

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014328.D
 Acq On : 28 Mar 2023 00:02
 Operator : CG/JU
 Sample : 02055-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-4

Quant Time: Mar 28 02:13:58 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)

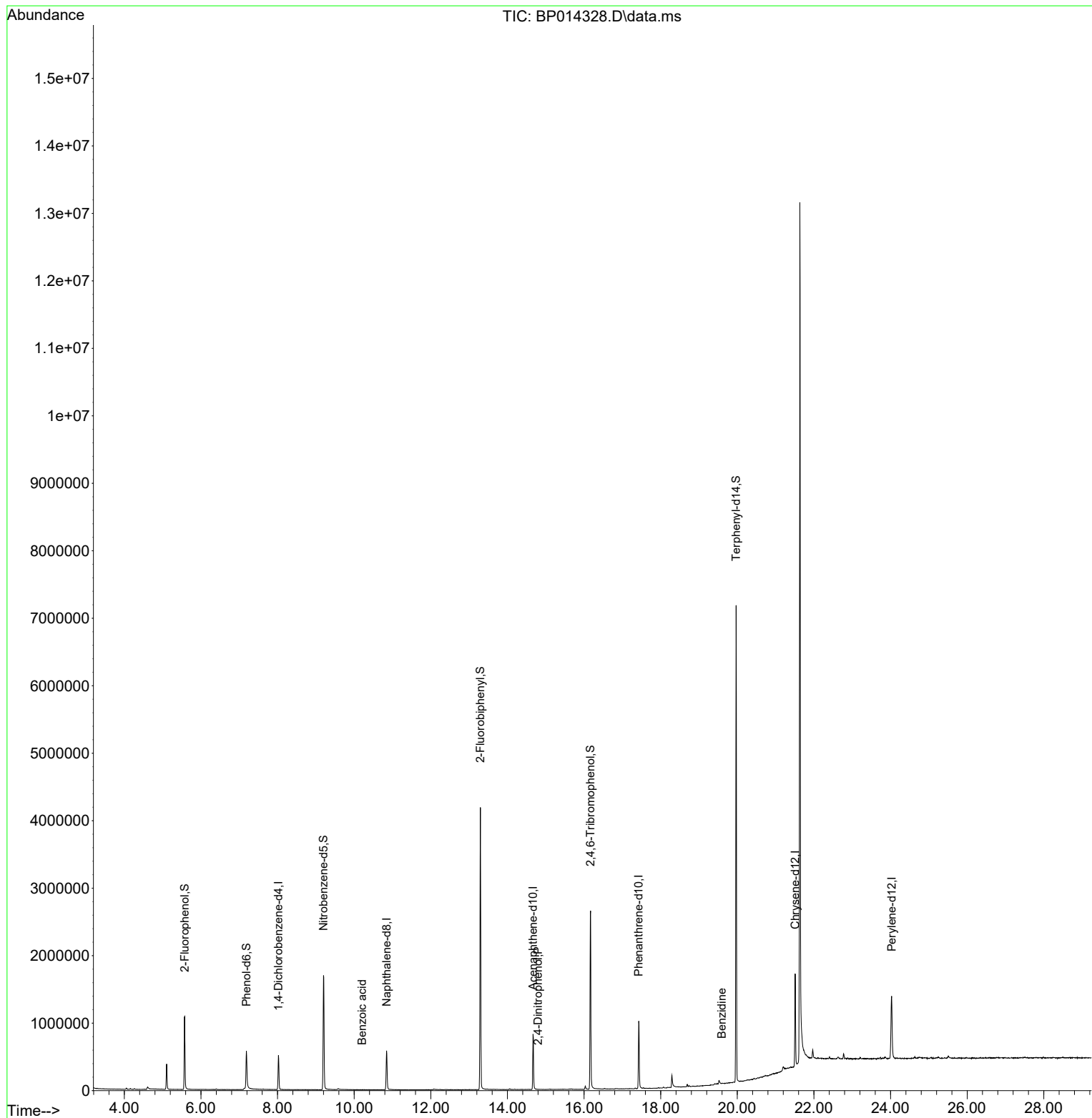
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	126814	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	469620	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	277972	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	622013	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	663368	20.000	ng	0.00
86) Perylene-d12	24.027	264	756432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	451122	57.691	ng	0.00
7) Phenol-d6	7.187	99	342589	33.369	ng	0.00
23) Nitrobenzene-d5	9.199	82	1031119	100.353	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	526734	116.873	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	2038695	95.020	ng	0.00
79) Terphenyl-d14	19.969	244	3124670	77.671	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.204	122	29	2.706	ng	# 1
54) 2,4-Dinitrophenol	14.798	184	6	3.080	ng	# 24
77) Benzidine	19.598	184	89	2.841	ng	# 1

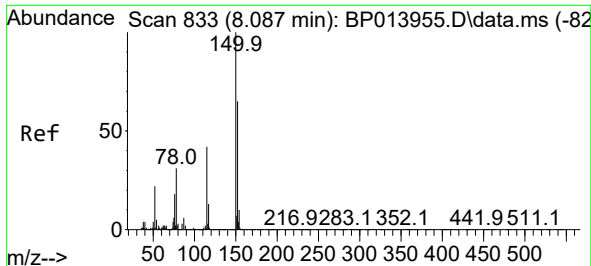
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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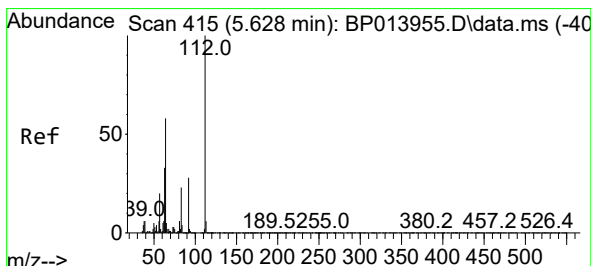
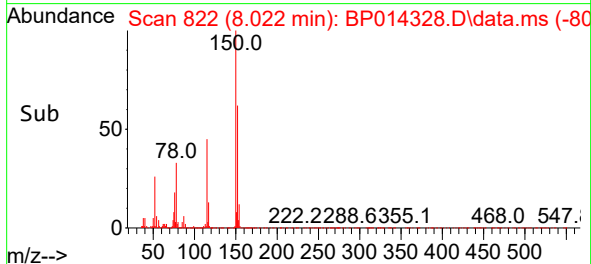
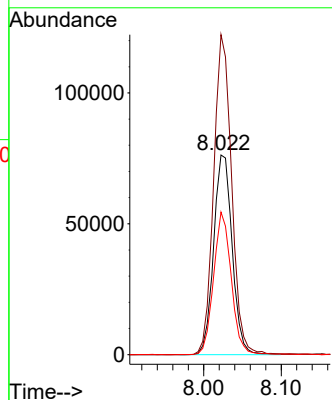
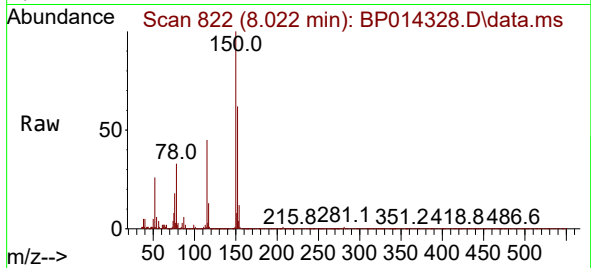




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014328.D
Acq: 28 Mar 2023 00:02

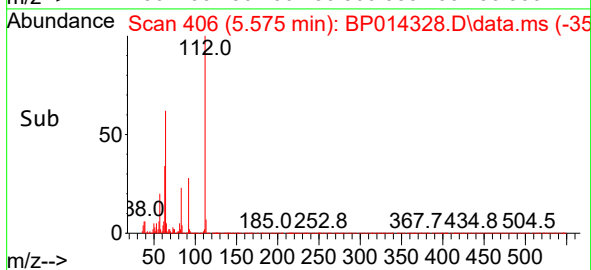
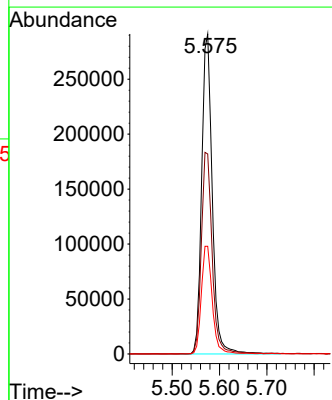
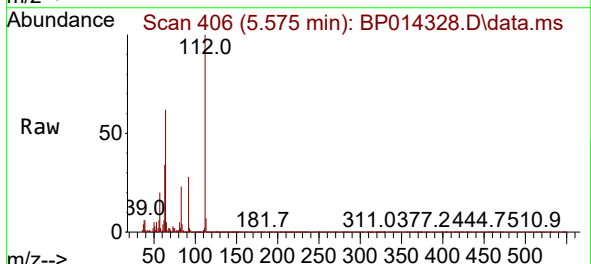
Instrument :
BNA_P
ClientSampleId :
MW-4

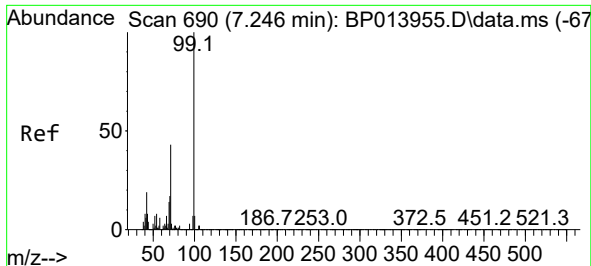
Tgt Ion:152 Resp: 126814
Ion Ratio Lower Upper
152 100
150 160.3 122.3 183.5
115 71.4 51.6 77.4



#5
2-Fluorophenol
Concen: 57.691 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014328.D
Acq: 28 Mar 2023 00:02

Tgt Ion:112 Resp: 451122
Ion Ratio Lower Upper
112 100
64 62.5 46.7 70.1
63 33.7 26.6 40.0

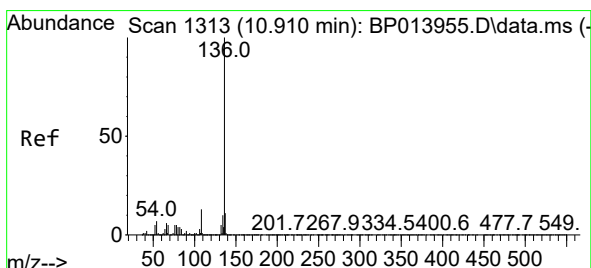
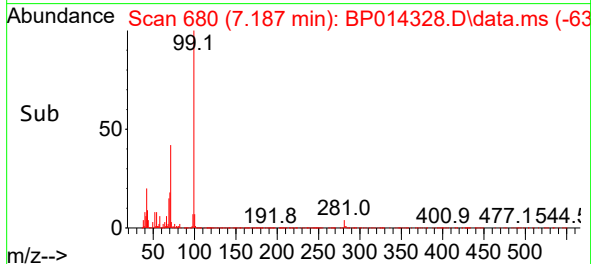
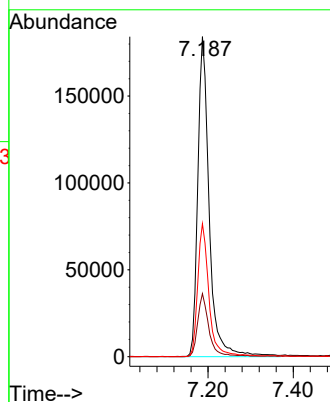
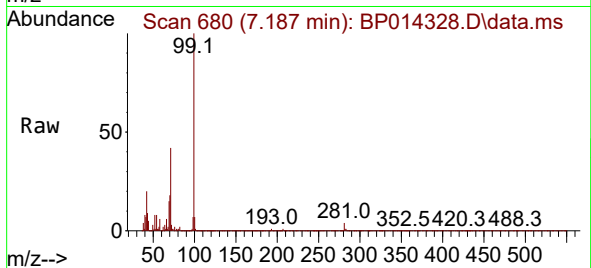




#7
Phenol-d6
Concen: 33.369 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014328.D
Acq: 28 Mar 2023 00:02

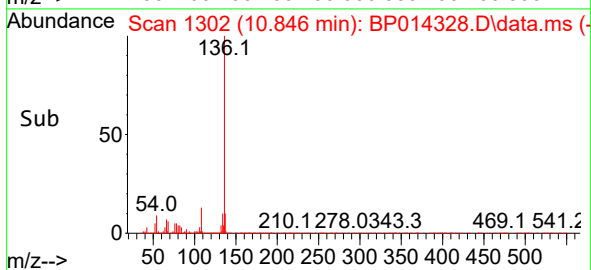
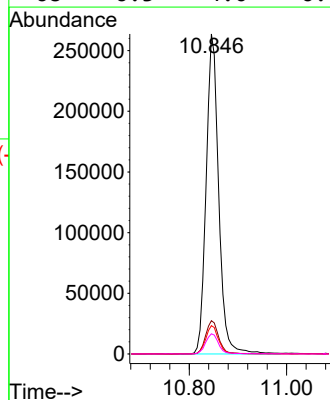
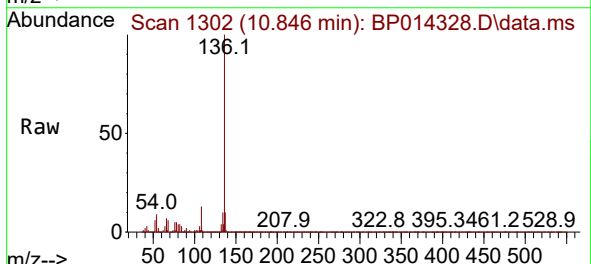
Instrument :
BNA_P
ClientSampleId :
MW-4

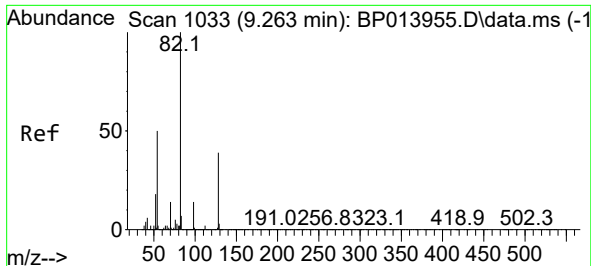
Tgt Ion: 99 Resp: 342589
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.6
71 41.5 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014328.D
Acq: 28 Mar 2023 00:02

Tgt Ion:136 Resp: 469620
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 8.9 5.8 8.8#
68 6.3 4.0 6.0#

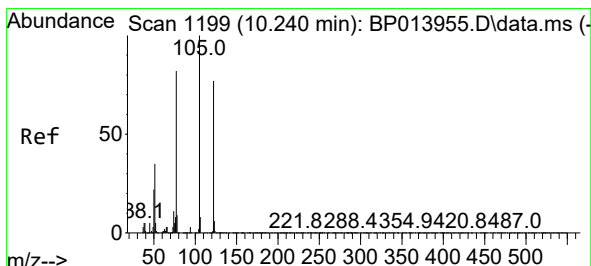
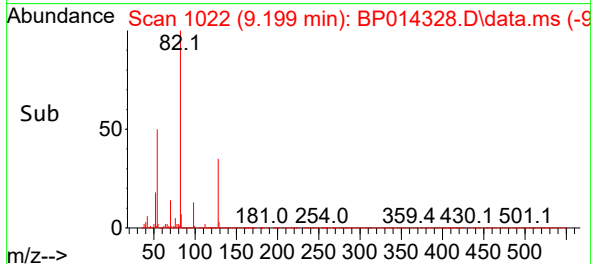
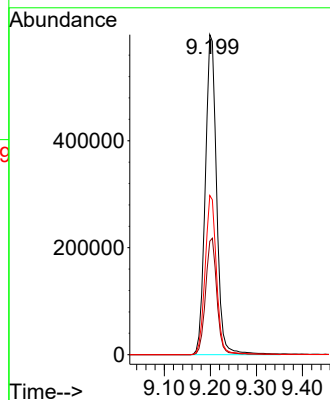
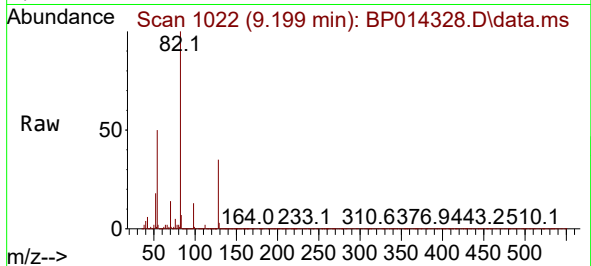




#23
Nitrobenzene-d5
Concen: 100.353 ng
RT: 9.199 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BP014328.D
Acq: 28 Mar 2023 00:02

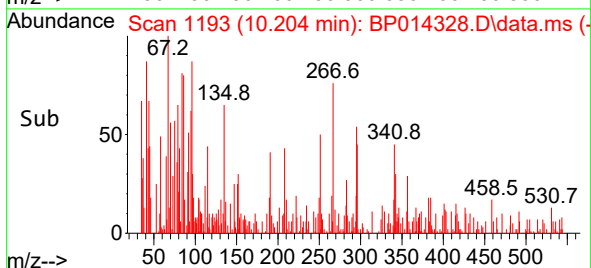
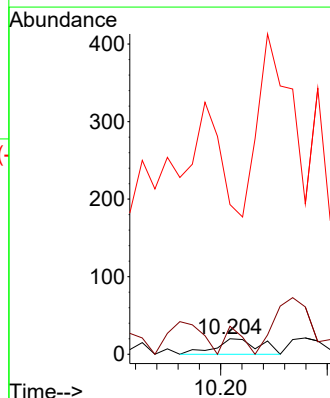
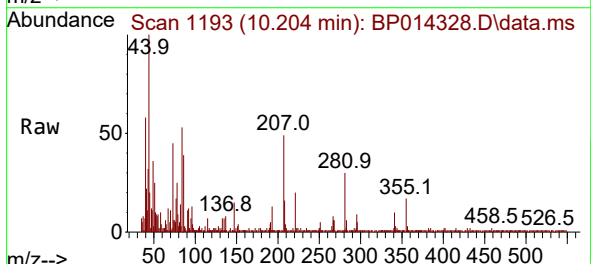
Instrument :
BNA_P
ClientSampleId :
MW-4

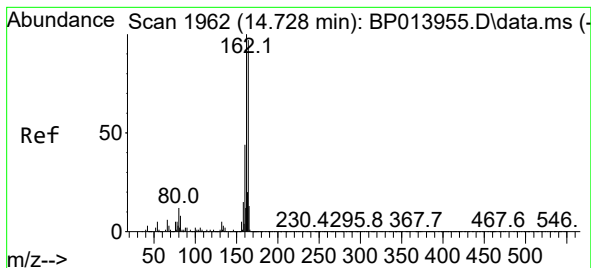
Tgt Ion: 82 Resp: 1031119
Ion Ratio Lower Upper
82 100
128 35.4 31.1 46.7
54 49.8 40.0 60.0



#32
Benzoic acid
Concen: 2.706 ng
RT: 10.204 min Scan# 1193
Delta R.T. 0.023 min
Lab File: BP014328.D
Acq: 28 Mar 2023 00:02

Tgt Ion: 122 Resp: 29
Ion Ratio Lower Upper
122 100
105 180.0 108.2 148.2#
77 965.0 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.669 min Scan# 1962

Delta R.T. -0.006 min

Lab File: BP014328.D

Acq: 28 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

MW-4

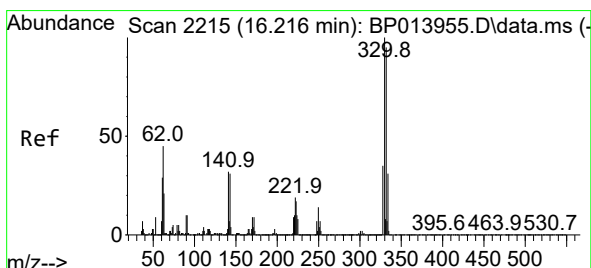
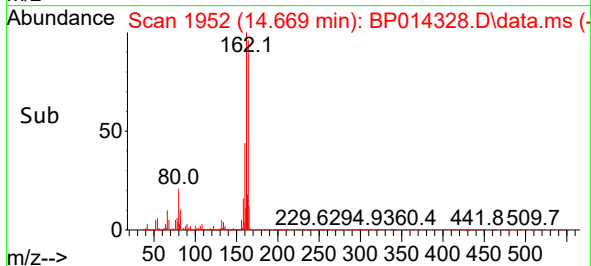
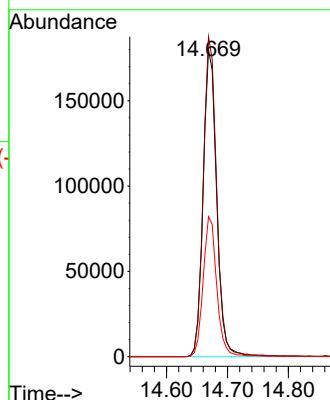
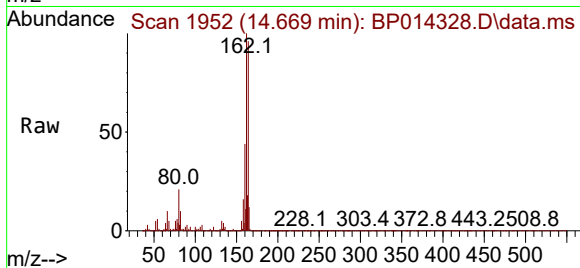
Tgt Ion:164 Resp: 277972

Ion Ratio Lower Upper

164 100

162 104.3 82.1 123.1

160 45.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 116.873 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014328.D

Acq: 28 Mar 2023 00:02

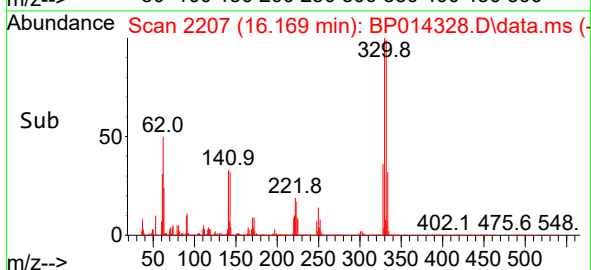
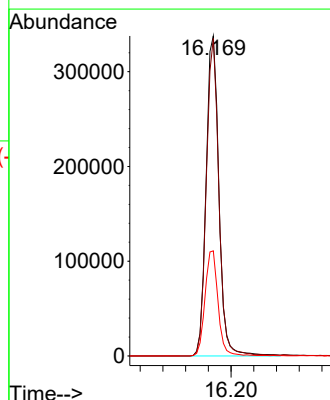
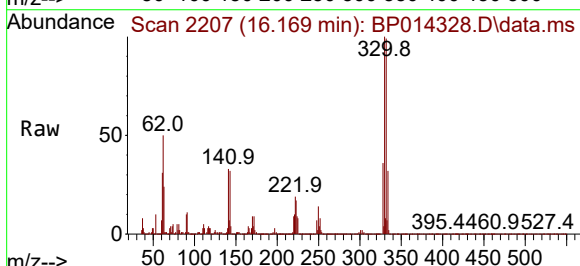
Tgt Ion:330 Resp: 526734

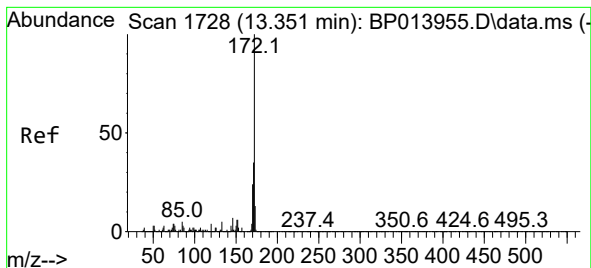
Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 33.8 25.6 38.4





#45

2-Fluorobiphenyl

Concen: 95.020 ng

RT: 13.292 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP014328.D

Acq: 28 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

MW-4

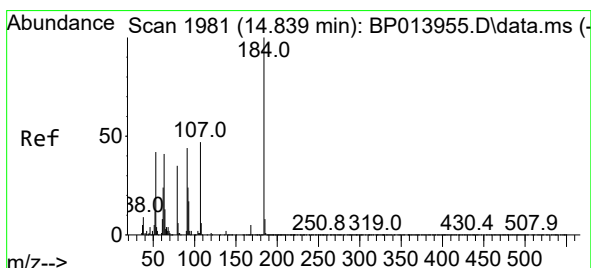
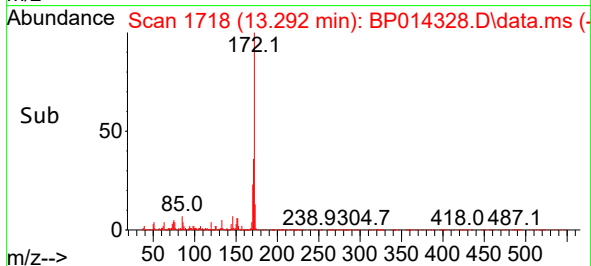
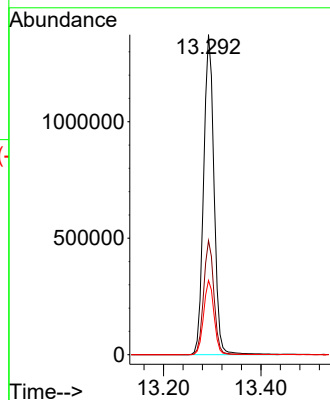
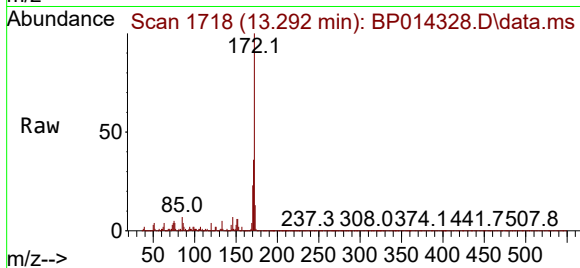
Tgt Ion:172 Resp: 2038695

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.2 19.0 28.4



#54

2,4-Dinitrophenol

Concen: 3.080 ng

RT: 14.798 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BP014328.D

Acq: 28 Mar 2023 00:02

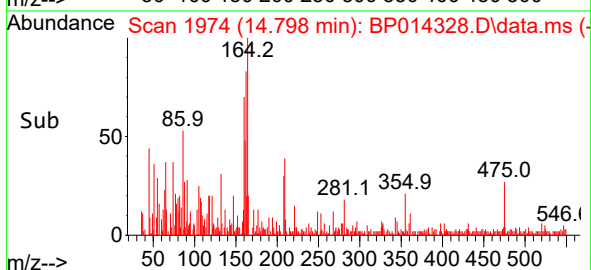
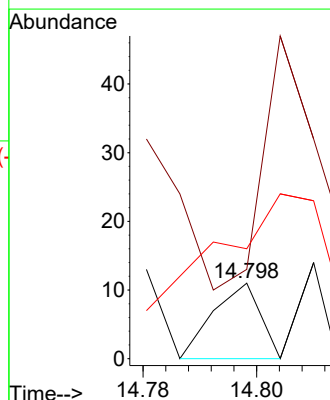
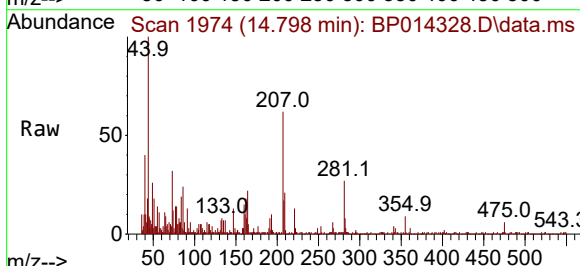
Tgt Ion:184 Resp: 6

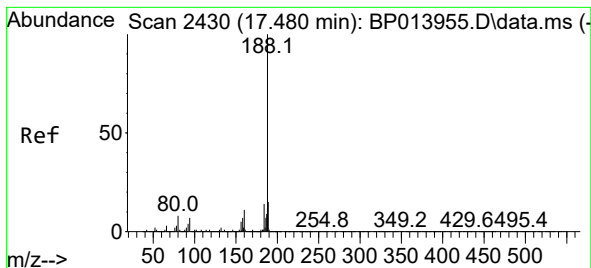
Ion Ratio Lower Upper

184 100

63 118.2 52.4 78.6#

154 145.5 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: BP014328.D

Acq: 28 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

MW-4

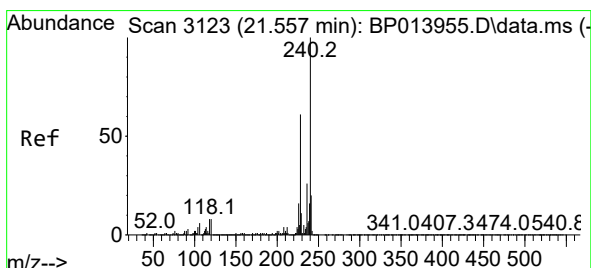
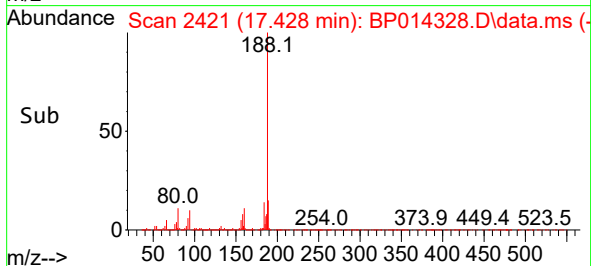
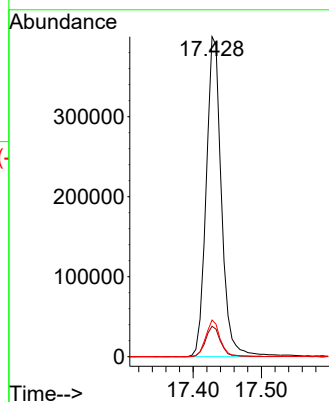
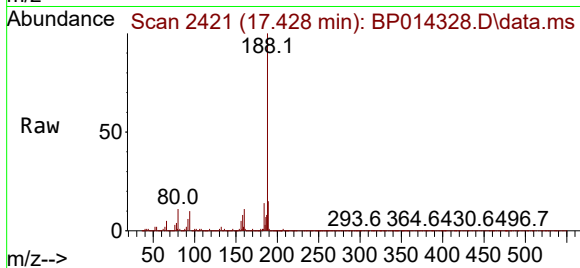
Tgt Ion:188 Resp: 622013

Ion Ratio Lower Upper

188 100

94 9.5 5.8 8.6#

80 11.5 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: BP014328.D

Acq: 28 Mar 2023 00:02

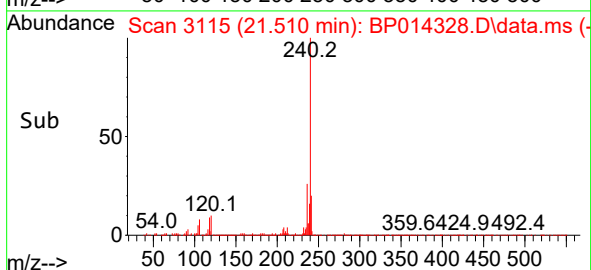
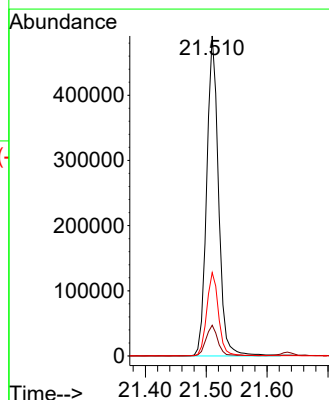
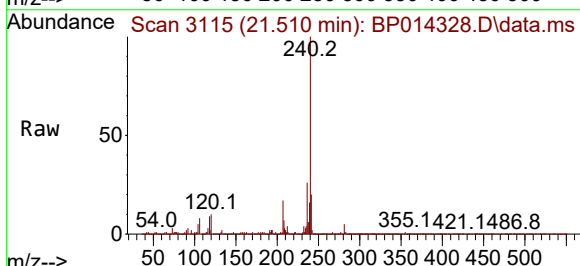
Tgt Ion:240 Resp: 663368

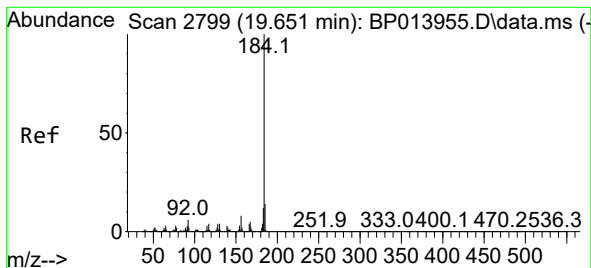
Ion Ratio Lower Upper

240 100

120 9.6 6.4 9.6

236 26.0 21.2 31.8





#77

Benzidine

Concen: 2.841 ng

RT: 19.598 min Scan# 21

Delta R.T. -0.024 min

Lab File: BP014328.D

Acq: 28 Mar 2023 00:02

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MW-4

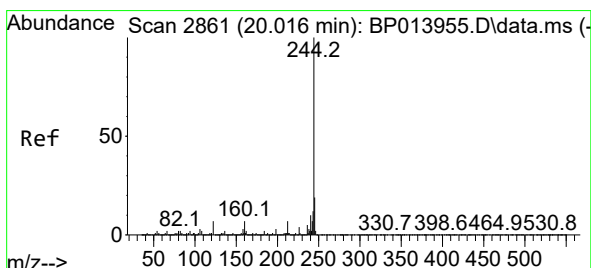
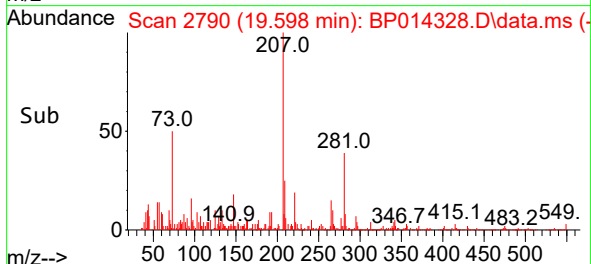
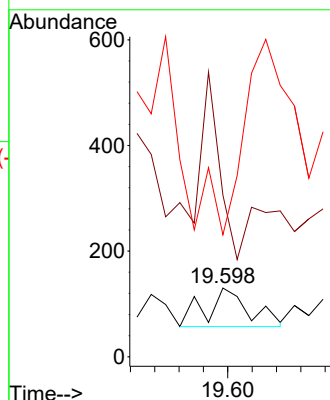
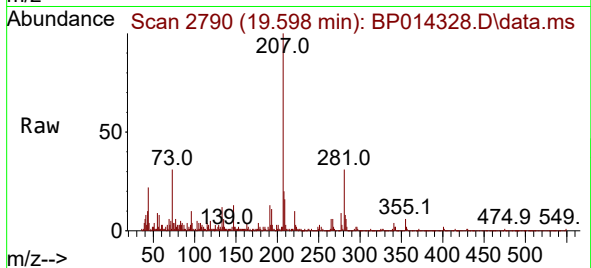
Tgt Ion:184 Resp: 89

Ion Ratio Lower Upper

184 100

185 235.4 11.6 17.4#

183 177.7 9.7 14.5#



#79

Terphenyl-d14

Concen: 77.671 ng

RT: 19.969 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP014328.D

Acq: 28 Mar 2023 00:02

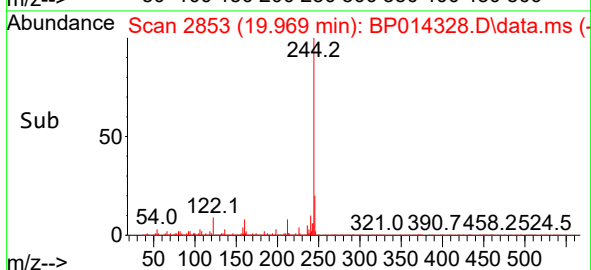
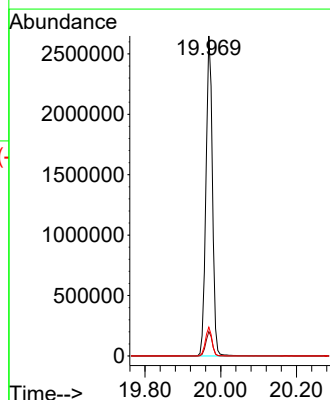
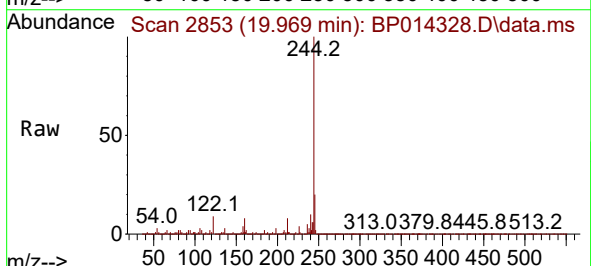
Tgt Ion:244 Resp: 3124670

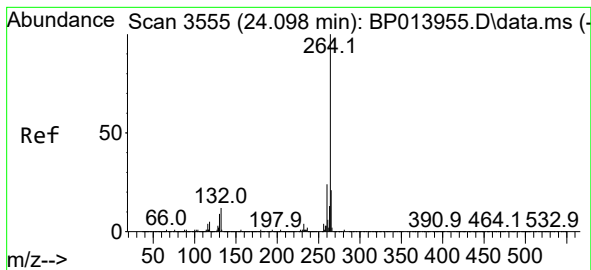
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 9.0 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: BP014328.D

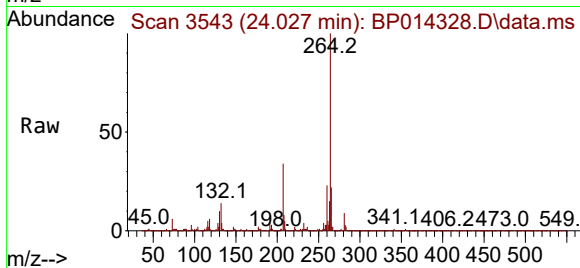
Acq: 28 Mar 2023 00:02

Instrument :

BNA_P

ClientSampleId :

MW-4



Tgt Ion:264 Resp: 756432

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 22.4 17.8 26.8

