

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009202.D
 Acq On : 17 Feb 2022 18:58
 Operator : CG/JU
 Sample : N1575-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-9R

Quant Time: Feb 18 01:54:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

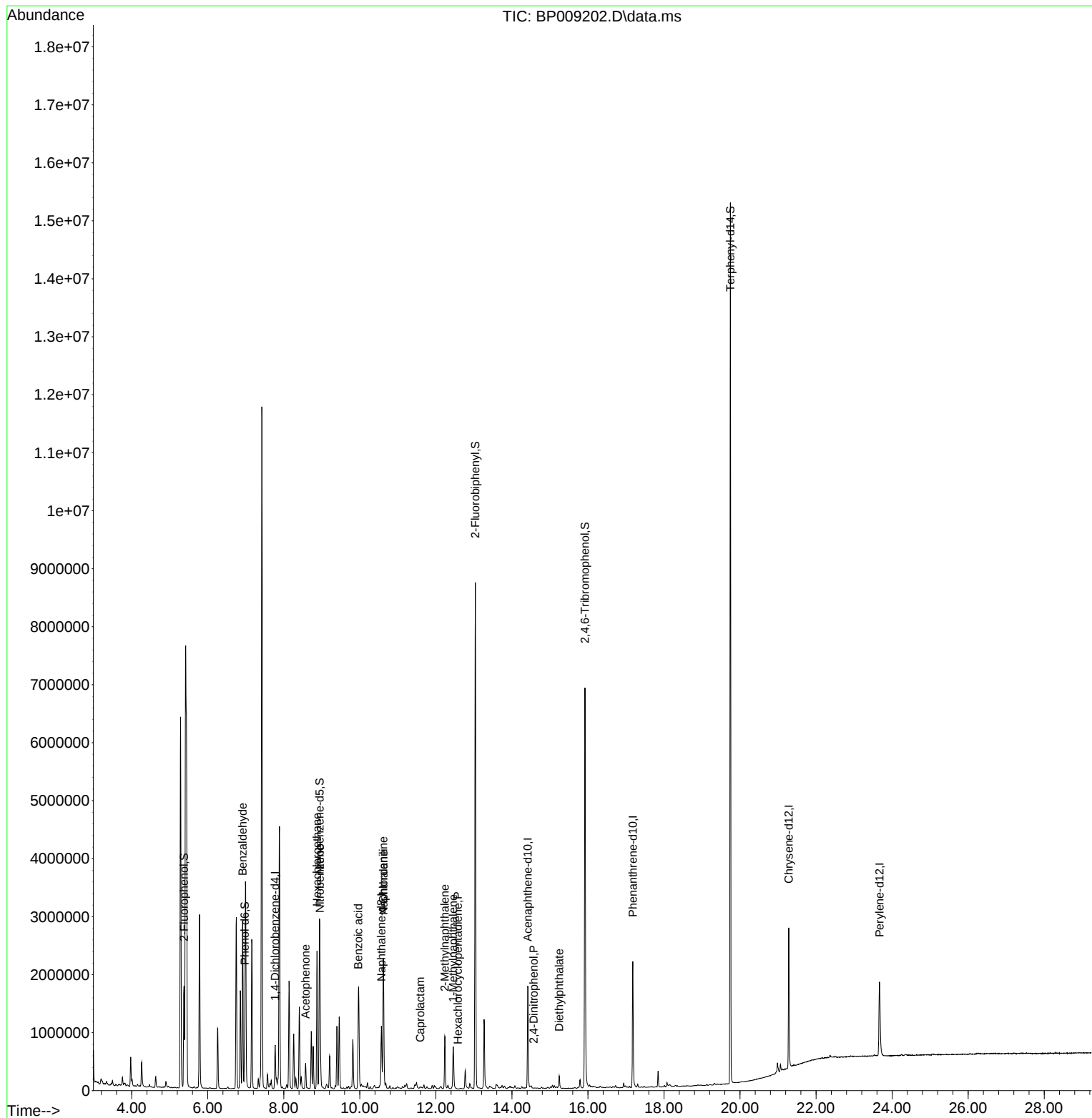
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	235098	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	933492	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	676964	20.000	ng	-0.01
64) Phenanthrene-d10	17.180	188	1502064	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1370287	20.000	ng	0.00
86) Perylene-d12	23.668	264	1188734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	966979	73.370	ng	0.00
7) Phenol-d6	6.975	99	723335	41.652	ng	0.00
23) Nitrobenzene-d5	8.940	82	1672273	101.025	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1709213	189.100	ng	-0.01
45) 2-Fluorobiphenyl	13.040	172	4883024	100.976	ng	-0.01
79) Terphenyl-d14	19.745	244	7710245	101.187	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.916	77	210713	23.954	ng	# 1
18) Hexachloroethane	8.875	117	226492	38.934	ng	# 1
22) Acetophenone	8.575	105	329257	15.088	ng	# 60
24) Nitrobenzene	8.951	77	33043	2.112	ng	# 8
31) Naphthalene	10.622	128	1985170	41.695	ng	100
32) Benzoic acid	9.957	122	333	2.728	ng	# 1
33) 4-Chloroaniline	10.616	127	261400	13.597	ng	# 34
35) Caprolactam	11.587	113	10528	2.374	ng	# 72
37) 2-Methylnaphthalene	12.234	142	495785	14.715	ng	99
38) 1-Methylnaphthalene	12.457	142	358815	10.899	ng	98
41) Hexachlorocyclopentadiene	12.581	237	19	8.658	ng	90
54) 2,4-Dinitrophenol	14.575	184	13	2.169	ng	# 1
60) Diethylphthalate	15.245	149	125928	2.760	ng	98

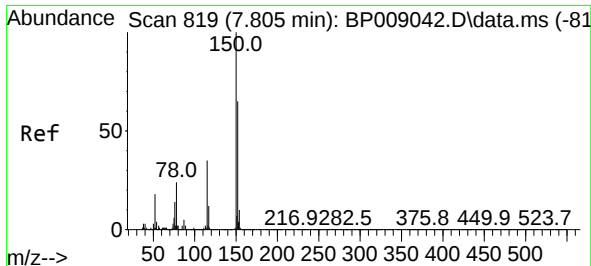
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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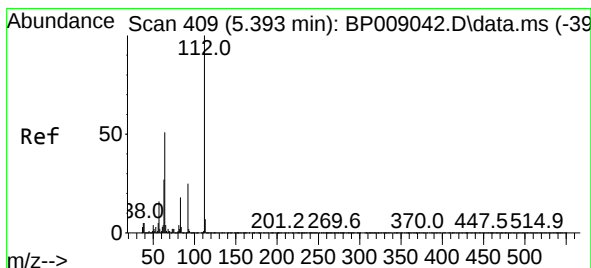
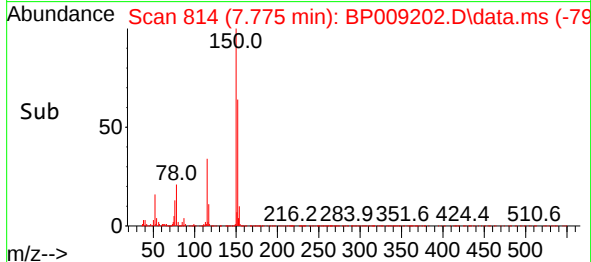
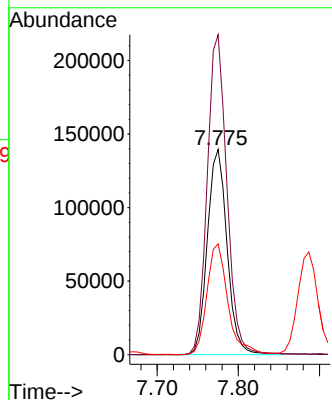
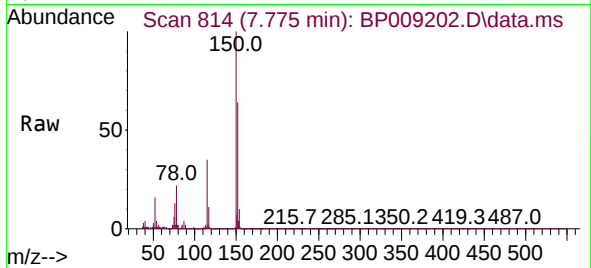




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

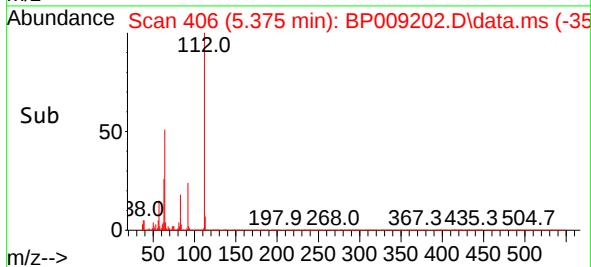
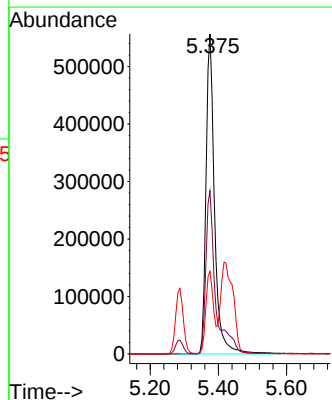
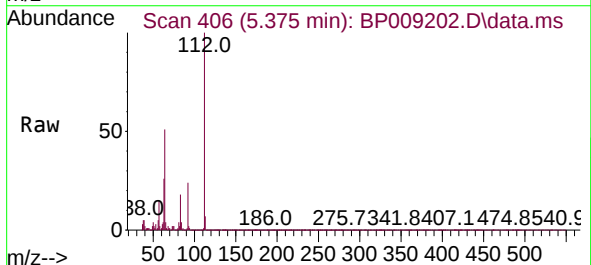
Instrument :
BNA_P
ClientSampleId :
MW-9R

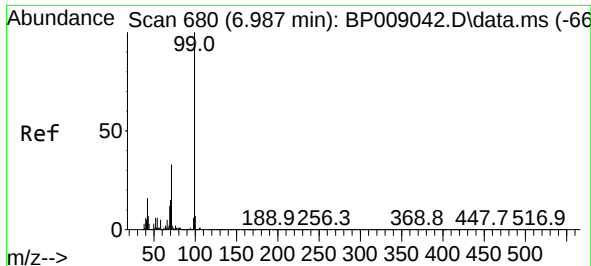
Tgt Ion:152 Resp: 235098
Ion Ratio Lower Upper
152 100
150 155.9 127.0 190.6
115 54.0 43.7 65.5



#5
2-Fluorophenol
Concen: 73.370 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:112 Resp: 966979
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 25.8 20.0 30.0

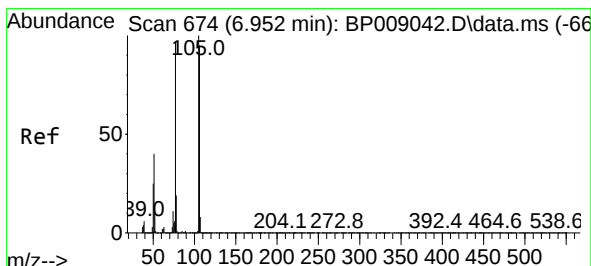
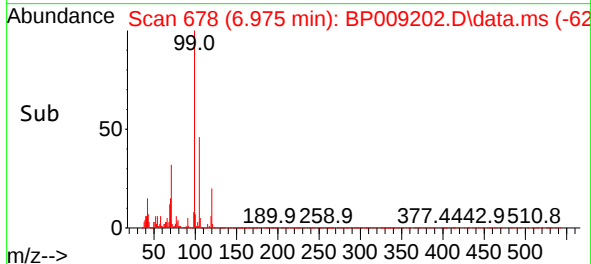
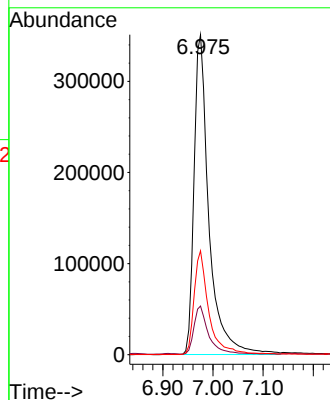
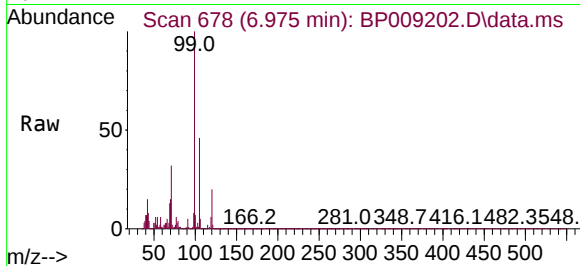




#7
Phenol-d6
Concen: 41.652 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

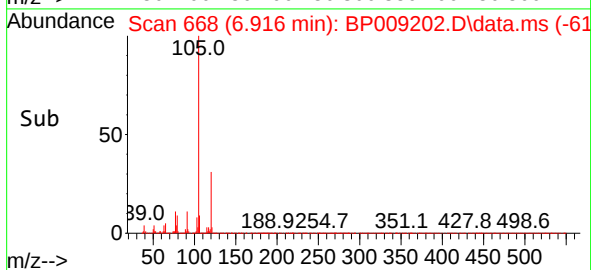
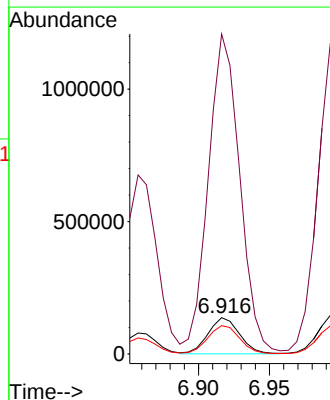
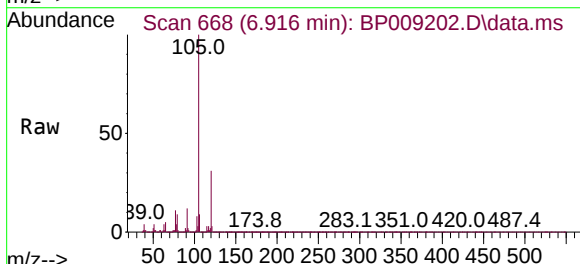
Instrument :
BNA_P
ClientSampleId :
MW-9R

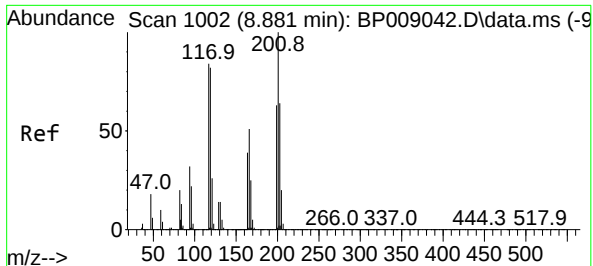
Tgt Ion: 99 Resp: 723335
Ion Ratio Lower Upper
99 100
42 15.2 10.8 16.2
71 32.5 23.8 35.6



#9
Benzaldehyde
Concen: 23.954 ng
RT: 6.916 min Scan# 668
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion: 77 Resp: 210713
Ion Ratio Lower Upper
77 100
105 881.0 84.2 124.2#
106 78.2 80.6 120.6#

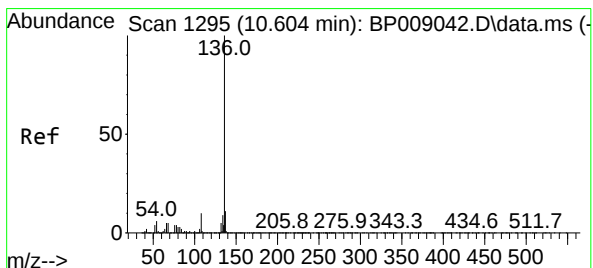
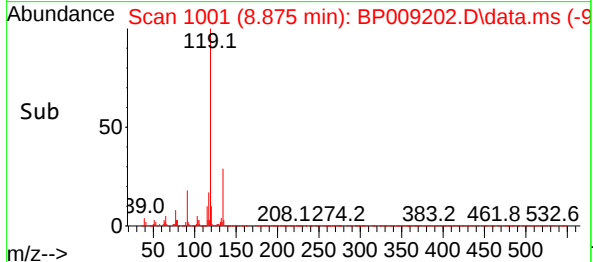
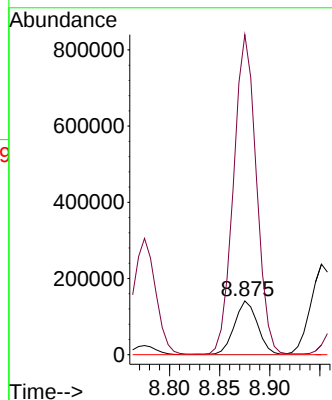
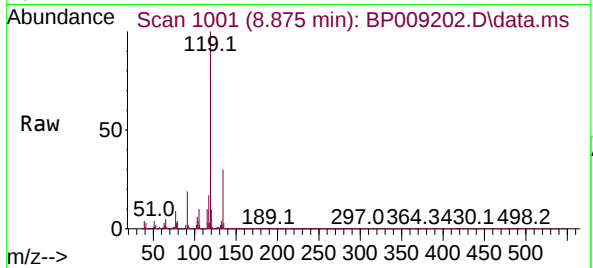




#18
Hexachloroethane
Concen: 38.934 ng
RT: 8.875 min Scan# 1001
Delta R.T. 0.018 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

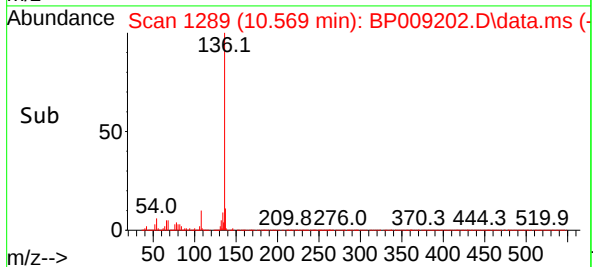
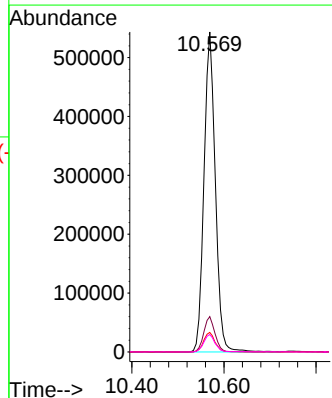
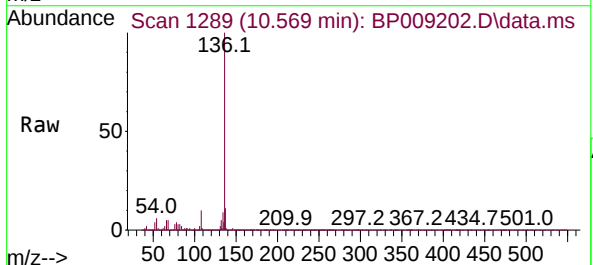
Instrument :
BNA_P
ClientSampleId :
MW-9R

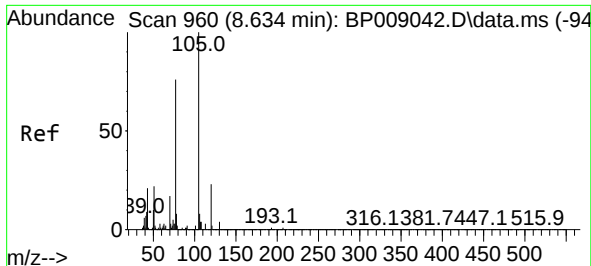
Tgt Ion:117 Resp: 226492
Ion Ratio Lower Upper
117 100
119 594.7 76.9 115.3#
201 0.0 93.7 140.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:136 Resp: 933492
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.1 4.9 7.3
68 5.4 4.3 6.5

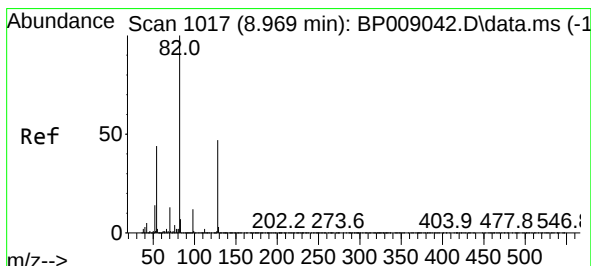
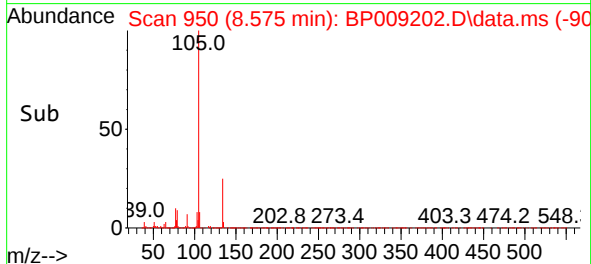
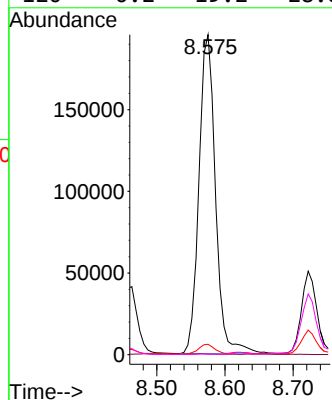
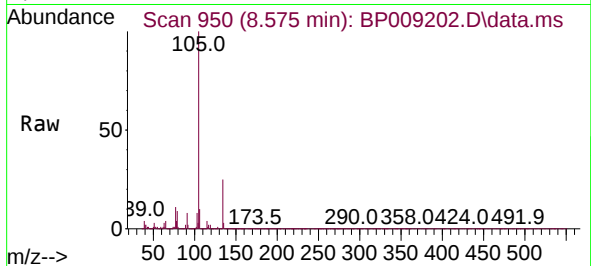




#22
Acetophenone
Concen: 15.088 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

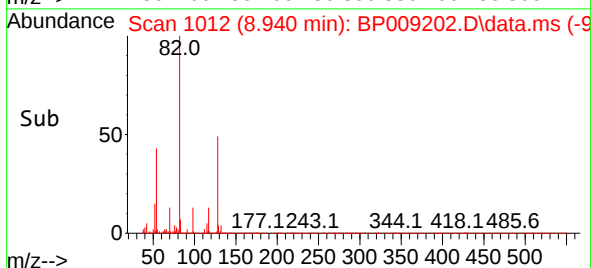
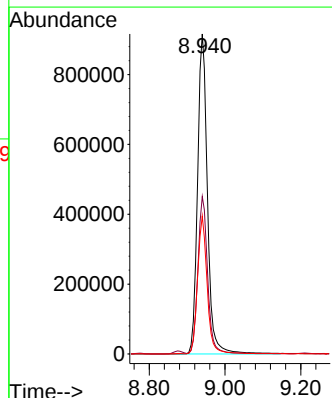
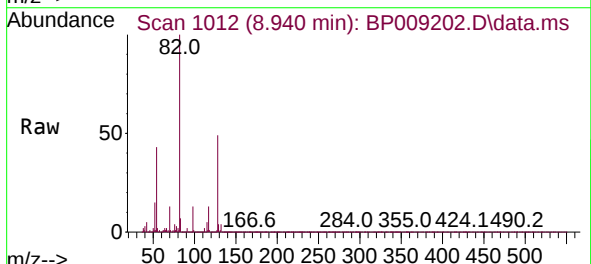
Instrument :
BNA_P
ClientSampleId :
MW-9R

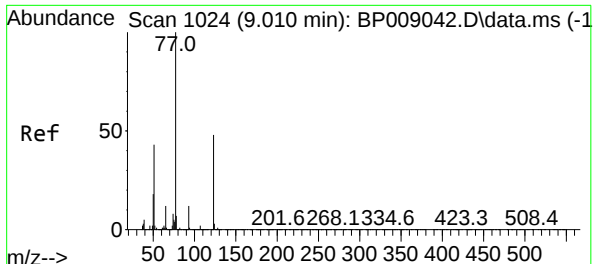
Tgt Ion:105 Resp: 329257
Ion Ratio Lower Upper
105 100
71 0.2 5.3 7.9#
51 3.3 16.3 24.5#
120 0.2 19.2 28.8#



#23
Nitrobenzene-d5
Concen: 101.025 ng
RT: 8.940 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion: 82 Resp: 1672273
Ion Ratio Lower Upper
82 100
128 49.2 39.4 59.2
54 43.1 32.6 48.8





#24

Nitrobenzene

Concen: 2.112 ng

RT: 8.951 min Scan# 1014

Delta R.T. -0.041 min

Lab File: BP009202.D

Acq: 17 Feb 2022 18:58

Instrument :

BNA_P

ClientSampleId :

MW-9R

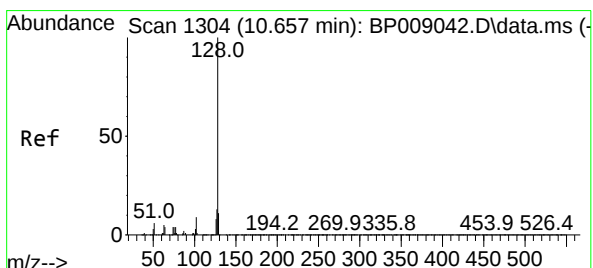
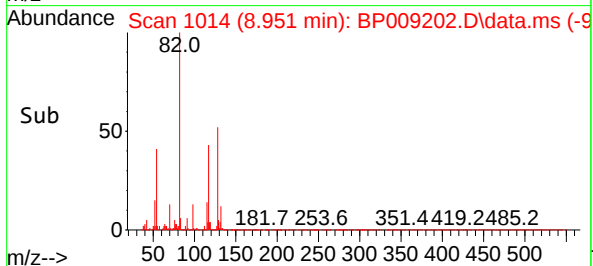
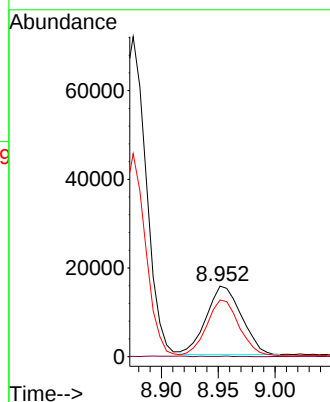
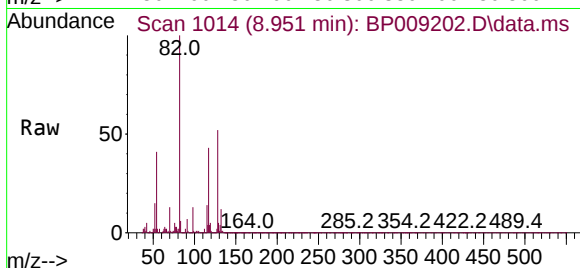
Tgt Ion: 77 Resp: 33043

Ion Ratio Lower Upper

77 100

123 0.5 41.4 62.2#

65 80.2 9.8 14.8#



#31

Naphthalene

Concen: 41.695 ng

RT: 10.622 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BP009202.D

Acq: 17 Feb 2022 18:58

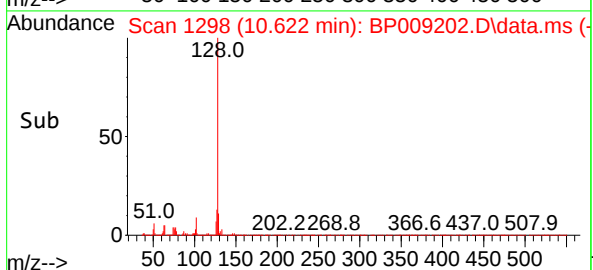
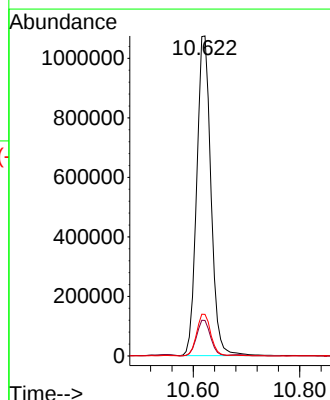
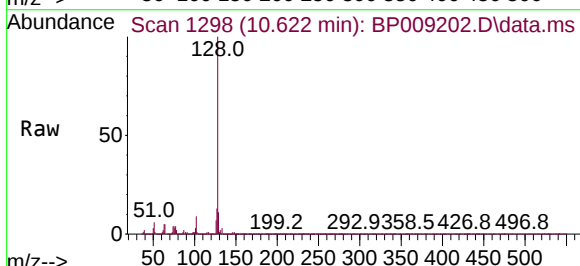
Tgt Ion:128 Resp: 1985170

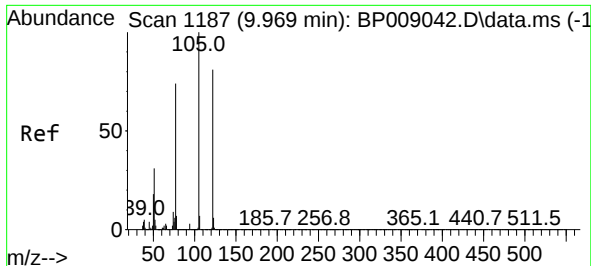
Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

127 13.0 10.4 15.6

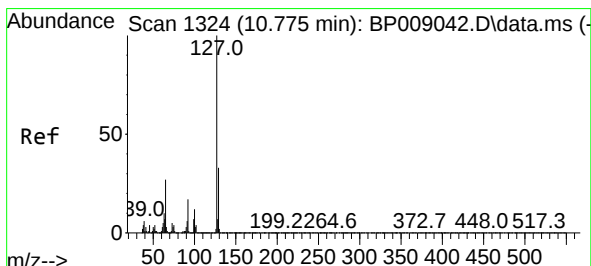
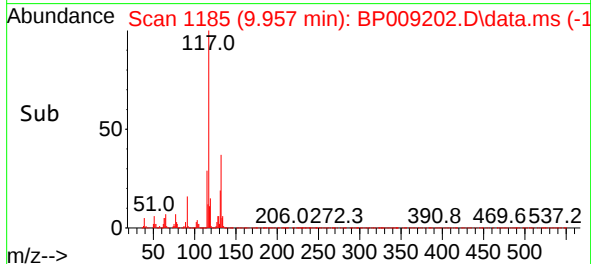
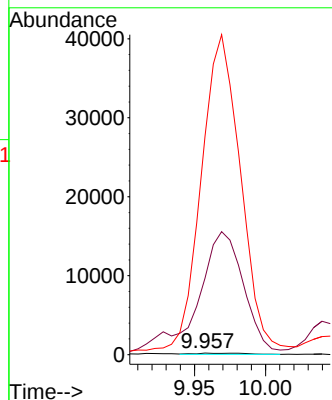
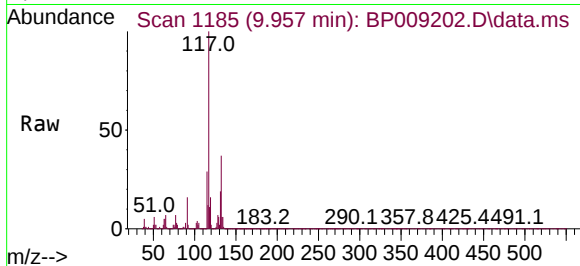




#32
Benzoic acid
Concen: 2.728 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.035 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

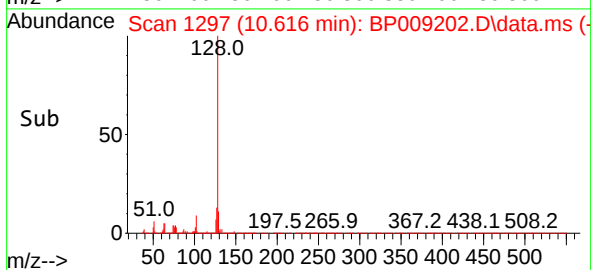
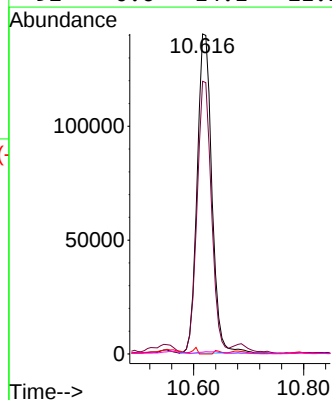
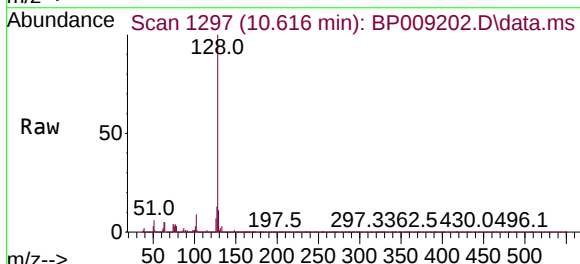
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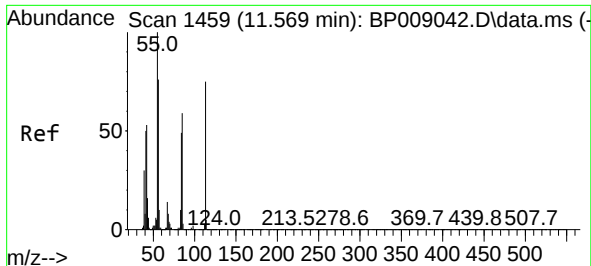
Tgt Ion:122 Resp: 333
Ion Ratio Lower Upper
122 100
105 4967.2 100.1 140.1#
77 14174.4 65.5 105.5#



#33
4-Chloroaniline
Concen: 13.597 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.135 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:127 Resp: 261400
Ion Ratio Lower Upper
127 100
129 85.2 26.0 39.0#
65 0.0 20.5 30.7#
92 0.6 14.1 21.1#

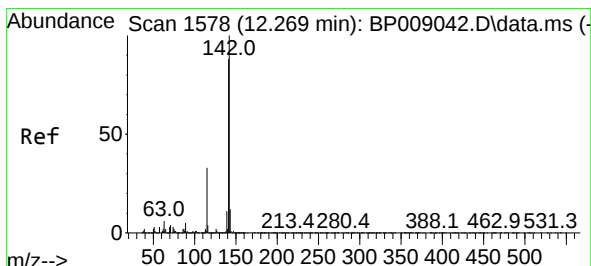
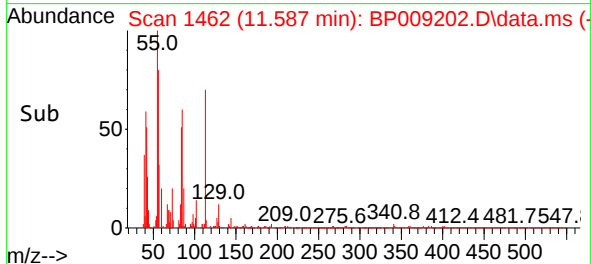
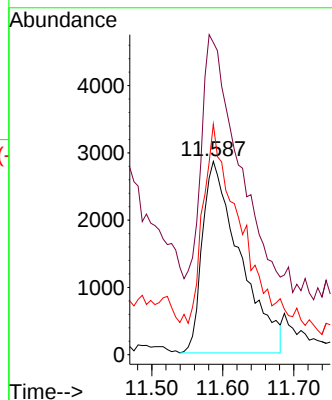
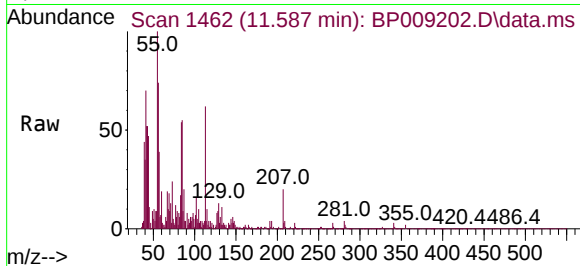




#35
Caprolactam
Concen: 2.374 ng
RT: 11.587 min Scan# 1459
Delta R.T. 0.018 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

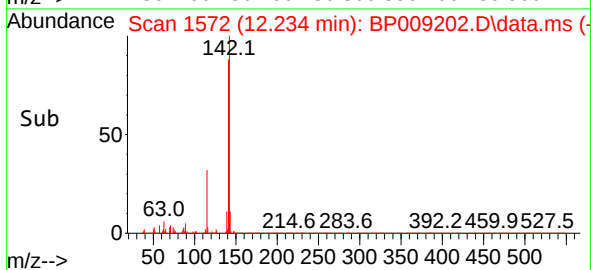
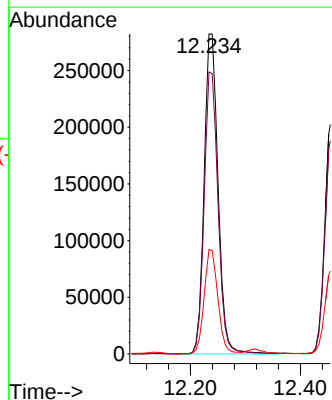
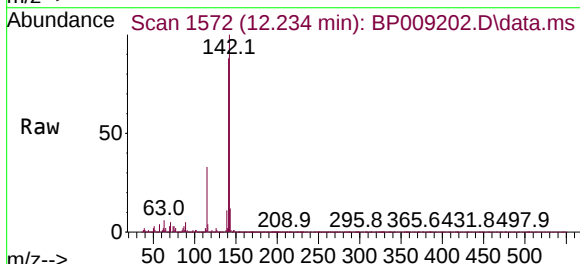
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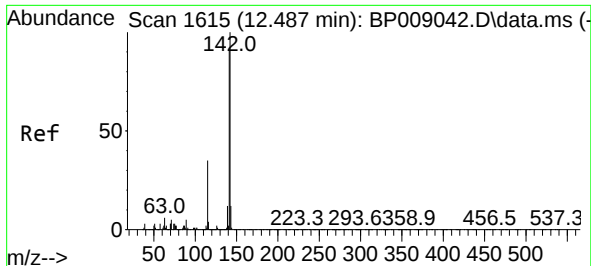
Tgt Ion:113 Resp: 10528
Ion Ratio Lower Upper
113 100
55 161.5 107.1 147.1#
56 119.3 74.1 114.1#



#37
2-Methylnaphthalene
Concen: 14.715 ng
RT: 12.234 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:142 Resp: 495785
Ion Ratio Lower Upper
142 100
141 88.1 70.5 105.7
115 32.7 24.6 36.8

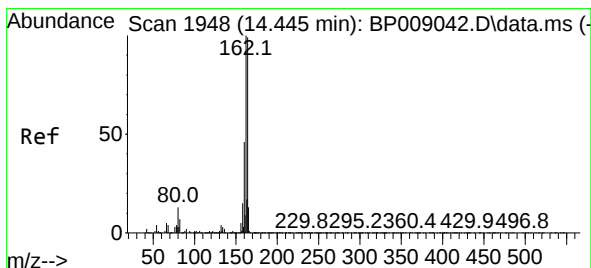
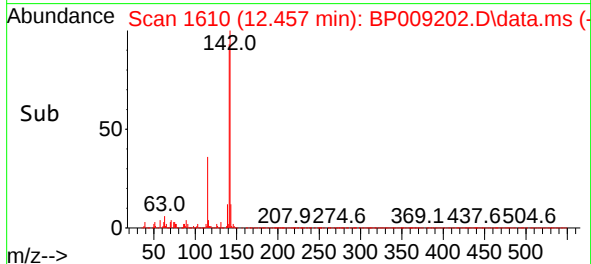
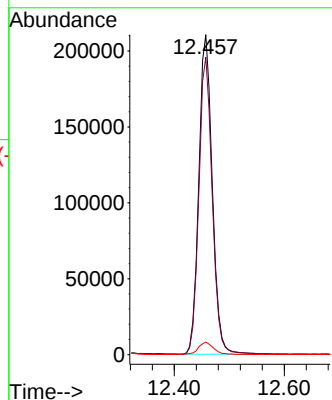
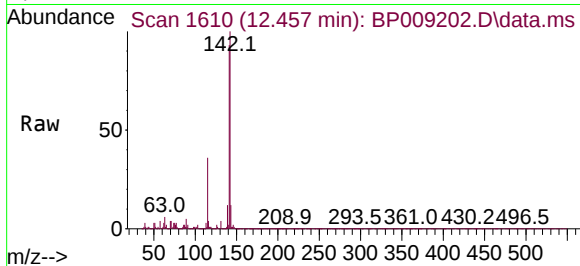




#38
1-Methylnaphthalene
Concen: 10.899 ng
RT: 12.457 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

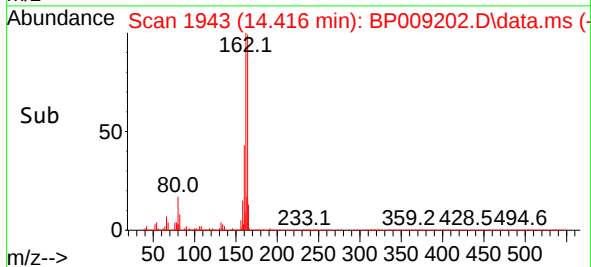
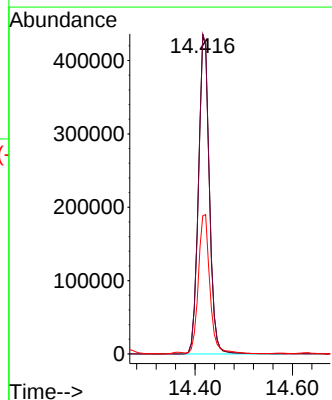
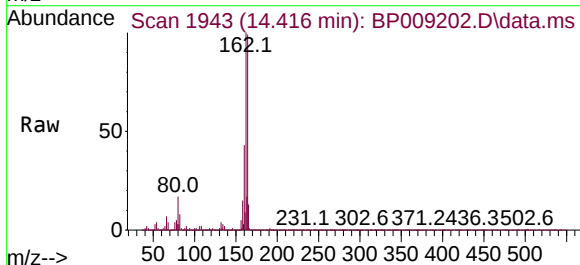
Instrument :
BNA_P
ClientSampleId :
MW-9R

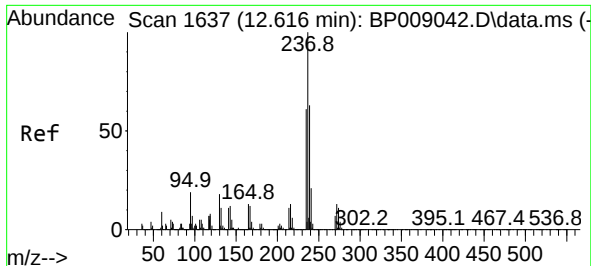
Tgt Ion:142 Resp: 358815
Ion Ratio Lower Upper
142 100
141 93.0 73.2 109.8
116 4.0 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:164 Resp: 676964
Ion Ratio Lower Upper
164 100
162 101.0 79.9 119.9
160 43.6 35.5 53.3

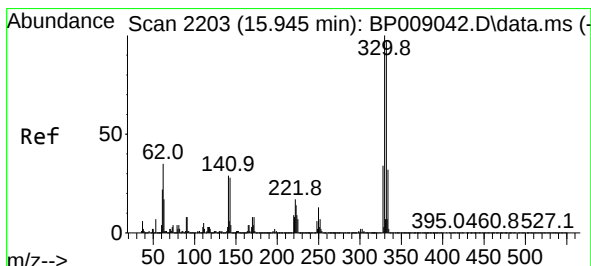
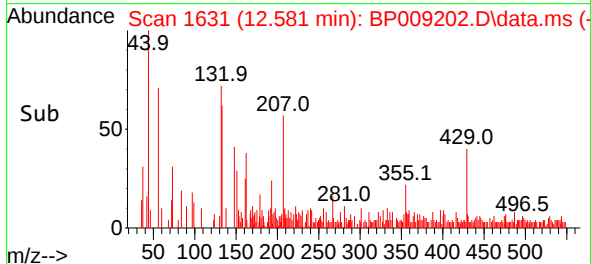
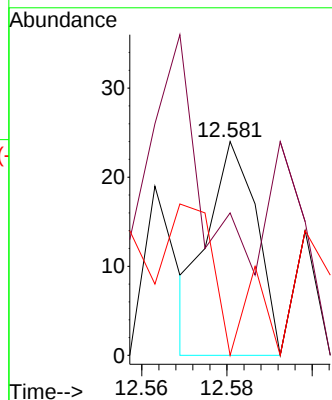
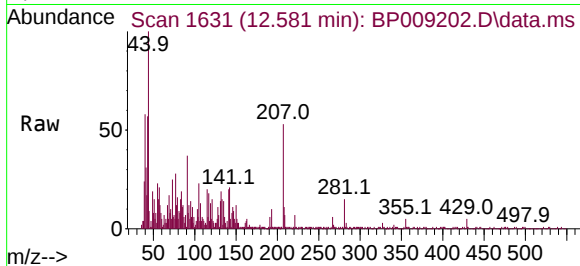




#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.581 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

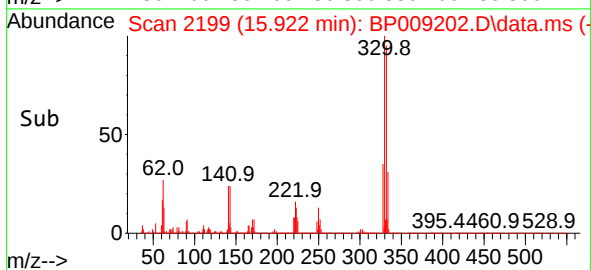
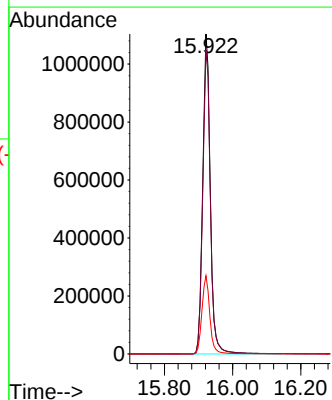
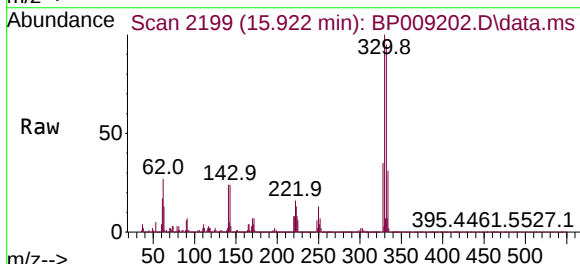
Instrument :
BNA_P
ClientSampleId :
MW-9R

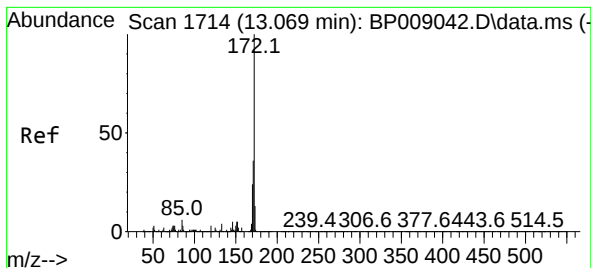
Tgt Ion:	237	Resp:	19
Ion	Ratio	Lower	Upper
237	100		
235	66.7	42.9	82.9
272	0.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 189.100 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:	330	Resp:	1709213
Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.4
141	25.4	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 100.976 ng

RT: 13.040 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009202.D

Acq: 17 Feb 2022 18:58

Instrument :

BNA_P

ClientSampleId :

MW-9R

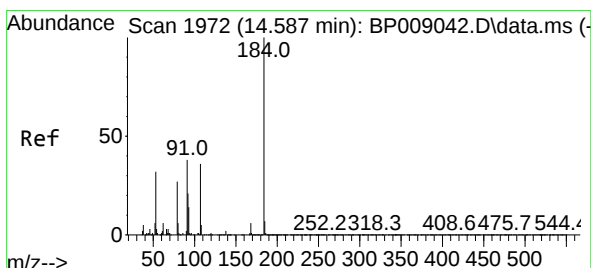
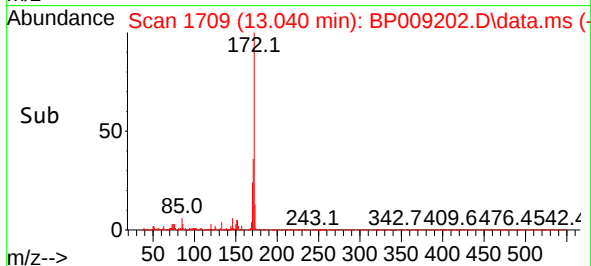
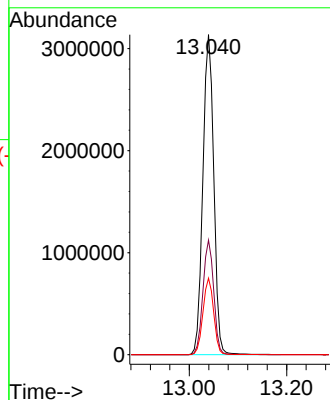
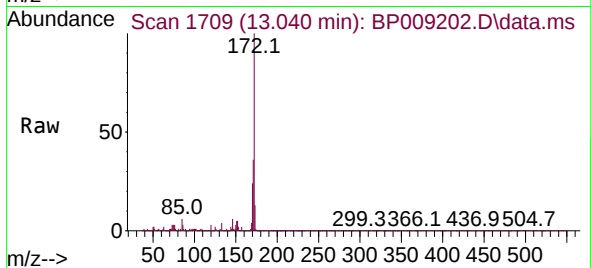
Tgt Ion:172 Resp: 4883024

Ion Ratio Lower Upper

172 100

171 35.8 29.3 43.9

170 23.9 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 2.169 ng

RT: 14.575 min Scan# 1970

Delta R.T. -0.012 min

Lab File: BP009202.D

Acq: 17 Feb 2022 18:58

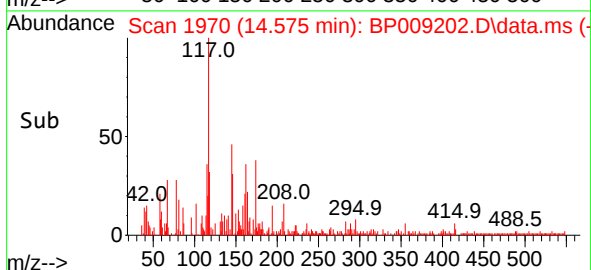
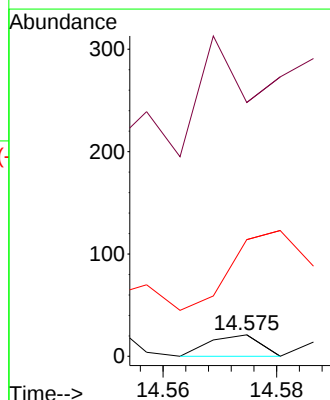
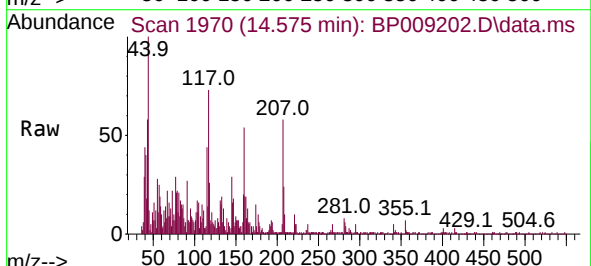
Tgt Ion:184 Resp: 13

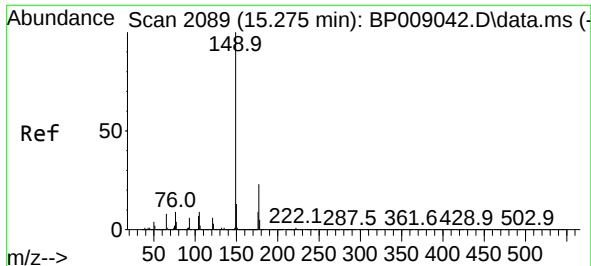
Ion Ratio Lower Upper

184 100

63 1181.0 35.6 53.4#

154 542.9 43.4 65.0#

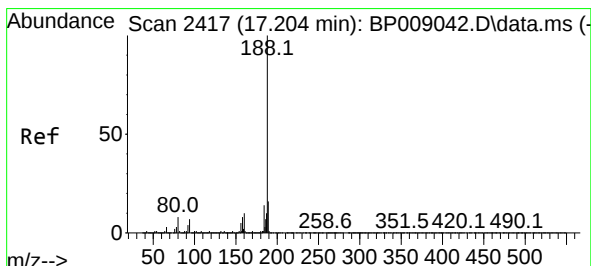
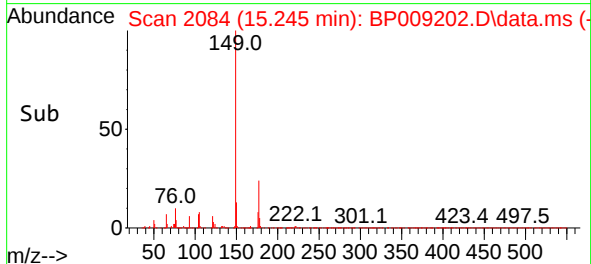
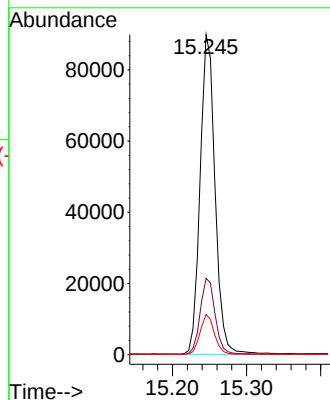
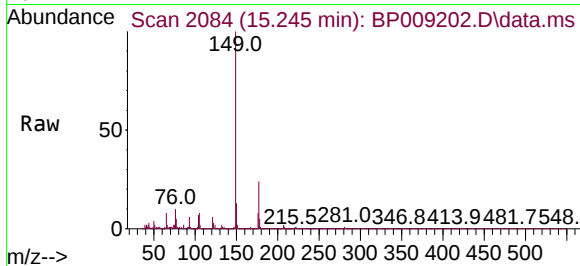




#60
Diethylphthalate
Concen: 2.760 ng
RT: 15.245 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

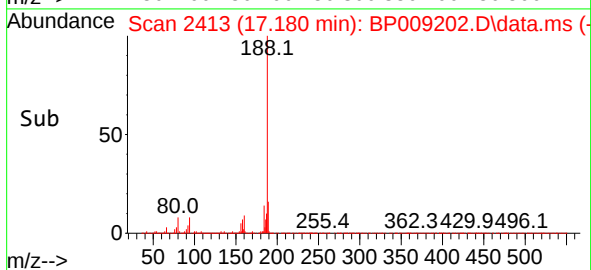
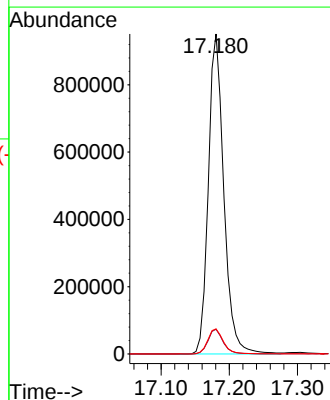
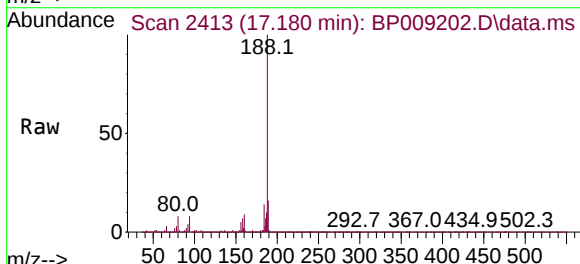
Instrument :
BNA_P
ClientSampleId :
MW-9R

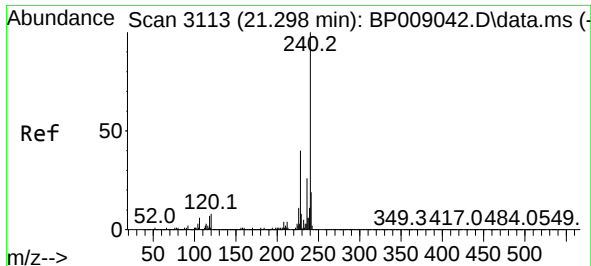
Tgt Ion:149 Resp: 125928
Ion Ratio Lower Upper
149 100
177 23.9 19.9 29.9
150 12.6 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:188 Resp: 1502064
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 7.9 7.2 10.8

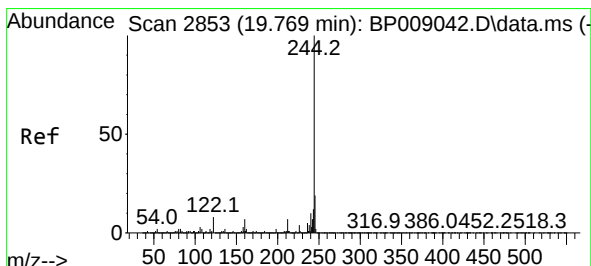
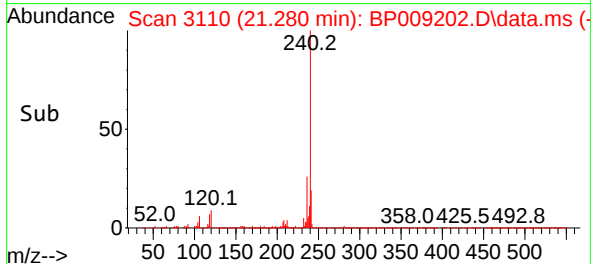
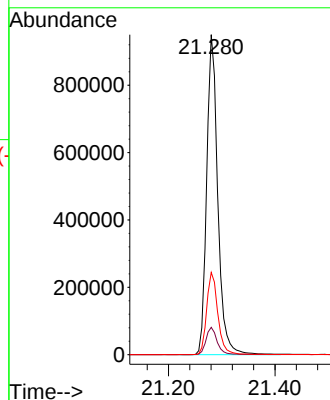
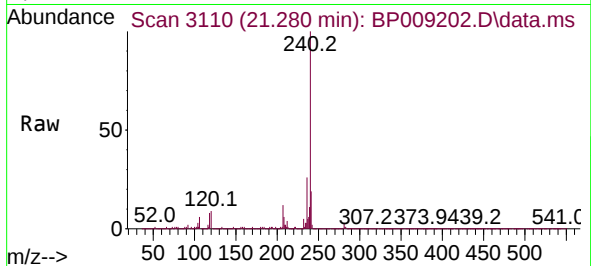




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

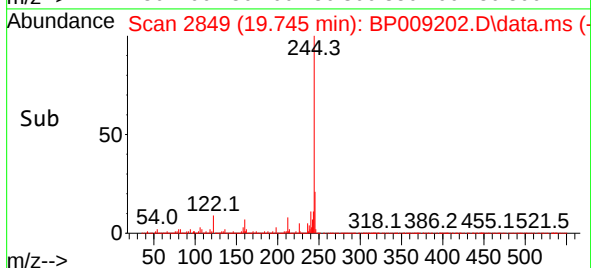
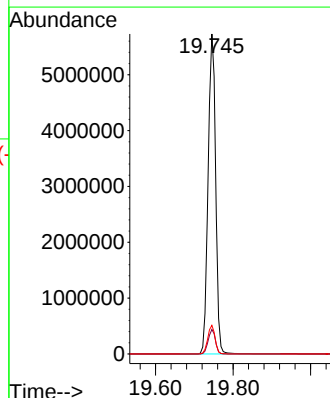
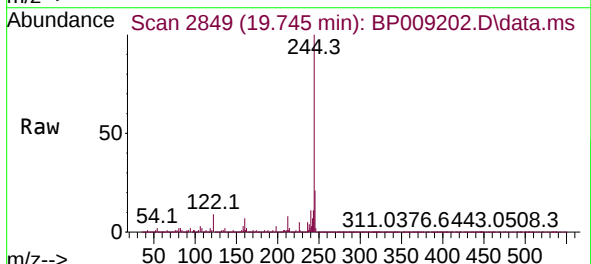
Instrument :
BNA_P
ClientSampleId :
MW-9R

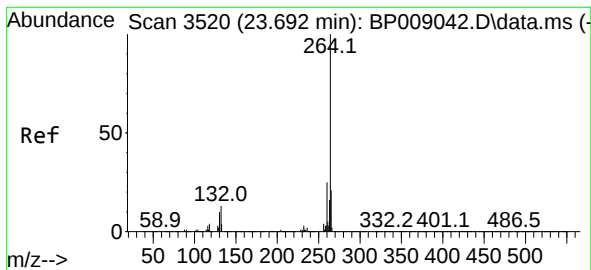
Tgt Ion:240 Resp: 1370287
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 25.7 21.2 31.8



#79
Terphenyl-d14
Concen: 101.187 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009202.D
Acq: 17 Feb 2022 18:58

Tgt Ion:244 Resp: 7710245
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.0 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.668 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009202.D

Acq: 17 Feb 2022 18:58

Instrument :

BNA_P

ClientSampleId :

MW-9R

Tgt Ion:264 Resp: 1188734

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.2 17.1 25.7

