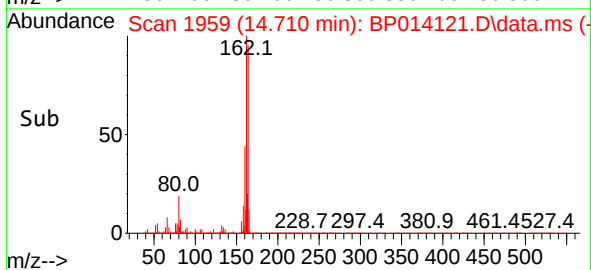
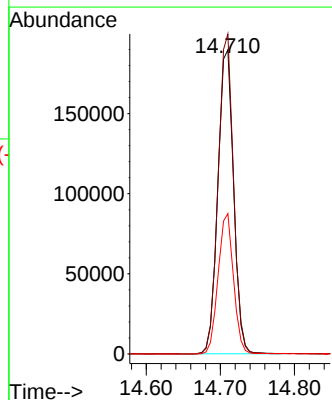
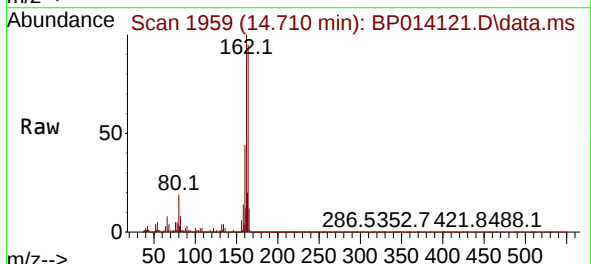
Instrument :
BNA_P
ClientSampleId :
031423-1

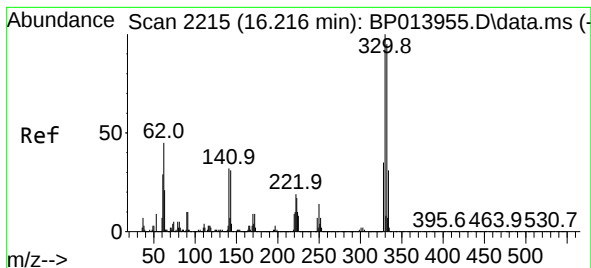
Tgt Ion: 82 Resp: 516311
Ion Ratio Lower Upper
82 100
128 38.2 31.1 46.7
54 49.1 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

Tgt Ion:164 Resp: 279341
Ion Ratio Lower Upper
164 100
162 105.2 82.1 123.1
160 46.2 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 87.415 ng

RT: 16.198 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP014121.D

Acq: 17 Mar 2023 15:15

Instrument :

BNA_P

ClientSampleId :

031423-1

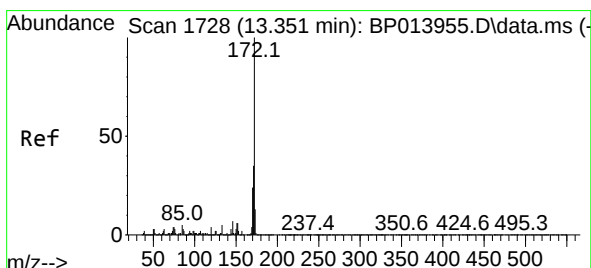
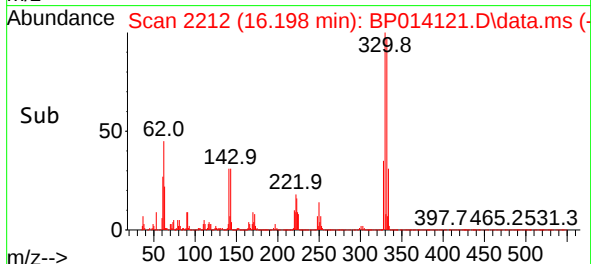
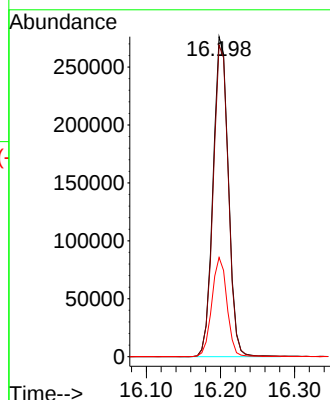
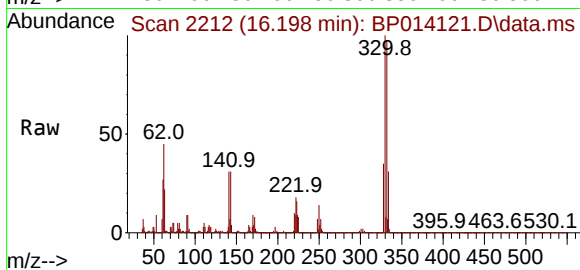
Tgt Ion:330 Resp: 395910

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

141 30.6 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 46.791 ng

RT: 13.328 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BP014121.D

Acq: 17 Mar 2023 15:15

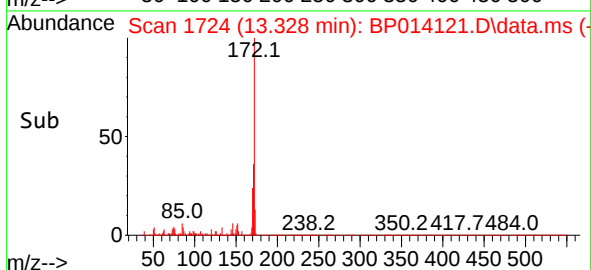
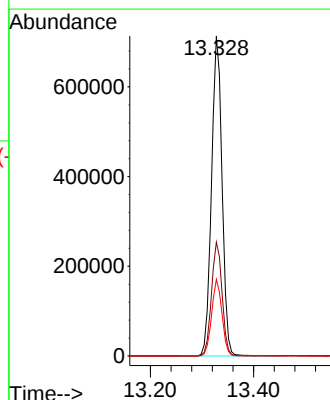
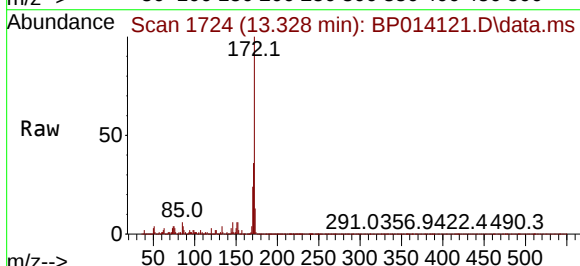
Tgt Ion:172 Resp: 1008867

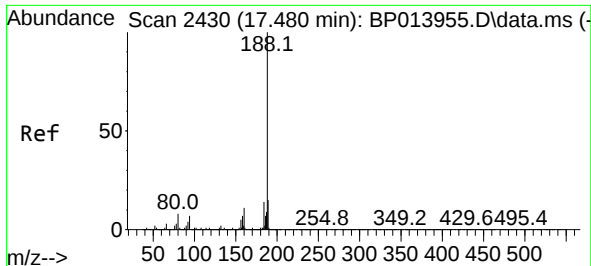
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.9 19.0 28.4

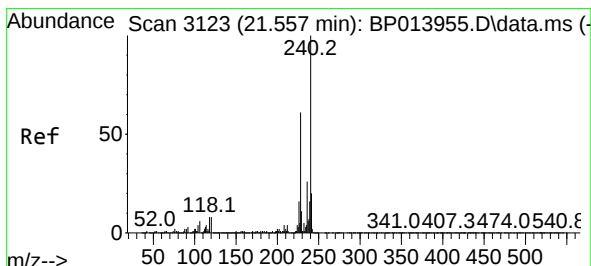
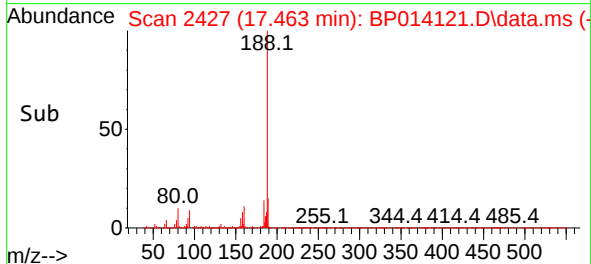
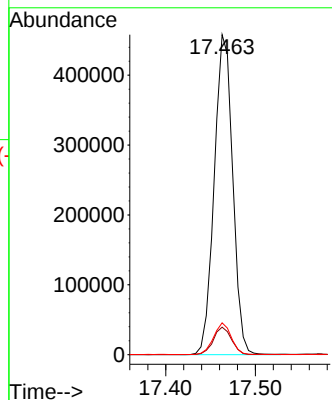
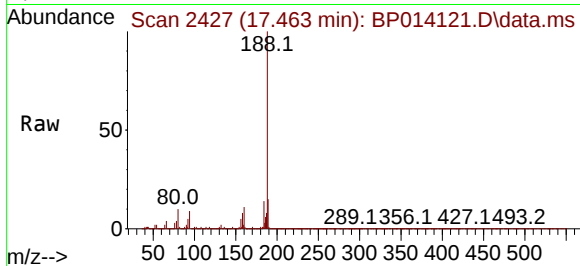




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

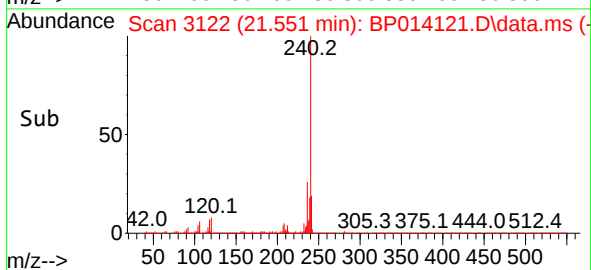
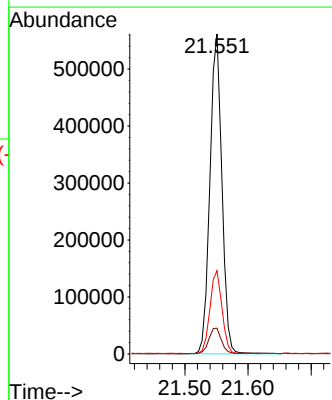
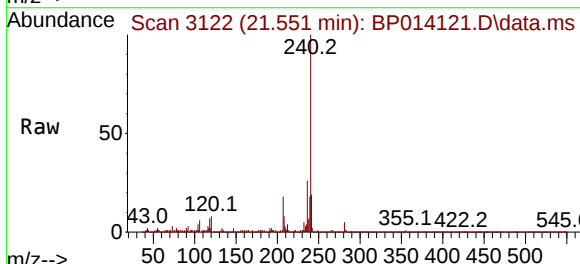
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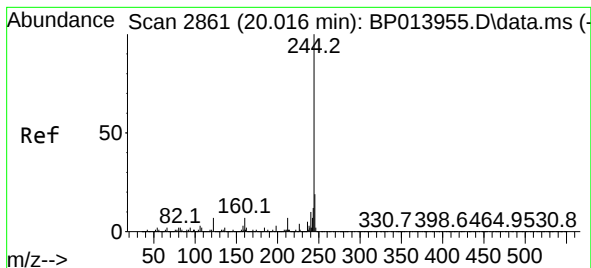
Tgt Ion:188 Resp: 654567
Ion Ratio Lower Upper
188 100
94 8.6 5.8 8.6
80 10.0 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3122
Delta R.T. -0.000 min
Lab File: BP014121.D
Acq: 17 Mar 2023 15:15

Tgt Ion:240 Resp: 738707
Ion Ratio Lower Upper
240 100
120 8.1 6.4 9.6
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 42.949 ng

RT: 20.004 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP014121.D

Acq: 17 Mar 2023 15:15

Instrument :

BNA_P

ClientSampleId :

031423-1

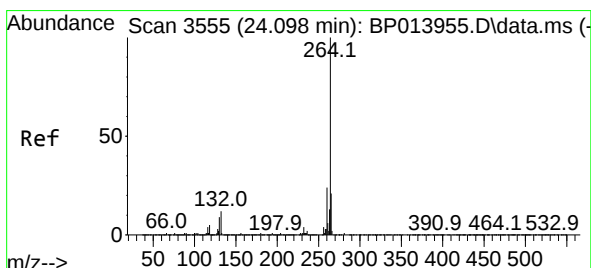
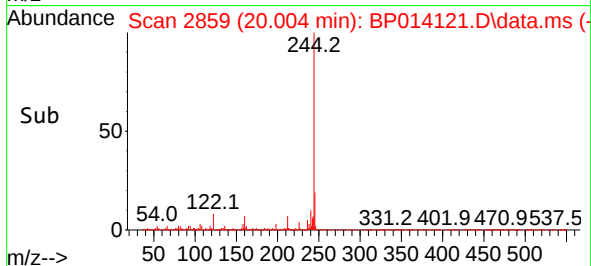
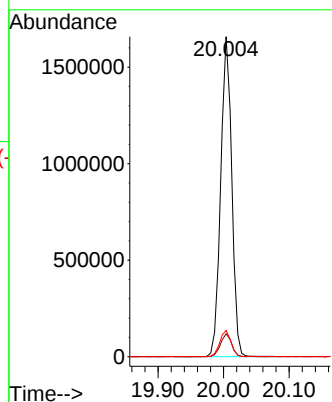
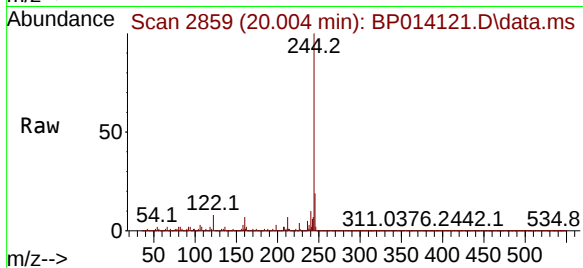
Tgt Ion:244 Resp: 1924040

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.2 5.8 8.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.092 min Scan# 3554

Delta R.T. 0.006 min

Lab File: BP014121.D

Acq: 17 Mar 2023 15:15

Tgt Ion:264 Resp: 918910

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.2 17.8 26.8

