

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
 Data File : BP014333.D
 Acq On : 28 Mar 2023 02:50
 Operator : CG/JU
 Sample : 02083-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3990

Quant Time: Mar 28 03:19:48 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)

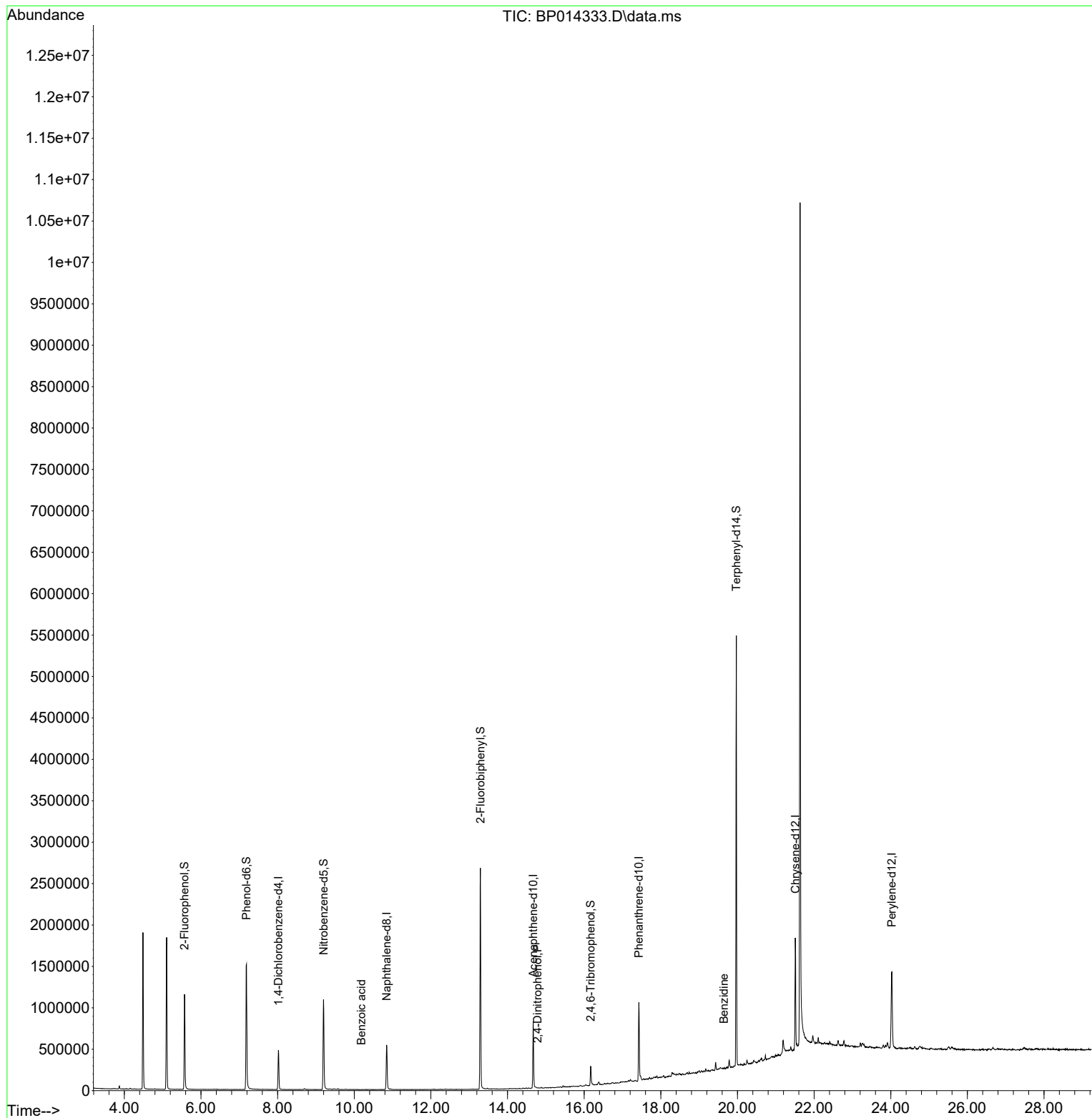
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	118475	20.000	ng	0.00
21) Naphthalene-d8	10.846	136	440436	20.000	ng	# 0.00
39) Acenaphthene-d10	14.669	164	265007	20.000	ng	0.00
64) Phenanthrene-d10	17.428	188	579338	20.000	ng	# 0.00
76) Chrysene-d12	21.510	240	627606	20.000	ng	0.00
86) Perylene-d12	24.027	264	757593	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.570	112	465808	63.762	ng	0.00
7) Phenol-d6	7.187	99	889846	92.775	ng	0.00
23) Nitrobenzene-d5	9.199	82	646062	67.044	ng	-0.01
42) 2,4,6-Tribromophenol	16.169	330	49998	11.636	ng	0.00
45) 2-Fluorobiphenyl	13.293	172	1323883	64.723	ng	0.00
79) Terphenyl-d14	19.969	244	2274732	59.765	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.187	122	33	2.707	ng	# 1
54) 2,4-Dinitrophenol	14.781	184	17	3.083	ng	# 1
77) Benzidine	19.645	184	321	2.856	ng	# 1

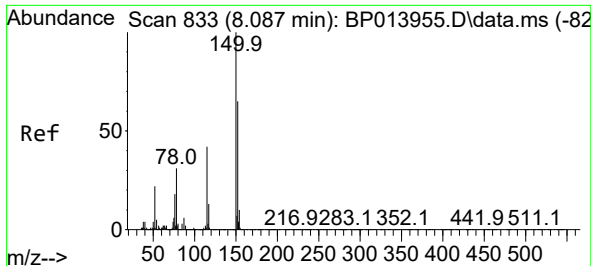
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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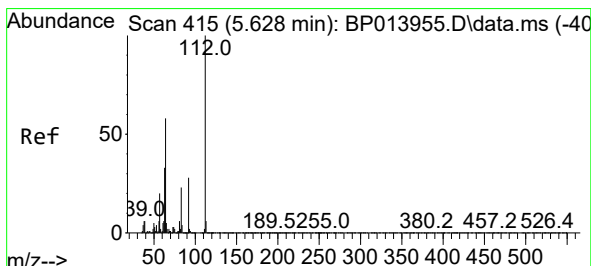
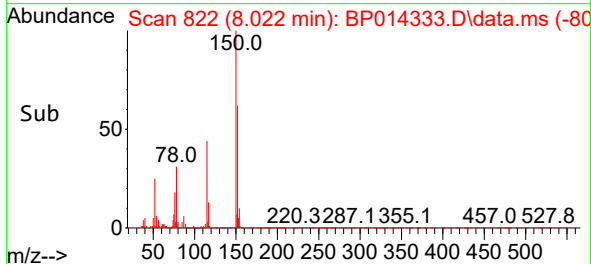
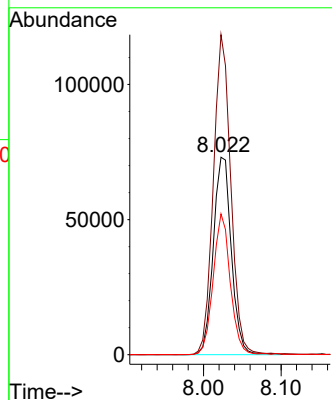
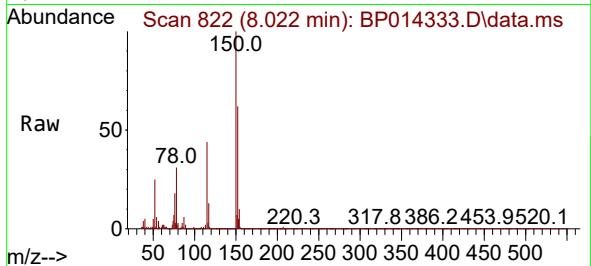




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

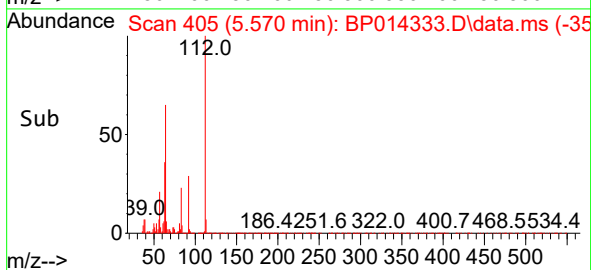
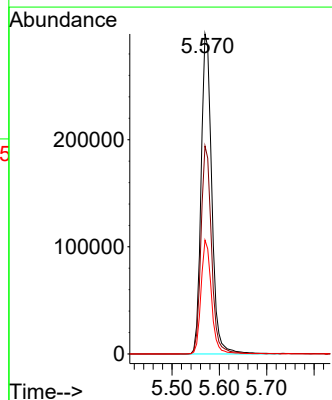
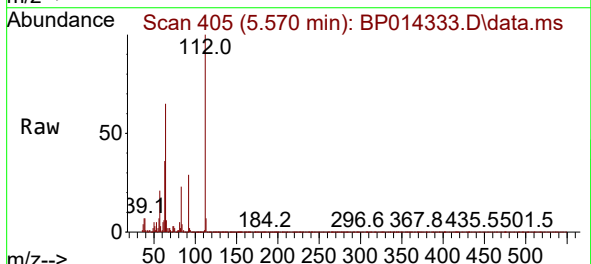
Instrument :
BNA_P
ClientSampleId :
RT-3990

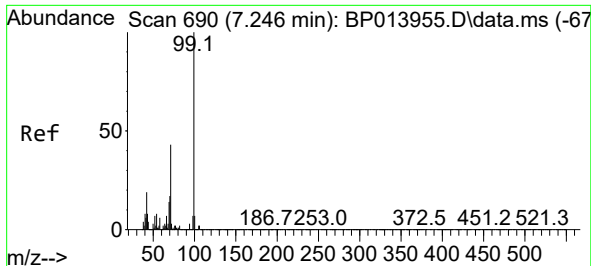
Tgt Ion:152 Resp: 118475
Ion Ratio Lower Upper
152 100
150 162.1 122.3 183.5
115 71.3 51.6 77.4



#5
2-Fluorophenol
Concen: 63.762 ng
RT: 5.570 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion:112 Resp: 465808
Ion Ratio Lower Upper
112 100
64 65.0 46.7 70.1
63 35.5 26.6 40.0

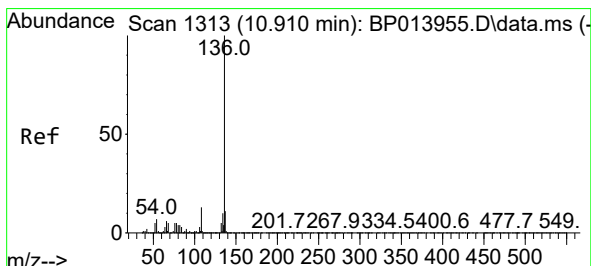
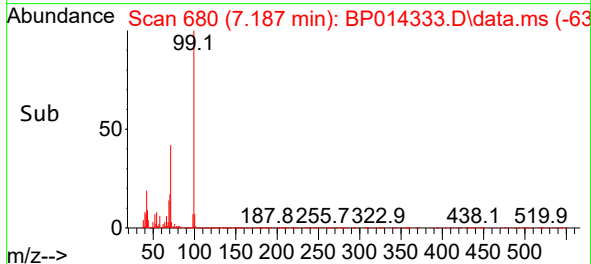
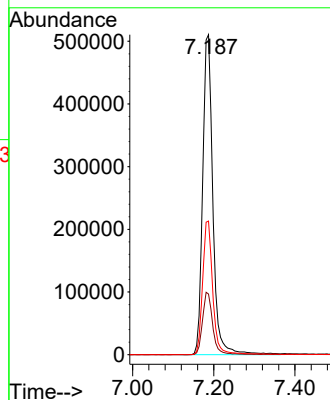
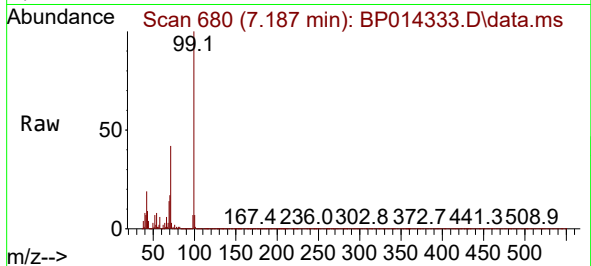




#7
Phenol-d6
Concen: 92.775 ng
RT: 7.187 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

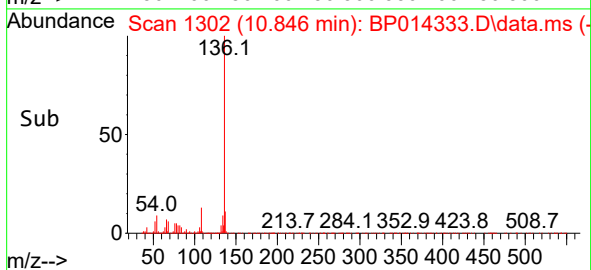
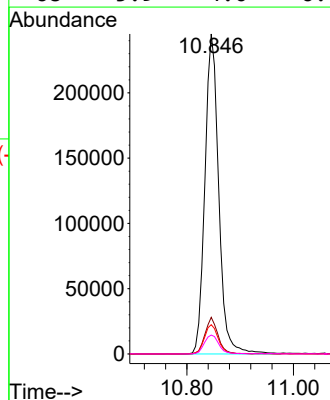
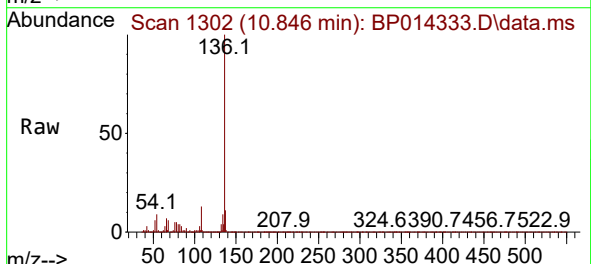
Instrument :
BNA_P
ClientSampleId :
RT-3990

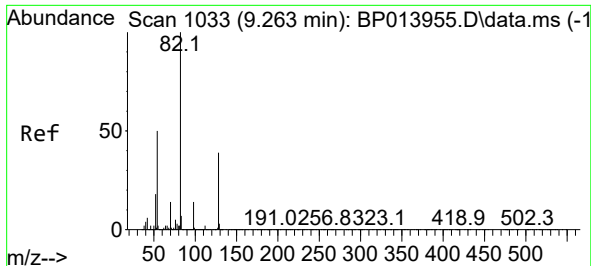
Tgt Ion: 99 Resp: 889846
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.6
71 41.7 34.3 51.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion: 136 Resp: 440436
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 9.2 5.8 8.8#
68 5.9 4.0 6.0

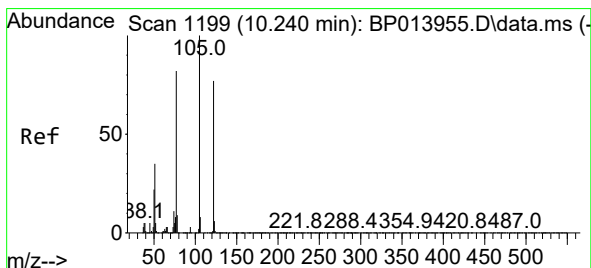
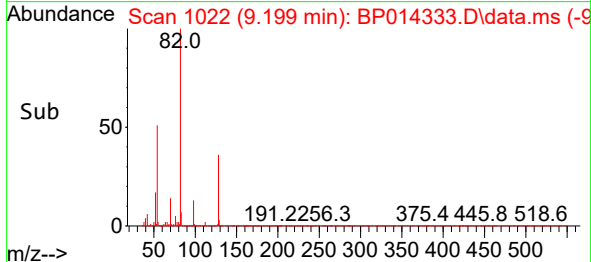
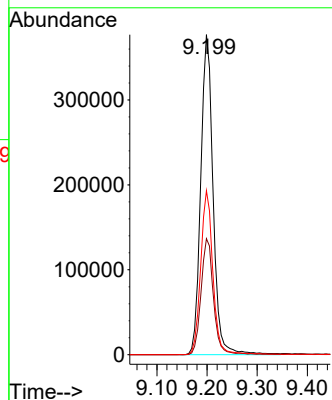
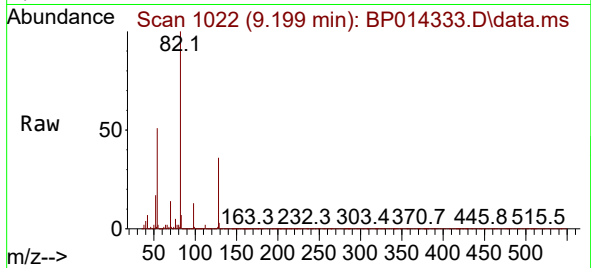




#23
Nitrobenzene-d5
Concen: 67.044 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

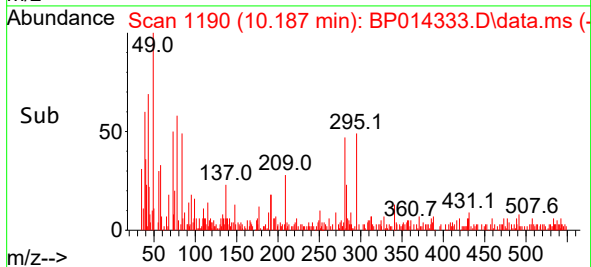
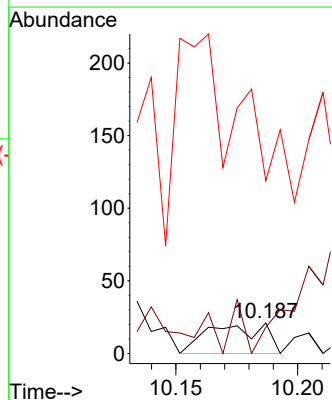
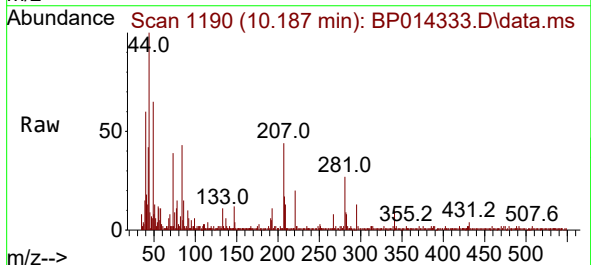
Instrument :
BNA_P
ClientSampleId :
RT-3990

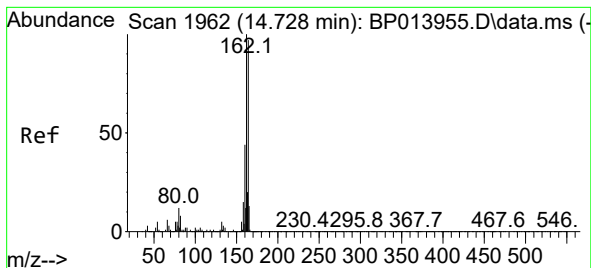
Tgt Ion: 82 Resp: 646062
Ion Ratio Lower Upper
82 100
128 36.2 31.1 46.7
54 51.3 40.0 60.0



#32
Benzoic acid
Concen: 2.707 ng
RT: 10.187 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion: 122 Resp: 33
Ion Ratio Lower Upper
122 100
105 85.7 108.2 148.2#
77 566.7 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: BP014333.D

Acq: 28 Mar 2023 02:50

Instrument :

BNA_P

ClientSampleId :

RT-3990

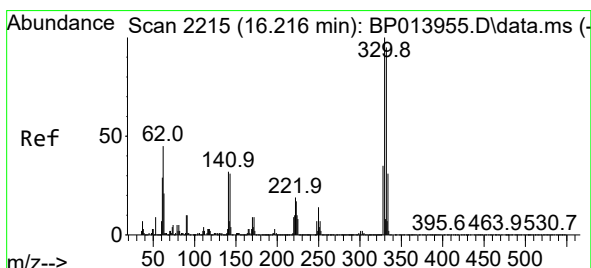
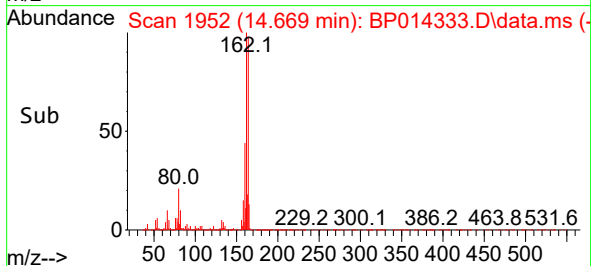
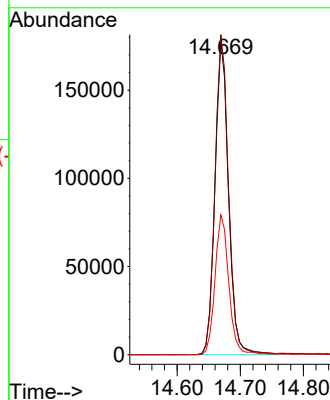
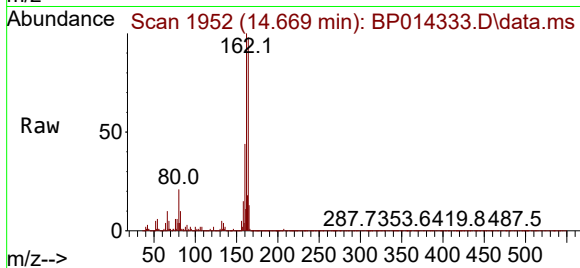
Tgt Ion:164 Resp: 265007

Ion Ratio Lower Upper

164 100

162 102.1 82.1 123.1

160 44.6 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 11.636 ng

RT: 16.169 min Scan# 2207

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

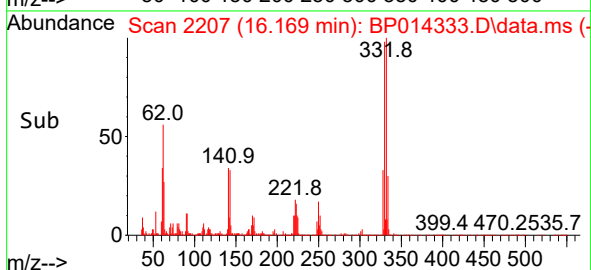
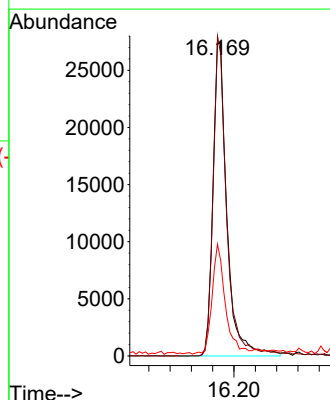
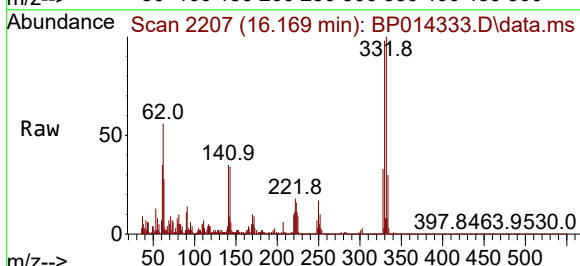
Tgt Ion:330 Resp: 49998

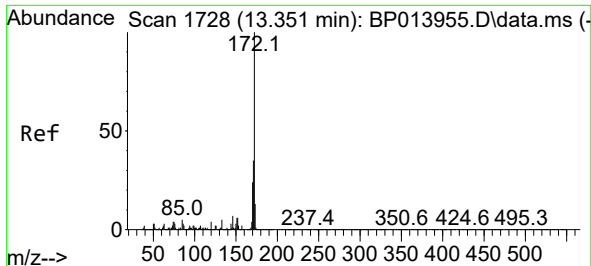
Ion Ratio Lower Upper

330 100

332 99.1 77.1 115.7

141 33.2 25.6 38.4

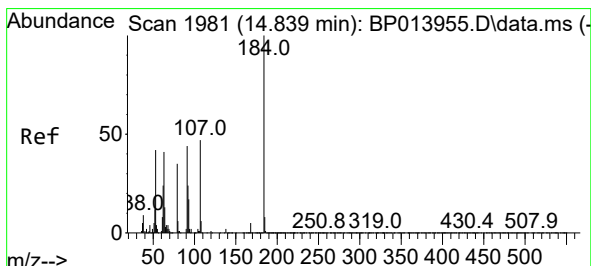
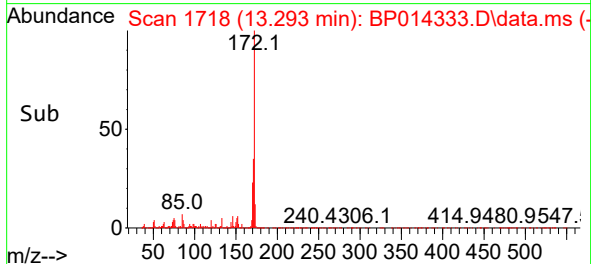
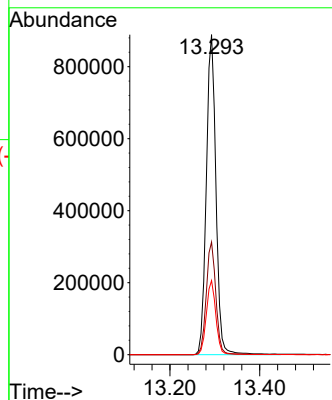
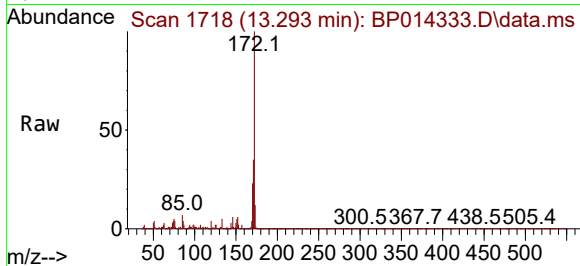




#45
2-Fluorobiphenyl
Concen: 64.723 ng
RT: 13.293 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

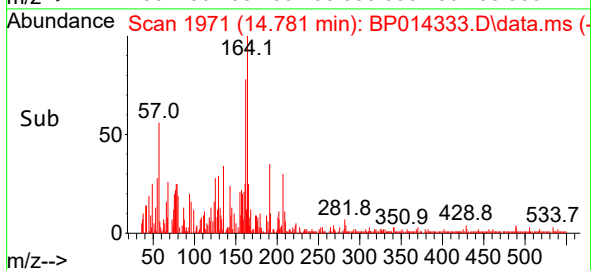
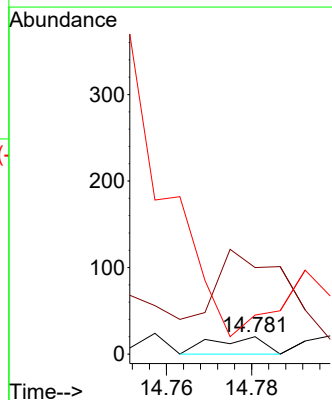
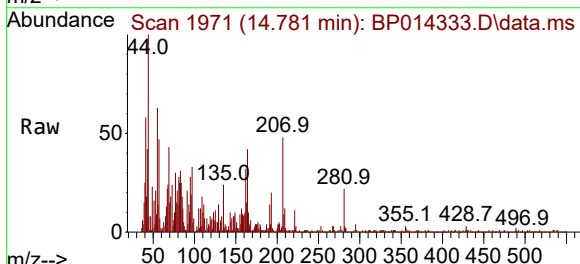
Instrument :
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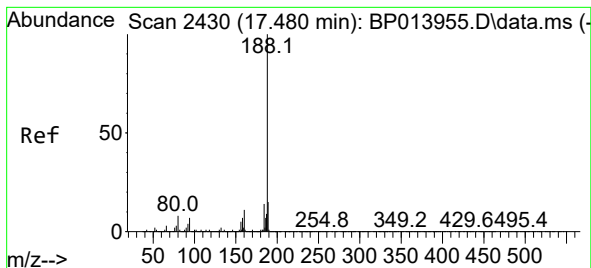
Tgt Ion:172 Resp: 1323883
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 19.0 28.4



#54
2,4-Dinitrophenol
Concen: 3.083 ng
RT: 14.781 min Scan# 1971
Delta R.T. -0.018 min
Lab File: BP014333.D
Acq: 28 Mar 2023 02:50

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 500.0 52.4 78.6#
154 225.0 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: BP014333.D

Acq: 28 Mar 2023 02:50

Instrument :

BNA_P

ClientSampleId :

RT-3990

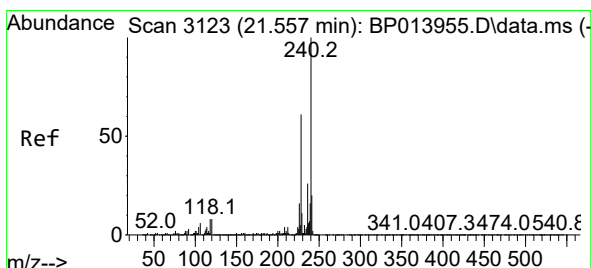
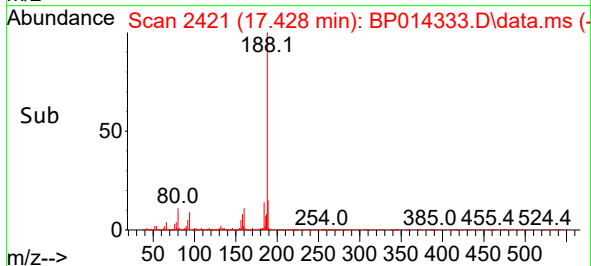
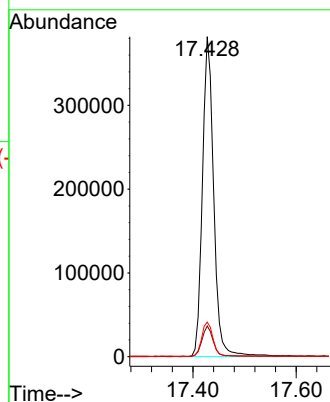
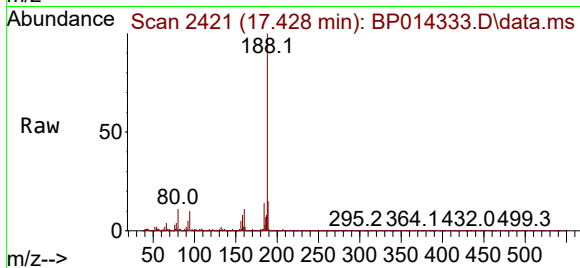
Tgt Ion:188 Resp: 579338

Ion Ratio Lower Upper

188 100

94 9.6 5.8 8.6#

80 10.8 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: BP014333.D

Acq: 28 Mar 2023 02:50

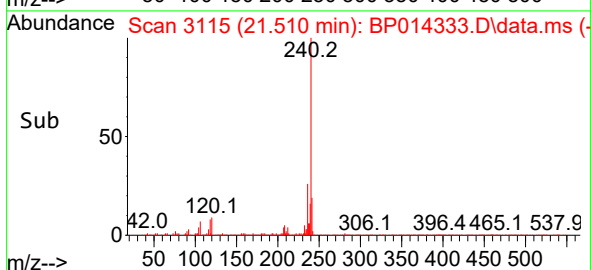
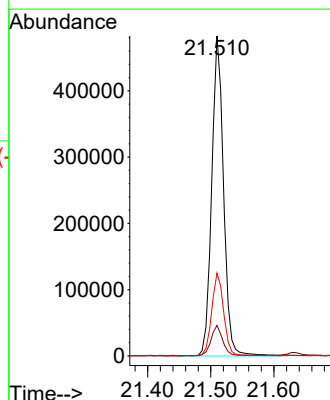
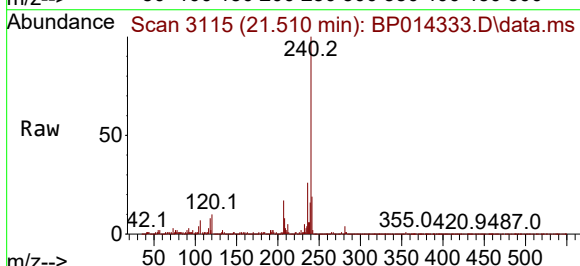
Tgt Ion:240 Resp: 627606

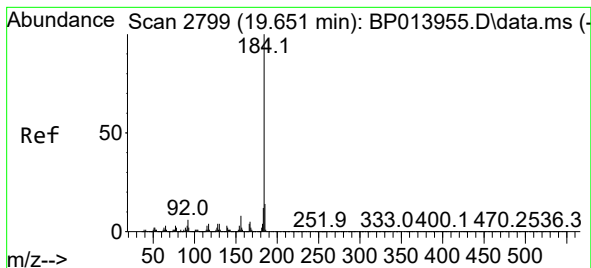
Ion Ratio Lower Upper

240 100

120 9.5 6.4 9.6

236 25.9 21.2 31.8





#77

Benzidine

Concen: 2.856 ng

RT: 19.645 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

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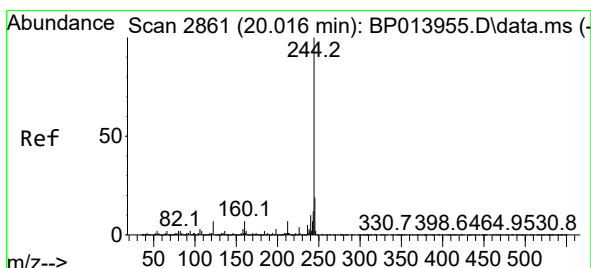
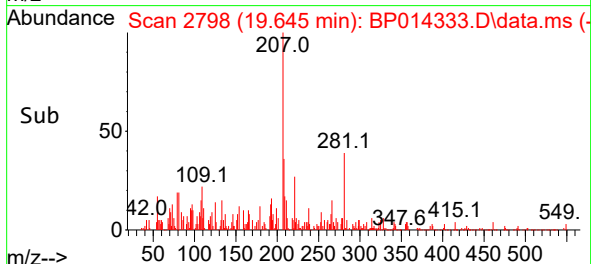
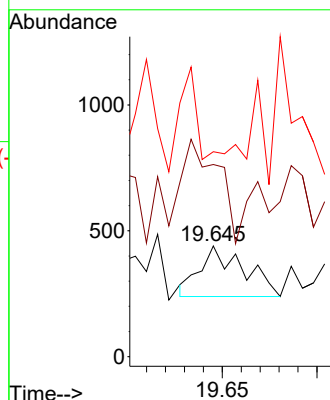
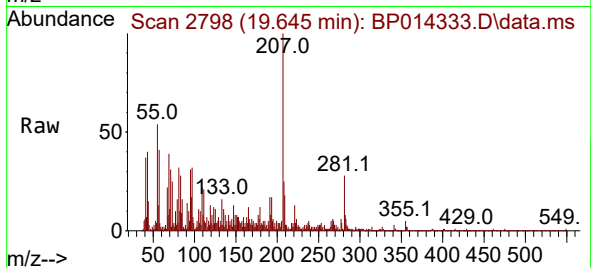
Tgt Ion:184 Resp: 321

Ion Ratio Lower Upper

184 100

185 173.4 11.6 17.4#

183 185.0 9.7 14.5#



#79

Terphenyl-d14

Concen: 59.765 ng

RT: 19.969 min Scan# 2853

Delta R.T. -0.006 min

Lab File: BP014333.D

Acq: 28 Mar 2023 02:50

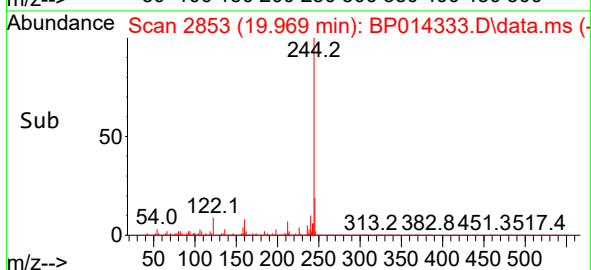
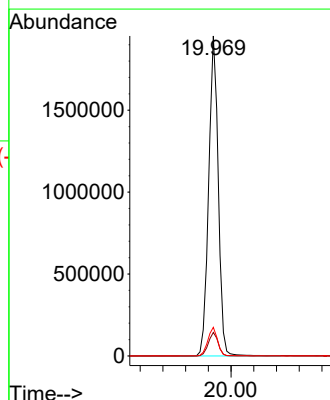
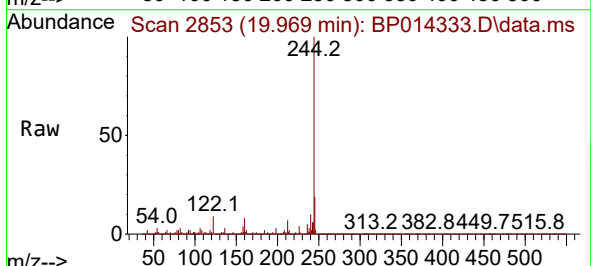
Tgt Ion:244 Resp: 2274732

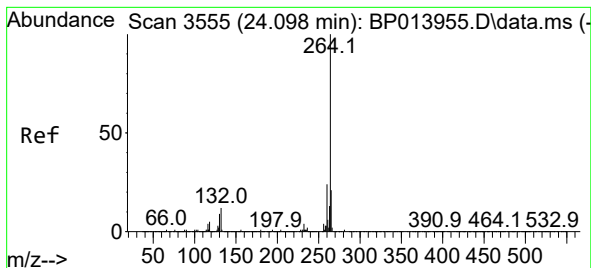
Ion Ratio Lower Upper

244 100

212 7.4 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: BP014333.D

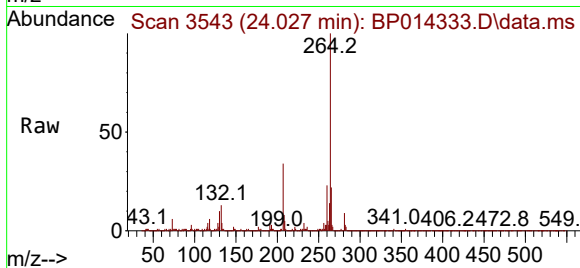
Acq: 28 Mar 2023 02:50

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 757593

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.2

265 22.4 17.8 26.8

