

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
 Data File : BP005650.D
 Acq On : 28 May 2021 21:26
 Operator : CG/JU
 Sample : M2556-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-5B

Quant Time: May 28 22:55:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 16:11:11 2021
 Response via : Initial Calibration

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

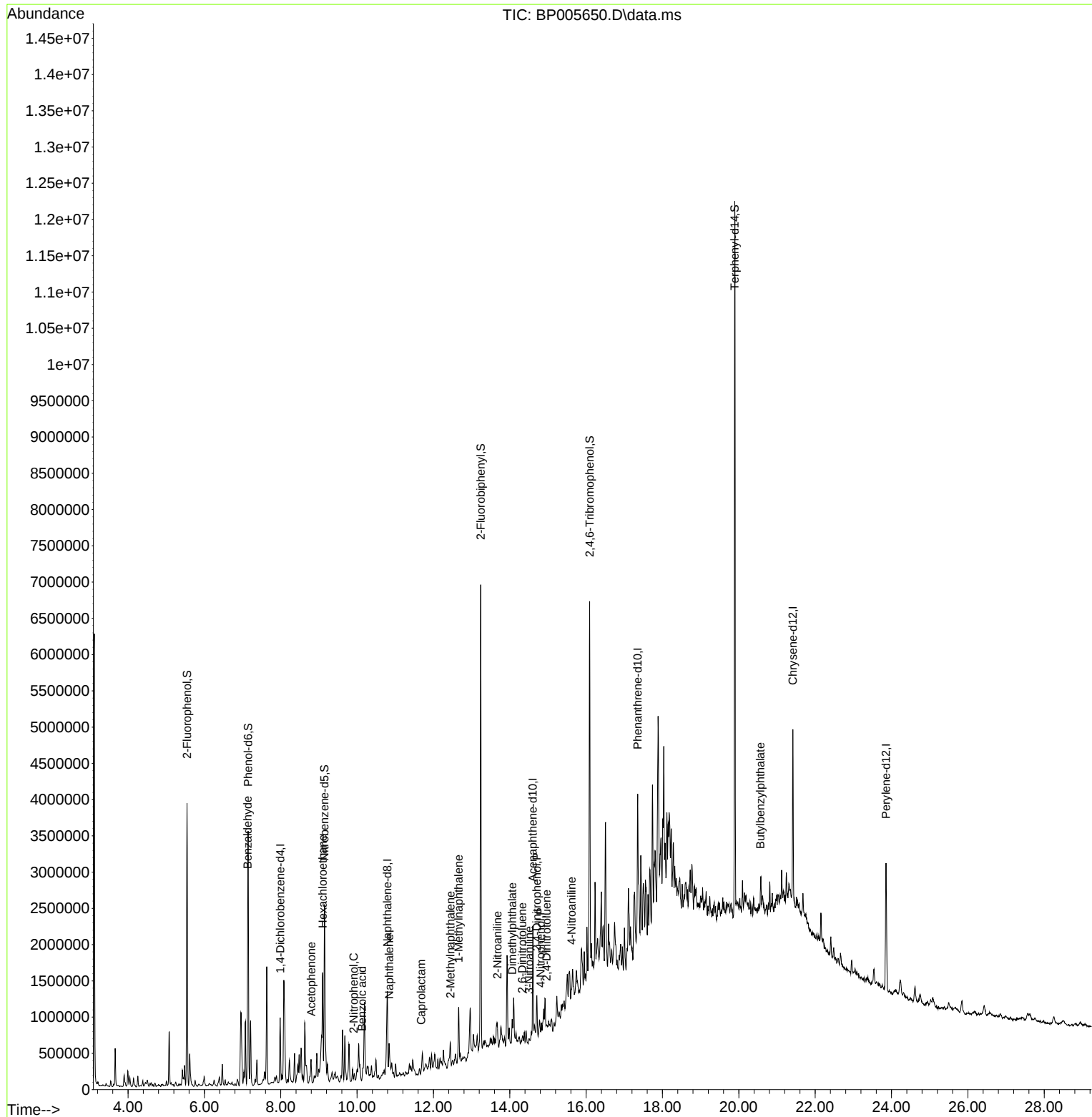
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	208721	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	837576	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	527125	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1073592	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1148500	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1337711	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1590464	118.47	ng	0.00
7) Phenol-d6	7.146	99	1726374	94.33	ng	0.00
23) Nitrobenzene-d5	9.146	82	1411715	93.74	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	980642	145.08	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	3218480	80.80	ng	0.00
79) Terphenyl-d14	19.892	244	4715821	77.05	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.134	77	47188	5.96	ng	# 1
18) Hexachloroethane	9.099	117	119124	19.41	ng	# 1
22) Acetophenone	8.799	105	208922	9.35	ng	# 60
26) 2-Nitrophenol	9.911	139	317	4.20	ng	# 1
31) Naphthalene	10.840	128	184766	3.70	ng	# 94
32) Benzoic acid	10.134	122	118	5.03	ng	# 1
35) Caprolactam	11.681	113	29035	7.68	ng	# 47
37) 2-Methylnaphthalene	12.446	142	119349	3.38	ng	# 88
38) 1-Methylnaphthalene	12.663	142	273659	8.16	ng	# 94
48) 2-Nitroaniline	13.675	65	1830	4.69	ng	# 42
50) Dimethylphthalate	14.063	163	228742	5.46	ng	# 98
51) 2,6-Dinitrotoluene	14.328	165	671	5.12	ng	# 90
53) 3-Nitroaniline	14.510	138	328	3.69	ng	# 43
54) 2,4-Dinitrophenol	14.710	184	381	6.62	ng	# 1
56) 4-Nitrophenol	14.810	139	906	3.85	ng	# 69
57) 2,4-Dinitrotoluene	14.963	165	1325	4.37	ng	# 57
62) 4-Nitroaniline	15.616	138	411	3.67	ng	# 26
80) Butylbenzylphthalate	20.563	149	2548	4.20	ng	# 1

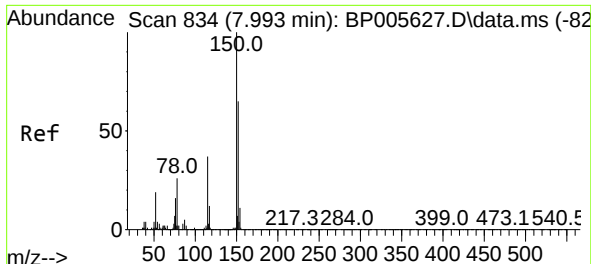
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052821\
Data File : BP005650.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
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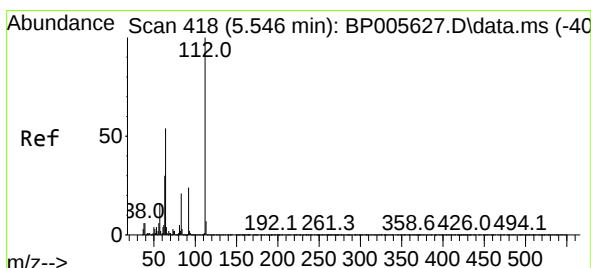
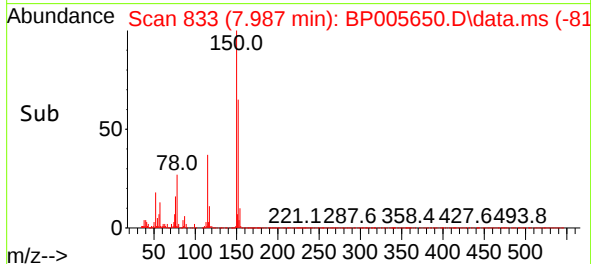
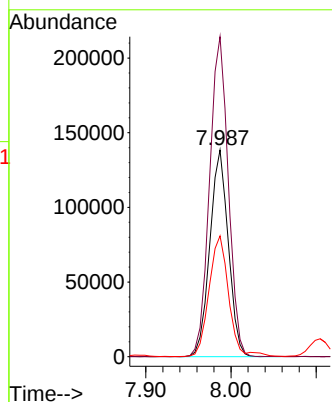
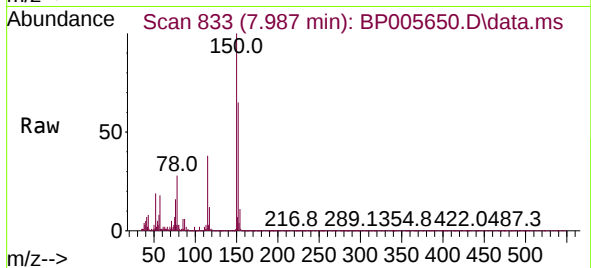




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

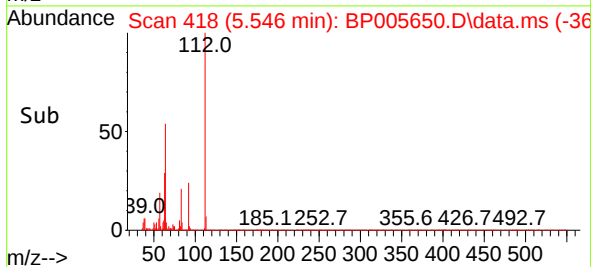
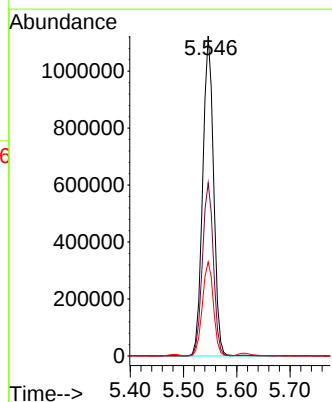
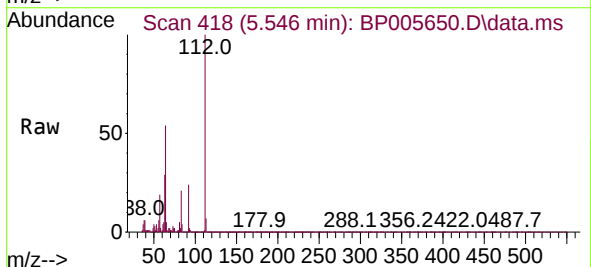
Instrument :
BNA_P
ClientSampleId :
MW-5B

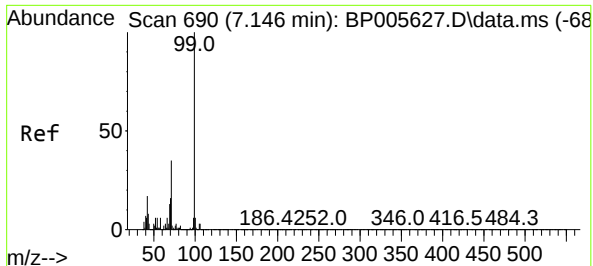
Tgt Ion:152 Resp: 208721
Ion Ratio Lower Upper
152 100
150 154.8 119.8 179.8
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 118.47 ng
RT: 5.546 min Scan# 418
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:112 Resp: 1590464
Ion Ratio Lower Upper
112 100
64 54.1 33.6 50.4#
63 29.4 18.6 27.8#



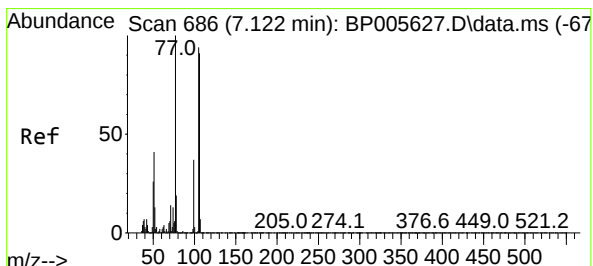
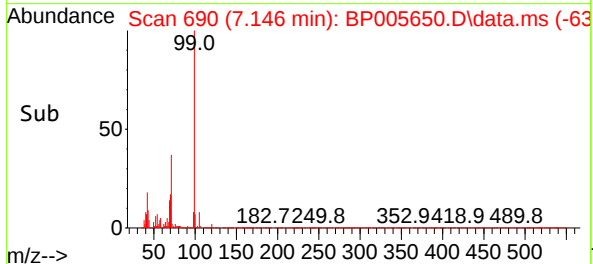
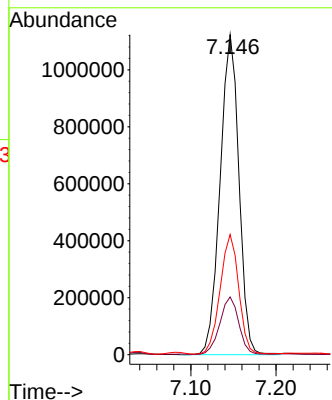
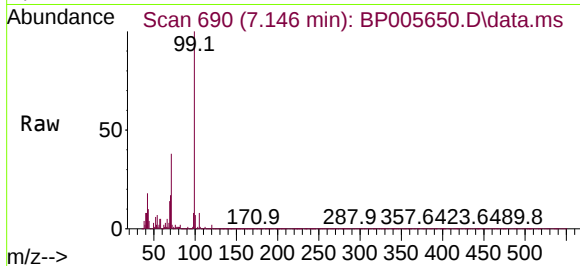


#7
Phenol-d6
Concen: 94.33 ng
RT: 7.146 min Scan# 690
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Instrument :
BNA_P
ClientSampleId :
MW-5B

Tgt Ion: 99 Resp: 1726374

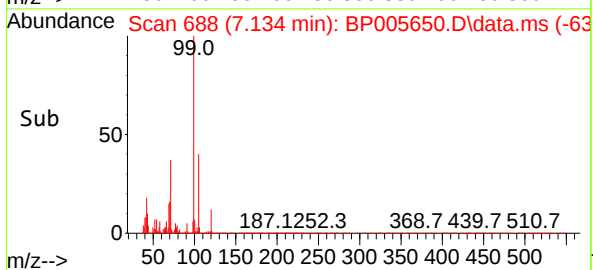
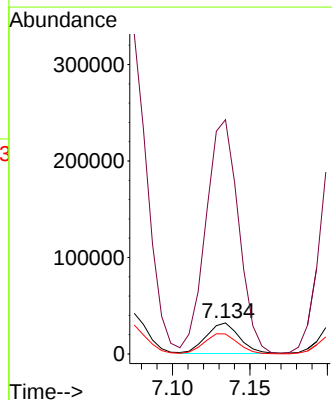
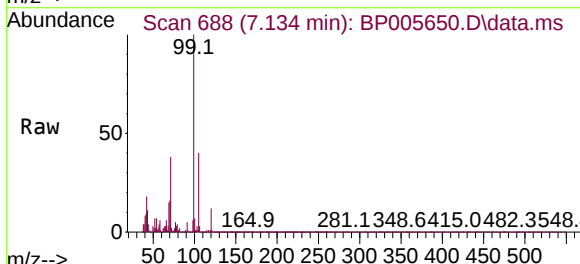
Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.9	19.3
71	37.6	26.7	40.1

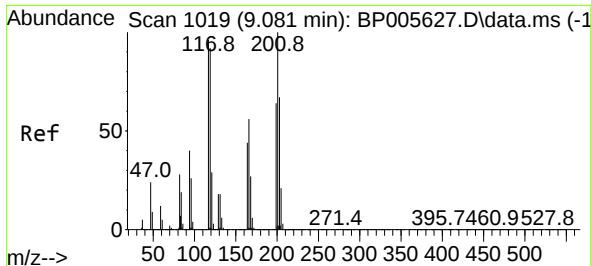


#9
Benzaldehyde
Concen: 5.96 ng
RT: 7.134 min Scan# 688
Delta R.T. 0.012 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion: 77 Resp: 47188

Ion	Ratio	Lower	Upper
77	100		
105	755.2	89.4	129.4#
106	64.7	79.9	119.9#

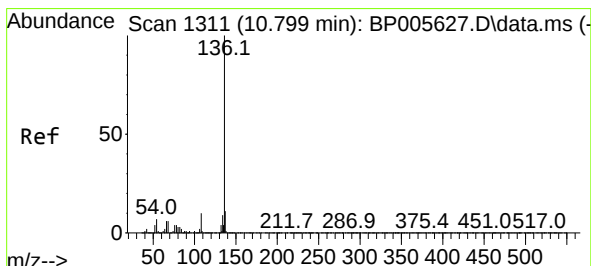
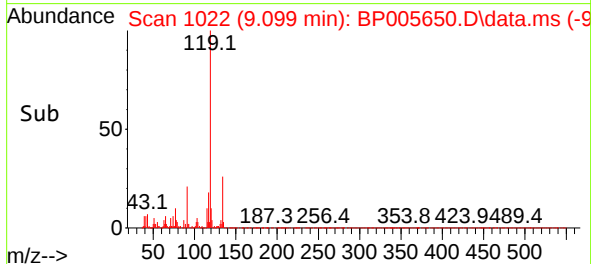
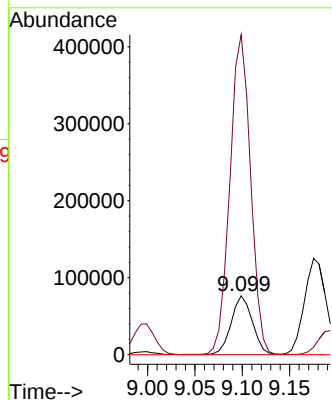
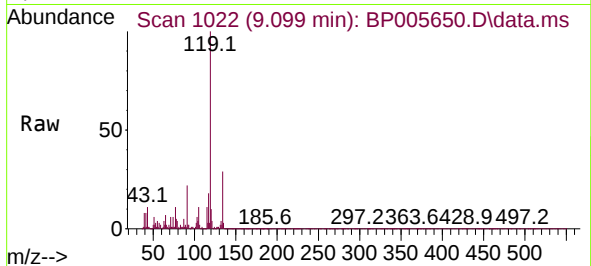




#18
Hexachloroethane
Concen: 19.41 ng
RT: 9.099 min Scan# 1022
Delta R.T. 0.018 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

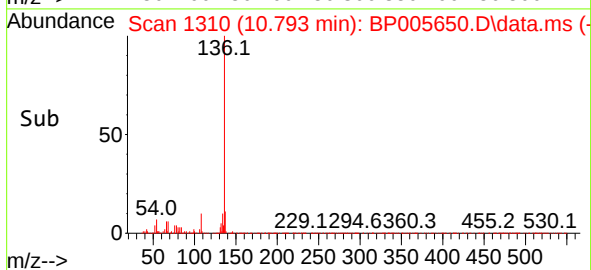
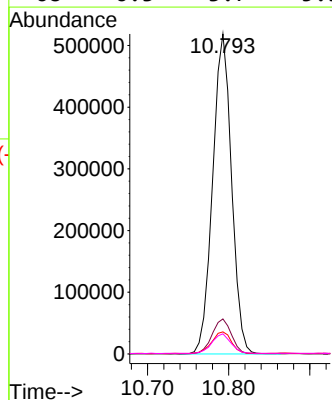
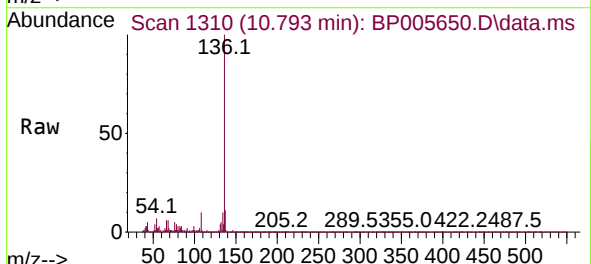
Instrument :
BNA_P
ClientSampleId :
MW-5B

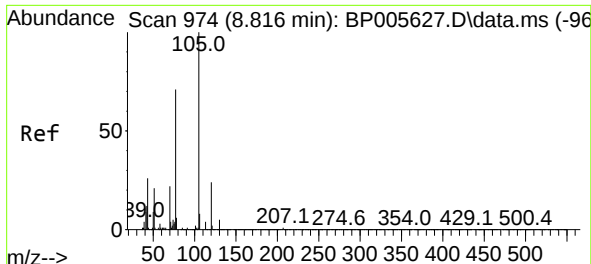
Tgt Ion:117 Resp: 119124
Ion Ratio Lower Upper
117 100
119 543.3 80.1 120.1#
201 0.0 98.8 148.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:136 Resp: 837576
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 6.9 5.0 7.4
68 6.3 3.7 5.5#

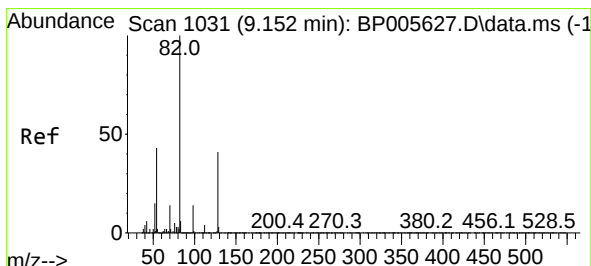
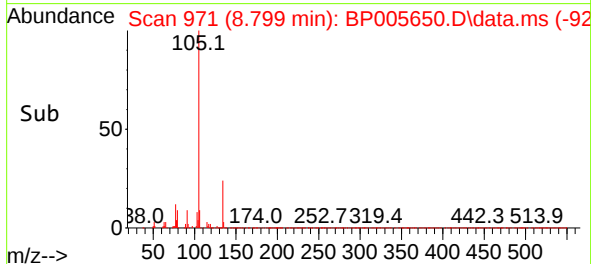
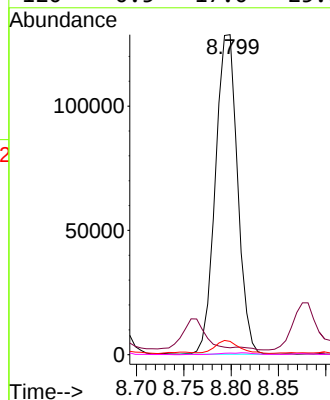
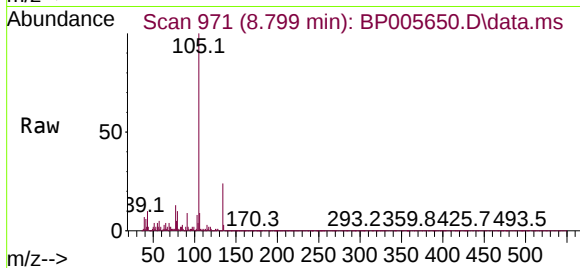




#22
Acetophenone
Concen: 9.35 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.018 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

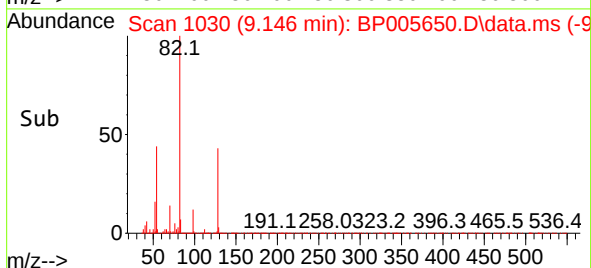
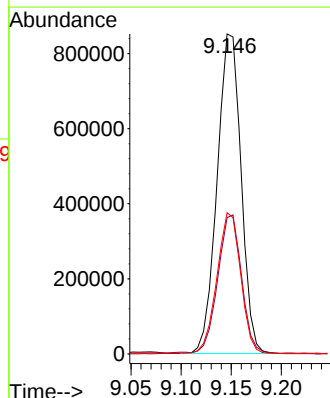
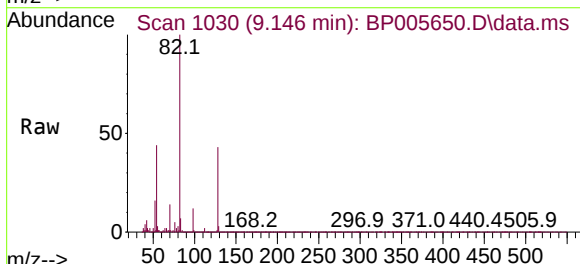
Instrument :
BNA_P
ClientSampled :
MW-5B

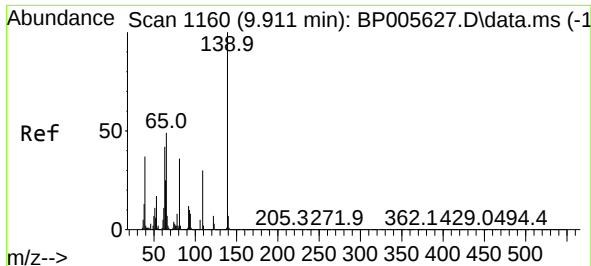
Tgt Ion:	105	Resp:	208922
Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.9	1.3#
51	4.2	18.2	27.2#
120	0.5	17.0	25.6#



#23
Nitrobenzene-d5
Concen: 93.74 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:	82	Resp:	1411715
Ion	Ratio	Lower	Upper
82	100		
128	42.6	30.5	45.7
54	44.1	33.9	50.9

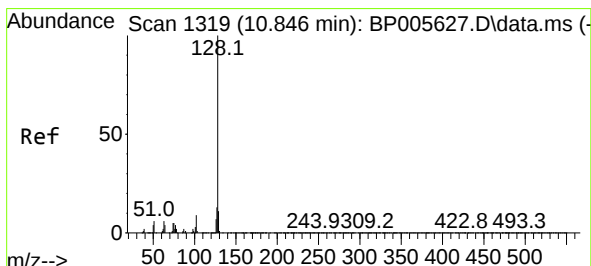
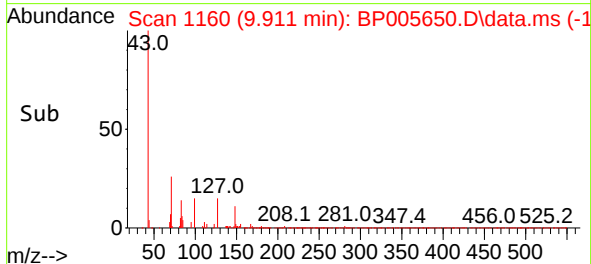
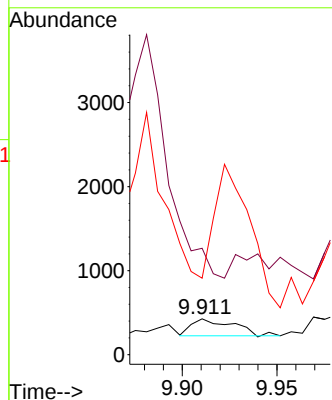
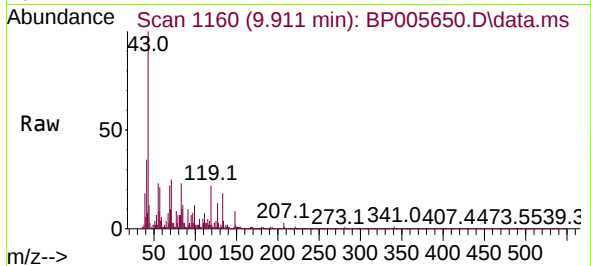




#26
2-Nitrophenol
Concen: 4.20 ng
RT: 9.911 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

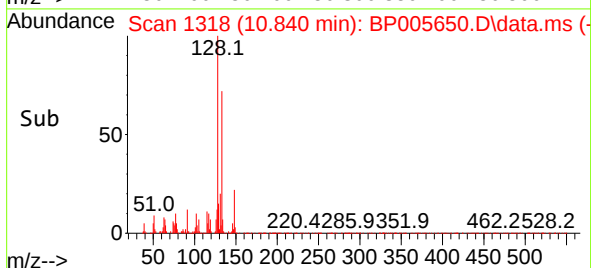
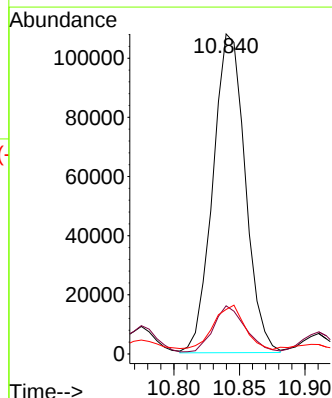
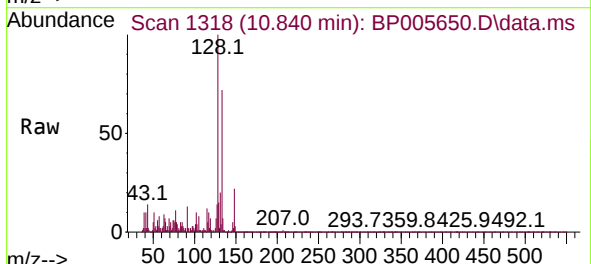
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ClientSampleId :
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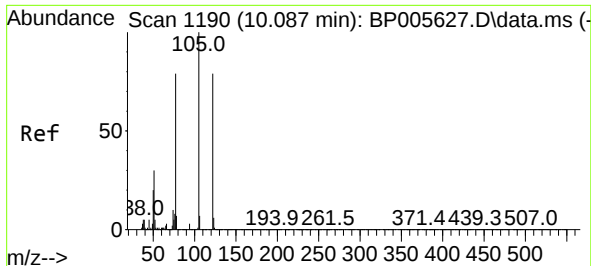
Tgt Ion:139 Resp: 317
Ion Ratio Lower Upper
139 100
109 296.5 40.7 61.1#
65 213.1 47.8 71.6#



#31
Naphthalene
Concen: 3.70 ng
RT: 10.840 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:128 Resp: 184766
Ion Ratio Lower Upper
128 100
129 15.0 8.0 12.0#
127 13.9 11.1 16.7

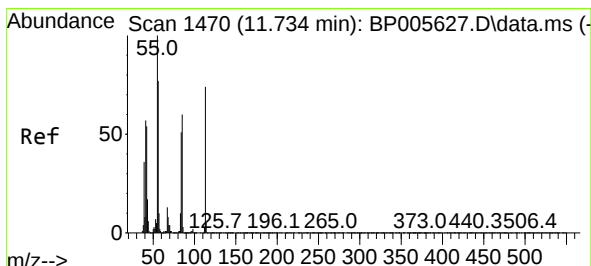
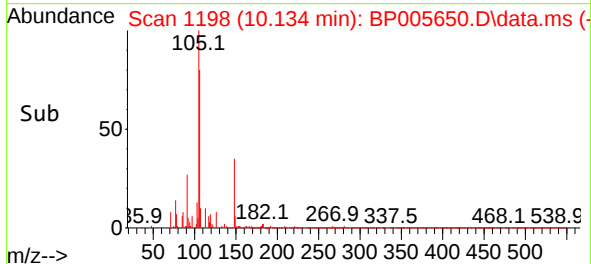
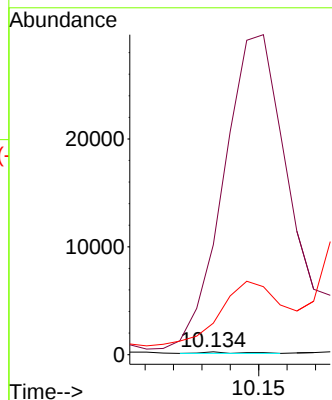
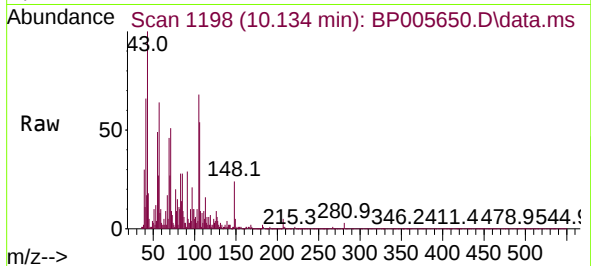




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.134 min Scan# 1198
Delta R.T. 0.047 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

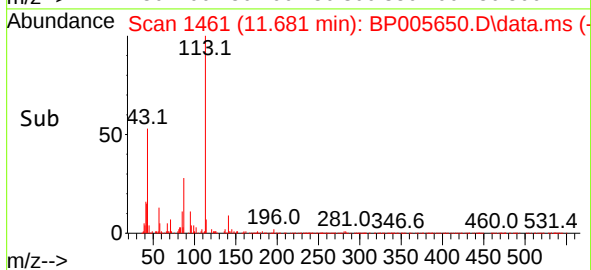
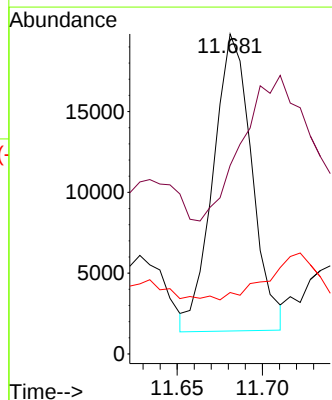
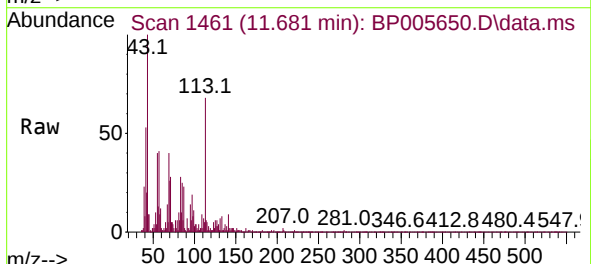
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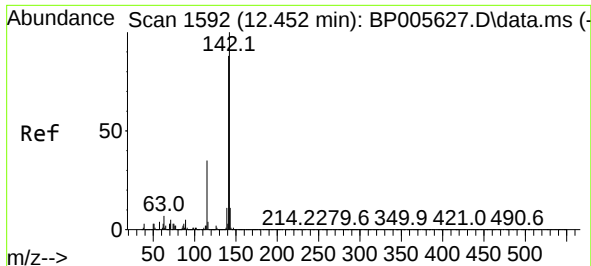
Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 3803.0 105.1 145.1#
77 1090.7 69.6 109.6#



#35
Caprolactam
Concen: 7.68 ng
RT: 11.681 min Scan# 1461
Delta R.T. -0.053 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:113 Resp: 29035
Ion Ratio Lower Upper
113 100
55 58.9 72.0 112.0#
56 19.2 65.1 105.1#

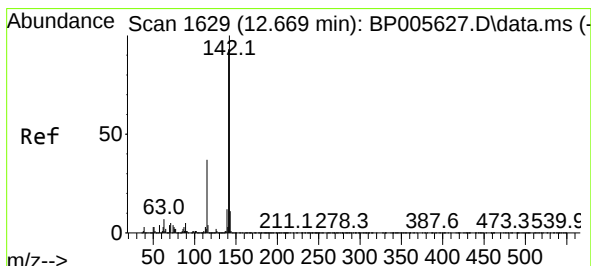
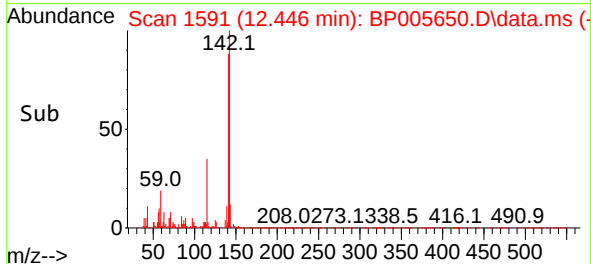
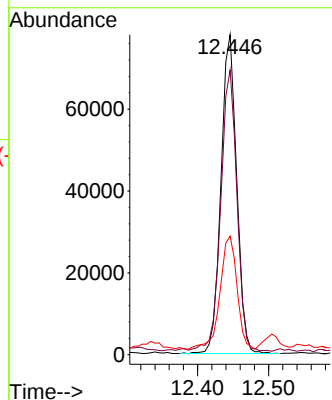
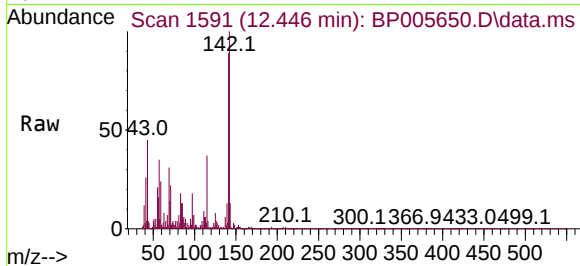




#37
2-Methylnaphthalene
Concen: 3.38 ng
RT: 12.446 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

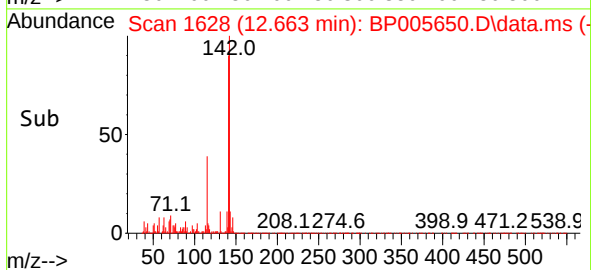
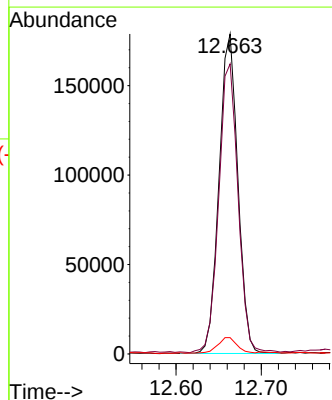
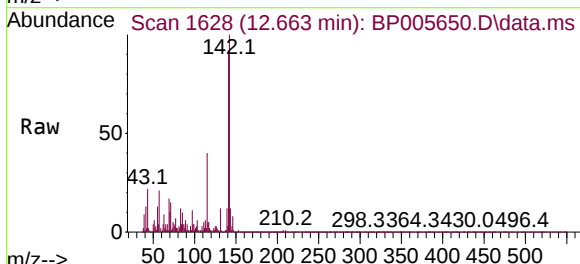
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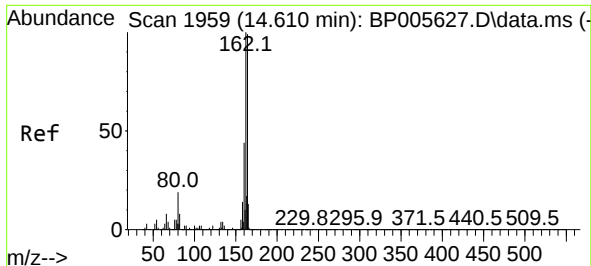
Tgt Ion:142 Resp: 119349
Ion Ratio Lower Upper
142 100
141 88.9 74.7 112.1
115 37.1 43.8 65.8#



#38
1-Methylnaphthalene
Concen: 8.16 ng
RT: 12.663 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:142 Resp: 273659
Ion Ratio Lower Upper
142 100
141 90.7 77.0 115.6
116 5.1 5.0 7.6

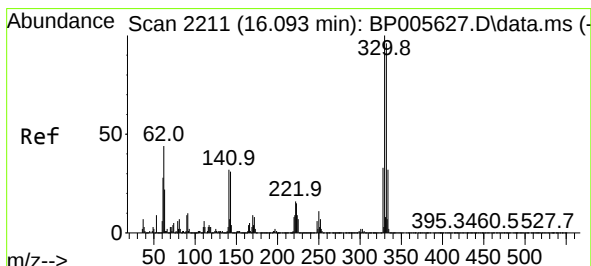
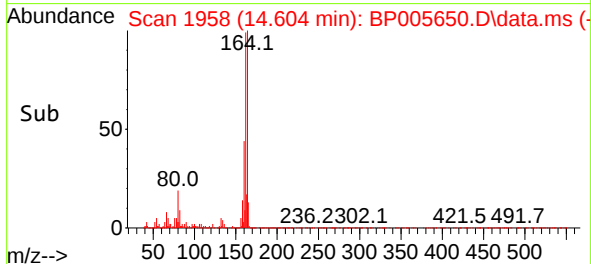
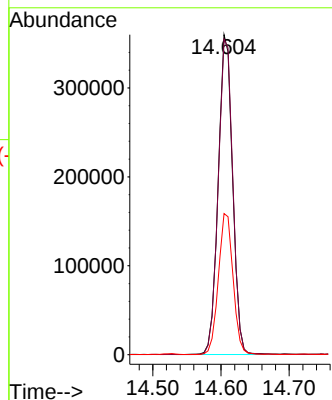
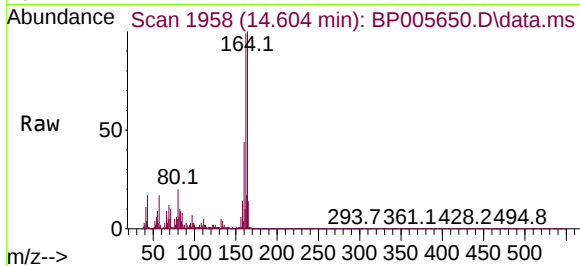




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

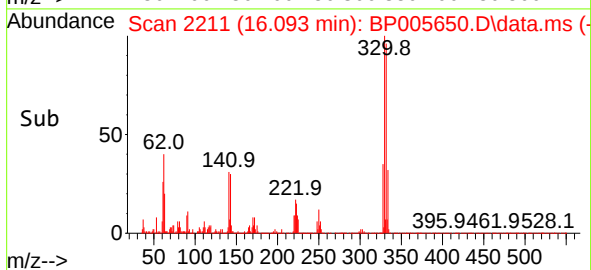
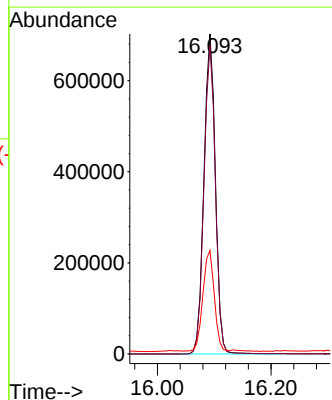
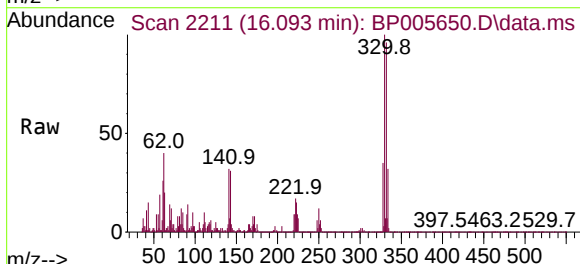
Instrument :
BNA_P
ClientSampleId :
MW-5B

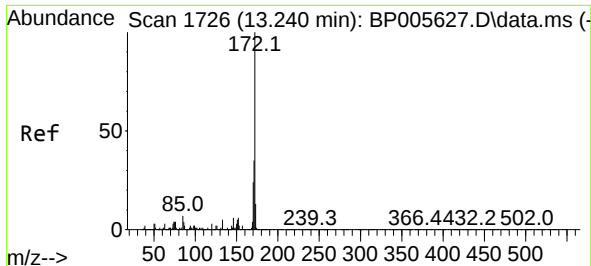
Tgt Ion:164 Resp: 527125
Ion Ratio Lower Upper
164 100
162 98.5 73.5 110.3
160 44.1 40.6 61.0



#42
2,4,6-Tribromophenol
Concen: 145.08 ng
RT: 16.093 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:330 Resp: 980642
Ion Ratio Lower Upper
330 100
332 96.0 76.3 114.5
141 31.3 22.8 34.2



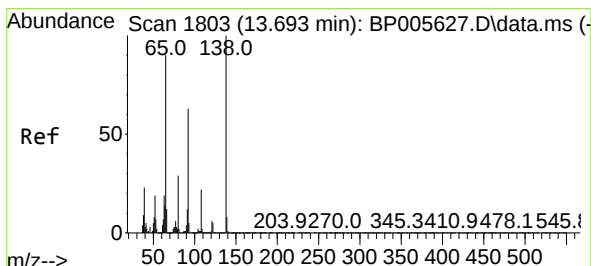
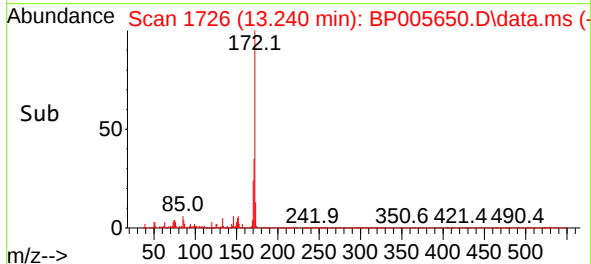
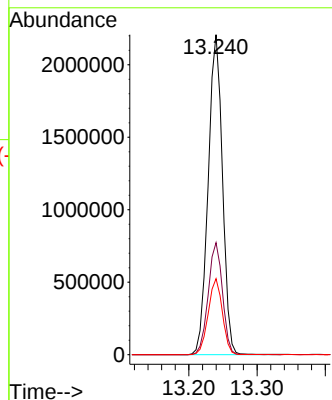
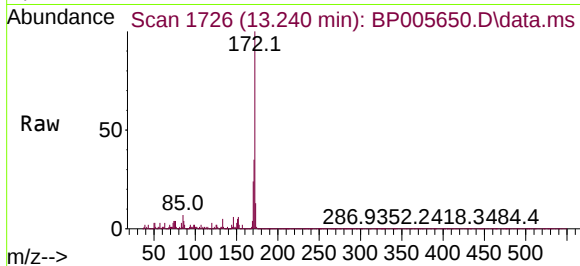


#45
2-Fluorobiphenyl
Concen: 80.80 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Instrument :
BNA_P
ClientSampleId :
MW-5B

Tgt Ion:172 Resp: 3218480

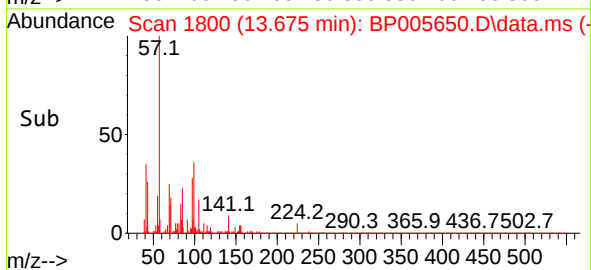
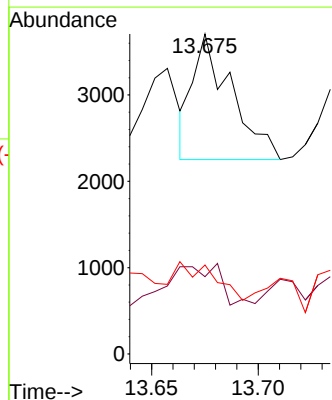
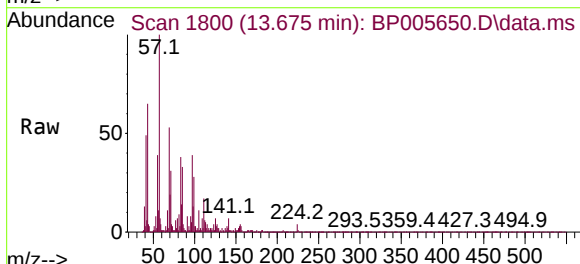
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.1	42.1
170	23.7	19.6	29.4

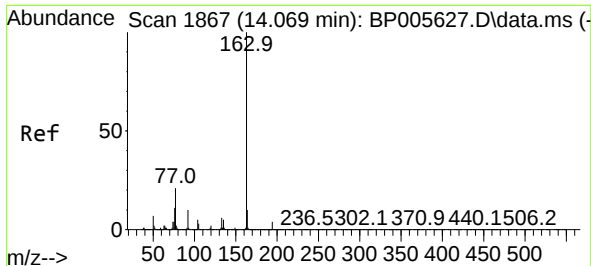


#48
2-Nitroaniline
Concen: 4.69 ng
RT: 13.675 min Scan# 1800
Delta R.T. -0.018 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion: 65 Resp: 1830

Ion	Ratio	Lower	Upper
65	100		
92	24.2	48.8	73.2#
138	27.8	69.5	104.3#

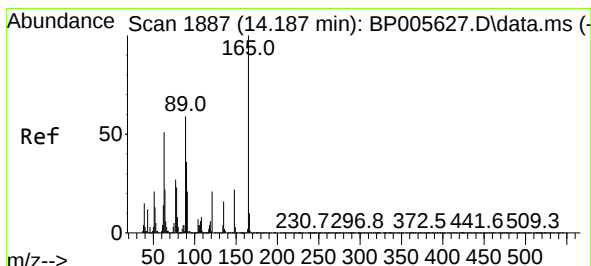
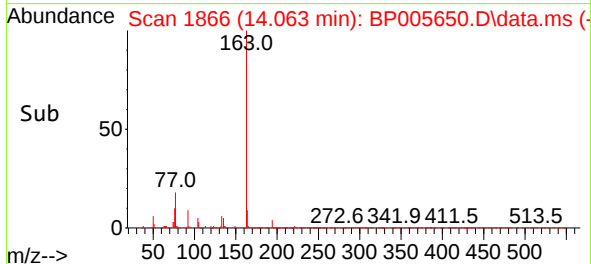
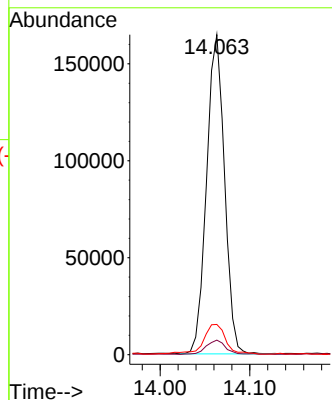
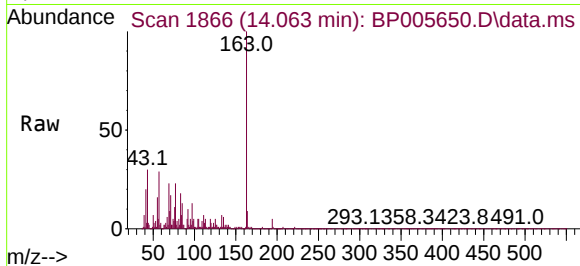




#50
Dimethylphthalate
Concen: 5.46 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

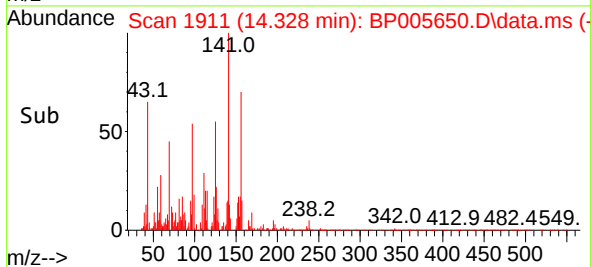
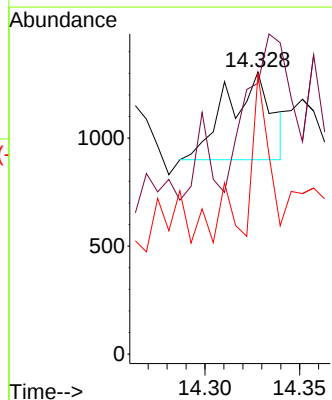
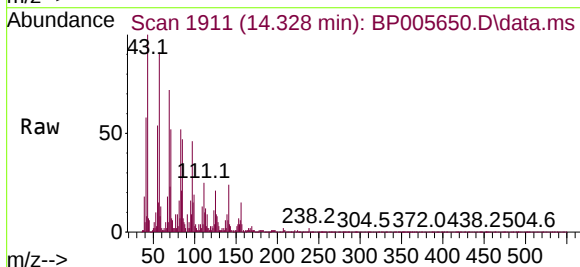
Instrument :
BNA_P
ClientSampleId :
MW-5B

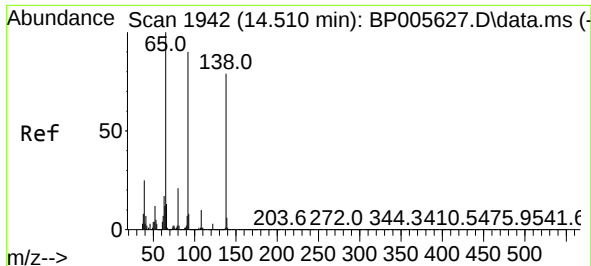
Tgt Ion:163 Resp: 228742
Ion Ratio Lower Upper
163 100
194 4.5 3.9 5.9
164 9.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 5.12 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.141 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:165 Resp: 671
Ion Ratio Lower Upper
165 100
63 96.0 67.4 101.0
89 99.2 73.8 110.6

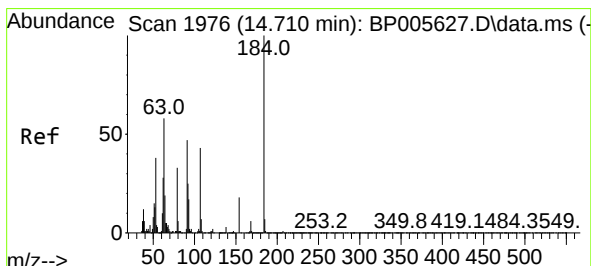
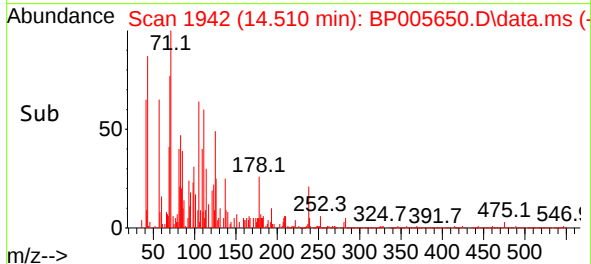
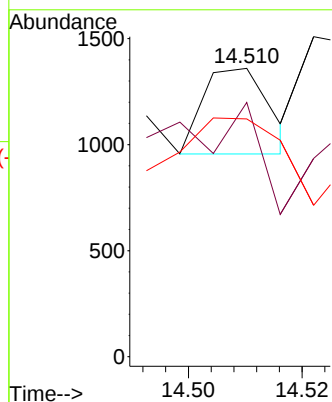
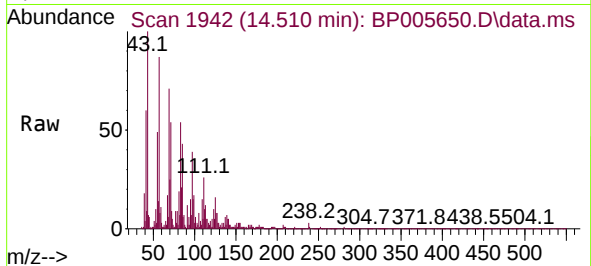




#53
3-Nitroaniline
Concen: 3.69 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

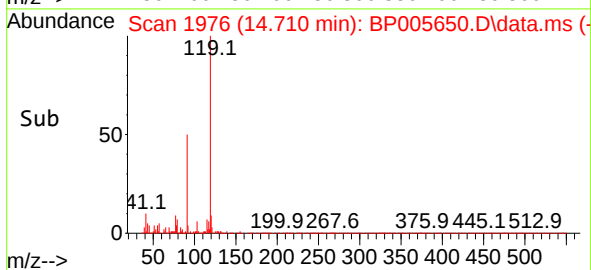
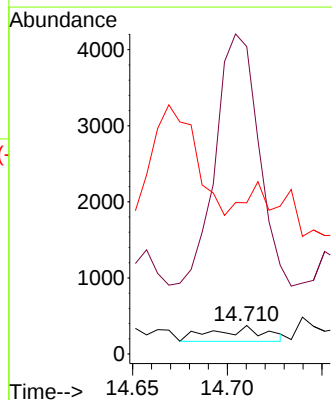
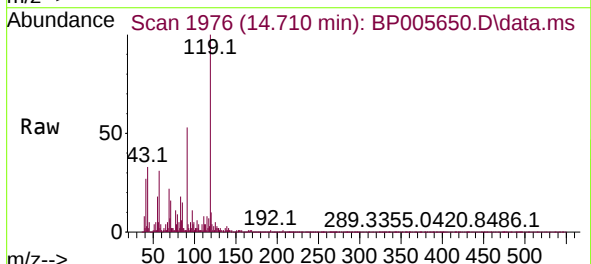
Instrument :
BNA_P
ClientSampleId :
MW-5B

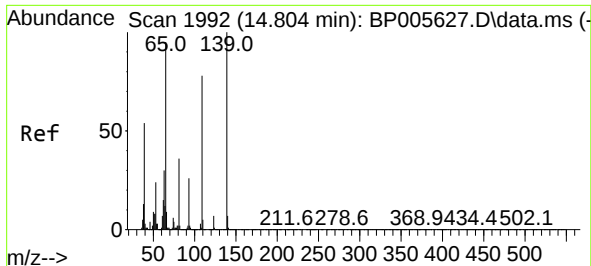
Tgt Ion:138 Resp: 328
Ion Ratio Lower Upper
138 100
108 88.2 10.2 15.4#
92 82.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.62 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:184 Resp: 381
Ion Ratio Lower Upper
184 100
63 1080.2 51.2 76.8#
154 531.3 55.8 83.8#

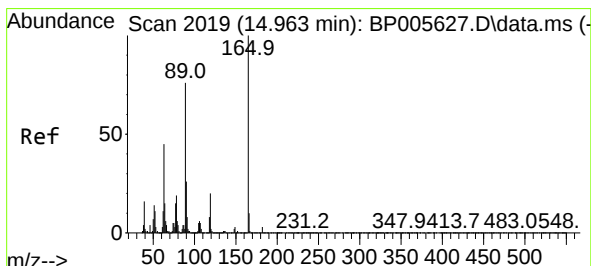
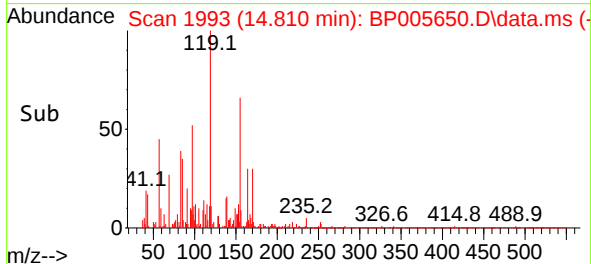
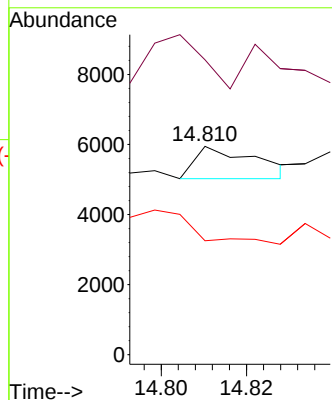
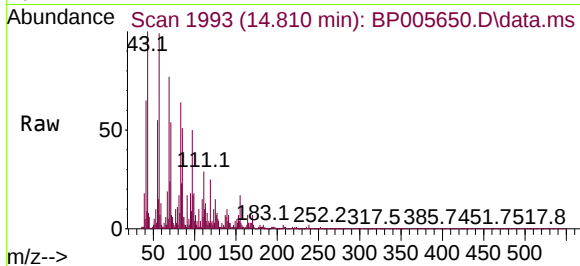




#56
4-Nitrophenol
Concen: 3.85 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

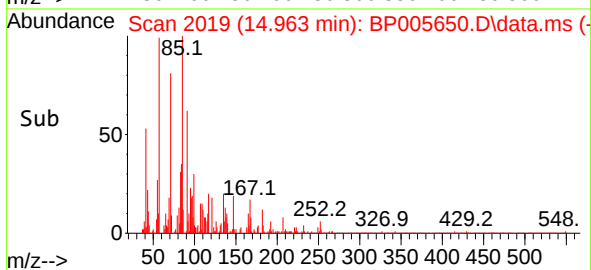
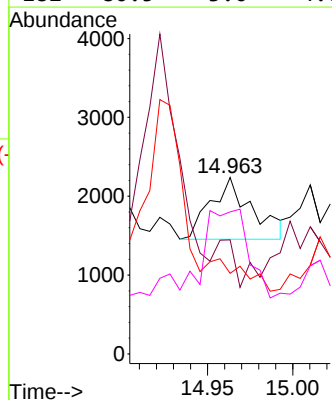
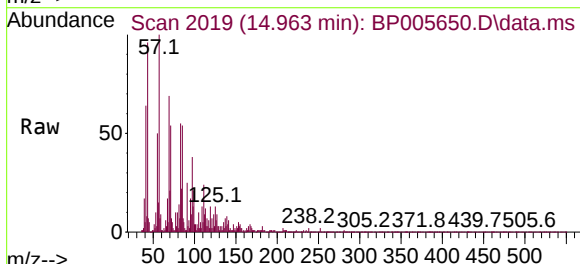
Instrument :
BNA_P
ClientSampleId :
MW-5B

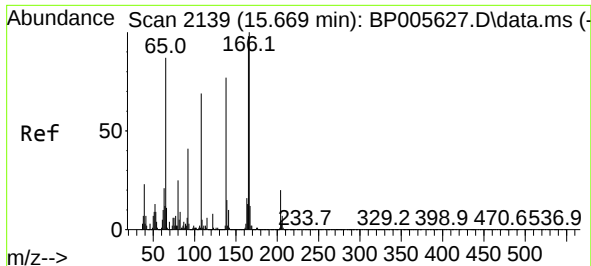
Tgt Ion:139 Resp: 906
Ion Ratio Lower Upper
139 100
109 141.5 122.8 162.8
65 54.6 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.37 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:165 Resp: 1325
Ion Ratio Lower Upper
165 100
63 64.6 56.7 85.1
89 45.7 85.8 128.6#
182 80.5 3.0 4.6#

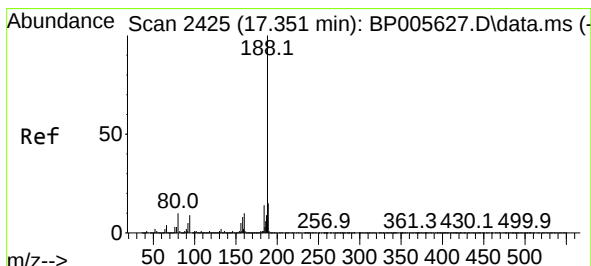
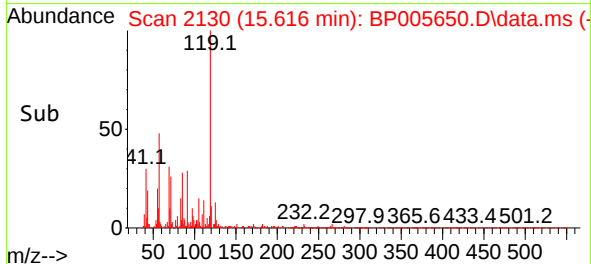
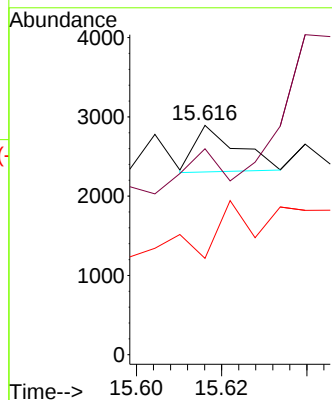
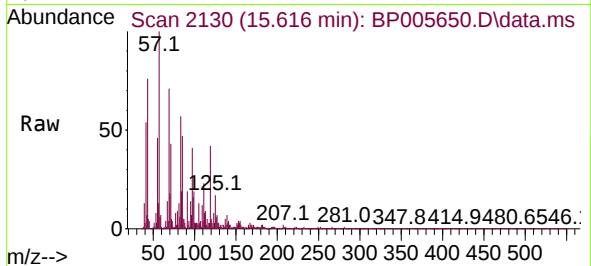




#62
4-Nitroaniline
Concen: 3.67 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.053 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

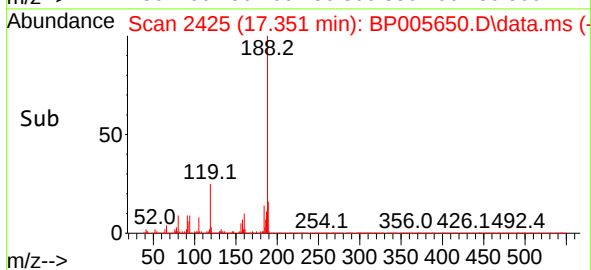
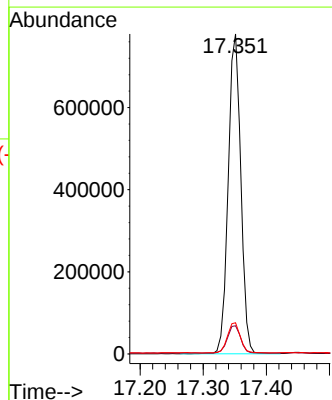
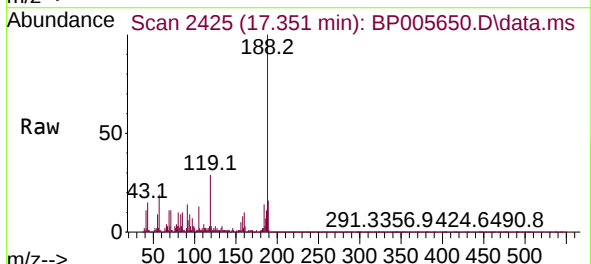
Instrument :
BNA_P
ClientSampleId :
MW-5B

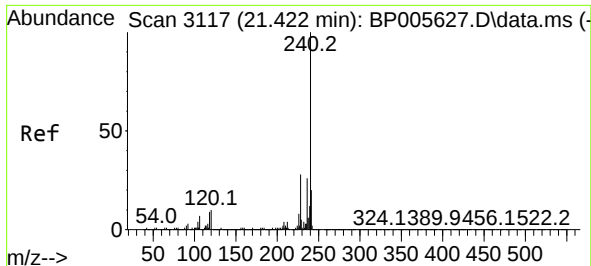
Tgt Ion:138 Resp: 411
Ion Ratio Lower Upper
138 100
92 89.8 50.9 90.9
108 42.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:188 Resp: 1073592
Ion Ratio Lower Upper
188 100
94 8.8 5.0 7.6#
80 9.7 5.9 8.9#

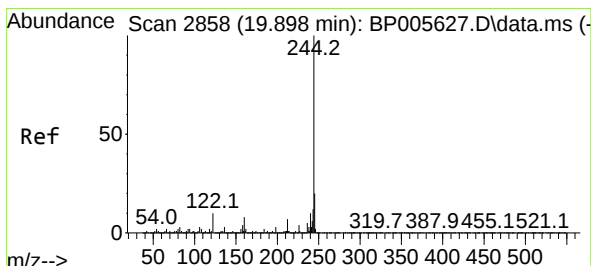
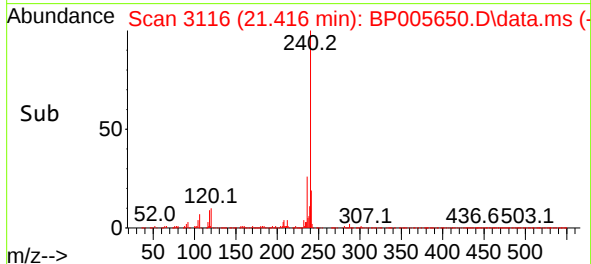
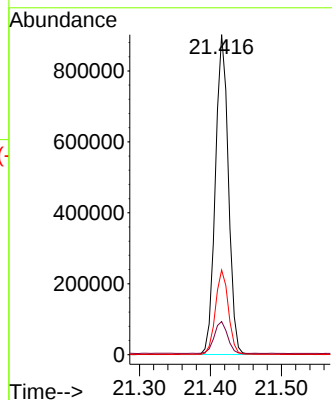
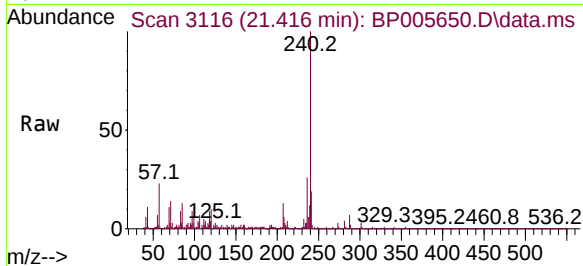




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

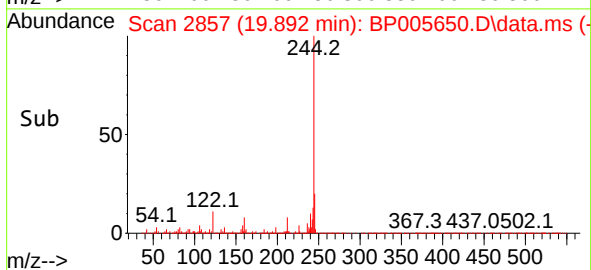
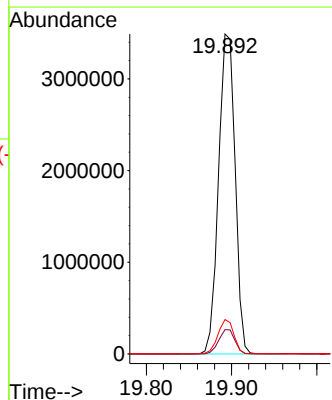
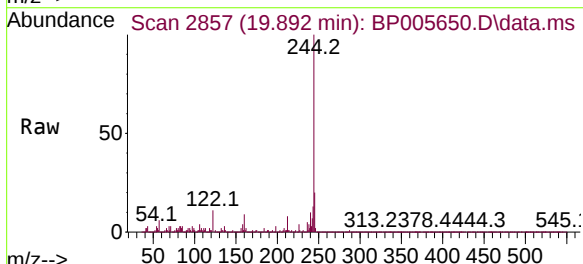
Instrument :
BNA_P
ClientSampleId :
MW-5B

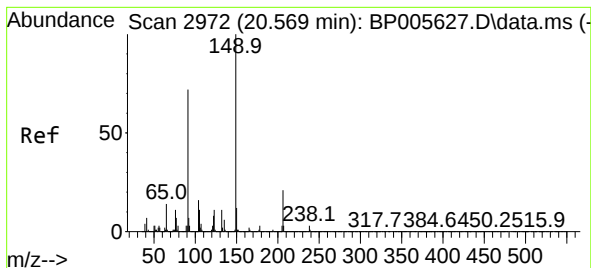
Tgt Ion:240 Resp: 1148500
Ion Ratio Lower Upper
240 100
120 10.4 4.2 6.2#
236 26.5 20.2 30.2



#79
Terphenyl-d14
Concen: 77.05 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:244 Resp: 4715821
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 10.7 5.2 7.8#

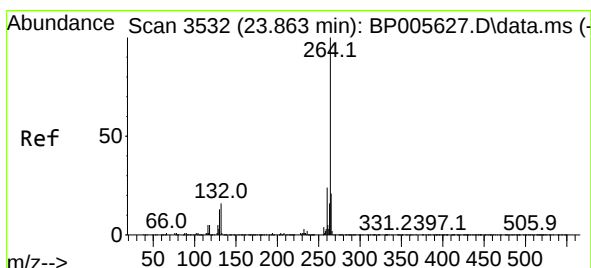
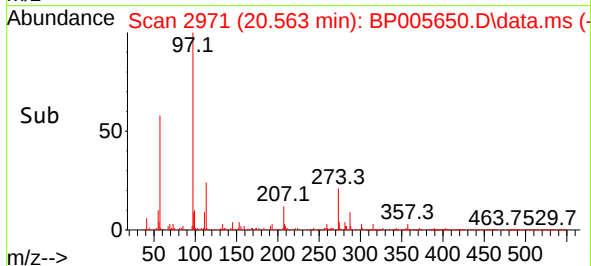
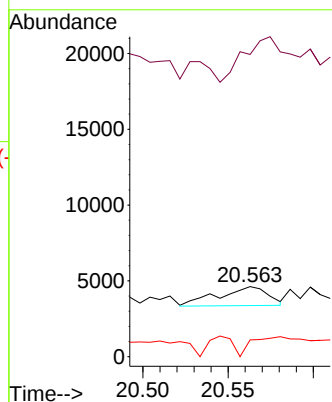
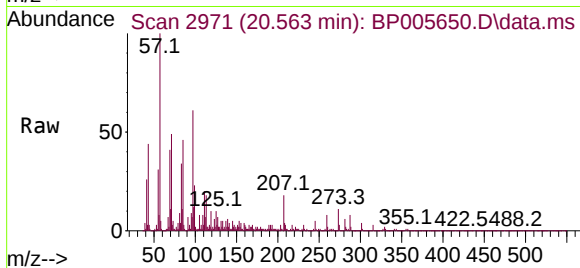




#80
Butylbenzylphthalate
Concen: 4.20 ng
RT: 20.563 min Scan# 2971
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Instrument :
BNA_P
ClientSampleId :
MW-5B

Tgt Ion:149 Resp: 2548
Ion Ratio Lower Upper
149 100
91 431.2 60.2 90.4#
206 24.0 23.9 35.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005650.D
Acq: 28 May 2021 21:26

Tgt Ion:264 Resp: 1337711
Ion Ratio Lower Upper
264 100
260 23.4 20.6 30.8
265 21.4 19.0 28.6

