

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014323.D
 Acq On : 27 Mar 2023 21:13
 Operator : CG/JU
 Sample : 02039-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1

Quant Time: Mar 28 02:12:32 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)

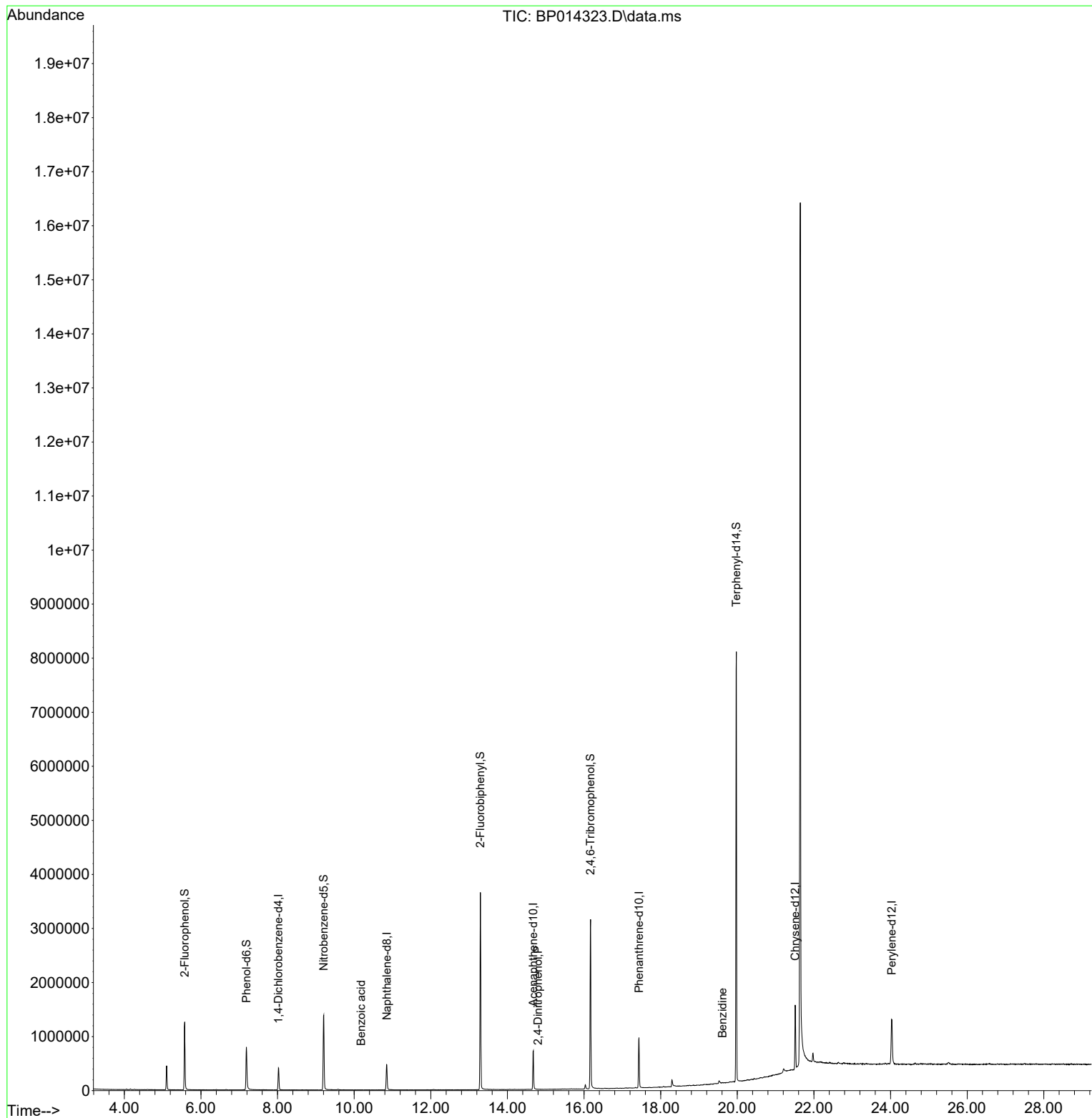
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	104791	20.000	ng	0.00
21) Naphthalene-d8	10.851	136	398095	20.000	ng	# 0.00
39) Acenaphthene-d10	14.675	164	244221	20.000	ng	0.00
64) Phenanthrene-d10	17.433	188	565267	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	601326	20.000	ng	0.00
86) Perylene-d12	24.033	264	693693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	511787	79.204	ng	0.00
7) Phenol-d6	7.187	99	493156	58.130	ng	0.00
23) Nitrobenzene-d5	9.204	82	836839	96.078	ng	0.00
42) 2,4,6-Tribromophenol	16.169	330	599622	151.432	ng	0.00
45) 2-Fluorobiphenyl	13.292	172	1827350	96.940	ng	0.00
79) Terphenyl-d14	19.974	244	3698765	101.427	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.181	122	27	2.706	ng	# 1
54) 2,4-Dinitrophenol	14.798	184	4	3.080	ng	# 1
77) Benzidine	19.616	184	506	2.869	ng	# 1

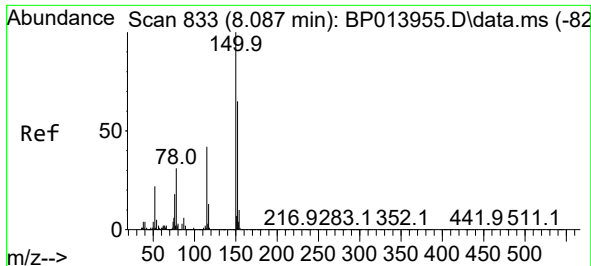
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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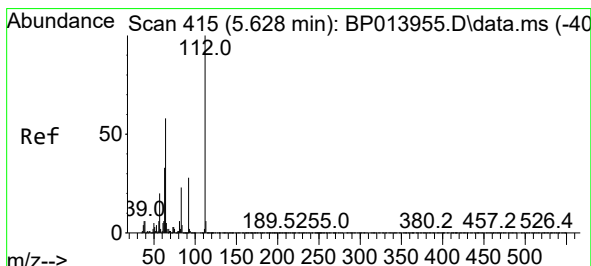
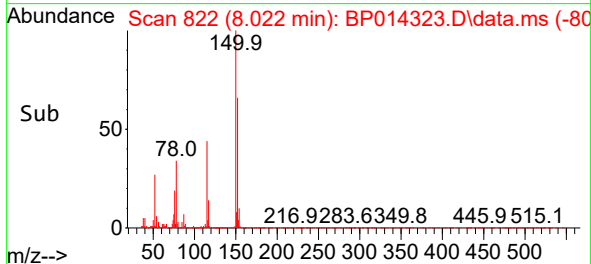
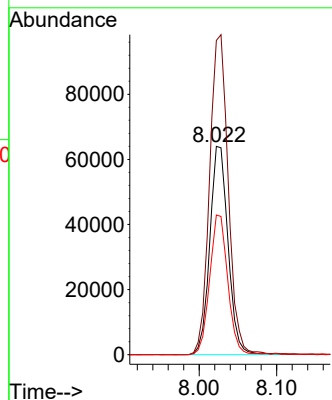
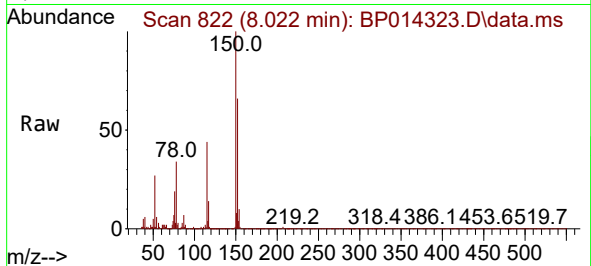




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

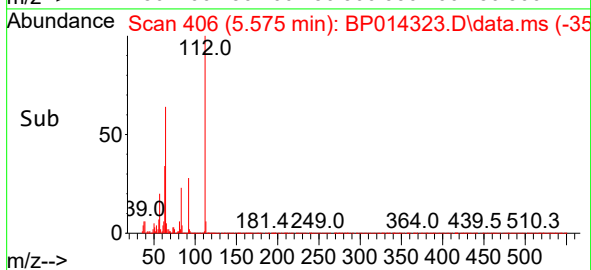
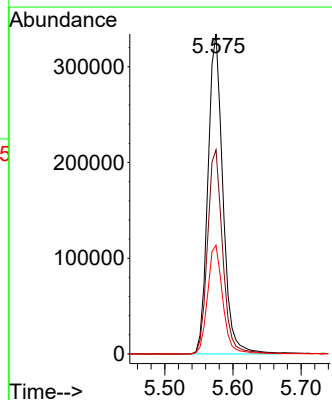
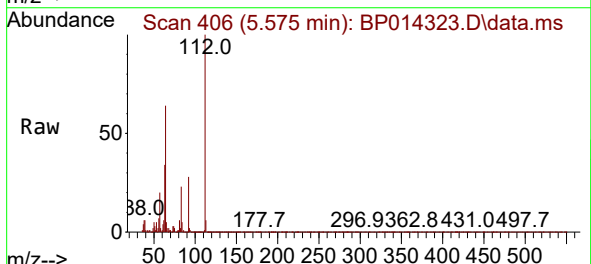
Instrument :
BNA_P
ClientSampleId :
MW-1

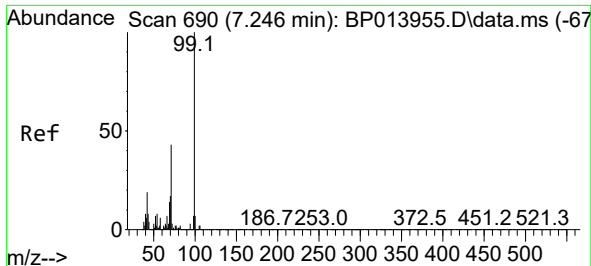
Tgt Ion:152 Resp: 104791
Ion Ratio Lower Upper
152 100
150 150.9 122.3 183.5
115 67.1 51.6 77.4



#5
2-Fluorophenol
Concen: 79.204 ng
RT: 5.575 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

Tgt Ion:112 Resp: 511787
Ion Ratio Lower Upper
112 100
64 63.8 46.7 70.1
63 33.9 26.6 40.0

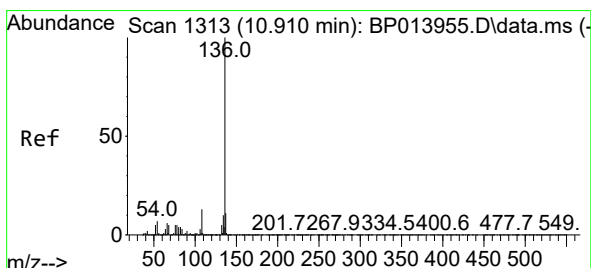
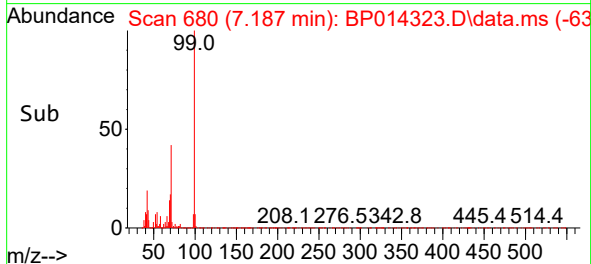
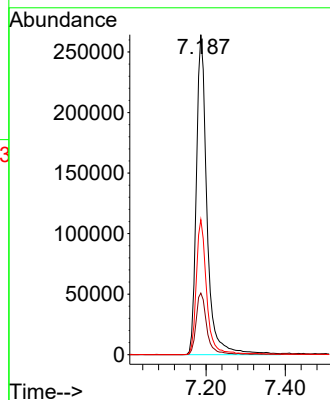
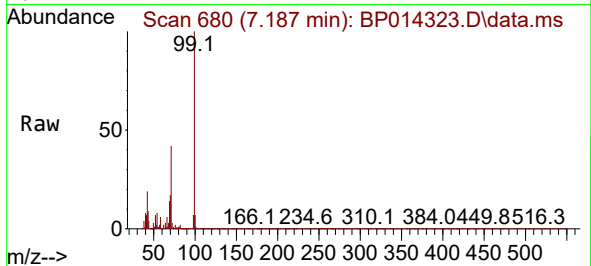




#7
Phenol-d6
Concen: 58.130 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

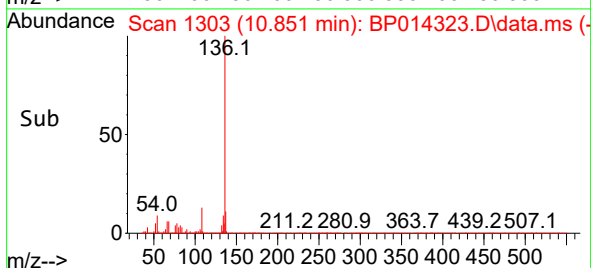
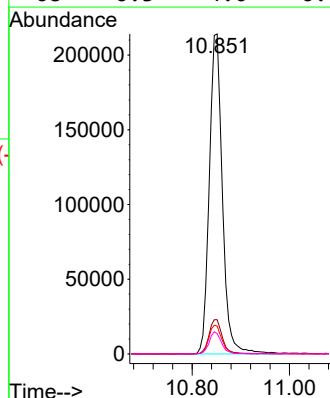
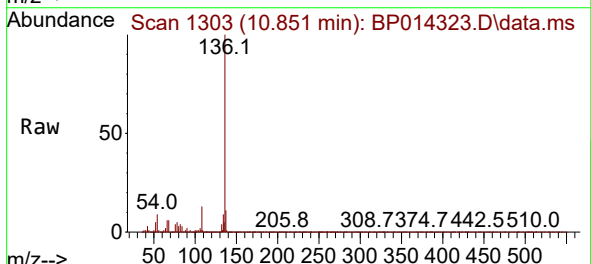
Instrument :
BNA_P
ClientSampleId :
MW-1

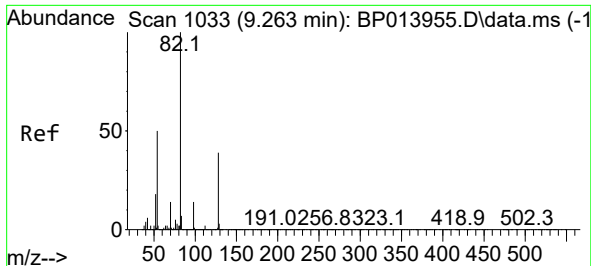
Tgt Ion: 99 Resp: 493156
Ion Ratio Lower Upper
99 100
42 19.3 15.0 22.6
71 42.2 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.851 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

Tgt Ion: 136 Resp: 398095
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.7 5.8 8.8
68 6.3 4.0 6.0#

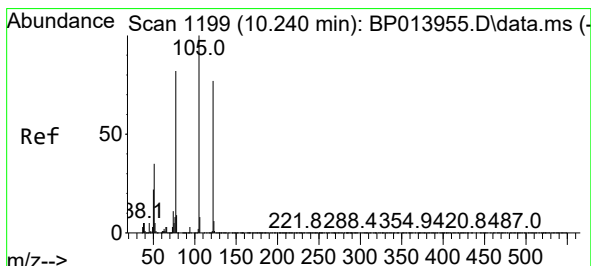
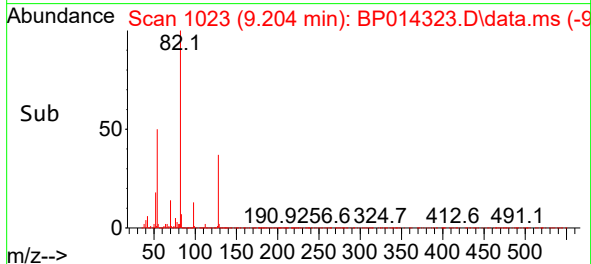
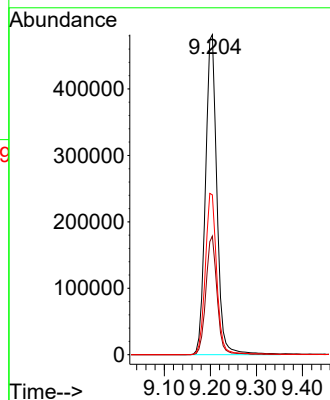
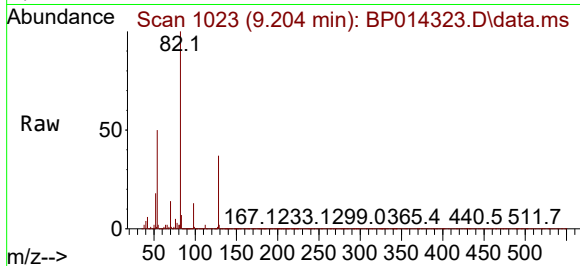




#23
Nitrobenzene-d5
Concen: 96.078 ng
RT: 9.204 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

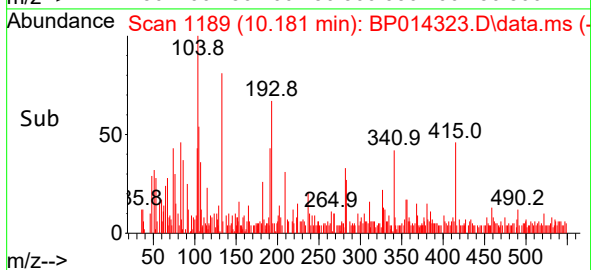
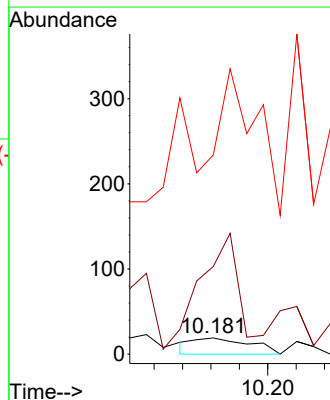
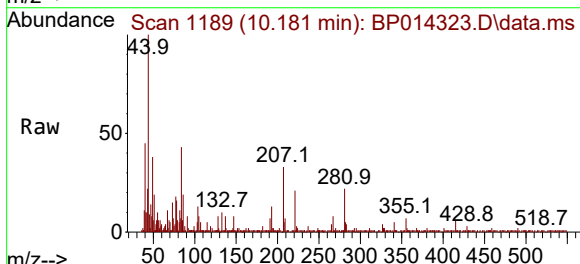
Instrument :
BNA_P
ClientSampleId :
MW-1

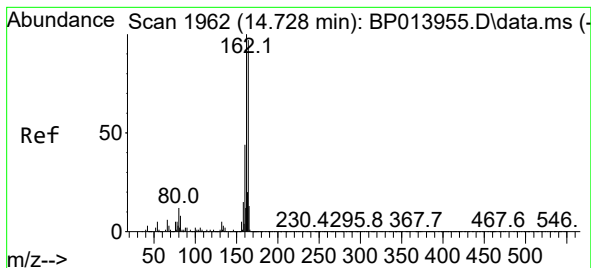
Tgt Ion: 82 Resp: 836839
Ion Ratio Lower Upper
82 100
128 37.1 31.1 46.7
54 50.0 40.0 60.0



#32
Benzoic acid
Concen: 2.706 ng
RT: 10.181 min Scan# 1189
Delta R.T. -0.000 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

Tgt Ion: 122 Resp: 27
Ion Ratio Lower Upper
122 100
105 542.1 108.2 148.2#
77 1231.6 85.2 125.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.675 min Scan# 1962

Delta R.T. -0.000 min

Lab File: BP014323.D

Acq: 27 Mar 2023 21:13

Instrument :

BNA_P

ClientSampleId :

MW-1

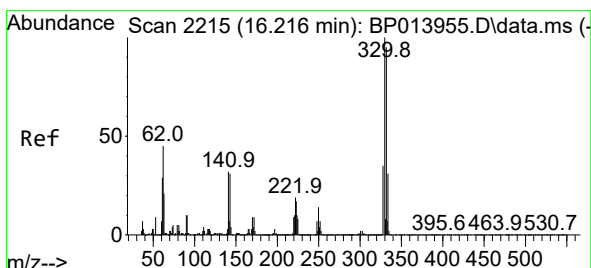
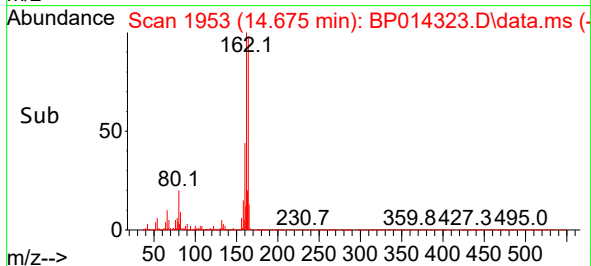
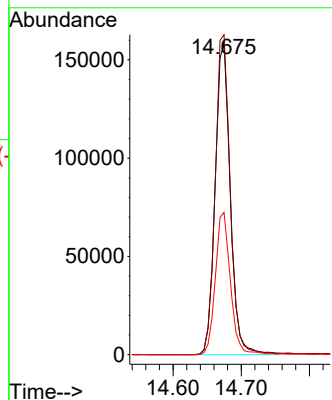
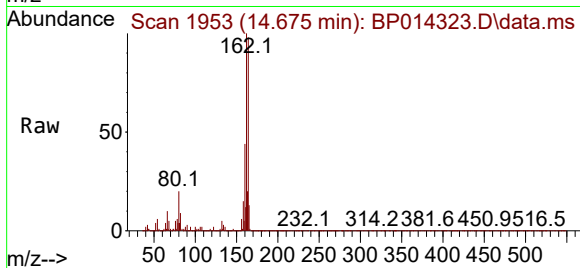
Tgt Ion:164 Resp: 244221

Ion Ratio Lower Upper

164 100

162 102.5 82.1 123.1

160 45.5 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 151.432 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014323.D

Acq: 27 Mar 2023 21:13

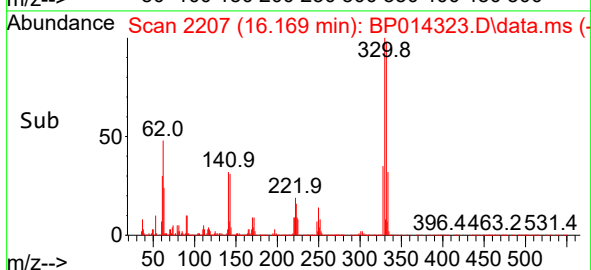
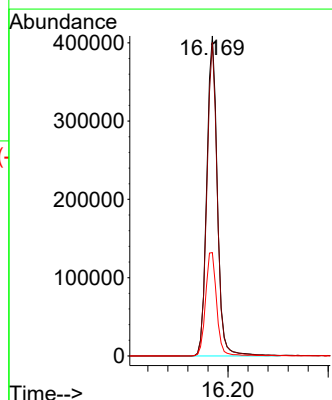
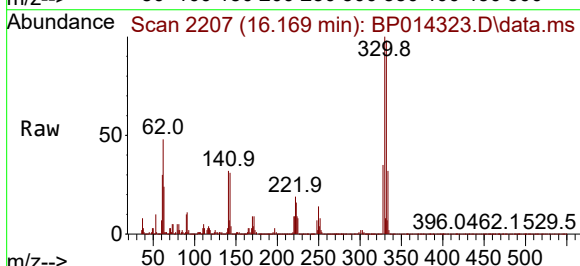
Tgt Ion:330 Resp: 599622

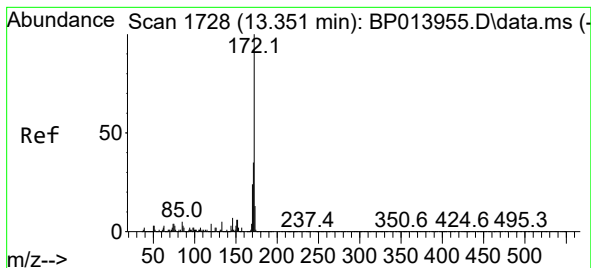
Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 34.0 25.6 38.4

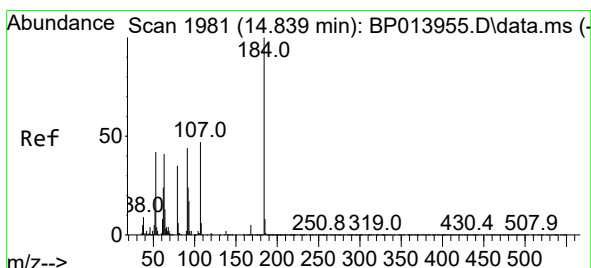
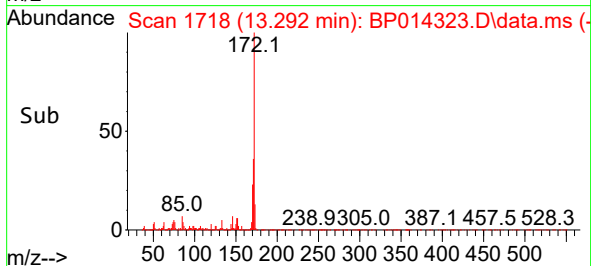
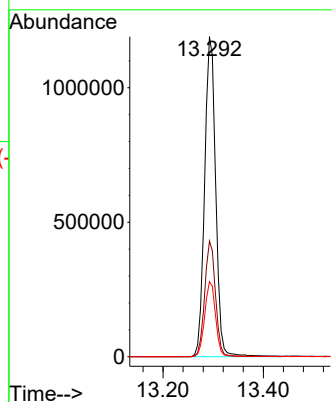
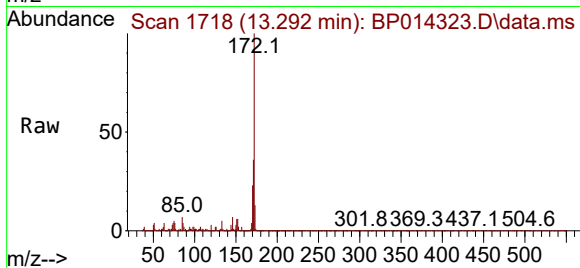




#45
2-Fluorobiphenyl
Concen: 96.940 ng
RT: 13.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

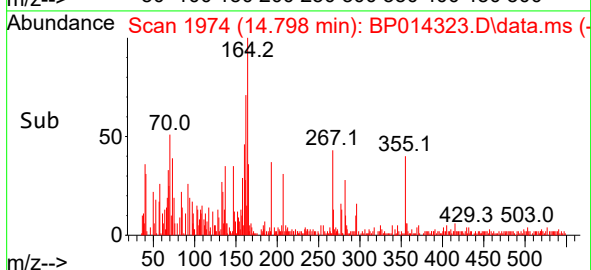
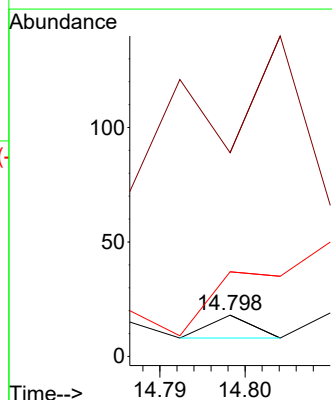
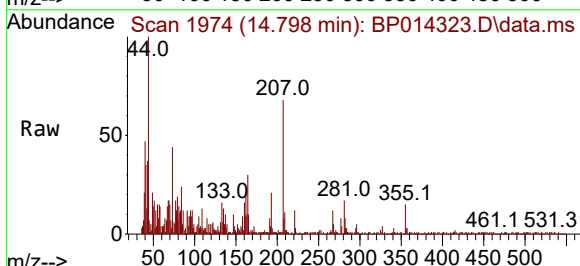
Instrument :
BNA_P
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MW-1

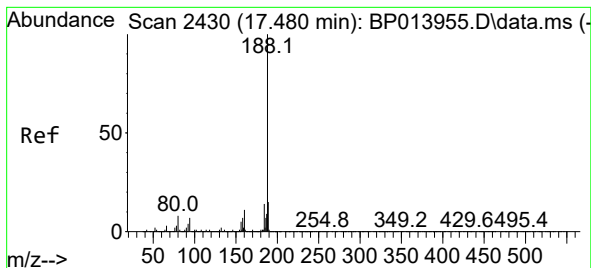
Tgt Ion:172 Resp: 1827350
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.5 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 3.080 ng
RT: 14.798 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 494.4 52.4 78.6#
154 205.6 59.4 89.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.433 min Scan# 24

Delta R.T. -0.000 min

Lab File: BP014323.D

Acq: 27 Mar 2023 21:13

Instrument :

BNA_P

ClientSampleId :

MW-1

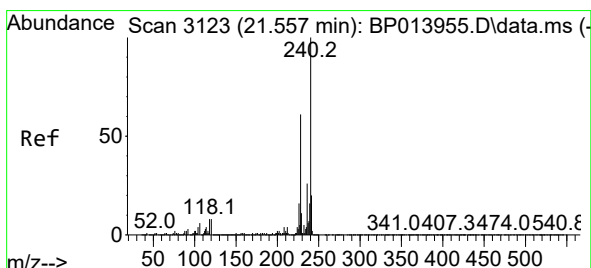
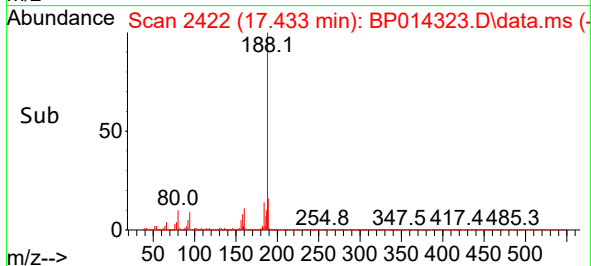
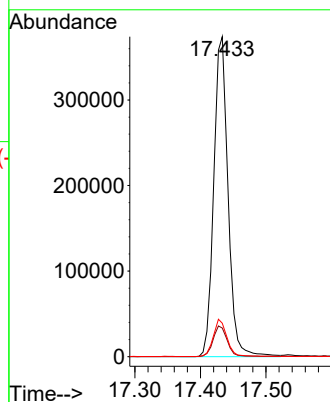
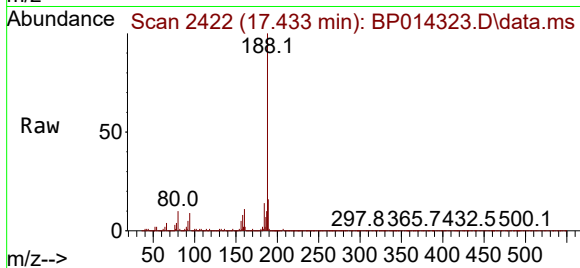
Tgt Ion:188 Resp: 565267

Ion Ratio Lower Upper

188 100

94 9.0 5.8 8.6#

80 10.4 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: BP014323.D

Acq: 27 Mar 2023 21:13

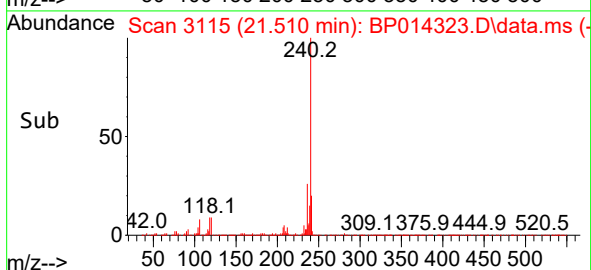
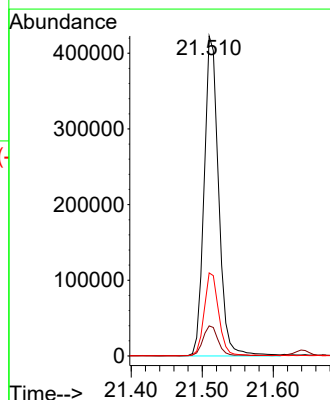
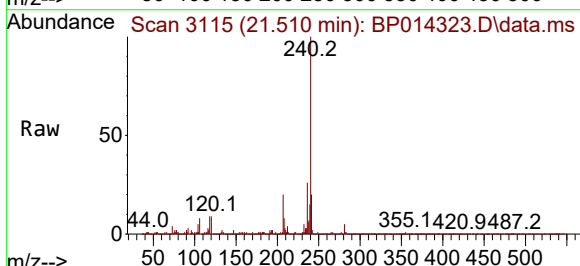
Tgt Ion:240 Resp: 601326

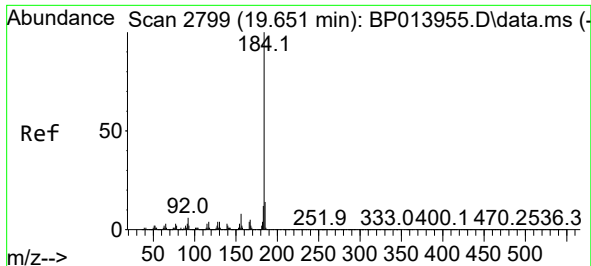
Ion Ratio Lower Upper

240 100

120 9.4 6.4 9.6

236 25.9 21.2 31.8

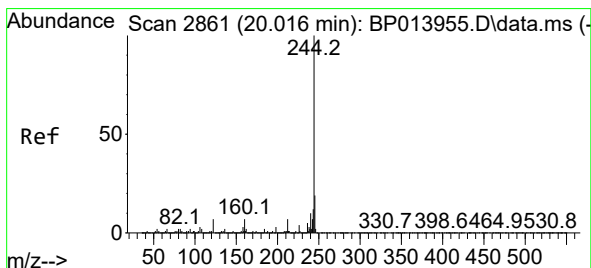
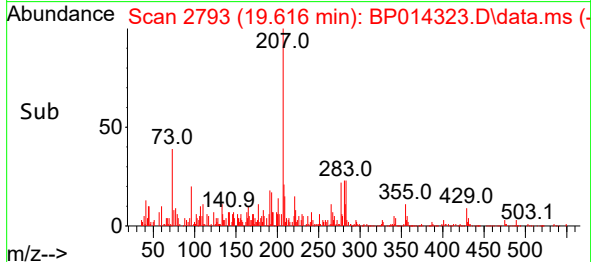
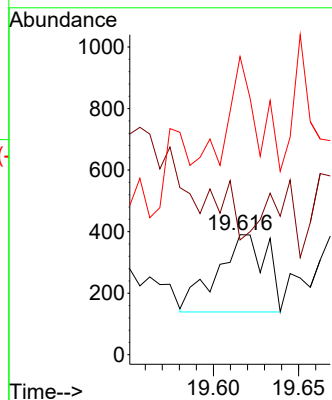
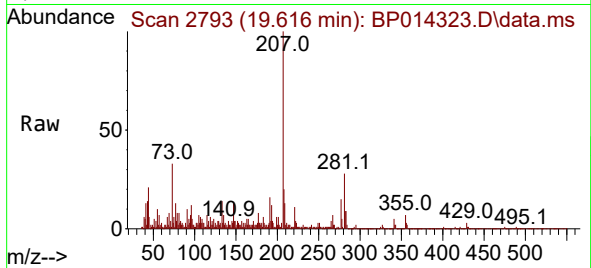




#77
Benzidine
Concen: 2.869 ng
RT: 19.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

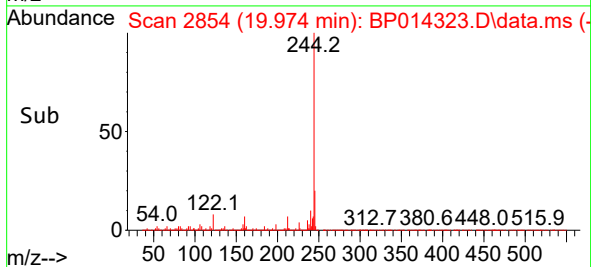
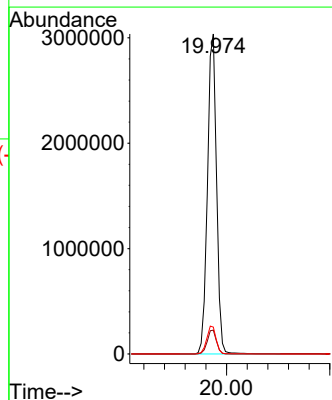
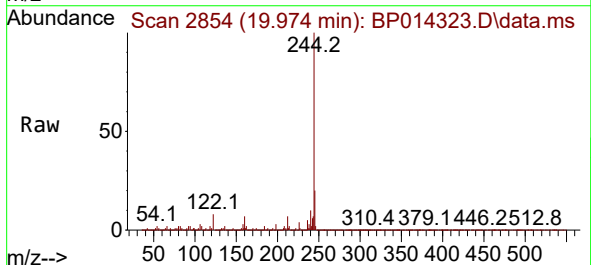
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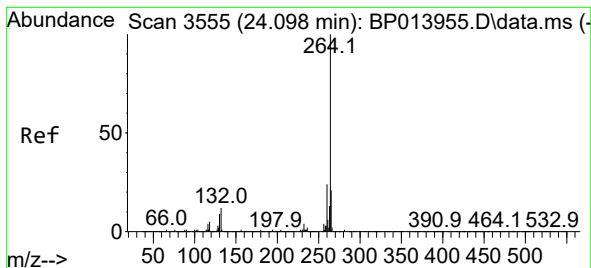
Tgt Ion:184 Resp: 506
Ion Ratio Lower Upper
184 100
185 95.6 11.6 17.4#
183 248.5 9.7 14.5#



#79
Terphenyl-d14
Concen: 101.427 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.000 min
Lab File: BP014323.D
Acq: 27 Mar 2023 21:13

Tgt Ion:244 Resp: 3698765
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 8.4 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: BP014323.D

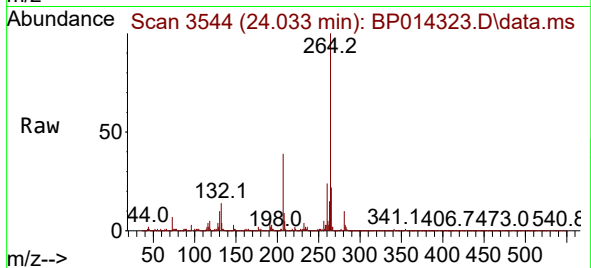
Acq: 27 Mar 2023 21:13

Instrument :

BNA_P

ClientSampleId :

MW-1



Tgt Ion:264 Resp: 693693

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 22.0 17.8 26.8

