

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006116.D
 Acq On : 30 Jun 2021 19:57
 Operator : CG/JU
 Sample : M2875-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: Jul 01 03:07:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

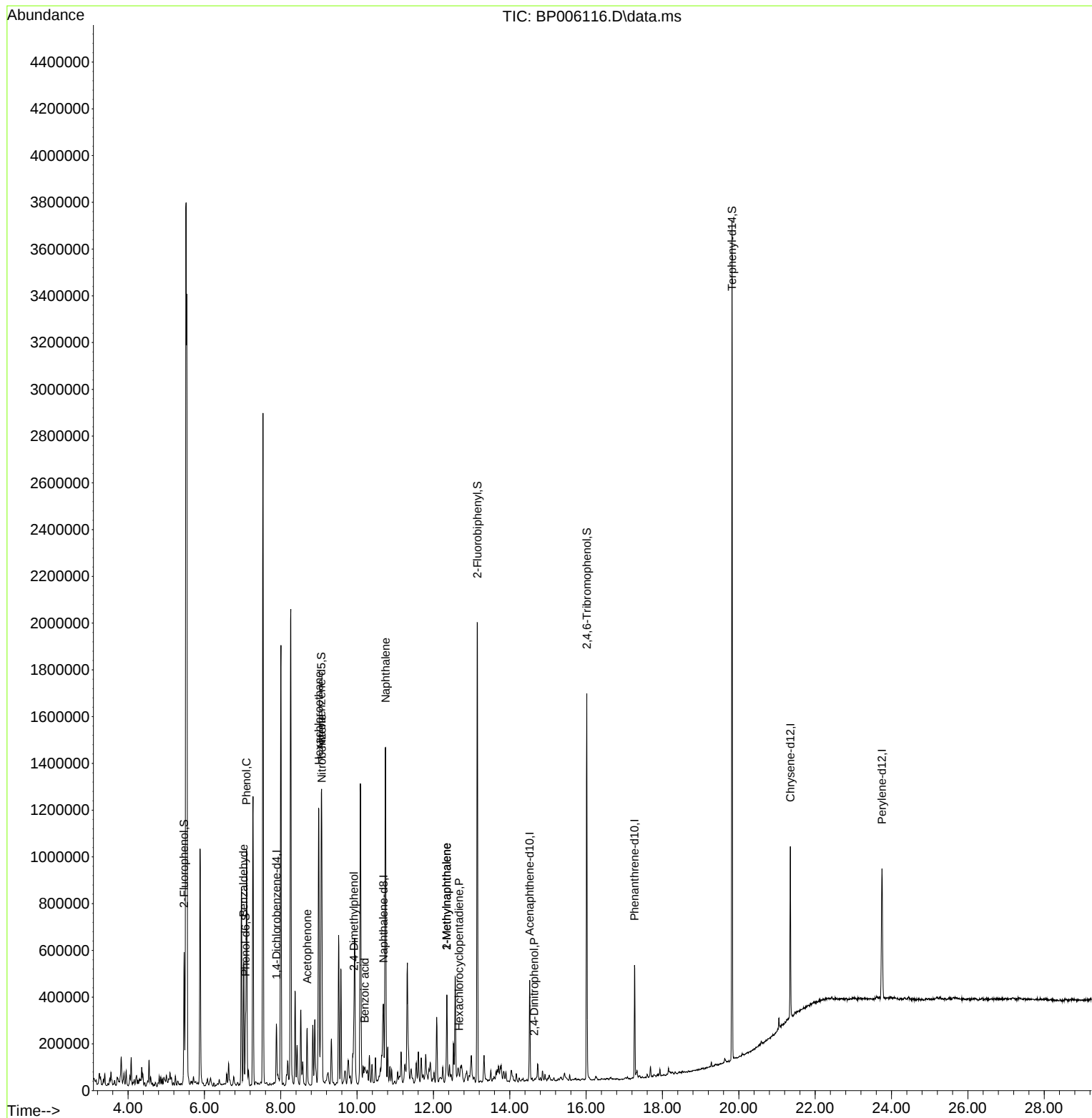
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	71171	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	253915	20.00	ng	# 0.00
39) Acenaphthene-d10	14.522	164	143010	20.00	ng	0.00
64) Phenanthrene-d10	17.269	188	286789	20.00	ng	# 0.00
76) Chrysene-d12	21.351	240	355926	20.00	ng	0.00
86) Perylene-d12	23.751	264	437322	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	262674	59.22	ng	0.00
7) Phenol-d6	7.075	99	175349	30.50	ng	0.00
23) Nitrobenzene-d5	9.063	82	460167	88.85	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	339040	138.15	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	1002639	92.06	ng	0.00
79) Terphenyl-d14	19.822	244	1593734	83.84	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.028	77	38347	15.65	ng	# 1
10) Phenol	7.105	94	23026	4.01	ng	# 1
18) Hexachloroethane	8.999	117	120989	57.68	ng	# 1
22) Acetophenone	8.693	105	167662	25.09	ng	# 58
24) Nitrobenzene	9.075	77	28350	5.27	ng	# 5
27) 2,4-Dimethylphenol	9.916	122	84311	22.05	ng	# 93
31) Naphthalene	10.746	128	1101807	75.00	ng	100
32) Benzoic acid	10.199	122	2980	7.22	ng	# 36
37) 2-Methylnaphthalene	12.351	142	163799	15.66	ng	99
38) 1-Methylnaphthalene	12.351	142	163799	16.62	ng	98
41) Hexachlorocyclopentadiene	12.675	237	28	5.51	ng	79
54) 2,4-Dinitrophenol	14.640	184	28	4.87	ng	# 1

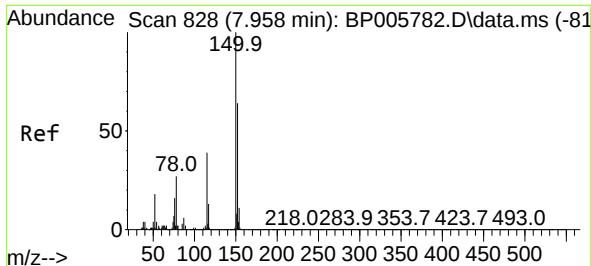
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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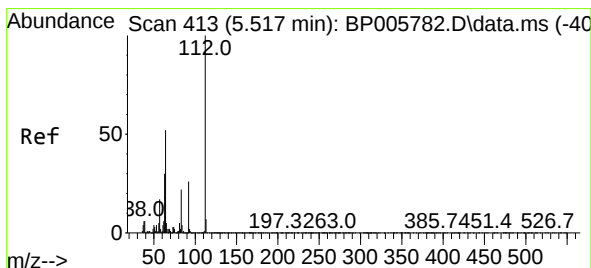
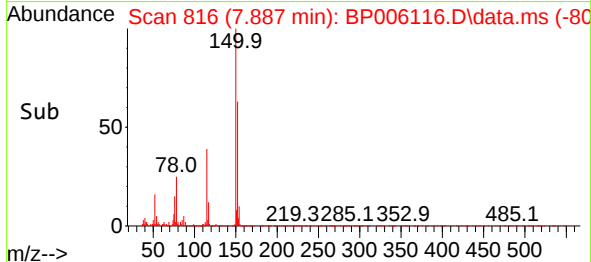
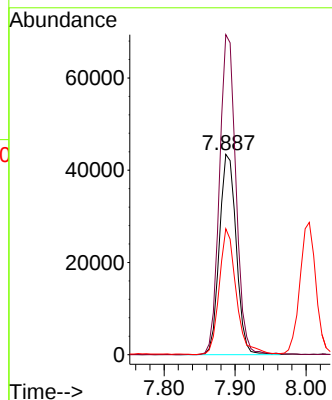
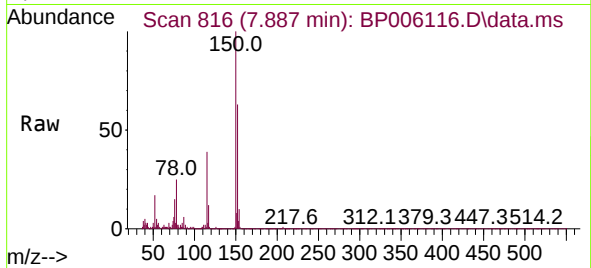




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

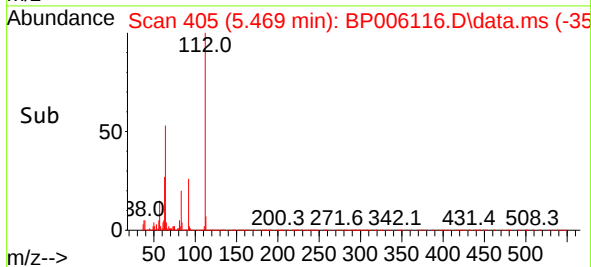
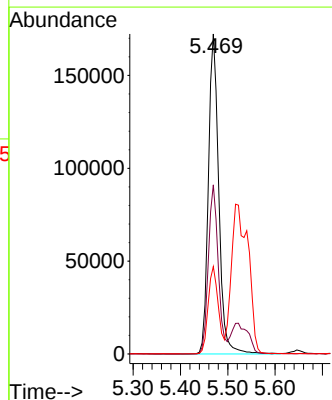
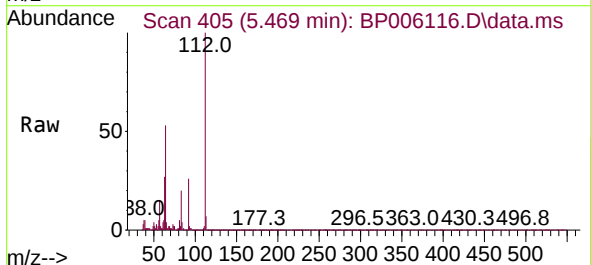
Instrument :
BNA_P
ClientSampleId :
MW-2

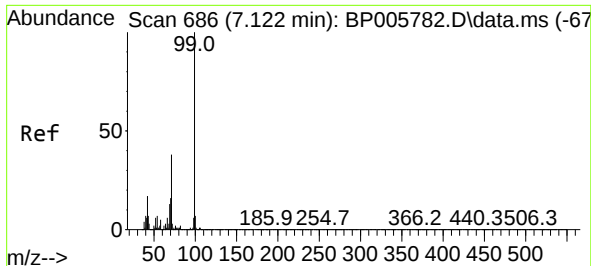
Tgt Ion:152 Resp: 71171
Ion Ratio Lower Upper
152 100
150 159.8 125.6 188.4
115 62.8 48.5 72.7



#5
2-Fluorophenol
Concen: 59.22 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:112 Resp: 262674
Ion Ratio Lower Upper
112 100
64 52.9 41.4 62.2
63 27.3 23.8 35.8

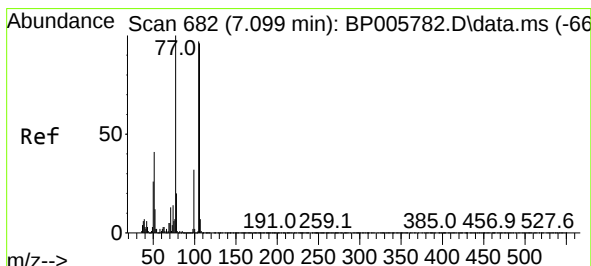
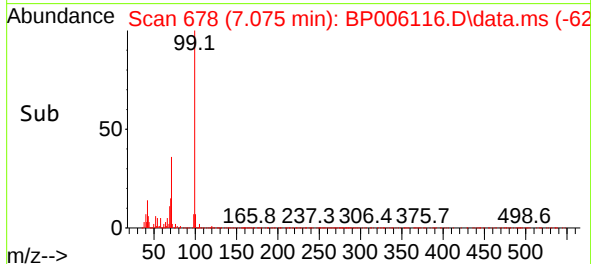
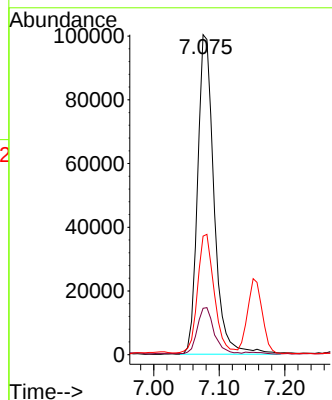
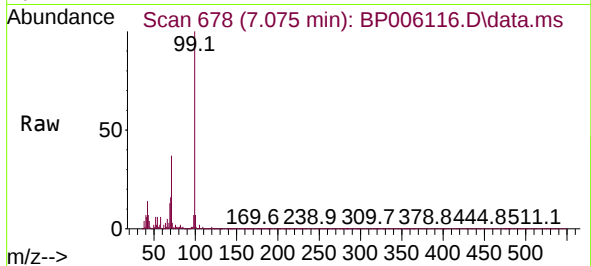




#7
Phenol-d6
Concen: 30.50 ng
RT: 7.075 min Scan# 678
Delta R.T. 0.000 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

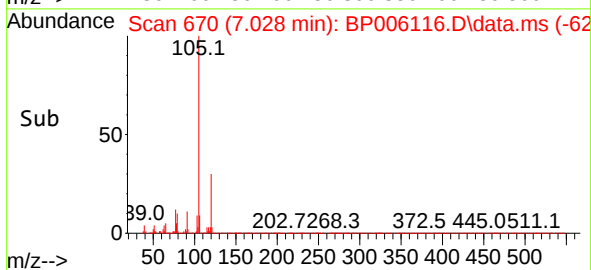
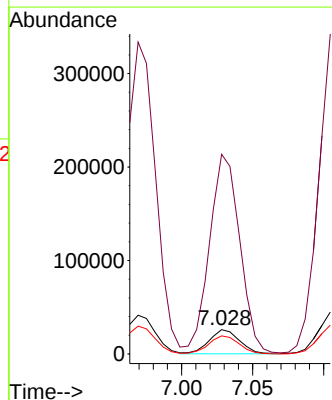
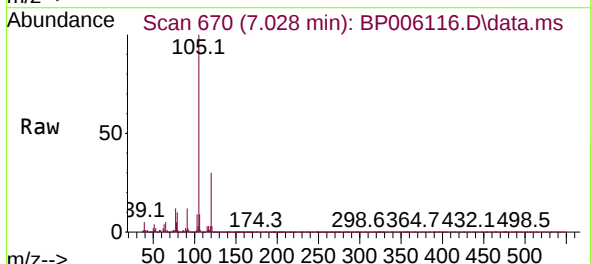
Instrument :
BNA_P
ClientSampleId :
MW-2

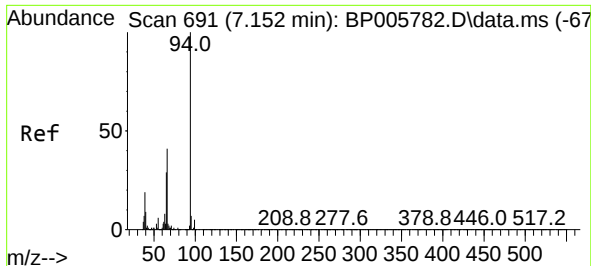
Tgt Ion: 99 Resp: 175349
Ion Ratio Lower Upper
99 100
42 14.5 13.4 20.0
71 37.1 30.6 46.0



#9
Benzaldehyde
Concen: 15.65 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion: 77 Resp: 38347
Ion Ratio Lower Upper
77 100
105 818.4 76.7 116.7#
106 74.4 76.2 116.2#

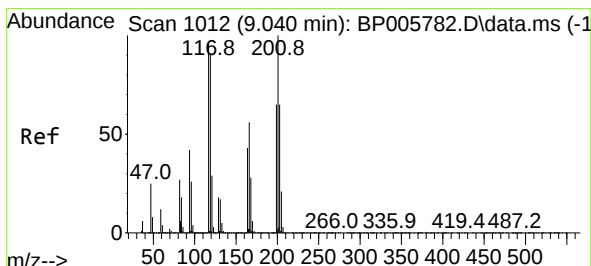
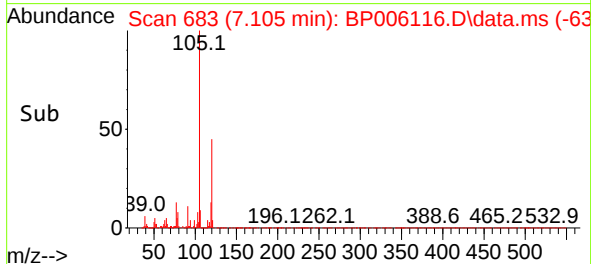
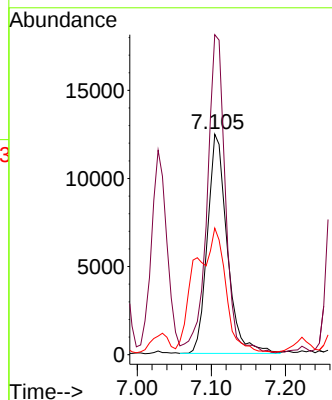
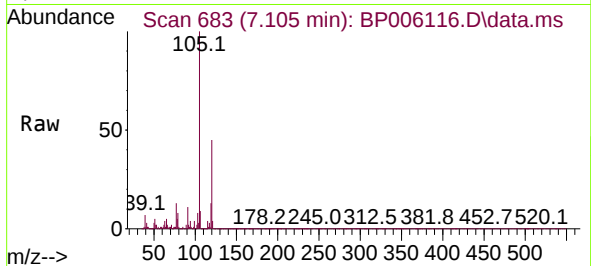




#10
Phenol
Concen: 4.01 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

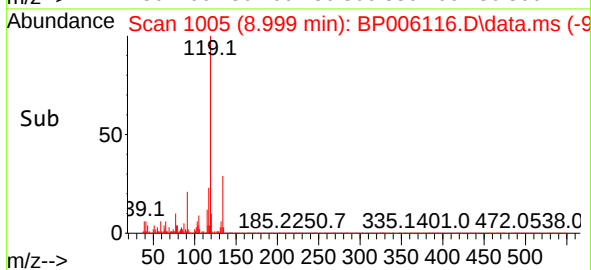
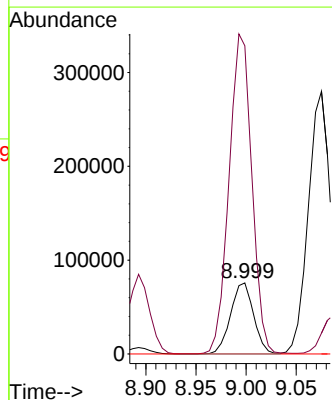
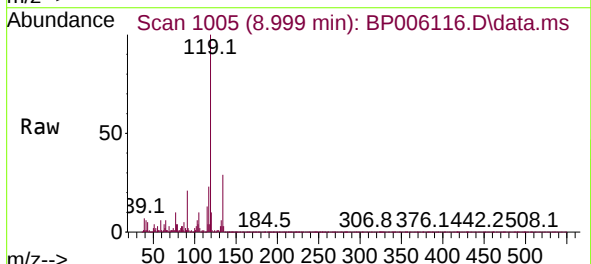
Instrument :
BNA_P
ClientSampleId :
MW-2

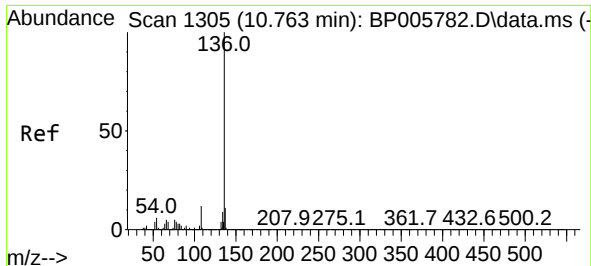
Tgt Ion: 94 Resp: 23026
Ion Ratio Lower Upper
94 100
65 145.1 8.8 48.8#
66 57.4 20.7 60.7



#18
Hexachloroethane
Concen: 57.68 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.035 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion: 117 Resp: 120989
Ion Ratio Lower Upper
117 100
119 434.2 76.2 114.2#
201 0.0 83.4 125.0#

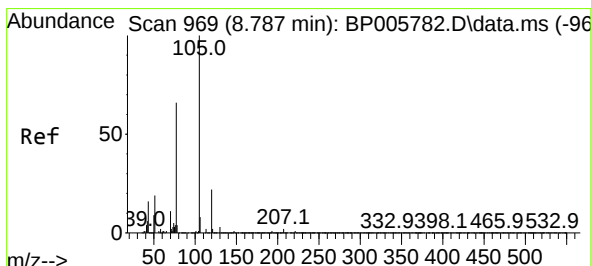
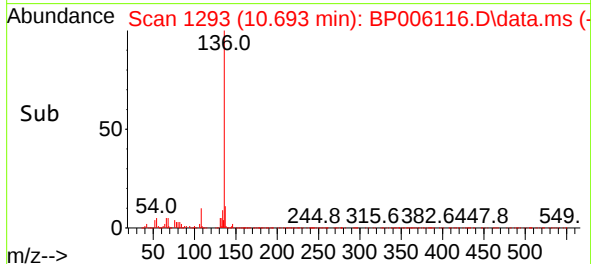
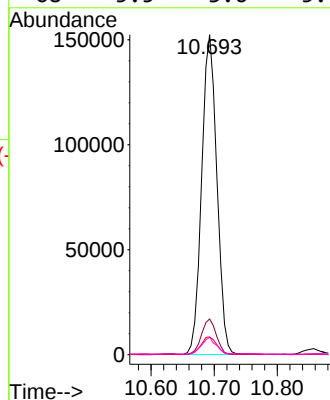
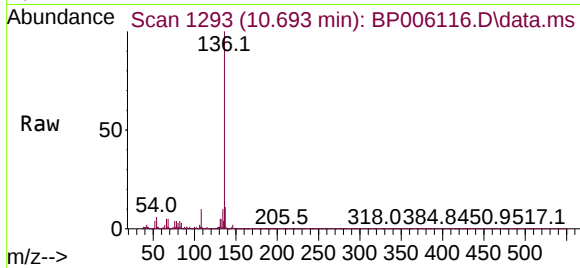




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

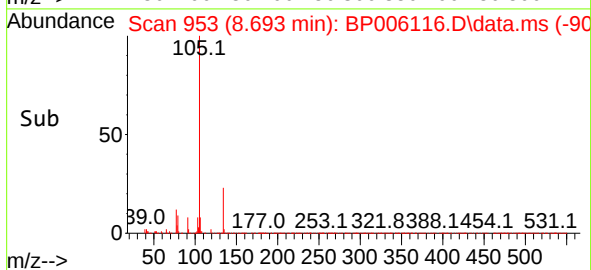
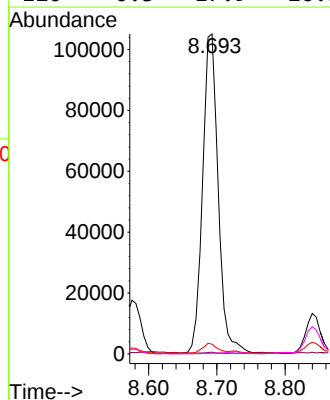
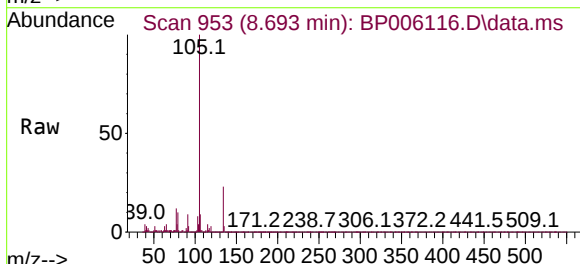
Instrument :
BNA_P
ClientSampleId :
MW-2

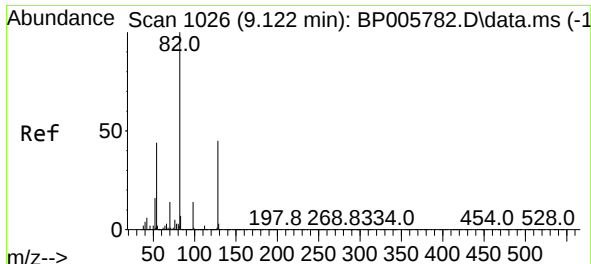
Tgt Ion:	136	Resp:	253915
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	12.8
54	5.6	4.6	6.8
68	5.5	3.6	5.4#



#22
Acetophenone
Concen: 25.09 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:	105	Resp:	167662
Ion Ratio	Lower	Upper	
105	100		
71	0.6	1.9	2.9#
51	3.1	18.4	27.6#
120	0.3	17.9	26.9#

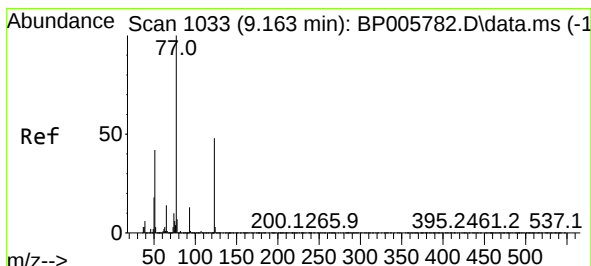
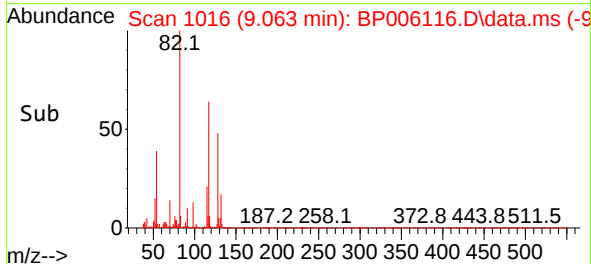
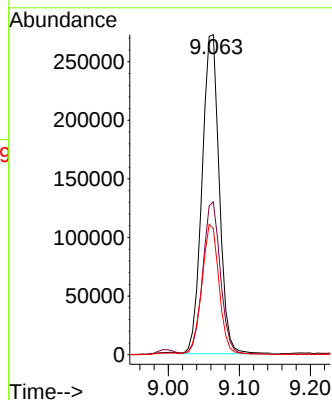
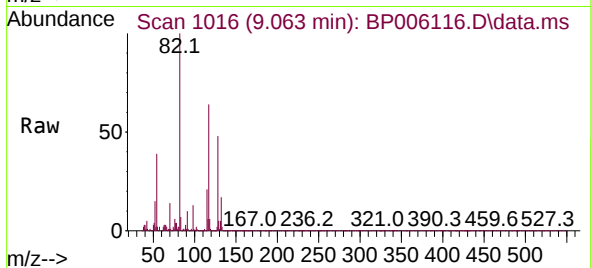




#23
Nitrobenzene-d5
Concen: 88.85 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

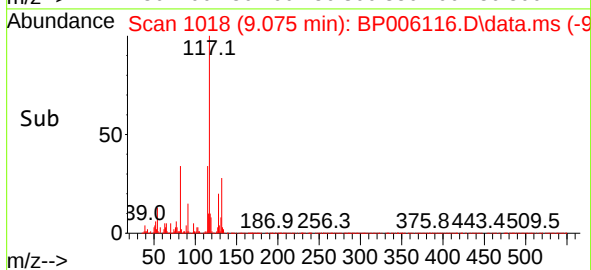
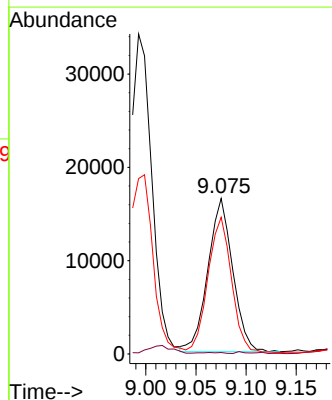
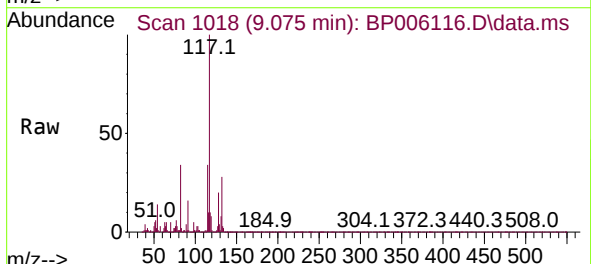
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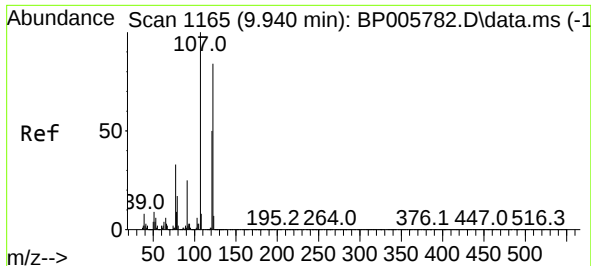
Tgt Ion: 82 Resp: 460167
Ion Ratio Lower Upper
82 100
128 47.8 35.7 53.5
54 39.4 35.0 52.4



#24
Nitrobenzene
Concen: 5.27 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.029 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion: 77 Resp: 28350
Ion Ratio Lower Upper
77 100
123 1.0 38.2 57.2#
65 87.9 11.4 17.2#

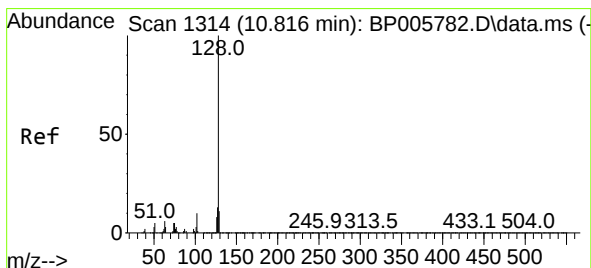
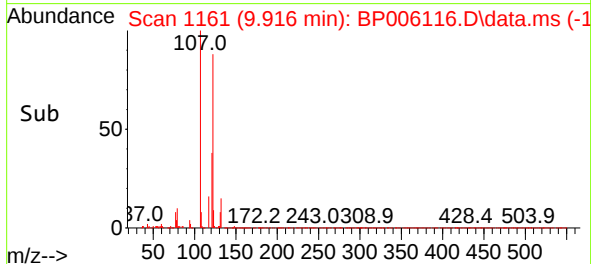
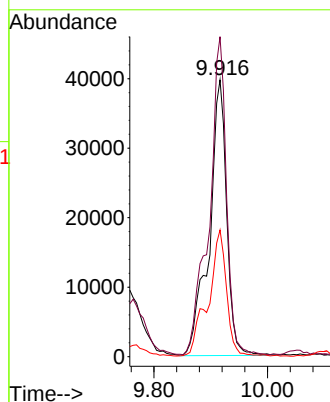
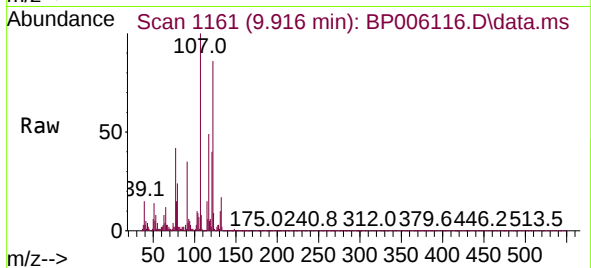




#27
2,4-Dimethylphenol
Concen: 22.05 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.035 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

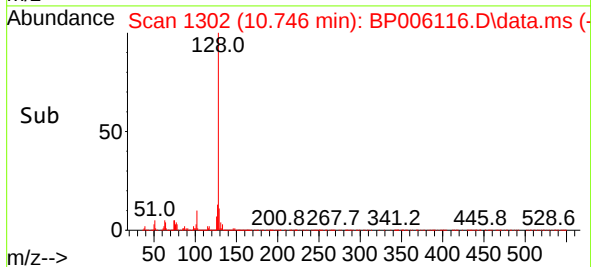
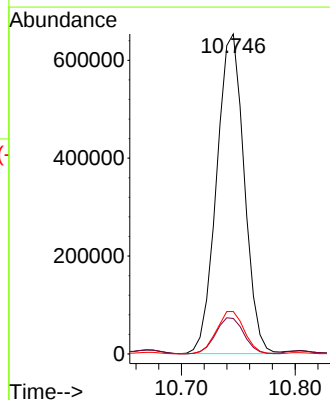
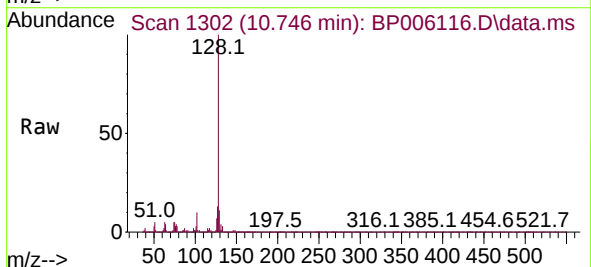
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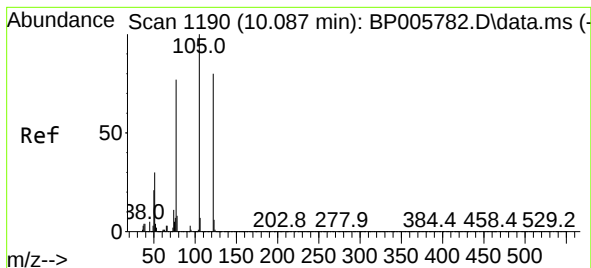
Tgt Ion:122 Resp: 84311
Ion Ratio Lower Upper
122 100
107 115.6 94.5 141.7
121 45.8 47.4 71.2#



#31
Naphthalene
Concen: 75.00 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:128 Resp: 1101807
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.7 16.1

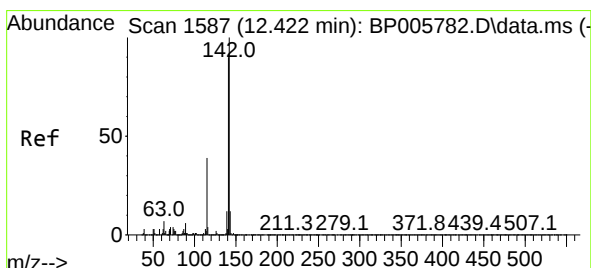
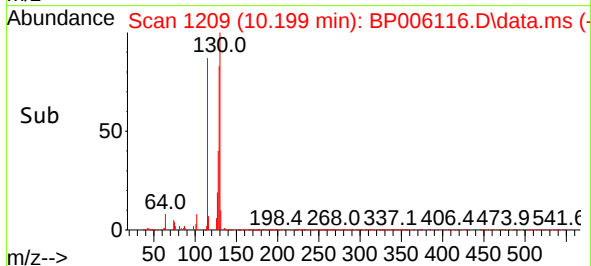
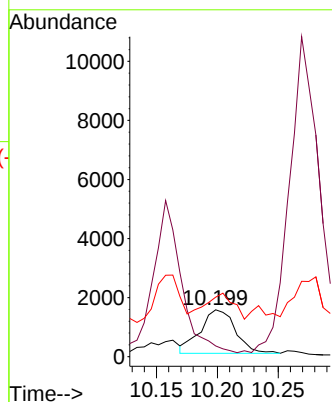
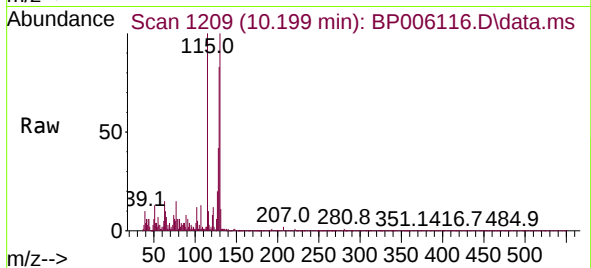




#32
Benzoic acid
Concen: 7.22 ng
RT: 10.199 min Scan# 1209
Delta R.T. 0.124 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

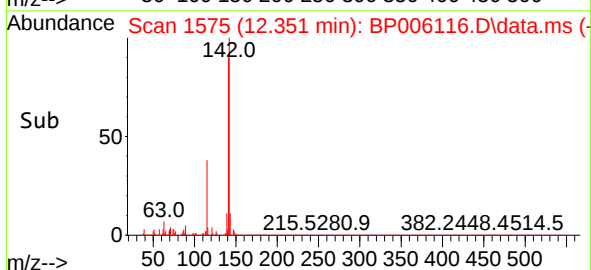
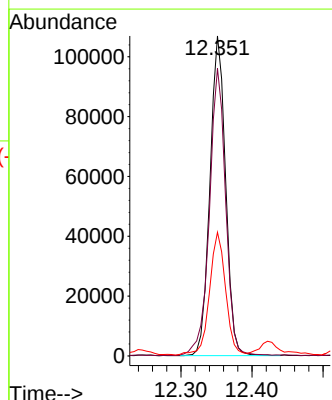
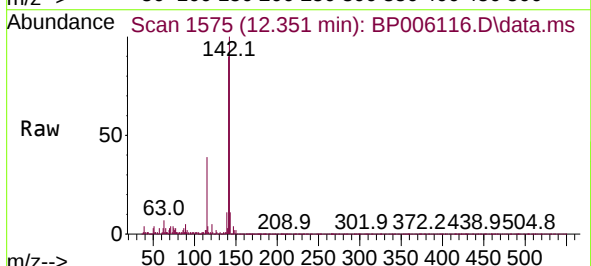
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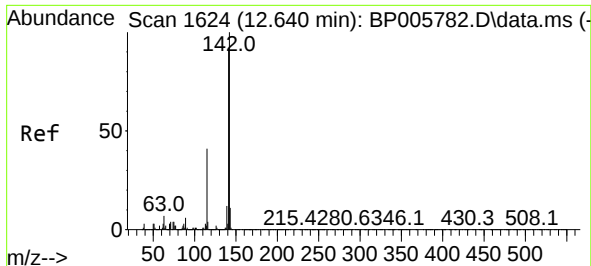
Tgt Ion:122 Resp: 2980
Ion Ratio Lower Upper
122 100
105 23.0 103.2 143.2#
77 126.8 76.2 116.2#



#37
2-Methylnaphthalene
Concen: 15.66 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:142 Resp: 163799
Ion Ratio Lower Upper
142 100
141 89.8 71.8 107.6
115 38.7 31.6 47.4

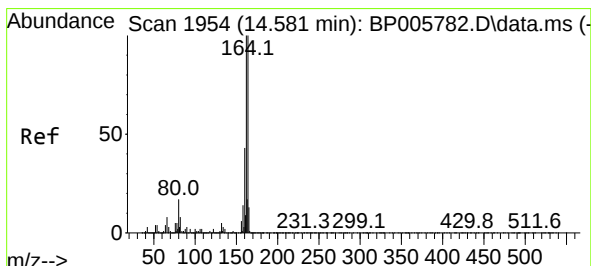
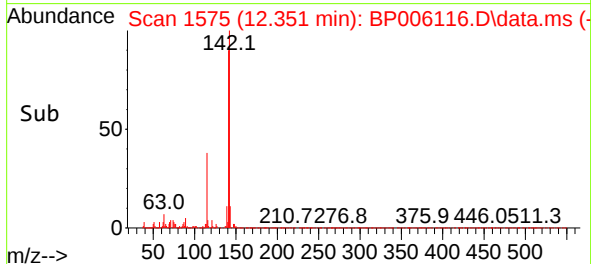
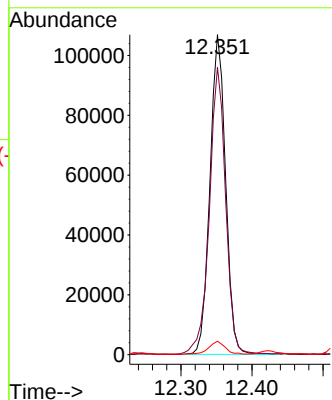
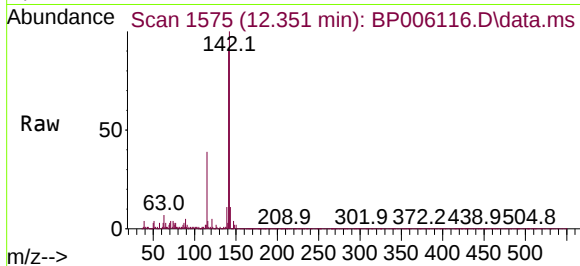




#38
1-Methylnaphthalene
Concen: 16.62 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.217 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

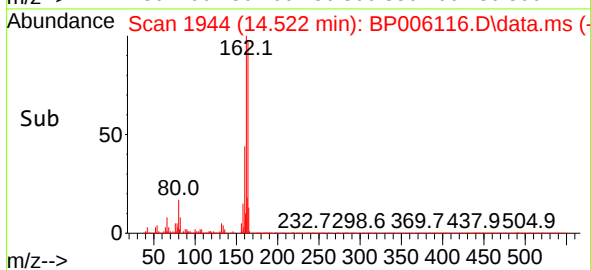
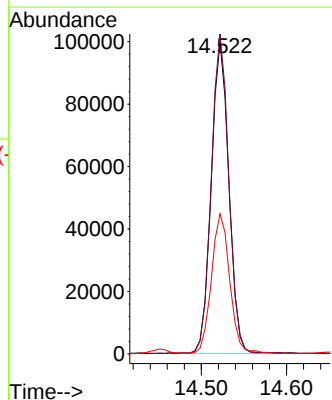
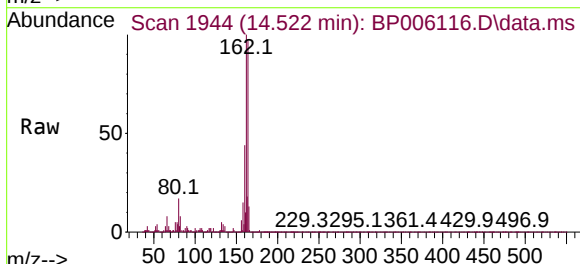
Instrument :
BNA_P
ClientSampleId :
MW-2

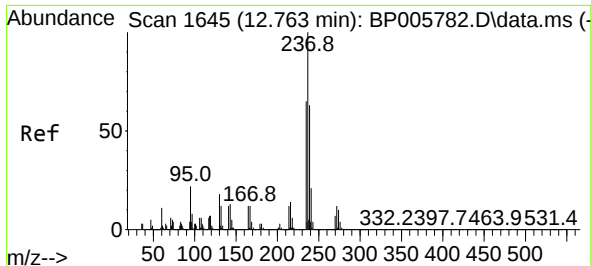
Tgt Ion:142 Resp: 163799
Ion Ratio Lower Upper
142 100
141 89.8 73.3 109.9
116 4.2 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:164 Resp: 143010
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 45.0 34.5 51.7

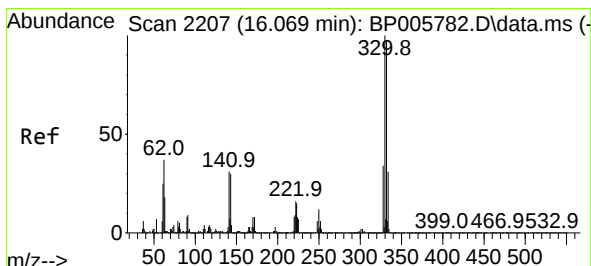
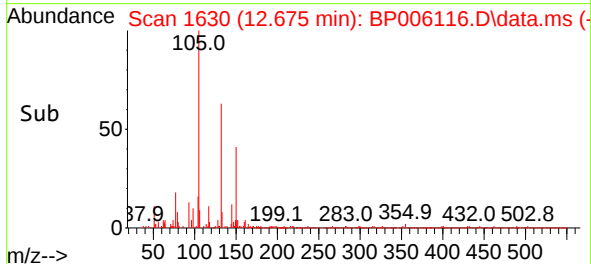
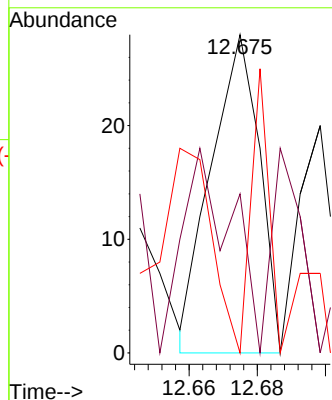
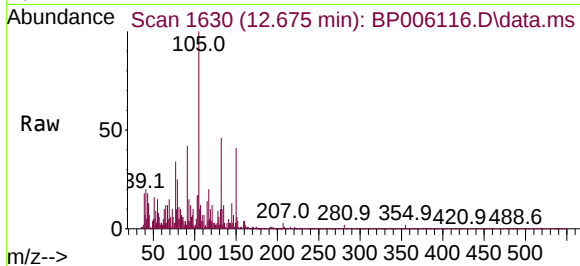




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.675 min Scan# 1630
Delta R.T. -0.023 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

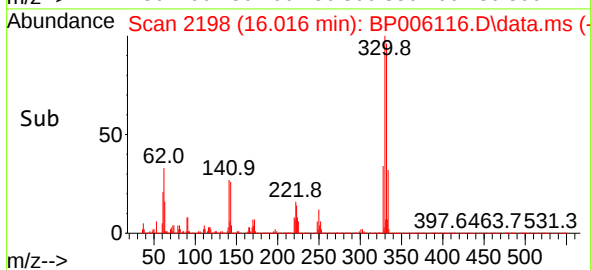
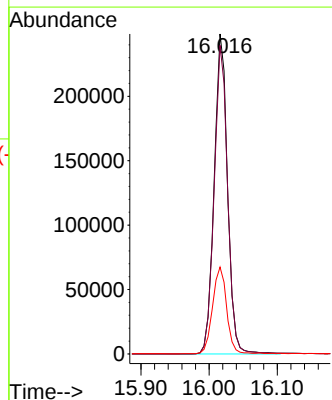
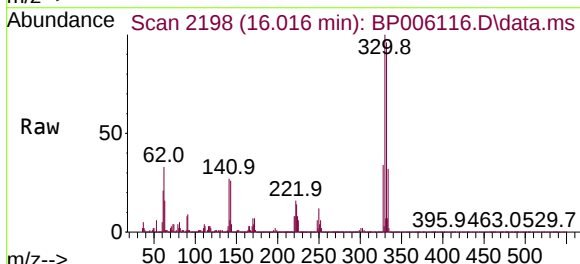
Instrument :
BNA_P
ClientSampled :
MW-2

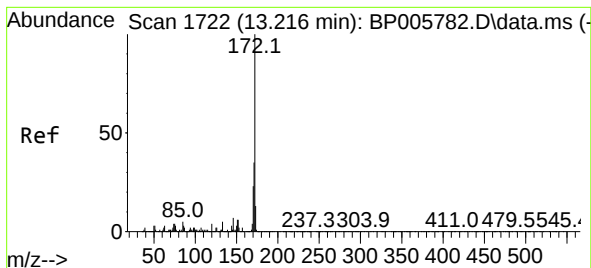
Tgt Ion:237	Resp:	28
Ion Ratio	Lower	Upper
237	100	
235	50.0	44.5 84.5
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 138.15 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:330	Resp:	339040
Ion Ratio	Lower	Upper
330	100	
332	97.5	77.8 116.8
141	28.3	25.4 38.2

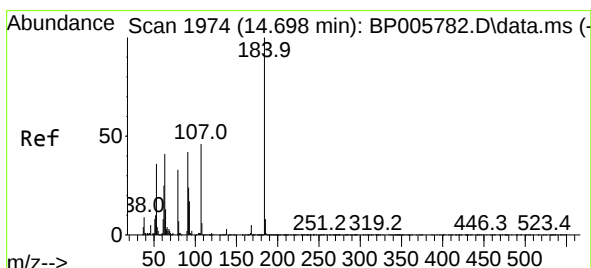
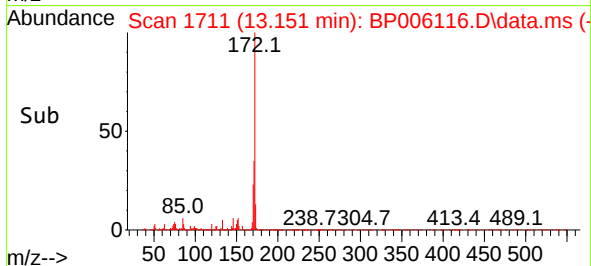
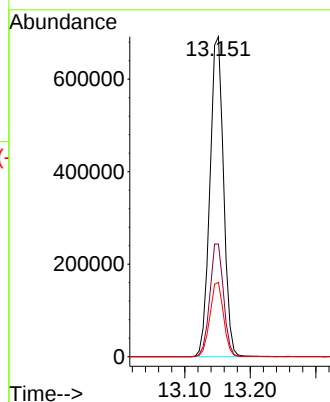
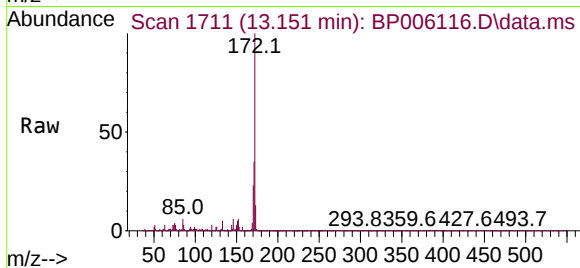




#45
2-Fluorobiphenyl
Concen: 92.06 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

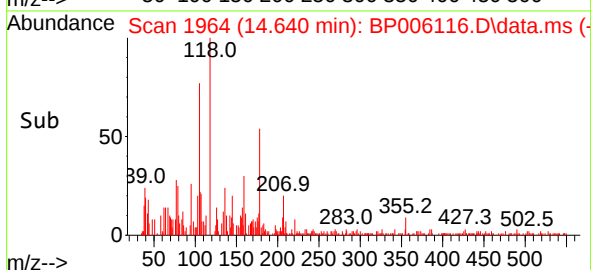
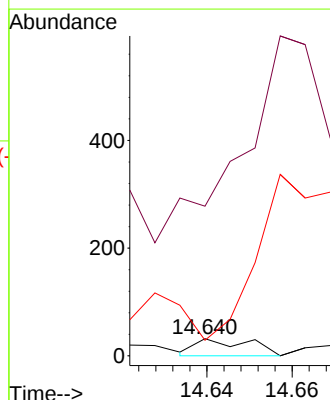
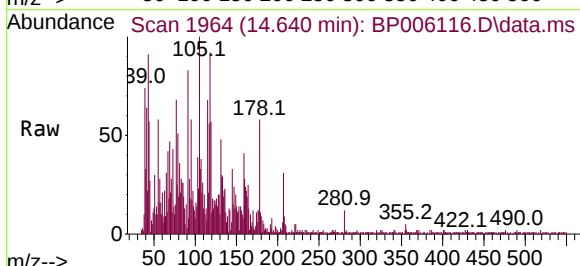
Instrument :
BNA_P
ClientSampleId :
MW-2

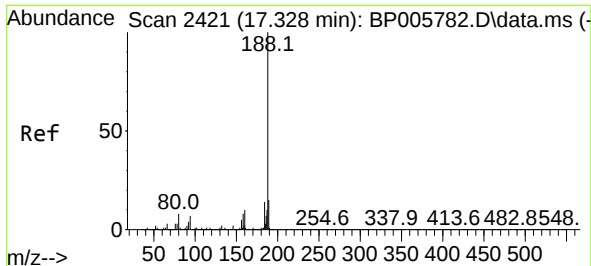
Tgt Ion:172 Resp: 1002639
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.640 min Scan# 1964
Delta R.T. -0.029 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 868.8 47.0 70.6#
154 90.6 52.3 78.5#

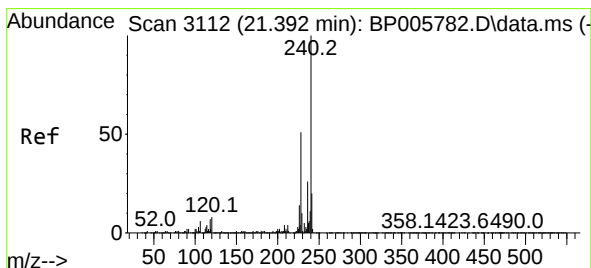
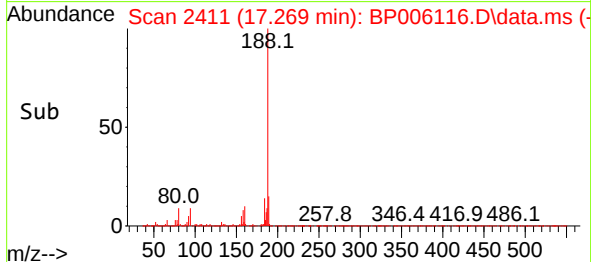
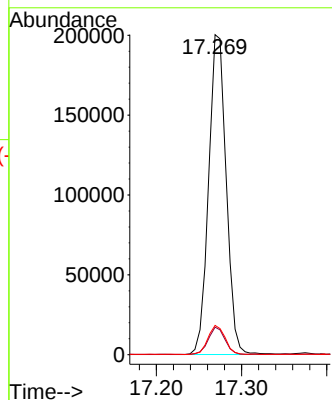
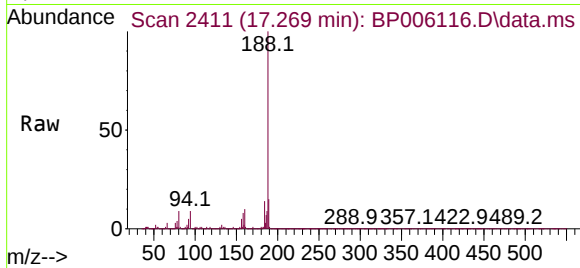




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

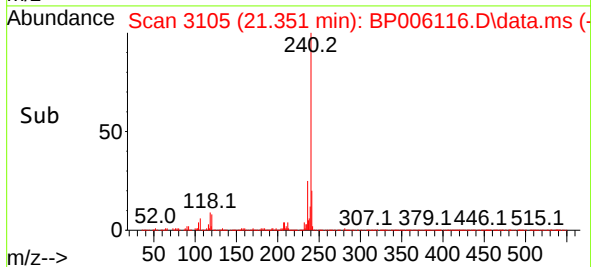
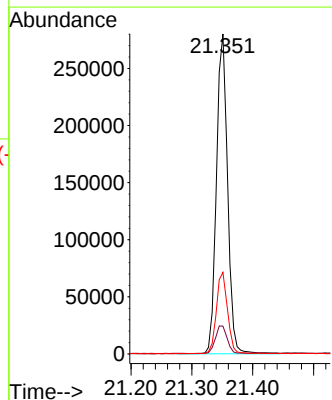
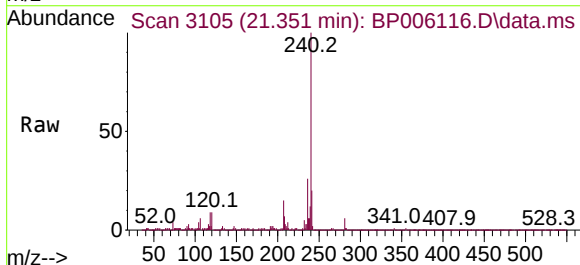
Instrument :
BNA_P
ClientSampleId :
MW-2

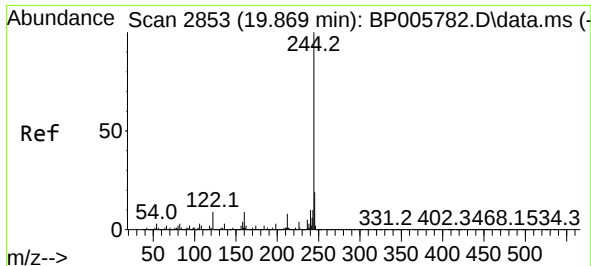
Tgt Ion:188 Resp: 286789
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006116.D
Acq: 30 Jun 2021 19:57

Tgt Ion:240 Resp: 355926
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.5 20.6 31.0



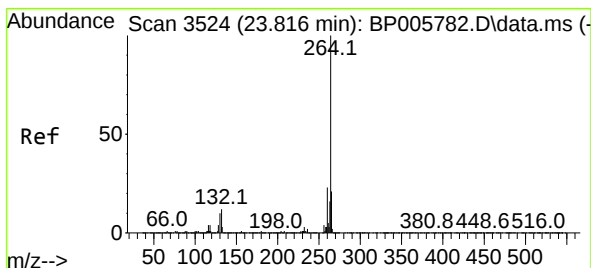
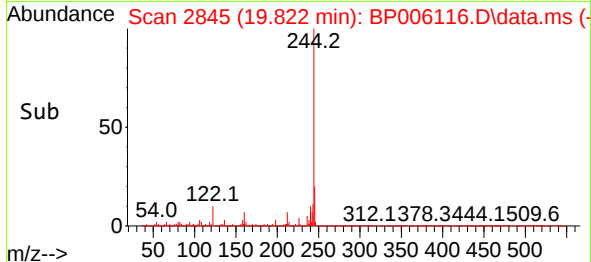
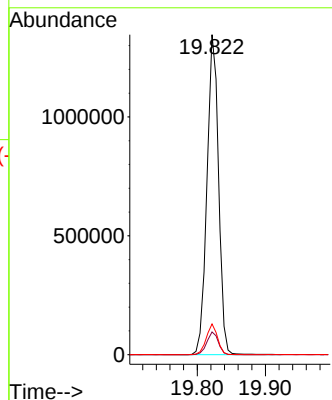
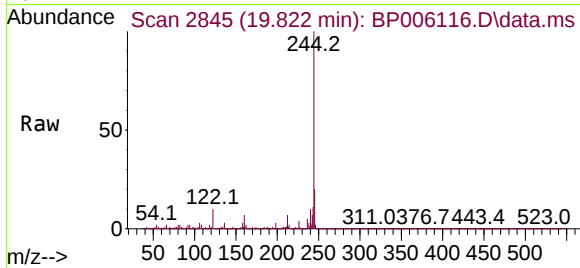


#79
 Terphenyl-d14
 Concen: 83.84 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BP006116.D
 Acq: 30 Jun 2021 19:57

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1593734

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.6	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. -0.006 min
 Lab File: BP006116.D
 Acq: 30 Jun 2021 19:57

Tgt Ion:264 Resp: 437322

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.8	17.6	26.4

