

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006115.D
 Acq On : 30 Jun 2021 19:23
 Operator : CG/JU
 Sample : M2875-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-3

Quant Time: Jul 01 03:07:32 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)

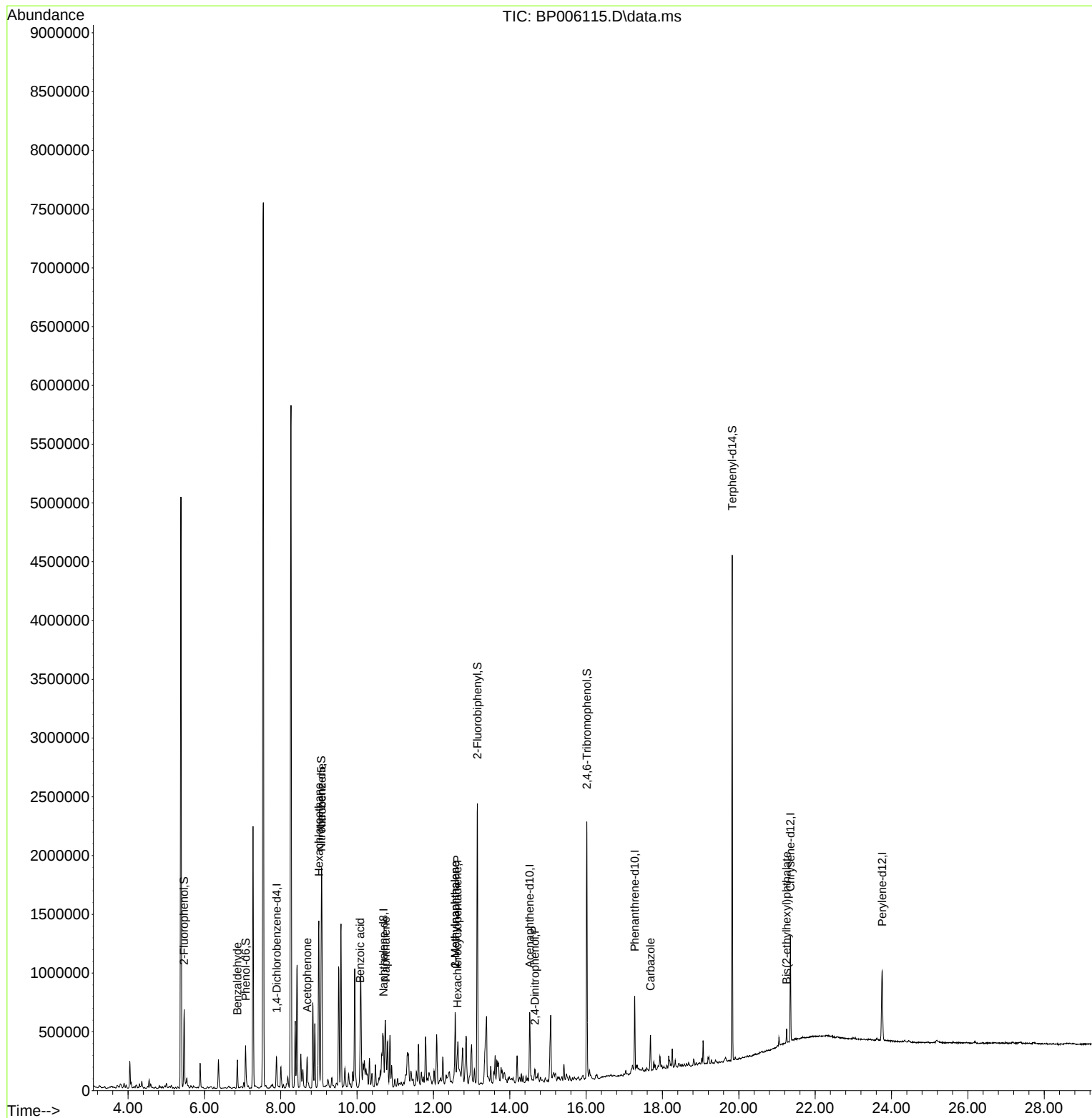
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	76134	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	288988	20.00	ng	0.00
39) Acenaphthene-d10	14.522	164	188895	20.00	ng	0.00
64) Phenanthrene-d10	17.275	188	378674	20.00	ng	0.00
76) Chrysene-d12	21.351	240	422958	20.00	ng	# 0.00
86) Perylene-d12	23.757	264	478881	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.470	112	314945	66.38	ng	0.00
7) Phenol-d6	7.081	99	228337	37.13	ng	0.00
23) Nitrobenzene-d5	9.063	82	533151	90.45	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	481854	148.65	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	1247383	86.71	ng	0.00
79) Terphenyl-d14	19.828	244	1950491	86.35	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.864	77	7751	2.96	ng	# 48
18) Hexachloroethane	8.999	117	216834	96.63	ng	# 1
22) Acetophenone	8.693	105	200609	26.37	ng	# 58
24) Nitrobenzene	9.075	77	43390	7.09	ng	# 7
31) Naphthalene	10.746	128	123027	7.36	ng	# 80
32) Benzoic acid	10.081	122	247	6.39	ng	# 1
37) 2-Methylnaphthalene	12.569	142	229801	19.30	ng	94
38) 1-Methylnaphthalene	12.569	142	229897	20.50	ng	97
41) Hexachlorocyclopentadiene	12.628	237	21	5.51	ng	85
54) 2,4-Dinitrophenol	14.657	184	27	4.86	ng	# 1
73) Carbazole	17.686	167	190866	8.88	ng	99
84) Bis(2-ethylhexyl)phtha...	21.251	149	41864	2.35	ng	96

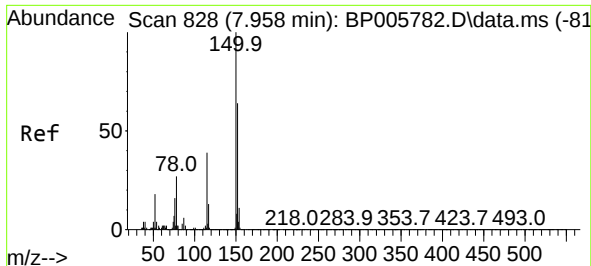
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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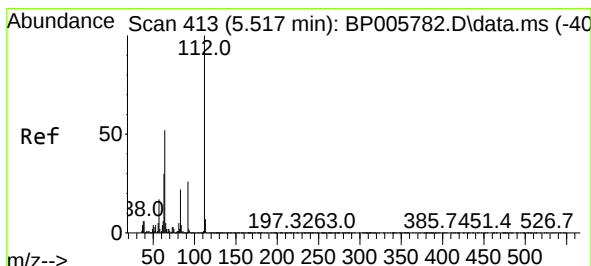
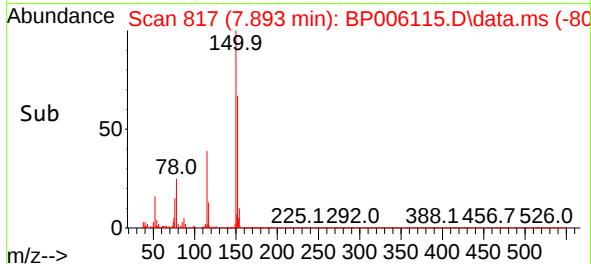
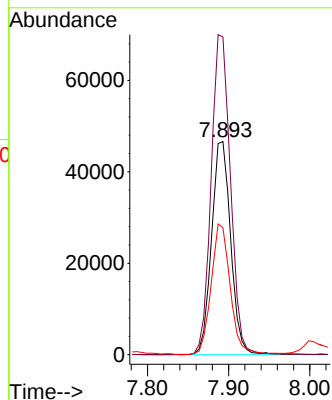
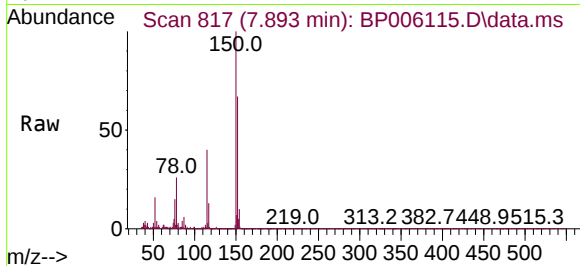




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

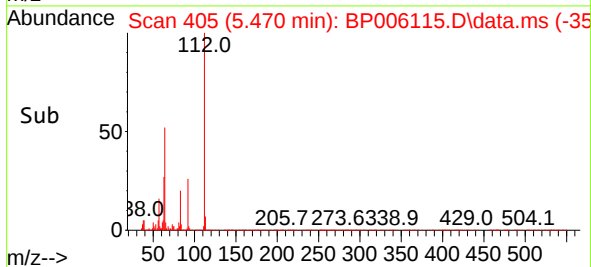
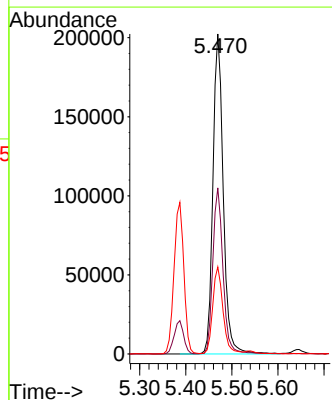
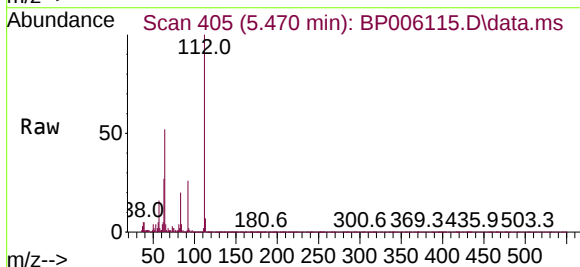
Instrument :
BNA_P
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MW-3

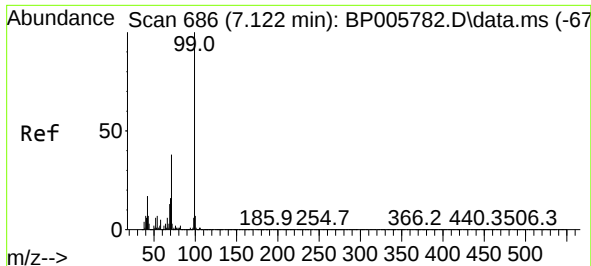
Tgt Ion:152 Resp: 76134
Ion Ratio Lower Upper
152 100
150 149.1 125.6 188.4
115 59.6 48.5 72.7



#5
2-Fluorophenol
Concen: 66.38 ng
RT: 5.470 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:112 Resp: 314945
Ion Ratio Lower Upper
112 100
64 51.9 41.4 62.2
63 27.2 23.8 35.8

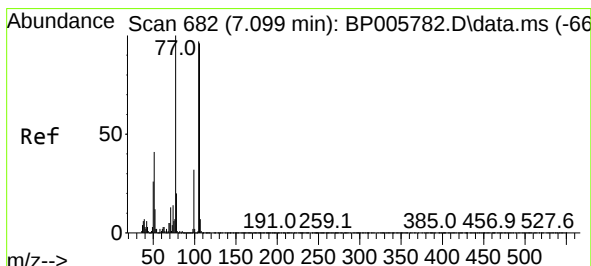
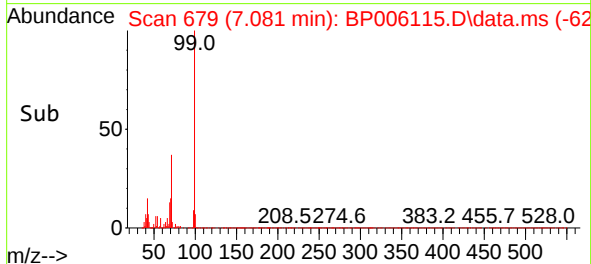
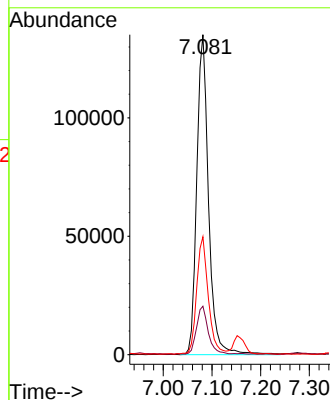
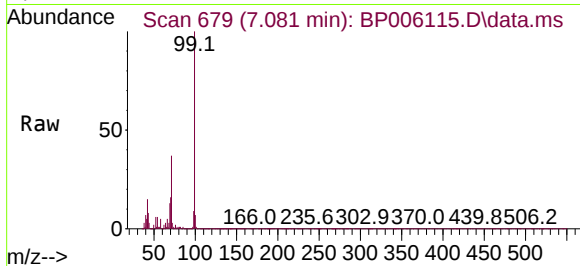




#7
Phenol-d6
Concen: 37.13 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

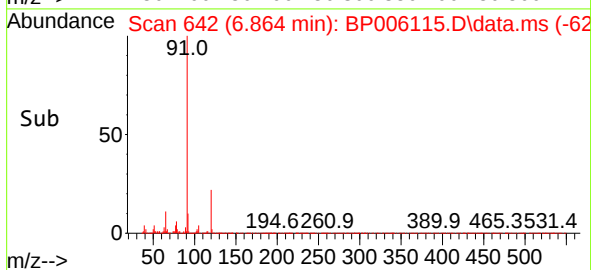
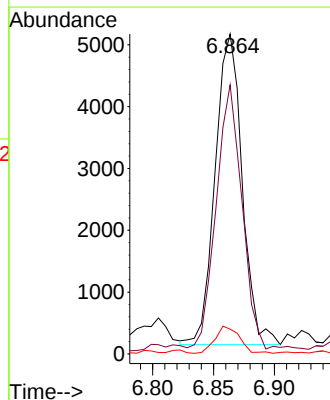
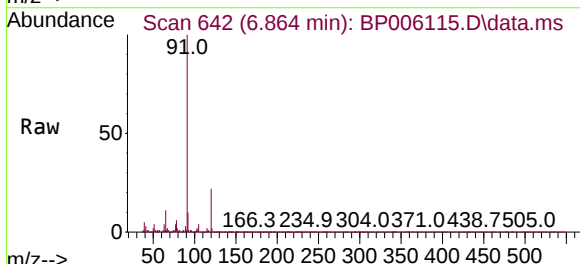
Instrument :
BNA_P
ClientSampleId :
MW-3

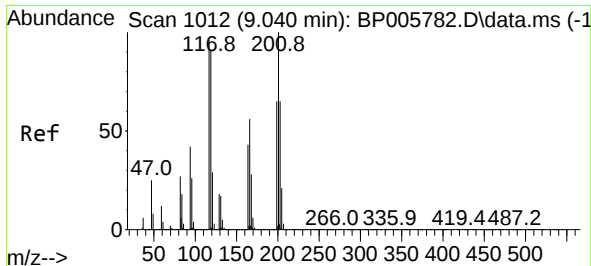
Tgt Ion: 99 Resp: 228337
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 36.8 30.6 46.0



#9
Benzaldehyde
Concen: 2.96 ng
RT: 6.864 min Scan# 642
Delta R.T. -0.170 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion: 77 Resp: 7751
Ion Ratio Lower Upper
77 100
105 84.1 76.7 116.7
106 7.7 76.2 116.2#

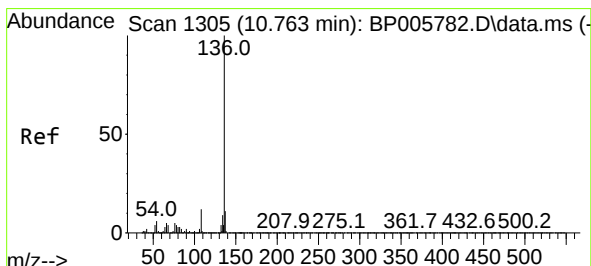
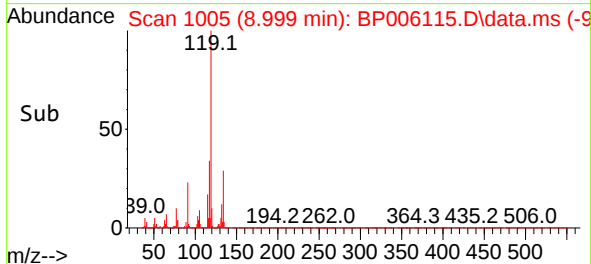
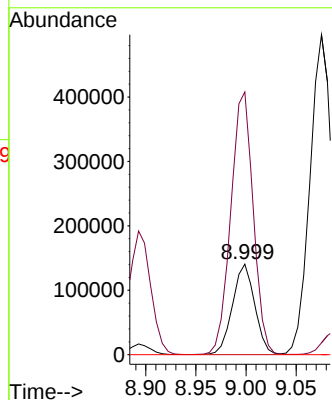
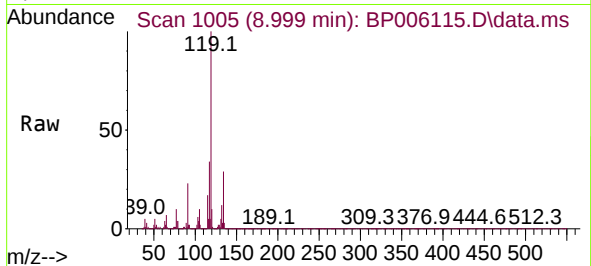




#18
Hexachloroethane
Concen: 96.63 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.035 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

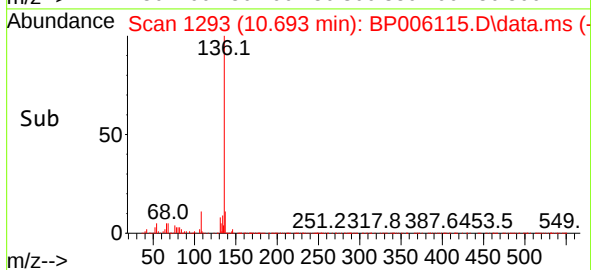
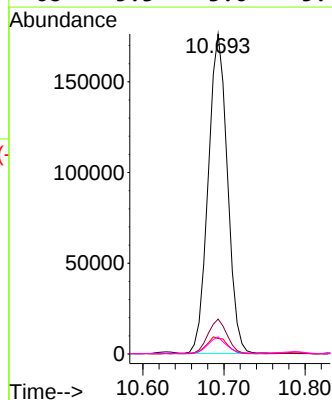
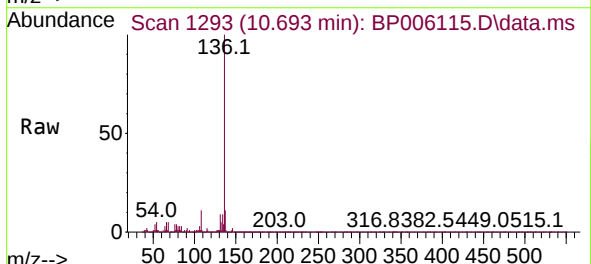
Instrument :
BNA_P
ClientSampleId :
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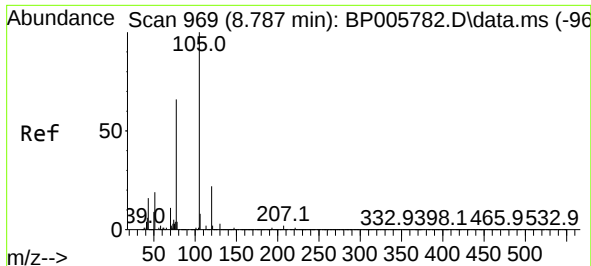
Tgt Ion:117 Resp: 216834
Ion Ratio Lower Upper
117 100
119 290.3 76.2 114.2#
201 0.0 83.4 125.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:136 Resp: 288988
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 4.8 4.6 6.8
68 5.3 3.6 5.4

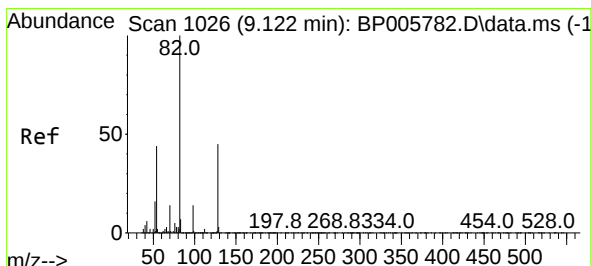
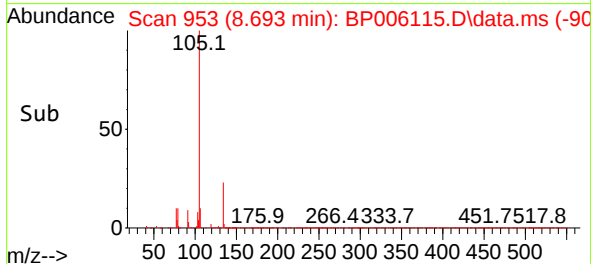
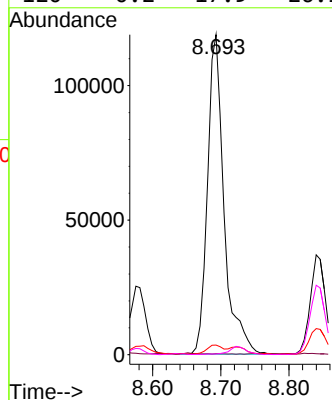
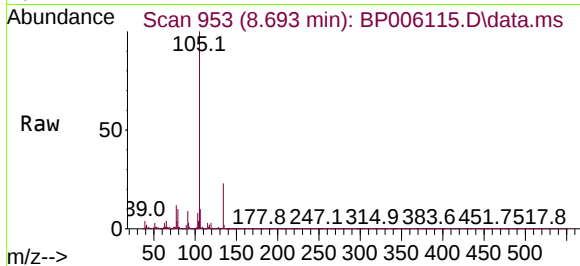




#22
Acetophenone
Concen: 26.37 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

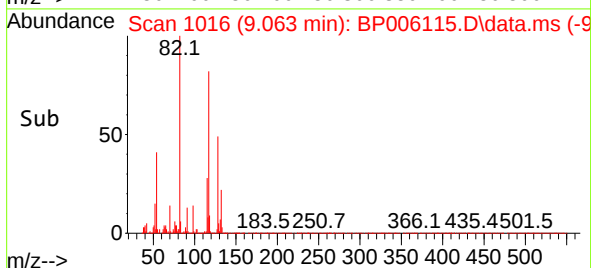
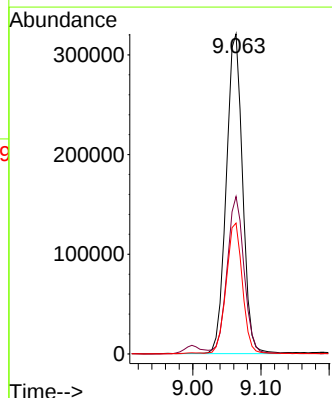
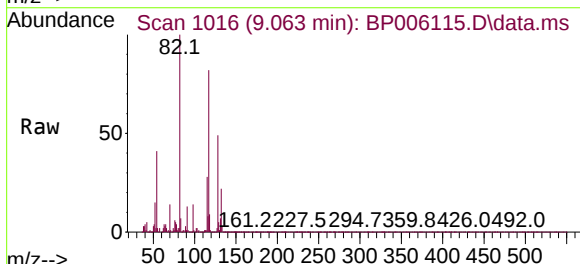
Instrument :
BNA_P
ClientSampleId :
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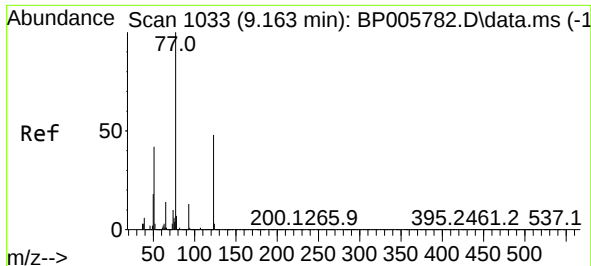
Tgt Ion:	105	Resp:	200609
Ion Ratio	Lower	Upper	
105	100		
71	0.3	1.9	2.9#
51	3.0	18.4	27.6#
120	0.2	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 90.45 ng
RT: 9.063 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:	82	Resp:	533151
Ion Ratio	Lower	Upper	
82	100		
128	49.2	35.7	53.5
54	40.9	35.0	52.4

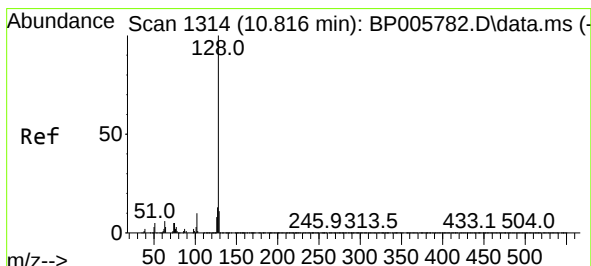
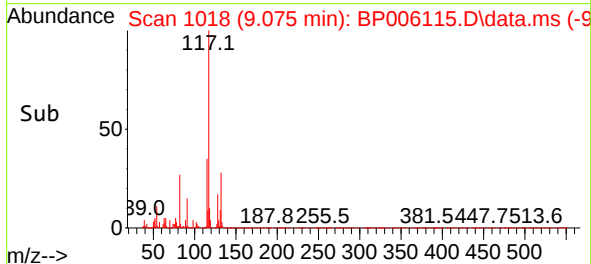
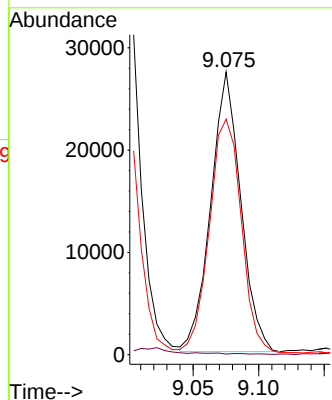
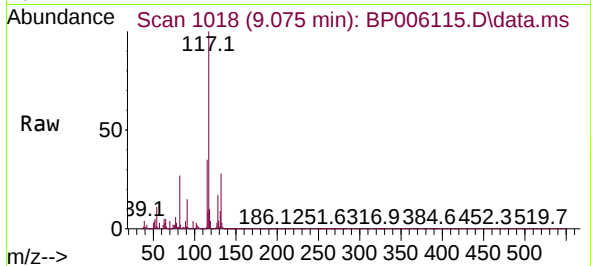




#24
Nitrobenzene
Concen: 7.09 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.029 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

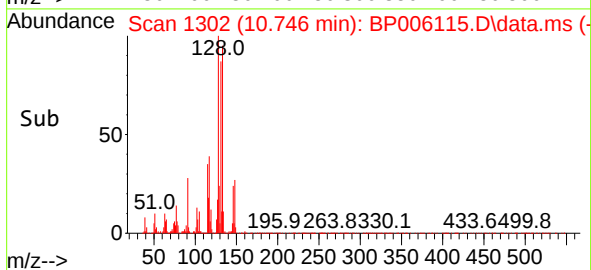
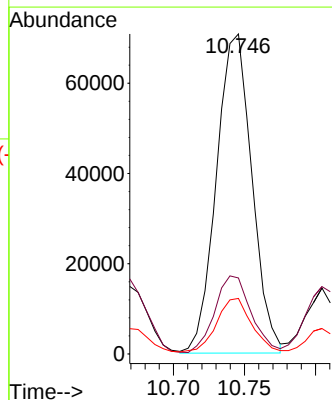
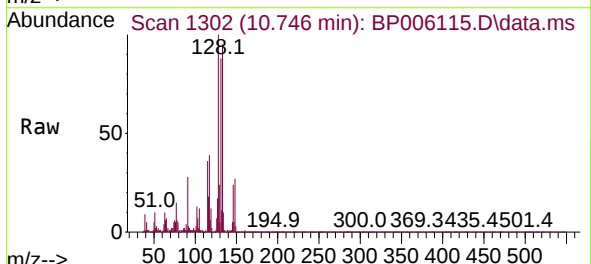
Instrument :
BNA_P
ClientSampled :
MW-3

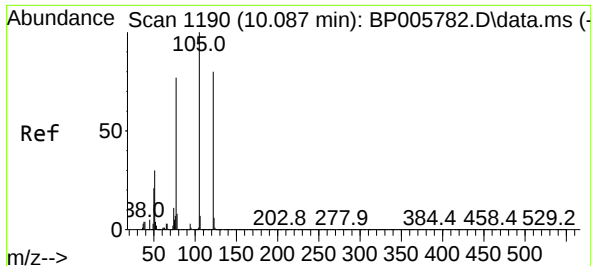
Tgt Ion: 77 Resp: 43390
Ion Ratio Lower Upper
77 100
123 0.2 38.2 57.2#
65 83.3 11.4 17.2#



#31
Naphthalene
Concen: 7.36 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion: 128 Resp: 123027
Ion Ratio Lower Upper
128 100
129 23.7 9.0 13.6#
127 17.3 10.7 16.1#

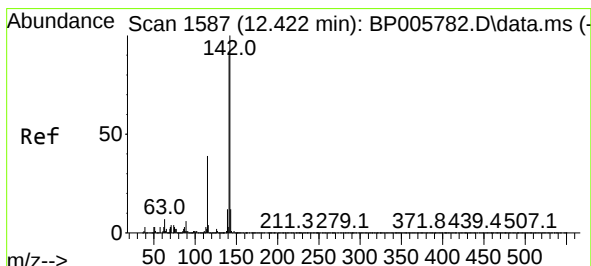
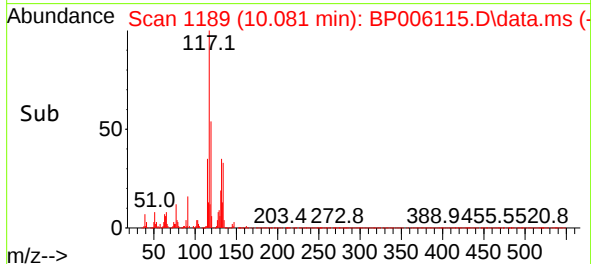
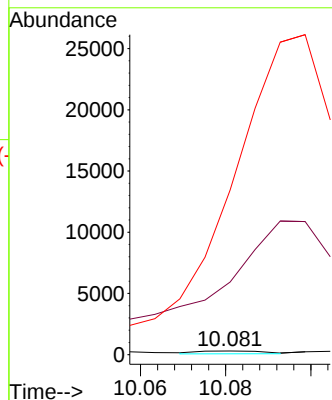
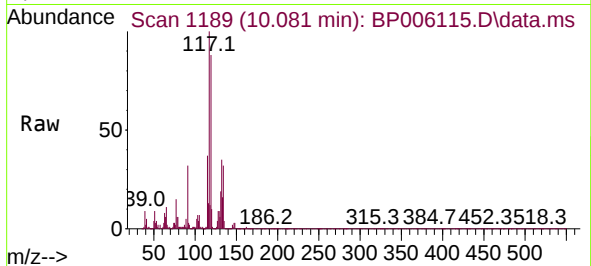




#32
Benzoic acid
Concen: 6.39 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

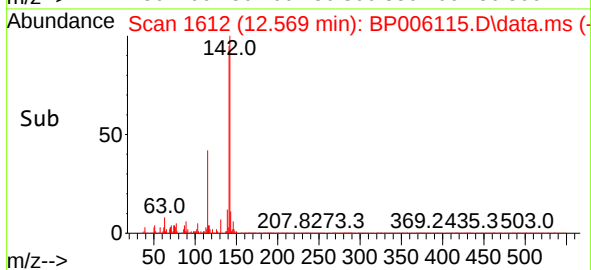
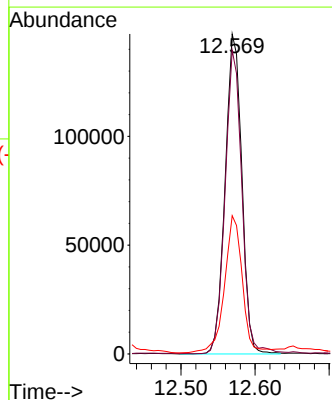
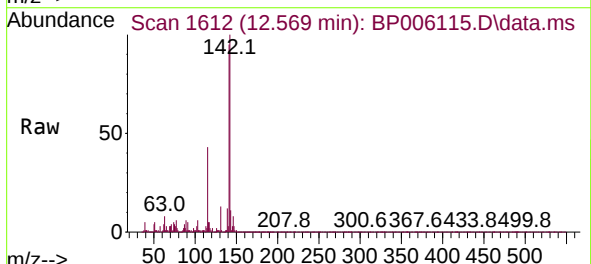
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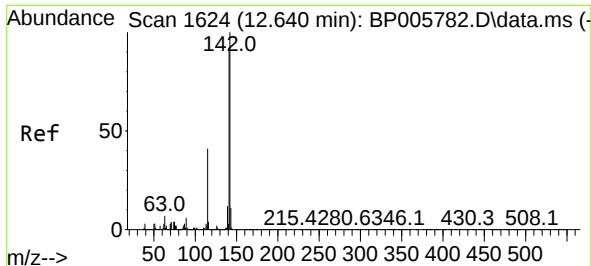
Tgt Ion:122 Resp: 247
Ion Ratio Lower Upper
122 100
105 1977.7 103.2 143.2#
77 4483.3 76.2 116.2#



#37
2-Methylnaphthalene
Concen: 19.30 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.212 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:142 Resp: 229801
Ion Ratio Lower Upper
142 100
141 94.9 71.8 107.6
115 43.2 31.6 47.4

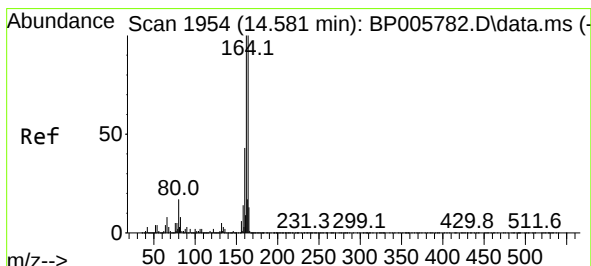
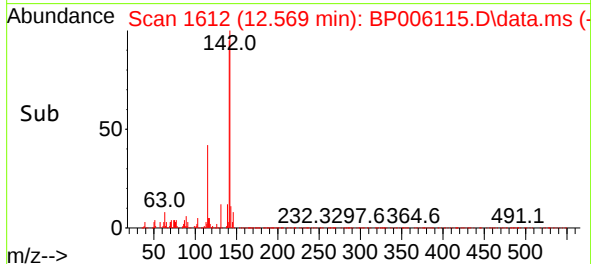
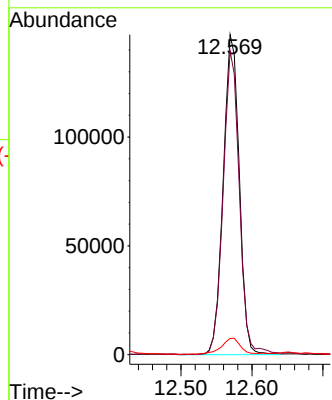
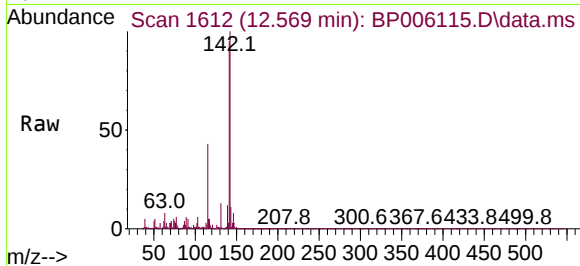




#38
1-Methylnaphthalene
Concen: 20.50 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

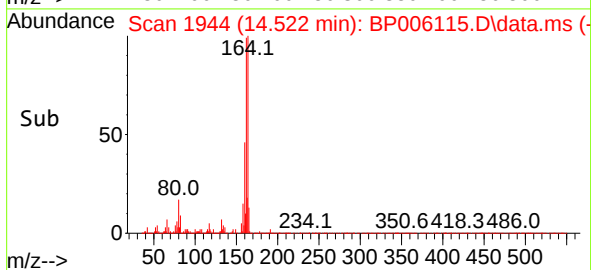
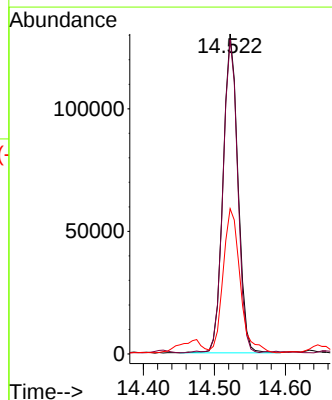
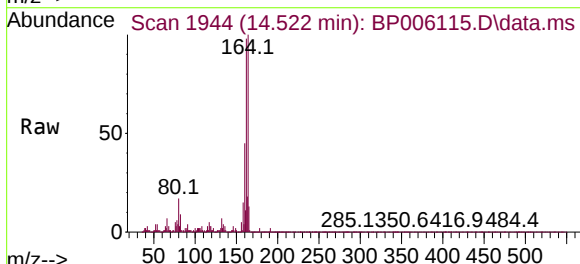
Instrument :
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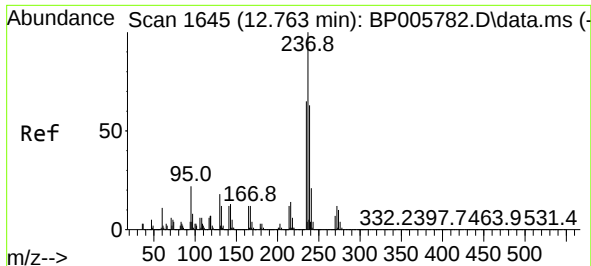
Tgt Ion:142 Resp: 229897
Ion Ratio Lower Upper
142 100
141 94.9 73.3 109.9
116 5.0 3.5 5.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:164 Resp: 188895
Ion Ratio Lower Upper
164 100
162 98.3 80.2 120.2
160 45.4 34.5 51.7

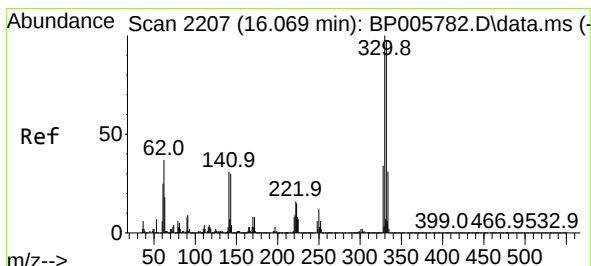
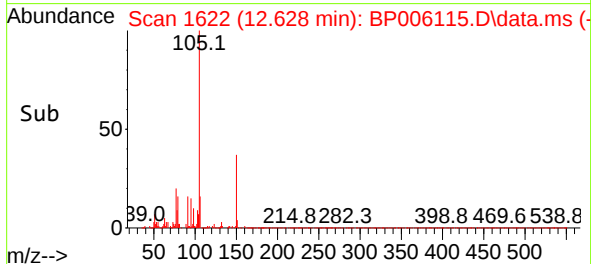
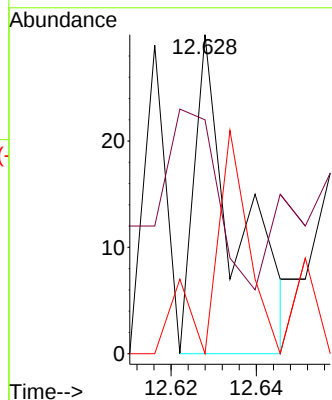
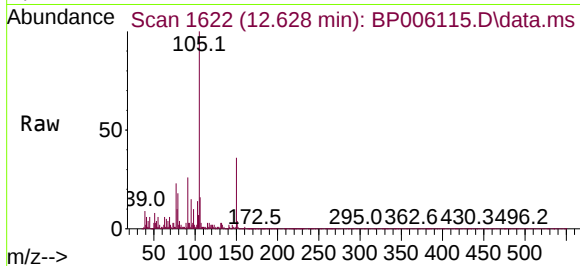




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.628 min Scan# 1622
Delta R.T. -0.070 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

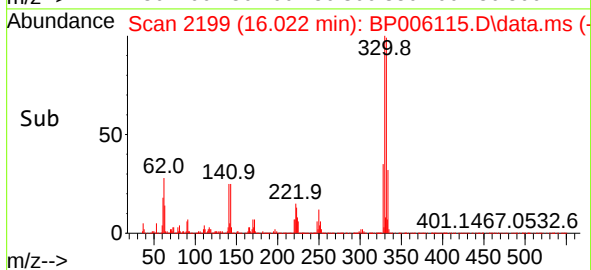
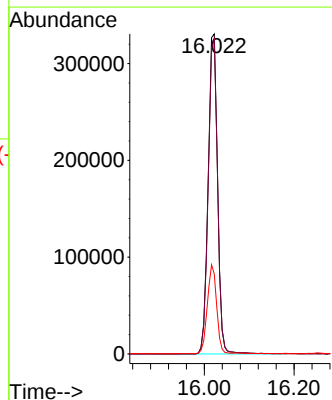
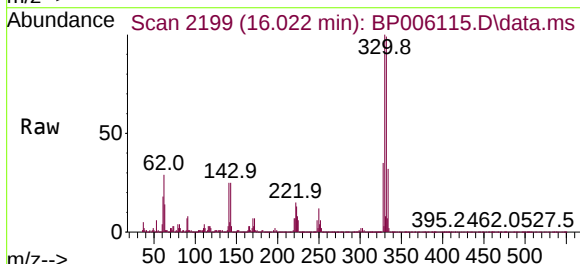
Instrument :
BNA_P
ClientSampleId :
MW-3

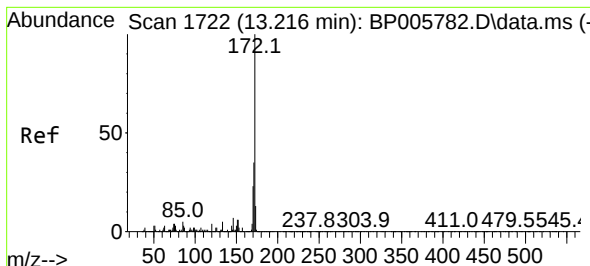
Tgt Ion:	237	Resp:	21
Ion	Ratio	Lower	Upper
237	100		
235	73.3	44.5	84.5
272	0.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 148.65 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:	330	Resp:	481854
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.8	116.8
141	27.4	25.4	38.2

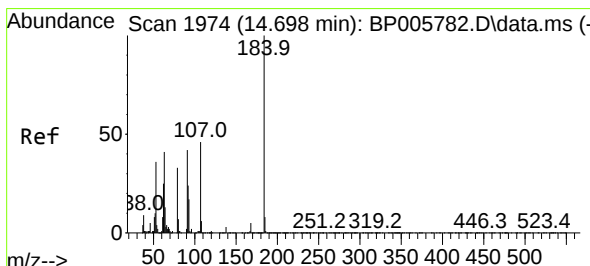
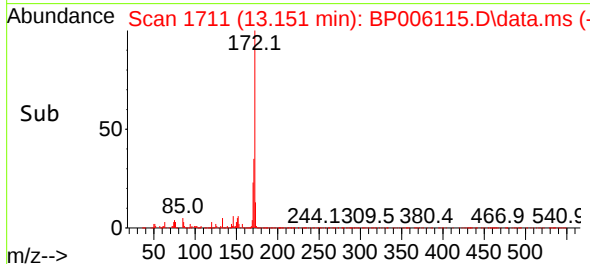
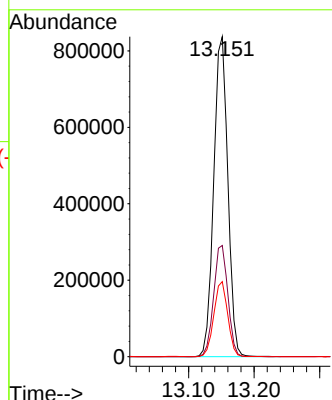
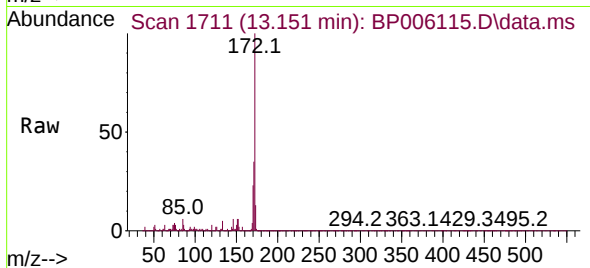




#45
2-Fluorobiphenyl
Concen: 86.71 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

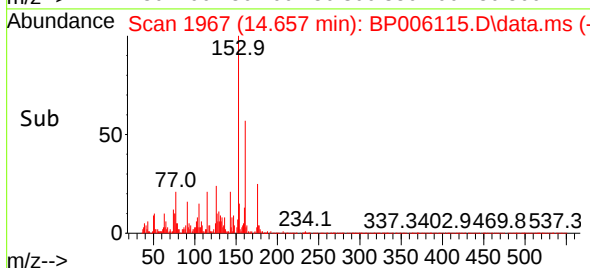
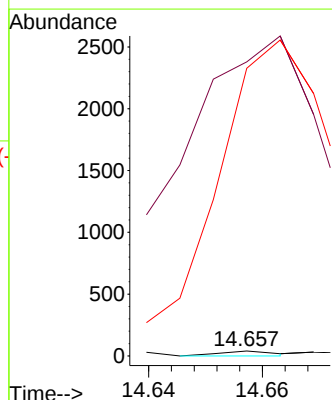
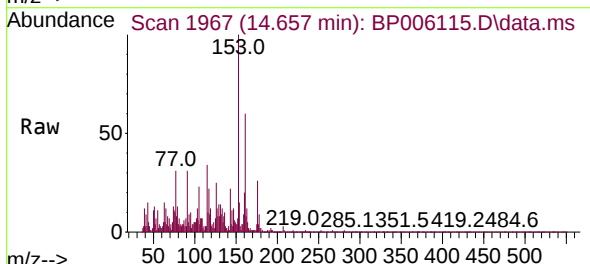
Instrument :
BNA_P
ClientSampleId :
MW-3

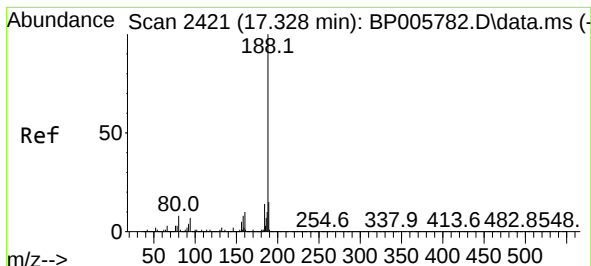
Tgt Ion:172 Resp: 1247383
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 5947.5 47.0 70.6#
154 5817.5 52.3 78.5#

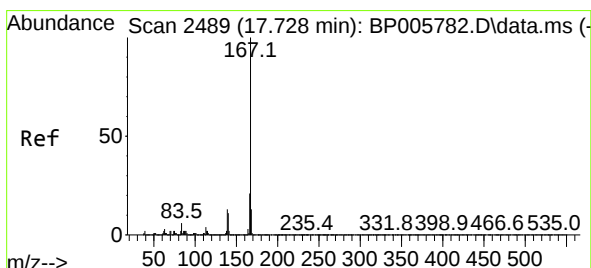
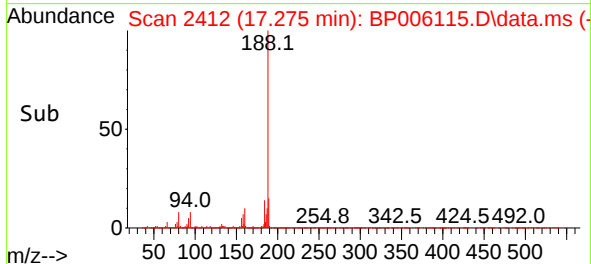
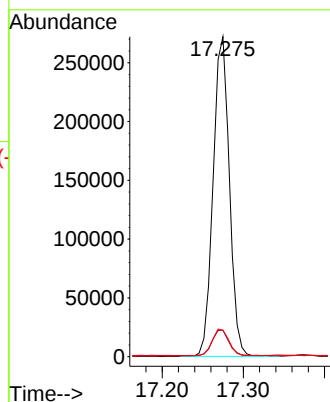
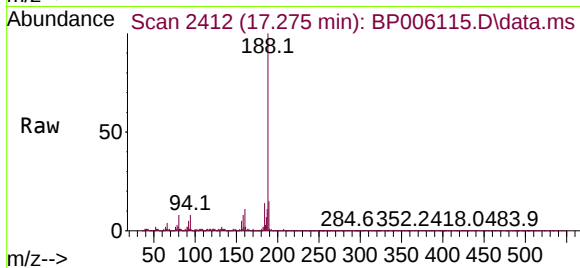




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

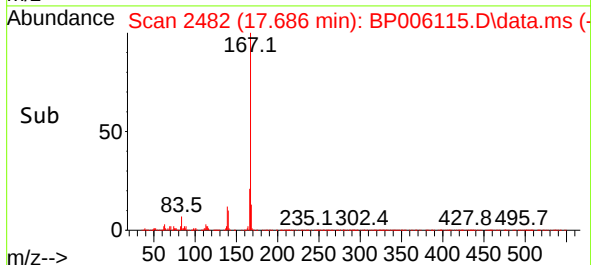
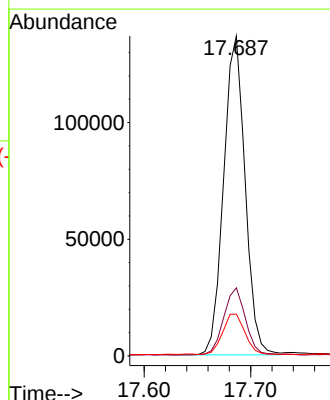
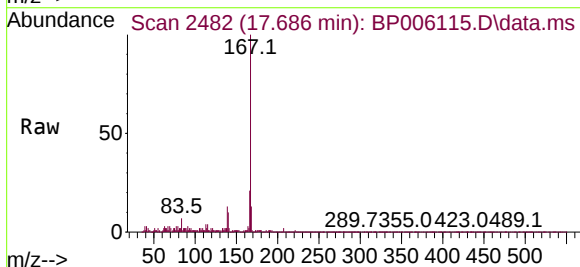
Instrument :
BNA_P
ClientSampleId :
MW-3

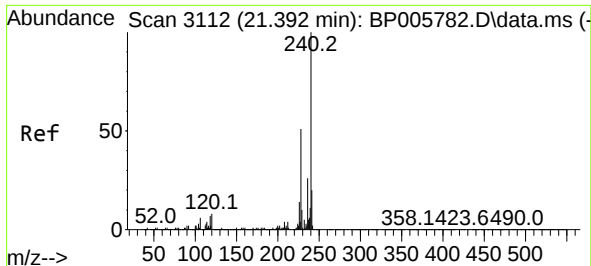
Tgt Ion:188 Resp: 378674
Ion Ratio Lower Upper
188 100
94 8.3 5.6 8.4
80 8.2 6.3 9.5



#73
Carbazole
Concen: 8.88 ng
RT: 17.686 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:167 Resp: 190866
Ion Ratio Lower Upper
167 100
166 21.3 17.1 25.7
139 13.0 10.7 16.1

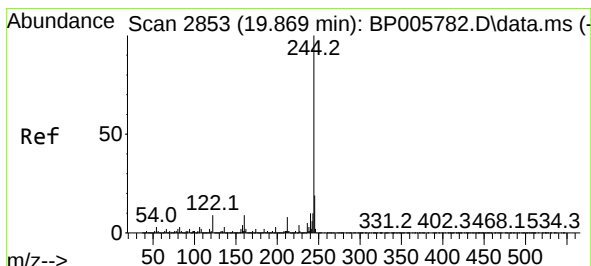
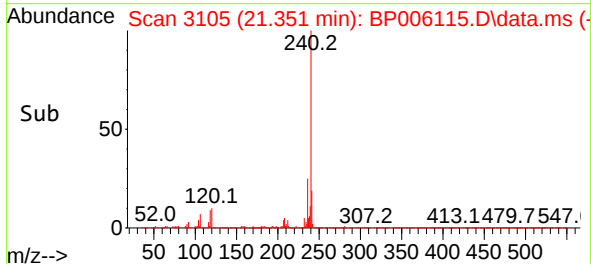
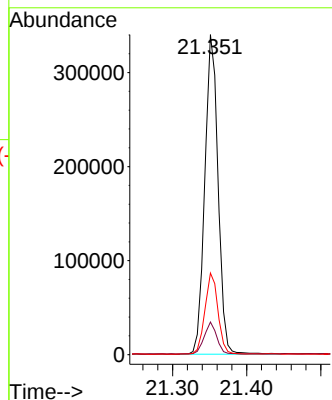
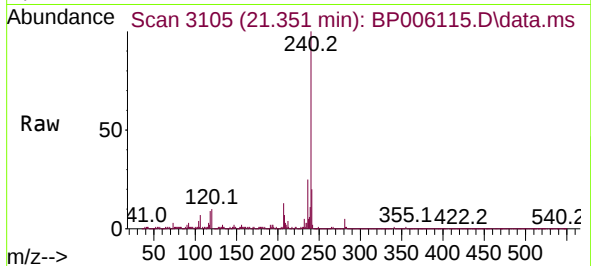




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

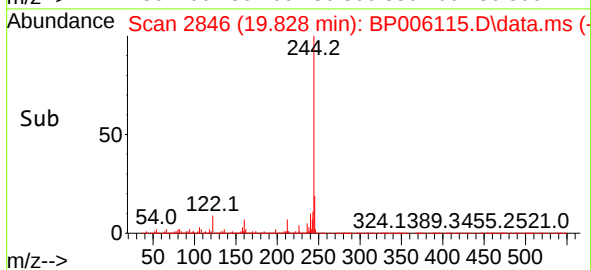
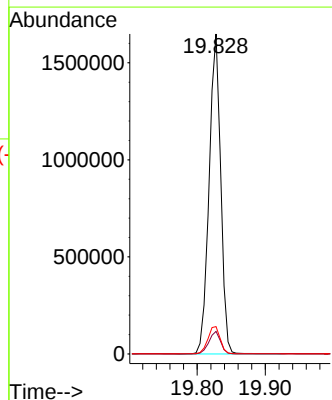
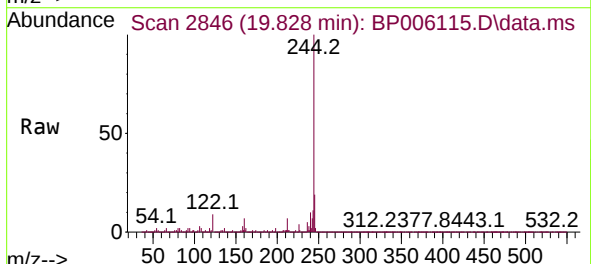
Instrument :
BNA_P
ClientSampleId :
MW-3

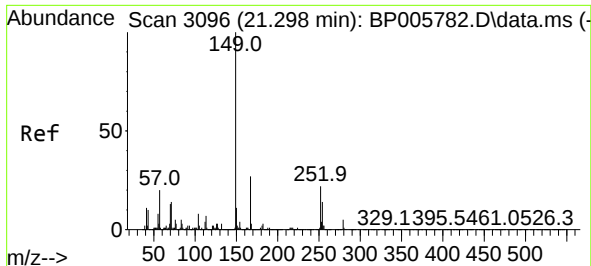
Tgt Ion:240 Resp: 422958
Ion Ratio Lower Upper
240 100
120 10.2 6.5 9.7#
236 25.5 20.6 31.0



#79
Terphenyl-d14
Concen: 86.35 ng
RT: 19.828 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:244 Resp: 1950491
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 8.6 7.1 10.7

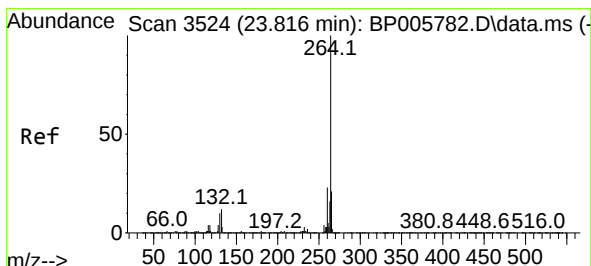
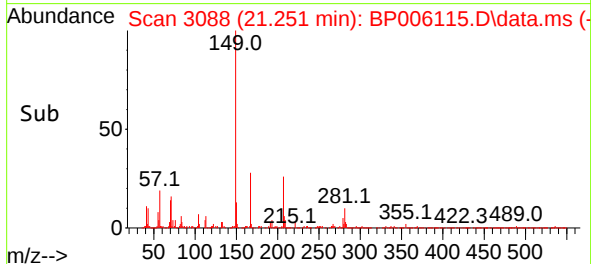
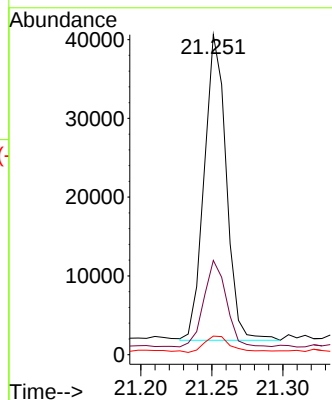
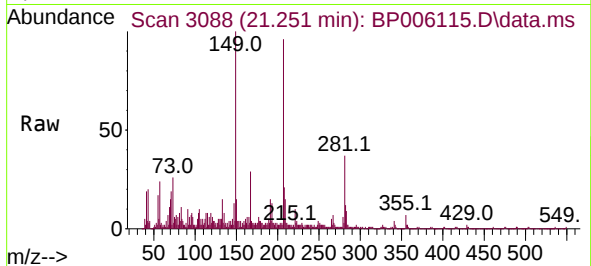




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.35 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Instrument :
BNA_P
ClientSampleId :
MW-3

Tgt Ion:	149	Resp:	41864
Ion Ratio	Lower	Upper	
149	100		
167	29.5	21.9	32.9
279	5.8	4.3	6.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.757 min Scan# 3514
Delta R.T. 0.000 min
Lab File: BP006115.D
Acq: 30 Jun 2021 19:23

Tgt Ion:	264	Resp:	478881
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.6	28.0
265	21.8	17.6	26.4

