

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014329.D
 Acq On : 28 Mar 2023 00:36
 Operator : CG/JU
 Sample : 02012-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EB-2023-3-19

Quant Time: Mar 28 02:14:14 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)

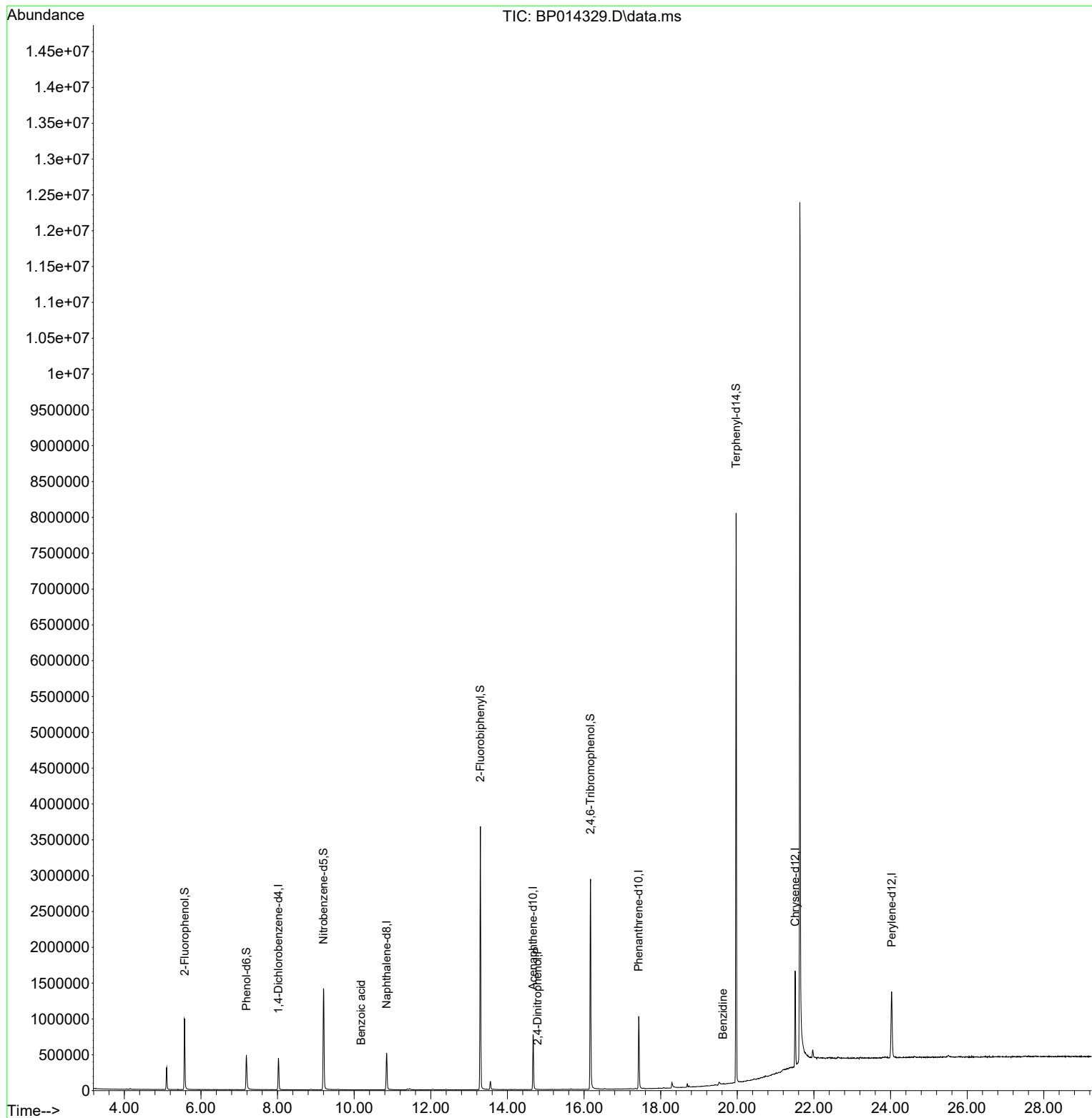
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	112711	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	423404	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	266426	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	627585	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	660841	20.000	ng	0.00
86) Perylene-d12	24.027	264	746910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	411449	59.201	ng	0.00
7) Phenol-d6	7.187	99	301945	33.091	ng	0.00
23) Nitrobenzene-d5	9.199	82	883464	95.368	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	585878	135.629	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1785179	86.810	ng	0.00
79) Terphenyl-d14	19.969	244	3632670	90.643	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.181	122	11	2.703	ng	# 1
54) 2,4-Dinitrophenol	14.786	184	30	3.087	ng	# 57
77) Benzidine	19.627	184	104	2.842	ng	# 1

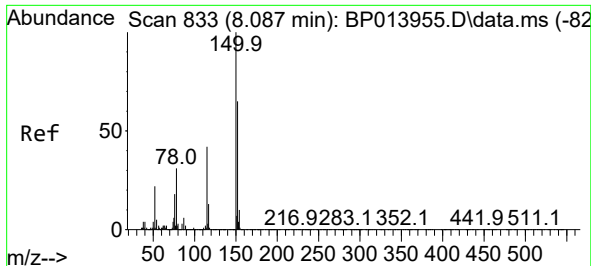
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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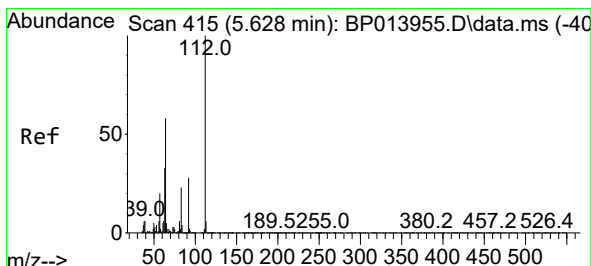
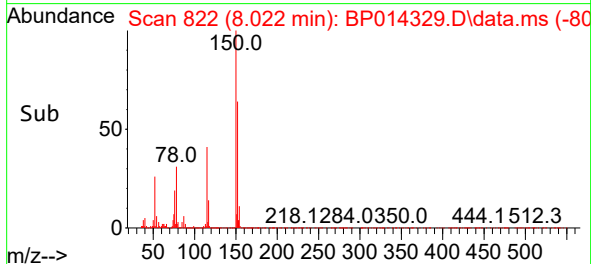
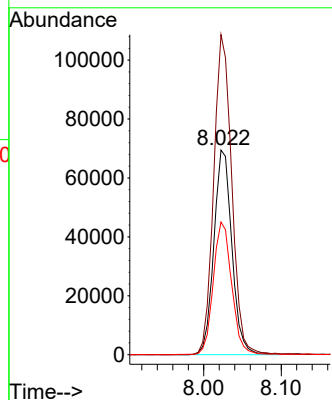
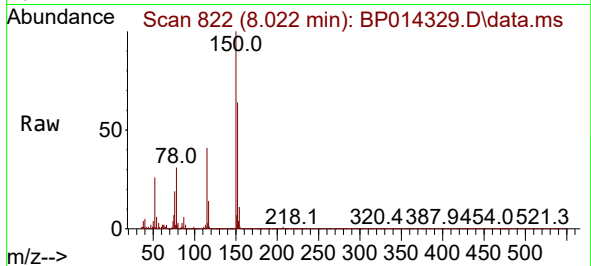




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

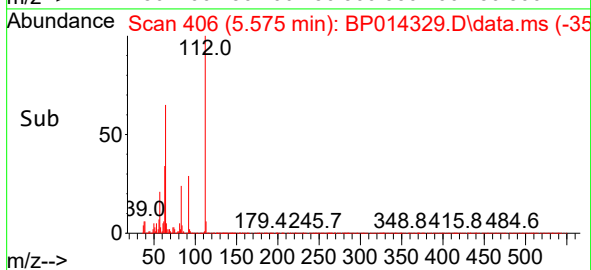
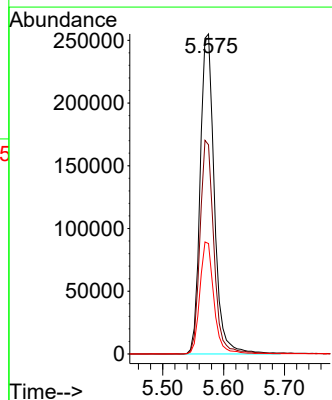
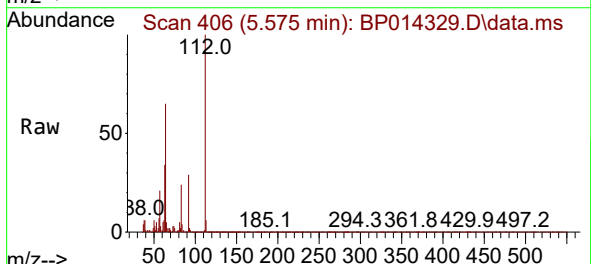
Instrument :
BNA_P
ClientSampleId :
EB-2023-3-19

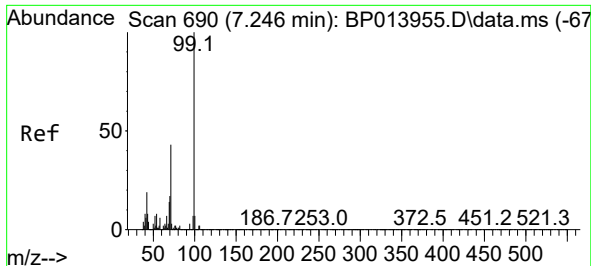
Tgt Ion:152 Resp: 112711
Ion Ratio Lower Upper
152 100
150 156.4 122.3 183.5
115 64.9 51.6 77.4



#5
2-Fluorophenol
Concen: 59.201 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

Tgt Ion:112 Resp: 411449
Ion Ratio Lower Upper
112 100
64 65.3 46.7 70.1
63 34.5 26.6 40.0

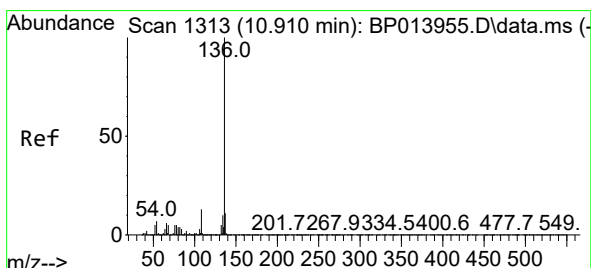
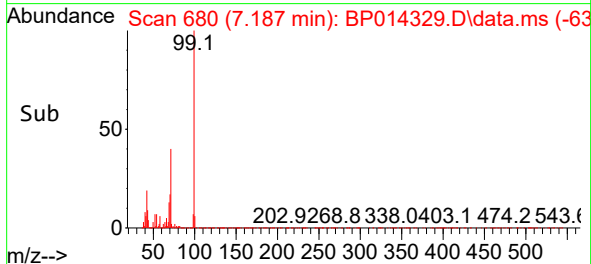
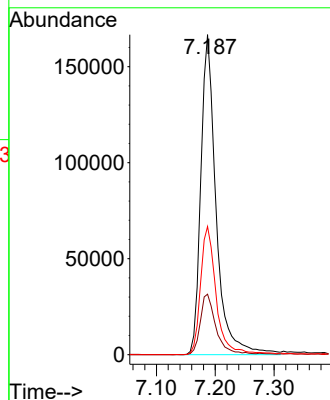
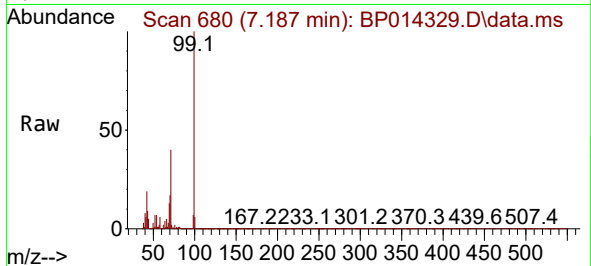




#7
Phenol-d6
Concen: 33.091 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

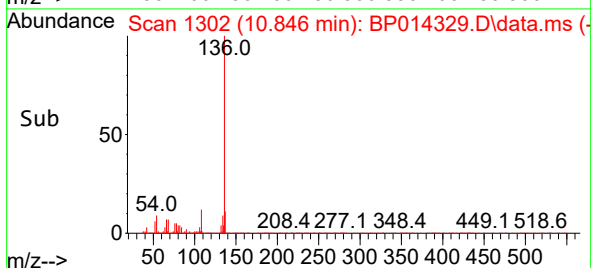
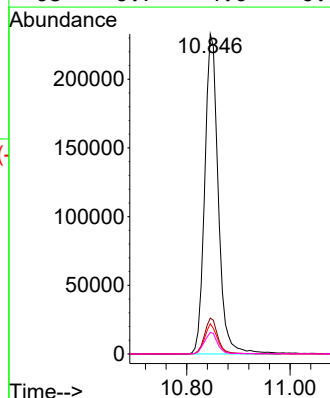
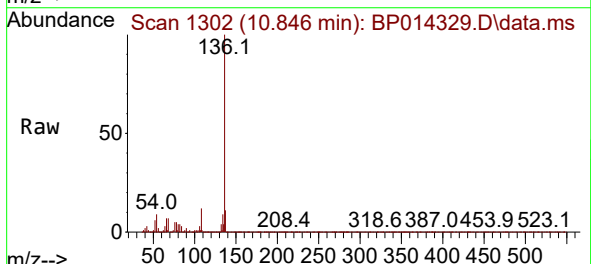
Instrument :
BNA_P
ClientSampleId :
EB-2023-3-19

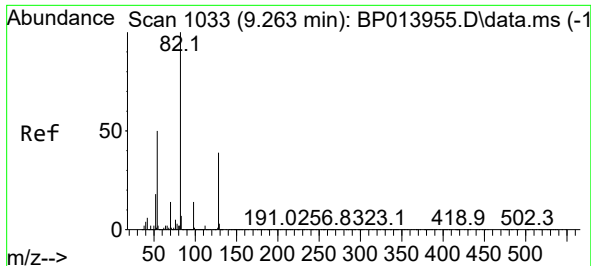
Tgt Ion: 99 Resp: 301945
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 40.1 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

Tgt Ion: 136 Resp: 423404
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.4 5.8 8.8#
68 6.7 4.0 6.0#

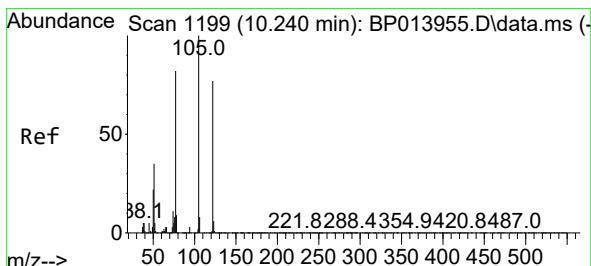
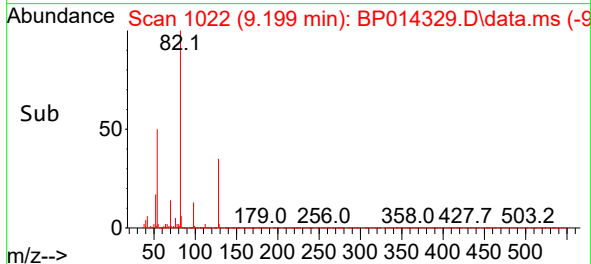
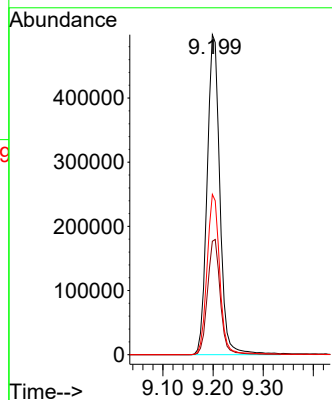
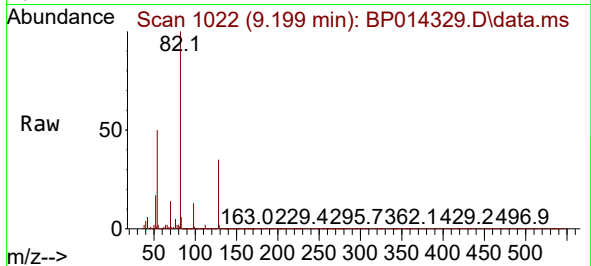




#23
Nitrobenzene-d5
Concen: 95.368 ng
RT: 9.199 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

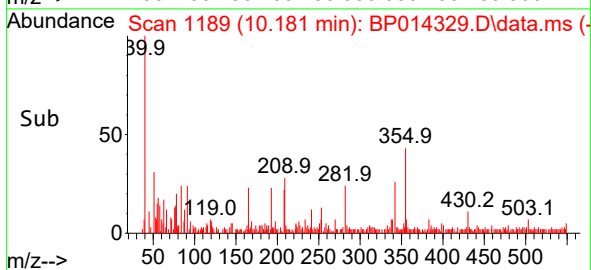
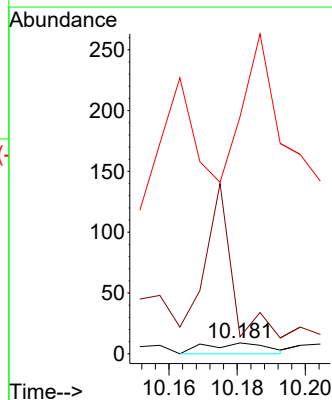
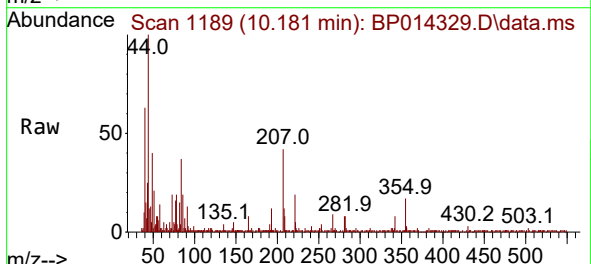
Instrument :
BNA_P
ClientSampleId :
EB-2023-3-19

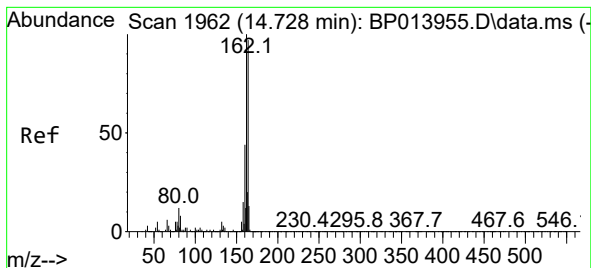
Tgt Ion: 82 Resp: 883464
Ion Ratio Lower Upper
82 100
128 35.4 31.1 46.7
54 50.1 40.0 60.0



#32
Benzoic acid
Concen: 2.703 ng
RT: 10.181 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

Tgt Ion:122 Resp: 11
Ion Ratio Lower Upper
122 100
105 155.6 108.2 148.2#
77 2166.7 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: BP014329.D

Acq: 28 Mar 2023 00:36

Instrument :

BNA_P

ClientSampleId :

EB-2023-3-19

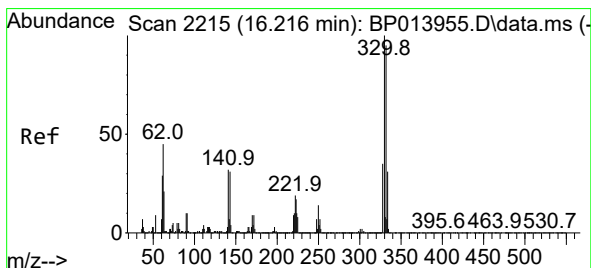
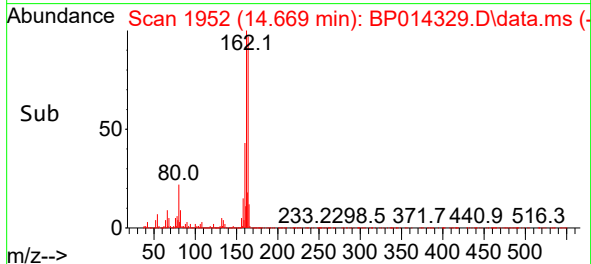
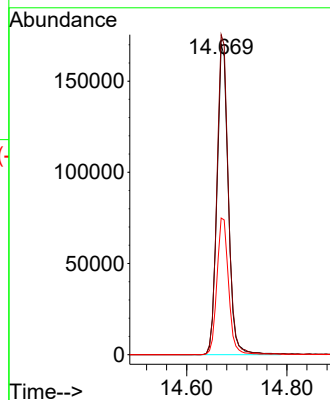
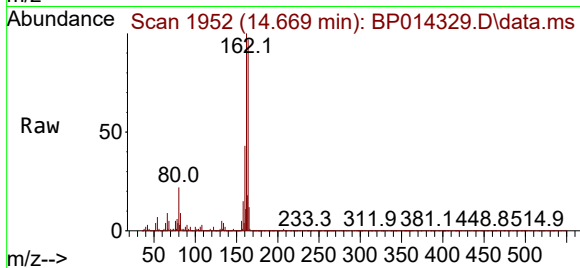
Tgt Ion:164 Resp: 266426

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

160 44.0 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 135.629 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014329.D

Acq: 28 Mar 2023 00:36

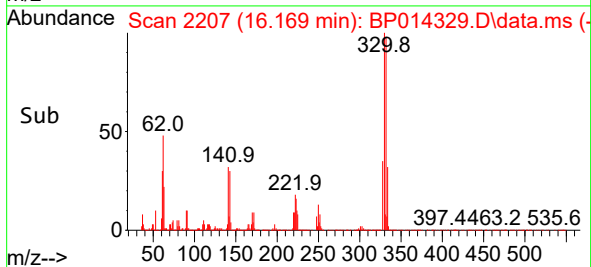
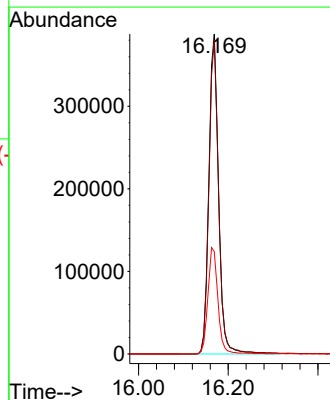
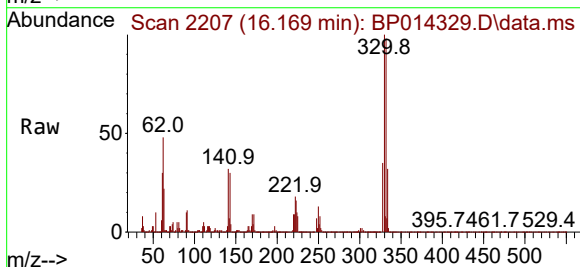
Tgt Ion:330 Resp: 585878

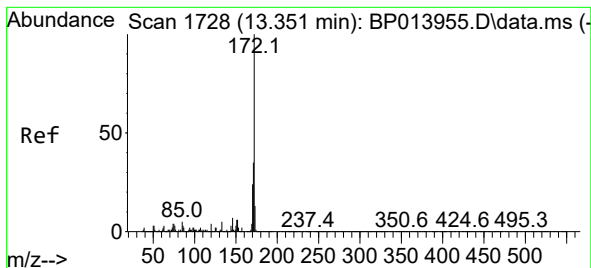
Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

141 34.2 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 86.810 ng

RT: 13.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP014329.D

Acq: 28 Mar 2023 00:36

Instrument :

BNA_P

ClientSampleId :

EB-2023-3-19

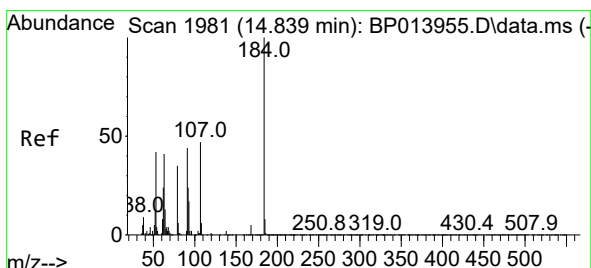
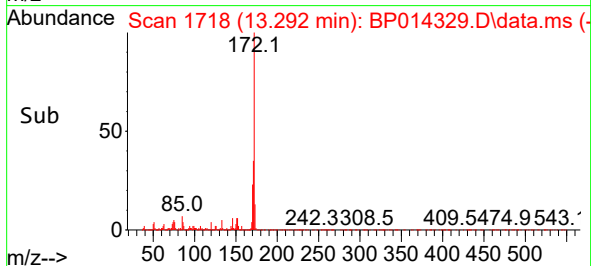
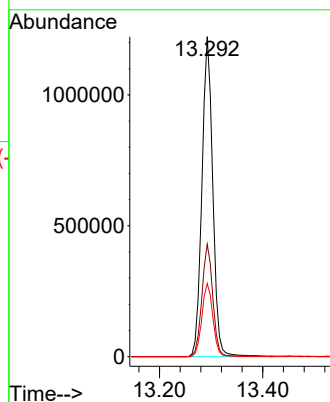
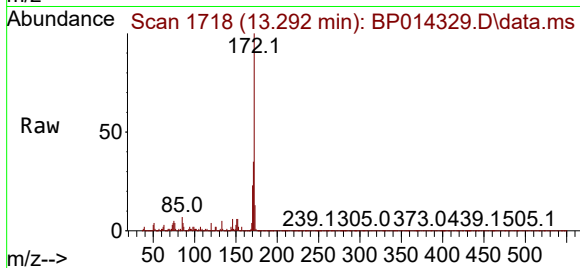
Tgt Ion:172 Resp: 1785179

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 22.8 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.087 ng

RT: 14.786 min Scan# 1972

Delta R.T. -0.012 min

Lab File: BP014329.D

Acq: 28 Mar 2023 00:36

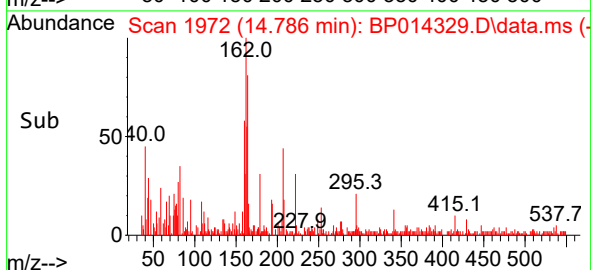
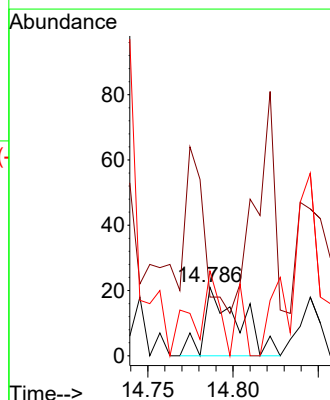
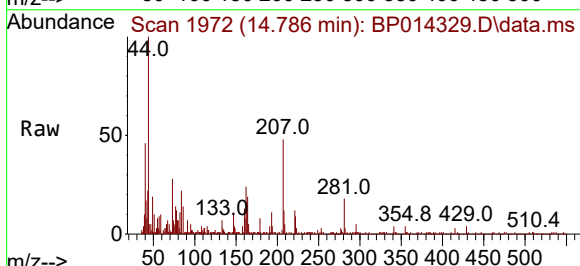
Tgt Ion:184 Resp: 30

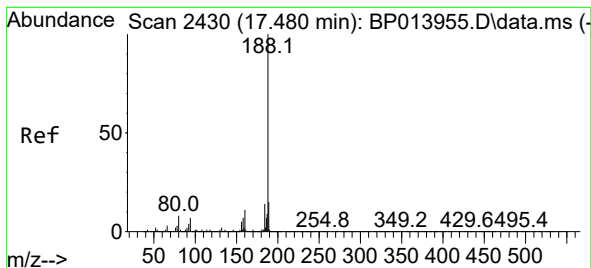
Ion Ratio Lower Upper

184 100

63 85.7 52.4 78.6#

154 123.8 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: BP014329.D

Acq: 28 Mar 2023 00:36

Instrument :

BNA_P

ClientSampleId :

EB-2023-3-19

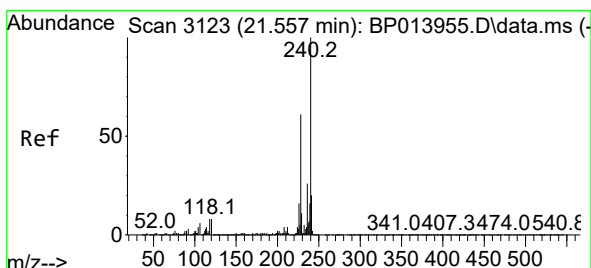
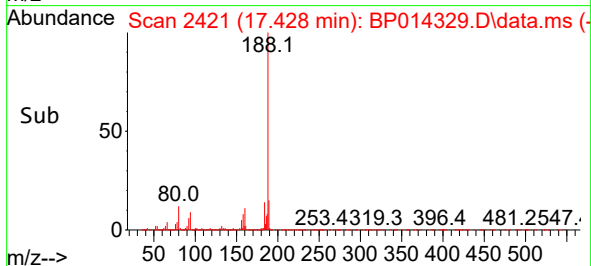
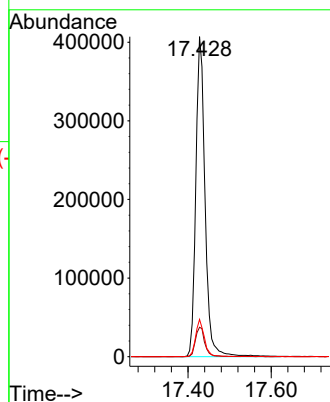
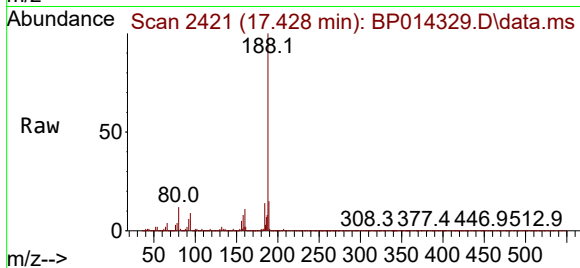
Tgt Ion:188 Resp: 627585

Ion Ratio Lower Upper

188 100

94 9.2 5.8 8.6#

80 11.7 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: BP014329.D

Acq: 28 Mar 2023 00:36

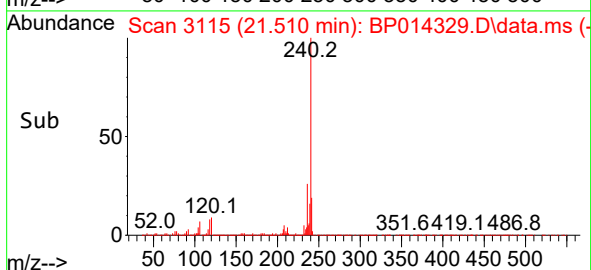
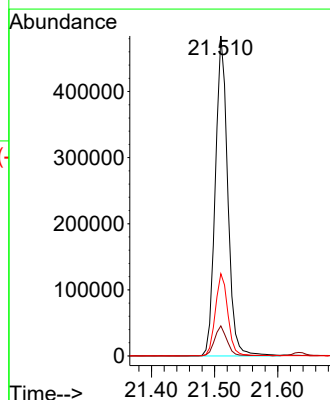
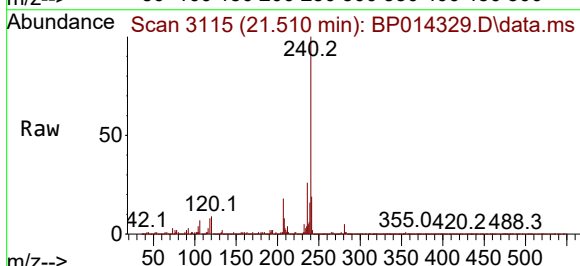
Tgt Ion:240 Resp: 660841

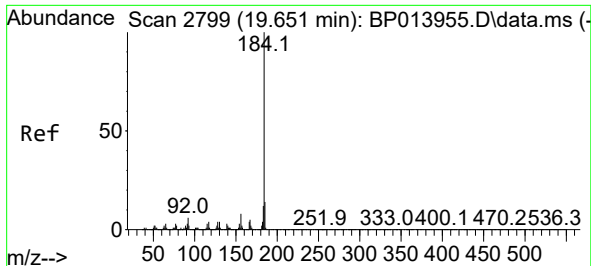
Ion Ratio Lower Upper

240 100

120 9.4 6.4 9.6

236 25.7 21.2 31.8

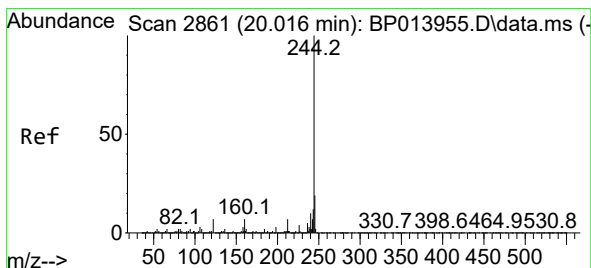
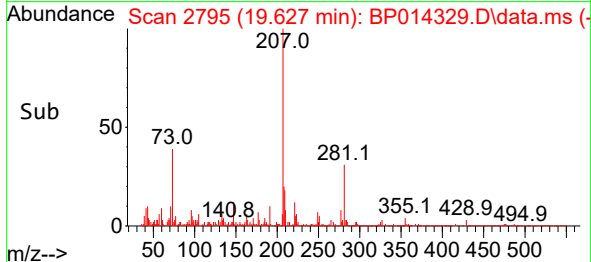
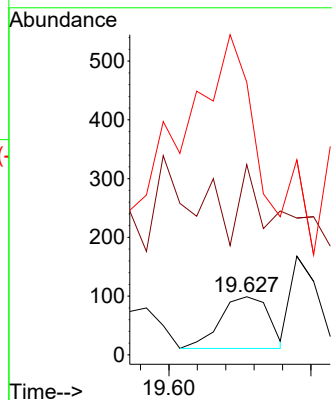
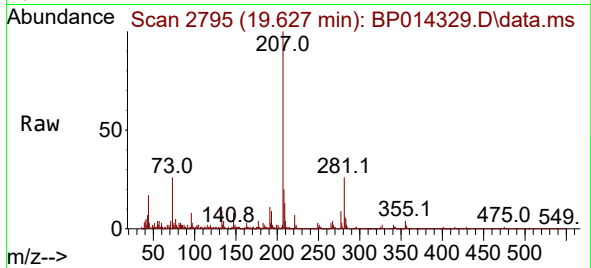




#77
Benzidine
Concen: 2.842 ng
RT: 19.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

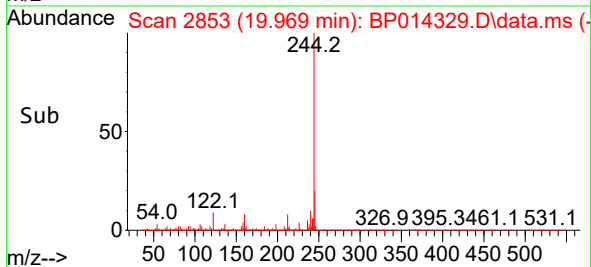
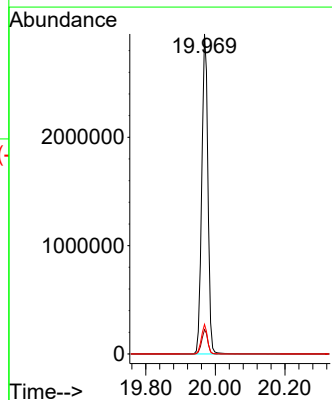
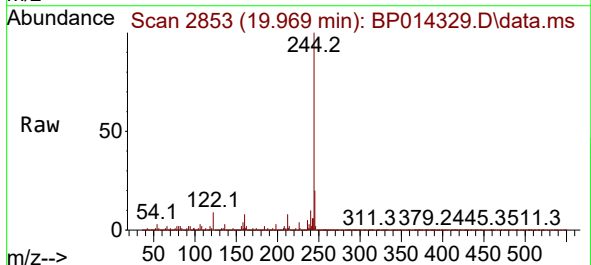
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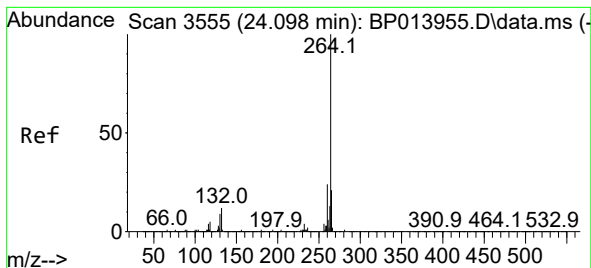
Tgt Ion:184 Resp: 104
Ion Ratio Lower Upper
184 100
185 327.3 11.6 17.4#
183 468.7 9.7 14.5#



#79
Terphenyl-d14
Concen: 90.643 ng
RT: 19.969 min Scan# 2853
Delta R.T. -0.006 min
Lab File: BP014329.D
Acq: 28 Mar 2023 00:36

Tgt Ion:244 Resp: 3632670
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 9.2 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: BP014329.D

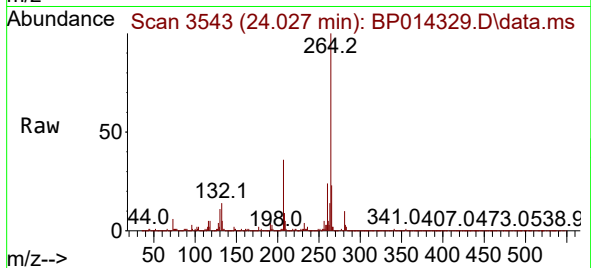
Acq: 28 Mar 2023 00:36

Instrument :

BNA_P

ClientSampleId :

EB-2023-3-19



Tgt Ion:264 Resp: 746910

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.6 17.8 26.8

