

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014303.D
 Acq On : 24 Mar 2023 23:32
 Operator : CG/JU
 Sample : PB151617TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151617TB

Quant Time: Mar 25 03:23:52 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)

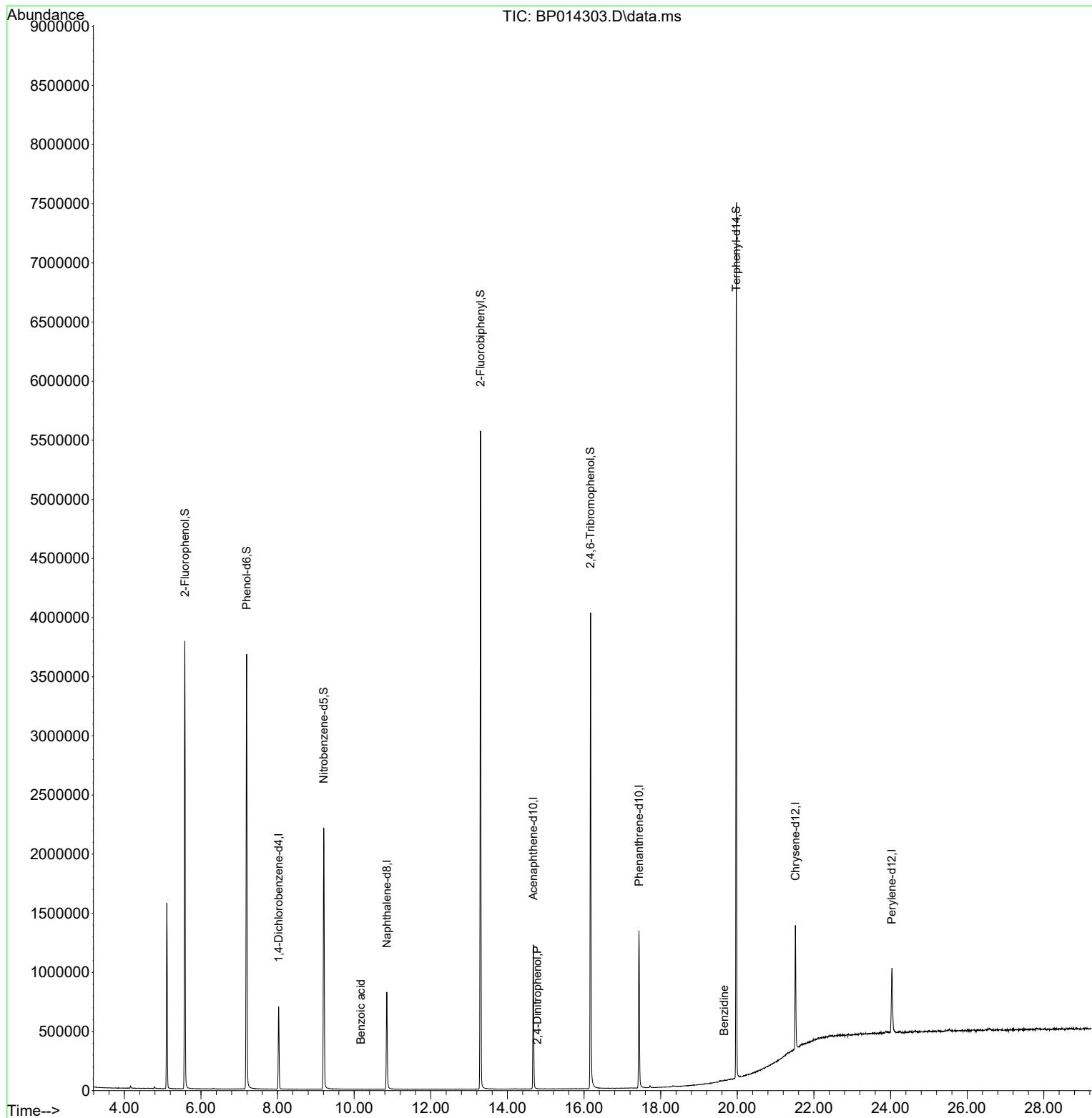
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	172271	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	658161	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	408257	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	830036	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	526695	20.000	ng	0.00
86) Perylene-d12	24.033	264	476167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1514694	142.592	ng	0.00
7) Phenol-d6	7.193	99	1967348	141.062	ng	0.00
23) Nitrobenzene-d5	9.204	82	1309593	90.944	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	768784	116.143	ng	0.00
45) 2-Fluorobiphenyl	13.298	172	2731847	86.694	ng	0.00
79) Terphenyl-d14	19.974	244	3236718	101.333	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.175	122	21	2.704	ng	# 1
54) 2,4-Dinitrophenol	14.781	184	14	3.081	ng	# 28
77) Benzidine	19.657	184	4423	3.177	ng	# 93

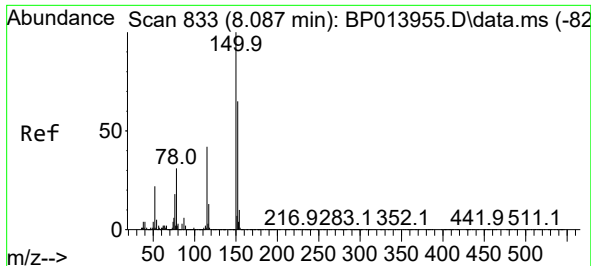
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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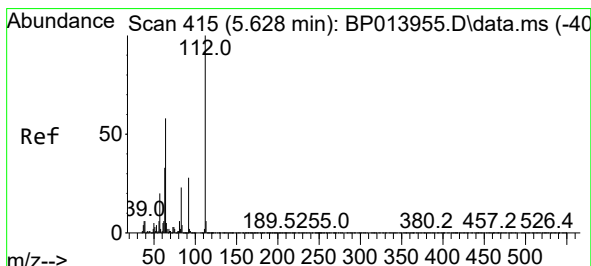
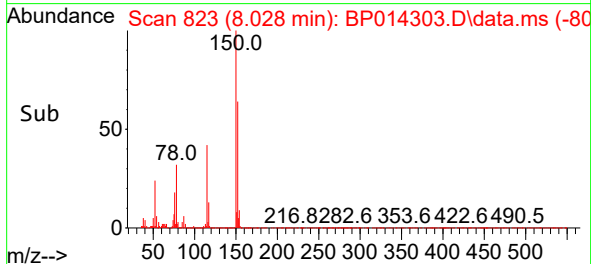
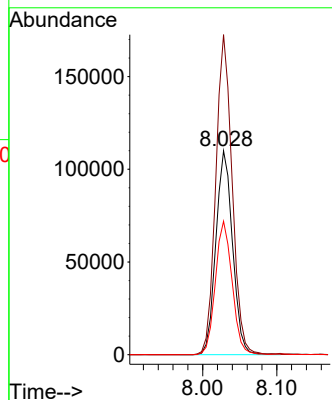
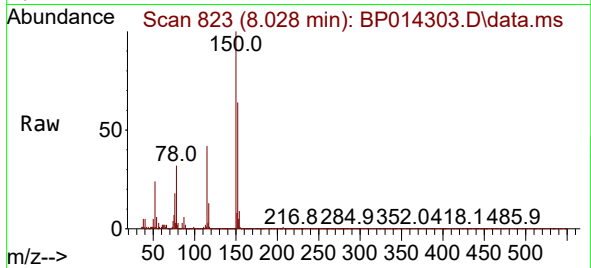




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

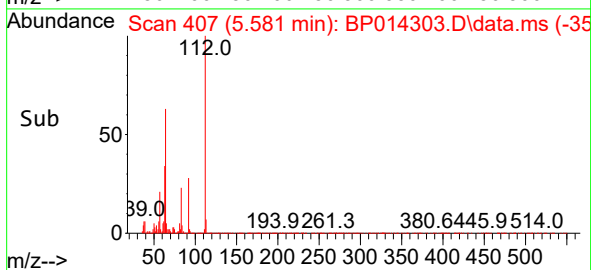
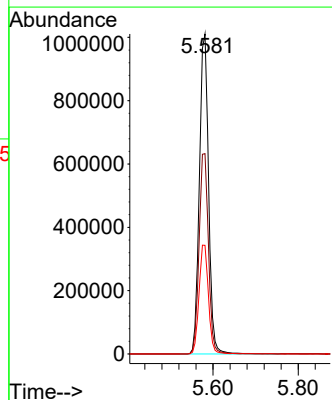
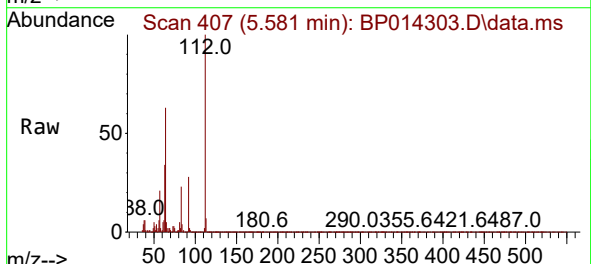
Instrument :
BNA_P
ClientSampleId :
PB151617TB

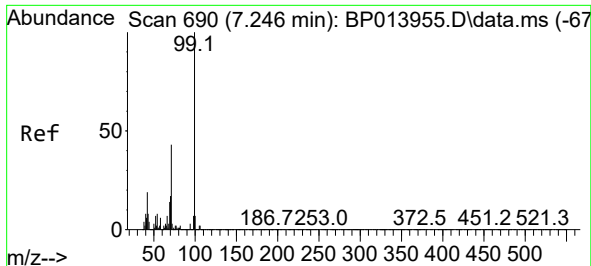
Tgt Ion:152 Resp: 172271
Ion Ratio Lower Upper
152 100
150 156.9 122.3 183.5
115 65.5 51.6 77.4



#5
2-Fluorophenol
Concen: 142.592 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

Tgt Ion:112 Resp: 1514694
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 34.0 26.6 40.0

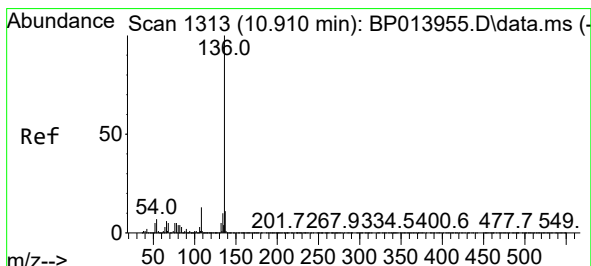
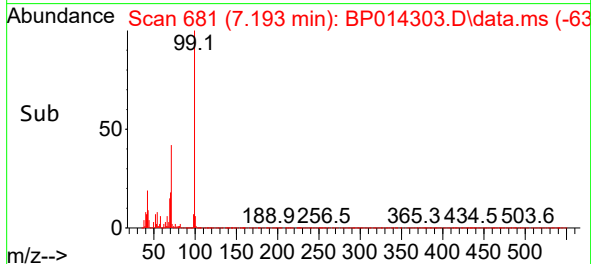
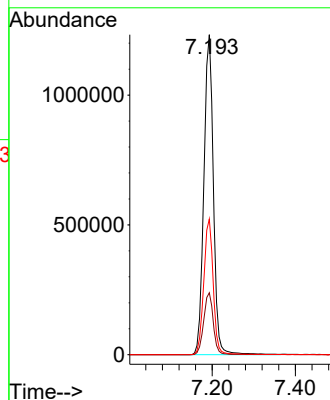
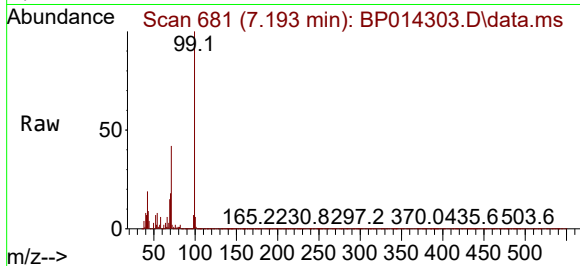




#7
Phenol-d6
Concen: 141.062 ng
RT: 7.193 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

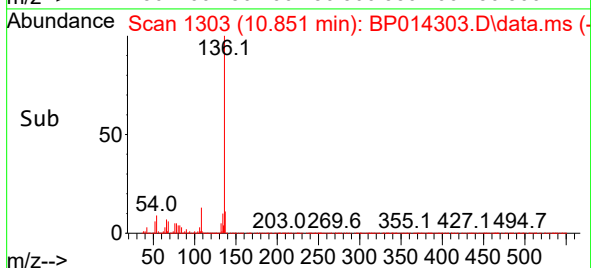
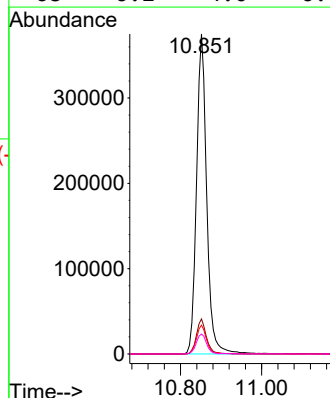
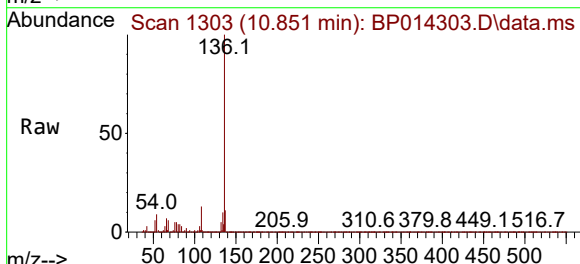
Instrument :
BNA_P
ClientSampleId :
PB151617TB

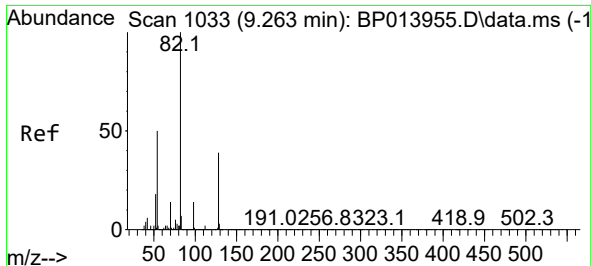
Tgt Ion: 99 Resp: 1967348
Ion Ratio Lower Upper
99 100
42 19.4 15.0 22.6
71 42.4 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

Tgt Ion:136 Resp: 658161
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.0 5.8 8.8#
68 6.2 4.0 6.0#

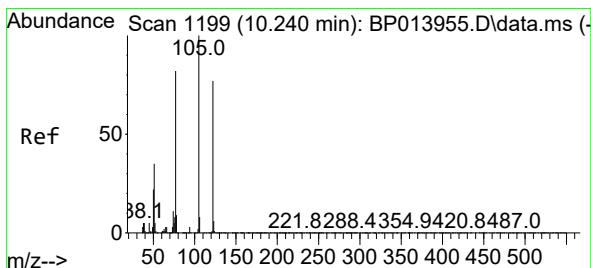
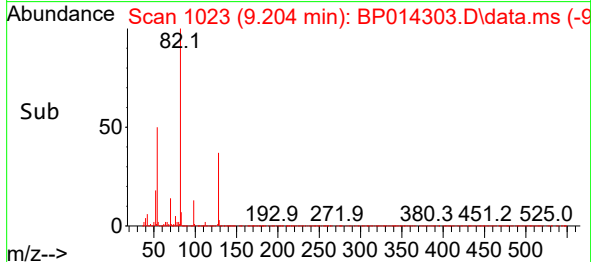
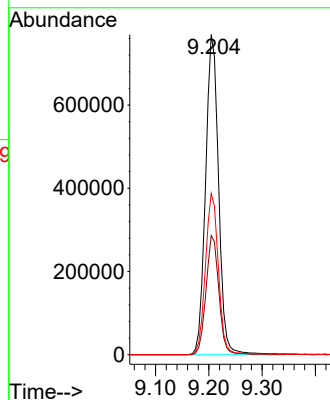
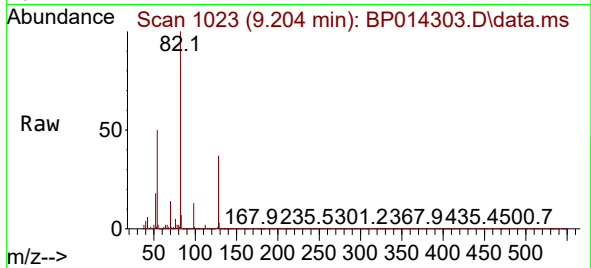




#23
Nitrobenzene-d5
Concen: 90.944 ng
RT: 9.204 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

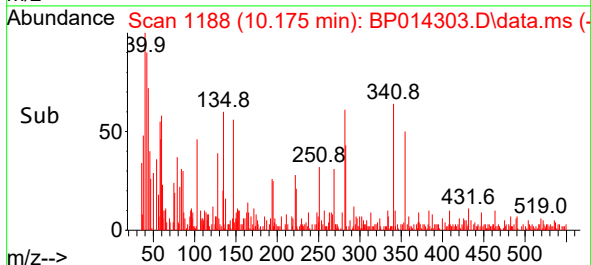
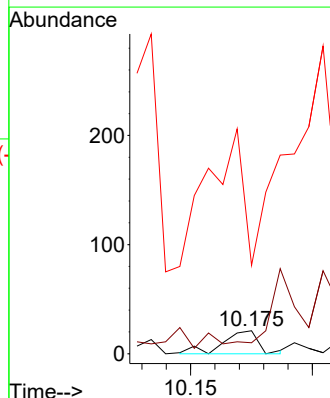
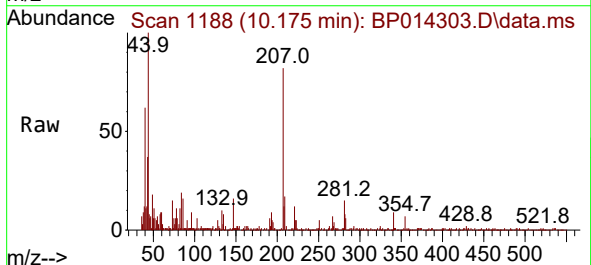
Instrument :
BNA_P
ClientSampleId :
PB151617TB

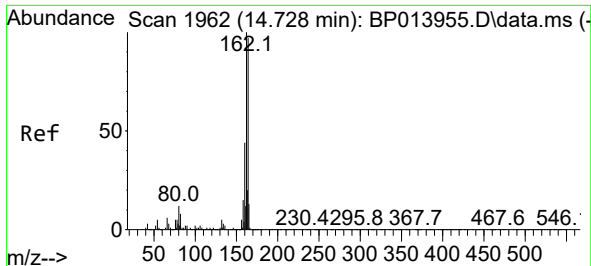
Tgt Ion: 82 Resp: 1309593
Ion Ratio Lower Upper
82 100
128 37.2 31.1 46.7
54 50.4 40.0 60.0



#32
Benzoic acid
Concen: 2.704 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

Tgt Ion: 122 Resp: 21
Ion Ratio Lower Upper
122 100
105 47.6 108.2 148.2#
77 385.7 85.2 125.2#

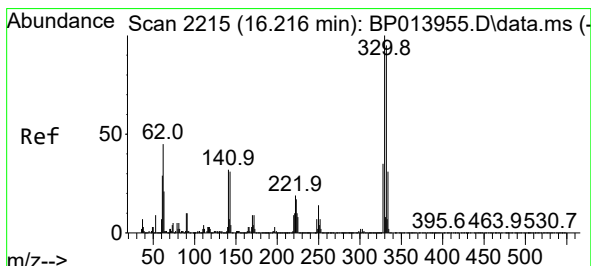
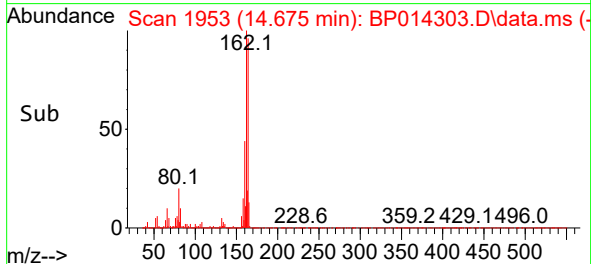
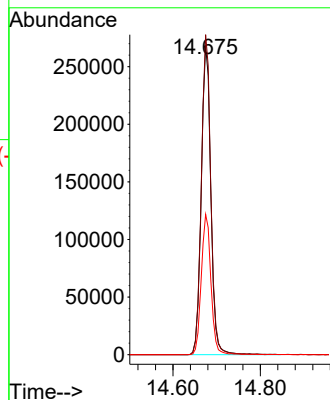
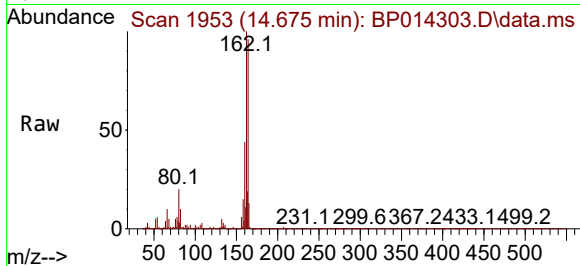




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

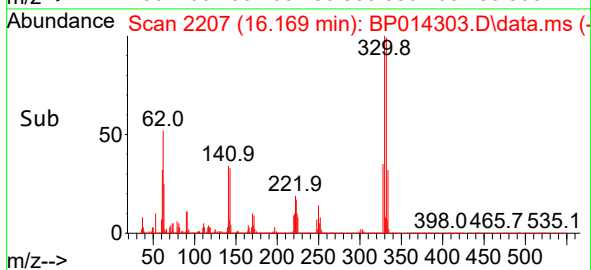
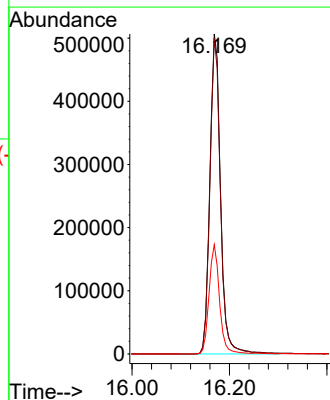
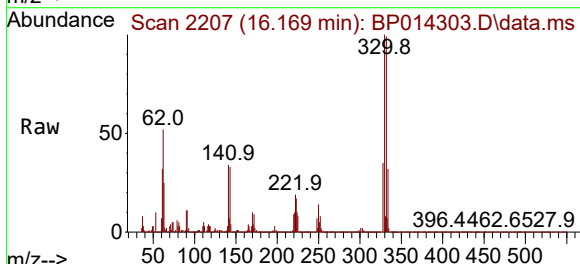
Instrument :
BNA_P
ClientSampleId :
PB151617TB

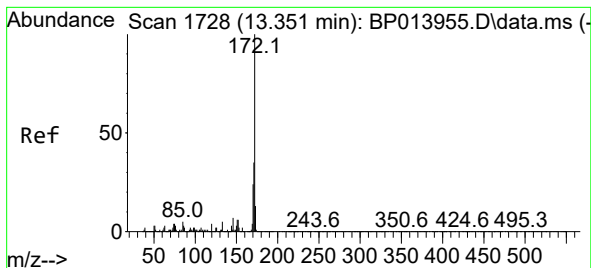
Tgt Ion:164 Resp: 408257
Ion Ratio Lower Upper
164 100
162 103.7 82.1 123.1
160 45.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 116.143 ng
RT: 16.169 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BP014303.D
Acq: 24 Mar 2023 23:32

Tgt Ion:330 Resp: 768784
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 33.7 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 86.694 ng

RT: 13.298 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014303.D

Acq: 24 Mar 2023 23:32

Instrument :

BNA_P

ClientSampleId :

PB151617TB

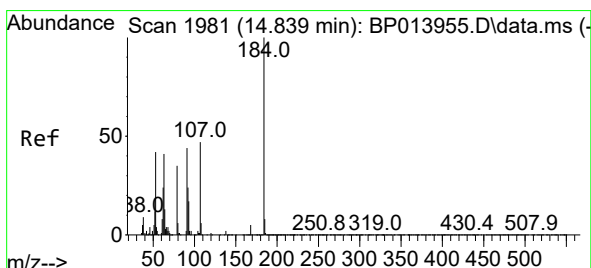
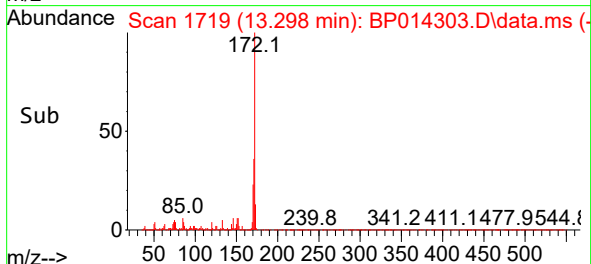
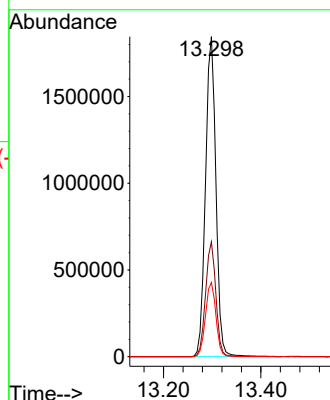
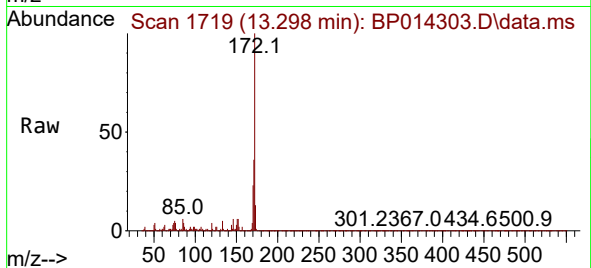
Tgt Ion:172 Resp: 2731847

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.2 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.081 ng

RT: 14.781 min Scan# 1971

Delta R.T. -0.018 min

Lab File: BP014303.D

Acq: 24 Mar 2023 23:32

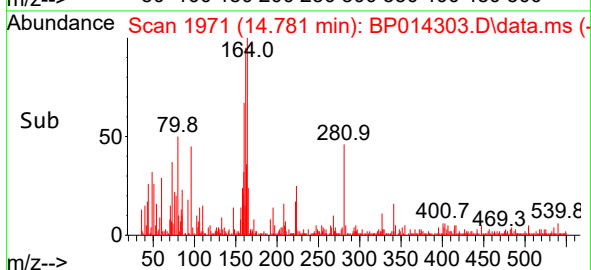
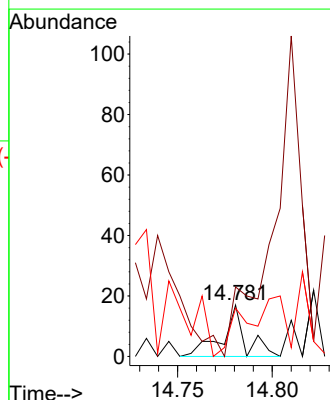
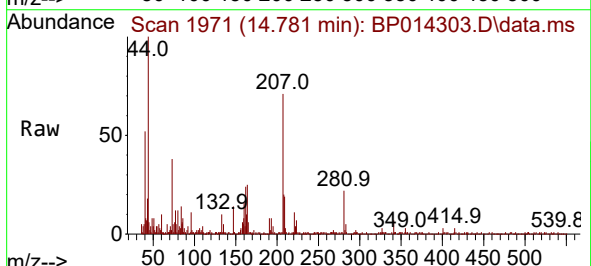
Tgt Ion:184 Resp: 14

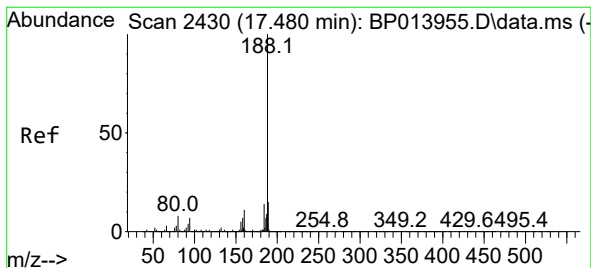
Ion Ratio Lower Upper

184 100

63 135.3 52.4 78.6#

154 123.5 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 2430

Delta R.T. -0.000 min

Lab File: BP014303.D

Acq: 24 Mar 2023 23:32

Instrument :

BNA_P

ClientSampleId :

PB151617TB

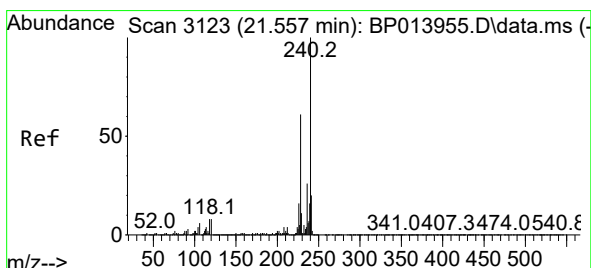
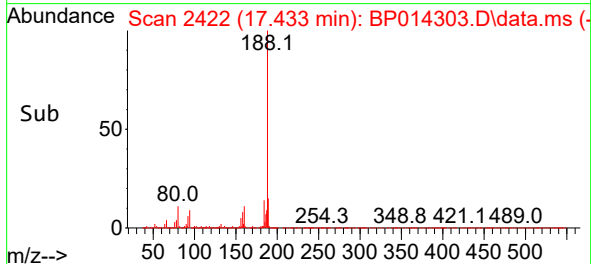
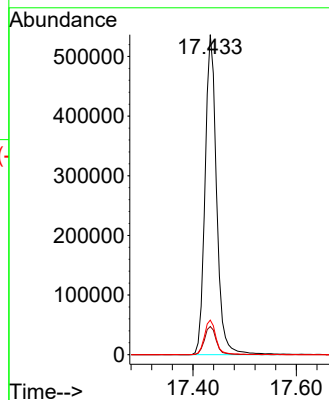
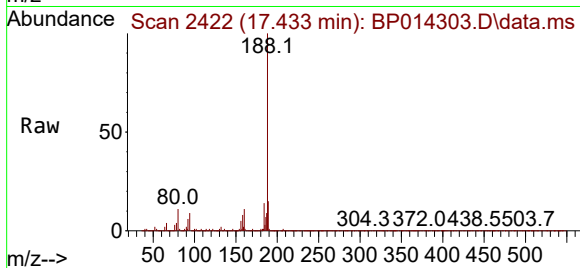
Tgt Ion:188 Resp: 830036

Ion Ratio Lower Upper

188 100

94 8.8 5.8 8.6#

80 10.8 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP014303.D

Acq: 24 Mar 2023 23:32

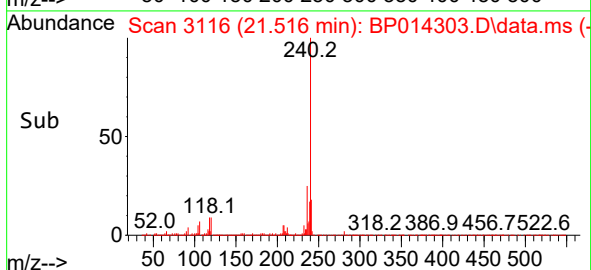
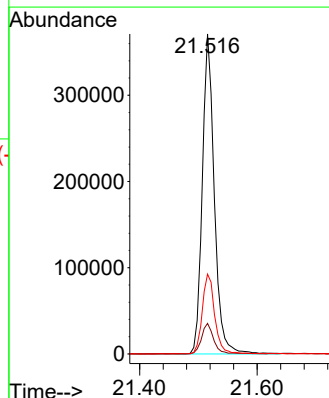
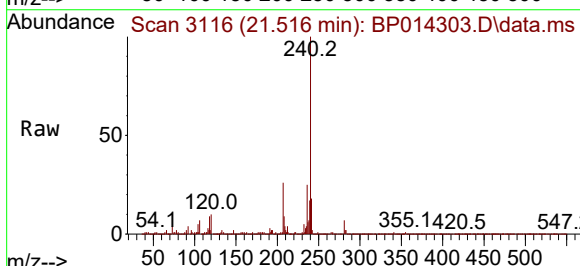
Tgt Ion:240 Resp: 526695

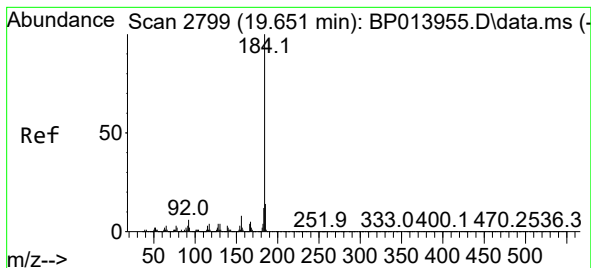
Ion Ratio Lower Upper

240 100

120 9.5 6.4 9.6

236 25.0 21.2 31.8





#77

Benzidine

Concen: 3.177 ng

RT: 19.657 min Scan# 21

Delta R.T. 0.035 min

Lab File: BP014303.D

Acq: 24 Mar 2023 23:32

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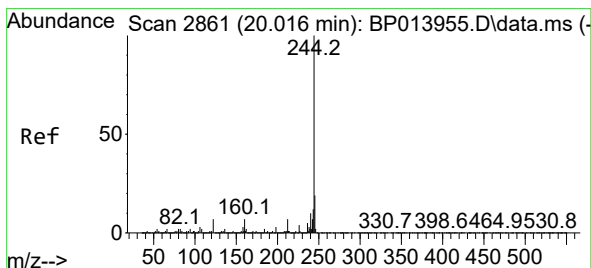
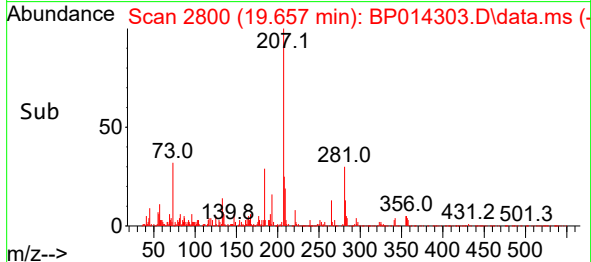
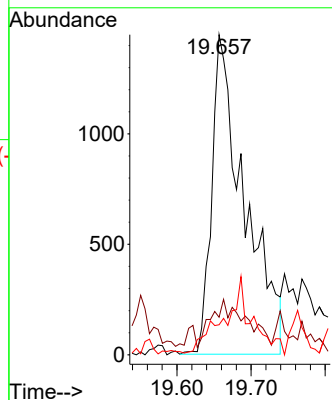
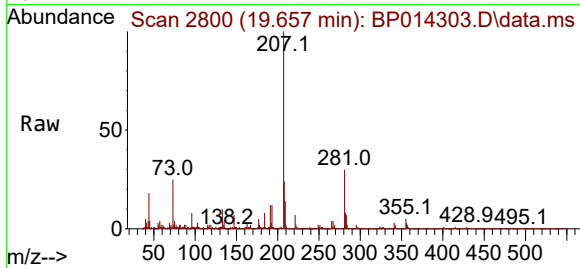
Tgt Ion:184 Resp: 4423

Ion Ratio Lower Upper

184 100

185 11.7 11.6 17.4

183 9.4 9.7 14.5#



#79

Terphenyl-d14

Concen: 101.333 ng

RT: 19.974 min Scan# 2854

Delta R.T. -0.000 min

Lab File: BP014303.D

Acq: 24 Mar 2023 23:32

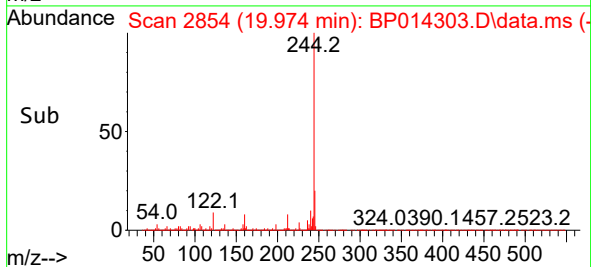
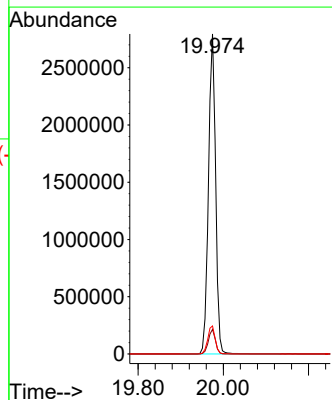
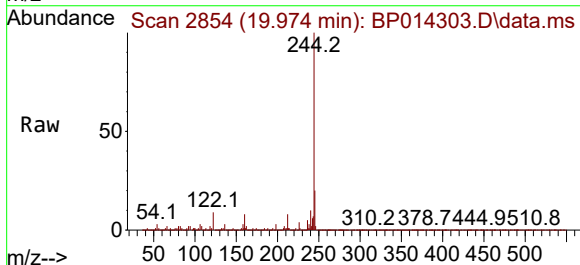
Tgt Ion:244 Resp: 3236718

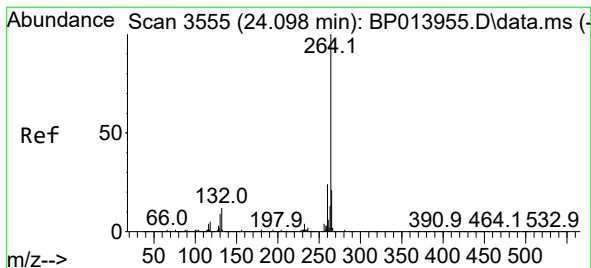
Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

122 8.8 5.8 8.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.033 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP014303.D

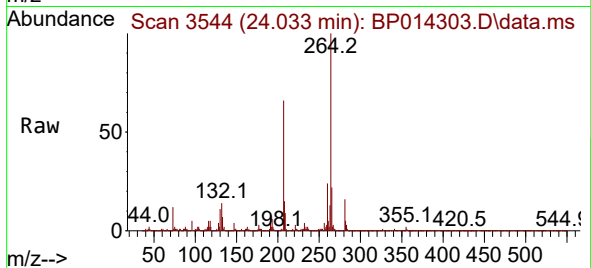
Acq: 24 Mar 2023 23:32

Instrument :

BNA_P

ClientSampleId :

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Tgt Ion:264 Resp: 476167

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.1 17.8 26.8

