

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022823\
 Data File : BP013899.D
 Acq On : 28 Feb 2023 20:38
 Operator : CG/JU
 Sample : 01724-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR53-VNJ201

Quant Time: Mar 01 03:48:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 16:57:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

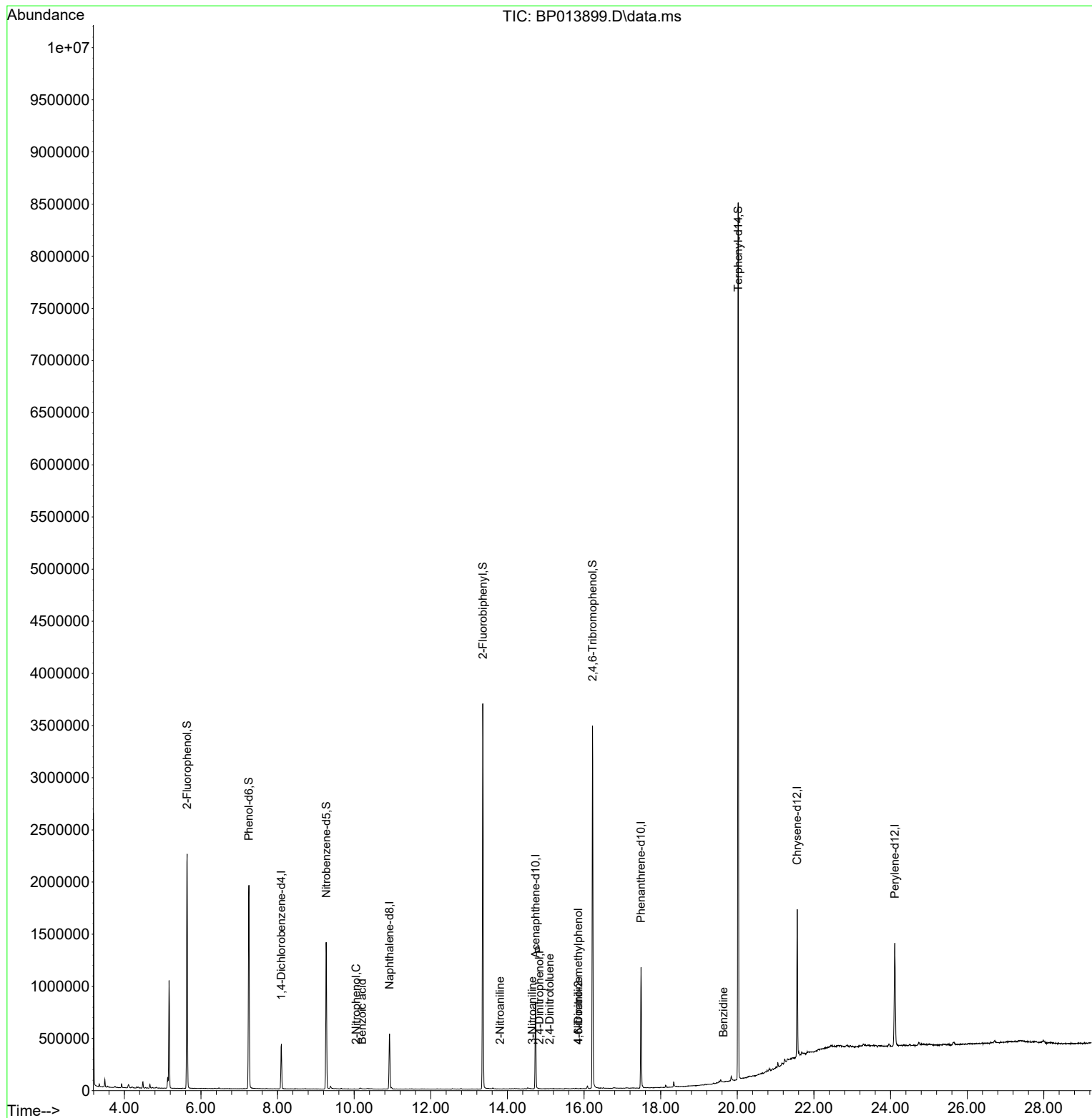
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	114004	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	426785	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	280064	20.000	ng	0.00
64) Phenanthrene-d10	17.486	188	689483	20.000	ng	0.00
76) Chrysene-d12	21.563	240	720645	20.000	ng	-0.01
86) Perylene-d12	24.110	264	813205	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	946908	136.891	ng	0.00
7) Phenol-d6	7.252	99	1107280	124.987	ng	0.00
23) Nitrobenzene-d5	9.269	82	811148	102.632	ng	-0.01
42) 2,4,6-Tribromophenol	16.222	330	687227	168.570	ng	-0.01
45) 2-Fluorobiphenyl	13.357	172	1890066	88.642	ng	-0.01
79) Terphenyl-d14	20.022	244	3846543	102.696	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	10.051	139	18	2.773	ng	# 1
32) Benzoic acid	10.204	122	35	5.082	ng	# 1
48) 2-Nitroaniline	13.804	65	88	3.247	ng	# 41
53) 3-Nitroaniline	14.645	138	23	2.012	ng	# 44
54) 2,4-Dinitrophenol	14.834	184	13	5.266	ng	# 1
57) 2,4-Dinitrotoluene	15.104	165	148	2.302	ng	# 87
62) 4-Nitroaniline	15.851	138	27	2.552	ng	# 80
65) 4,6-Dinitro-2-methylph...	15.851	198	27	4.629	ng	# 1
77) Benzidine	19.639	184	171	2.294	ng	# 1

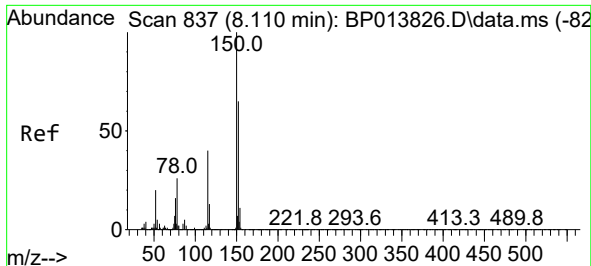
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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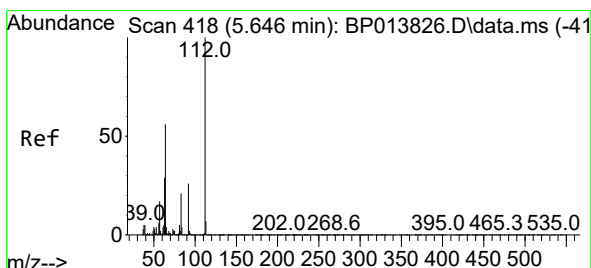
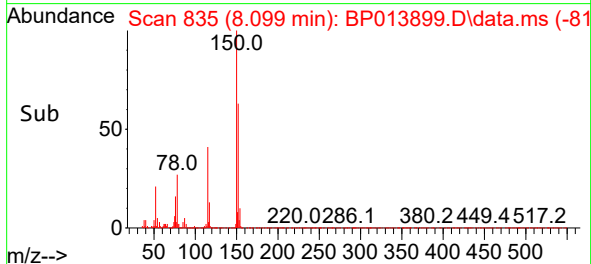
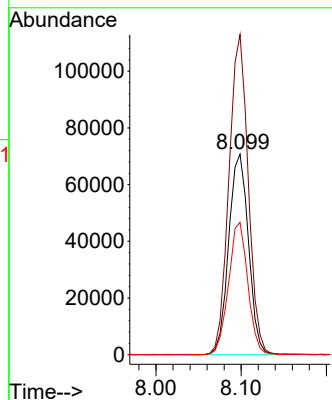
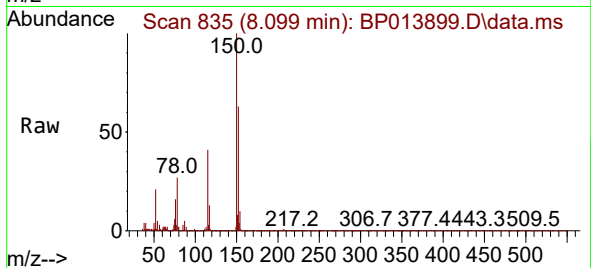




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

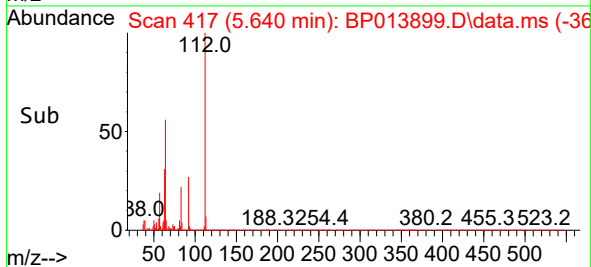
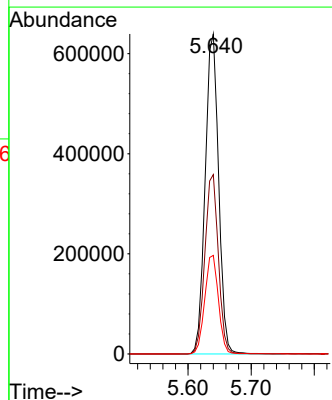
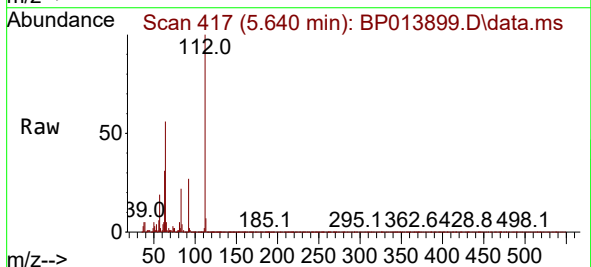
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

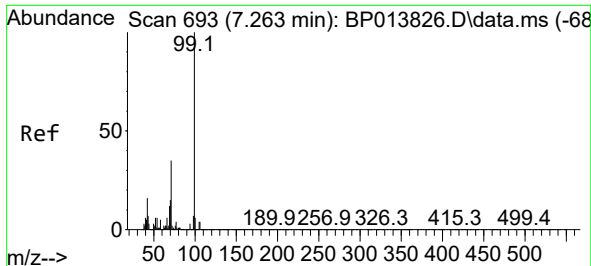
Tgt Ion:152 Resp: 114004
Ion Ratio Lower Upper
152 100
150 159.6 122.8 184.2
115 66.0 49.0 73.6



#5
2-Fluorophenol
Concen: 136.891 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.000 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:112 Resp: 946908
Ion Ratio Lower Upper
112 100
64 56.0 44.6 66.8
63 30.8 23.6 35.4

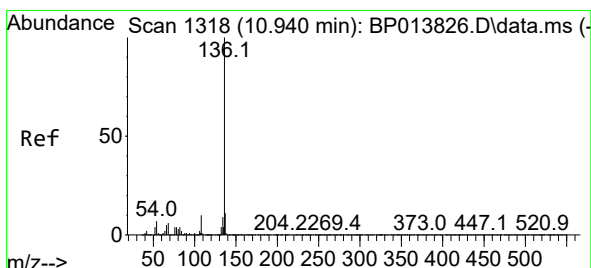
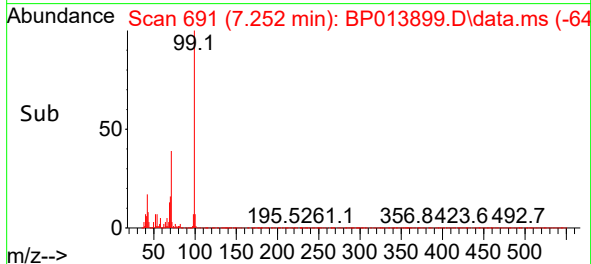
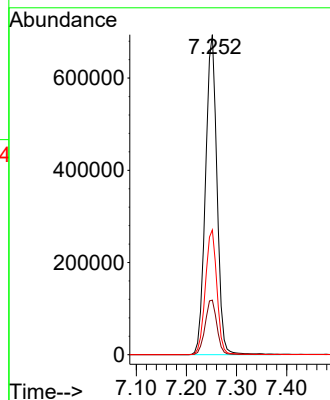
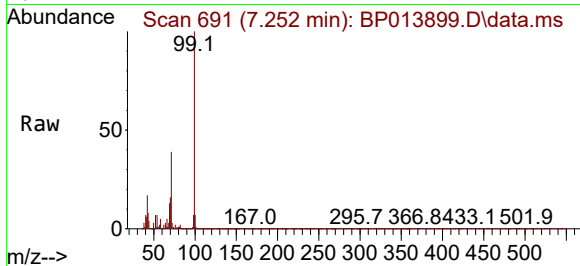




#7
Phenol-d6
Concen: 124.987 ng
RT: 7.252 min Scan# 69
Delta R.T. 0.000 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

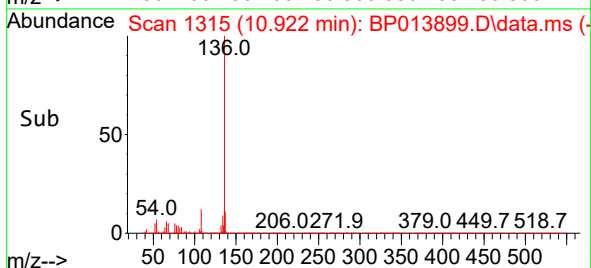
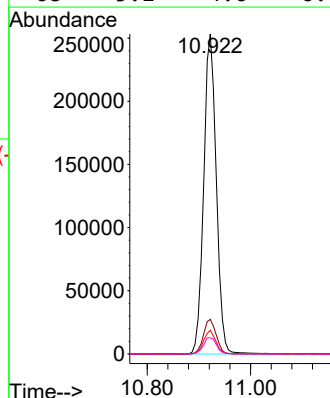
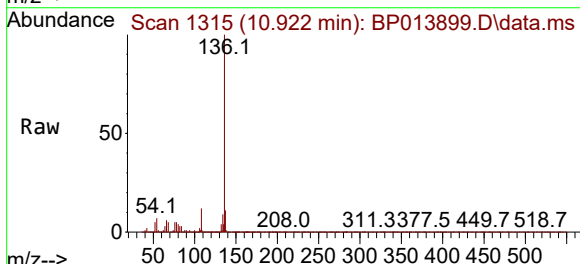
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

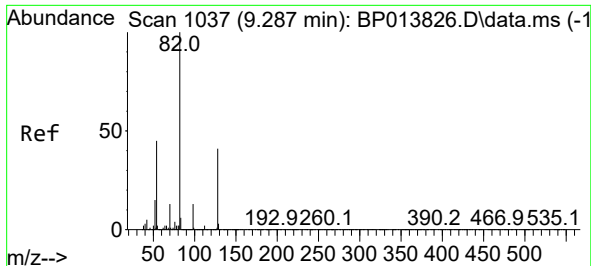
Tgt Ion: 99 Resp: 1107280
Ion Ratio Lower Upper
99 100
42 17.1 12.5 18.7
71 39.0 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:136 Resp: 426785
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 7.4 5.8 8.6
68 5.1 4.6 6.8

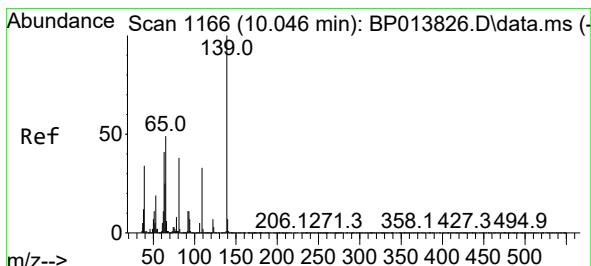
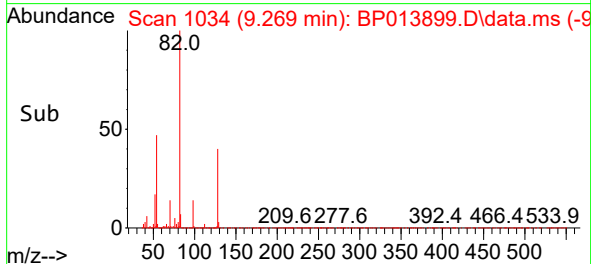
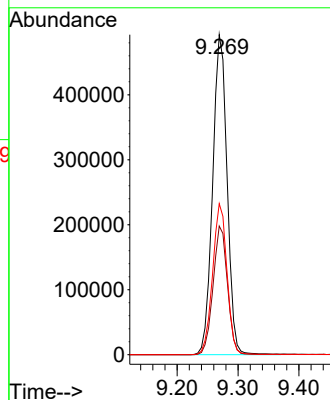
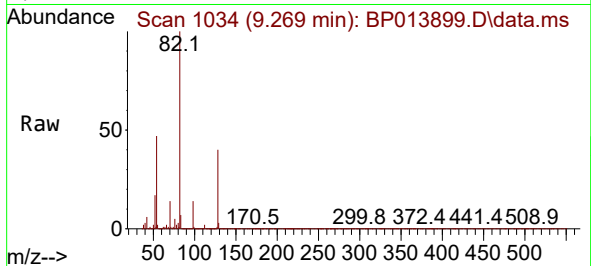




#23
Nitrobenzene-d5
Concen: 102.632 ng
RT: 9.269 min Scan# 1103
Delta R.T. -0.012 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

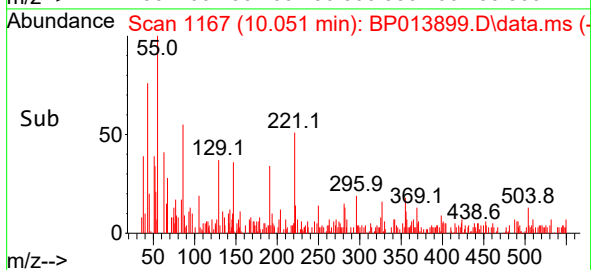
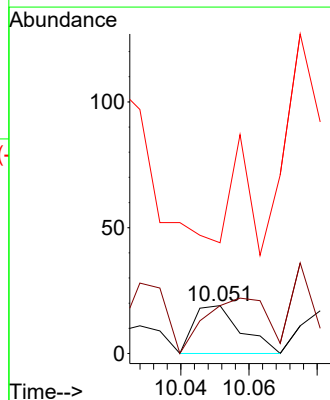
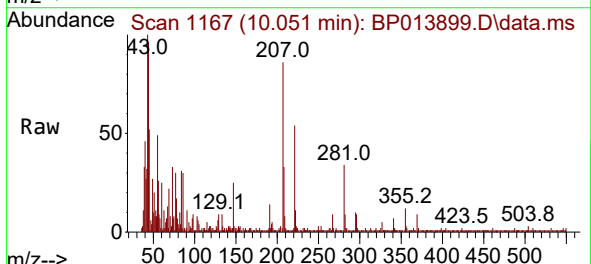
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

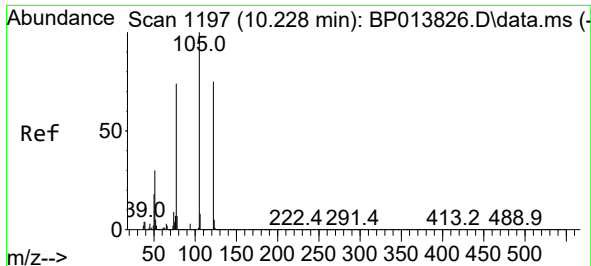
Tgt Ion: 82 Resp: 811148
Ion Ratio Lower Upper
82 100
128 40.2 32.9 49.3
54 47.2 35.6 53.4



#26
2-Nitrophenol
Concen: 2.773 ng
RT: 10.051 min Scan# 1167
Delta R.T. 0.018 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 67.9 26.7 40.1#
65 157.1 39.4 59.2#

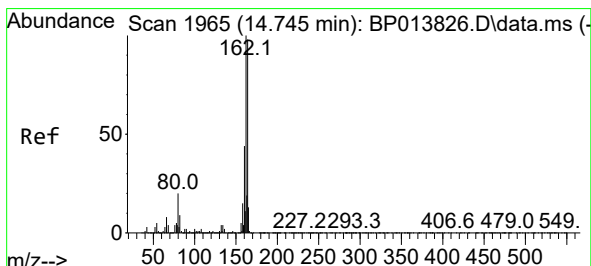
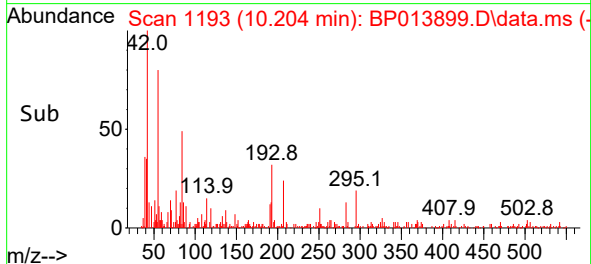
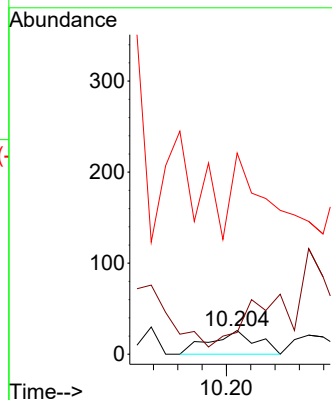
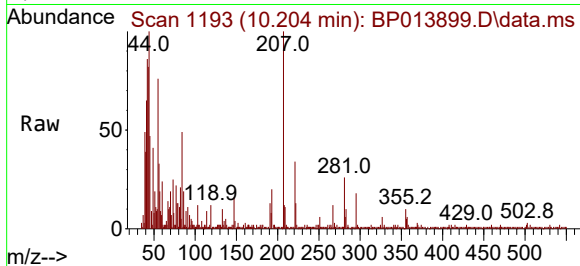




#32
Benzoic acid
Concen: 5.082 ng
RT: 10.204 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

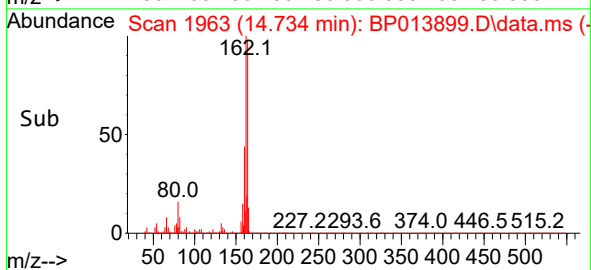
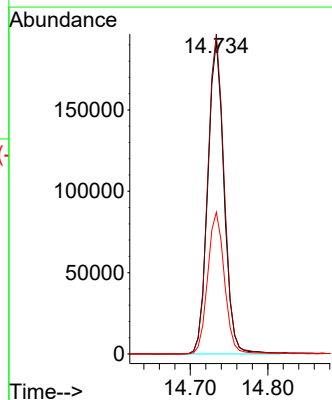
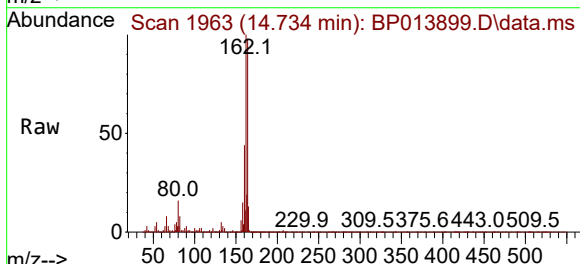
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

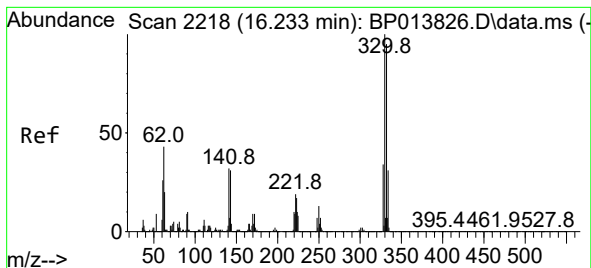
Tgt Ion:122 Resp: 35
Ion Ratio Lower Upper
122 100
105 92.3 107.4 147.4#
77 850.0 76.0 116.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:164 Resp: 280064
Ion Ratio Lower Upper
164 100
162 102.3 81.7 122.5
160 45.3 36.1 54.1





#42

2,4,6-Tribromophenol

Concen: 168.570 ng

RT: 16.222 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP013899.D

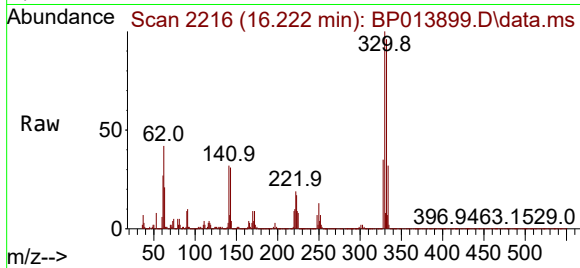
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BNA_P

ClientSampleId :

RBR53-VNJ201



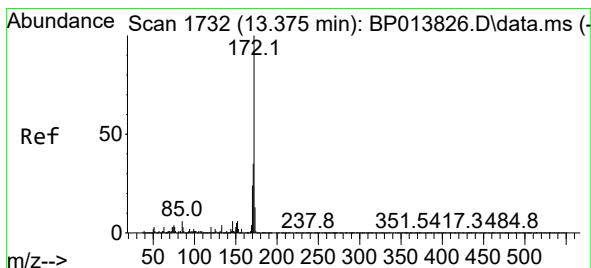
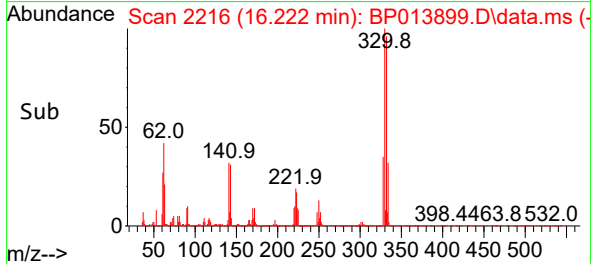
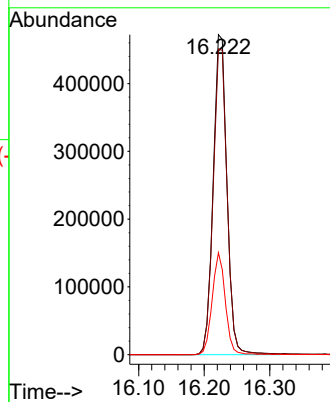
Tgt Ion:330 Resp: 687227

Ion Ratio Lower Upper

330 100

332 97.0 76.7 115.1

141 30.5 25.1 37.7



#45

2-Fluorobiphenyl

Concen: 88.642 ng

RT: 13.357 min Scan# 1729

Delta R.T. -0.012 min

Lab File: BP013899.D

Acq: 28 Feb 2023 20:38

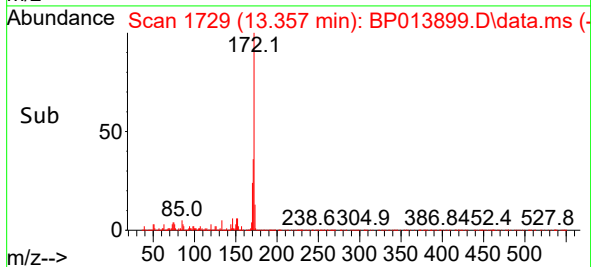
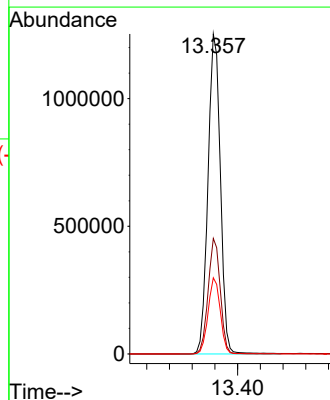
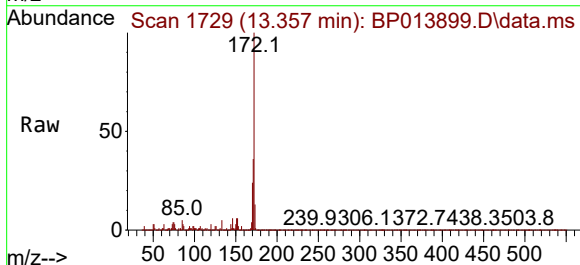
Tgt Ion:172 Resp: 1890066

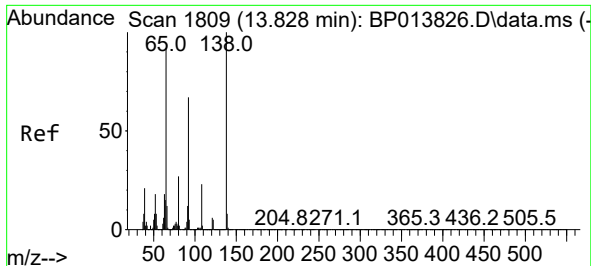
Ion Ratio Lower Upper

172 100

171 36.1 28.2 42.4

170 23.8 19.0 28.4

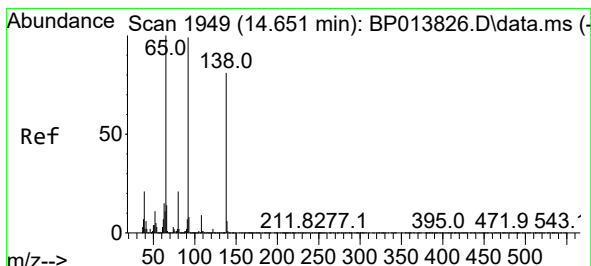
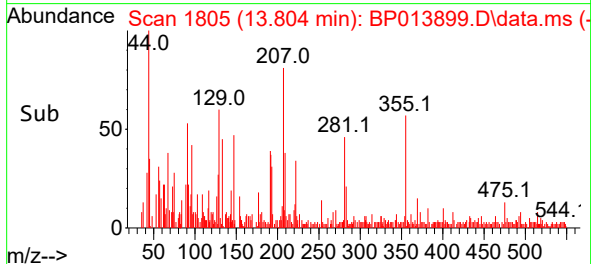
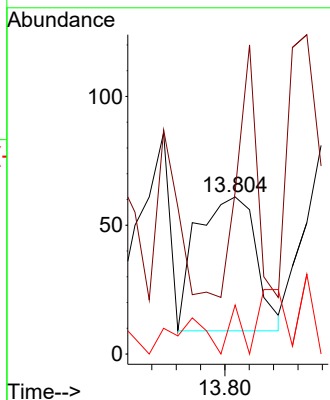
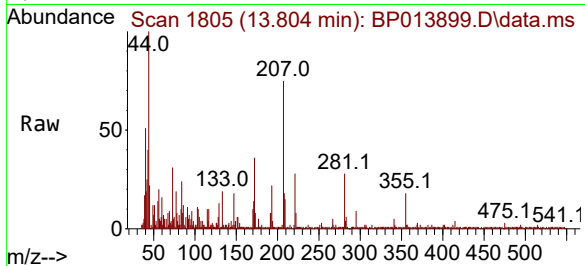




#48
2-Nitroaniline
Concen: 3.247 ng
RT: 13.804 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

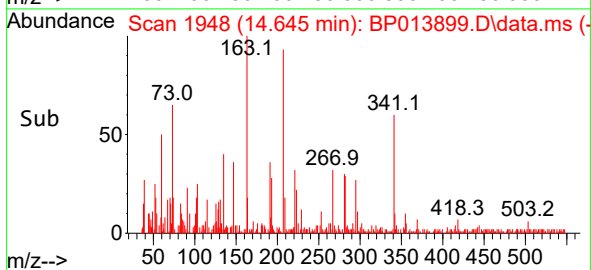
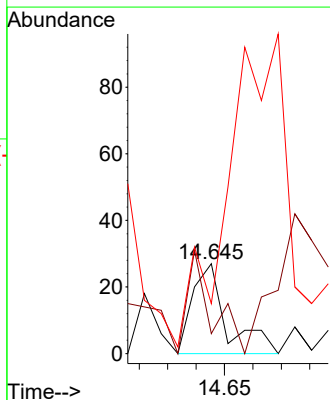
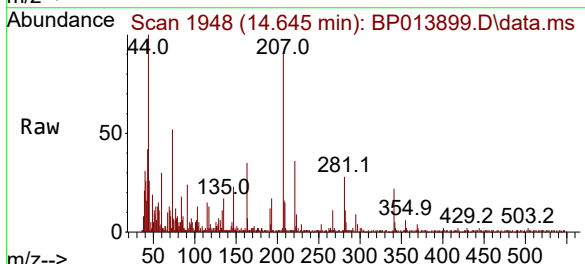
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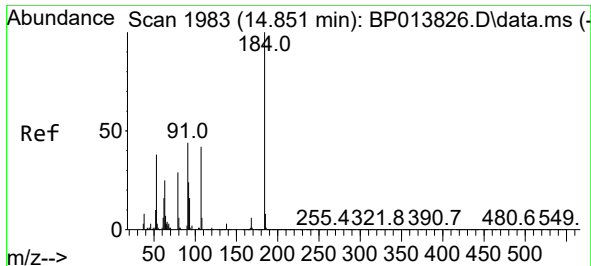
Tgt Ion: 65 Resp: 88
Ion Ratio Lower Upper
65 100
92 103.3 58.7 88.1#
138 31.1 87.3 130.9#



#53
3-Nitroaniline
Concen: 2.012 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion: 138 Resp: 23
Ion Ratio Lower Upper
138 100
108 22.2 9.0 13.4#
92 55.6 97.1 145.7#

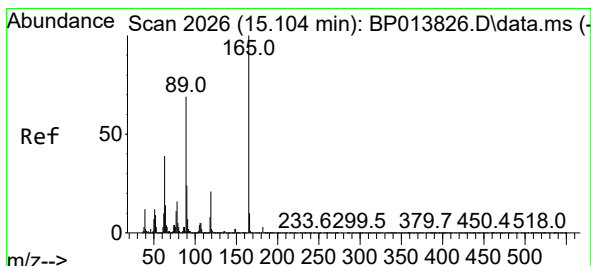
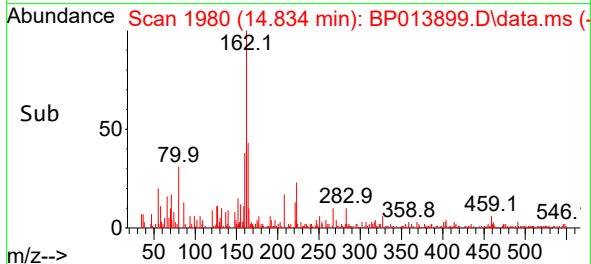
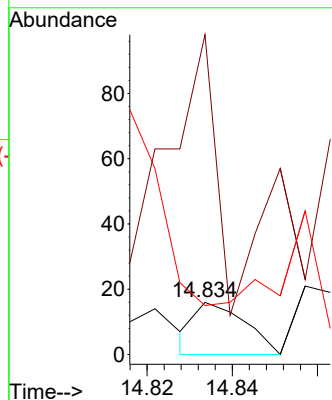
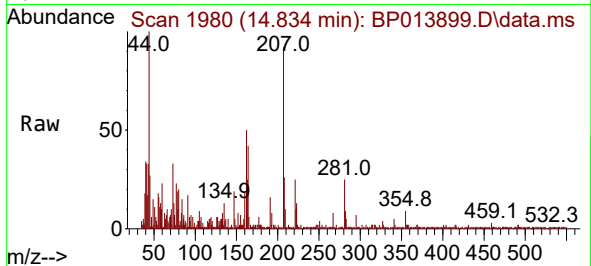




#54
2,4-Dinitrophenol
Concen: 5.266 ng
RT: 14.834 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

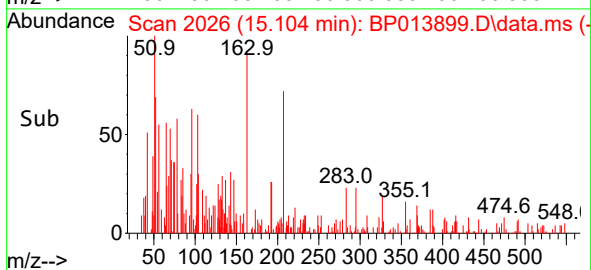
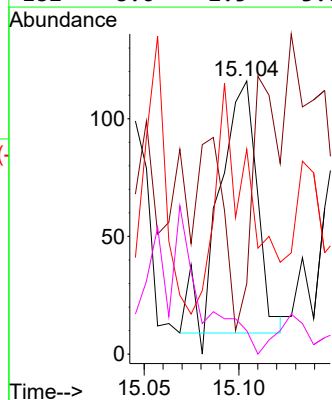
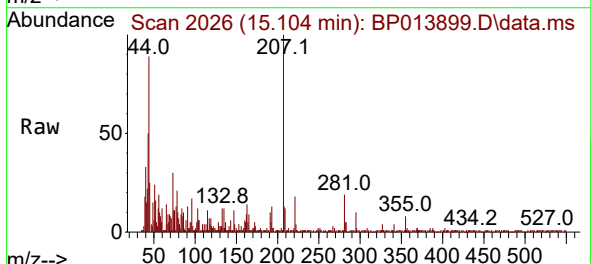
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

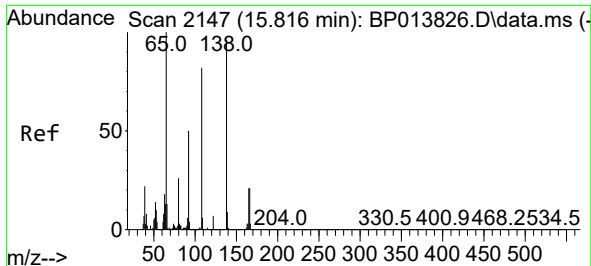
Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 612.5 47.0 70.4#
154 93.8 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 2.302 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:165 Resp: 148
Ion Ratio Lower Upper
165 100
63 25.9 31.1 46.7#
89 75.0 54.9 82.3
182 8.6 2.5 3.7#

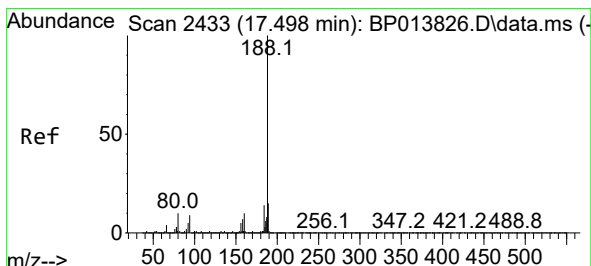
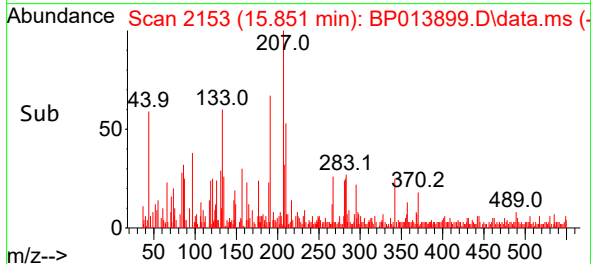
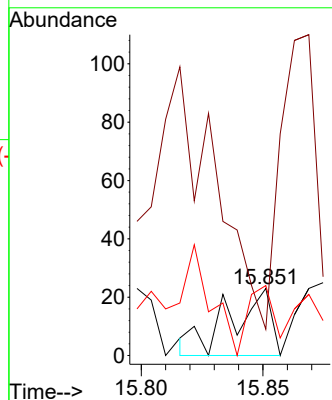
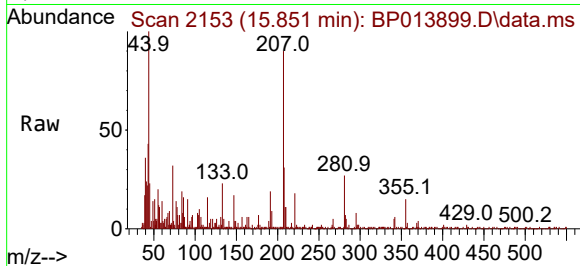




#62
4-Nitroaniline
Concen: 2.552 ng
RT: 15.851 min Scan# 2147
Delta R.T. 0.041 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

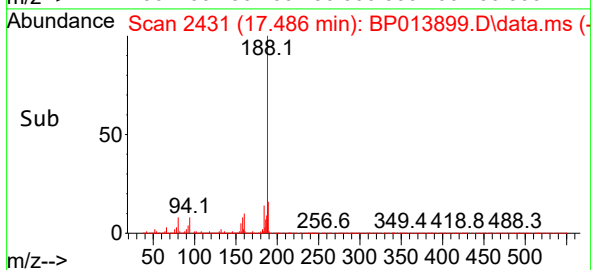
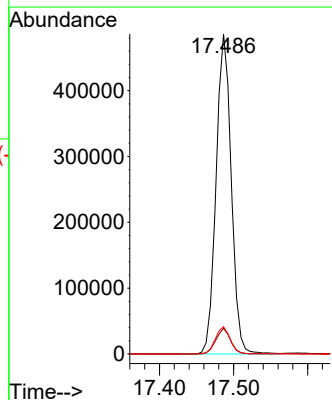
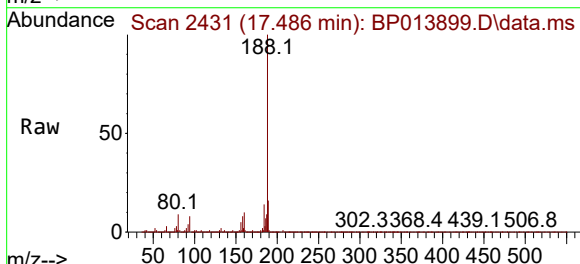
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

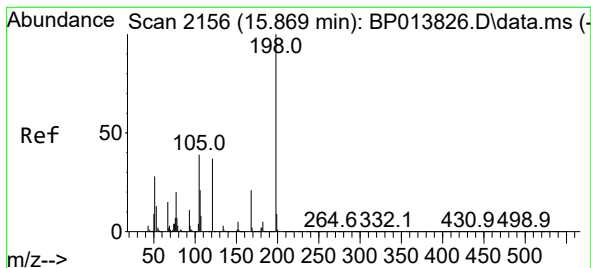
Tgt Ion:138 Resp: 27
Ion Ratio Lower Upper
138 100
92 39.1 32.0 72.0
108 104.3 65.6 105.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2431
Delta R.T. -0.006 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:188 Resp: 689483
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.5 7.8 11.8

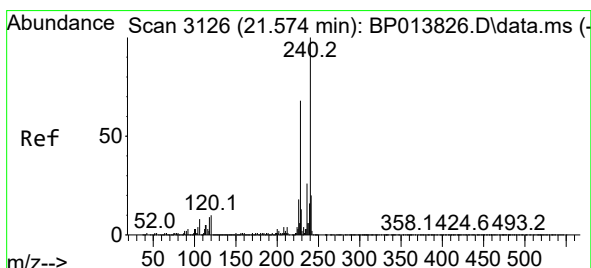
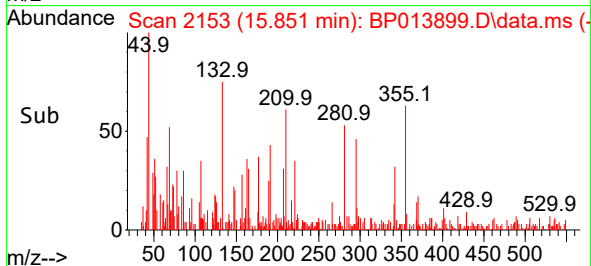
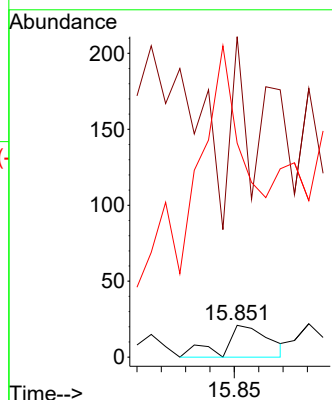
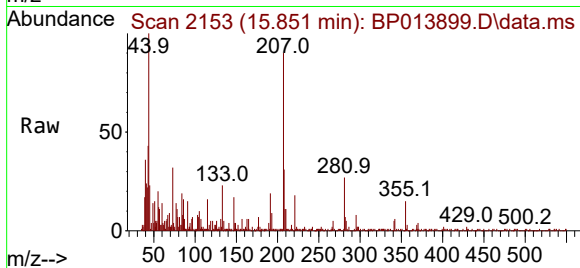




#65
4,6-Dinitro-2-methylphenol
Concen: 4.629 ng
RT: 15.851 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

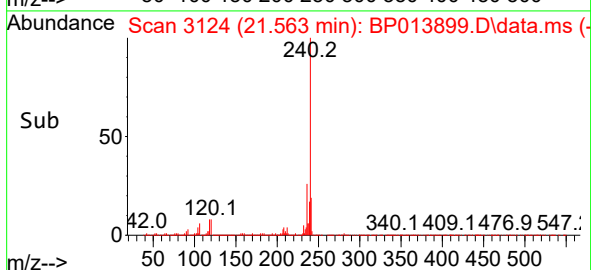
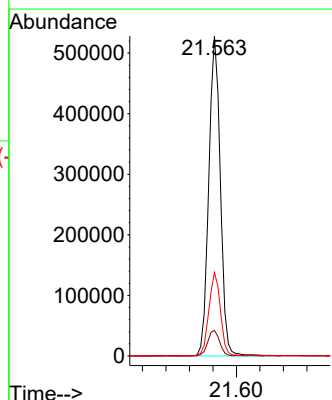
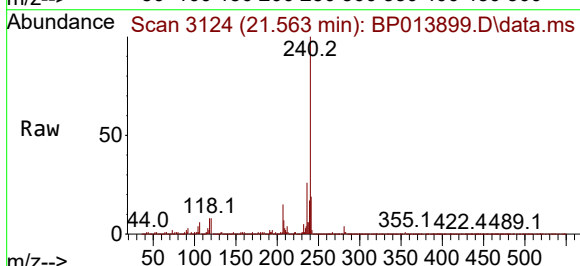
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

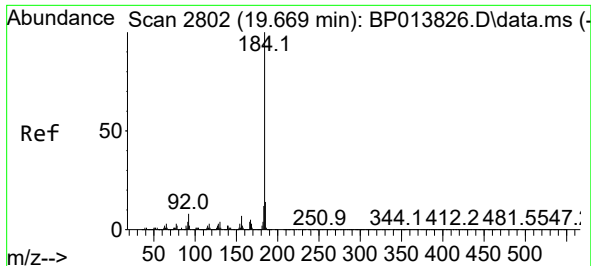
Tgt Ion:198 Resp: 27
Ion Ratio Lower Upper
198 100
51 1152.4 14.3 54.3#
105 671.4 20.5 60.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.563 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:240 Resp: 720645
Ion Ratio Lower Upper
240 100
120 8.0 7.9 11.9
236 26.1 20.9 31.3

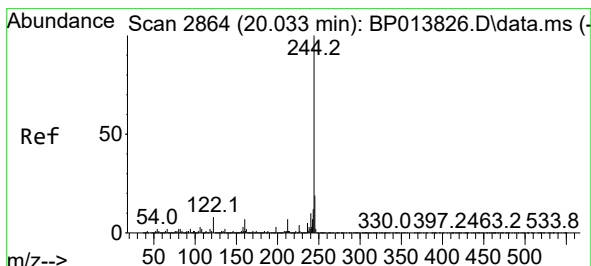
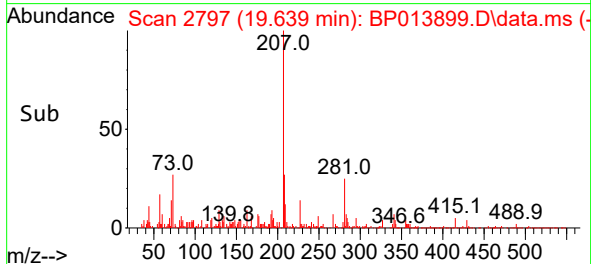
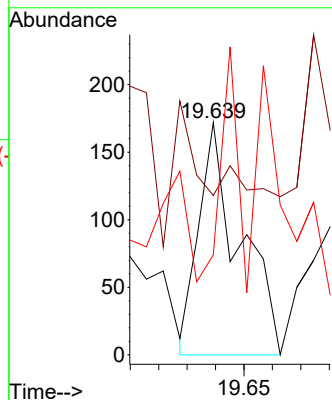
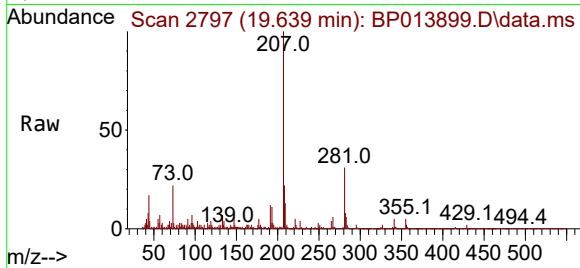




#77
Benzidine
Concen: 2.294 ng
RT: 19.639 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

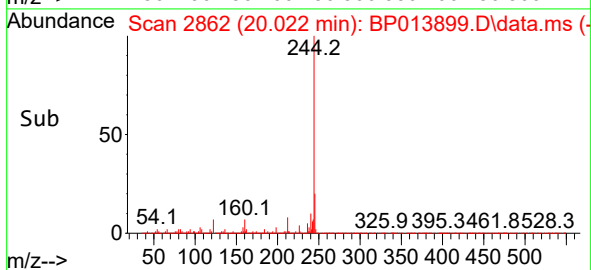
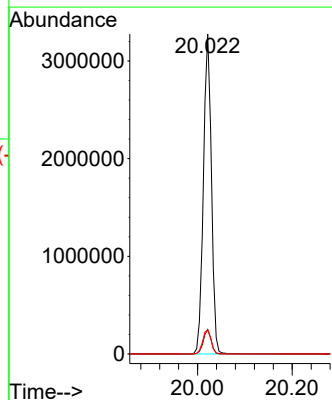
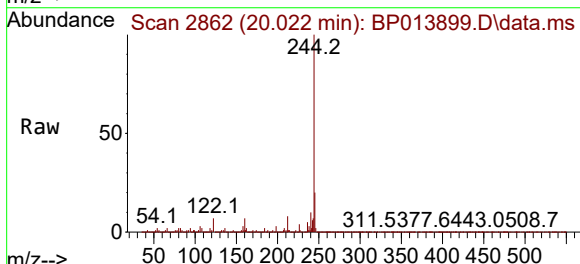
Instrument :
BNA_P
ClientSampleId :
RBR53-VNJ201

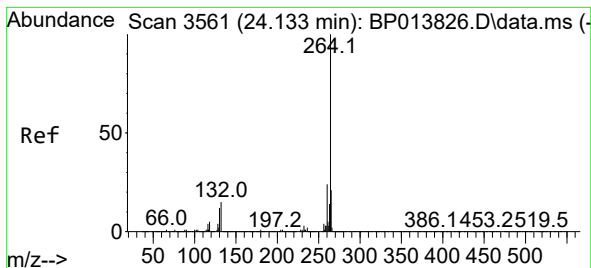
Tgt Ion:184 Resp: 171
Ion Ratio Lower Upper
184 100
185 68.6 11.4 17.0#
183 43.0 9.6 14.4#



#79
Terphenyl-d14
Concen: 102.696 ng
RT: 20.022 min Scan# 2862
Delta R.T. -0.006 min
Lab File: BP013899.D
Acq: 28 Feb 2023 20:38

Tgt Ion:244 Resp: 3846543
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.6
122 7.4 6.7 10.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.110 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP013899.D

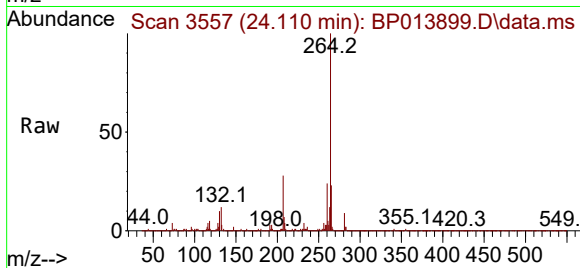
Acq: 28 Feb 2023 20:38

Instrument :

BNA_P

ClientSampleId :

RBR53-VNJ201



Tgt Ion:264 Resp: 813205

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.7 17.6 26.4

