

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014321.D
 Acq On : 27 Mar 2023 20:06
 Operator : CG/JU
 Sample : 02058-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CHAMBER-B-72-EAST

Quant Time: Mar 28 02:11:55 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)

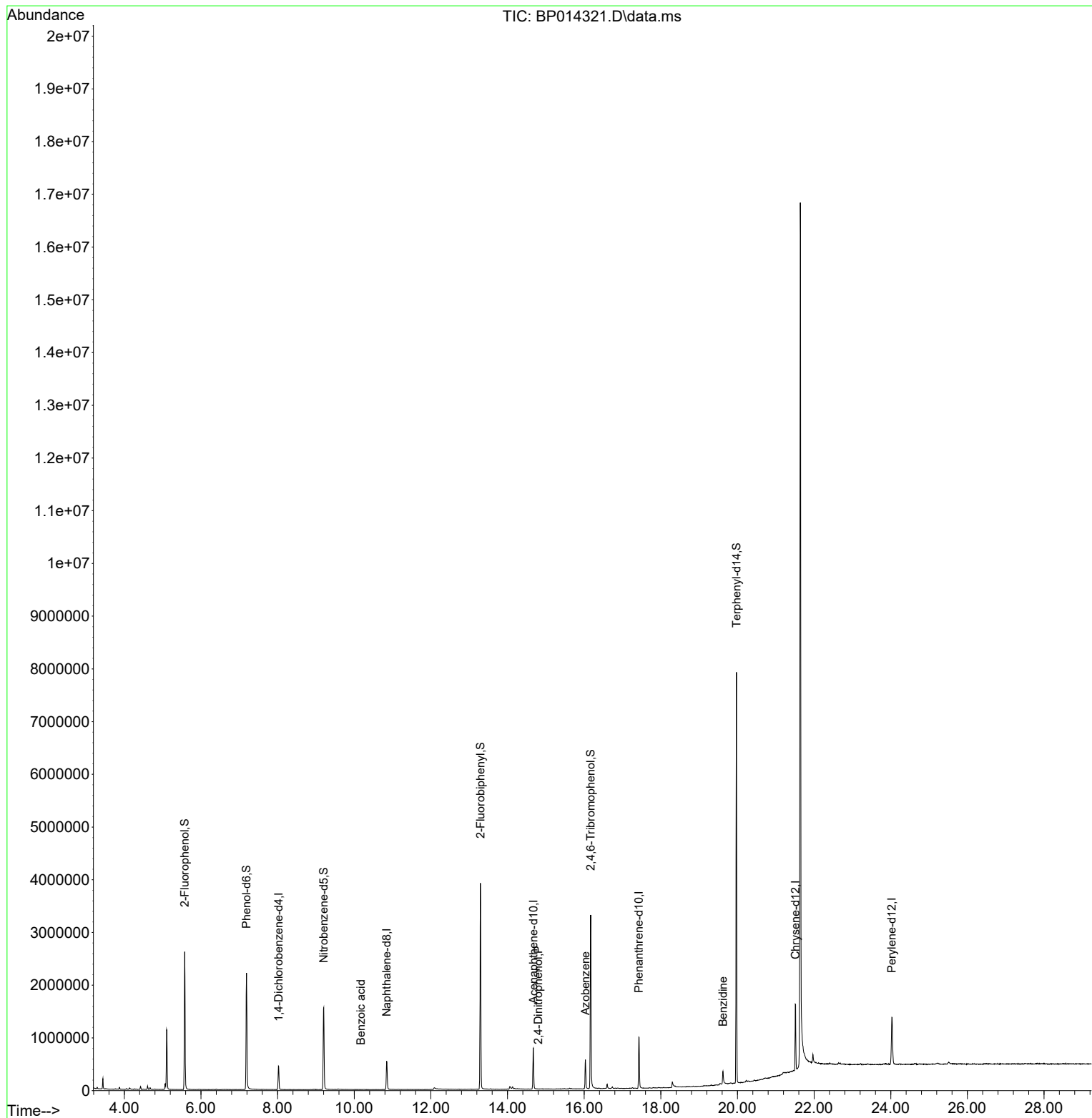
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	116171	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	438758	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	266688	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	598108	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	635295	20.000	ng	0.00
86) Perylene-d12	24.027	264	733311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1014220	141.585	ng	0.00
7) Phenol-d6	7.187	99	1226340	130.393	ng	0.00
23) Nitrobenzene-d5	9.205	82	941847	98.113	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	630247	145.757	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1915940	93.077	ng	0.00
79) Terphenyl-d14	19.975	244	3614417	93.814	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.169	122	16	2.704	ng	# 1
54) 2,4-Dinitrophenol	14.798	184	26	3.086	ng	# 43
63) Azobenzene	16.034	77	174205	8.667	ng	# 5
77) Benzidine	19.622	184	176006	14.420	ng	97

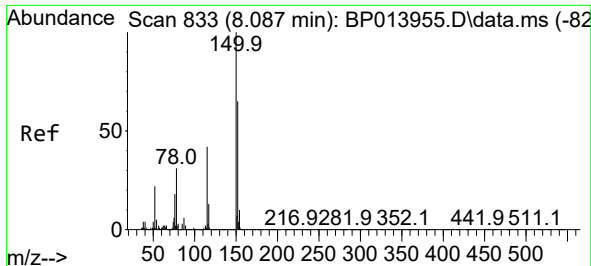
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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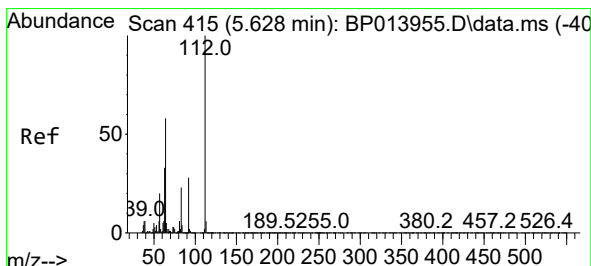
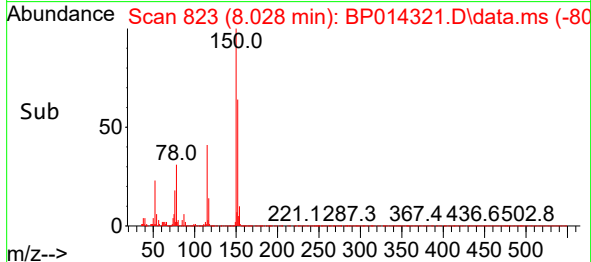
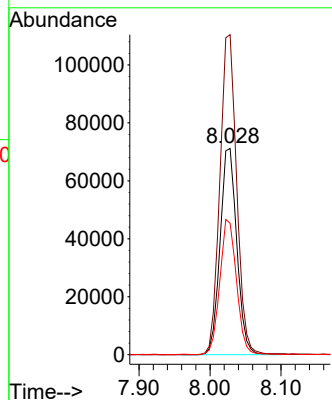
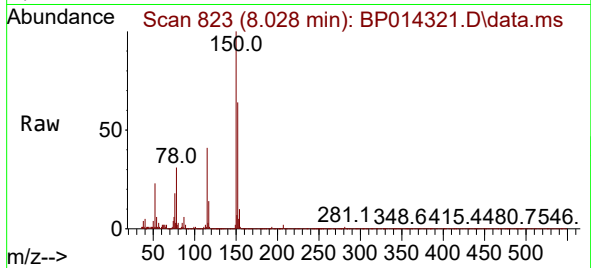




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP014321.D
Acq: 27 Mar 2023 20:06

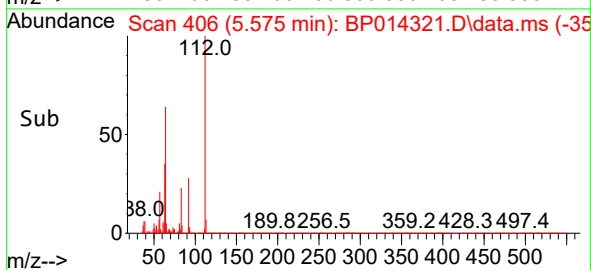
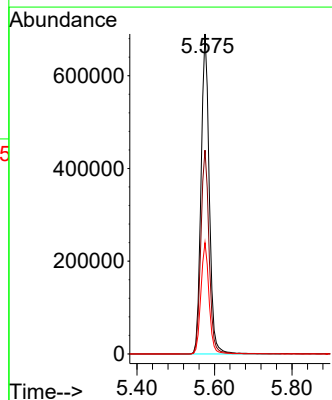
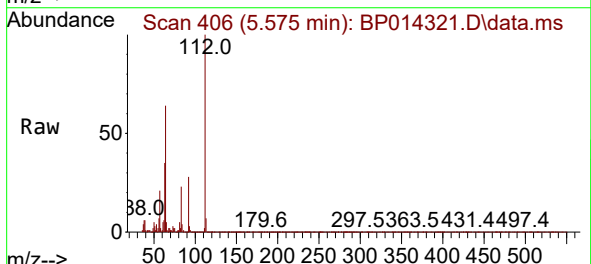
Instrument :
BNA_P
ClientSampleId :
CHAMBER-B-72-EAST

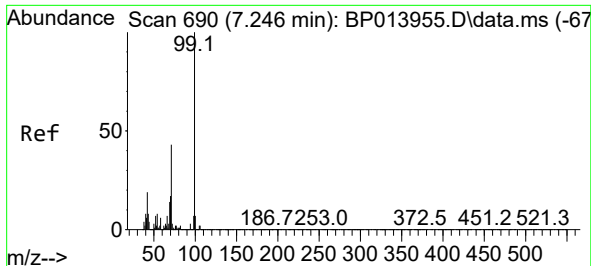
Tgt Ion:152 Resp: 116171
Ion Ratio Lower Upper
152 100
150 155.1 122.3 183.5
115 63.7 51.6 77.4



#5
2-Fluorophenol
Concen: 141.585 ng
RT: 5.575 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP014321.D
Acq: 27 Mar 2023 20:06

Tgt Ion:112 Resp: 1014220
Ion Ratio Lower Upper
112 100
64 63.7 46.7 70.1
63 34.8 26.6 40.0

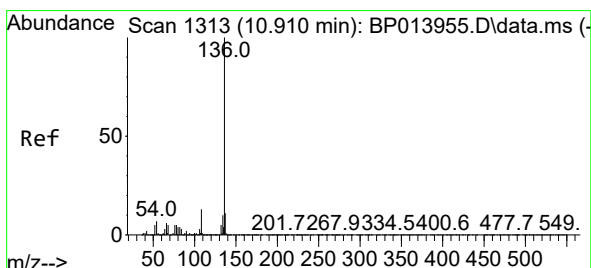
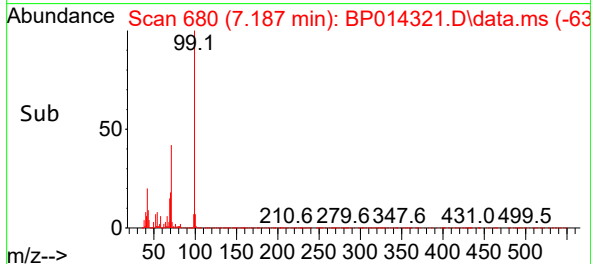
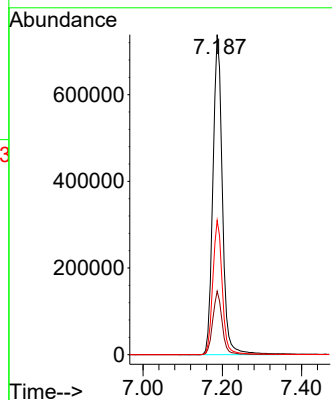
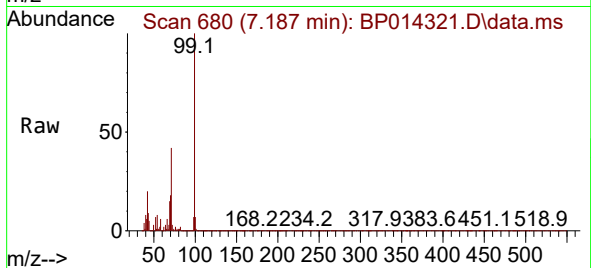




#7
Phenol-d6
Concen: 130.393 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014321.D
Acq: 27 Mar 2023 20:06

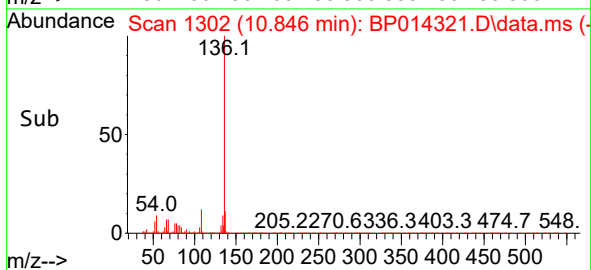
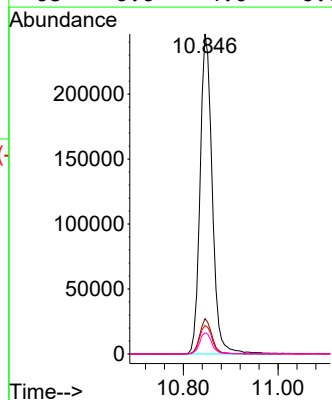
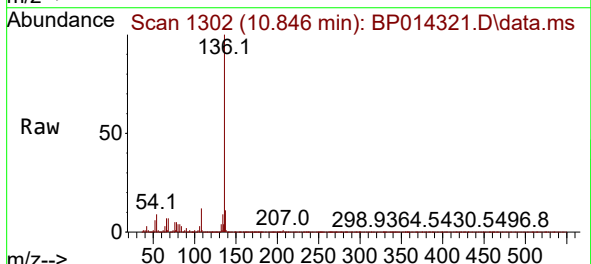
Instrument :
BNA_P
ClientSampleId :
CHAMBER-B-72-EAST

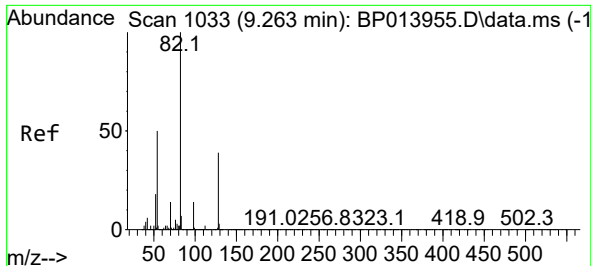
Tgt Ion: 99 Resp: 1226340
Ion Ratio Lower Upper
99 100
42 19.9 15.0 22.6
71 41.9 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014321.D
Acq: 27 Mar 2023 20:06

Tgt Ion: 136 Resp: 438758
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 8.9 5.8 8.8#
68 6.6 4.0 6.0#

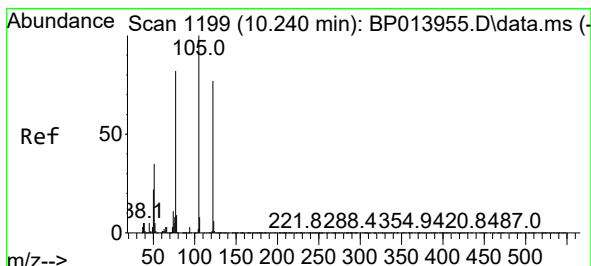
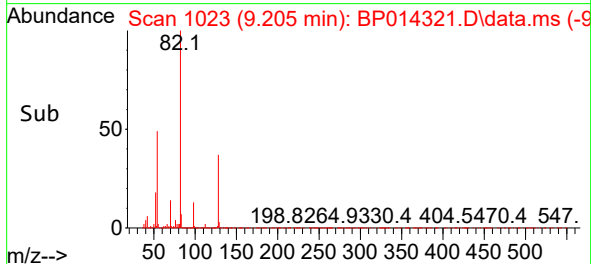
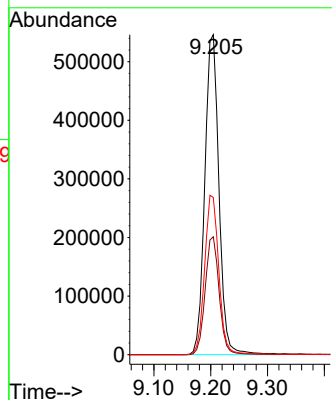
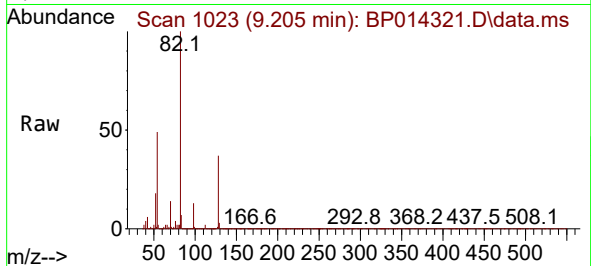




#23
Nitrobenzene-d5
Concen: 98.113 ng
RT: 9.205 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP014321.D
Acq: 27 Mar 2023 20:06

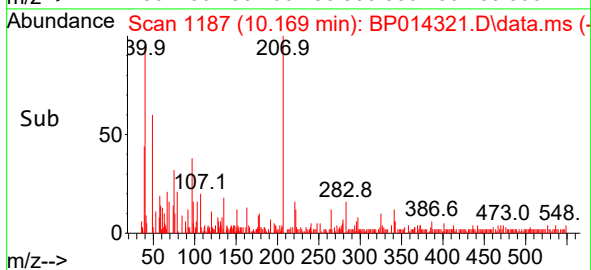
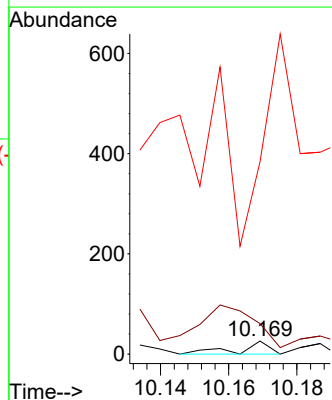
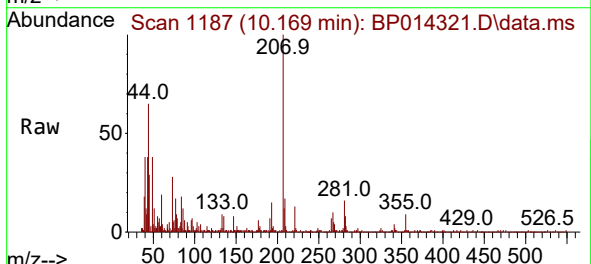
Instrument :
BNA_P
ClientSampleId :
CHAMBER-B-72-EAST

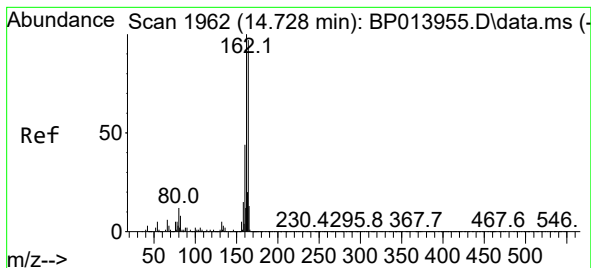
Tgt Ion: 82 Resp: 941847
Ion Ratio Lower Upper
82 100
128 36.9 31.1 46.7
54 49.1 40.0 60.0



#32
Benzoic acid
Concen: 2.704 ng
RT: 10.169 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BP014321.D
Acq: 27 Mar 2023 20:06

Tgt Ion:122 Resp: 16
Ion Ratio Lower Upper
122 100
105 234.6 108.2 148.2#
77 1476.9 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: BP014321.D

Acq: 27 Mar 2023 20:06

Instrument :

BNA_P

ClientSampleId :

CHAMBER-B-72-EAST

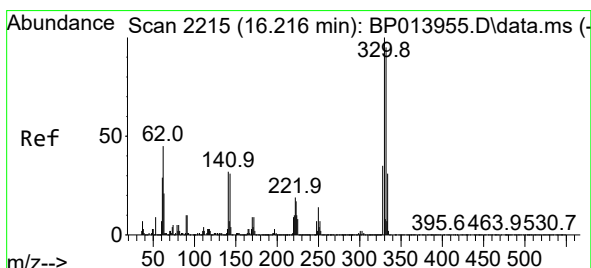
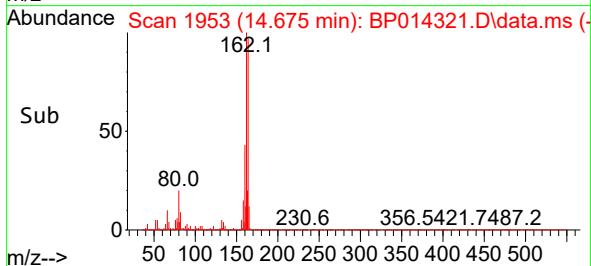
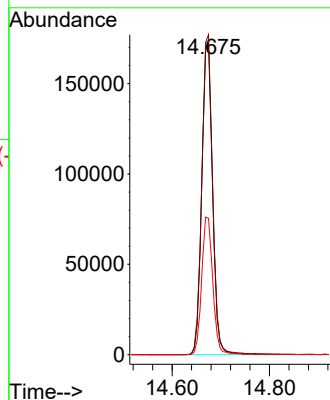
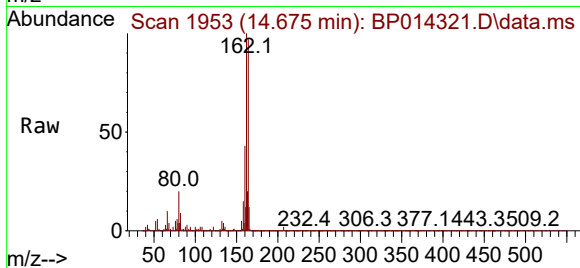
Tgt Ion:164 Resp: 266688

Ion Ratio Lower Upper

164 100

162 102.7 82.1 123.1

160 43.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 145.757 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014321.D

Acq: 27 Mar 2023 20:06

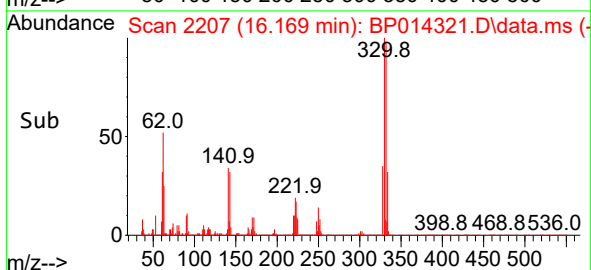
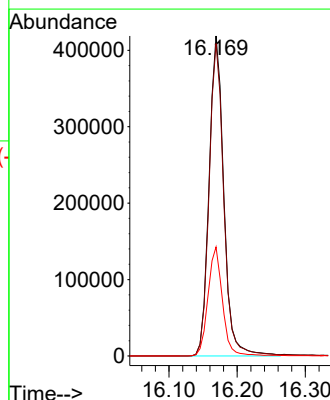
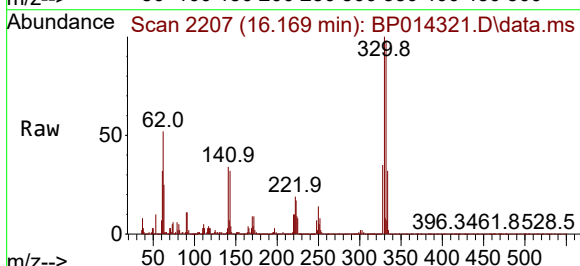
Tgt Ion:330 Resp: 630247

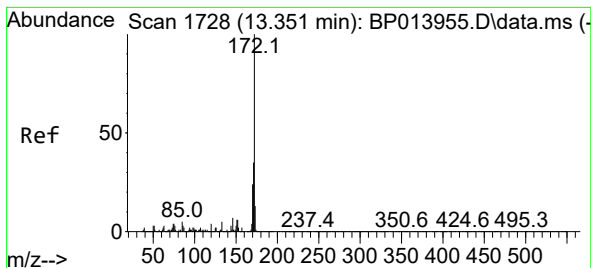
Ion Ratio Lower Upper

330 100

332 97.8 77.1 115.7

141 33.7 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 93.077 ng

RT: 13.293 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014321.D

Acq: 27 Mar 2023 20:06

Instrument :

BNA_P

ClientSampleId :

CHAMBER-B-72-EAST

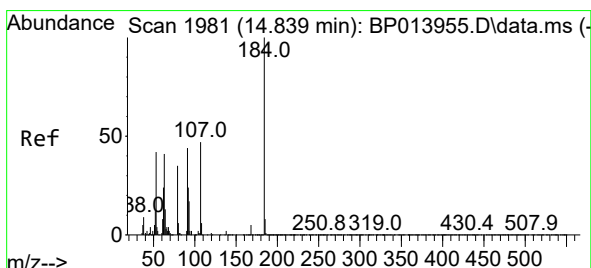
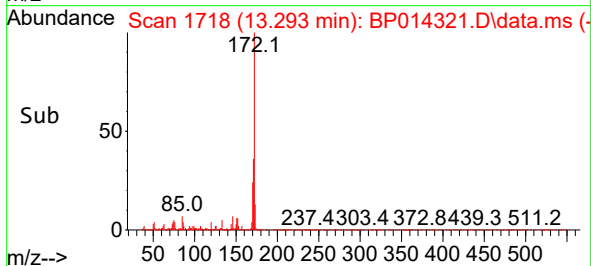
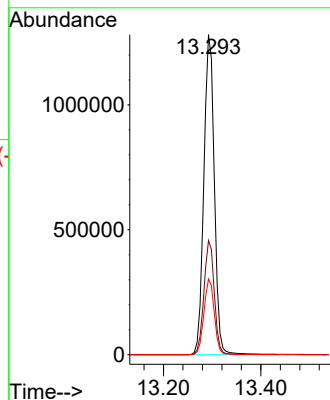
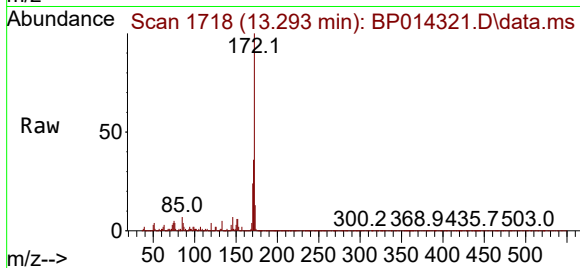
Tgt Ion:172 Resp: 1915940

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.7 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.086 ng

RT: 14.798 min Scan# 1974

Delta R.T. 0.000 min

Lab File: BP014321.D

Acq: 27 Mar 2023 20:06

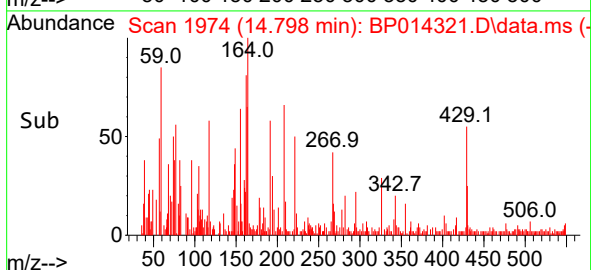
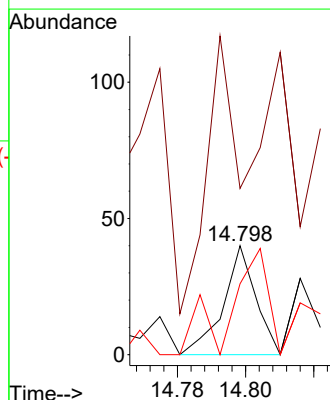
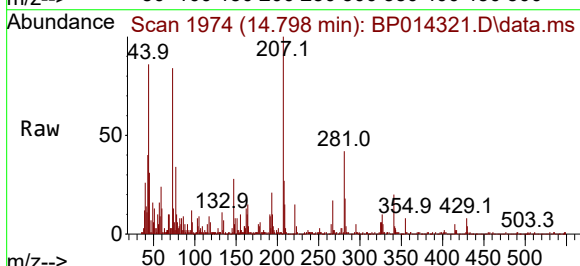
Tgt Ion:184 Resp: 26

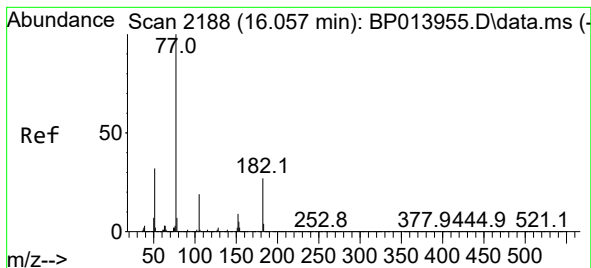
Ion Ratio Lower Upper

184 100

63 152.5 52.4 78.6#

154 65.0 59.4 89.2





#63

Azobenzene

Concen: 8.667 ng

RT: 16.034 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP014321.D

Acq: 27 Mar 2023 20:06

Instrument :

BNA_P

ClientSampleId :

CHAMBER-B-72-EAST

Tgt Ion: 77 Resp: 174205

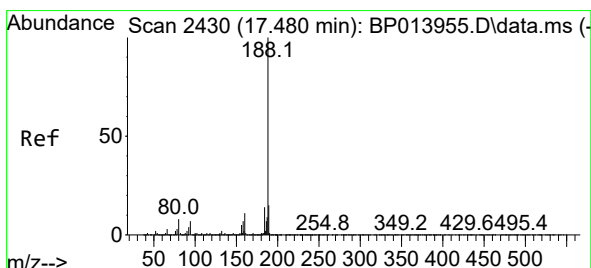
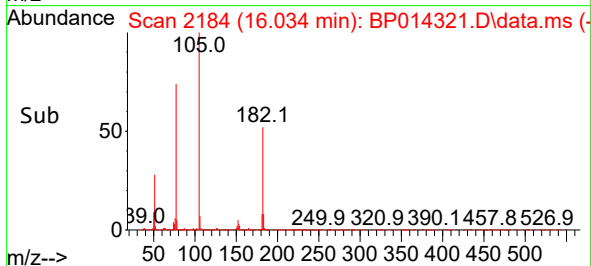
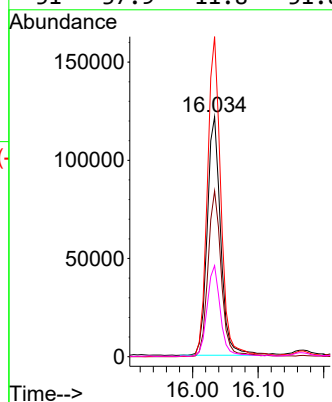
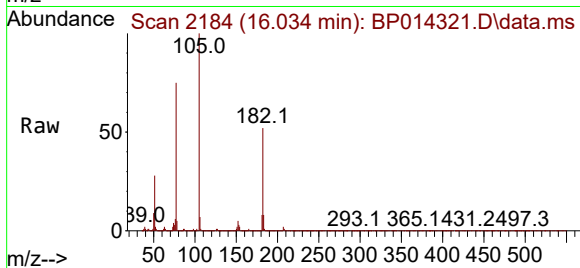
Ion Ratio Lower Upper

77 100

182 69.1 6.9 46.9#

105 133.4 0.0 39.4#

51 37.9 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: BP014321.D

Acq: 27 Mar 2023 20:06

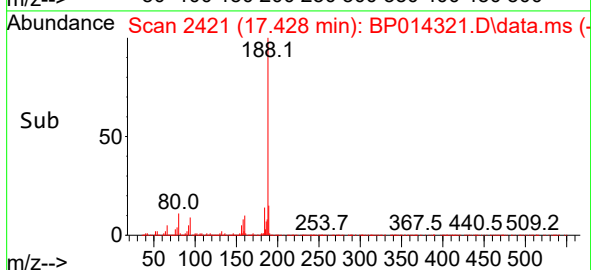
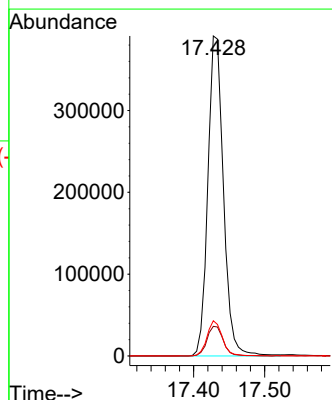
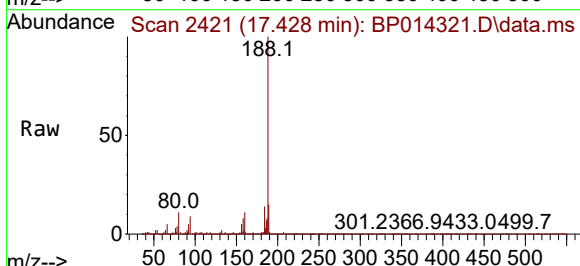
Tgt Ion:188 Resp: 598108

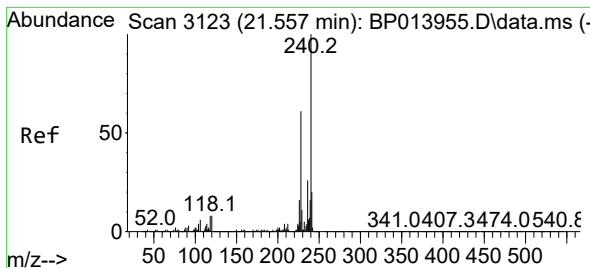
Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.6#

80 11.0 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: BP014321.D

Acq: 27 Mar 2023 20:06

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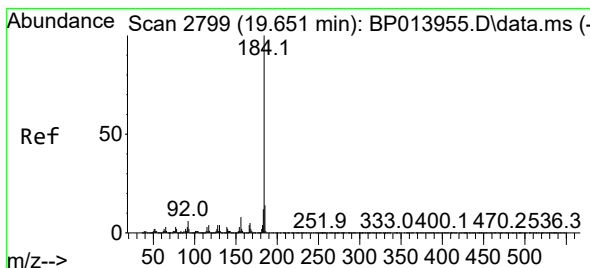
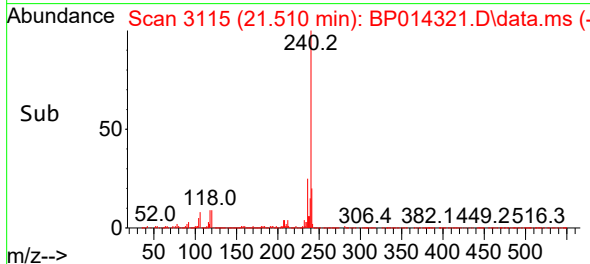
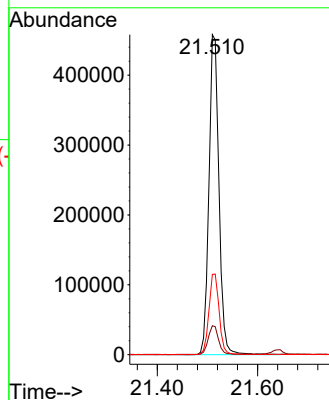
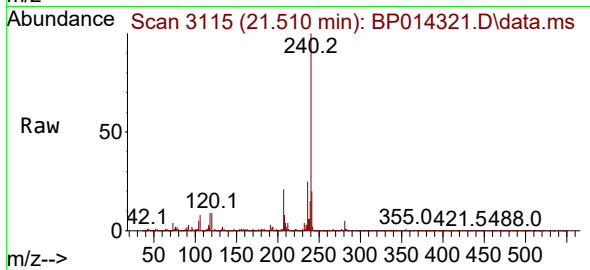
Tgt Ion:240 Resp: 635295

Ion Ratio Lower Upper

240 100

120 9.0 6.4 9.6

236 25.1 21.2 31.8



#77

Benzidine

Concen: 14.420 ng

RT: 19.622 min Scan# 2794

Delta R.T. 0.000 min

Lab File: BP014321.D

Acq: 27 Mar 2023 20:06

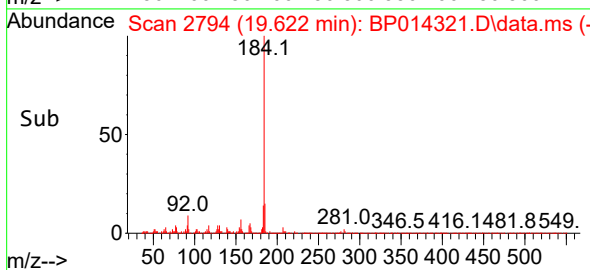
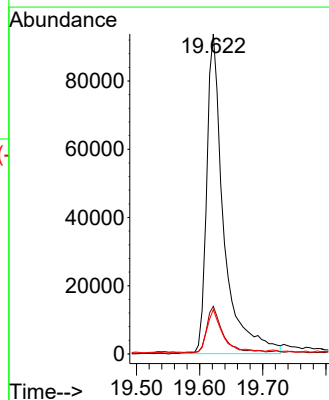
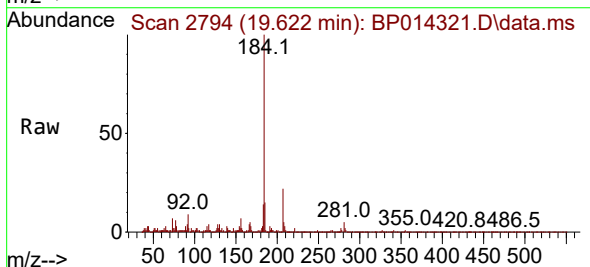
Tgt Ion:184 Resp: 176006

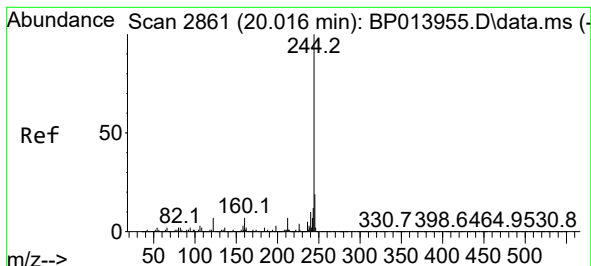
Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 13.9 9.7 14.5





#79

Terphenyl-d14

Concen: 93.814 ng

RT: 19.975 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP014321.D

Acq: 27 Mar 2023 20:06

Instrument :

BNA_P

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CHAMBER-B-72-EAST

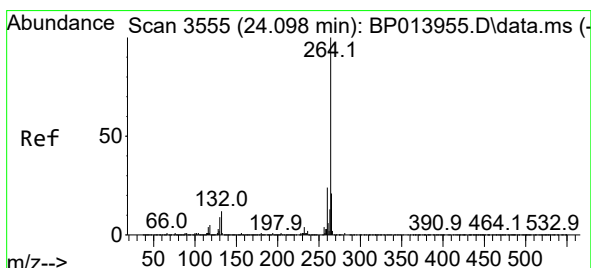
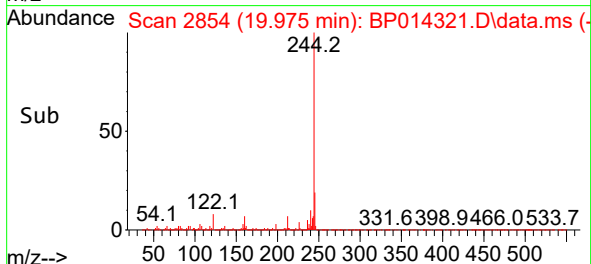
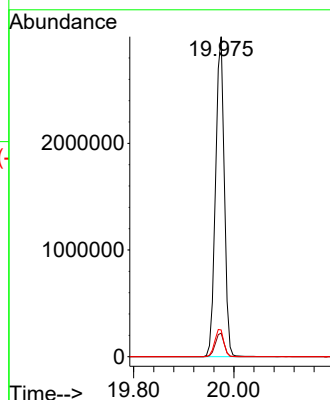
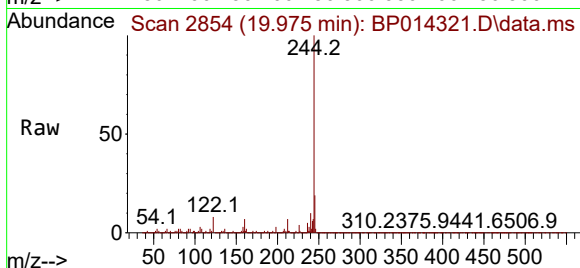
Tgt Ion:244 Resp: 3614417

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 8.3 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: BP014321.D

Acq: 27 Mar 2023 20:06

Tgt Ion:264 Resp: 733311

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.3 17.8 26.8

