

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
 Data File : BP014130.D
 Acq On : 17 Mar 2023 20:29
 Operator : CG/JU
 Sample : 01954-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SV-TP3-0316

Quant Time: Mar 18 00:27:49 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)

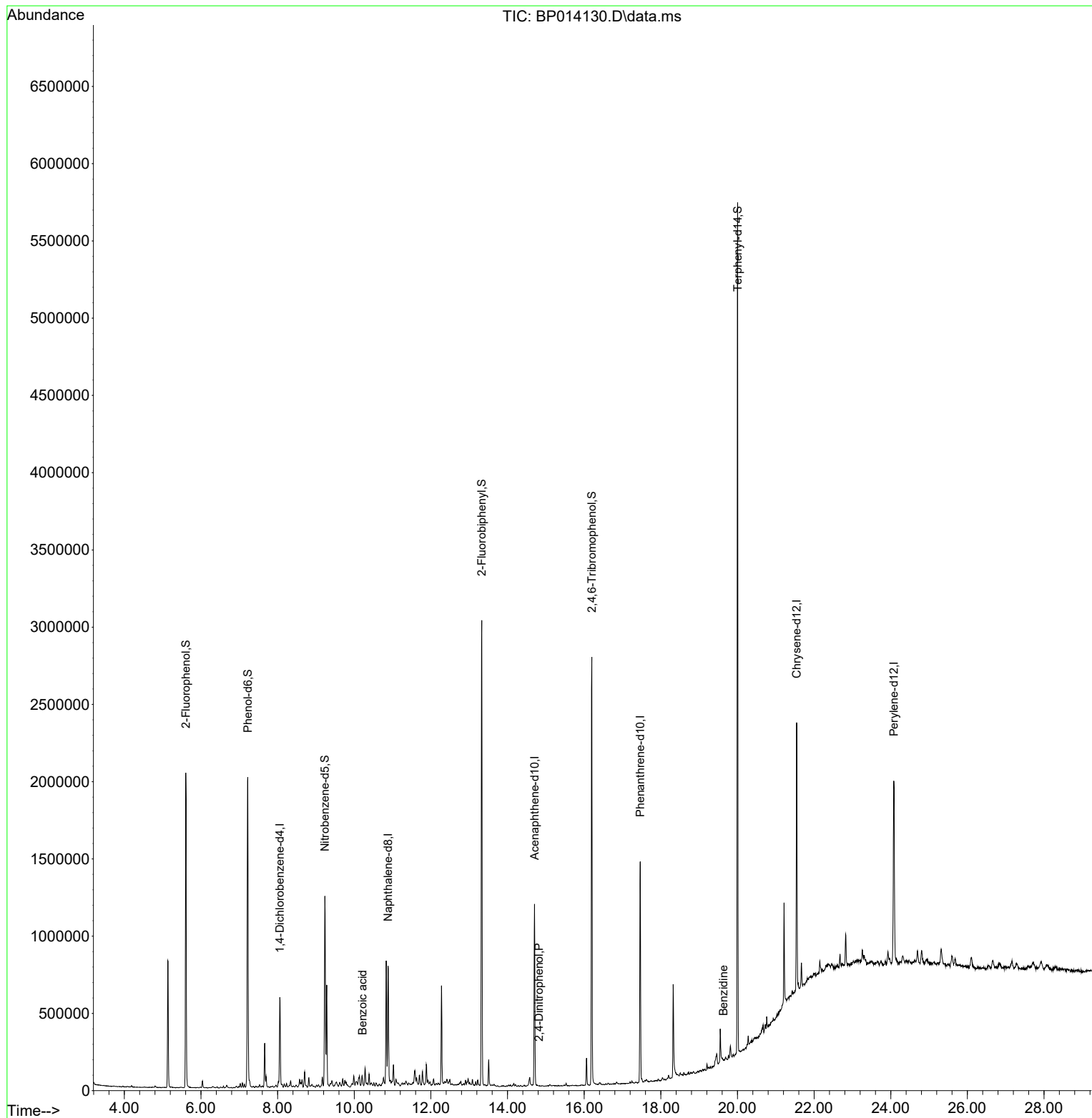
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	154777	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	609966	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	385350	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	845613	20.000	ng	0.00
76) Chrysene-d12	21.545	240	842643	20.000	ng	0.00
86) Perylene-d12	24.080	264	976986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	825558	86.501	ng	0.00
7) Phenol-d6	7.222	99	1133171	90.434	ng	0.00
23) Nitrobenzene-d5	9.234	82	715632	53.623	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	548611	87.808	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1505172	50.605	ng	0.00
79) Terphenyl-d14	20.004	244	2553794	49.975	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.216	122	142	2.718	ng	# 1
54) 2,4-Dinitrophenol	14.822	184	20	3.082	ng	# 1
77) Benzidine	19.633	184	271	2.848	ng	# 1

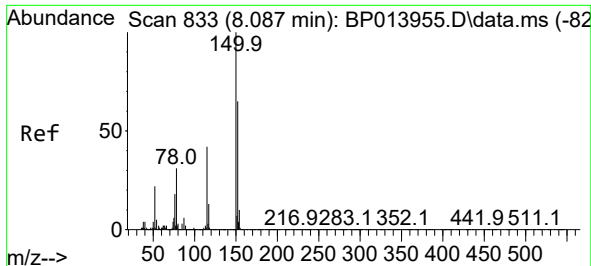
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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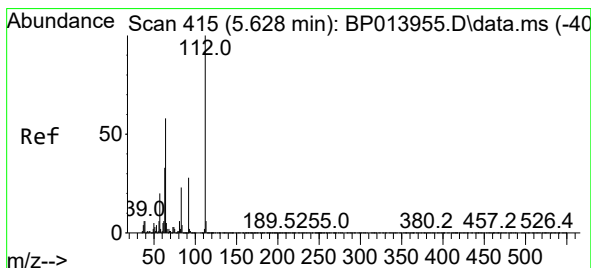
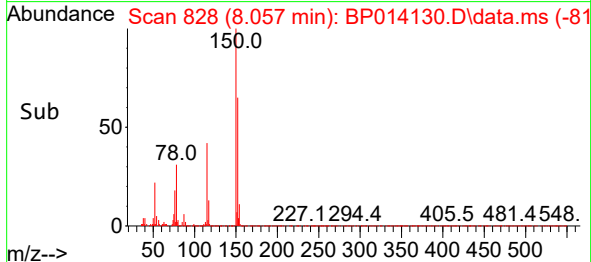
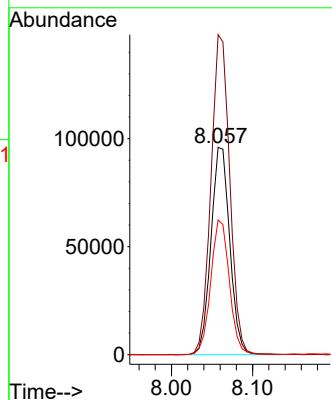
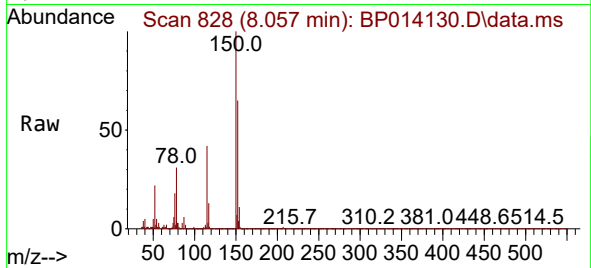




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.057 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

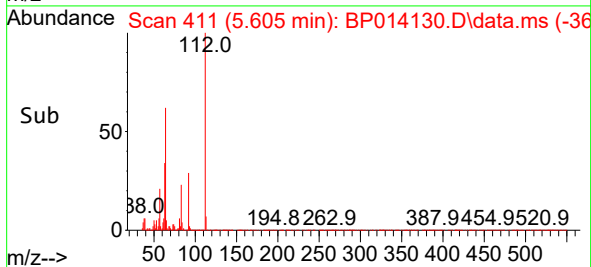
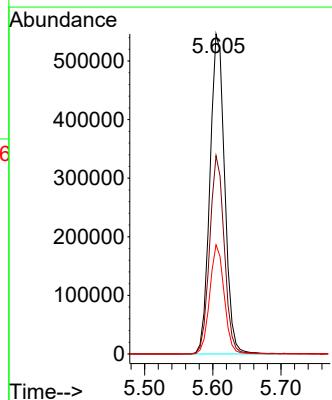
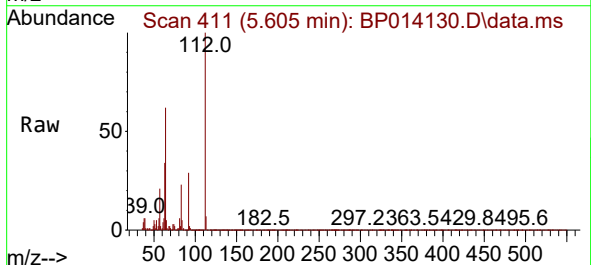
Instrument :
BNA_P
ClientSampleId :
SV-TP3-0316

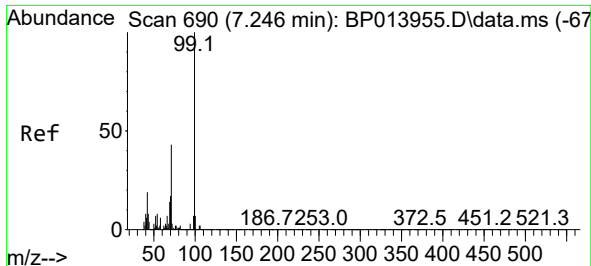
Tgt Ion:152 Resp: 154777
Ion Ratio Lower Upper
152 100
150 154.3 122.3 183.5
115 65.0 51.6 77.4



#5
2-Fluorophenol
Concen: 86.501 ng
RT: 5.605 min Scan# 411
Delta R.T. -0.000 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

Tgt Ion:112 Resp: 825558
Ion Ratio Lower Upper
112 100
64 61.9 46.7 70.1
63 34.1 26.6 40.0

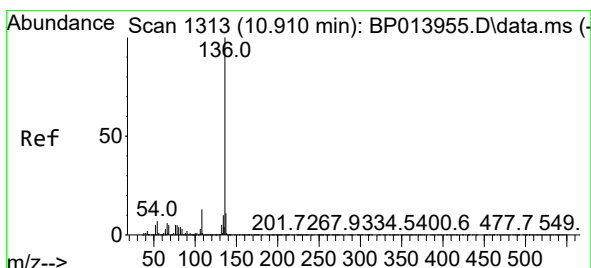
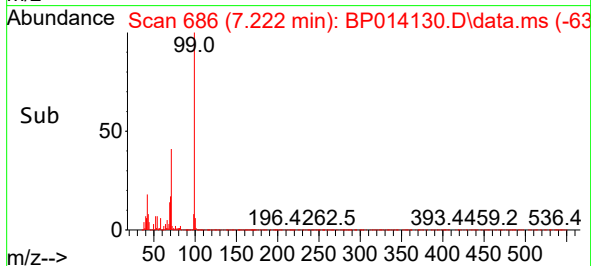
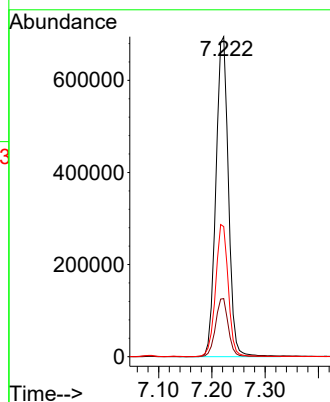
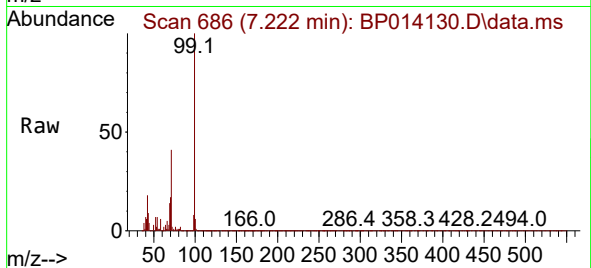




#7
Phenol-d6
Concen: 90.434 ng
RT: 7.222 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

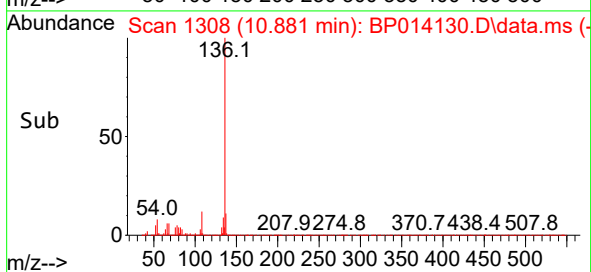
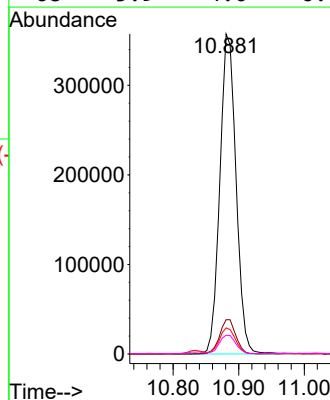
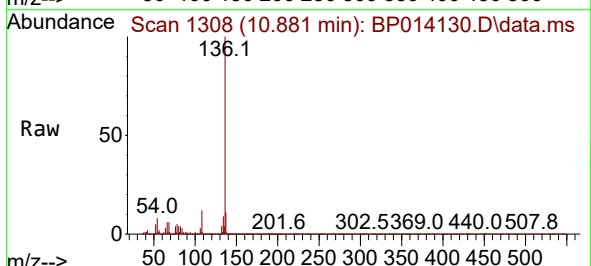
Instrument :
BNA_P
ClientSampleId :
SV-TP3-0316

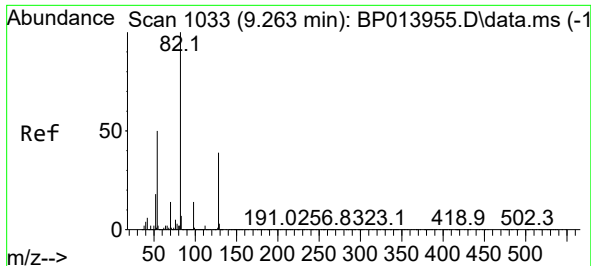
Tgt Ion: 99 Resp: 1133171
Ion Ratio Lower Upper
99 100
42 18.2 15.0 22.6
71 40.6 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

Tgt Ion:136 Resp: 609966
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.2 5.8 8.8
68 5.9 4.0 6.0

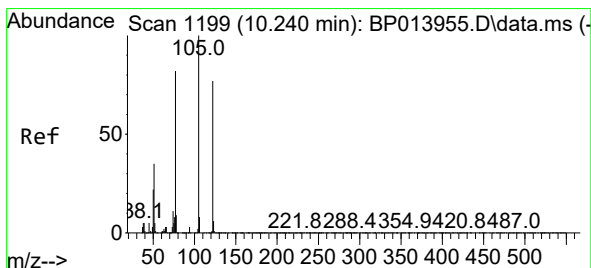
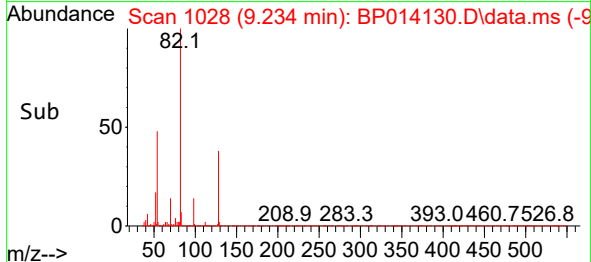
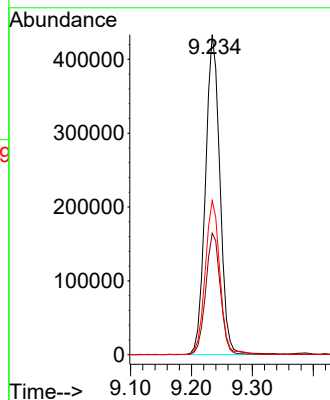
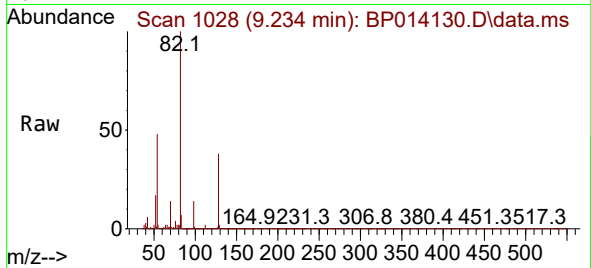




#23
Nitrobenzene-d5
Concen: 53.623 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

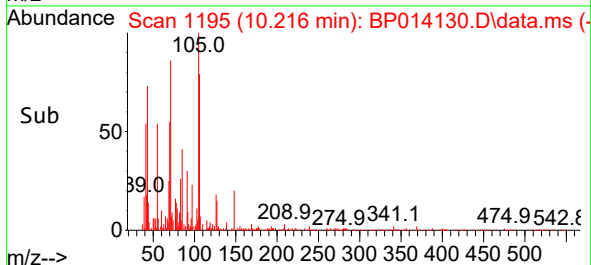
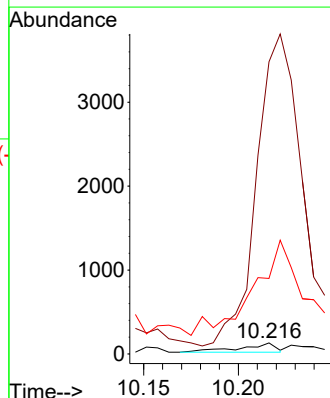
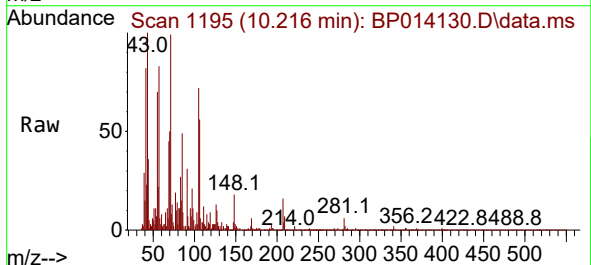
Instrument :
BNA_P
ClientSampleId :
SV-TP3-0316

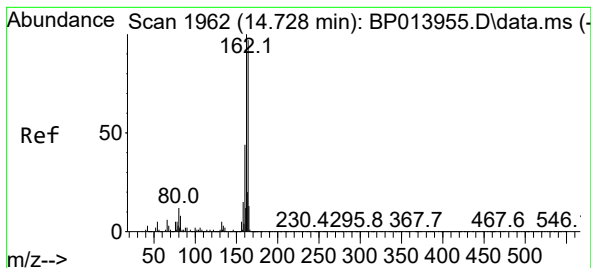
Tgt Ion: 82 Resp: 715632
Ion Ratio Lower Upper
82 100
128 38.0 31.1 46.7
54 48.2 40.0 60.0



#32
Benzoic acid
Concen: 2.718 ng
RT: 10.216 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

Tgt Ion: 122 Resp: 142
Ion Ratio Lower Upper
122 100
105 2637.1 108.2 148.2#
77 681.8 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.704 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BP014130.D

Acq: 17 Mar 2023 20:29

Instrument :

BNA_P

ClientSampleId :

SV-TP3-0316

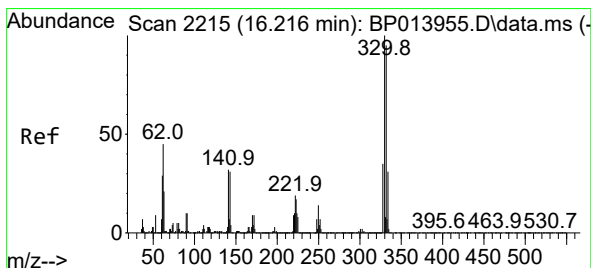
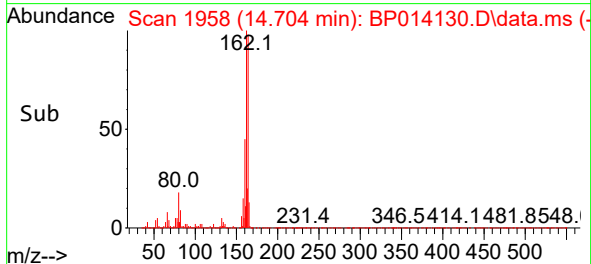
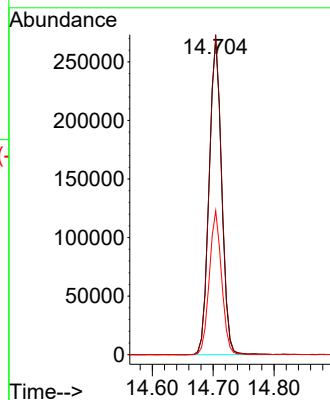
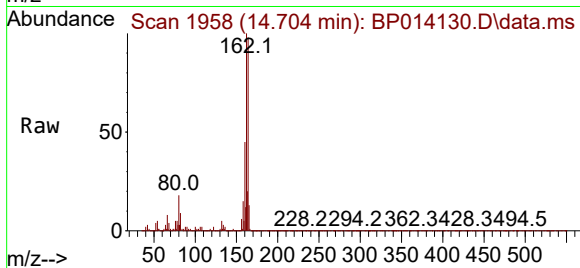
Tgt Ion:164 Resp: 385350

Ion Ratio Lower Upper

164 100

162 101.6 82.1 123.1

160 45.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 87.808 ng

RT: 16.198 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BP014130.D

Acq: 17 Mar 2023 20:29

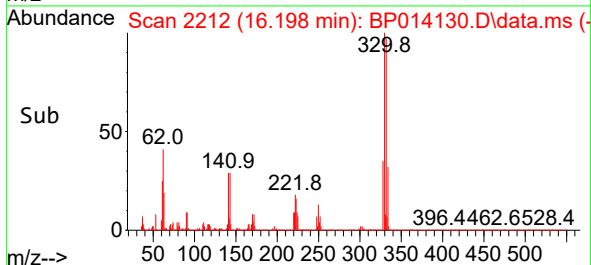
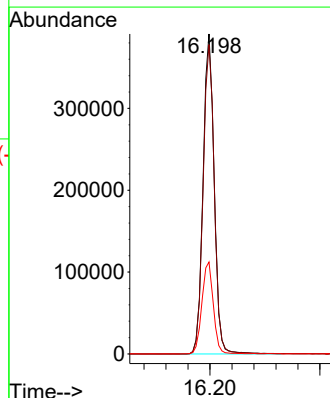
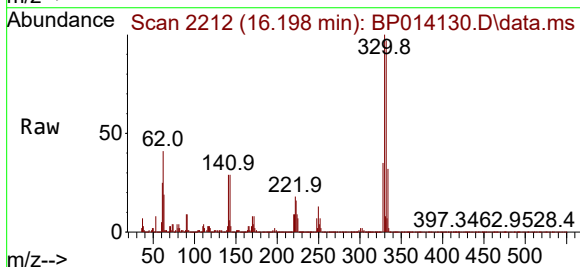
Tgt Ion:330 Resp: 548611

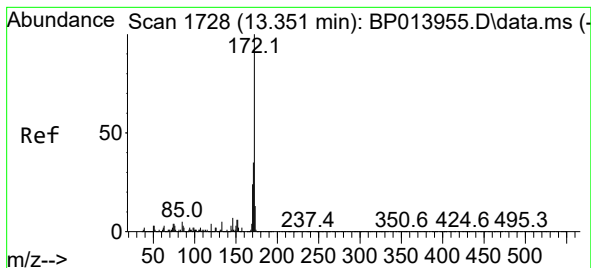
Ion Ratio Lower Upper

330 100

332 97.4 77.1 115.7

141 29.7 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 50.605 ng

RT: 13.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014130.D

Acq: 17 Mar 2023 20:29

Instrument :

BNA_P

ClientSampleId :

SV-TP3-0316

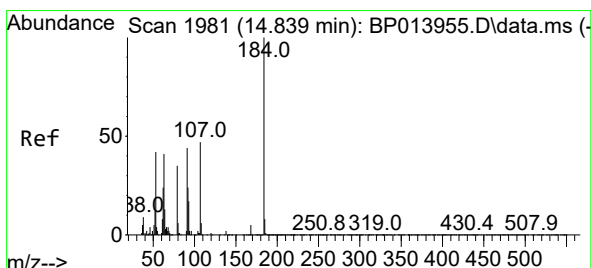
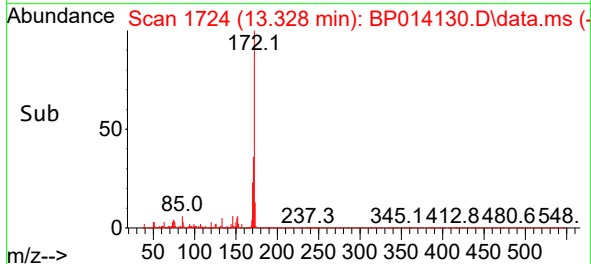
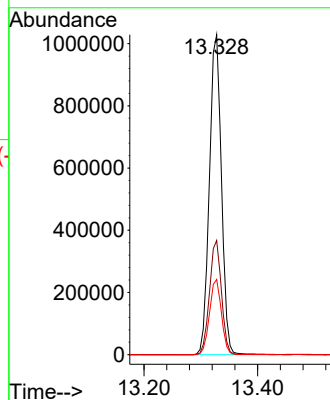
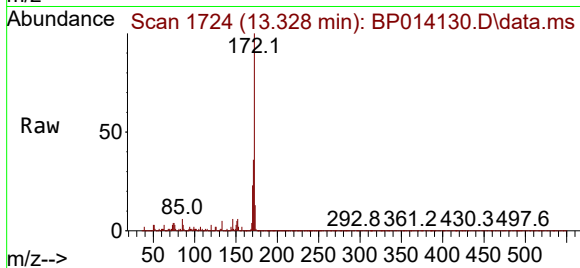
Tgt Ion:172 Resp: 1505172

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.082 ng

RT: 14.822 min Scan# 1978

Delta R.T. -0.000 min

Lab File: BP014130.D

Acq: 17 Mar 2023 20:29

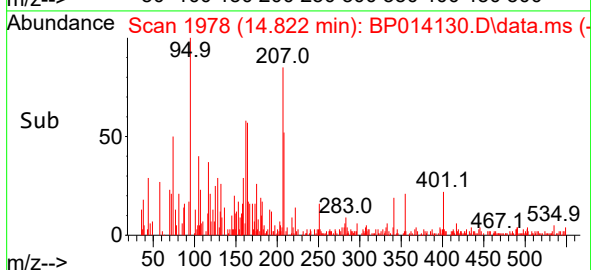
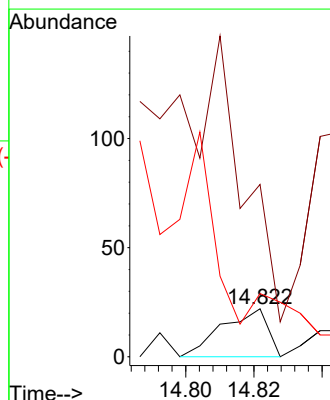
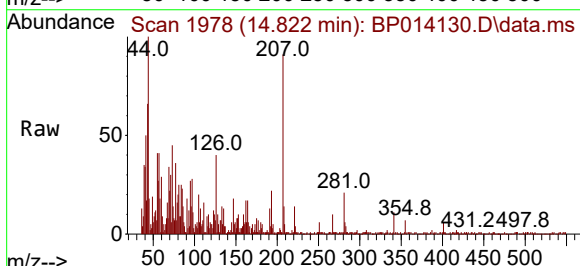
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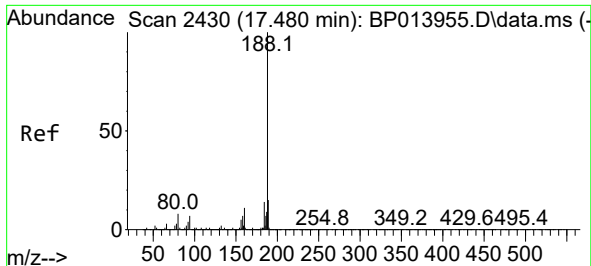
Ion Ratio Lower Upper

184 100

63 359.1 52.4 78.6#

154 131.8 59.4 89.2#

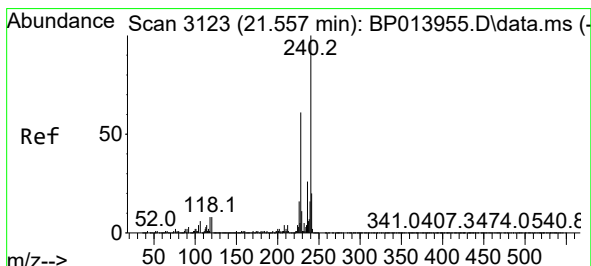
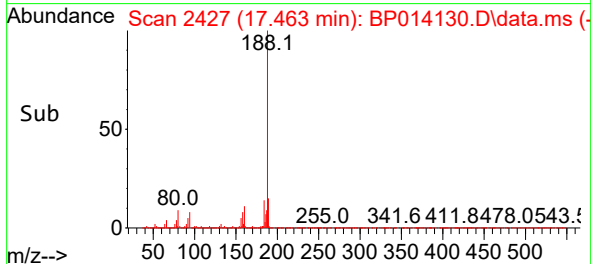
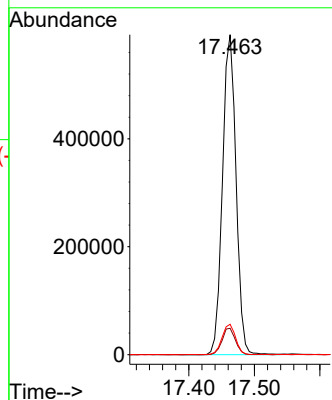
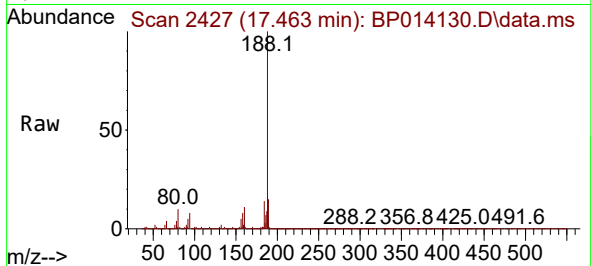




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.463 min Scan# 2430
Delta R.T. -0.006 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

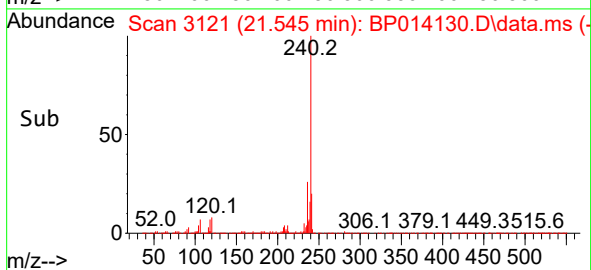
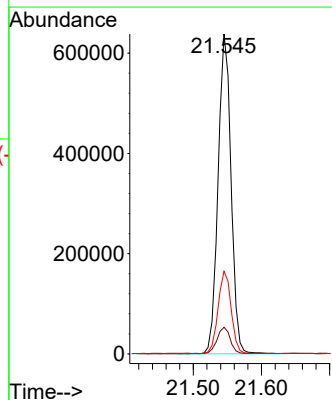
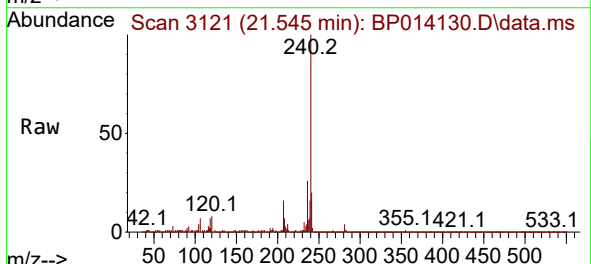
Instrument :
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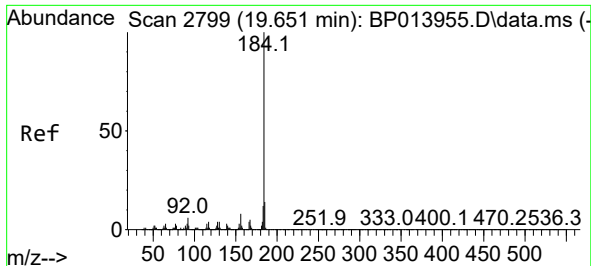
Tgt Ion:188 Resp: 845613
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 9.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.545 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

Tgt Ion:240 Resp: 842643
Ion Ratio Lower Upper
240 100
120 8.4 6.4 9.6
236 25.8 21.2 31.8

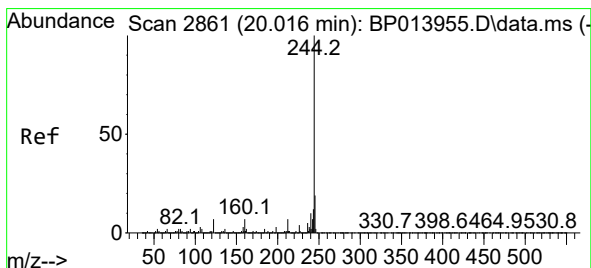
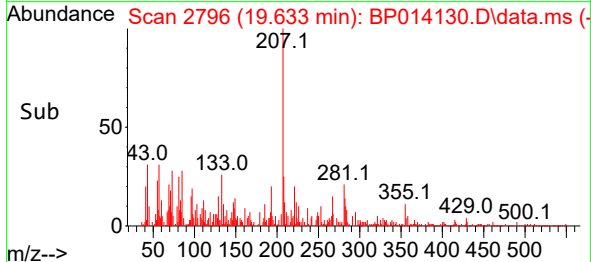
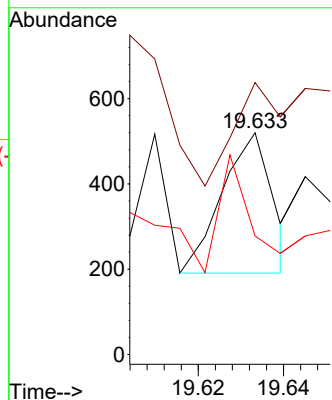
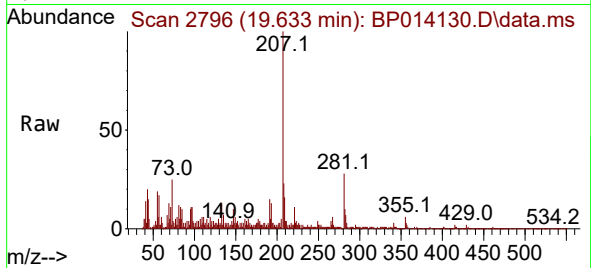




#77
Benzidine
Concen: 2.848 ng
RT: 19.633 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

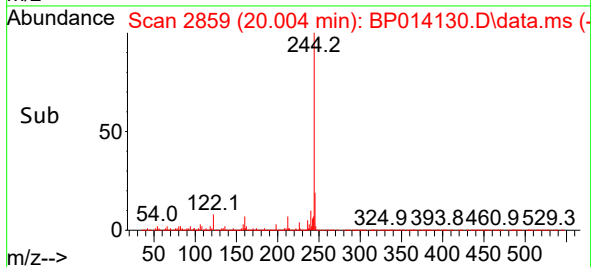
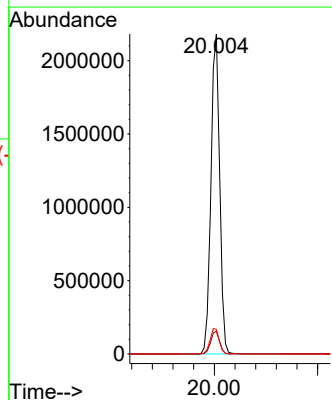
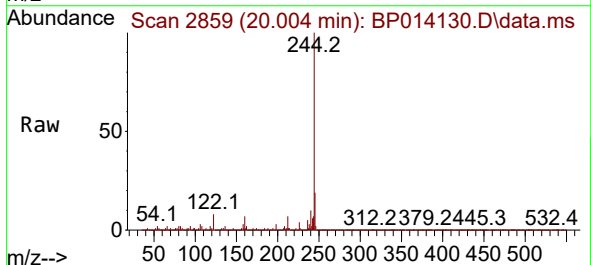
Instrument :
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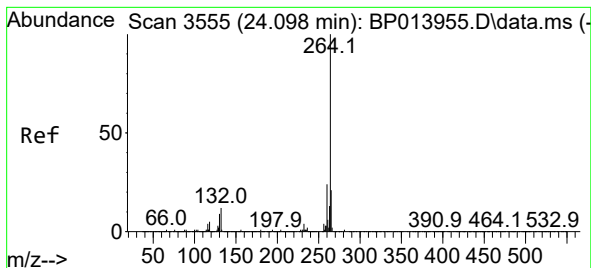
Tgt Ion:184 Resp: 271
Ion Ratio Lower Upper
184 100
185 122.7 11.6 17.4#
183 53.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 49.975 ng
RT: 20.004 min Scan# 2859
Delta R.T. -0.000 min
Lab File: BP014130.D
Acq: 17 Mar 2023 20:29

Tgt Ion:244 Resp: 2553794
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 7.7 5.8 8.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.080 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP014130.D

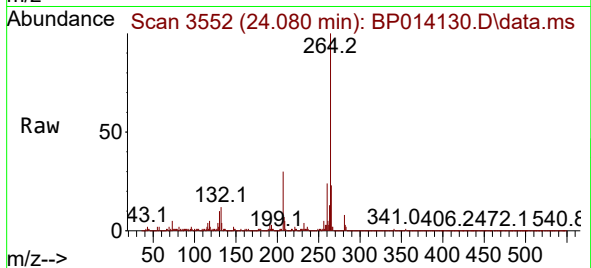
Acq: 17 Mar 2023 20:29

Instrument :

BNA_P

ClientSampleId :

SV-TP3-0316



Tgt Ion:264 Resp: 976986

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 23.1 17.8 26.8

