

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032523\
 Data File : BP014302.D
 Acq On : 24 Mar 2023 22:57
 Operator : CG/JU
 Sample : PB150398TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150398TB

Quant Time: Mar 25 03:23:37 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)

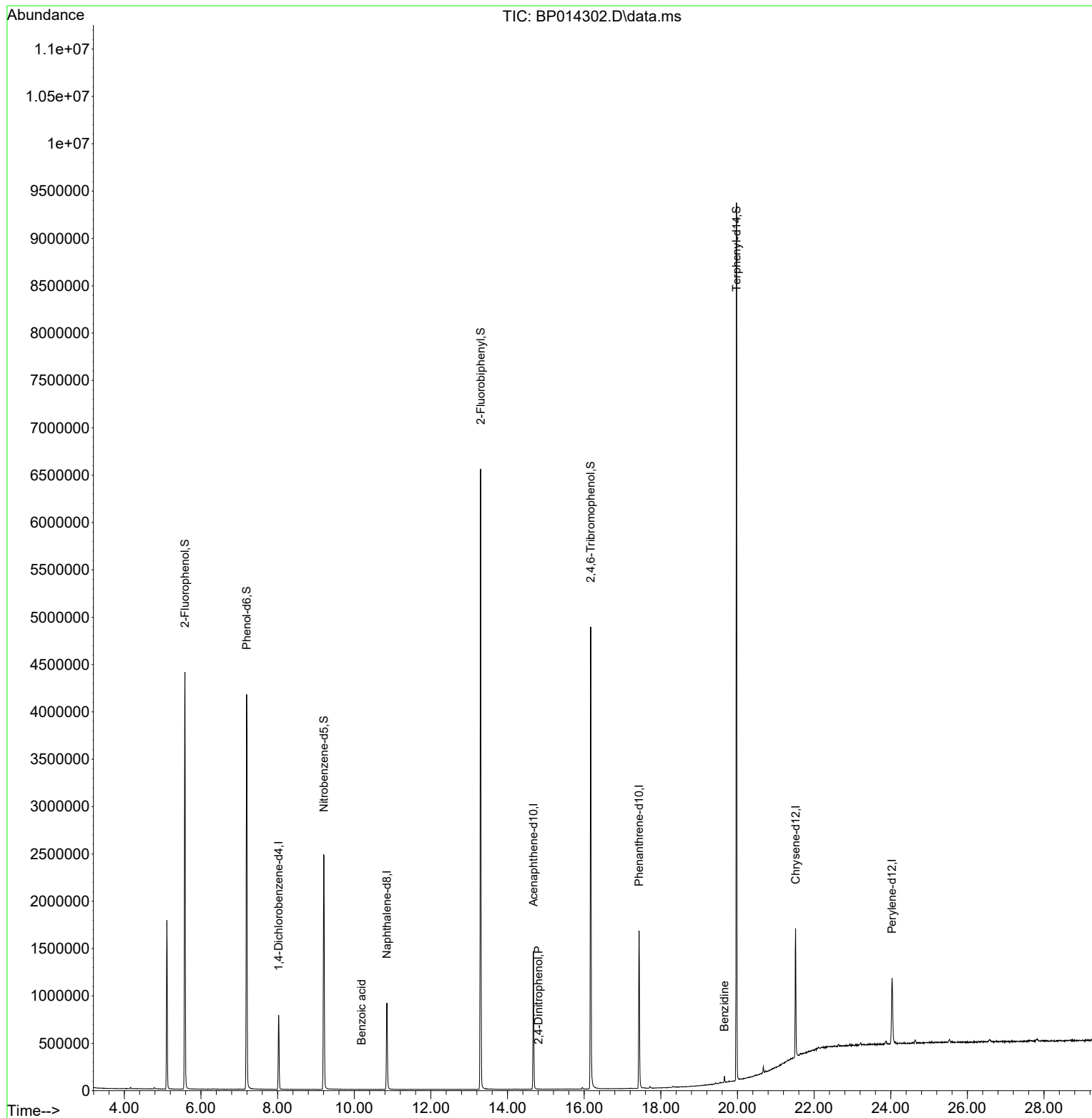
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	196224	20.000	ng	0.00
21) Naphthalene-d8	10.852	136	760414	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	480813	20.000	ng	0.00
64) Phenanthrene-d10	17.434	188	996600	20.000	ng	# 0.00
76) Chrysene-d12	21.516	240	690099	20.000	ng	0.00
86) Perylene-d12	24.033	264	587214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1728387	142.847	ng	0.00
7) Phenol-d6	7.193	99	2256958	142.074	ng	0.00
23) Nitrobenzene-d5	9.210	82	1509183	90.711	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	915114	117.387	ng	0.00
45) 2-Fluorobiphenyl	13.299	172	3158635	85.111	ng	0.00
79) Terphenyl-d14	19.975	244	4234087	101.171	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.193	122	35	2.705	ng	# 1
54) 2,4-Dinitrophenol	14.810	184	3	3.079	ng	# 1
77) Benzidine	19.663	184	2044	2.956	ng	# 14

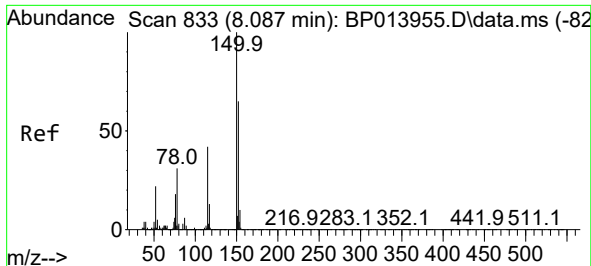
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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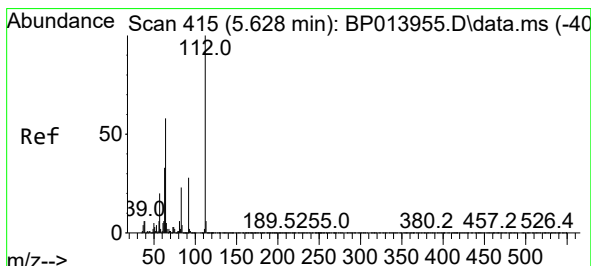
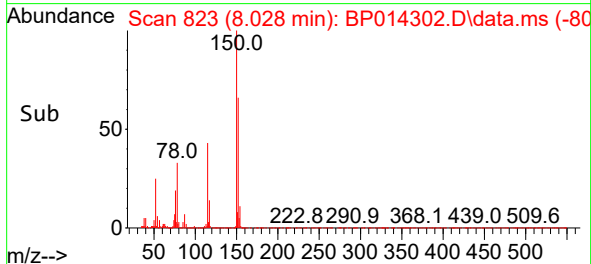
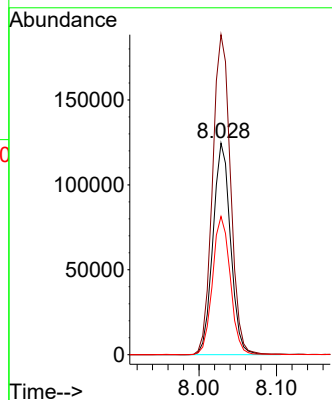
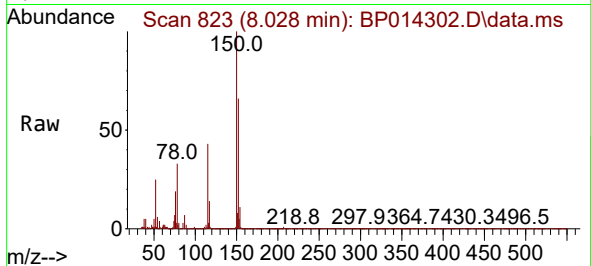




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014302.D
Acq: 24 Mar 2023 22:57

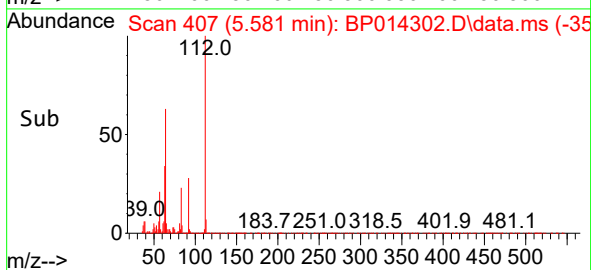
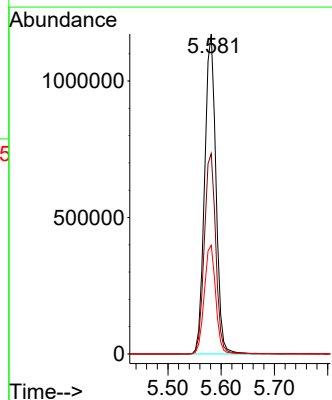
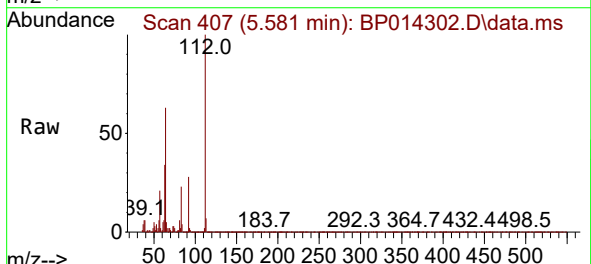
Instrument :
BNA_P
ClientSampleId :
PB150398TB

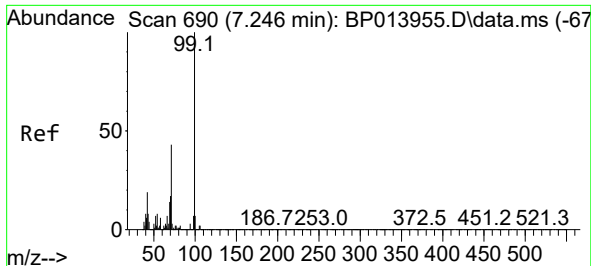
Tgt Ion:152 Resp: 196224
Ion Ratio Lower Upper
152 100
150 151.3 122.3 183.5
115 65.3 51.6 77.4



#5
2-Fluorophenol
Concen: 142.847 ng
RT: 5.581 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP014302.D
Acq: 24 Mar 2023 22:57

Tgt Ion:112 Resp: 1728387
Ion Ratio Lower Upper
112 100
64 62.6 46.7 70.1
63 34.0 26.6 40.0

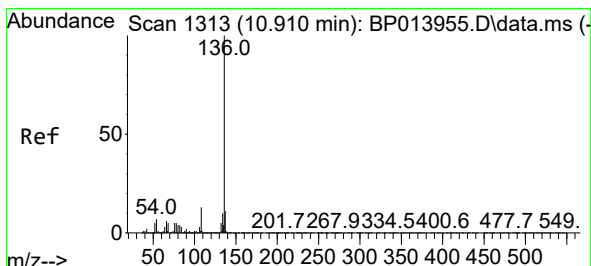
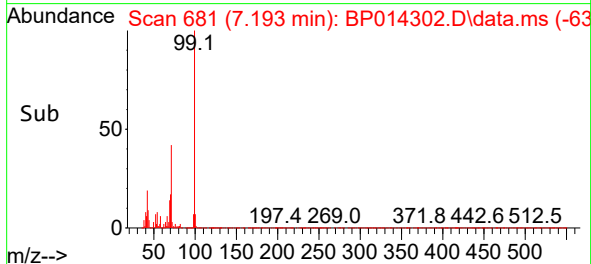
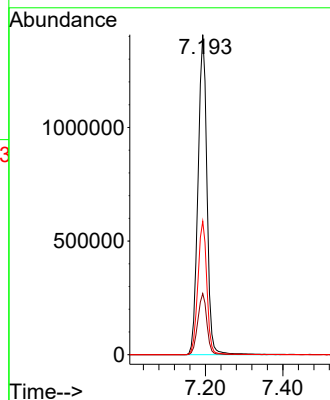
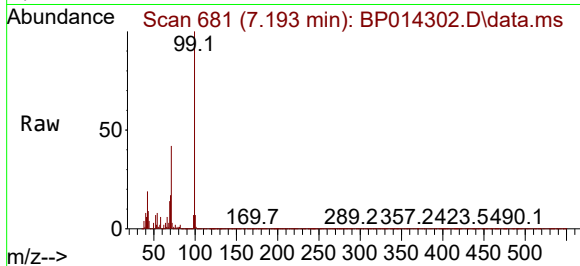




#7
Phenol-d6
Concen: 142.074 ng
RT: 7.193 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP014302.D
Acq: 24 Mar 2023 22:57

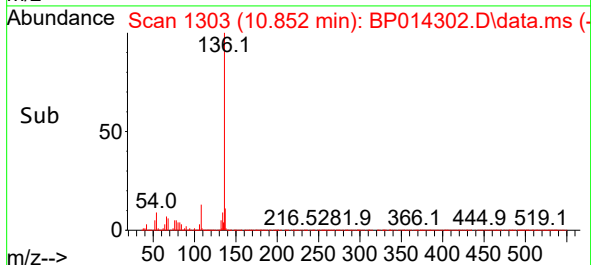
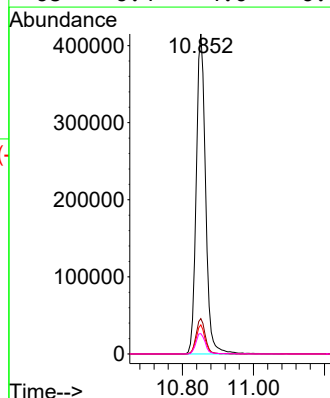
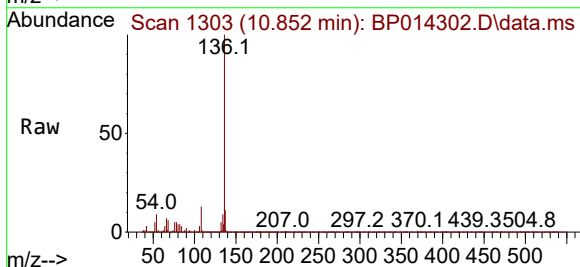
Instrument :
BNA_P
ClientSampleId :
PB150398TB

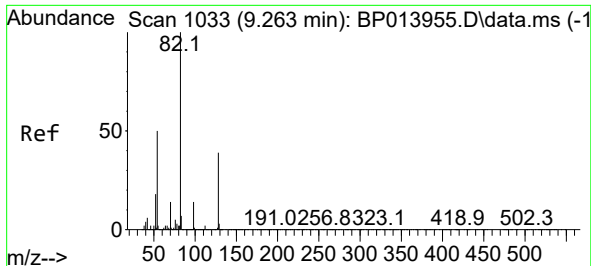
Tgt Ion: 99 Resp: 2256958
Ion Ratio Lower Upper
99 100
42 19.1 15.0 22.6
71 41.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.852 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BP014302.D
Acq: 24 Mar 2023 22:57

Tgt Ion:136 Resp: 760414
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.1 5.8 8.8#
68 6.4 4.0 6.0#

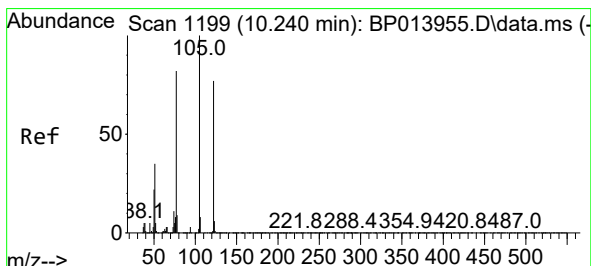
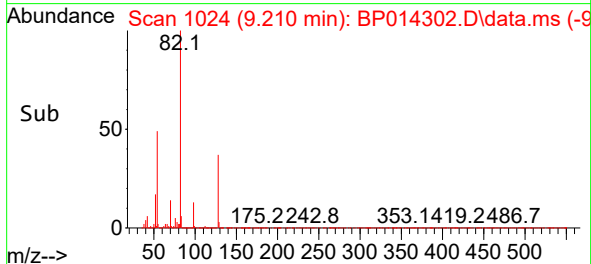
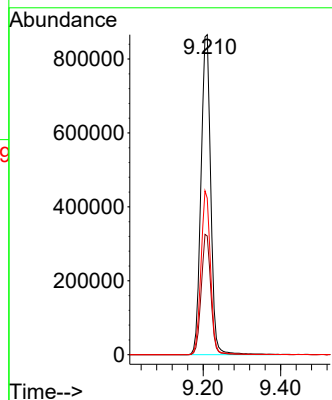
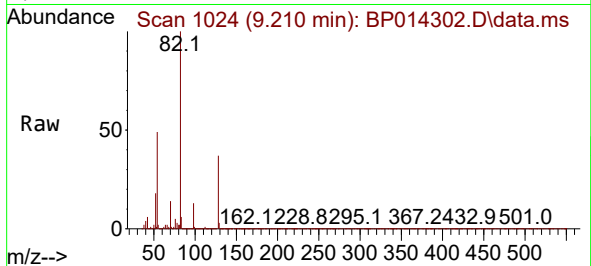




#23
Nitrobenzene-d5
Concen: 90.711 ng
RT: 9.210 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP014302.D
Acq: 24 Mar 2023 22:57

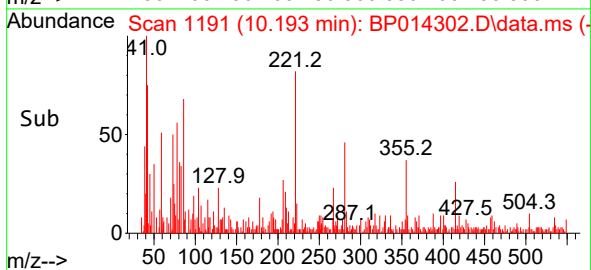
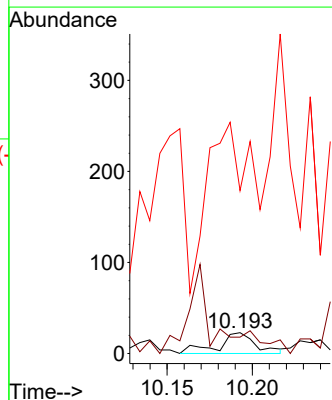
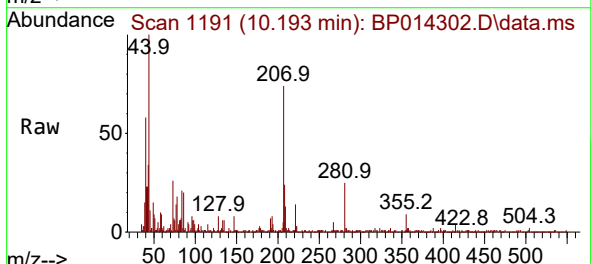
Instrument :
BNA_P
ClientSampleId :
PB150398TB

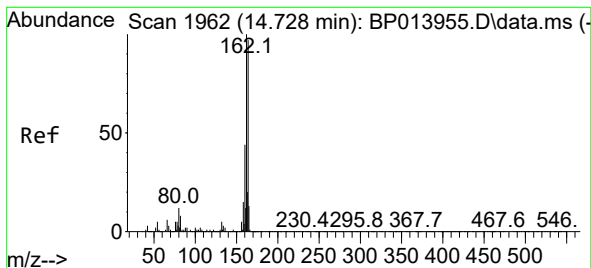
Tgt Ion: 82 Resp: 1509183
Ion Ratio Lower Upper
82 100
128 37.1 31.1 46.7
54 48.9 40.0 60.0



#32
Benzoic acid
Concen: 2.705 ng
RT: 10.193 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP014302.D
Acq: 24 Mar 2023 22:57

Tgt Ion: 122 Resp: 35
Ion Ratio Lower Upper
122 100
105 78.3 108.2 148.2#
77 778.3 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: BP014302.D

Acq: 24 Mar 2023 22:57

Instrument :

BNA_P

ClientSampleId :

PB150398TB

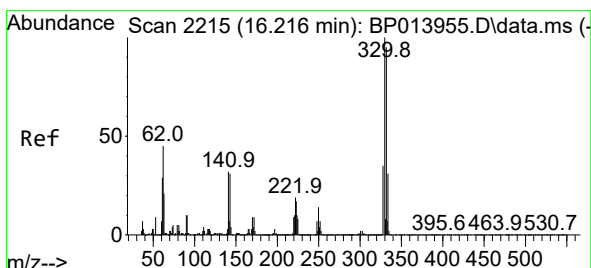
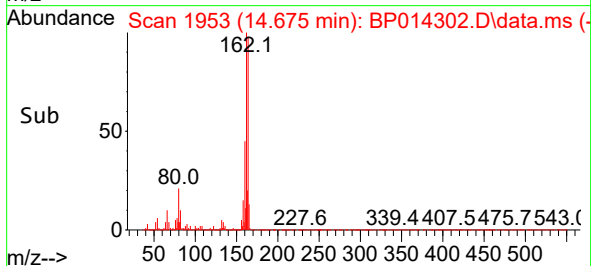
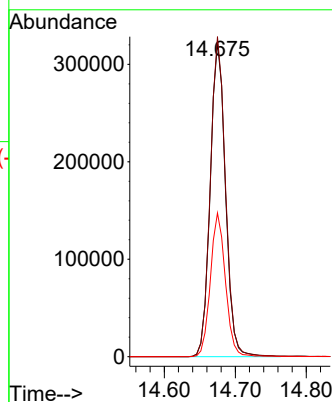
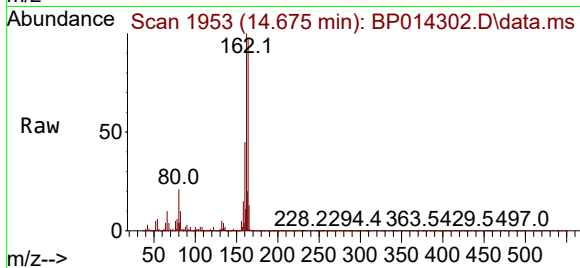
Tgt Ion:164 Resp: 480813

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

160 45.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 117.387 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014302.D

Acq: 24 Mar 2023 22:57

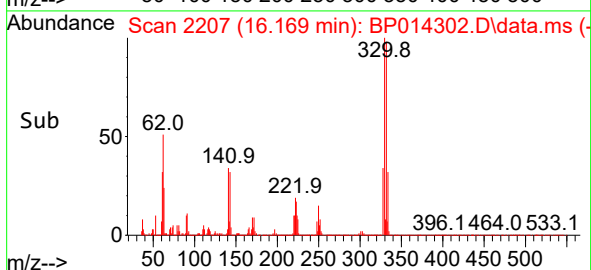
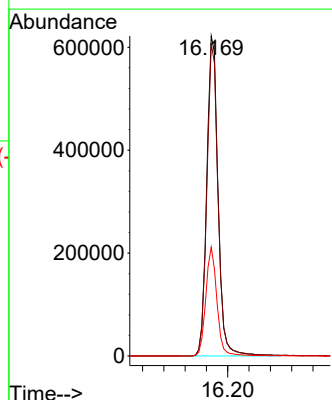
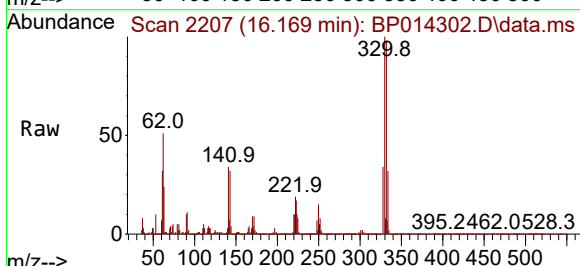
Tgt Ion:330 Resp: 915114

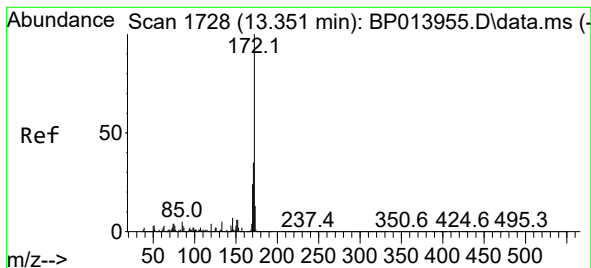
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 33.3 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 85.111 ng

RT: 13.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: BP014302.D

Acq: 24 Mar 2023 22:57

Instrument :

BNA_P

ClientSampleId :

PB150398TB

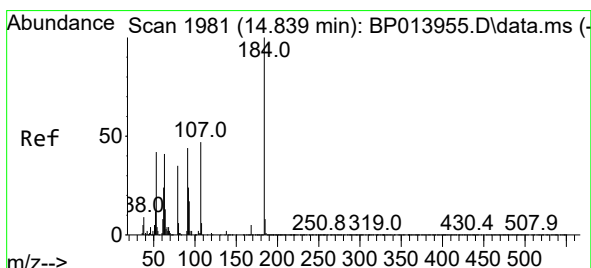
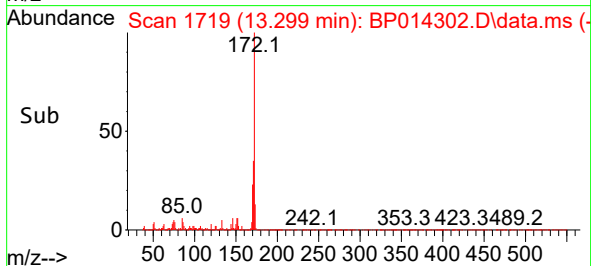
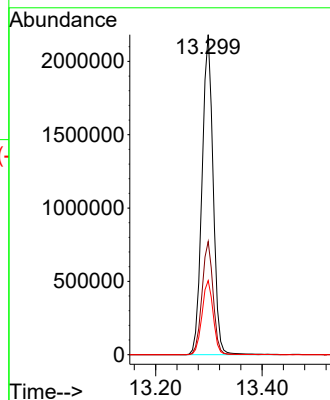
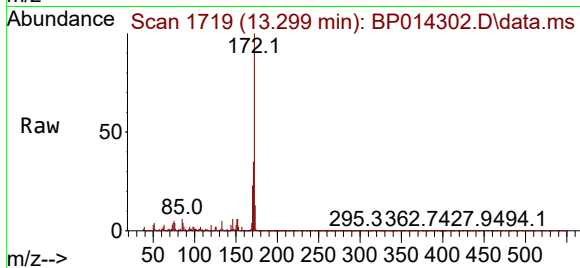
Tgt Ion:172 Resp: 3158635

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.079 ng

RT: 14.810 min Scan# 1976

Delta R.T. 0.012 min

Lab File: BP014302.D

Acq: 24 Mar 2023 22:57

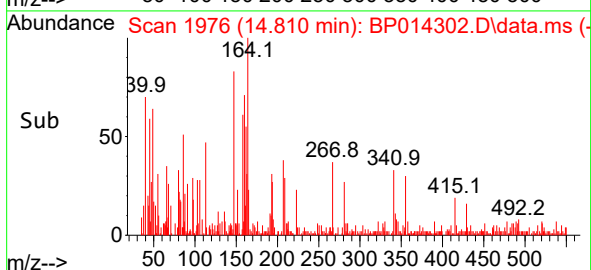
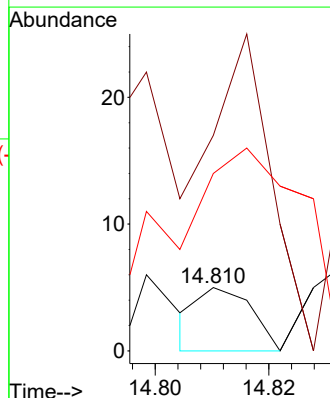
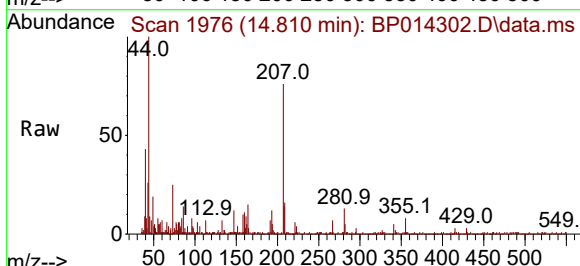
Tgt Ion:184 Resp: 3

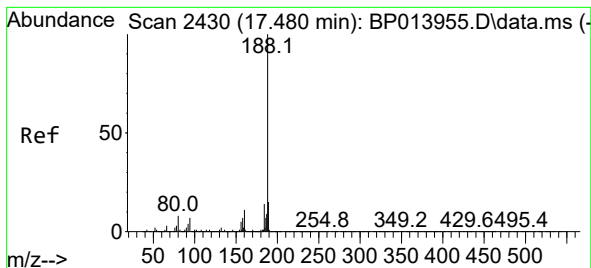
Ion Ratio Lower Upper

184 100

63 340.0 52.4 78.6#

154 280.0 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.434 min Scan# 24

Delta R.T. 0.000 min

Lab File: BP014302.D

Acq: 24 Mar 2023 22:57

Instrument :

BNA_P

ClientSampleId :

PB150398TB

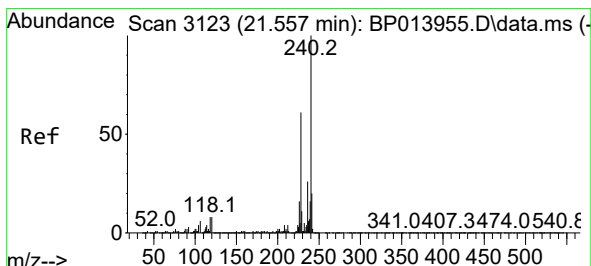
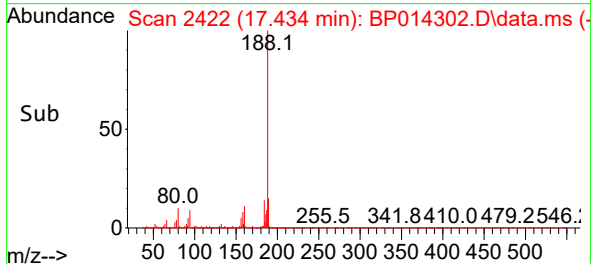
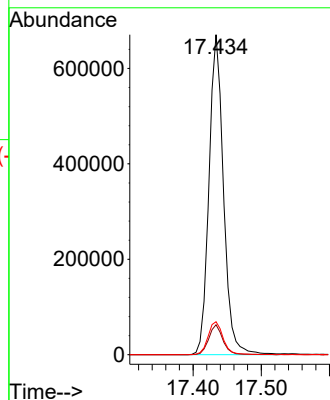
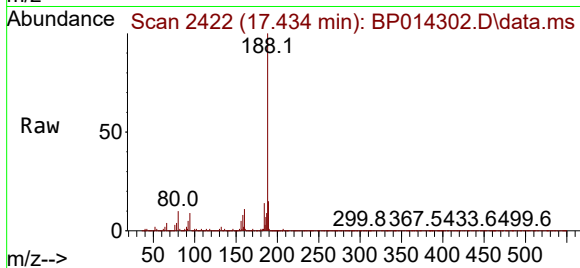
Tgt Ion:188 Resp: 996600

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.6#

80 10.3 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: BP014302.D

Acq: 24 Mar 2023 22:57

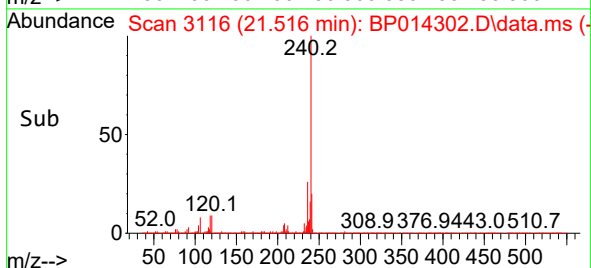
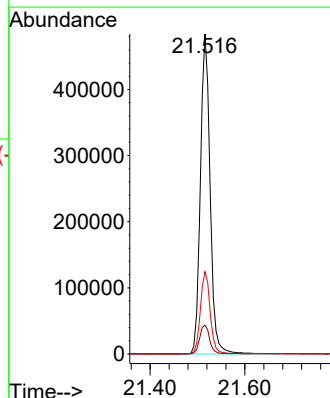
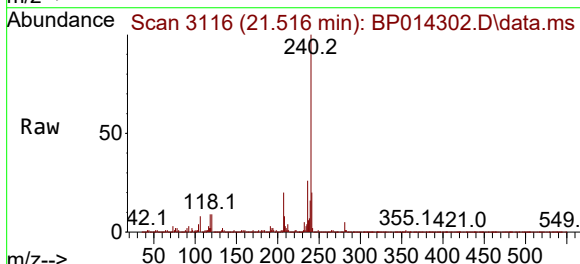
Tgt Ion:240 Resp: 690099

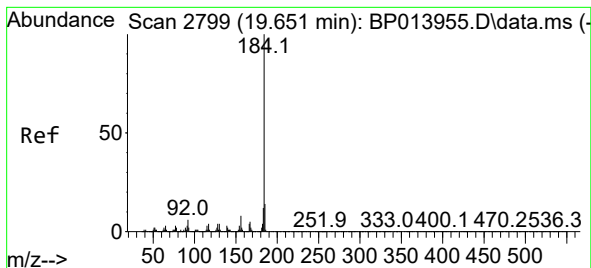
Ion Ratio Lower Upper

240 100

120 9.0 6.4 9.6

236 25.7 21.2 31.8





#77

Benzidine

Concen: 2.956 ng

RT: 19.663 min Scan# 2854

Delta R.T. 0.041 min

Lab File: BP014302.D

Acq: 24 Mar 2023 22:57

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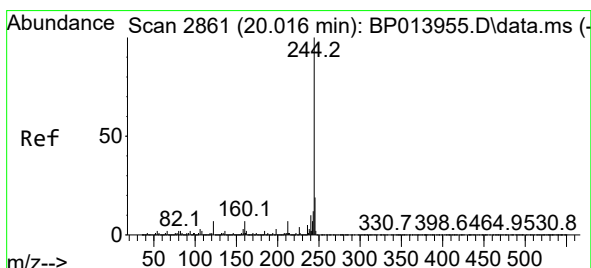
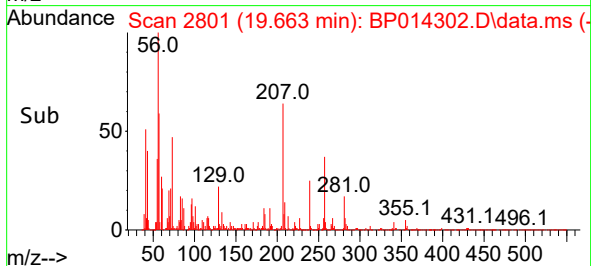
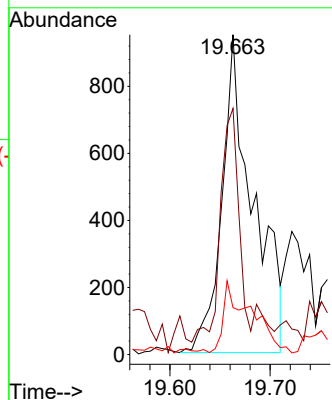
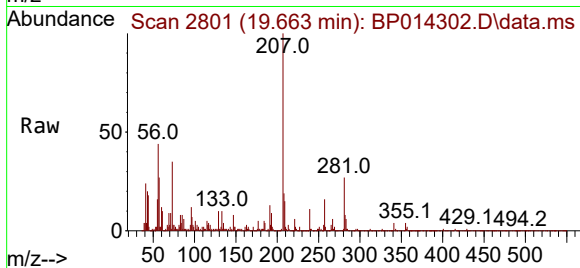
Tgt Ion:184 Resp: 2044

Ion Ratio Lower Upper

184 100

185 76.9 11.6 17.4#

183 14.7 9.7 14.5#



#79

Terphenyl-d14

Concen: 101.171 ng

RT: 19.975 min Scan# 2854

Delta R.T. 0.000 min

Lab File: BP014302.D

Acq: 24 Mar 2023 22:57

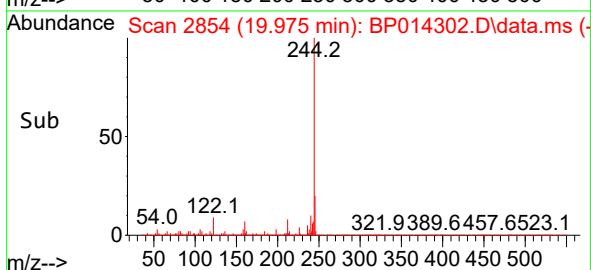
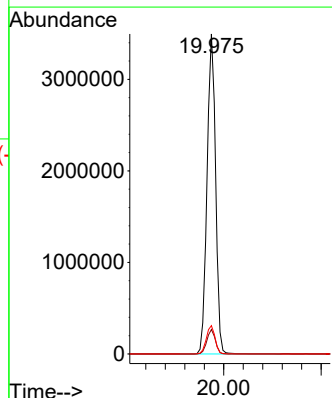
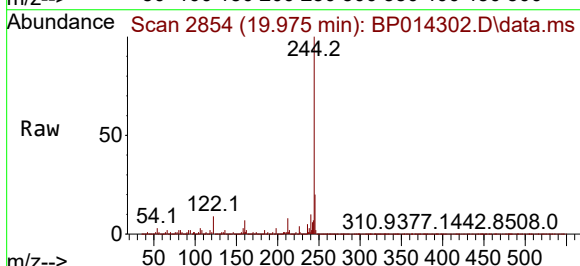
Tgt Ion:244 Resp: 4234087

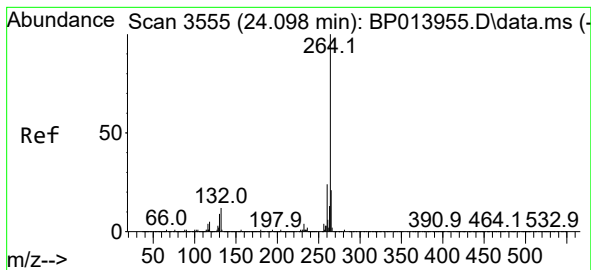
Ion Ratio Lower Upper

244 100

212 7.6 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: BP014302.D

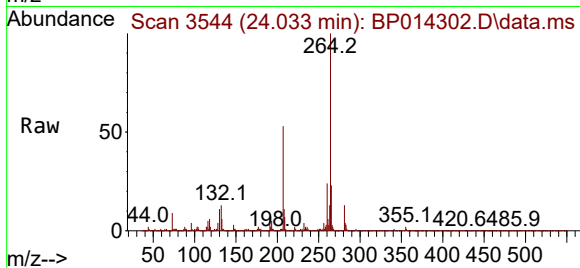
Acq: 24 Mar 2023 22:57

Instrument :

BNA_P

ClientSampleId :

PB150398TB



Tgt Ion:264 Resp: 587214

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 22.9 17.8 26.8

