

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014334.D
 Acq On : 28 Mar 2023 03:24
 Operator : CG/JU
 Sample : 02012-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-23-SB01

Quant Time: Mar 28 03:57:49 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 25 03:19:01 2023
 Response via : Initial Calibration

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

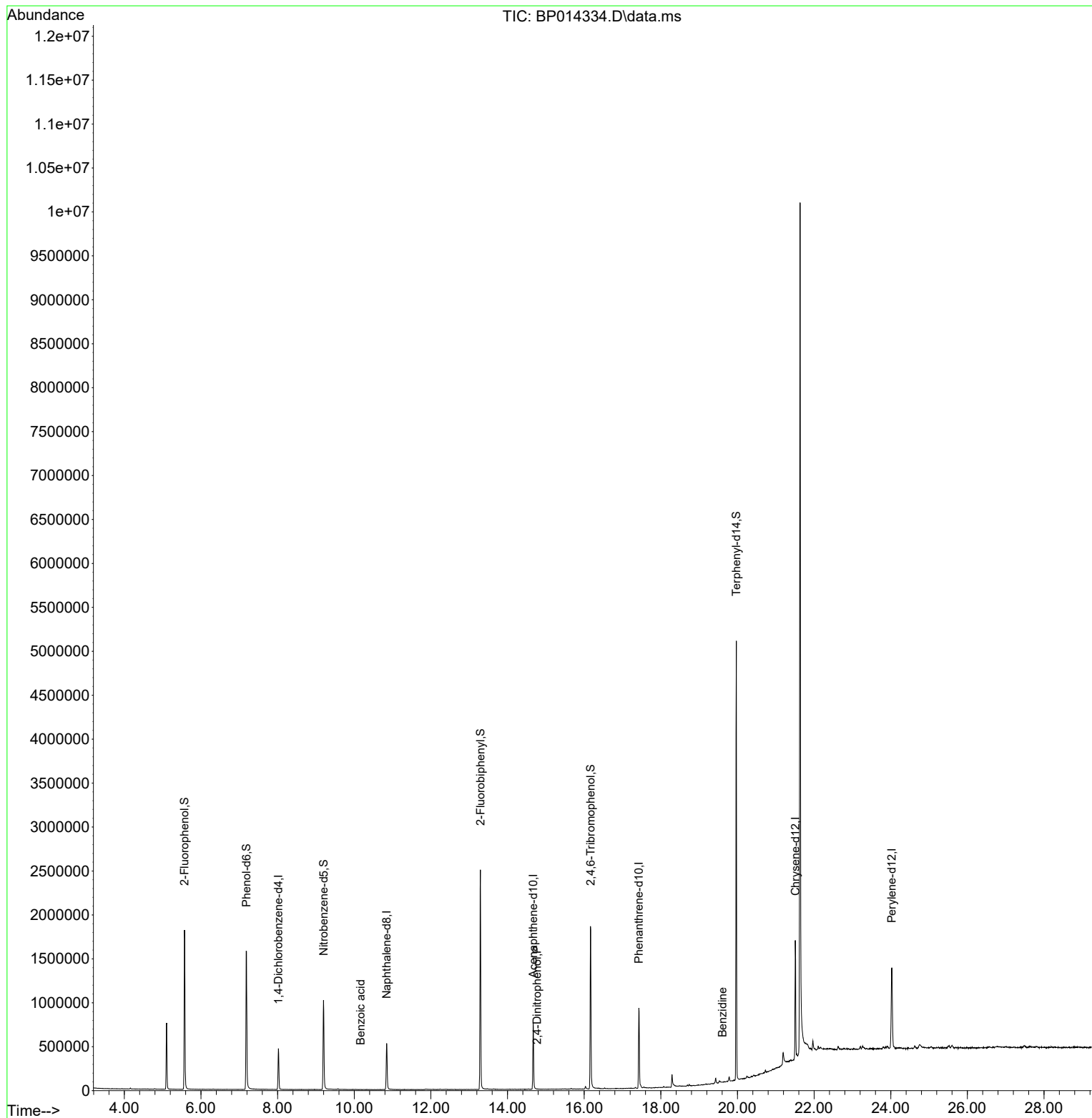
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	114691	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	433478	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	255683	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	571494	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	627370	20.000	ng	0.00
86) Perylene-d12	24.027	264	745043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	723643	102.324	ng	0.00
7) Phenol-d6	7.187	99	925316	99.656	ng	0.00
23) Nitrobenzene-d5	9.199	82	613741	64.712	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	363877	87.776	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1226861	62.167	ng	0.00
79) Terphenyl-d14	19.969	244	2157752	56.713	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.163	122	16	2.704	ng	# 1
54) 2,4-Dinitrophenol	14.769	184	13	3.082	ng	# 1
77) Benzidine	19.610	184	106	2.842	ng	# 1

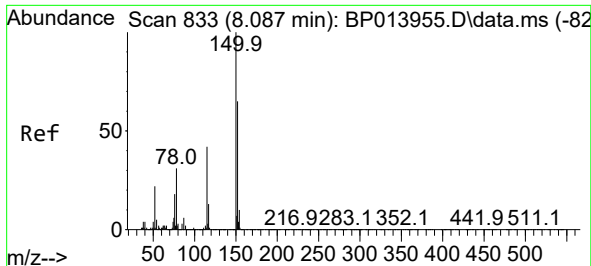
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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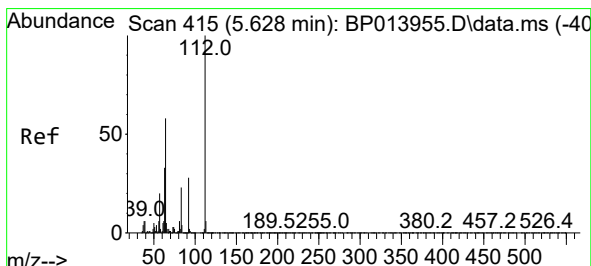
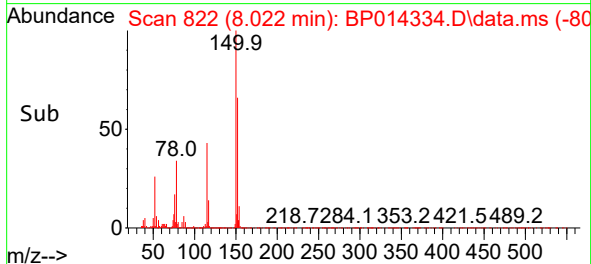
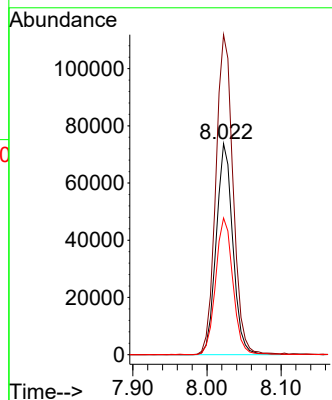
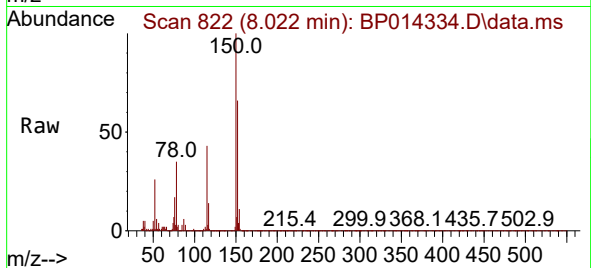




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

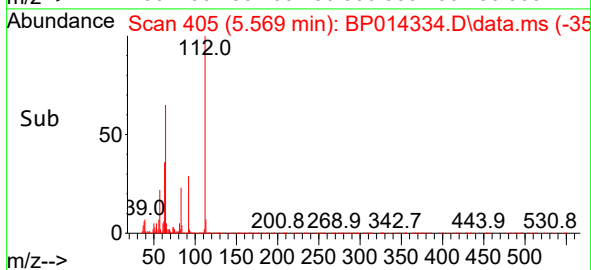
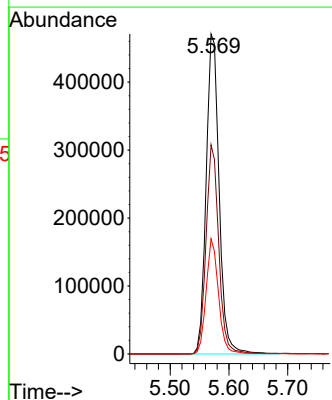
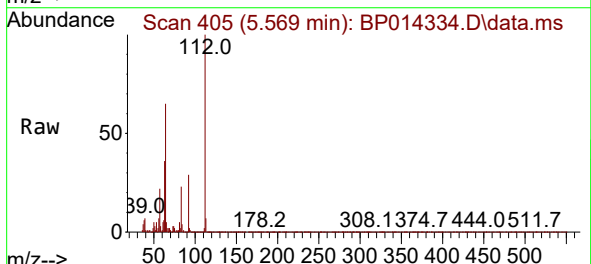
Instrument :
BNA_P
ClientSampleId :
B-23-SB01

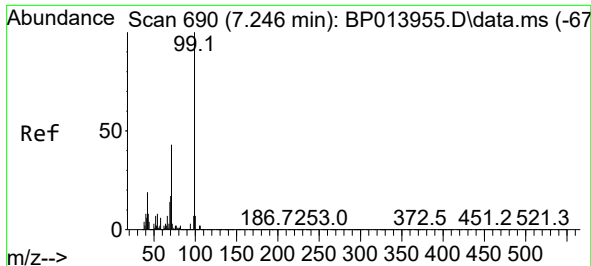
Tgt Ion:152 Resp: 114691
Ion Ratio Lower Upper
152 100
150 151.6 122.3 183.5
115 64.7 51.6 77.4



#5
2-Fluorophenol
Concen: 102.324 ng
RT: 5.569 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

Tgt Ion:112 Resp: 723643
Ion Ratio Lower Upper
112 100
64 65.3 46.7 70.1
63 36.0 26.6 40.0

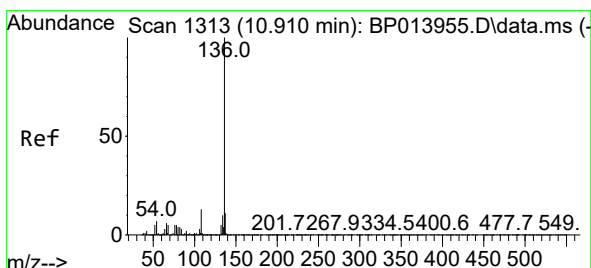
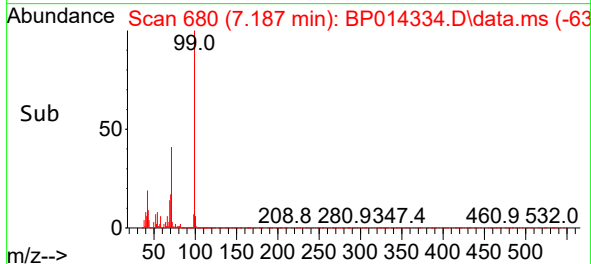
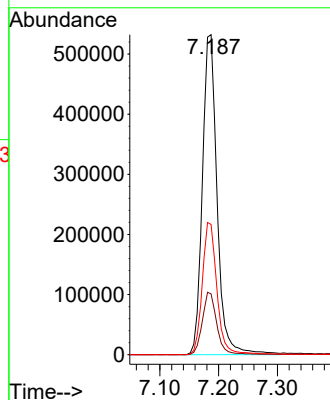
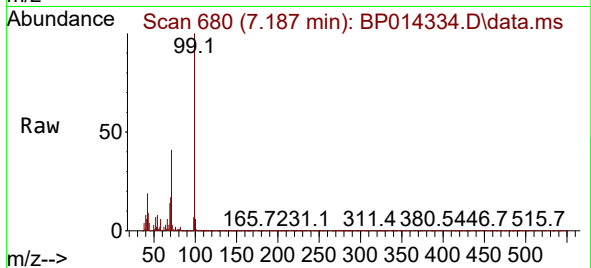




#7
Phenol-d6
Concen: 99.656 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

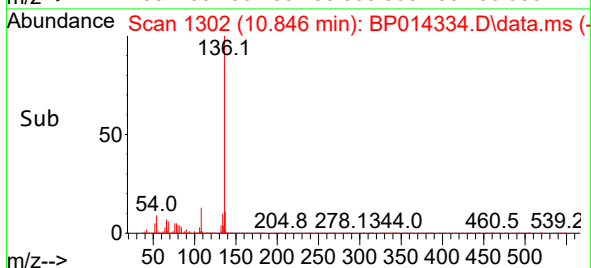
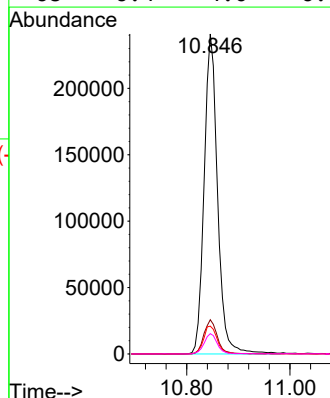
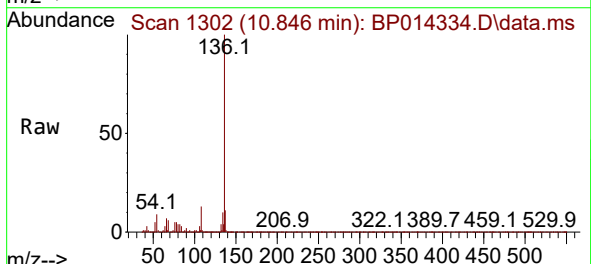
Instrument :
BNA_P
ClientSampleId :
B-23-SB01

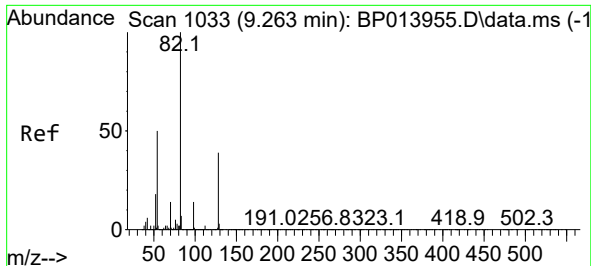
Tgt Ion: 99 Resp: 925316
Ion Ratio Lower Upper
99 100
42 19.0 15.0 22.6
71 40.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

Tgt Ion: 136 Resp: 433478
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.7 5.8 8.8
68 6.4 4.0 6.0#

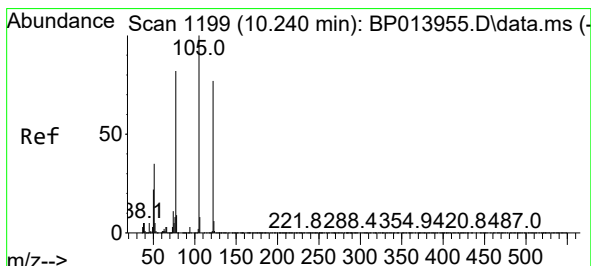
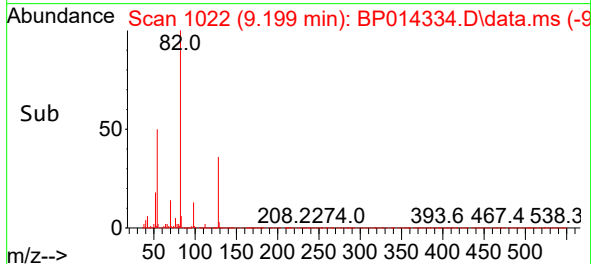
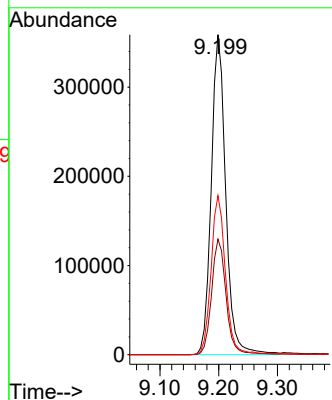
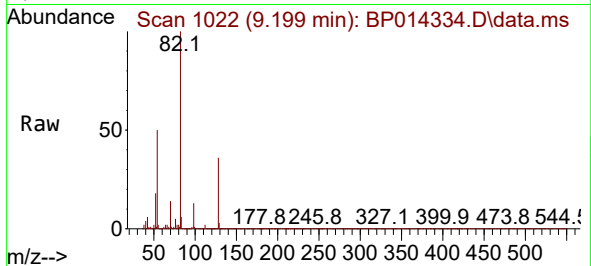




#23
Nitrobenzene-d5
Concen: 64.712 ng
RT: 9.199 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

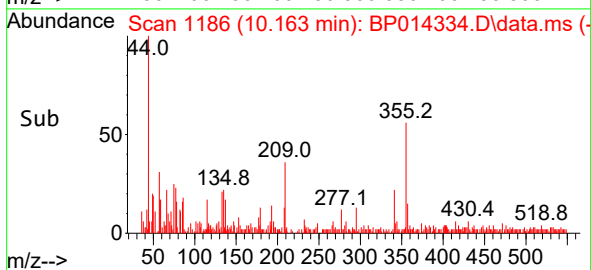
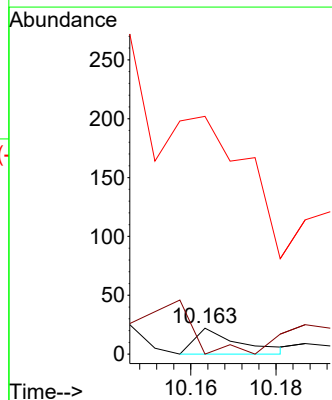
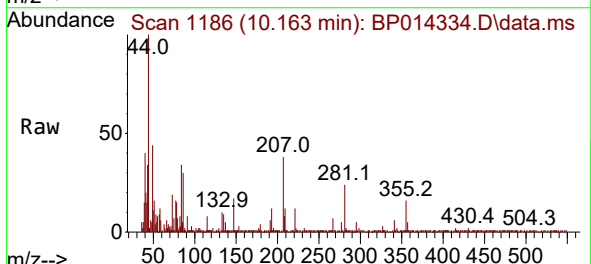
Instrument :
BNA_P
ClientSampleId :
B-23-SB01

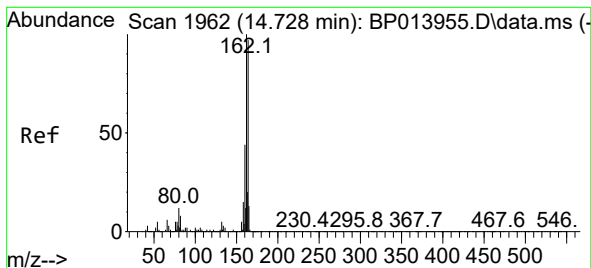
Tgt Ion: 82 Resp: 613741
Ion Ratio Lower Upper
82 100
128 36.1 31.1 46.7
54 49.7 40.0 60.0



#32
Benzoic acid
Concen: 2.704 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.018 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

Tgt Ion: 122 Resp: 16
Ion Ratio Lower Upper
122 100
105 0.0 108.2 148.2#
77 918.2 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.669 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP014334.D

Acq: 28 Mar 2023 03:24

Instrument :

BNA_P

ClientSampleId :

B-23-SB01

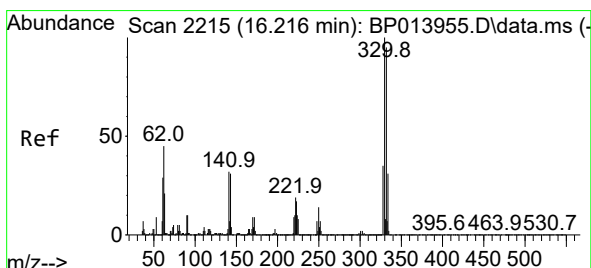
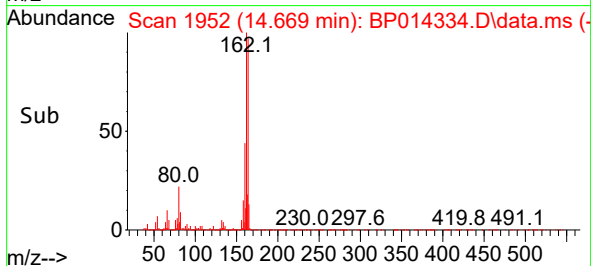
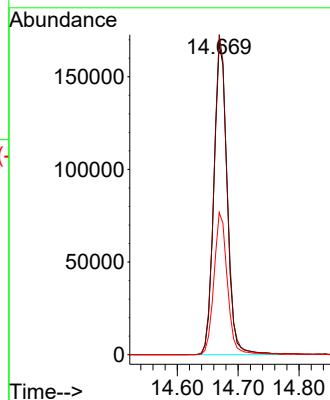
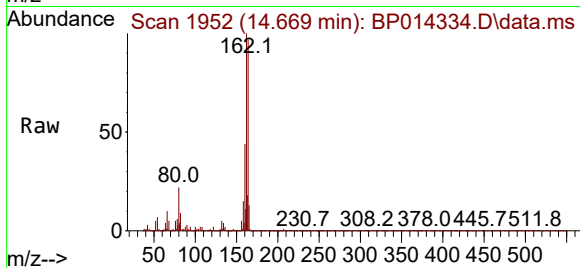
Tgt Ion:164 Resp: 255683

Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

160 45.7 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 87.776 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014334.D

Acq: 28 Mar 2023 03:24

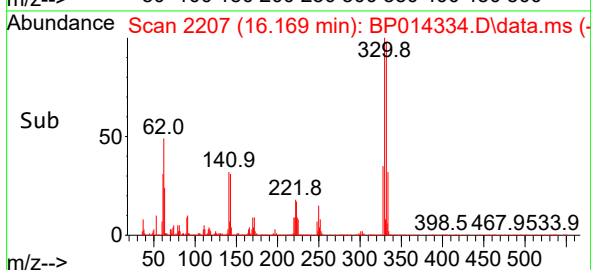
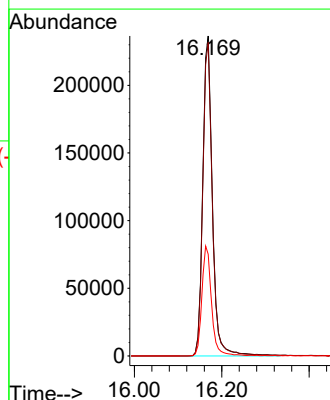
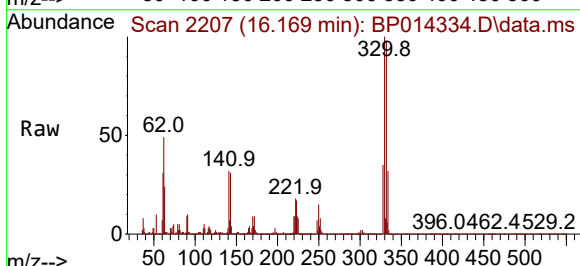
Tgt Ion:330 Resp: 363877

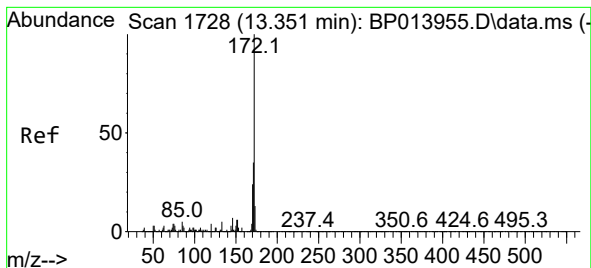
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 34.3 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 62.167 ng

RT: 13.293 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014334.D

Acq: 28 Mar 2023 03:24

Instrument :

BNA_P

ClientSampleId :

B-23-SB01

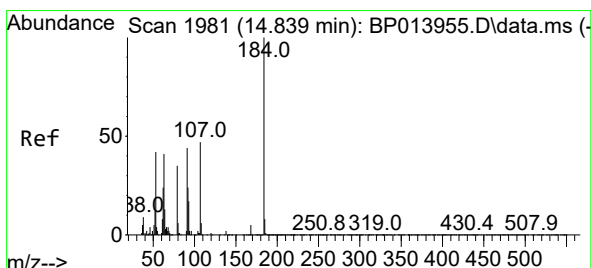
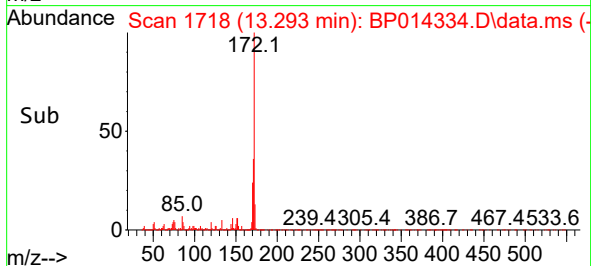
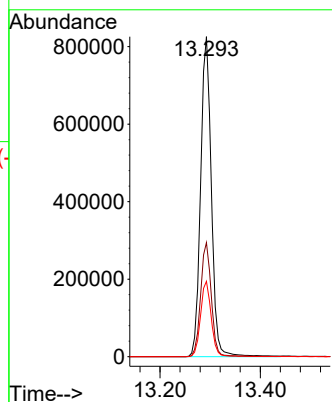
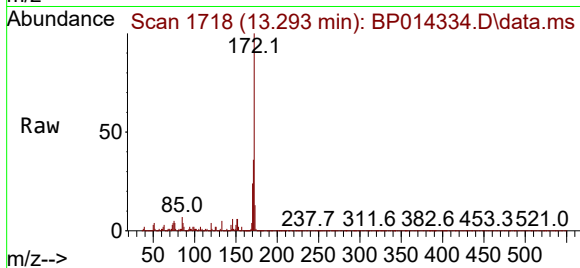
Tgt Ion:172 Resp: 1226861

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.082 ng

RT: 14.769 min Scan# 1969

Delta R.T. -0.029 min

Lab File: BP014334.D

Acq: 28 Mar 2023 03:24

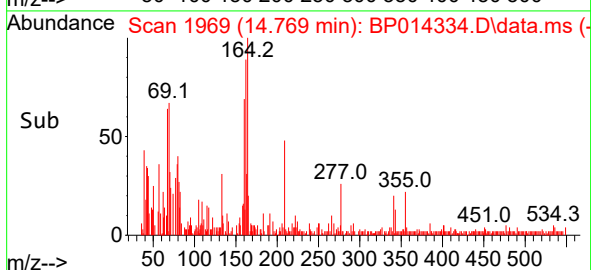
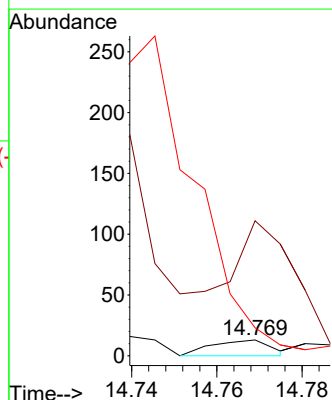
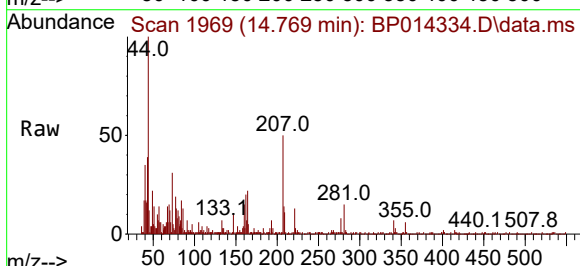
Tgt Ion:184 Resp: 13

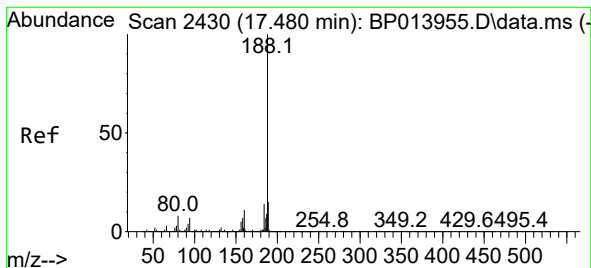
Ion Ratio Lower Upper

184 100

63 853.8 52.4 78.6#

154 476.9 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.428 min Scan# 24

Delta R.T. -0.006 min

Lab File: BP014334.D

Acq: 28 Mar 2023 03:24

Instrument :

BNA_P

ClientSampleId :

B-23-SB01

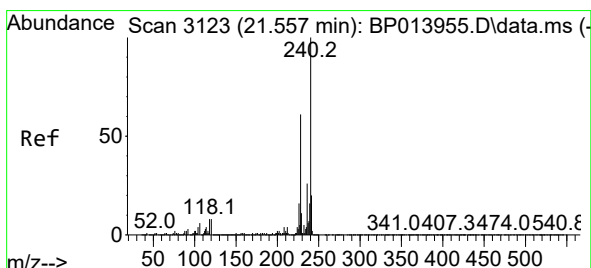
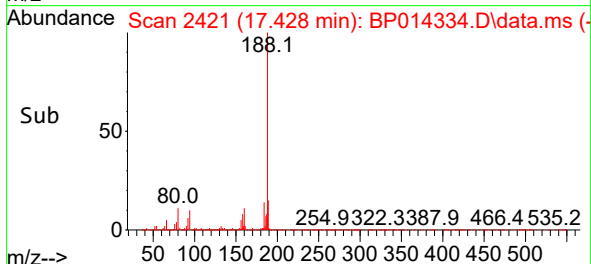
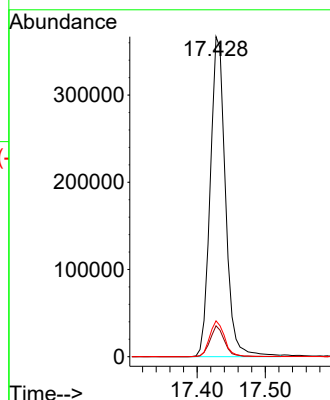
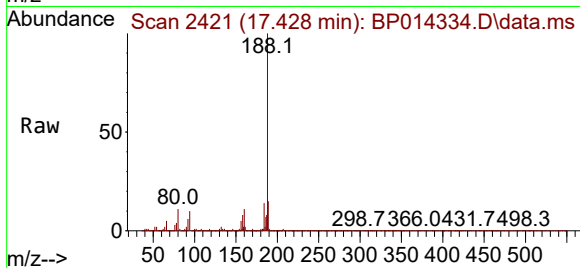
Tgt Ion:188 Resp: 571494

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.6#

80 11.2 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: BP014334.D

Acq: 28 Mar 2023 03:24

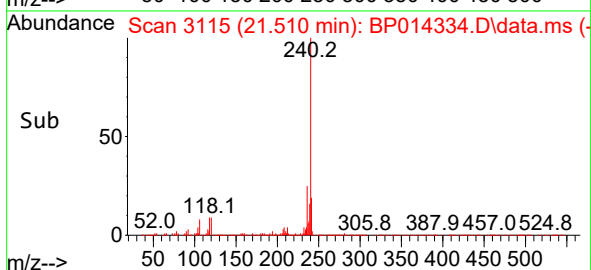
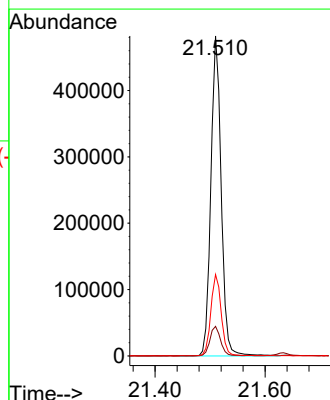
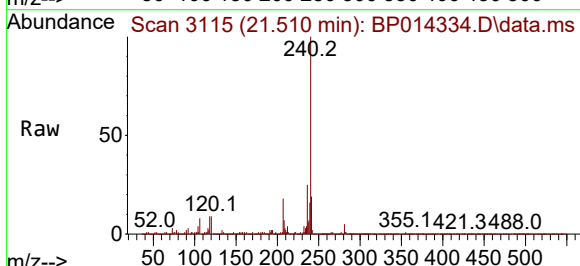
Tgt Ion:240 Resp: 627370

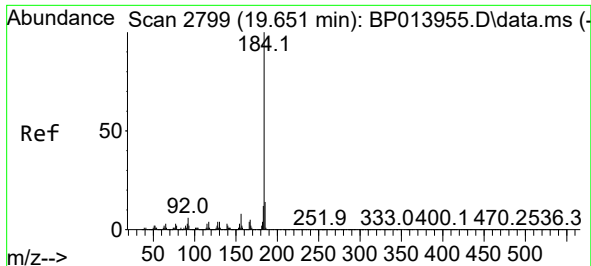
Ion Ratio Lower Upper

240 100

120 9.3 6.4 9.6

236 25.4 21.2 31.8

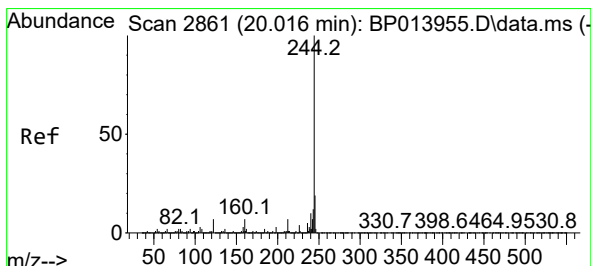
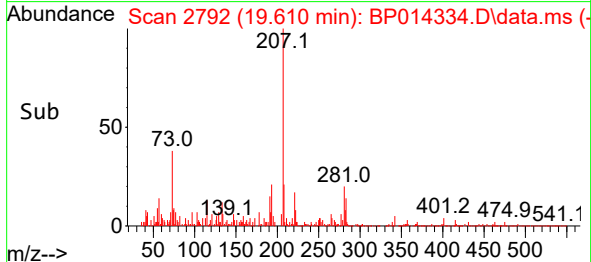
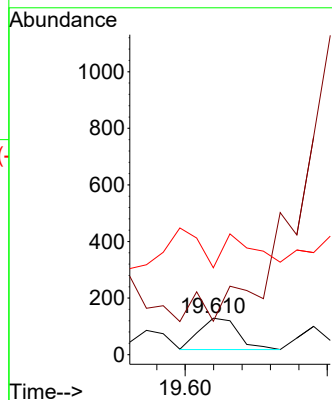
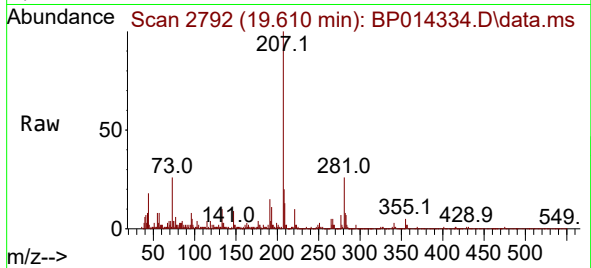




#77
Benzidine
Concen: 2.842 ng
RT: 19.610 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

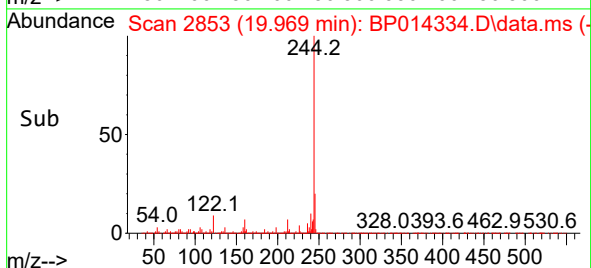
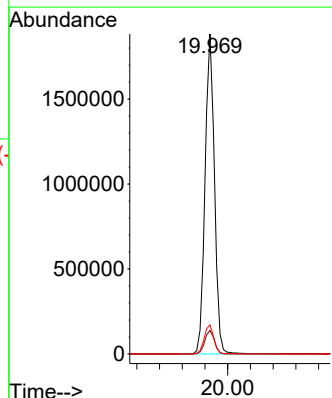
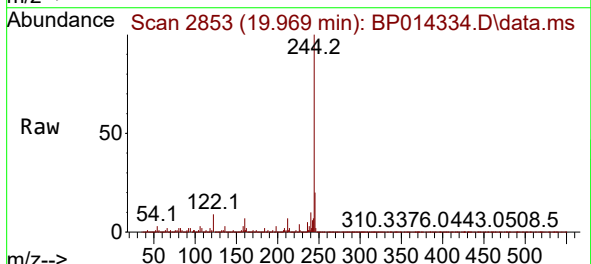
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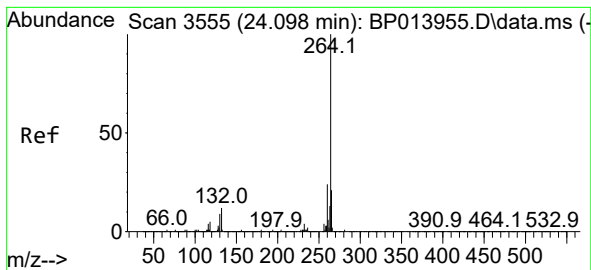
Tgt Ion:184 Resp: 106
Ion Ratio Lower Upper
184 100
185 91.5 11.6 17.4#
183 238.0 9.7 14.5#



#79
Terphenyl-d14
Concen: 56.713 ng
RT: 19.969 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP014334.D
Acq: 28 Mar 2023 03:24

Tgt Ion:244 Resp: 2157752
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.1 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.027 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP014334.D

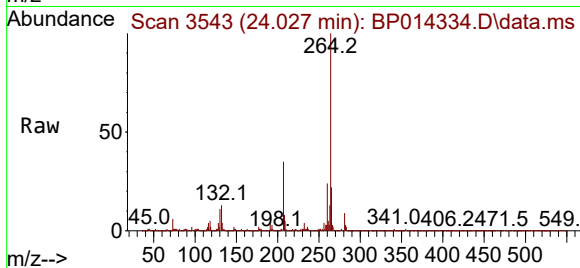
Acq: 28 Mar 2023 03:24

Instrument :

BNA_P

ClientSampleId :

B-23-SB01



Tgt Ion:264 Resp: 745043

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.9 17.8 26.8

