

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009204.D
 Acq On : 17 Feb 2022 20:06
 Operator : CG/JU
 Sample : N1575-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-24

Quant Time: Feb 18 01:55:30 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)

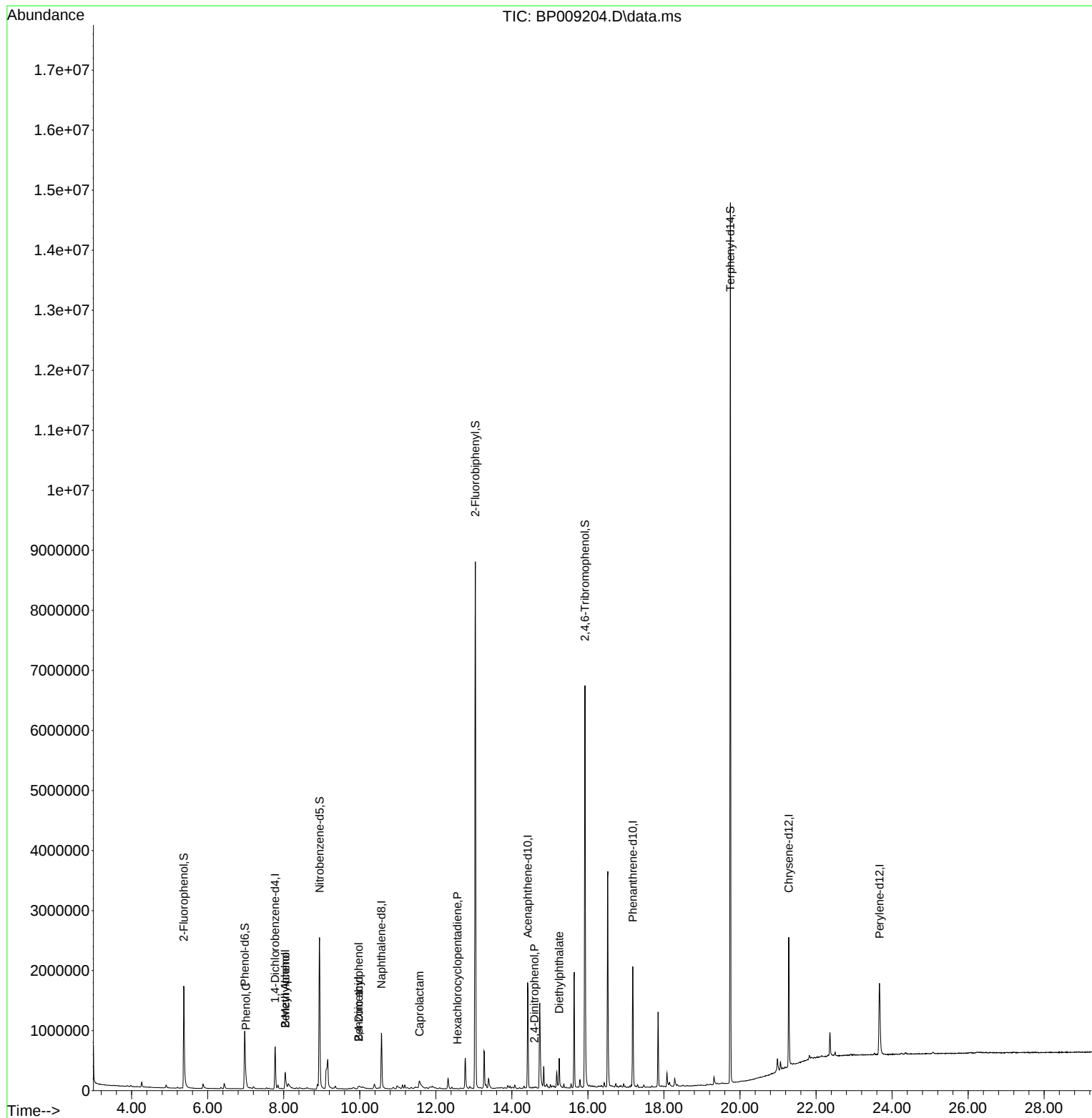
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	227585	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	895320	20.000	ng	-0.01
39) Acenaphthene-d10	14.416	164	641688	20.000	ng	-0.01
64) Phenanthrene-d10	17.181	188	1392400	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1263743	20.000	ng	0.00
86) Perylene-d12	23.669	264	1100385	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	1021223	80.043	ng	-0.01
7) Phenol-d6	6.975	99	794561	47.263	ng	0.00
23) Nitrobenzene-d5	8.940	82	1657865	104.424	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1611147	188.049	ng	-0.01
45) 2-Fluorobiphenyl	13.040	172	4709367	102.738	ng	-0.01
79) Terphenyl-d14	19.745	244	7170817	102.042	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.005	94	50426	2.983	ng	77
15) Benzyl Alcohol	8.040	79	145040	13.553	ng	97
17) 2-Methylphenol	8.040	107	83659	7.383	ng	# 20
27) 2,4-Dimethylphenol	9.969	122	39148	3.373	ng	# 7
32) Benzoic acid	9.969	122	60456	9.757	ng	94
35) Caprolactam	11.569	113	52289	12.295	ng	99
41) Hexachlorocyclopentadiene	12.569	237	42	8.661	ng	94
54) 2,4-Dinitrophenol	14.593	184	27	2.173	ng	# 1
60) Diethylphthalate	15.246	149	272608	6.303	ng	99

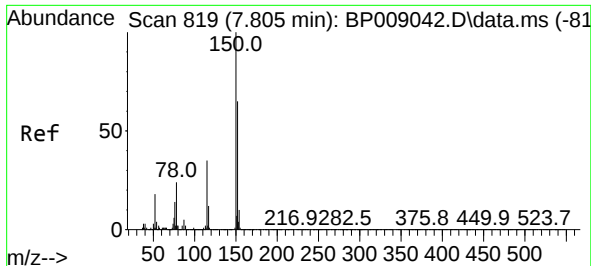
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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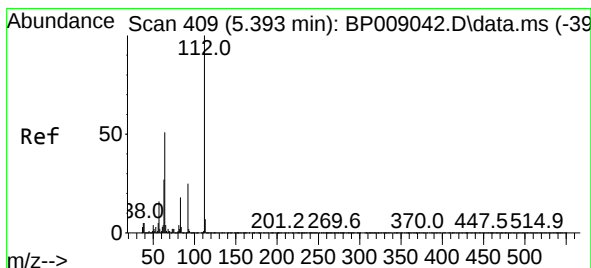
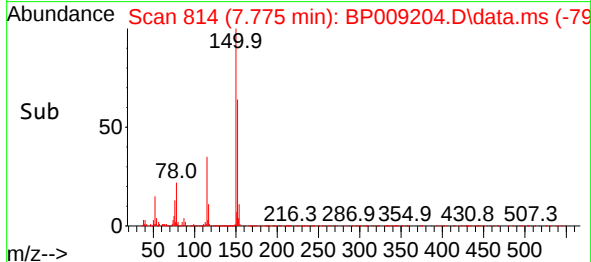
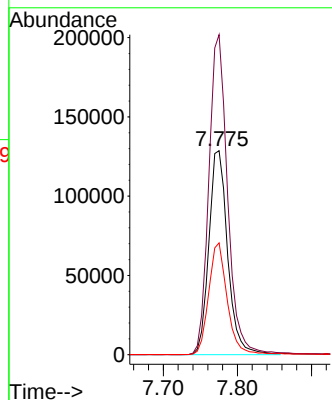
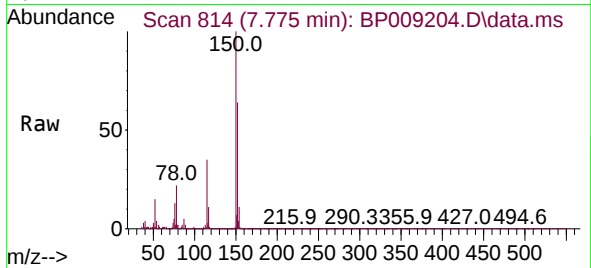




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

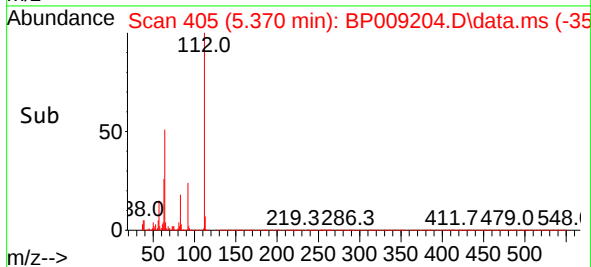
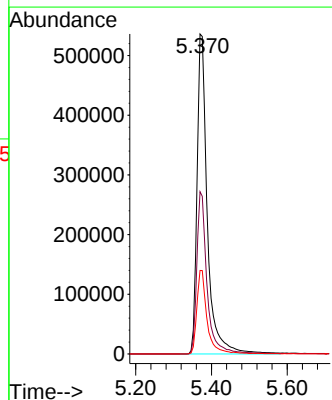
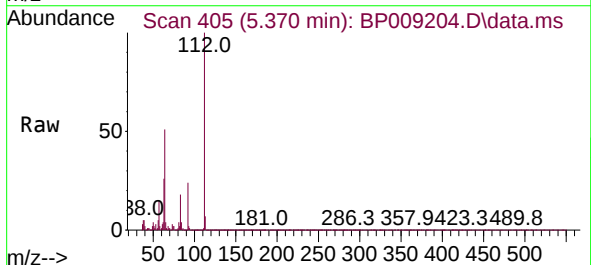
Instrument :
BNA_P
ClientSampleId :
MW-24

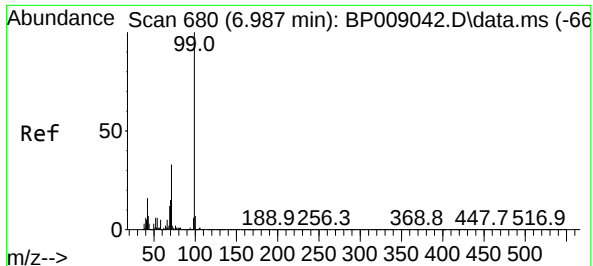
Tgt Ion:152 Resp: 227585
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 54.8 43.7 65.5



#5
2-Fluorophenol
Concen: 80.043 ng
RT: 5.370 min Scan# 405
Delta R.T. -0.012 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion:112 Resp: 1021223
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 26.1 20.0 30.0

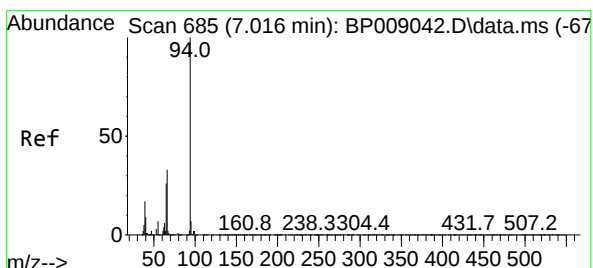
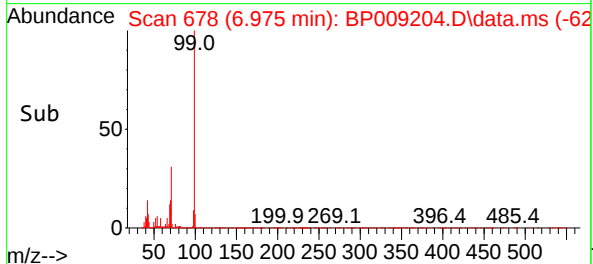
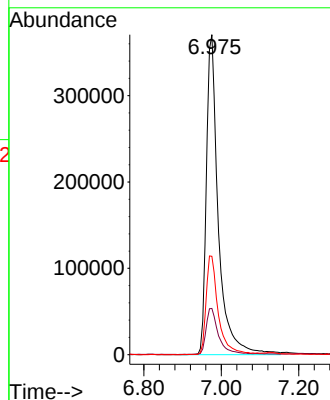
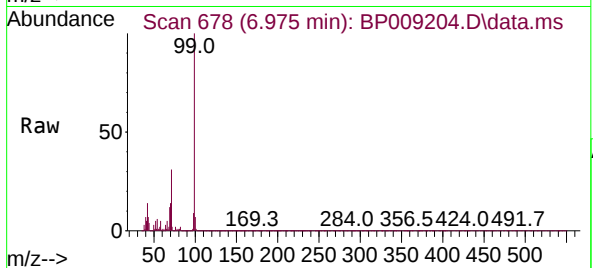




#7
Phenol-d6
Concen: 47.263 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

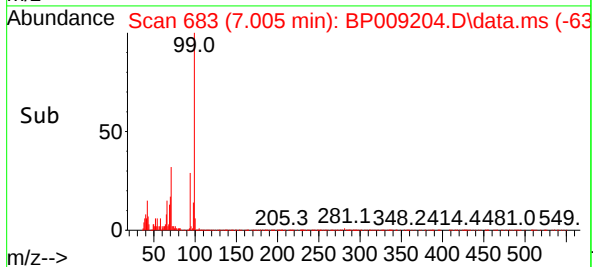
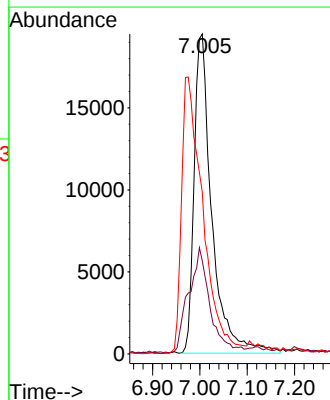
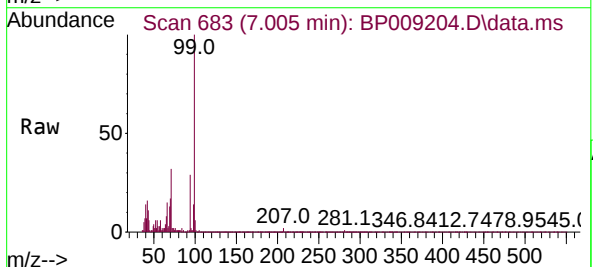
Instrument :
BNA_P
ClientSampleId :
MW-24

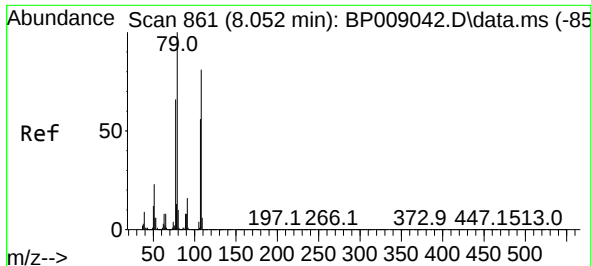
Tgt Ion: 99 Resp: 794561
Ion Ratio Lower Upper
99 100
42 14.4 10.8 16.2
71 30.8 23.8 35.6



#10
Phenol
Concen: 2.983 ng
RT: 7.005 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion: 94 Resp: 50426
Ion Ratio Lower Upper
94 100
65 29.1 4.1 44.1
66 50.6 12.4 52.4

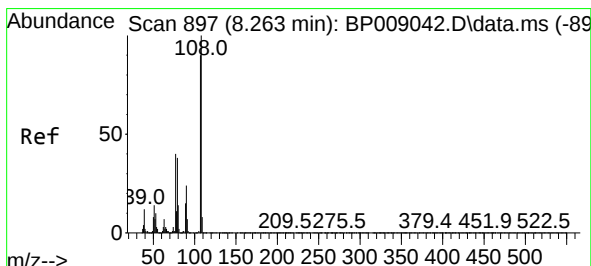
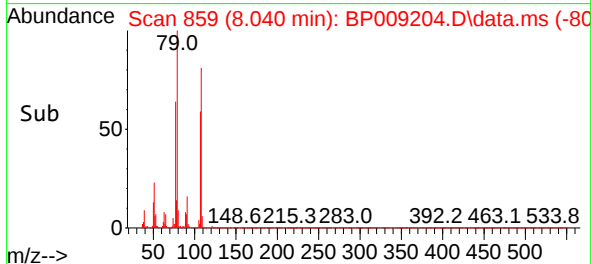
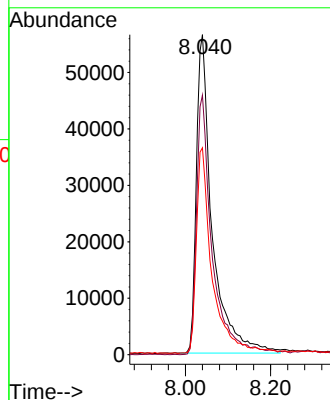
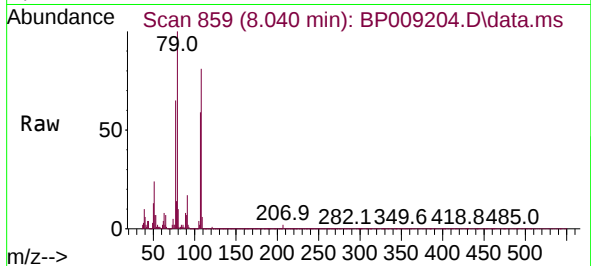




#15
Benzyl Alcohol
Concen: 13.553 ng
RT: 8.040 min Scan# 859
Delta R.T. 0.006 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

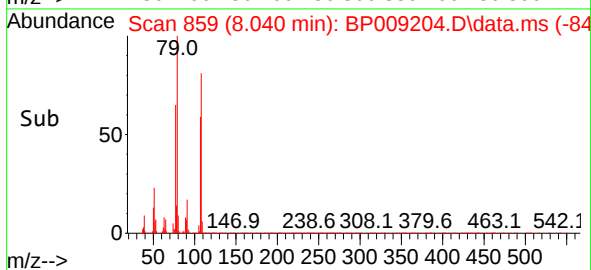
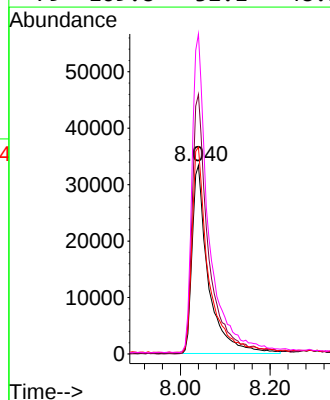
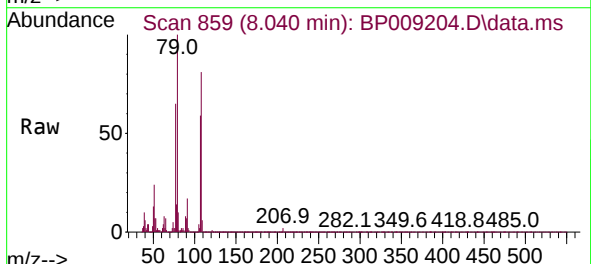
Instrument :
BNA_P
ClientSampleId :
MW-24

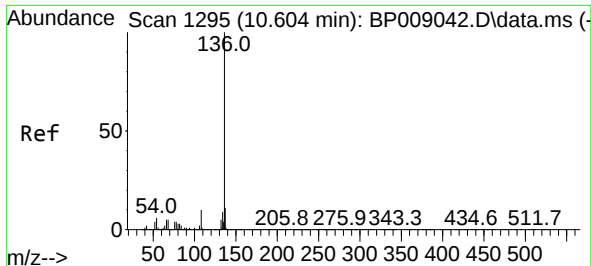
Tgt Ion: 79 Resp: 145040
Ion Ratio Lower Upper
79 100
108 81.1 67.8 101.8
77 64.7 50.7 76.1



#17
2-Methylphenol
Concen: 7.383 ng
RT: 8.040 min Scan# 859
Delta R.T. -0.206 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion: 107 Resp: 83659
Ion Ratio Lower Upper
107 100
108 137.7 90.0 135.0#
77 109.8 32.7 49.1#
79 169.8 32.1 48.1#

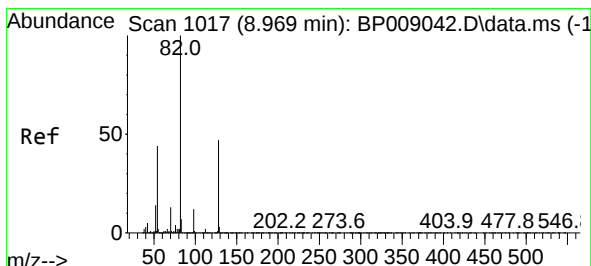
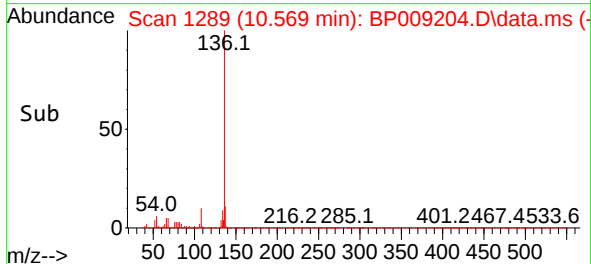
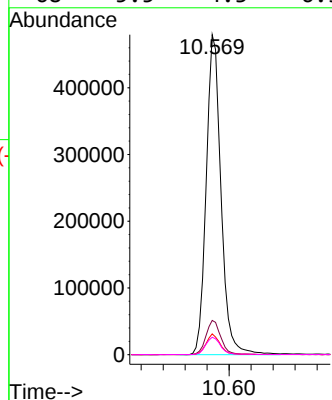
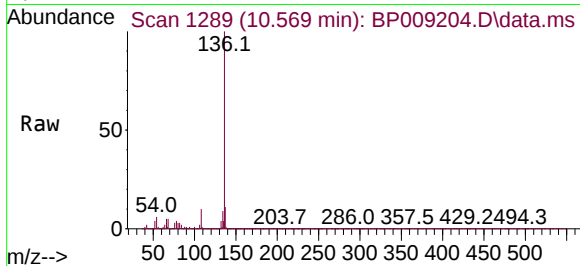




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

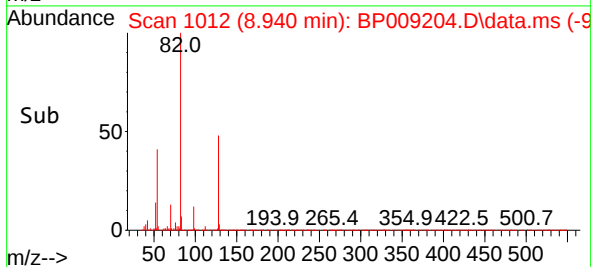
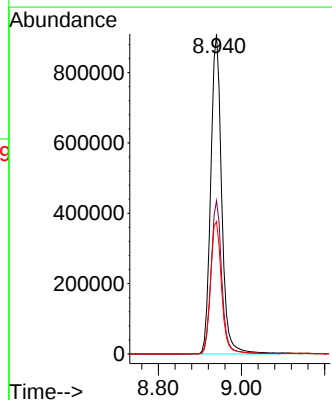
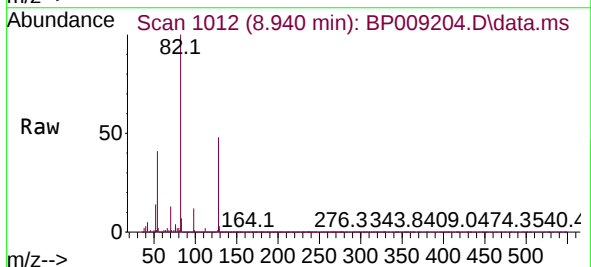
Instrument :
BNA_P
ClientSampleId :
MW-24

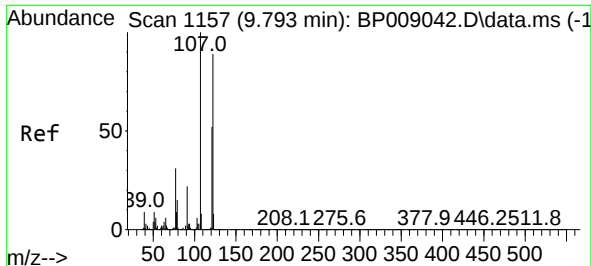
Tgt Ion:	136	Resp:	895320
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.5	4.9	7.3
68	5.5	4.3	6.5



#23
Nitrobenzene-d5
Concen: 104.424 ng
RT: 8.940 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion:	82	Resp:	1657865
Ion	Ratio	Lower	Upper
82	100		
128	47.9	39.4	59.2
54	41.4	32.6	48.8





#27

2,4-Dimethylphenol

Concen: 3.373 ng

RT: 9.969 min Scan# 1187

Delta R.T. 0.194 min

Lab File: BP009204.D

Acq: 17 Feb 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MW-24

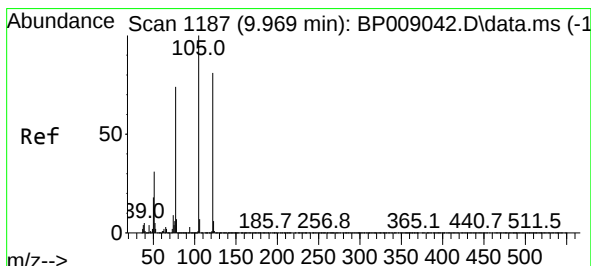
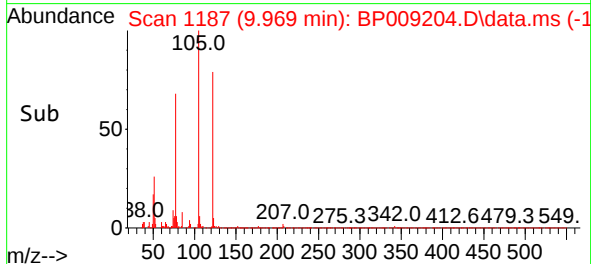
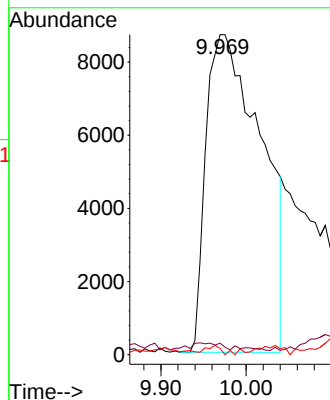
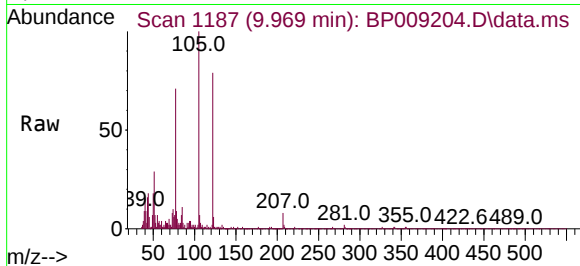
Tgt Ion:122 Resp: 39148

Ion Ratio Lower Upper

122 100

107 3.6 89.6 134.4#

121 2.0 47.8 71.8#



#32

Benzoic acid

Concen: 9.757 ng

RT: 9.969 min Scan# 1187

Delta R.T. -0.023 min

Lab File: BP009204.D

Acq: 17 Feb 2022 20:06

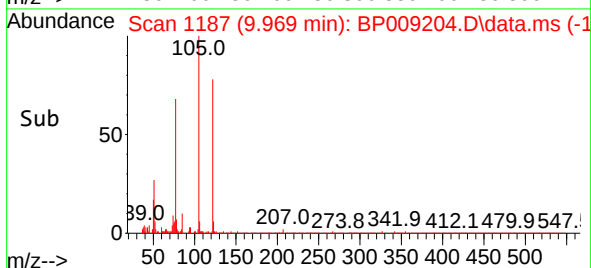
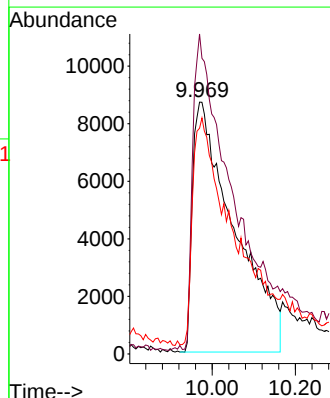
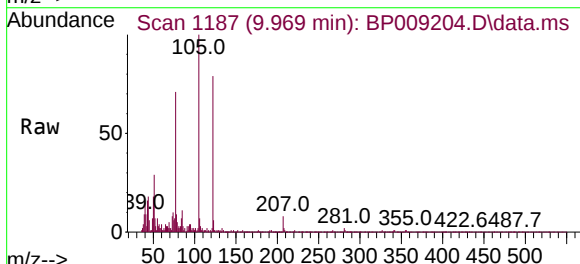
Tgt Ion:122 Resp: 60456

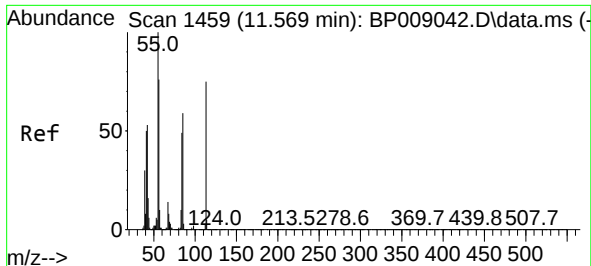
Ion Ratio Lower Upper

122 100

105 127.1 100.1 140.1

77 89.7 65.5 105.5

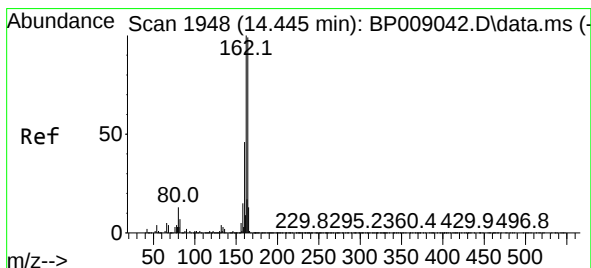
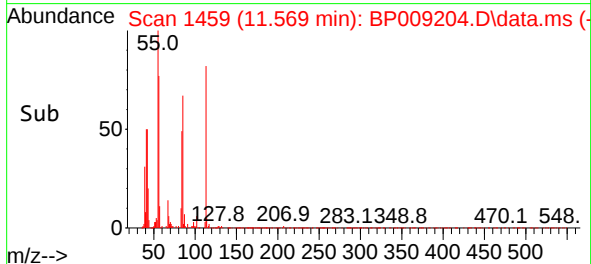
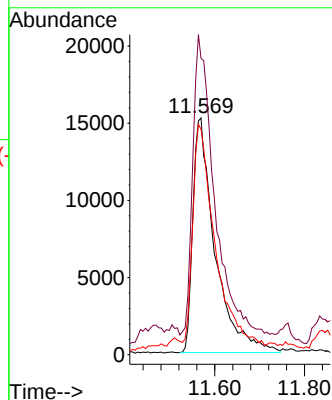
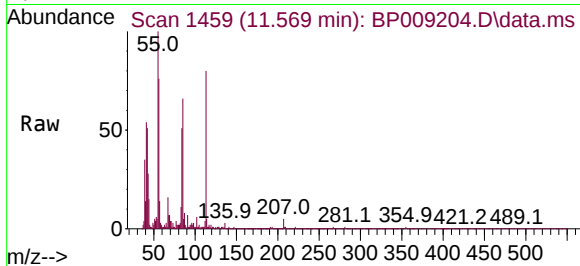




#35
Caprolactam
Concen: 12.295 ng
RT: 11.569 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

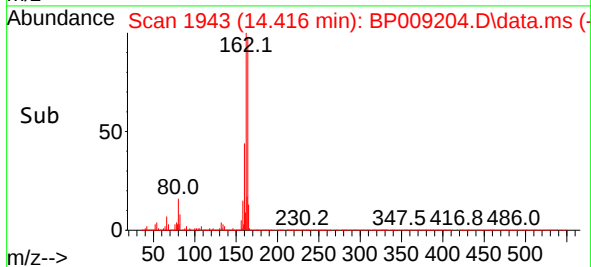
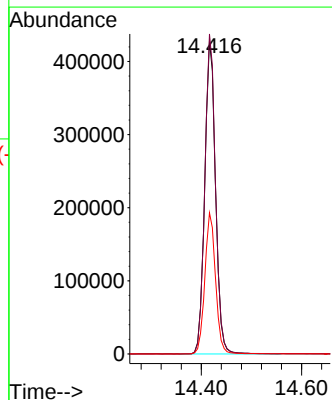
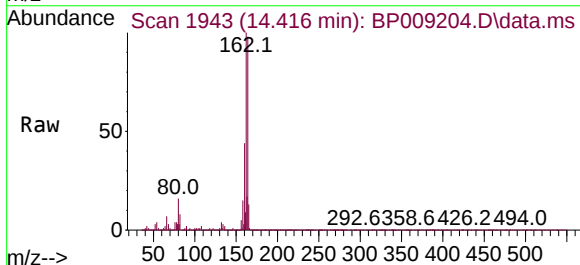
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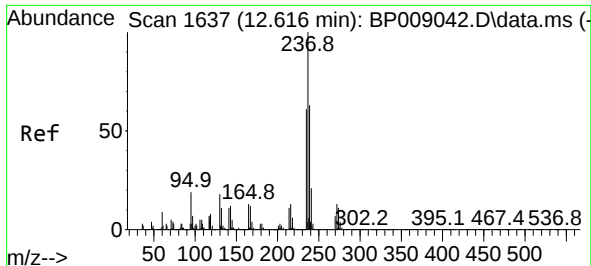
Tgt Ion:113 Resp: 52289
Ion Ratio Lower Upper
113 100
55 125.3 107.1 147.1
56 95.3 74.1 114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion:164 Resp: 641688
Ion Ratio Lower Upper
164 100
162 102.2 79.9 119.9
160 45.1 35.5 53.3

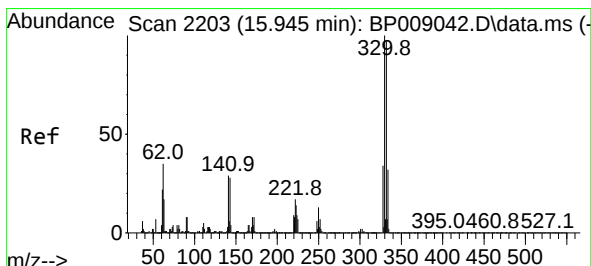
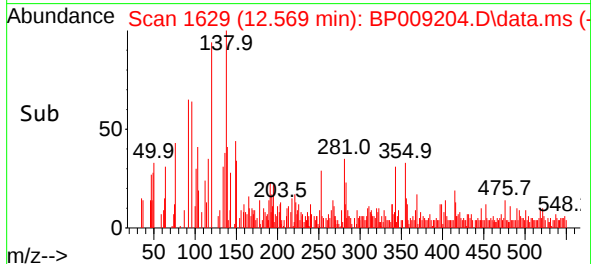
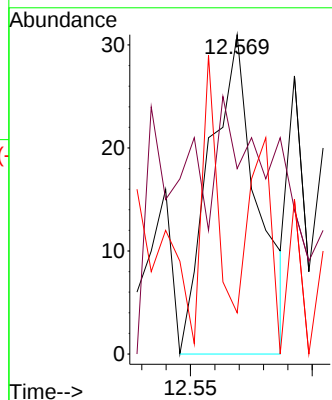
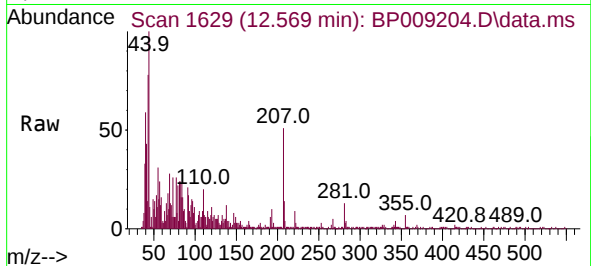




#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

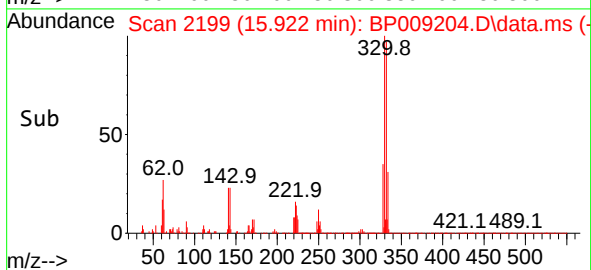
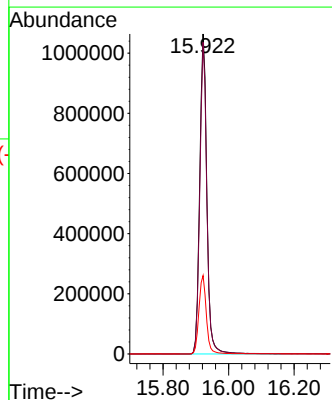
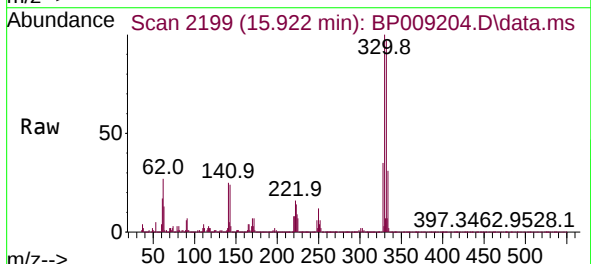
Instrument :
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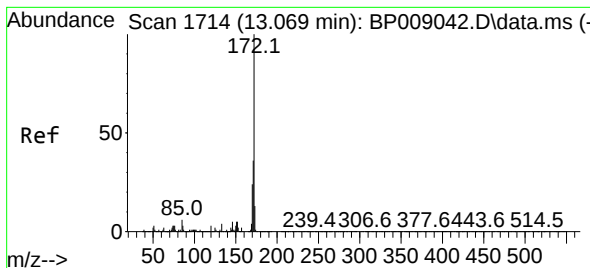
Tgt Ion:	237	Resp:	42
Ion	Ratio	Lower	Upper
237	100		
235	58.1	42.9	82.9
272	12.9	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 188.049 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion:	330	Resp:	1611147
Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.4
141	25.6	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 102.738 ng

RT: 13.040 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009204.D

Acq: 17 Feb 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MW-24

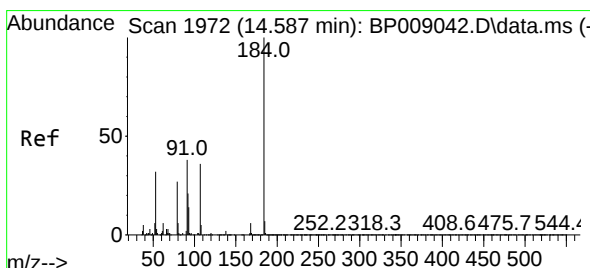
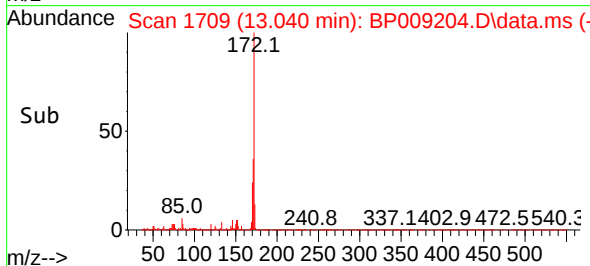
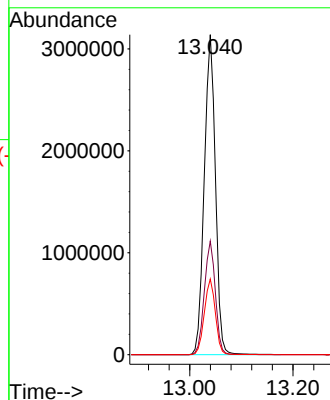
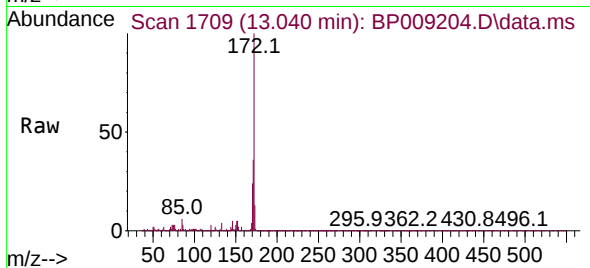
Tgt Ion:172 Resp: 4709367

Ion Ratio Lower Upper

172 100

171 35.5 29.3 43.9

170 23.7 19.5 29.3



#54

2,4-Dinitrophenol

Concen: 2.173 ng

RT: 14.593 min Scan# 1973

Delta R.T. 0.006 min

Lab File: BP009204.D

Acq: 17 Feb 2022 20:06

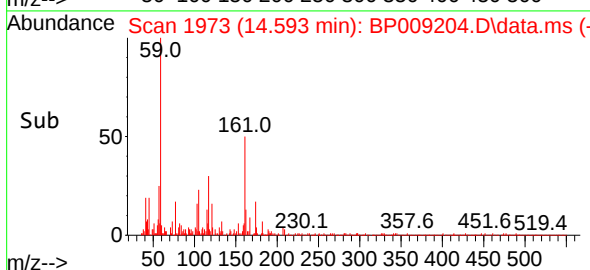
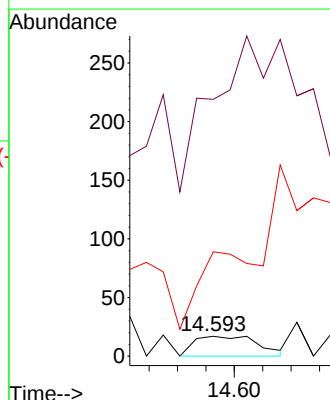
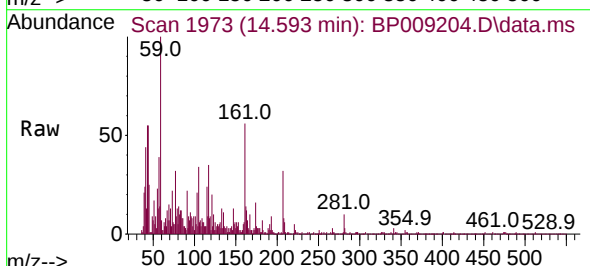
Tgt Ion:184 Resp: 27

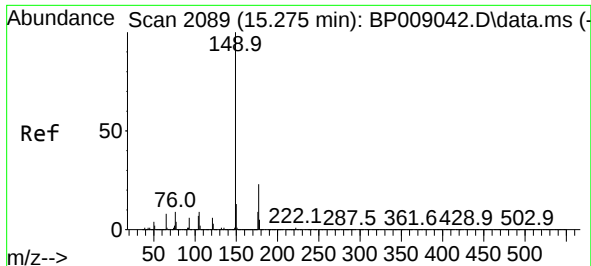
Ion Ratio Lower Upper

184 100

63 1288.2 35.6 53.4#

154 523.5 43.4 65.0#

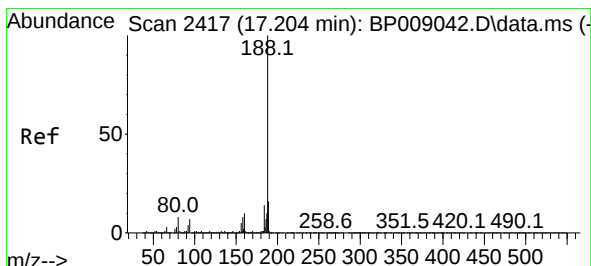
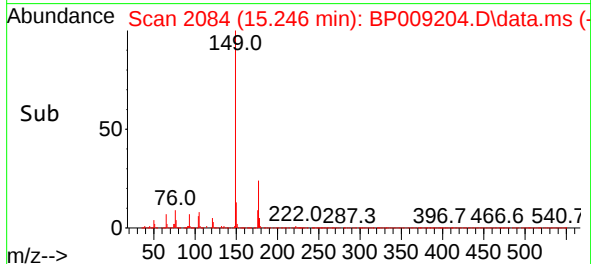
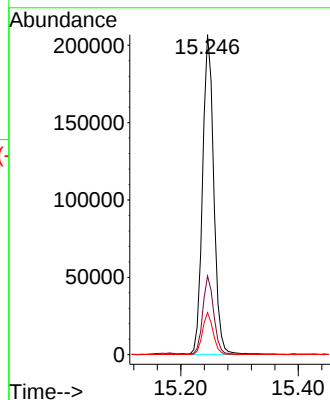
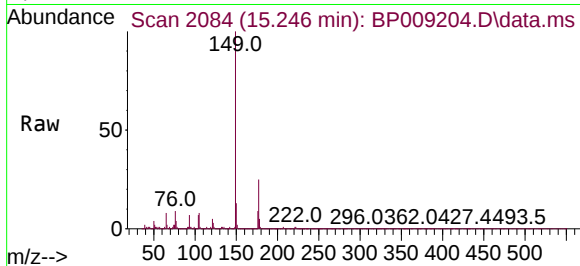




#60
Diethylphthalate
Concen: 6.303 ng
RT: 15.246 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

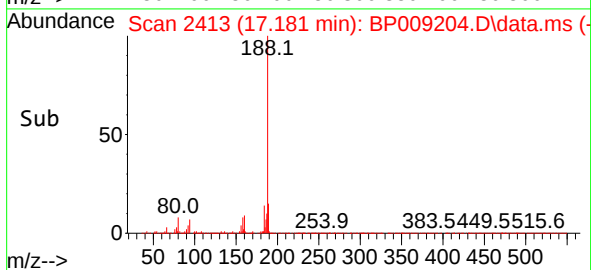
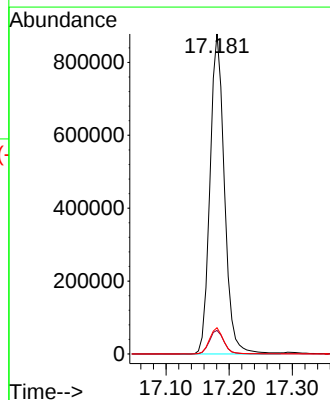
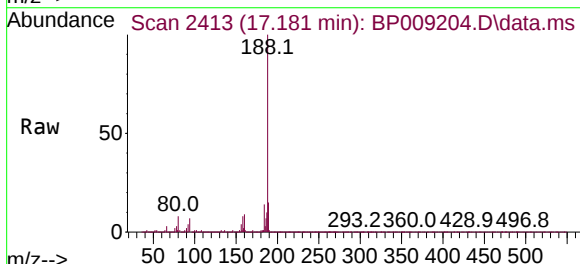
Instrument :
BNA_P
ClientSampleId :
MW-24

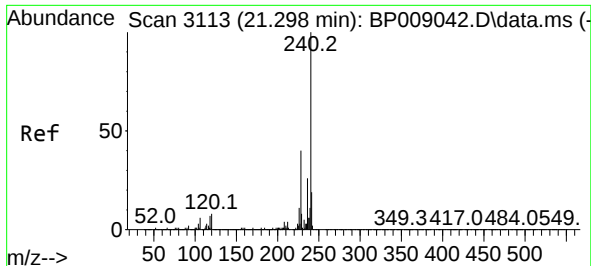
Tgt Ion:149 Resp: 272608
Ion Ratio Lower Upper
149 100
177 24.6 19.9 29.9
150 13.2 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion:188 Resp: 1392400
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.2 7.2 10.8

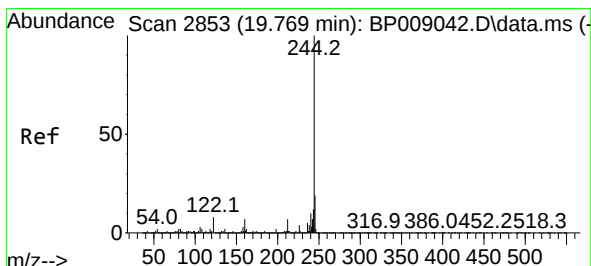
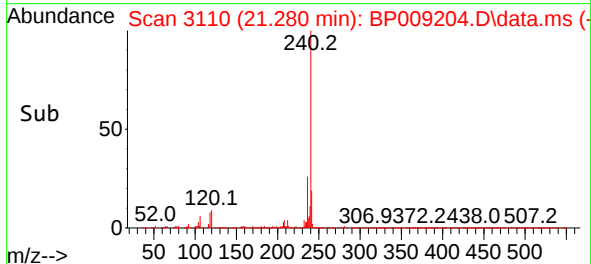
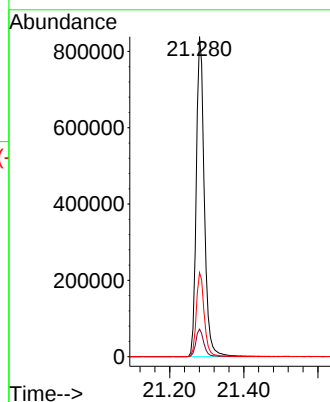
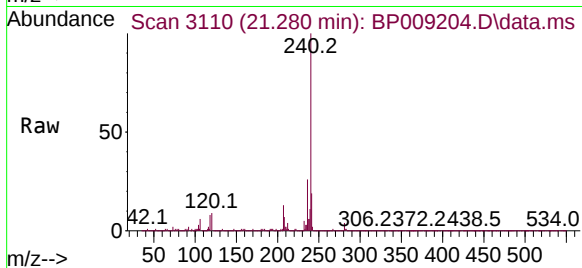




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

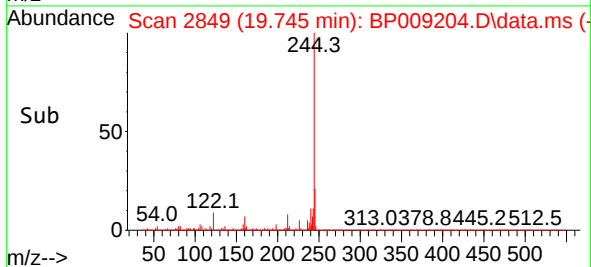
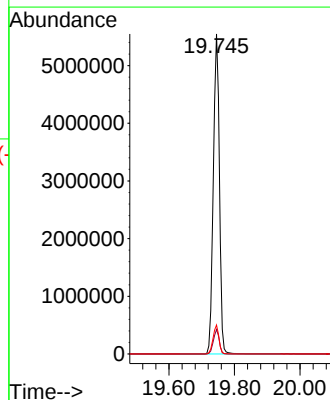
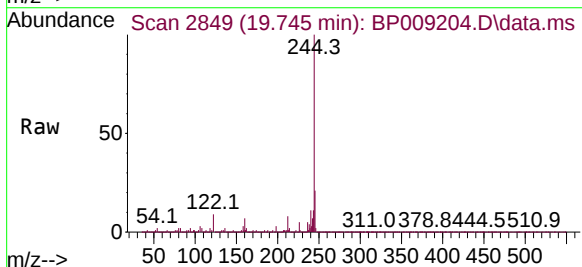
Instrument :
BNA_P
ClientSampleId :
MW-24

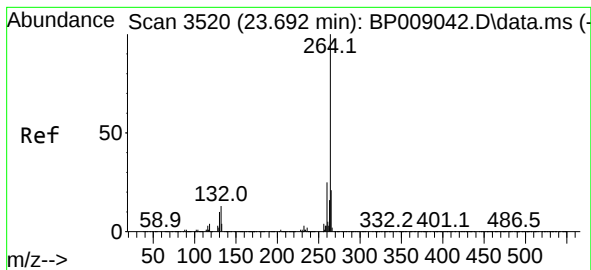
Tgt Ion:240 Resp: 1263743
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.2 21.2 31.8



#79
Terphenyl-d14
Concen: 102.042 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009204.D
Acq: 17 Feb 2022 20:06

Tgt Ion:244 Resp: 7170817
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 9.1 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.669 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009204.D

Acq: 17 Feb 2022 20:06

Instrument :

BNA_P

ClientSampleId :

MW-24

Tgt Ion:264 Resp: 1100385

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.7 17.1 25.7

