

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005713.D
 Acq On : 04 Jun 2021 15:19
 Operator : CG/JU
 Sample : M2601-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-CHRT-27166

Quant Time: Jun 04 15:52:43 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)

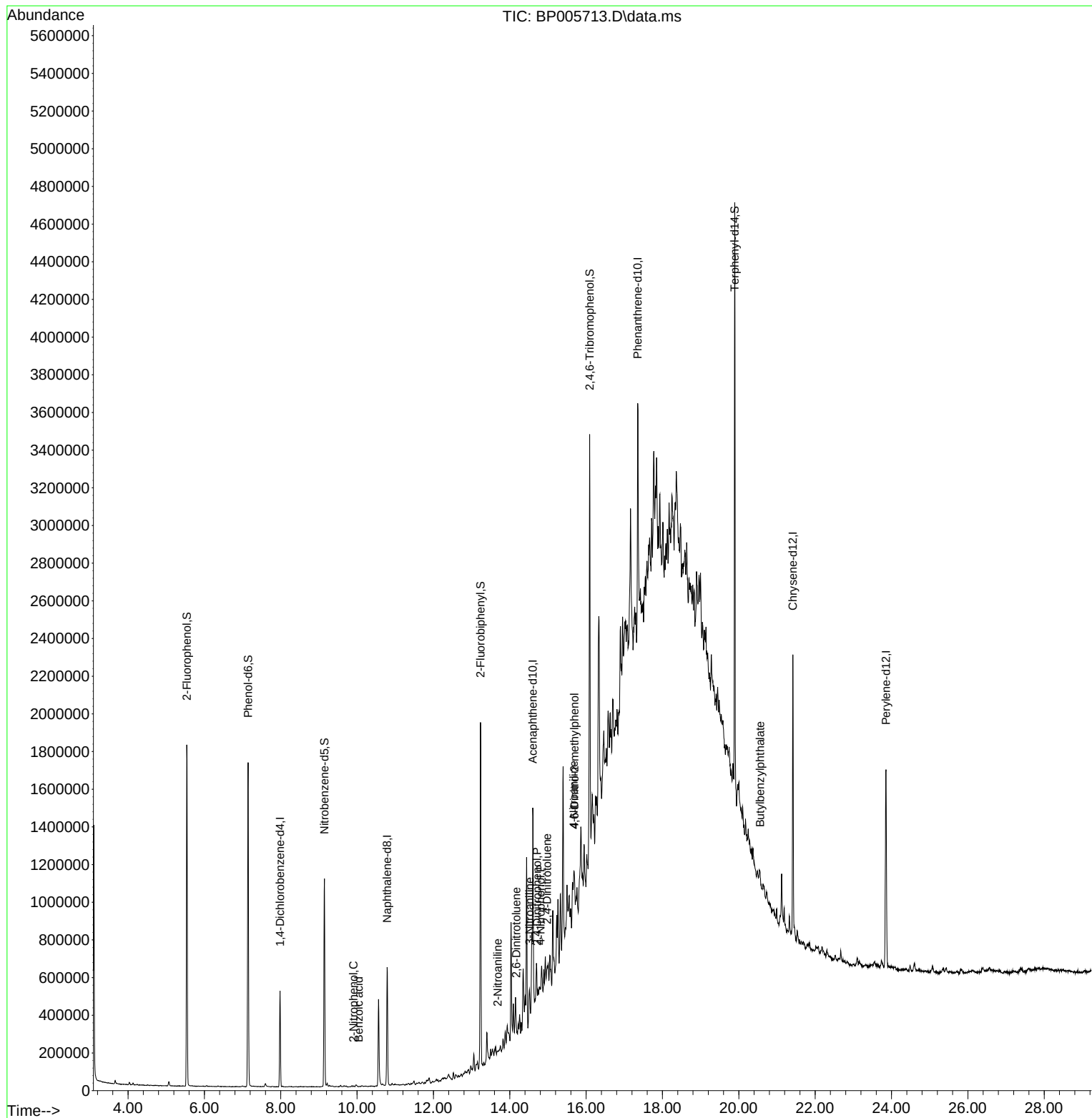
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	132694	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	520783	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	320406	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	610338	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	716671	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	837457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	789965	92.557	ng	0.00
7) Phenol-d6	7.146	99	958596	82.388	ng	0.00
23) Nitrobenzene-d5	9.146	82	636848	68.008	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	443858	108.033	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	937575	38.726	ng	0.00
79) Terphenyl-d14	19.892	244	1341254	35.118	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.905	139	93	4.177	ng	# 1
32) Benzoic acid	10.046	122	201	5.054	ng	# 72
48) 2-Nitroaniline	13.681	65	95	4.504	ng	# 66
51) 2,6-Dinitrotoluene	14.169	165	5289	5.899	ng	# 18
53) 3-Nitroaniline	14.516	138	9660	5.256	ng	# 8
54) 2,4-Dinitrophenol	14.716	184	214	6.611	ng	# 1
56) 4-Nitrophenol	14.810	139	1575	4.060	ng	# 1
57) 2,4-Dinitrotoluene	14.975	165	1231	4.422	ng	# 40
62) 4-Nitroaniline	15.675	138	2200	3.979	ng	# 74
65) 4,6-Dinitro-2-methylph...	15.692	198	2550	2.939	ng	# 1
80) Butylbenzylphthalate	20.557	149	1899	4.215	ng	# 41

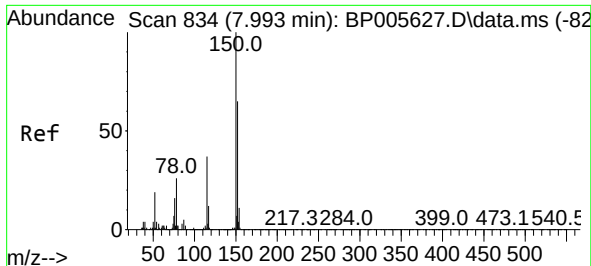
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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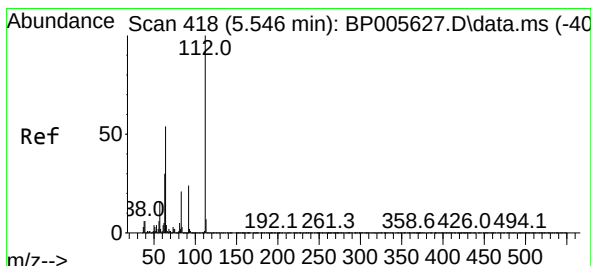
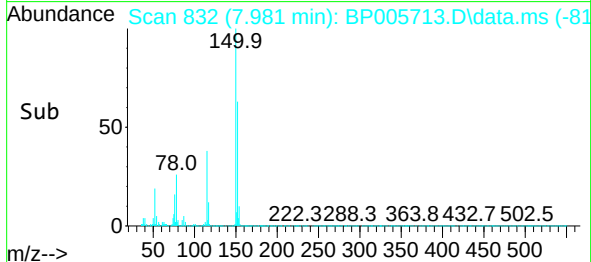
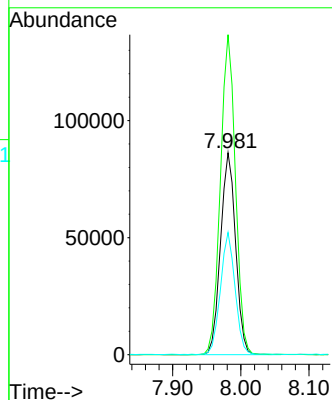
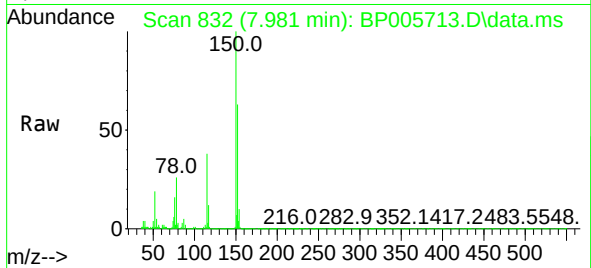




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

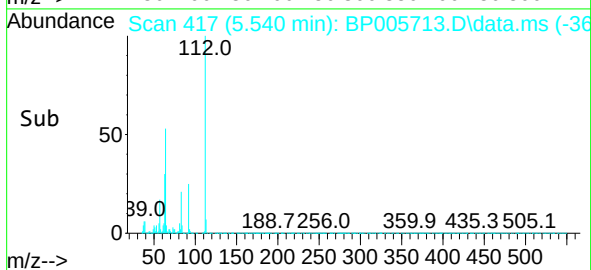
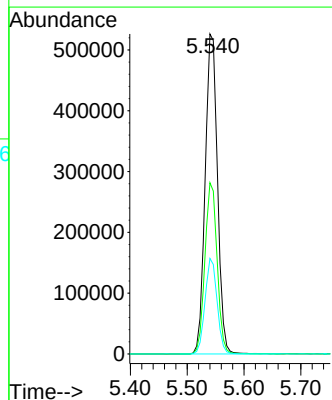
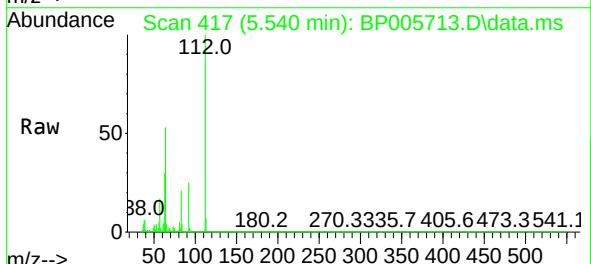
Instrument :
BNA_P
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RO-CHRT-27166

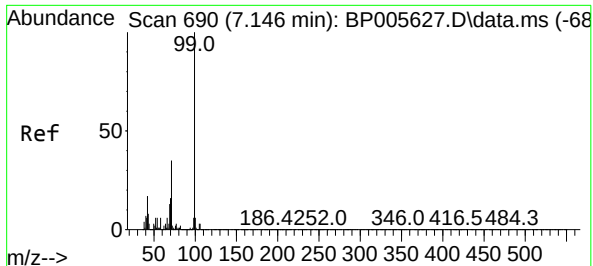
Tgt Ion:152 Resp: 132694
Ion Ratio Lower Upper
152 100
150 158.5 119.8 179.8
115 60.5 49.0 73.4



#5
2-Fluorophenol
Concen: 92.557 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:112 Resp: 789965
Ion Ratio Lower Upper
112 100
64 53.5 33.6 50.4#
63 29.8 18.6 27.8#

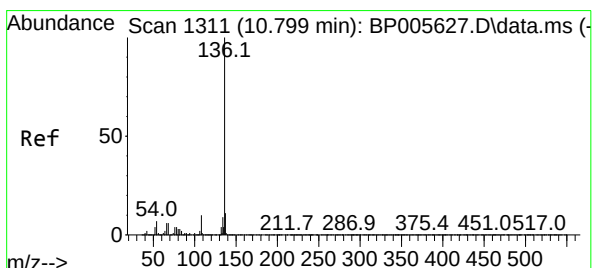
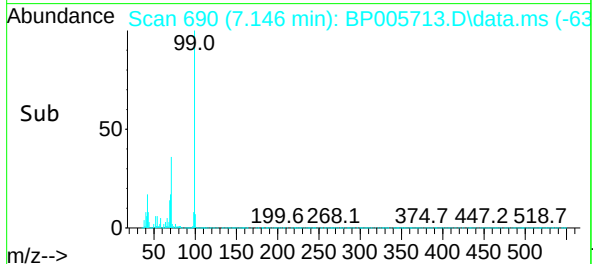
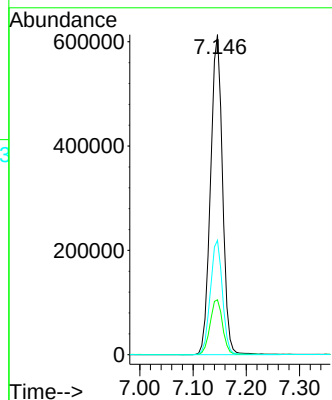
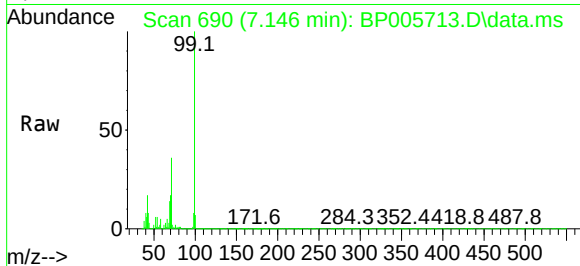




#7
Phenol-d6
Concen: 82.388 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

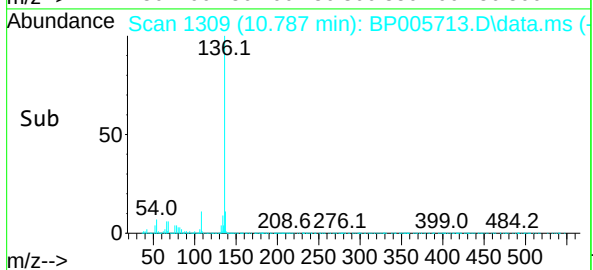
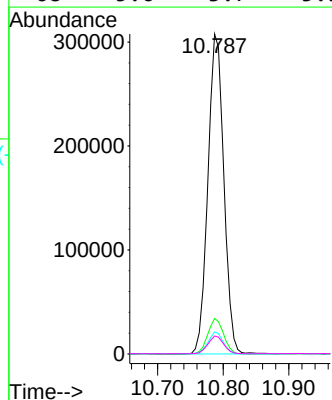
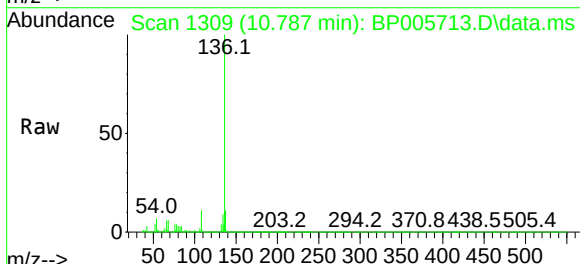
Instrument :
BNA_P
ClientSampleId :
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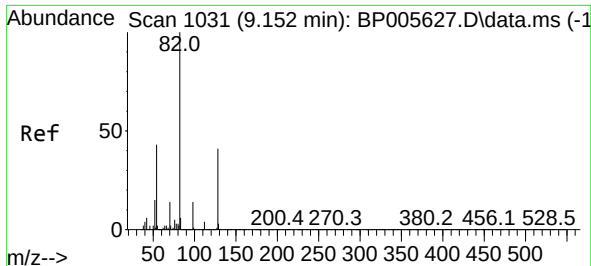
Tgt Ion:	99	Resp:	958596
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.9	19.3
71	35.8	26.7	40.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:	136	Resp:	520783
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.9	5.0	7.4
68	5.6	3.7	5.5

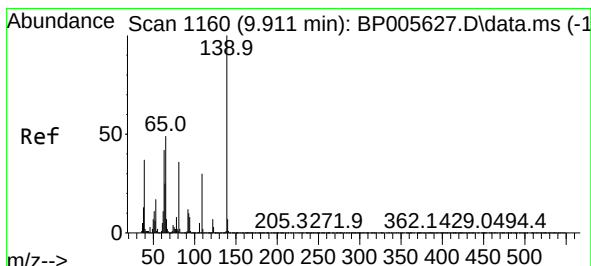
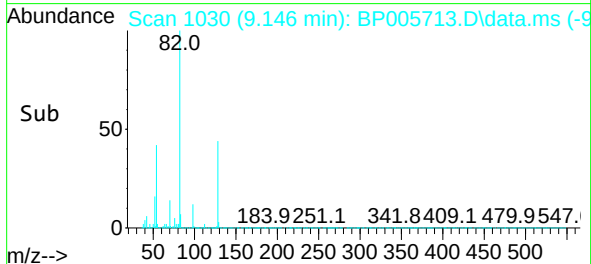
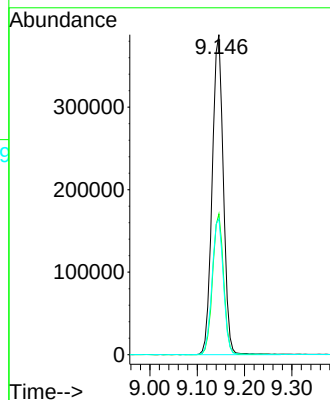
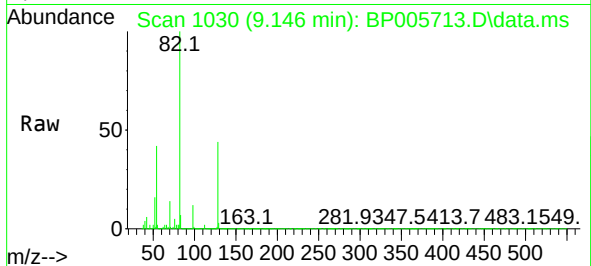




#23
Nitrobenzene-d5
Concen: 68.008 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

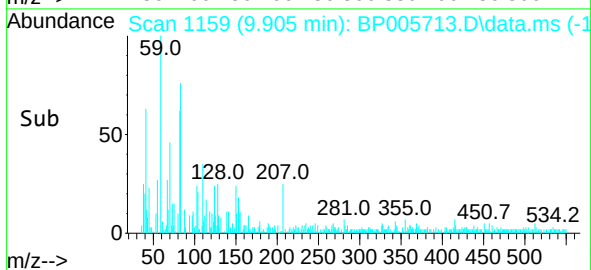
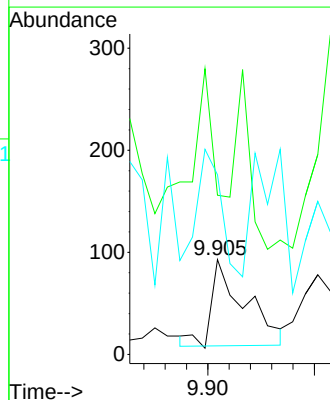
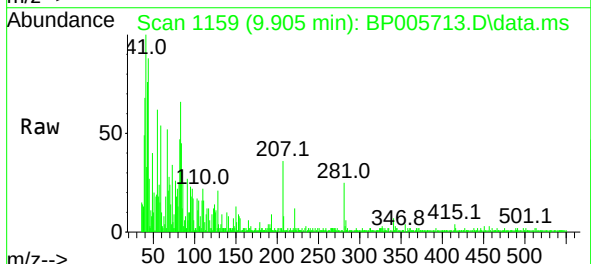
Instrument :
BNA_P
ClientSampleId :
RO-CHRT-27166

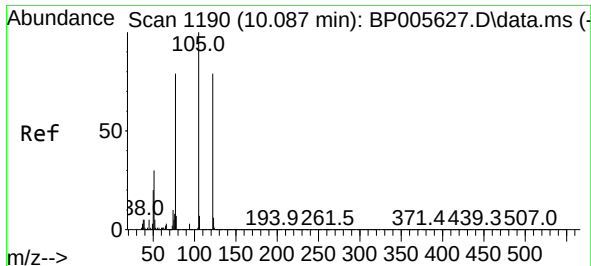
Tgt Ion: 82 Resp: 636848
Ion Ratio Lower Upper
82 100
128 44.0 30.5 45.7
54 42.5 33.9 50.9



#26
2-Nitrophenol
Concen: 4.177 ng
RT: 9.905 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion: 139 Resp: 93
Ion Ratio Lower Upper
139 100
109 167.7 40.7 61.1#
65 189.2 47.8 71.6#

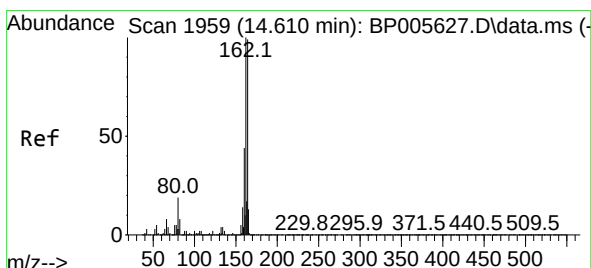
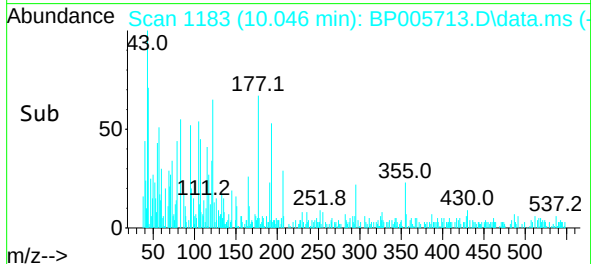
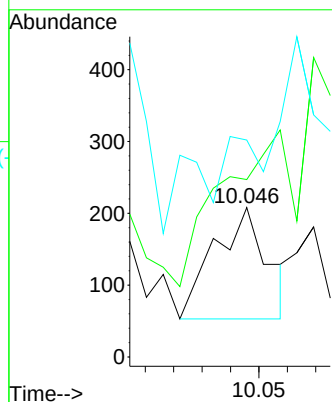
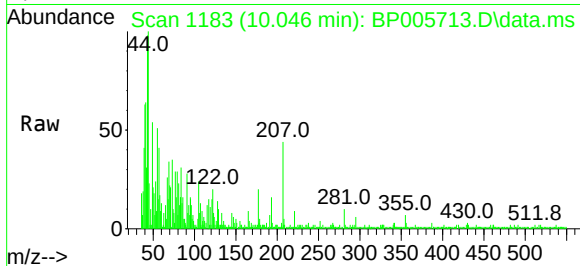




#32
Benzoic acid
Concen: 5.054 ng
RT: 10.046 min Scan# 1183
Delta R.T. -0.041 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

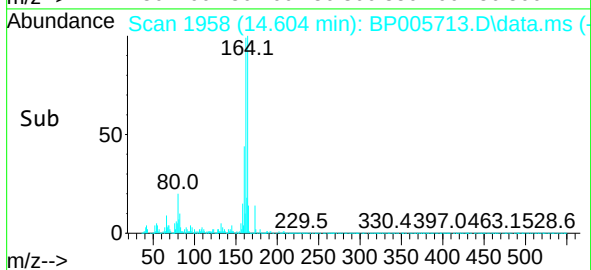
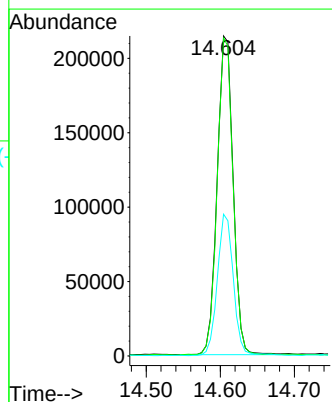
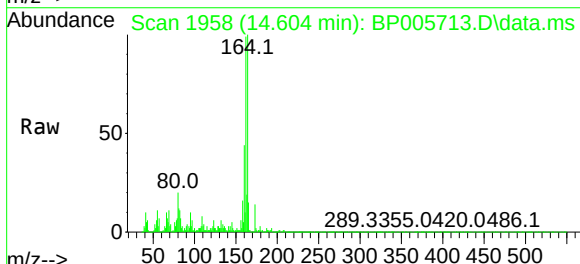
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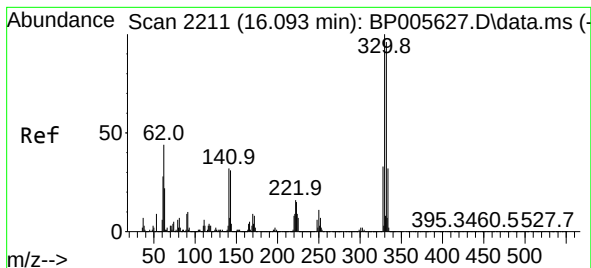
Tgt Ion:122 Resp: 201
Ion Ratio Lower Upper
122 100
105 118.8 105.1 145.1
77 145.2 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:164 Resp: 320406
Ion Ratio Lower Upper
164 100
162 99.4 73.5 110.3
160 44.3 40.6 61.0

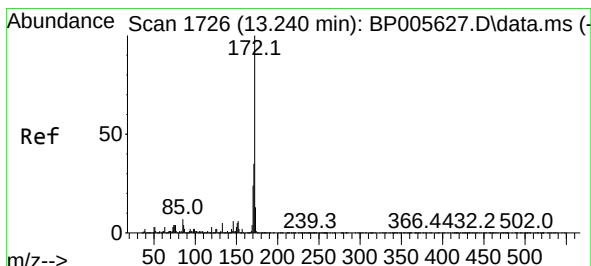
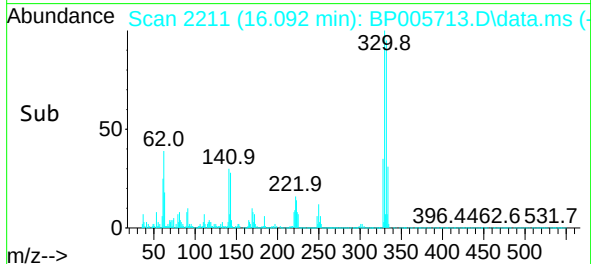
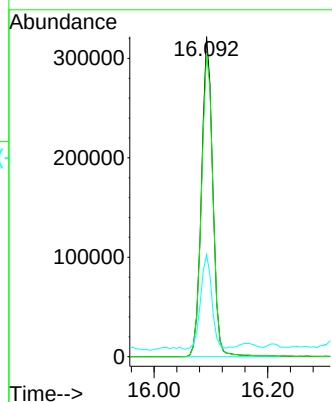
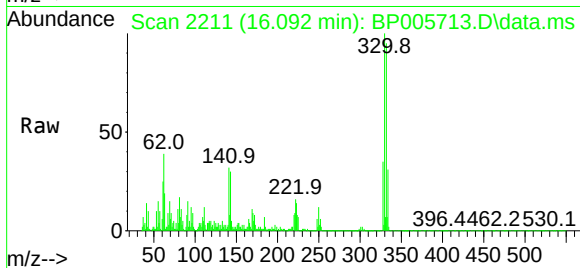




#42
2,4,6-Tribromophenol
Concen: 108.033 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

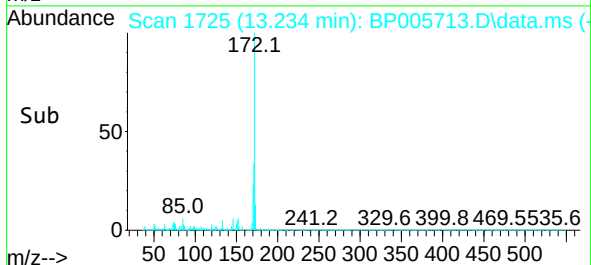
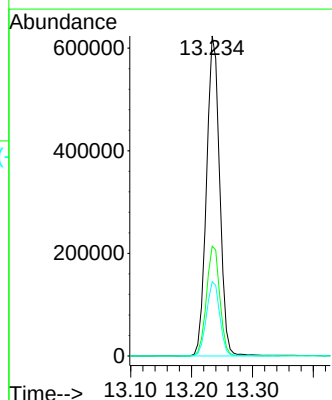
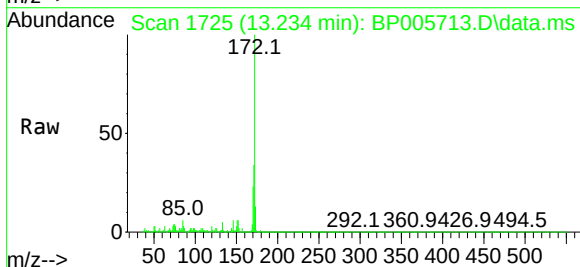
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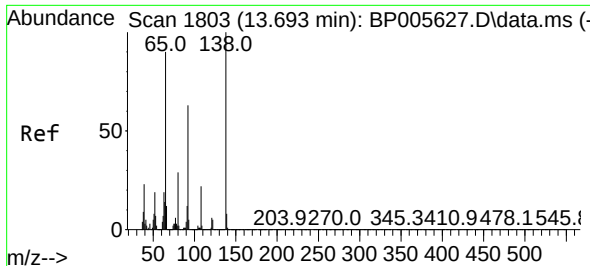
Tgt Ion: 330 Resp: 443858
Ion Ratio Lower Upper
330 100
332 97.7 76.3 114.5
141 29.3 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 38.726 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion: 172 Resp: 937575
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.2 19.6 29.4

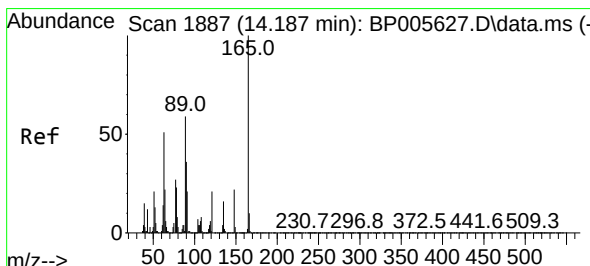
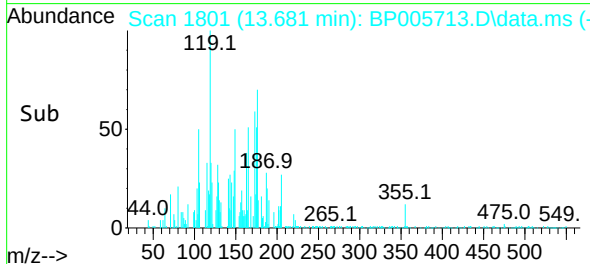
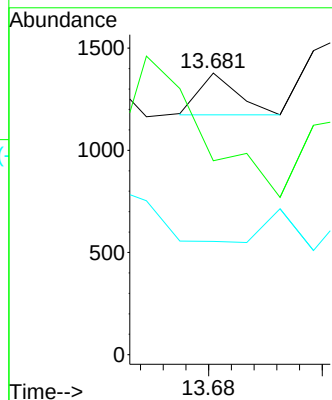
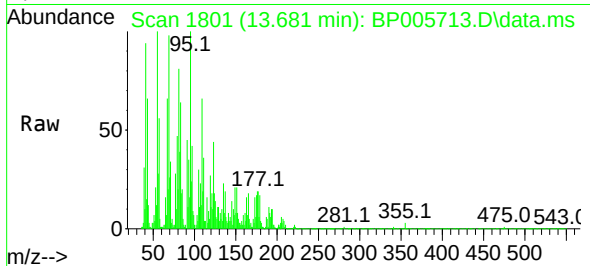




#48
2-Nitroaniline
Concen: 4.504 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

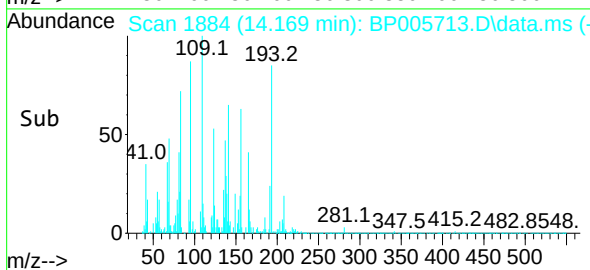
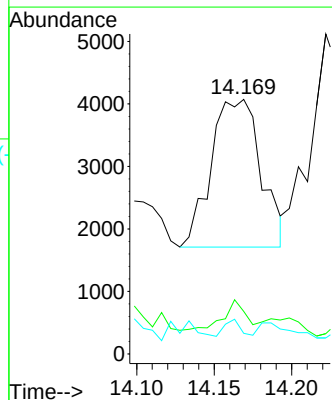
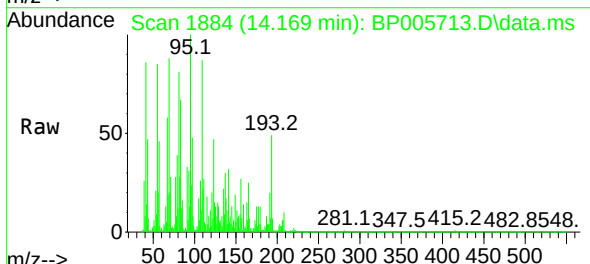
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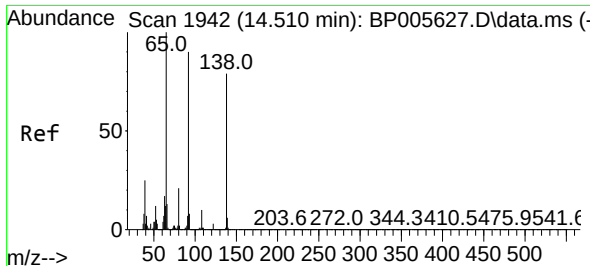
Tgt Ion: 65 Resp: 95
Ion Ratio Lower Upper
65 100
92 68.9 48.8 73.2
138 40.2 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.899 ng
RT: 14.169 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:165 Resp: 5289
Ion Ratio Lower Upper
165 100
63 16.7 67.4 101.0#
89 8.1 73.8 110.6#

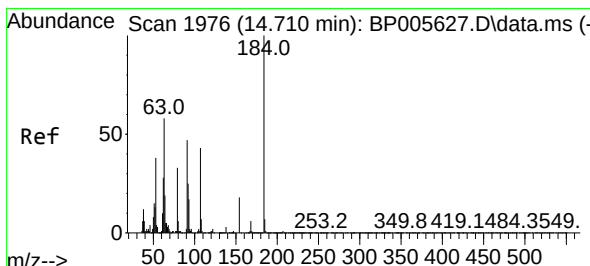
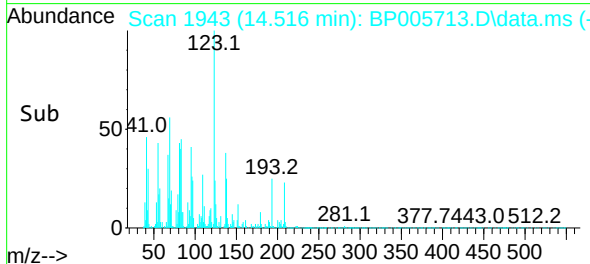
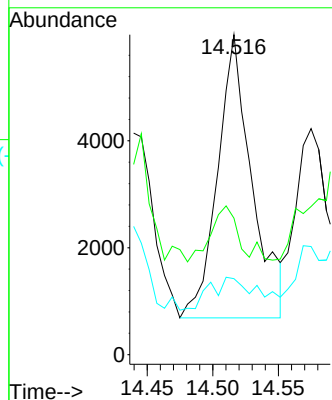
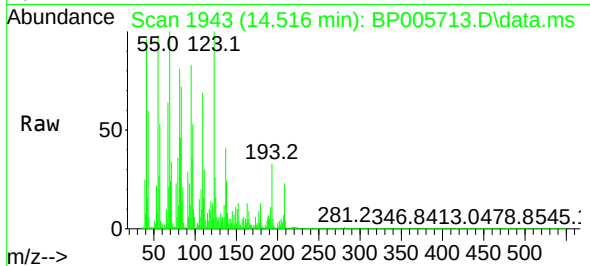




#53
3-Nitroaniline
Concen: 5.256 ng
RT: 14.516 min Scan# 1943
Delta R.T. 0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

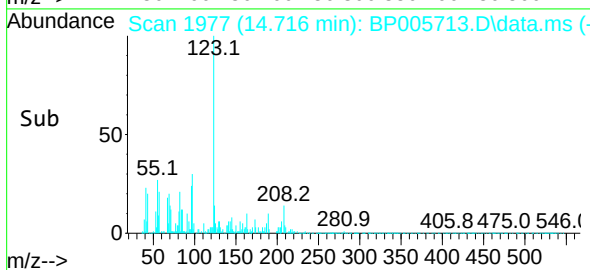
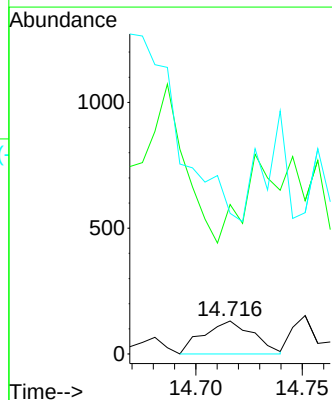
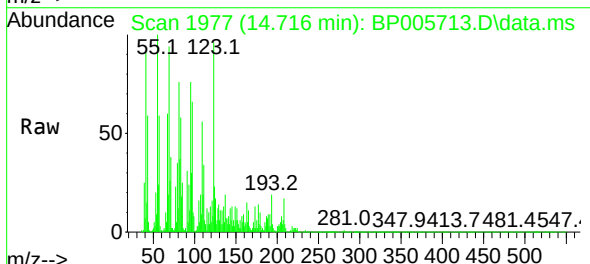
Instrument :
BNA_P
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RO-CHRT-27166

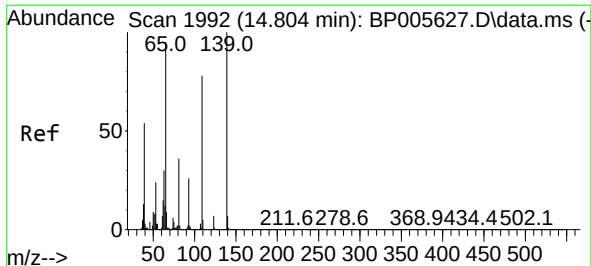
Tgt Ion:138 Resp: 9660
Ion Ratio Lower Upper
138 100
108 42.6 10.2 15.4#
92 23.8 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.611 ng
RT: 14.716 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:184 Resp: 214
Ion Ratio Lower Upper
184 100
63 453.4 51.2 76.8#
154 426.7 55.8 83.8#

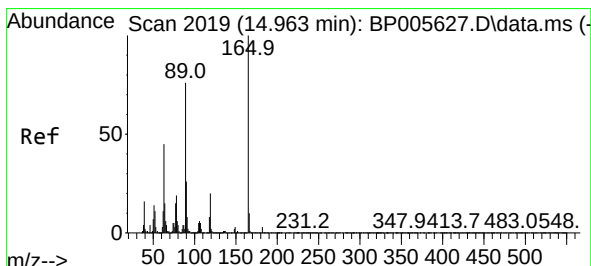
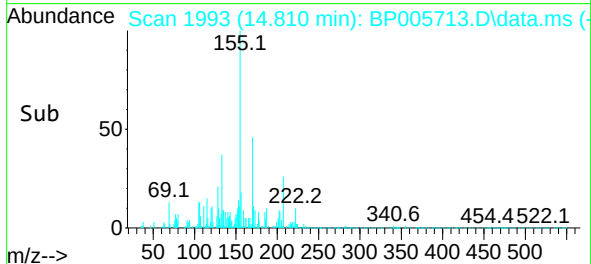
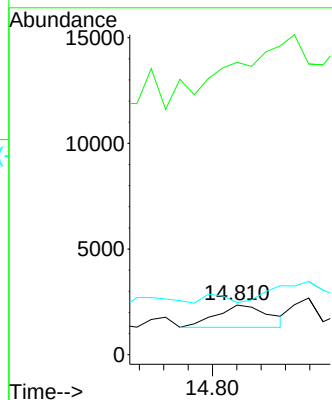
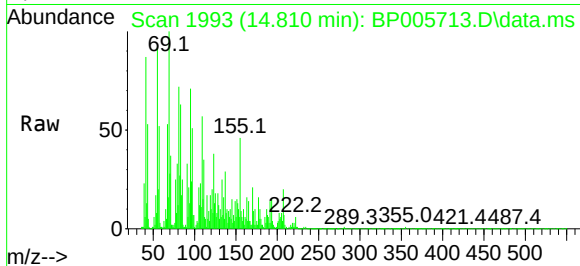




#56
4-Nitrophenol
Concen: 4.060 ng
RT: 14.810 min Scan# 1993
Delta R.T. 0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

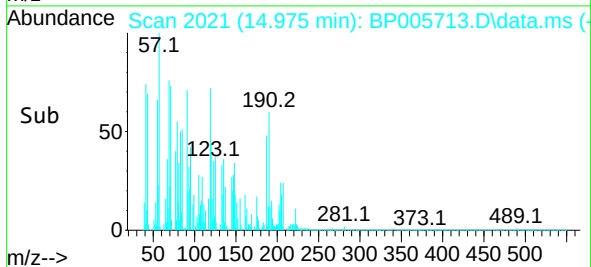
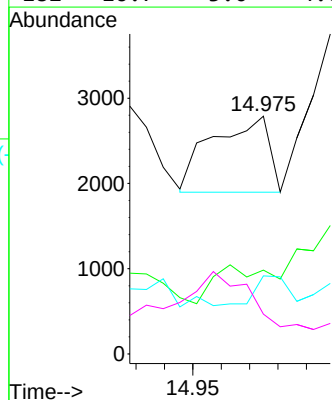
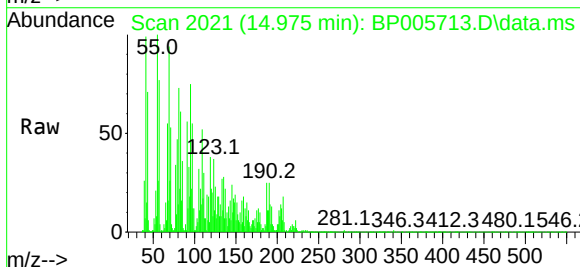
Instrument :
BNA_P
ClientSampleId :
RO-CHRT-27166

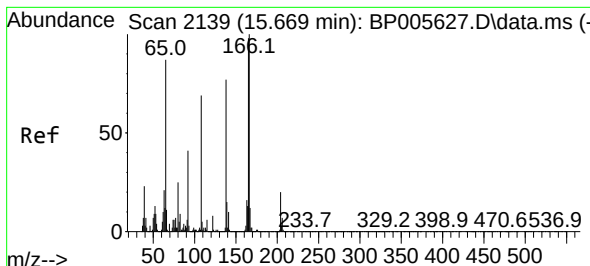
Tgt Ion:139 Resp: 1575
Ion Ratio Lower Upper
139 100
109 588.5 122.8 162.8#
65 104.9 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.422 ng
RT: 14.975 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:165 Resp: 1231
Ion Ratio Lower Upper
165 100
63 35.3 56.7 85.1#
89 32.8 85.8 128.6#
182 16.7 3.0 4.6#

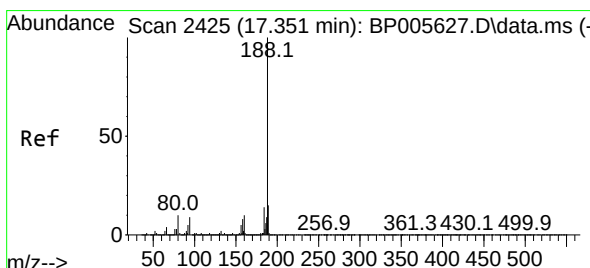
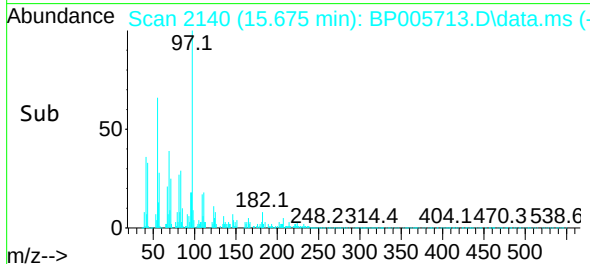
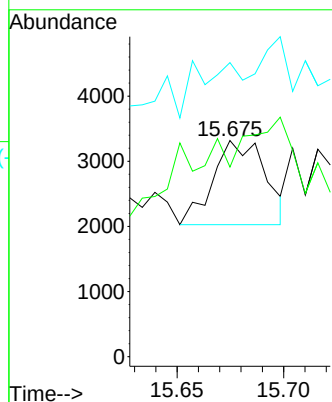
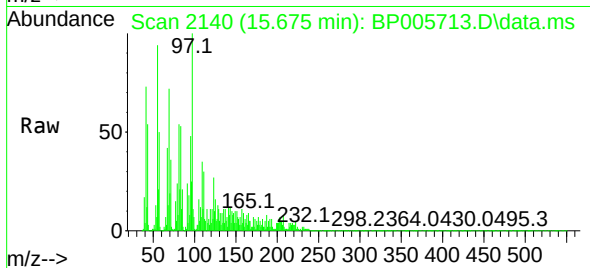




#62
4-Nitroaniline
Concen: 3.979 ng
RT: 15.675 min Scan# 2140
Delta R.T. 0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

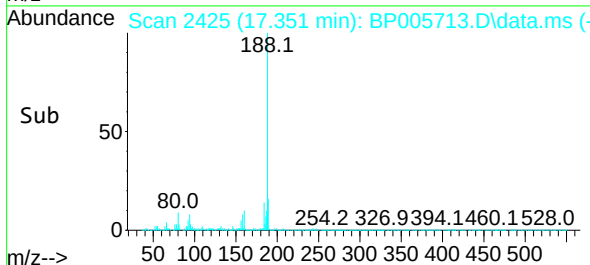
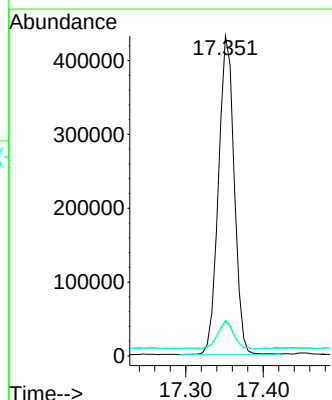
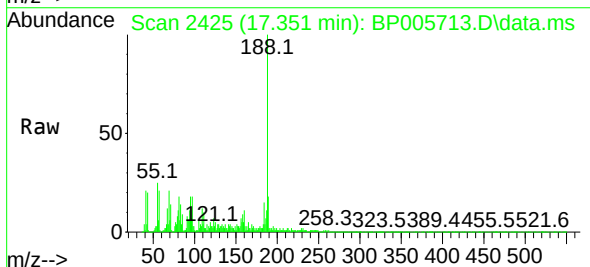
Instrument :
BNA_P
ClientSampleId :
RO-CHRT-27166

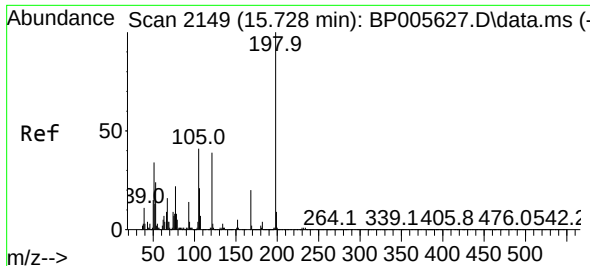
Tgt Ion:138 Resp: 2200
Ion Ratio Lower Upper
138 100
92 87.7 50.9 90.9
108 136.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:188 Resp: 610338
Ion Ratio Lower Upper
188 100
94 10.8 5.0 7.6#
80 11.2 5.9 8.9#

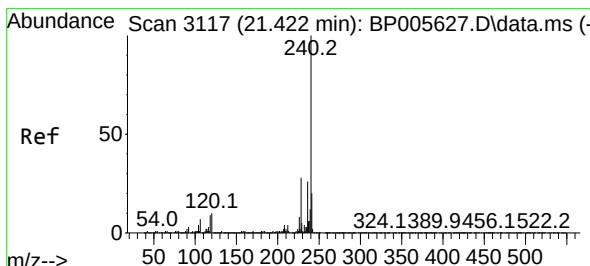
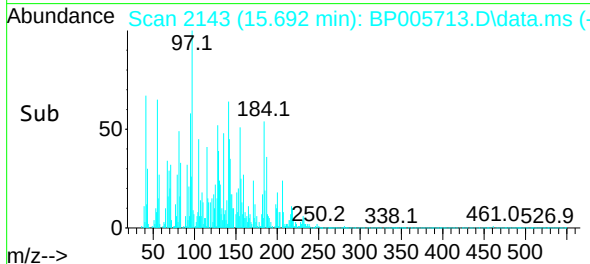
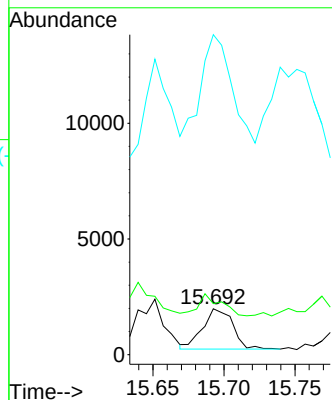
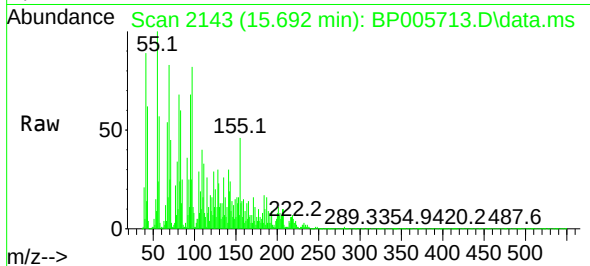




#65
4,6-Dinitro-2-methylphenol
Concen: 2.939 ng
RT: 15.692 min Scan# 2143
Delta R.T. -0.036 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

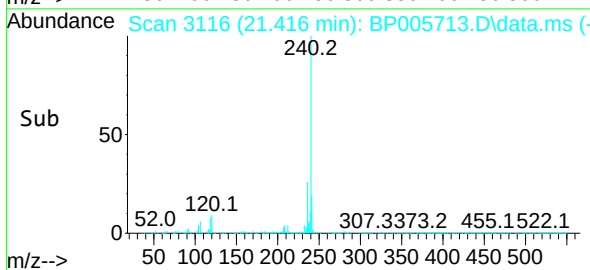
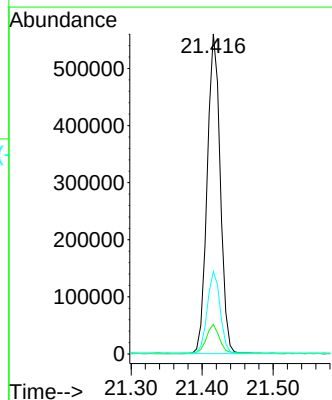
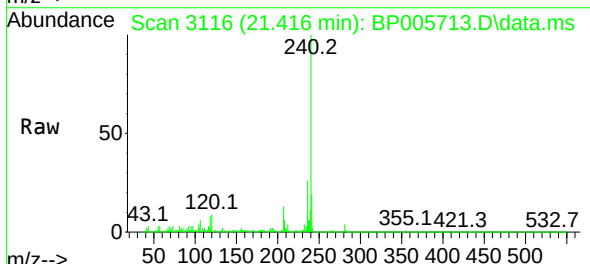
Instrument :
BNA_P
ClientSampleId :
RO-CHRT-27166

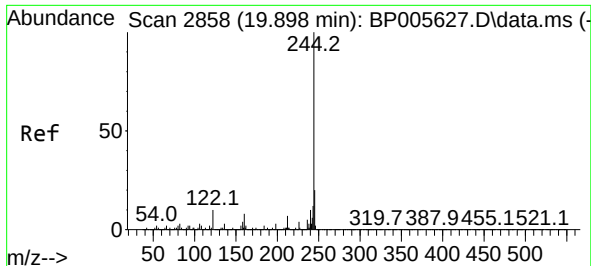
Tgt Ion:198 Resp: 2550
Ion Ratio Lower Upper
198 100
51 111.2 10.3 50.3#
105 696.0 13.6 53.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005713.D
Acq: 04 Jun 2021 15:19

Tgt Ion:240 Resp: 716671
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.8 20.2 30.2

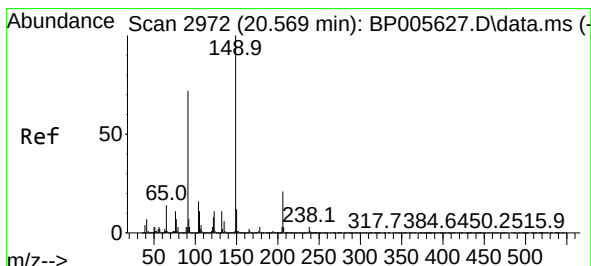
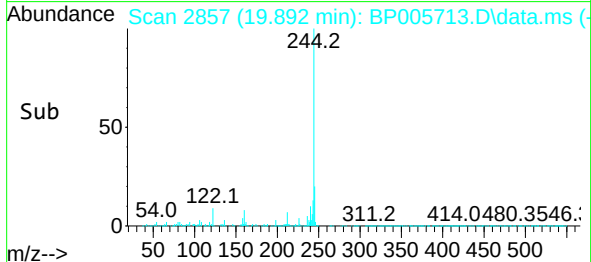
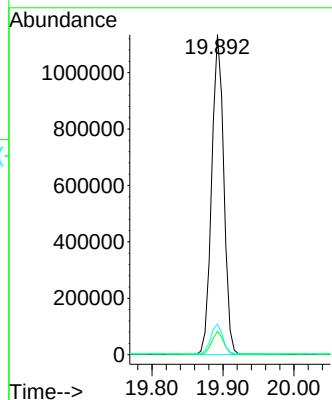
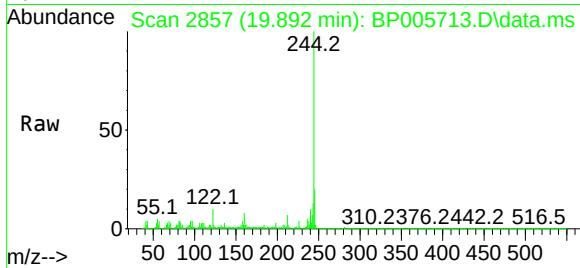




#79
 Terphenyl-d14
 Concen: 35.118 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005713.D
 Acq: 04 Jun 2021 15:19

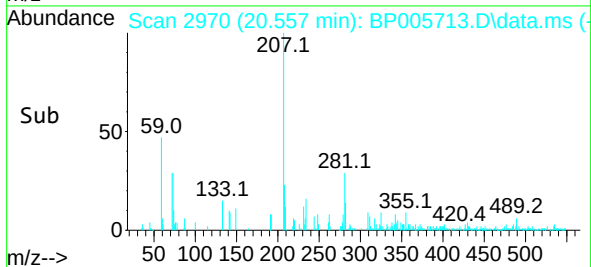
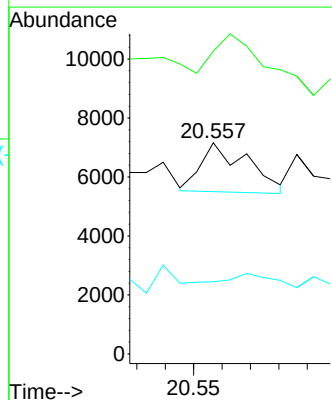
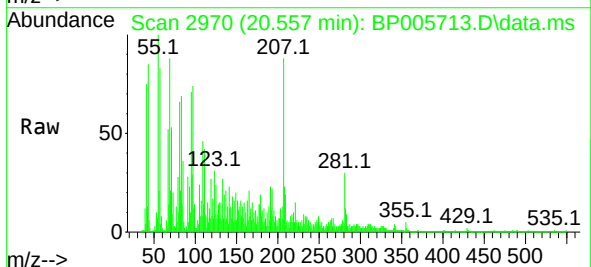
Instrument :
 BNA_P
 ClientSampleId :
 RO-CHRT-27166

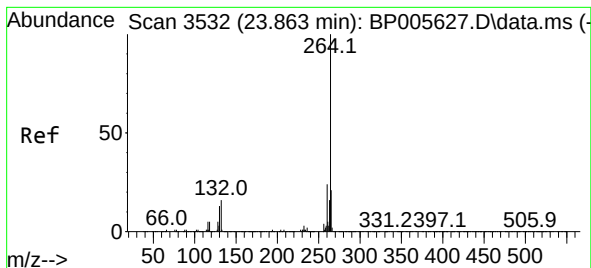
Tgt Ion:244 Resp: 1341254
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.5 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.215 ng
 RT: 20.557 min Scan# 2970
 Delta R.T. -0.012 min
 Lab File: BP005713.D
 Acq: 04 Jun 2021 15:19

Tgt Ion:149 Resp: 1899
 Ion Ratio Lower Upper
 149 100
 91 143.3 60.2 90.4#
 206 34.2 23.9 35.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.857 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BP005713.D

Acq: 04 Jun 2021 15:19

Instrument :

BNA_P

ClientSampleId :

RO-CHRT-27166

Tgt Ion:264 Resp: 837457

Ion Ratio Lower Upper

264 100

260 24.7 20.6 30.8

265 22.2 19.0 28.6

