

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014330.D
 Acq On : 28 Mar 2023 01:09
 Operator : CG/JU
 Sample : 02012-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-23-GW01

Quant Time: Mar 28 02:14:30 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)

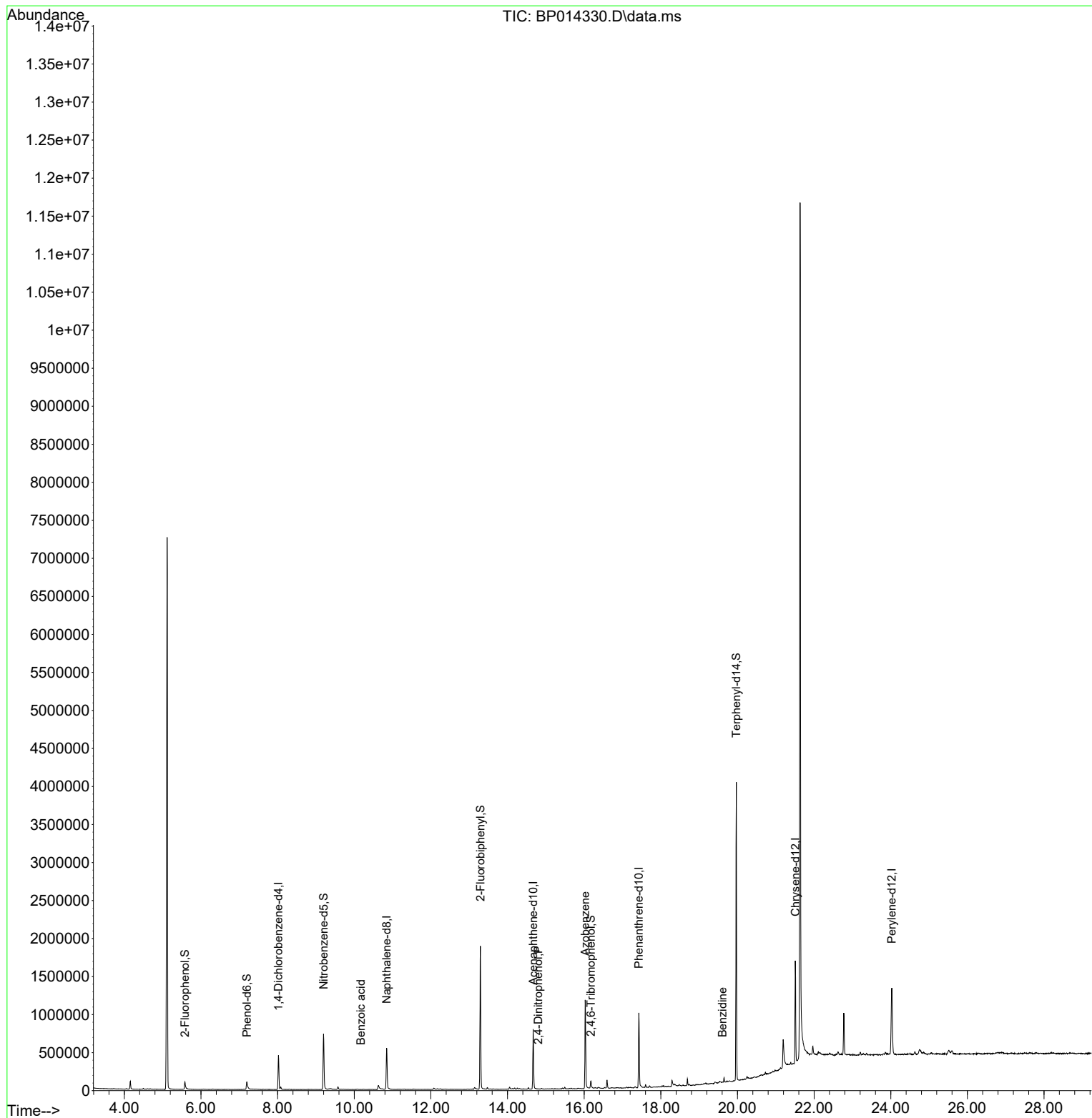
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	112080	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	425438	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	257290	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	591228	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	641748	20.000	ng	0.00
86) Perylene-d12	24.027	264	743600	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	58009	8.394	ng	0.00
7) Phenol-d6	7.199	99	78274	8.626	ng	0.00
23) Nitrobenzene-d5	9.199	82	444411	47.744	ng	-0.01
42) 2,4,6-Tribromophenol	16.175	330	21369	5.123	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	920207	46.337	ng	0.00
79) Terphenyl-d14	19.969	244	1722846	44.268	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.169	122	10	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.798	184	11	3.082	ng	# 1
63) Azobenzene	16.028	77	367594	18.955	ng	# 4
77) Benzidine	19.610	184	119	2.843	ng	# 1

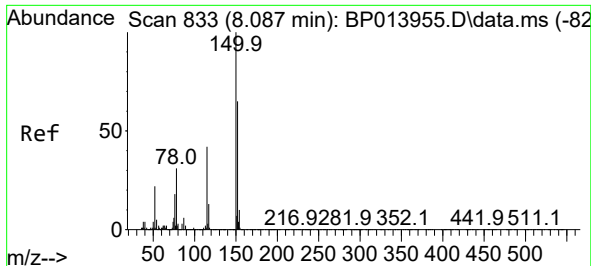
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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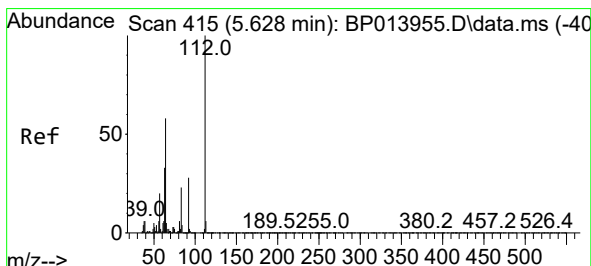
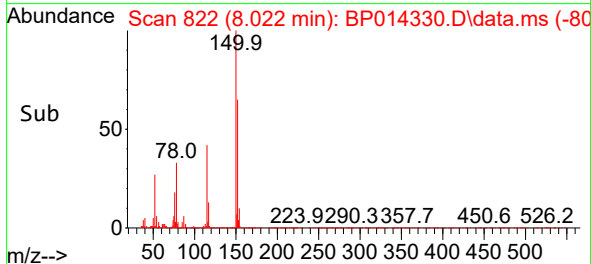
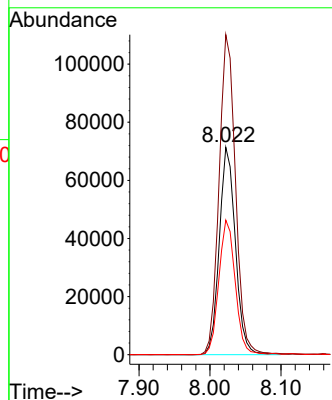
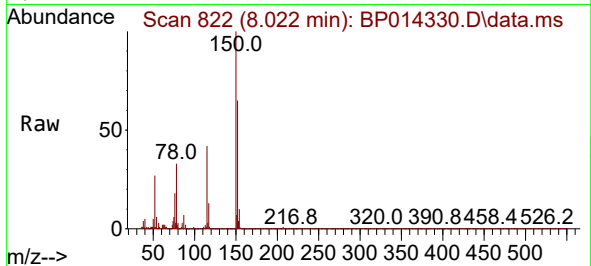




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

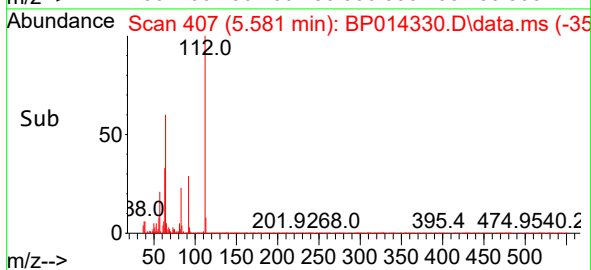
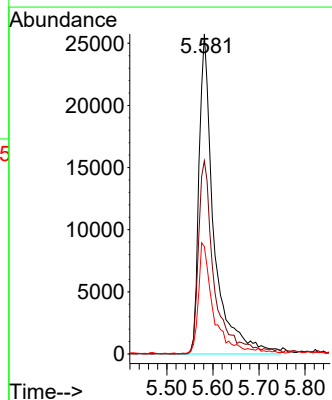
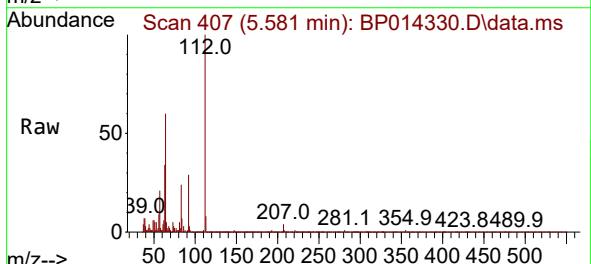
Instrument :
BNA_P
ClientSampleId :
B-23-GW01

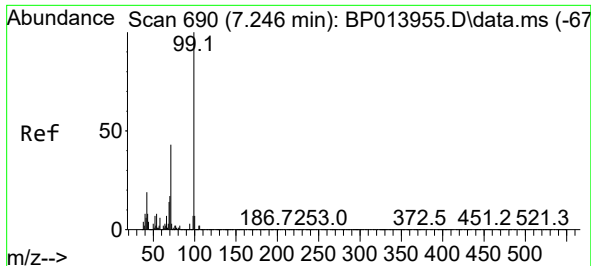
Tgt Ion:152 Resp: 112080
Ion Ratio Lower Upper
152 100
150 154.3 122.3 183.5
115 64.9 51.6 77.4



#5
2-Fluorophenol
Concen: 8.394 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

Tgt Ion:112 Resp: 58009
Ion Ratio Lower Upper
112 100
64 60.4 46.7 70.1
63 33.5 26.6 40.0

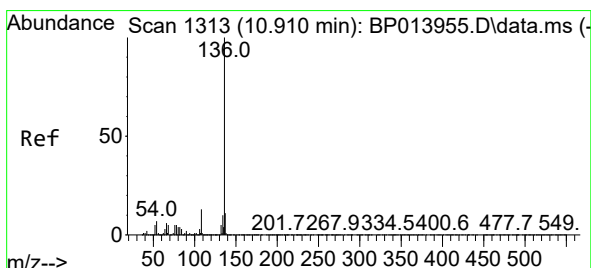
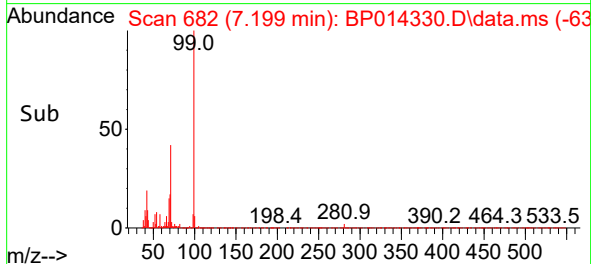
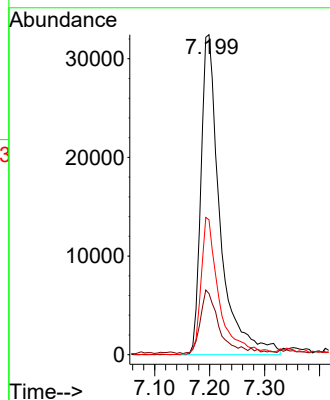
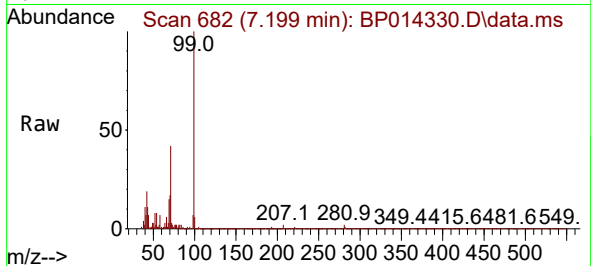




#7
Phenol-d6
Concen: 8.626 ng
RT: 7.199 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

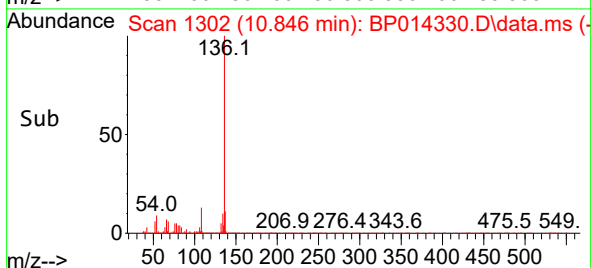
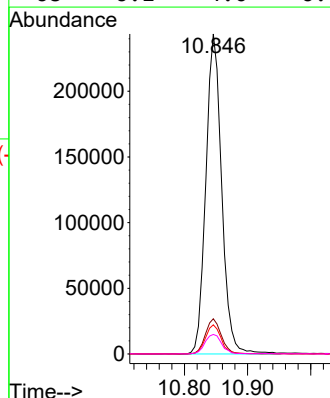
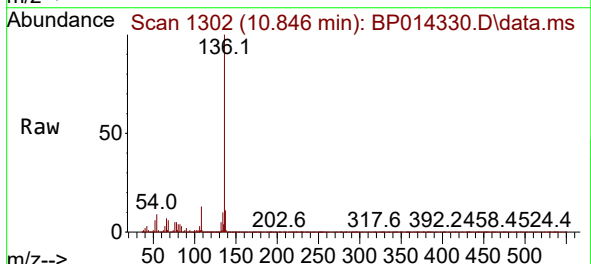
Instrument :
BNA_P
ClientSampleId :
B-23-GW01

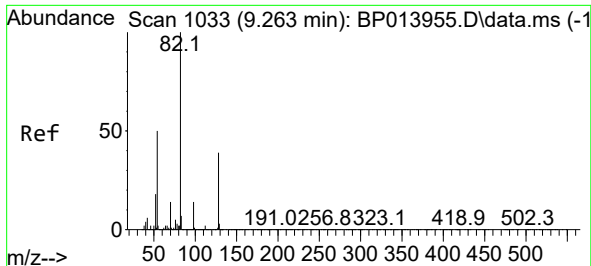
Tgt Ion: 99 Resp: 78274
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.6
71 42.2 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

Tgt Ion:136 Resp: 425438
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.1 5.8 8.8#
68 6.1 4.0 6.0#

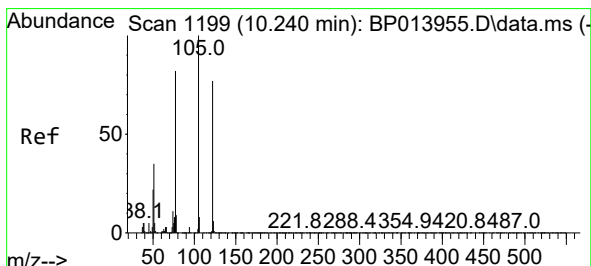
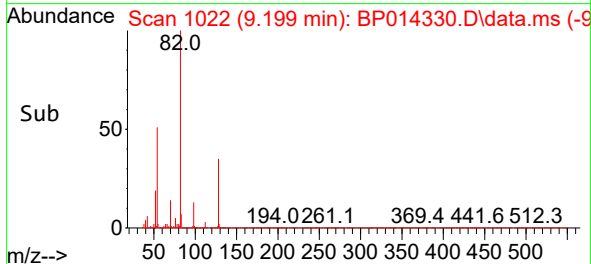
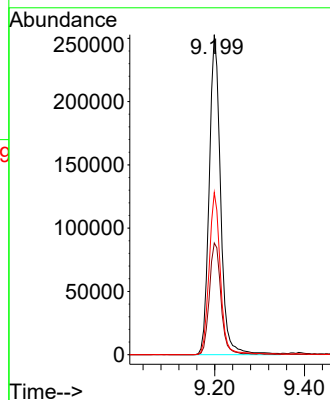
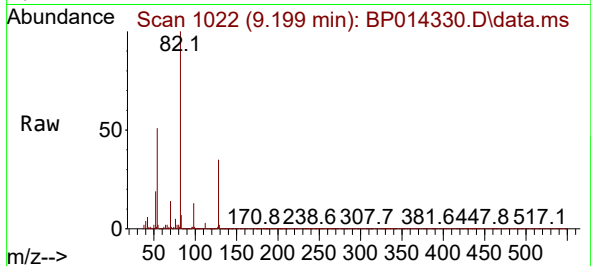




#23
Nitrobenzene-d5
Concen: 47.744 ng
RT: 9.199 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

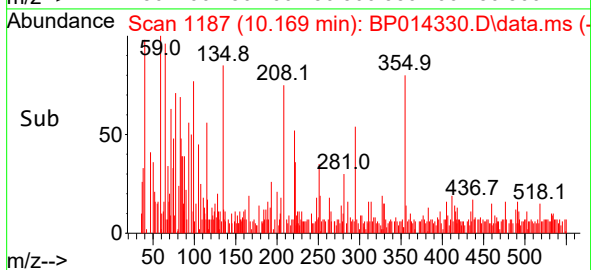
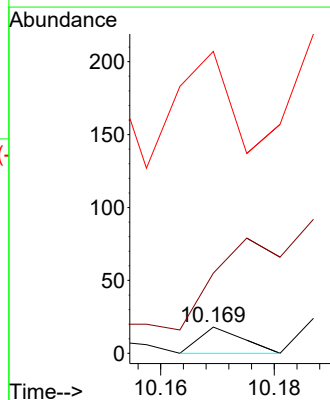
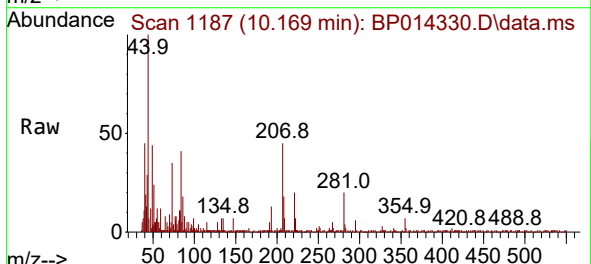
Instrument :
BNA_P
ClientSampleId :
B-23-GW01

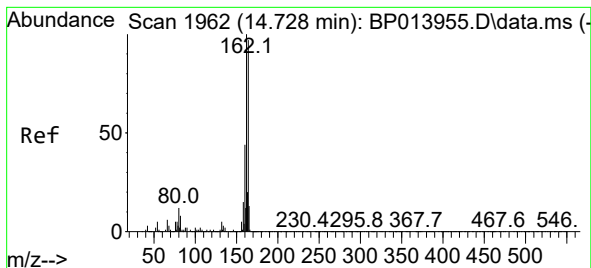
Tgt Ion: 82 Resp: 444411
Ion Ratio Lower Upper
82 100
128 34.9 31.1 46.7
54 50.7 40.0 60.0



#32
Benzoic acid
Concen: 2.703 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

Tgt Ion:122 Resp: 10
Ion Ratio Lower Upper
122 100
105 305.6 108.2 148.2#
77 1150.0 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.669 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BP014330.D

Acq: 28 Mar 2023 01:09

Instrument :

BNA_P

ClientSampleId :

B-23-GW01

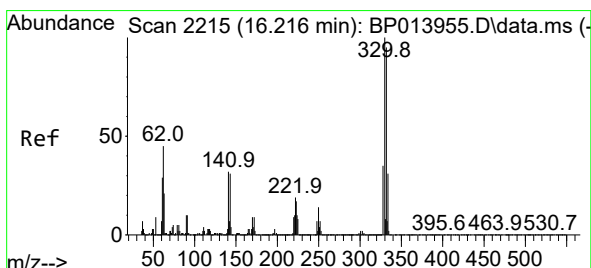
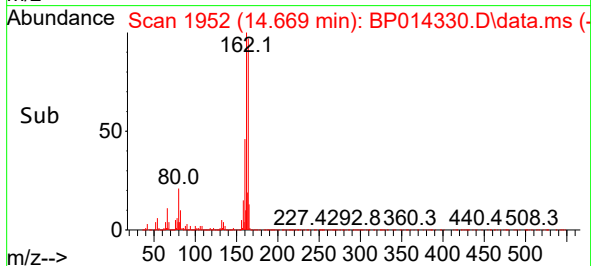
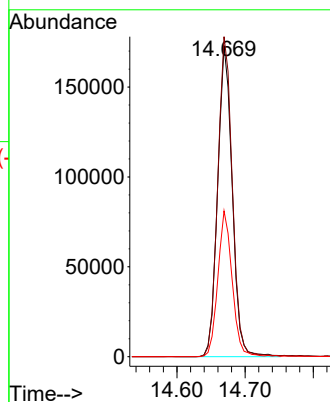
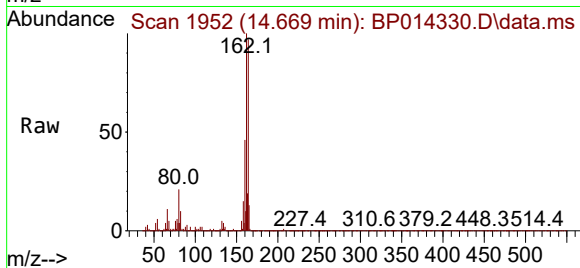
Tgt Ion:164 Resp: 257290

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

160 46.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 5.123 ng

RT: 16.175 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BP014330.D

Acq: 28 Mar 2023 01:09

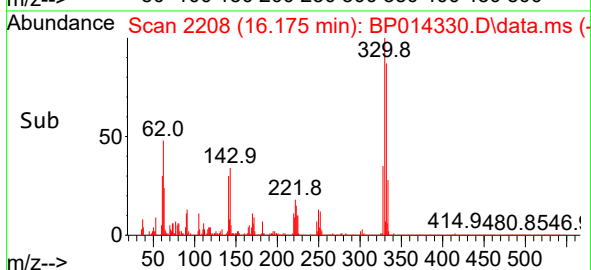
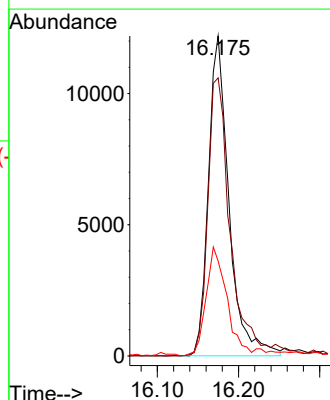
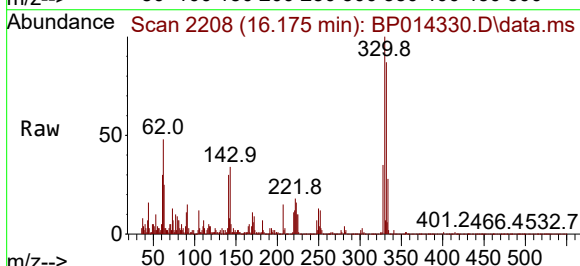
Tgt Ion:330 Resp: 21369

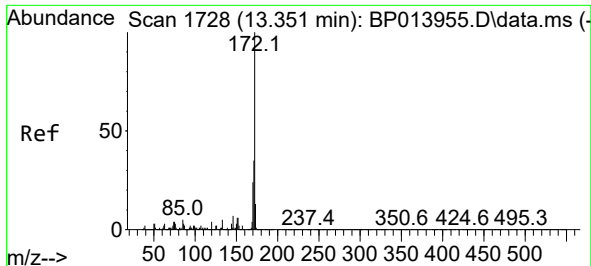
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 34.1 25.6 38.4

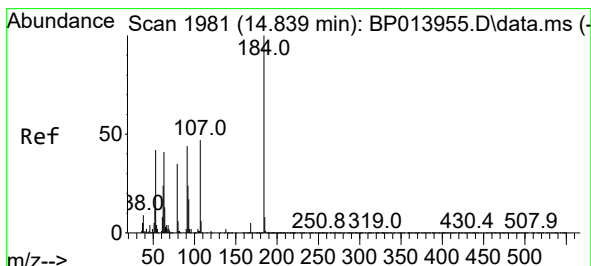
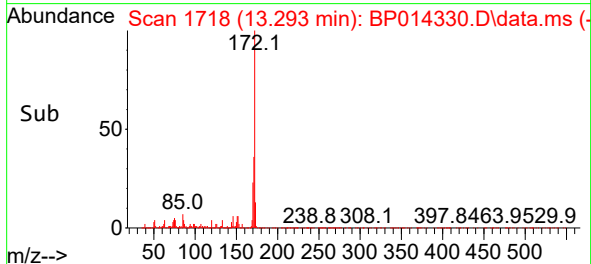
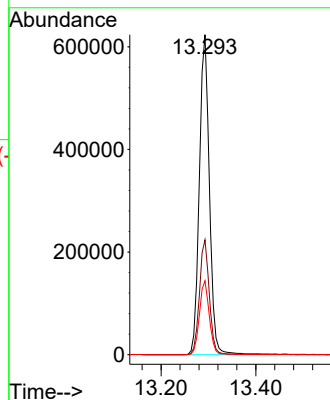
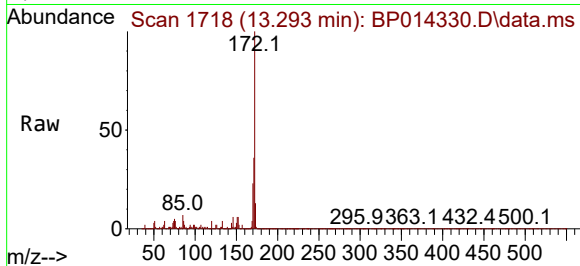




#45
2-Fluorobiphenyl
Concen: 46.337 ng
RT: 13.293 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

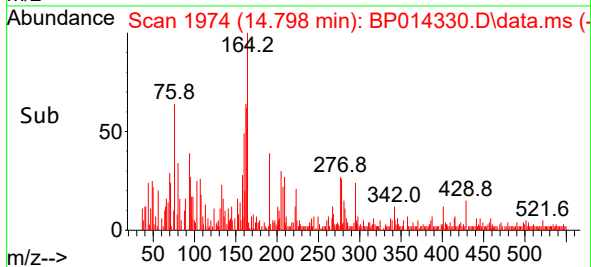
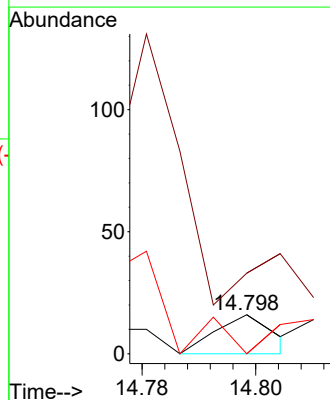
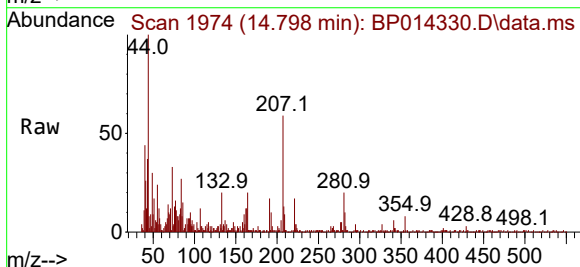
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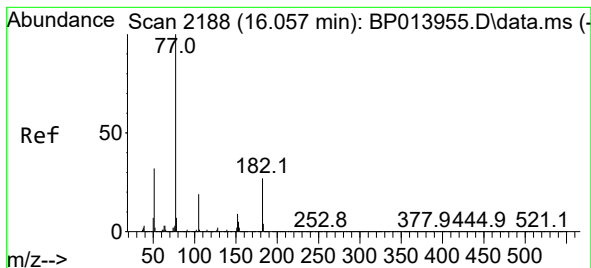
Tgt Ion:172 Resp: 920207
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.1 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 3.082 ng
RT: 14.798 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 206.3 52.4 78.6#
154 0.0 59.4 89.2#





#63

Azobenzene

Concen: 18.955 ng

RT: 16.028 min Scan# 2188

Delta R.T. 0.018 min

Lab File: BP014330.D

Acq: 28 Mar 2023 01:09

Instrument :

BNA_P

ClientSampleId :

B-23-GW01

Tgt Ion: 77 Resp: 367594

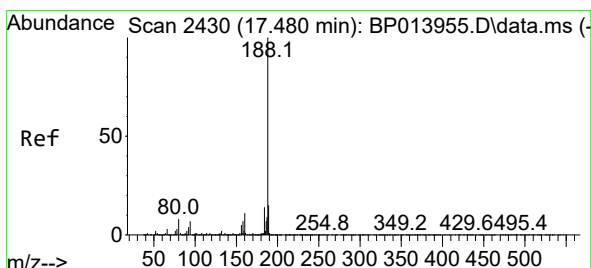
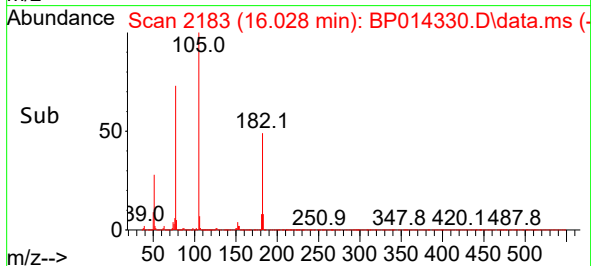
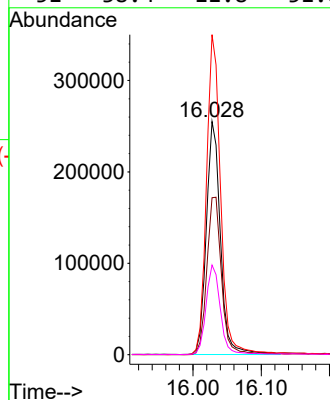
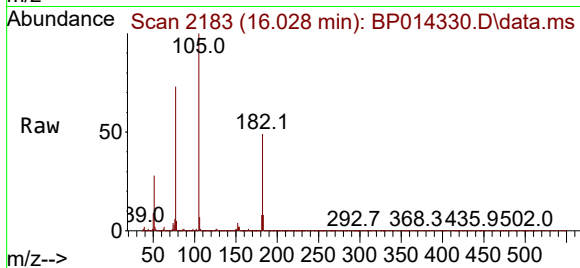
Ion Ratio Lower Upper

77 100

182 67.4 6.9 46.9#

105 137.3 0.0 39.4#

51 38.4 11.8 51.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 2421

Delta R.T. -0.006 min

Lab File: BP014330.D

Acq: 28 Mar 2023 01:09

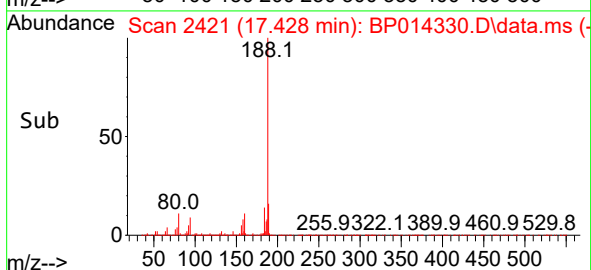
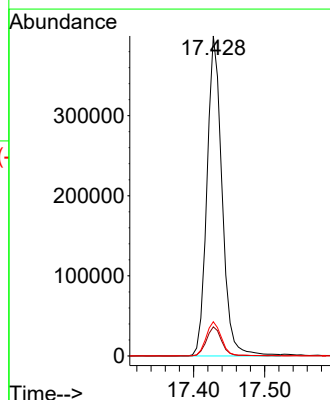
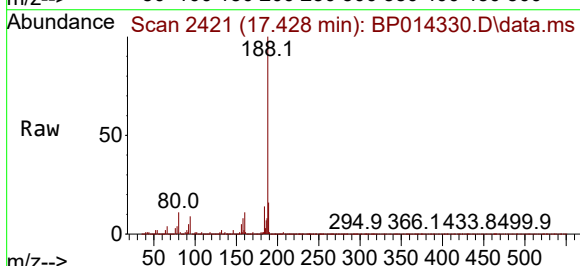
Tgt Ion:188 Resp: 591228

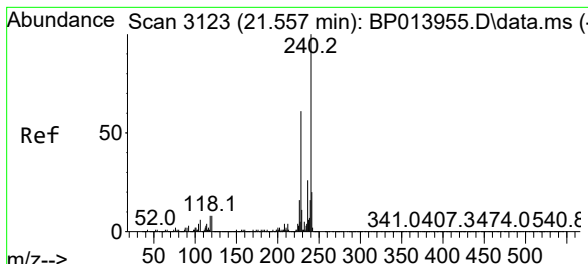
Ion Ratio Lower Upper

188 100

94 9.1 5.8 8.6#

80 10.7 6.6 9.8#

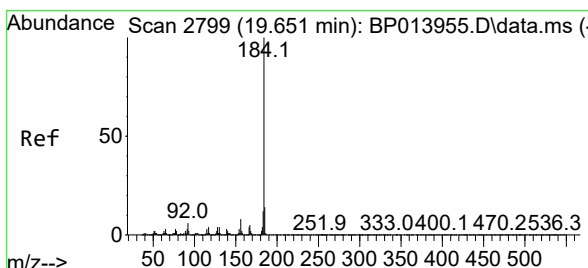
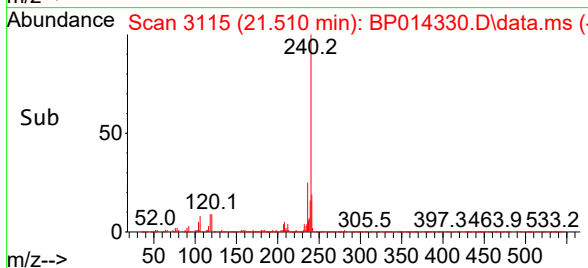
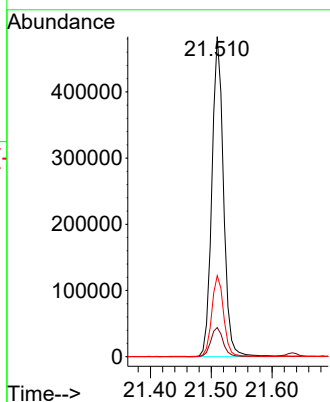
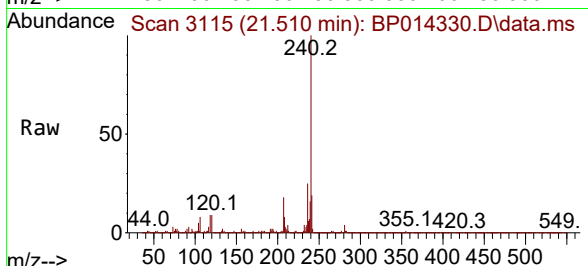




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.510 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

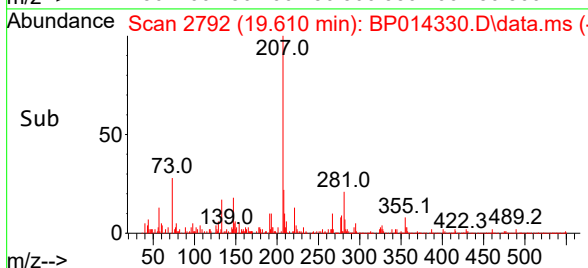
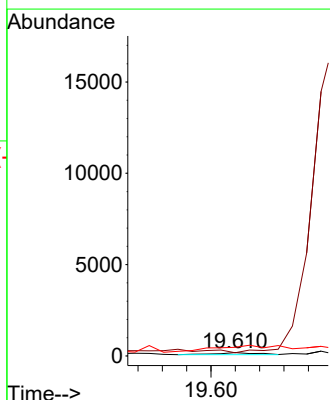
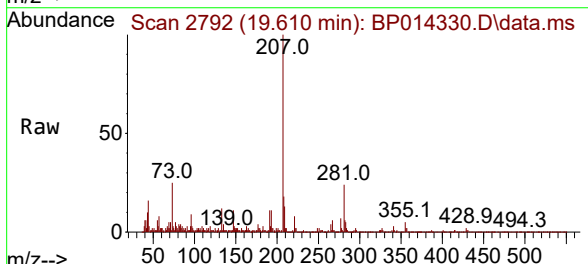
Instrument :
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B-23-GW01

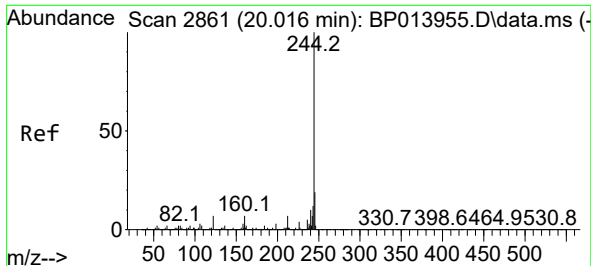
Tgt Ion:240 Resp: 641748
Ion Ratio Lower Upper
240 100
120 9.1 6.4 9.6
236 25.3 21.2 31.8



#77
Benzidine
Concen: 2.843 ng
RT: 19.610 min Scan# 2792
Delta R.T. -0.012 min
Lab File: BP014330.D
Acq: 28 Mar 2023 01:09

Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
185 95.6 11.6 17.4#
183 261.7 9.7 14.5#

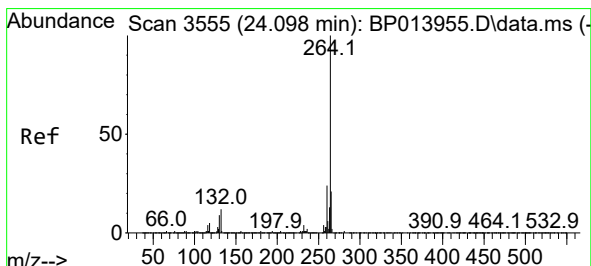
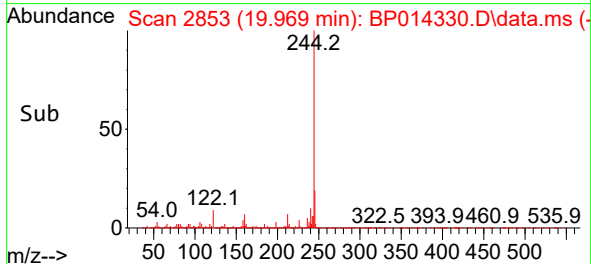
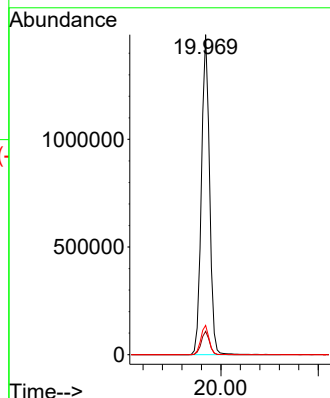
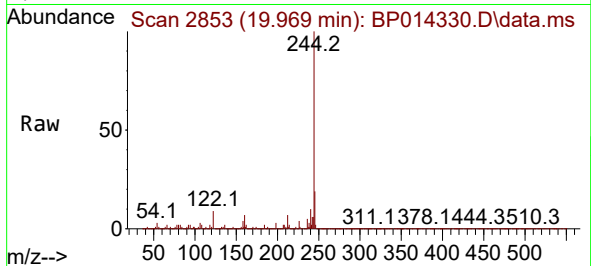




#79
 Terphenyl-d14
 Concen: 44.268 ng
 RT: 19.969 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP014330.D
 Acq: 28 Mar 2023 01:09

Instrument :
 BNA_P
 ClientSampleId :
 B-23-GW01

Tgt Ion:244 Resp: 1722846
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.1 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: BP014330.D
 Acq: 28 Mar 2023 01:09

Tgt Ion:264 Resp: 743600
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 22.0 17.8 26.8

