

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061124\
 Data File : BP020590.D
 Acq On : 11 Jun 2024 16:26
 Operator : MA/JU
 Sample : P2767-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-3

Quant Time: Jun 11 16:58:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

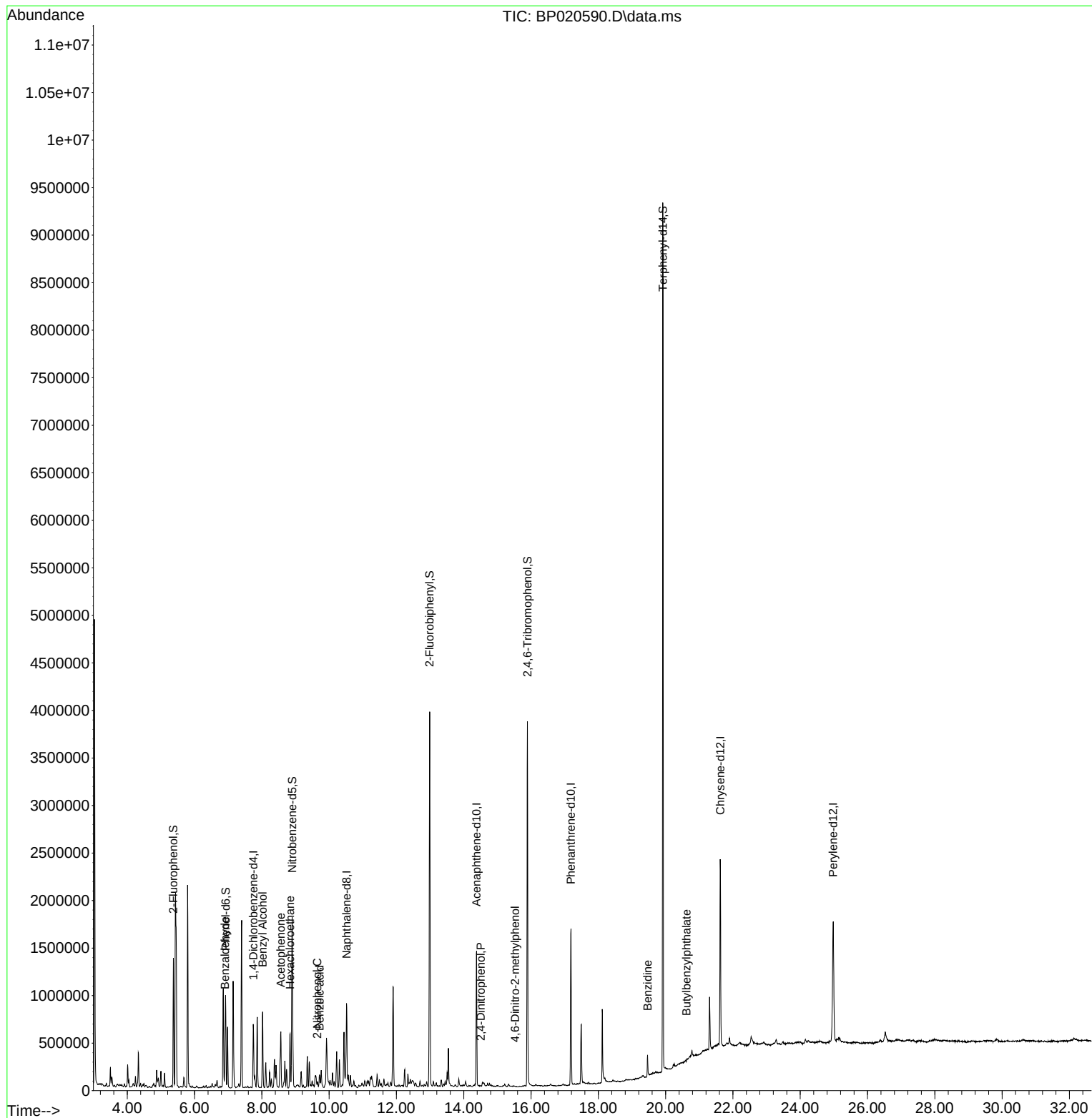
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	197975	20.000	ng	-0.02
21) Naphthalene-d8	10.516	136	760239	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	509891	20.000	ng	-0.01
64) Phenanthrene-d10	17.187	188	1137109	20.000	ng	-0.02
76) Chrysene-d12	21.622	240	1169514	20.000	ng	-0.05
86) Perylene-d12	24.980	264	1316856	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	573691	51.884	ng	0.00
7) Phenol-d6	6.922	99	448979	28.793	ng	-0.01
23) Nitrobenzene-d5	8.899	82	962619	69.312	ng	-0.02
42) 2,4,6-Tribromophenol	15.893	330	778899	147.193	ng	-0.02
45) 2-Fluorobiphenyl	12.987	172	2346258	68.596	ng	-0.02
79) Terphenyl-d14	19.916	244	4367659	62.171	ng	-0.03
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.905	77	31628	3.162	ng	# 1
15) Benzyl Alcohol	8.022	79	25815	2.241	ng	# 45
18) Hexachloroethane	8.840	117	57485	10.606	ng	# 1
22) Acetophenone	8.563	105	395517	20.959	ng	# 98
26) 2-Nitrophenol	9.646	139	228	3.829	ng	# 1
32) Benzoic acid	9.716	122	9034	7.848	ng	# 41
54) 2,4-Dinitrophenol	14.510	184	76	5.002	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	57	7.663	ng	# 1
77) Benzidine	19.463	184	273	5.976	ng	# 1
80) Butylbenzylphthalate	20.622	149	382	2.441	ng	# 82

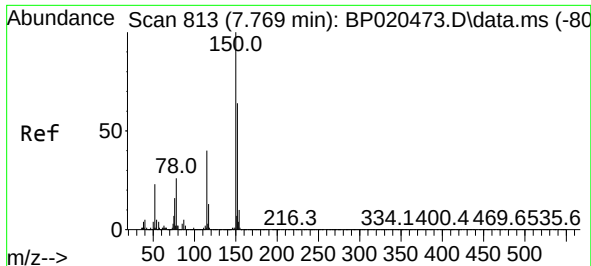
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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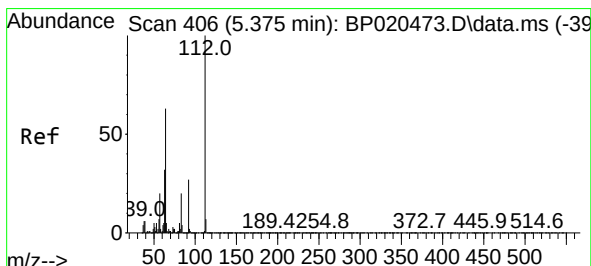
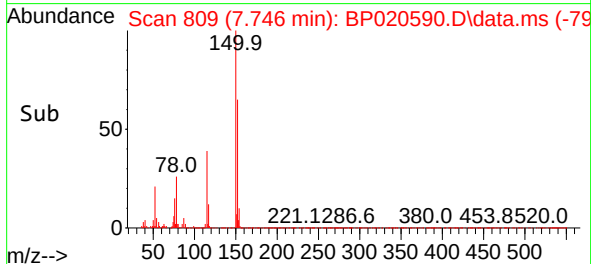
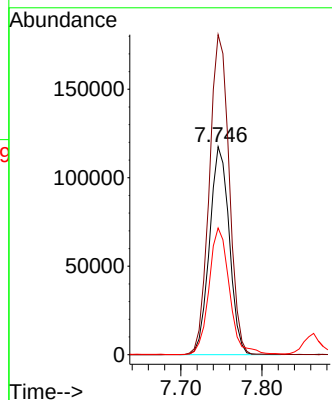
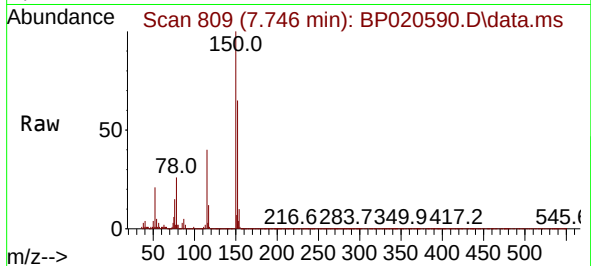




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.746 min Scan# 809
Delta R.T. -0.023 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

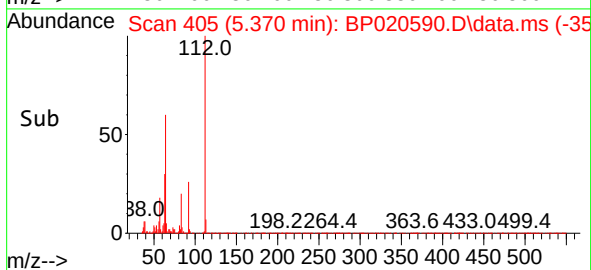
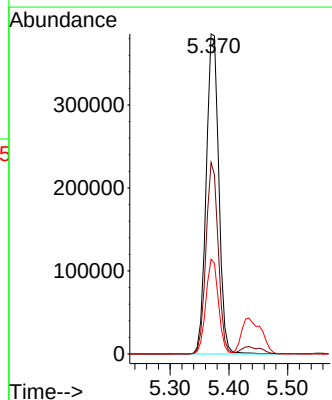
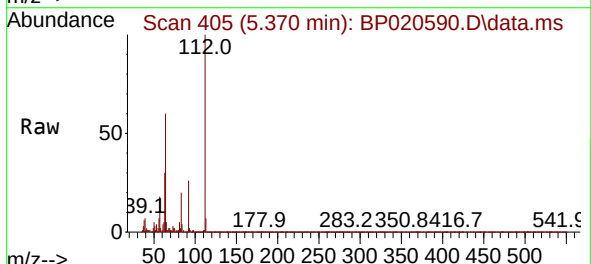
Instrument :
BNA_P
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MW-3

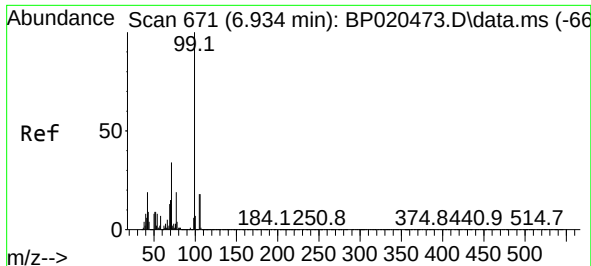
Tgt Ion:152 Resp: 197975
Ion Ratio Lower Upper
152 100
150 153.8 124.2 186.2
115 60.9 49.5 74.3



#5
2-Fluorophenol
Concen: 51.884 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.006 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion:112 Resp: 573691
Ion Ratio Lower Upper
112 100
64 59.8 50.1 75.1
63 29.6 25.7 38.5

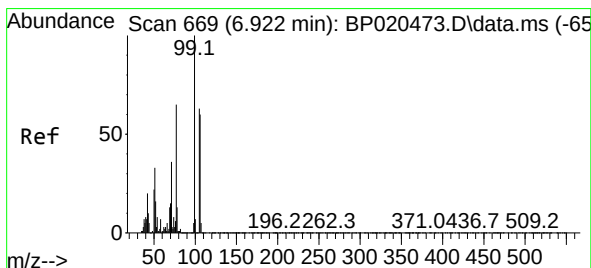
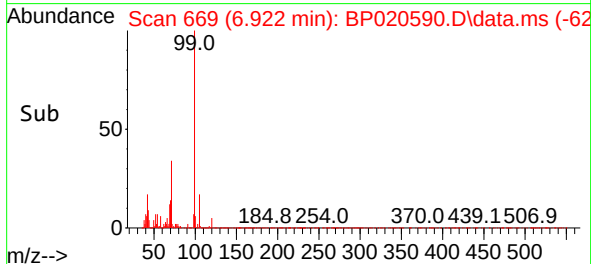
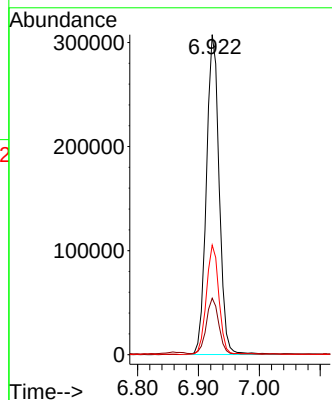
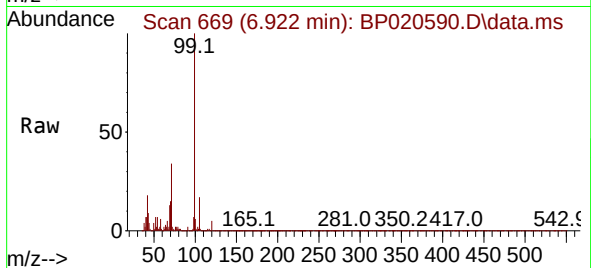




#7
Phenol-d6
Concen: 28.793 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

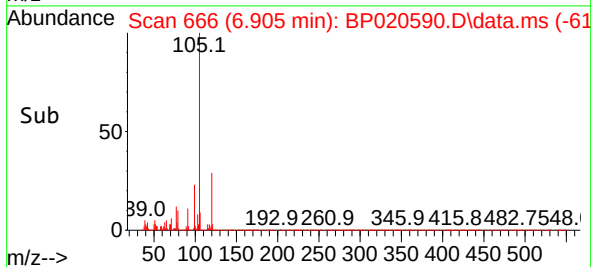
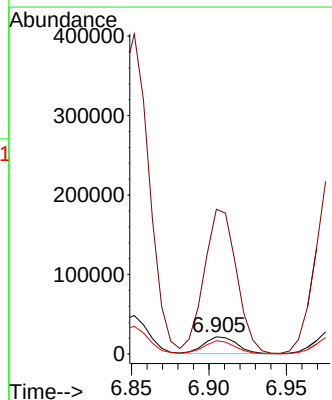
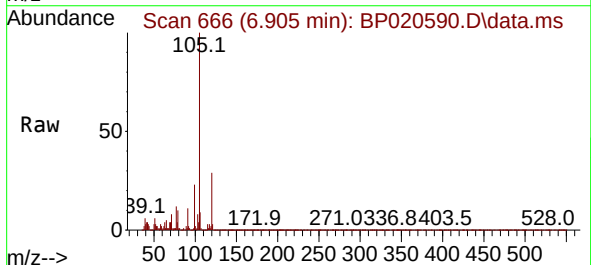
Instrument :
BNA_P
ClientSampleId :
MW-3

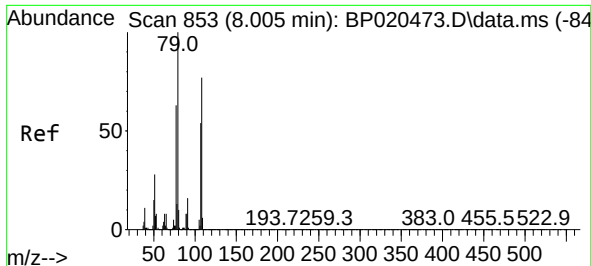
Tgt Ion: 99 Resp: 448979
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.2 27.3 40.9



#9
Benzaldehyde
Concen: 3.162 ng
RT: 6.905 min Scan# 666
Delta R.T. -0.017 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion: 77 Resp: 31628
Ion Ratio Lower Upper
77 100
105 843.3 76.8 116.8#
106 77.6 72.0 112.0

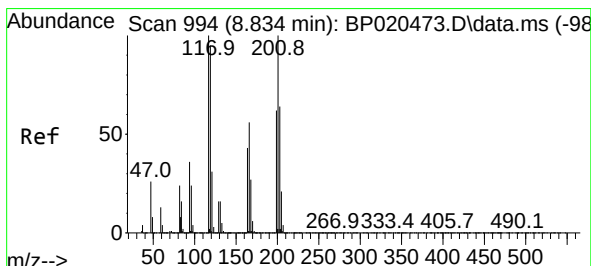
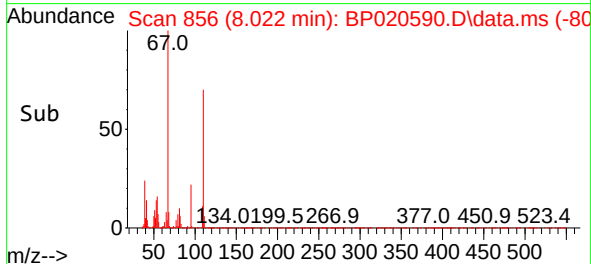
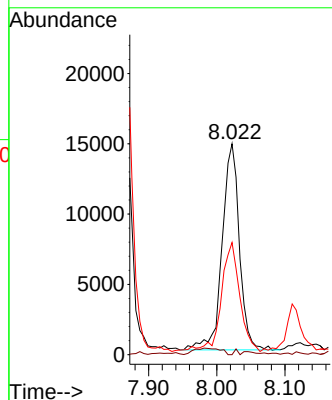
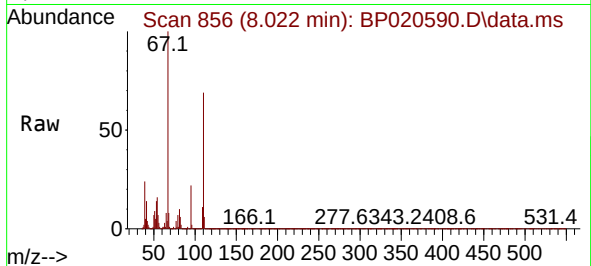




#15
Benzyl Alcohol
Concen: 2.241 ng
RT: 8.022 min Scan# 853
Delta R.T. 0.018 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

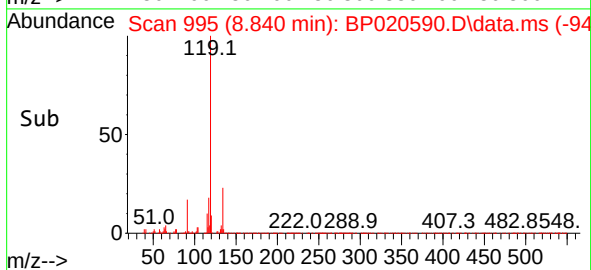
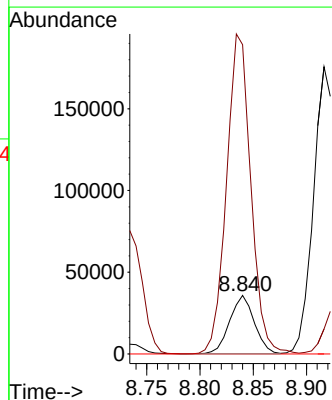
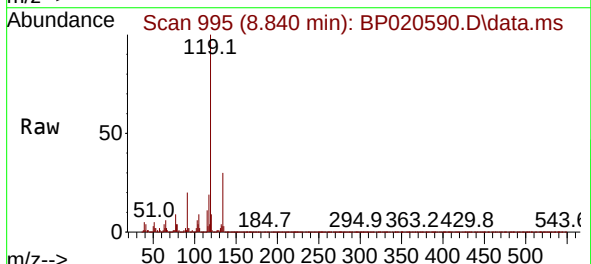
Instrument :
BNA_P
ClientSampleId :
MW-3

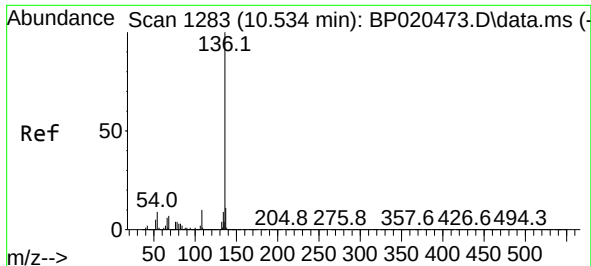
Tgt Ion: 79 Resp: 25815
Ion Ratio Lower Upper
79 100
108 0.0 61.4 92.2#
77 53.2 50.2 75.2



#18
Hexachloroethane
Concen: 10.606 ng
RT: 8.840 min Scan# 995
Delta R.T. 0.006 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion: 117 Resp: 57485
Ion Ratio Lower Upper
117 100
119 528.4 76.3 114.5#
201 0.0 79.9 119.9#

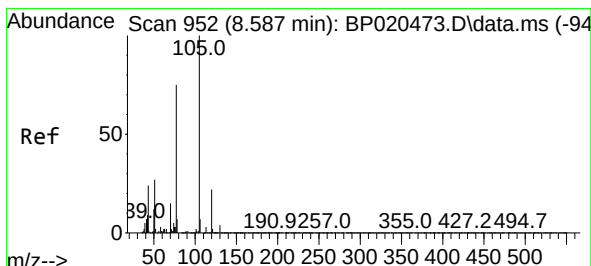
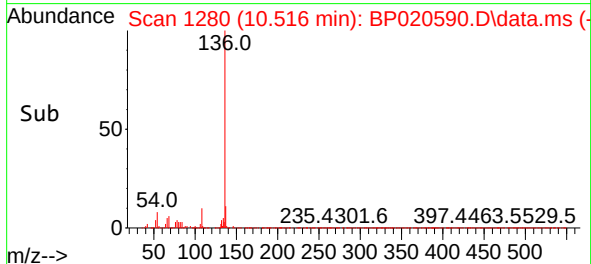
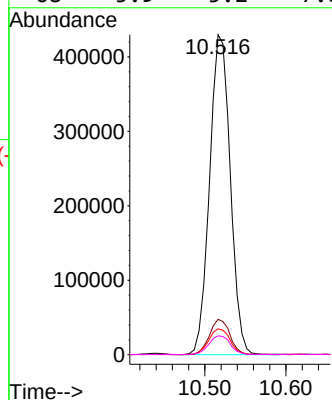
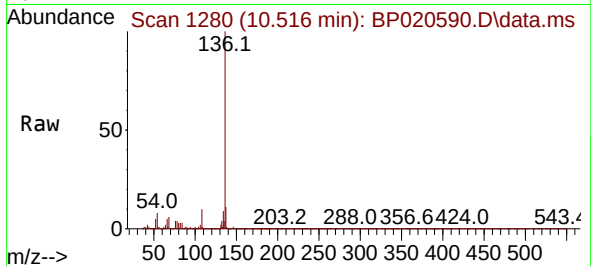




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

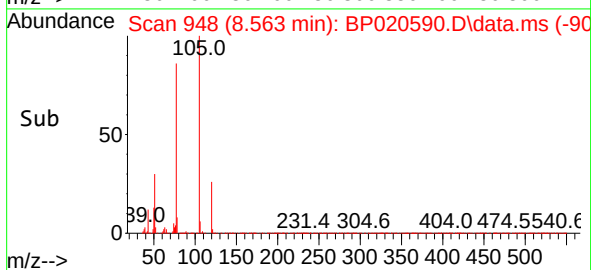
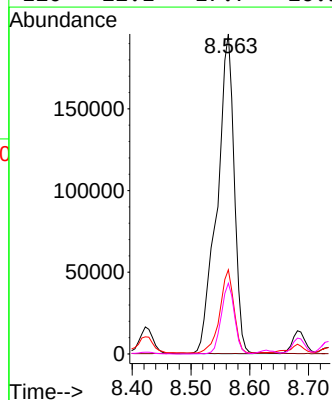
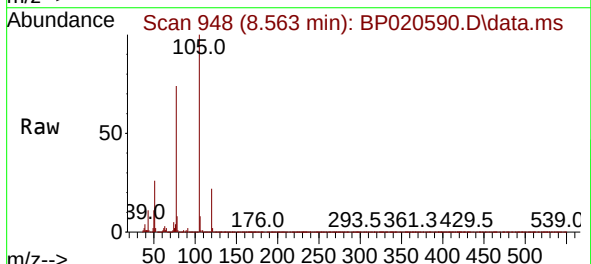
Instrument :
BNA_P
ClientSampleId :
MW-3

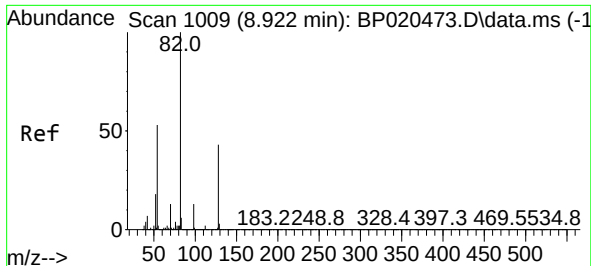
Tgt Ion:	136	Resp:	760239
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	8.1	7.4	11.0
68	5.9	5.2	7.8



#22
Acetophenone
Concen: 20.959 ng
RT: 8.563 min Scan# 948
Delta R.T. -0.023 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion:	105	Resp:	395517
Ion	Ratio	Lower	Upper
105	100		
71	0.1	2.3	3.5
51	26.3	22.6	33.8
120	22.1	17.7	26.5

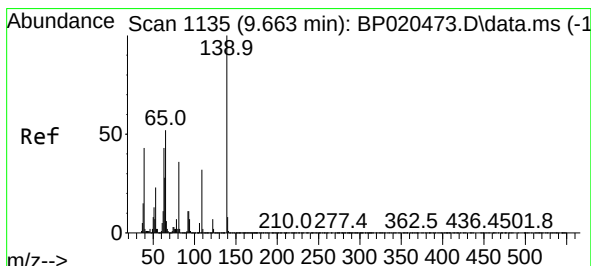
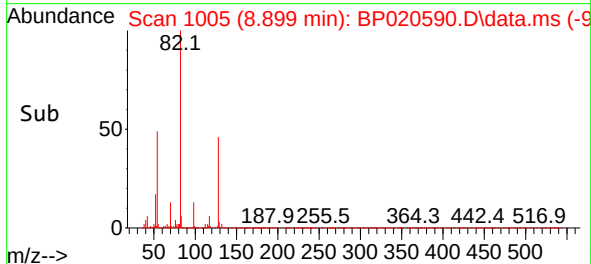
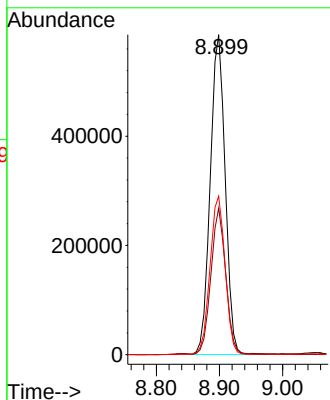
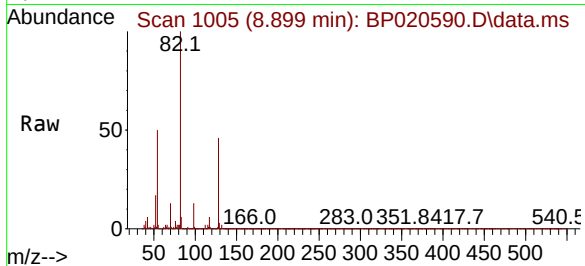




#23
Nitrobenzene-d5
Concen: 69.312 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.023 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

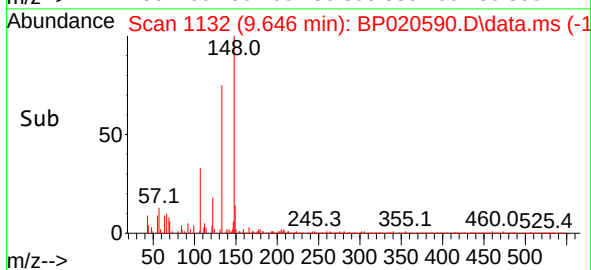
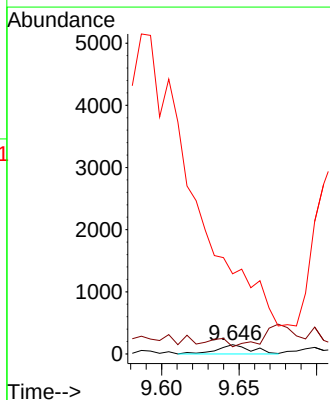
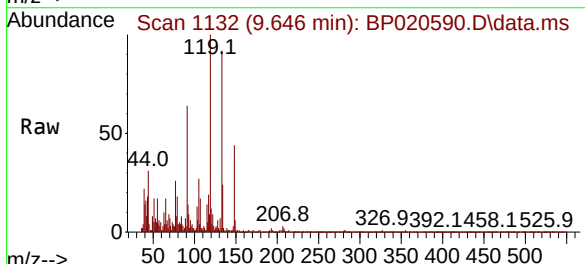
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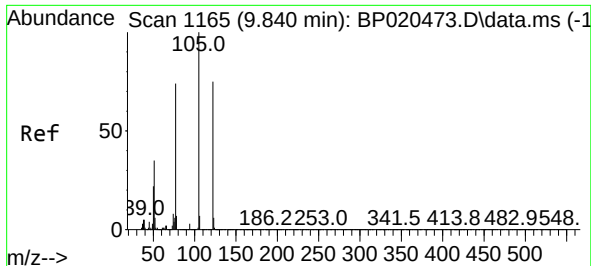
Tgt Ion: 82 Resp: 962619
Ion Ratio Lower Upper
82 100
128 45.8 34.2 51.4
54 49.6 42.7 64.1



#26
2-Nitrophenol
Concen: 3.829 ng
RT: 9.646 min Scan# 1132
Delta R.T. -0.017 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion: 139 Resp: 228
Ion Ratio Lower Upper
139 100
109 77.3 25.8 38.8#
65 859.3 41.8 62.8#

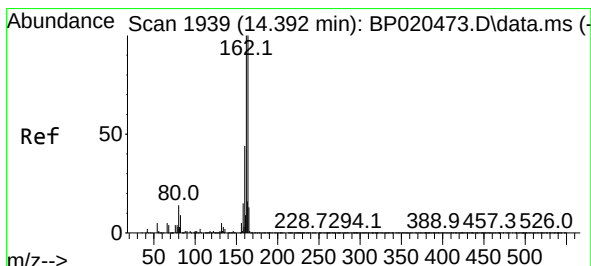
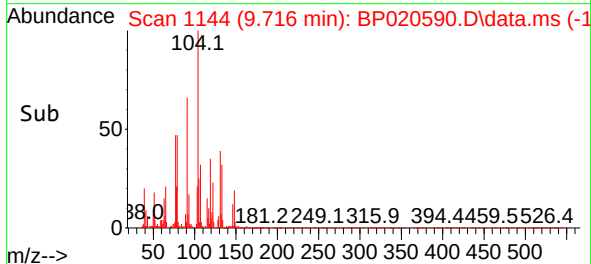
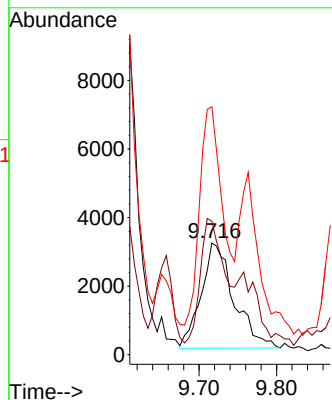
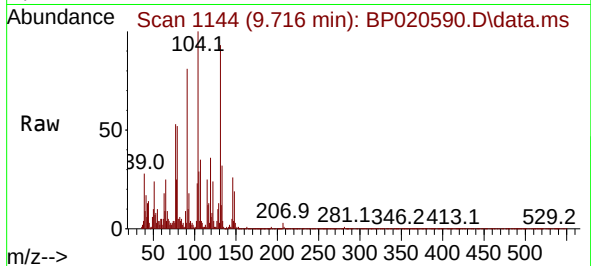




#32
Benzoic acid
Concen: 7.848 ng
RT: 9.716 min Scan# 1165
Delta R.T. -0.124 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

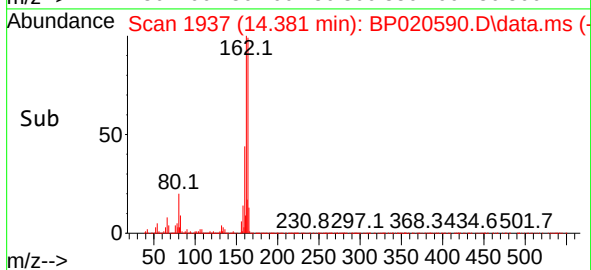
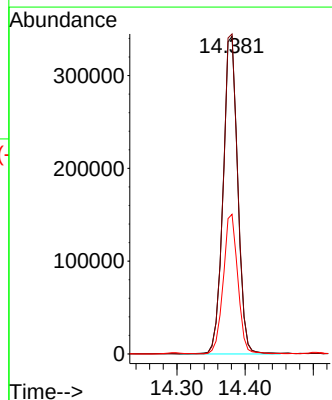
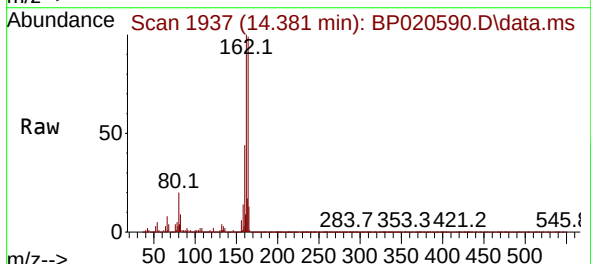
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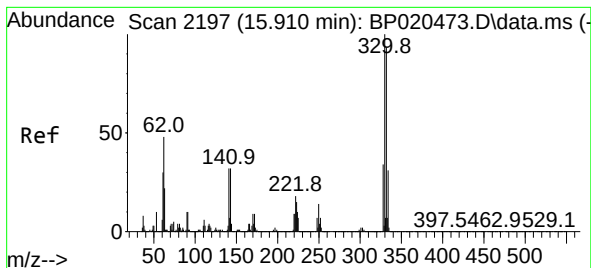
Tgt Ion:122 Resp: 9034
Ion Ratio Lower Upper
122 100
105 119.5 107.5 147.5
77 221.9 76.1 116.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.011 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion:164 Resp: 509891
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 44.0 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 147.193 ng

RT: 15.893 min Scan# 21

Delta R.T. -0.017 min

Lab File: BP020590.D

Acq: 11 Jun 2024 16:26

Instrument :

BNA_P

ClientSampleId :

MW-3

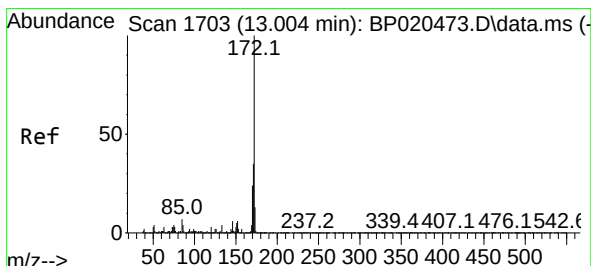
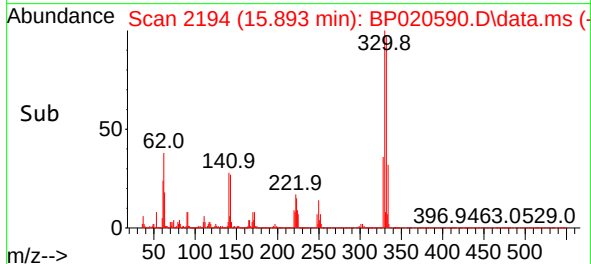
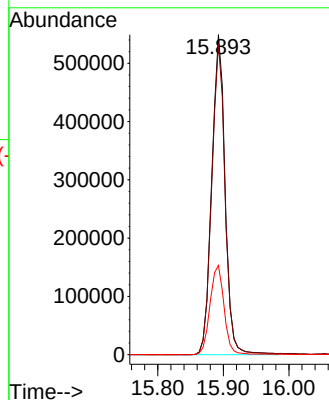
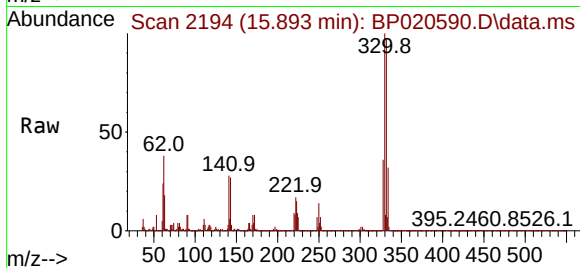
Tgt Ion:330 Resp: 778899

Ion Ratio Lower Upper

330 100

332 97.5 76.6 114.8

141 29.6 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 68.596 ng

RT: 12.987 min Scan# 1700

Delta R.T. -0.018 min

Lab File: BP020590.D

Acq: 11 Jun 2024 16:26

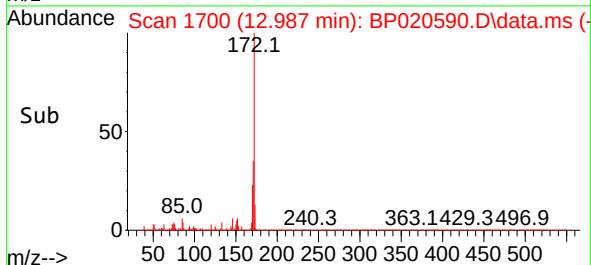
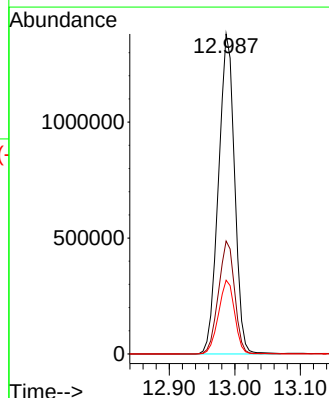
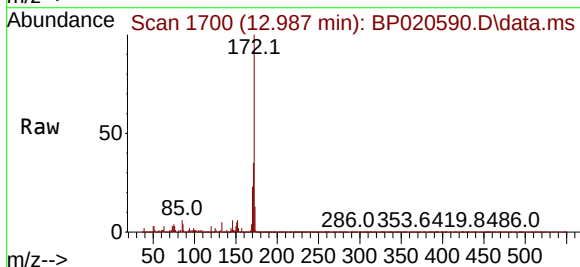
Tgt Ion:172 Resp: 2346258

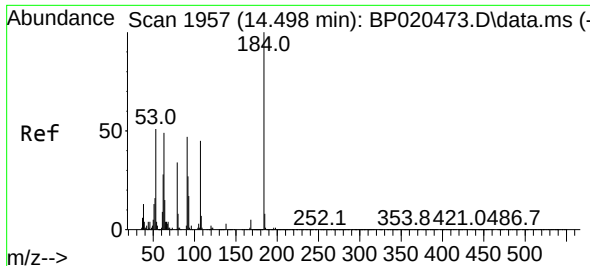
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.1 18.9 28.3

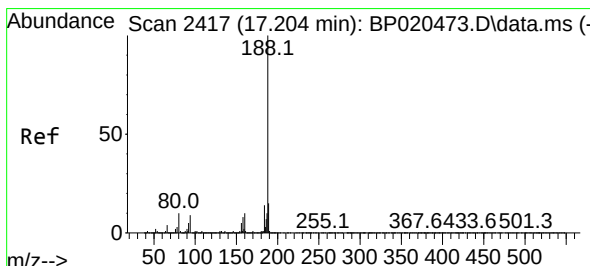
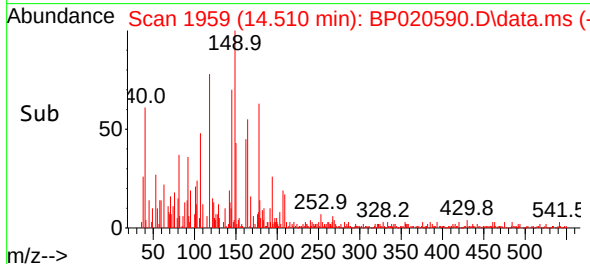
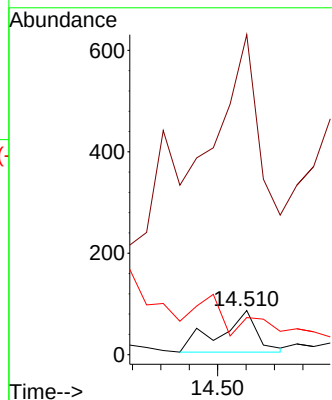
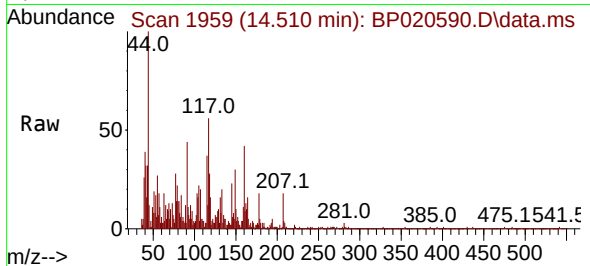




#54
2,4-Dinitrophenol
Concen: 5.002 ng
RT: 14.510 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

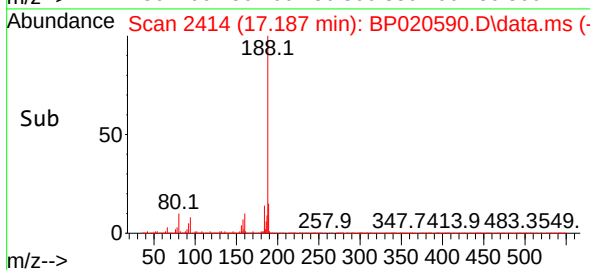
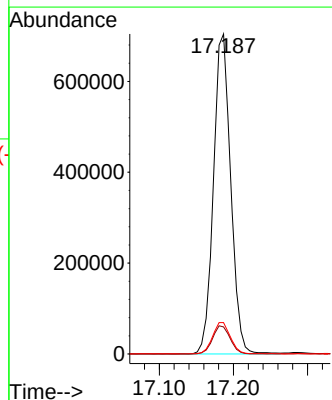
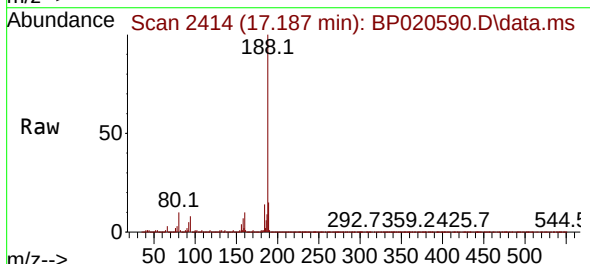
Instrument :
BNA_P
ClientSampleId :
MW-3

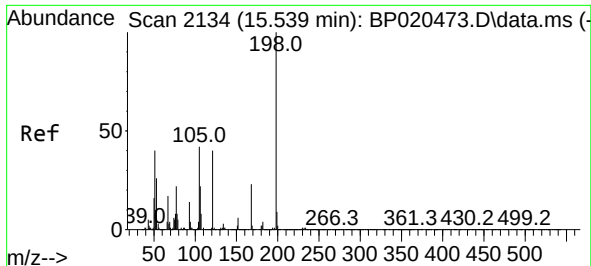
Tgt Ion:184	Resp:	76
Ion Ratio	Lower	Upper
184	100	
63	725.3	54.2 81.4#
154	83.9	51.0 76.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.187 min Scan# 2414
Delta R.T. -0.018 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion:188	Resp:	1137109
Ion Ratio	Lower	Upper
188	100	
94	8.4	7.2 10.8
80	9.8	8.1 12.1

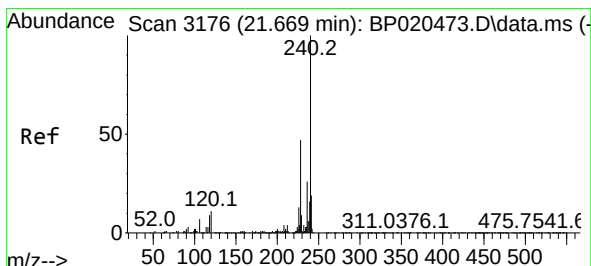
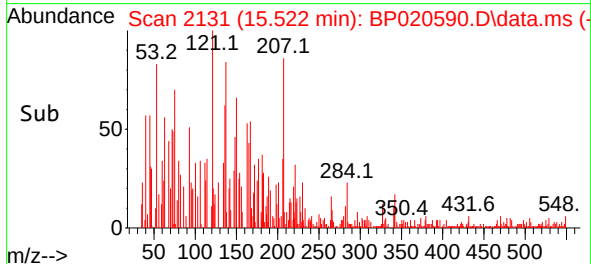
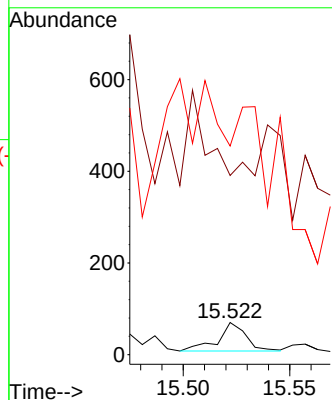
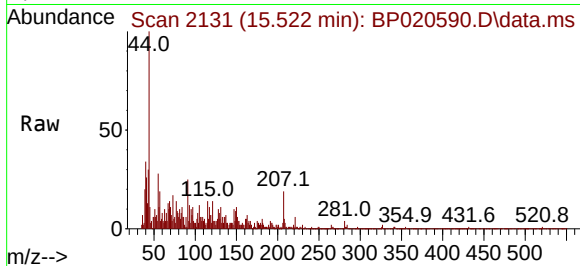




#65
4,6-Dinitro-2-methylphenol
Concen: 7.663 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.017 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

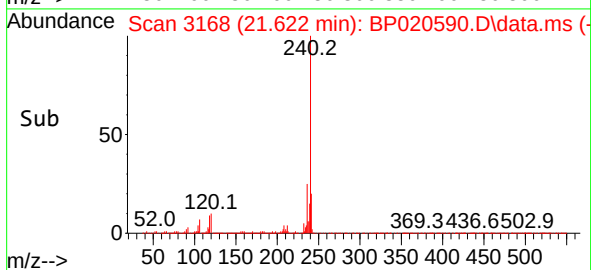
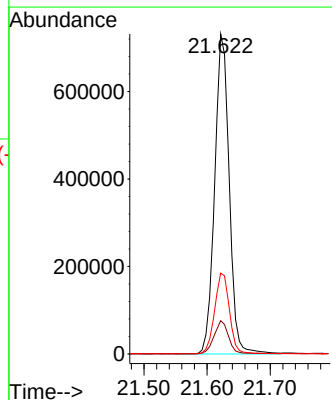
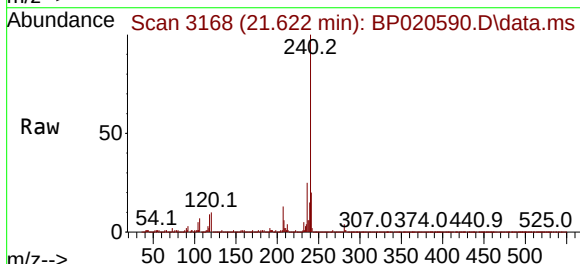
Instrument :
BNA_P
ClientSampleId :
MW-3

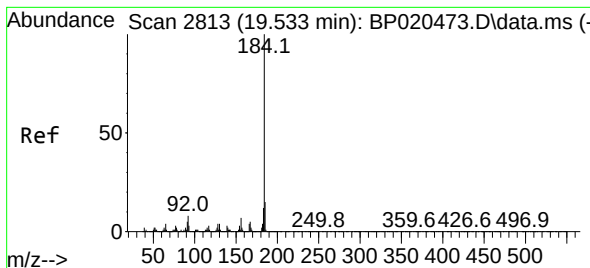
Tgt Ion:198 Resp: 57
Ion Ratio Lower Upper
198 100
51 558.6 24.8 64.8#
105 650.0 23.2 63.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.622 min Scan# 3168
Delta R.T. -0.047 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion:240 Resp: 1169514
Ion Ratio Lower Upper
240 100
120 10.4 8.5 12.7
236 25.2 20.5 30.7





#77

Benzidine

Concen: 5.976 ng

RT: 19.463 min Scan# 2801

Delta R.T. -0.070 min

Lab File: BP020590.D

Acq: 11 Jun 2024 16:26

Instrument :

BNA_P

ClientSampleId :

MW-3

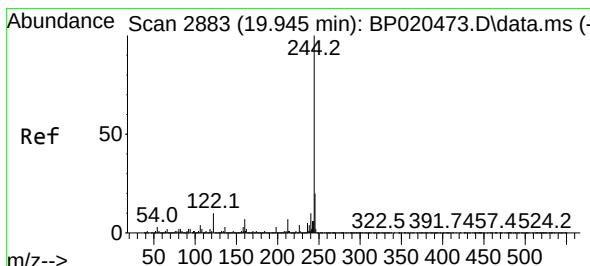
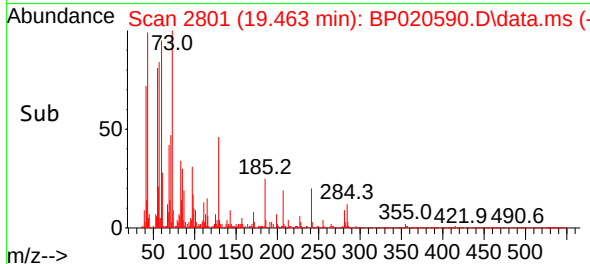
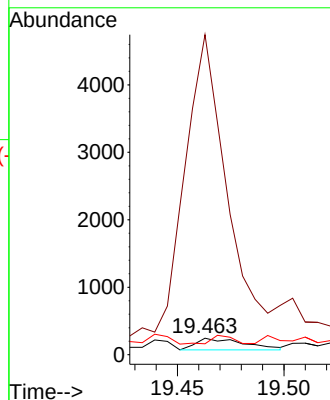
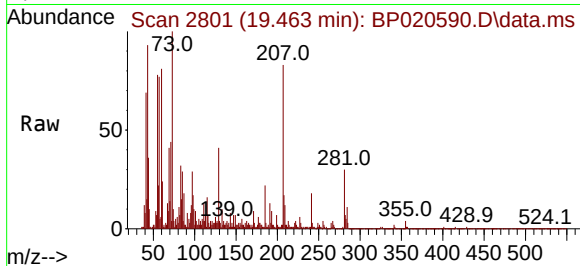
Tgt Ion:184 Resp: 273

Ion Ratio Lower Upper

184 100

185 1936.3 12.0 18.0#

183 66.1 9.4 14.0#



#79

Terphenyl-d14

Concen: 62.171 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.029 min

Lab File: BP020590.D

Acq: 11 Jun 2024 16:26

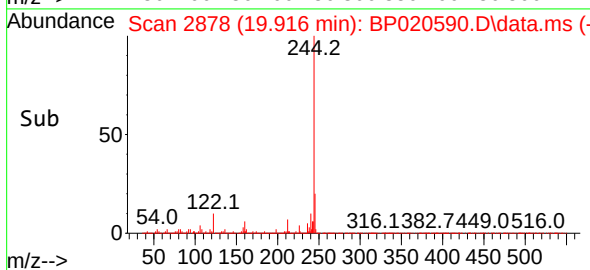
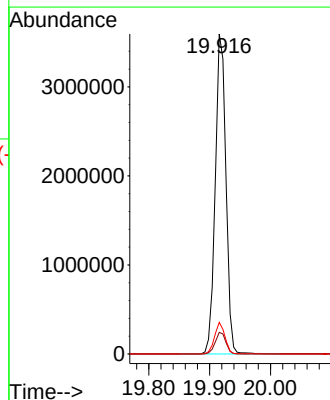
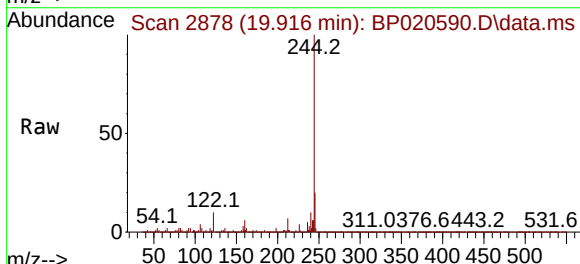
Tgt Ion:244 Resp: 4367659

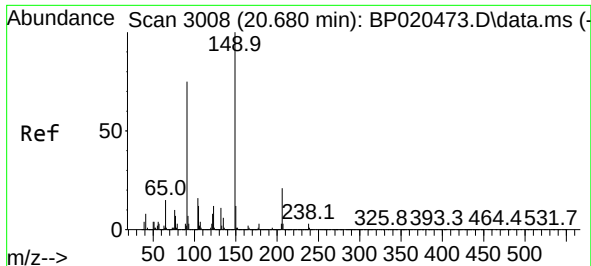
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.9 8.2 12.2

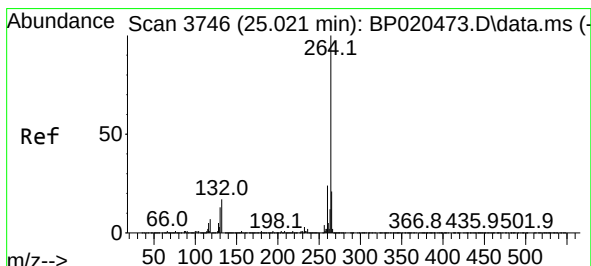
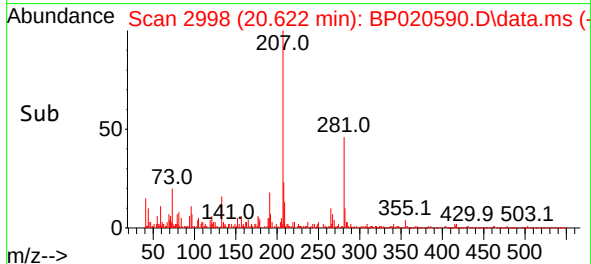
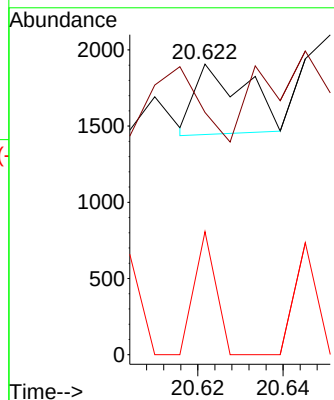
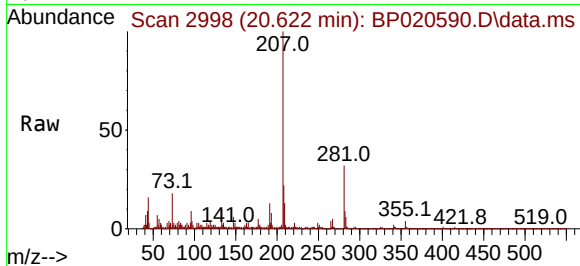




#80
Butylbenzylphthalate
Concen: 2.441 ng
RT: 20.622 min Scan# 2998
Delta R.T. -0.058 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Instrument :
BNA_P
ClientSampleId :
MW-3

Tgt Ion:149 Resp: 382
Ion Ratio Lower Upper
149 100
91 83.4 60.0 90.0
206 42.4 16.6 25.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.980 min Scan# 3739
Delta R.T. -0.041 min
Lab File: BP020590.D
Acq: 11 Jun 2024 16:26

Tgt Ion:264 Resp: 1316856
Ion Ratio Lower Upper
264 100
260 22.9 18.9 28.3
265 22.0 17.4 26.0

