

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005710.D
 Acq On : 04 Jun 2021 13:37
 Operator : CG/JU
 Sample : M2611-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T-1

Quant Time: Jun 04 14:48:54 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)

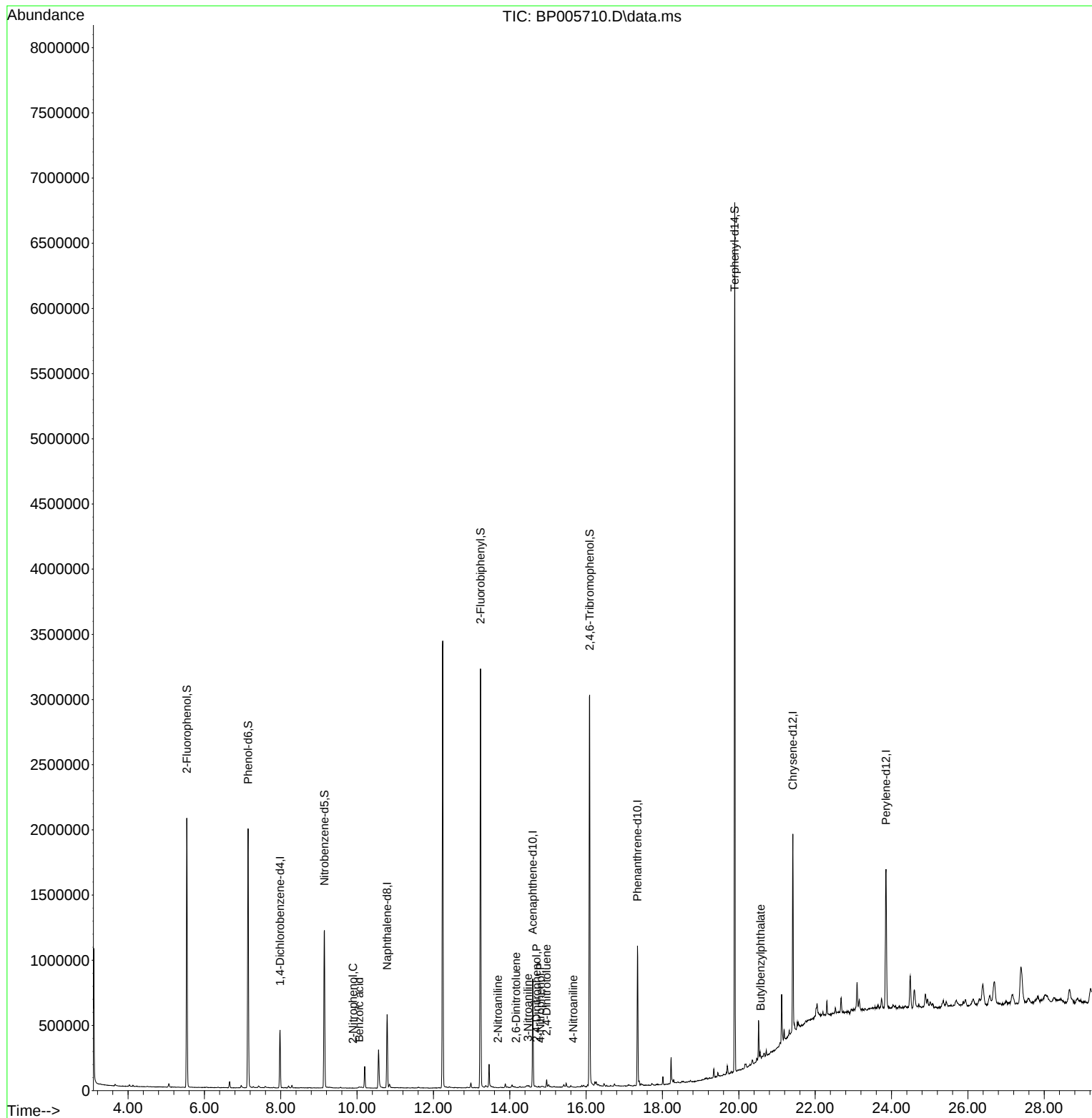
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	119011	20.000	ng	-0.01
21) Naphthalene-d8	10.787	136	461715	20.000	ng	#-0.01
39) Acenaphthene-d10	14.604	164	289806	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	637397	20.000	ng	# 0.00
76) Chrysene-d12	21.416	240	742641	20.000	ng	# 0.00
86) Perylene-d12	23.857	264	831293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	874798	114.281	ng	0.00
7) Phenol-d6	7.146	99	1118207	107.156	ng	0.00
23) Nitrobenzene-d5	9.146	82	717000	86.363	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	637307	171.496	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	1619305	73.947	ng	0.00
79) Terphenyl-d14	19.892	244	2924055	73.883	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.893	139	32	4.164	ng	# 1
32) Benzoic acid	10.057	122	4622	6.075	ng	# 82
48) 2-Nitroaniline	13.687	65	257	4.538	ng	# 88
51) 2,6-Dinitrotoluene	14.163	165	68	5.071	ng	# 38
53) 3-Nitroaniline	14.475	138	220	3.693	ng	# 40
54) 2,4-Dinitrophenol	14.704	184	27	6.539	ng	# 1
56) 4-Nitrophenol	14.798	139	25	3.750	ng	# 13
57) 2,4-Dinitrotoluene	14.963	165	1376	4.460	ng	# 42
62) 4-Nitroaniline	15.663	138	41	3.637	ng	# 20
80) Butylbenzylphthalate	20.569	149	4411	4.321	ng	# 76

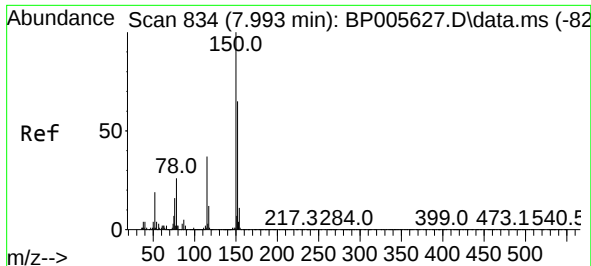
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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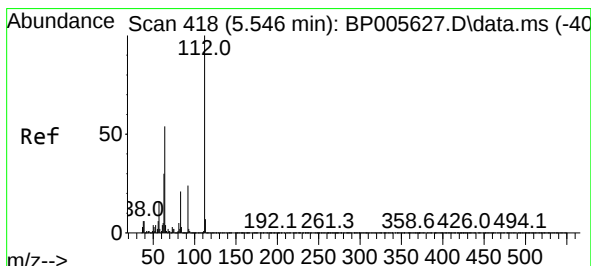
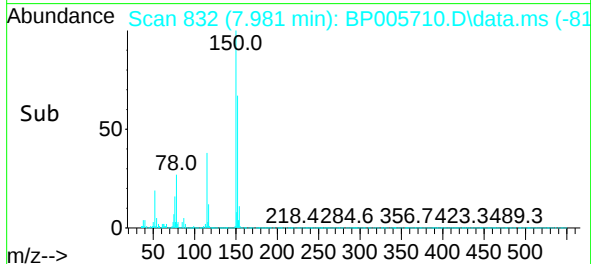
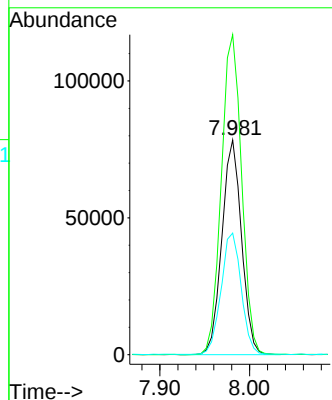
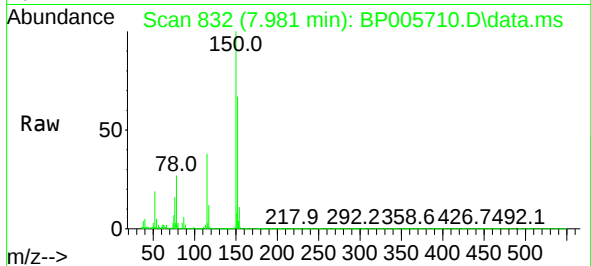




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

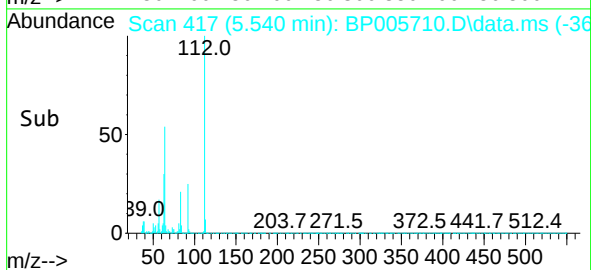
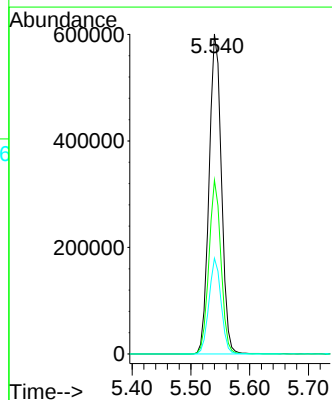
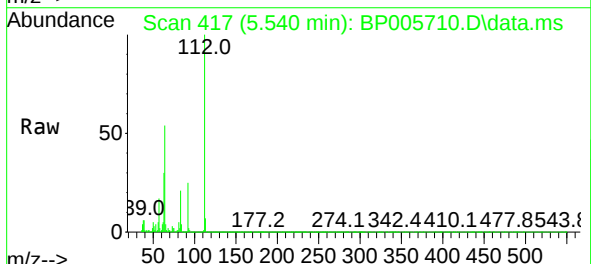
Instrument :
BNA_P
ClientSampleId :
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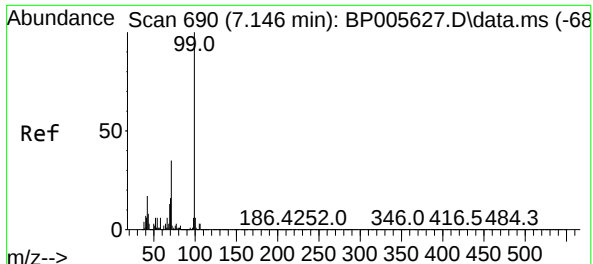
Tgt Ion:152 Resp: 119011
Ion Ratio Lower Upper
152 100
150 149.0 119.8 179.8
115 56.6 49.0 73.4



#5
2-Fluorophenol
Concen: 114.281 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:112 Resp: 874798
Ion Ratio Lower Upper
112 100
64 54.3 33.6 50.4#
63 29.9 18.6 27.8#



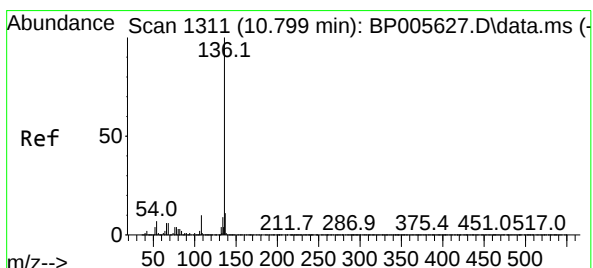
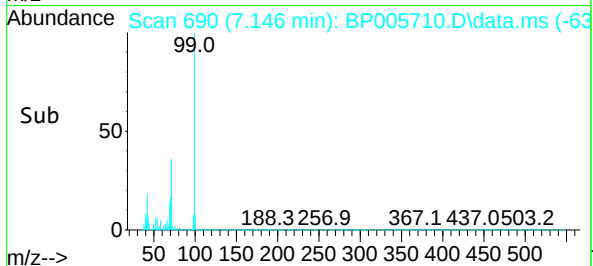
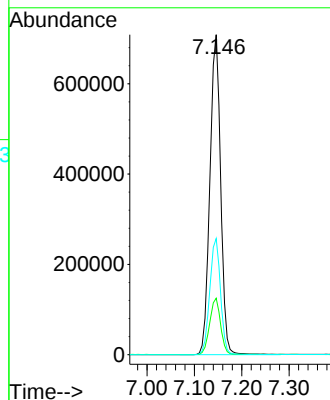
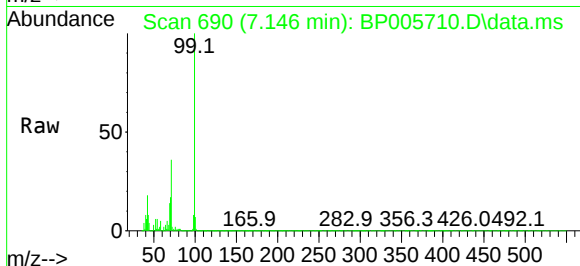


#7
Phenol-d6
Concen: 107.156 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion: 99 Resp: 1118207

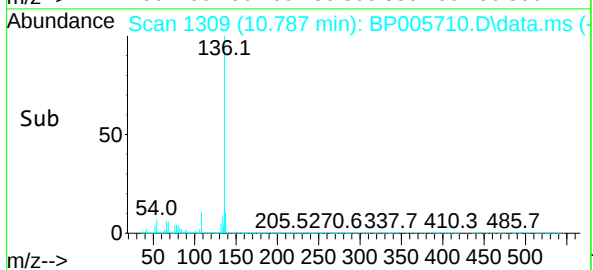
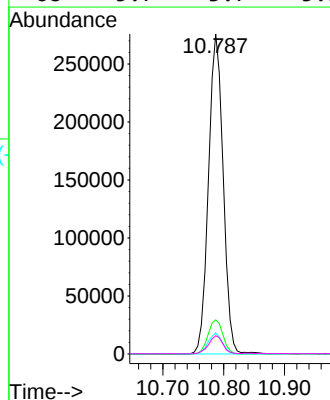
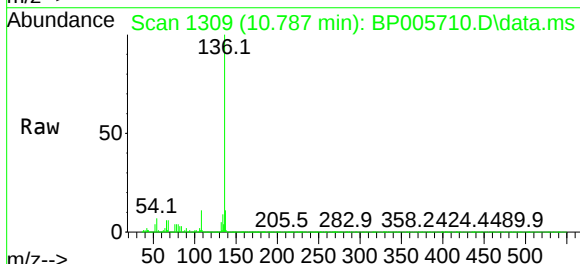
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.9	19.3
71	36.3	26.7	40.1

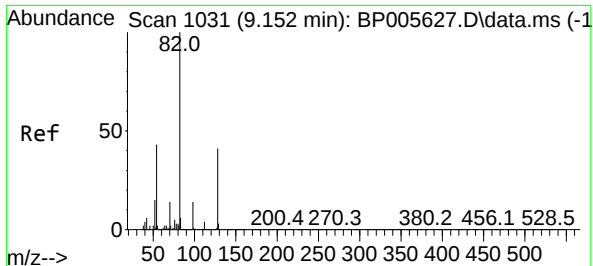


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:136 Resp: 461715

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	5.0	7.4
68	5.7	3.7	5.5

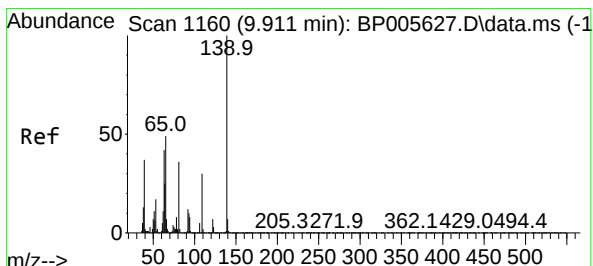
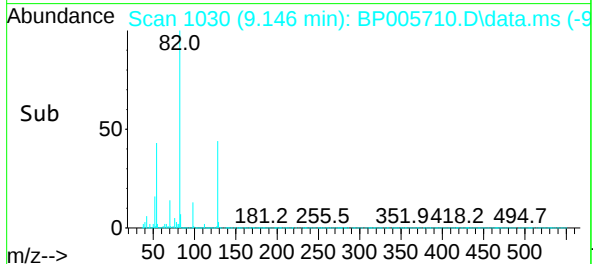
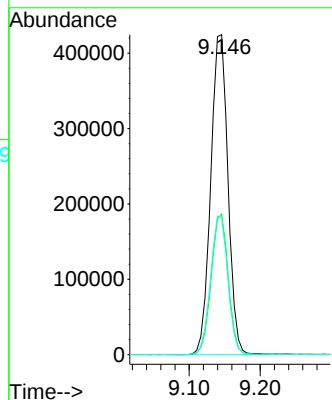
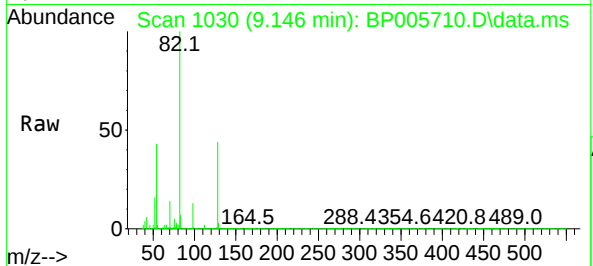




#23
Nitrobenzene-d5
Concen: 86.363 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

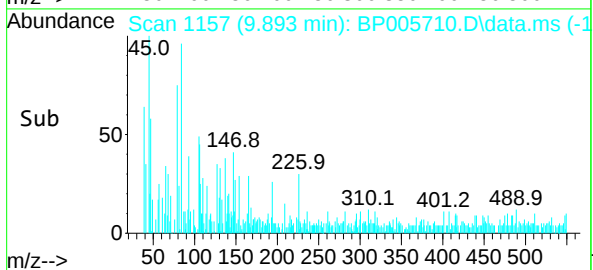
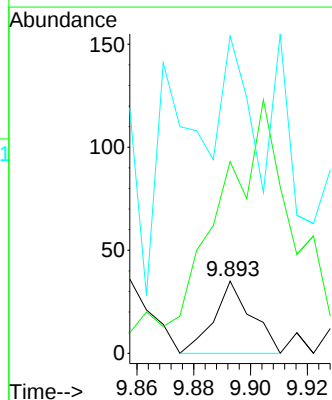
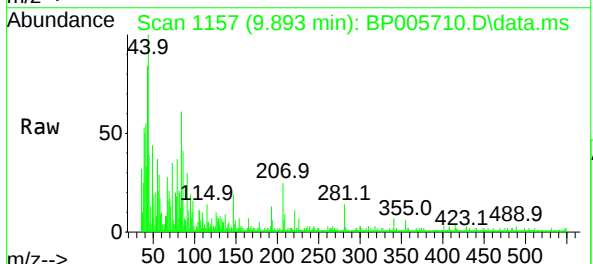
Instrument :
BNA_P
ClientSampleId :
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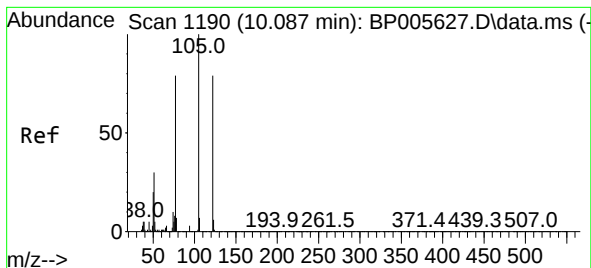
Tgt Ion: 82 Resp: 717000
Ion Ratio Lower Upper
82 100
128 43.9 30.5 45.7
54 43.0 33.9 50.9



#26
2-Nitrophenol
Concen: 4.164 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:139 Resp: 32
Ion Ratio Lower Upper
139 100
109 265.7 40.7 61.1#
65 440.0 47.8 71.6#

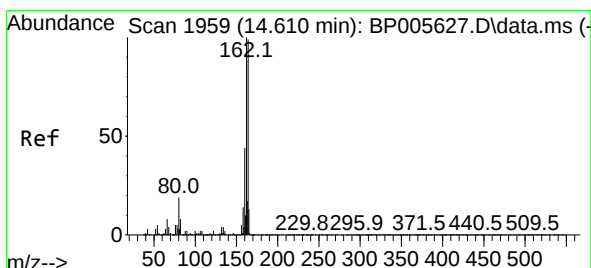
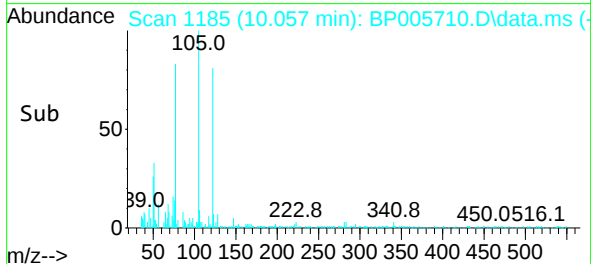
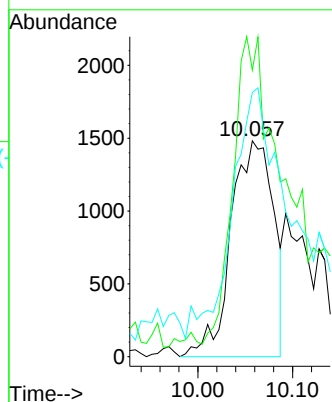
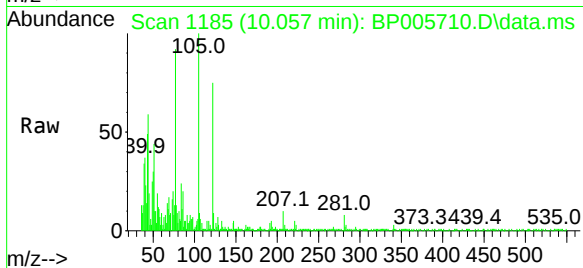




#32
Benzoic acid
Concen: 6.075 ng
RT: 10.057 min Scan# 1185
Delta R.T. -0.030 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

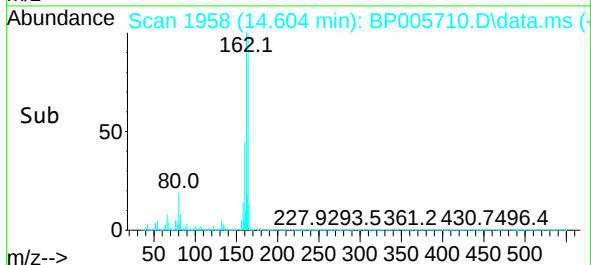
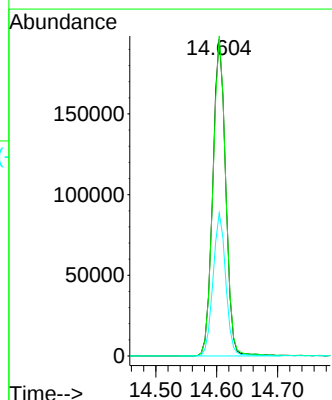
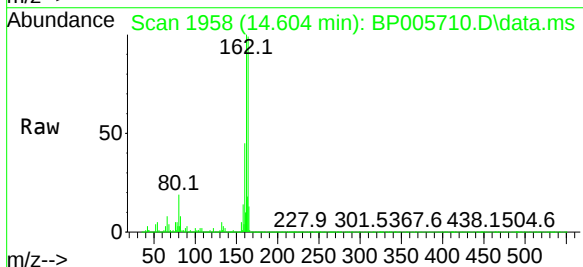
Instrument :
BNA_P
ClientSampleId :
T-1

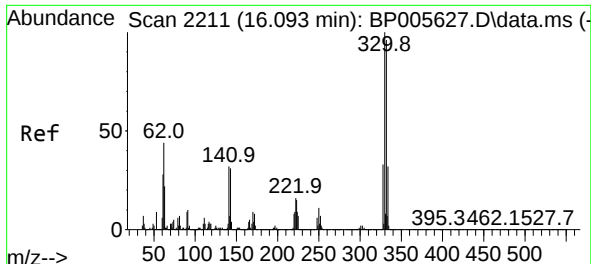
Tgt Ion:122 Resp: 4622
Ion Ratio Lower Upper
122 100
105 132.7 105.1 145.1
77 122.4 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:164 Resp: 289806
Ion Ratio Lower Upper
164 100
162 101.0 73.5 110.3
160 45.2 40.6 61.0

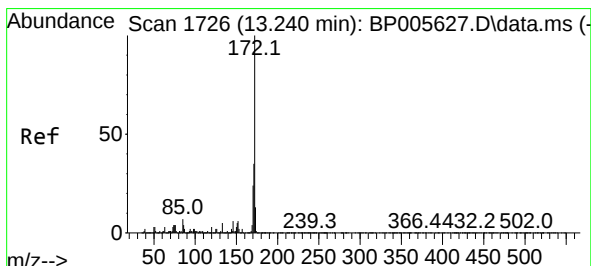
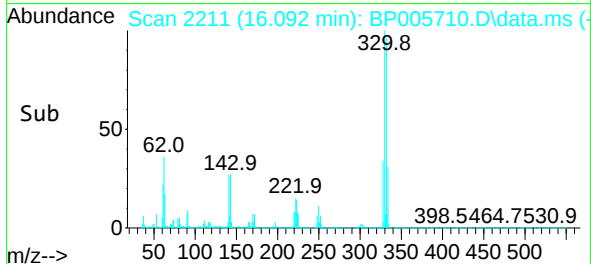
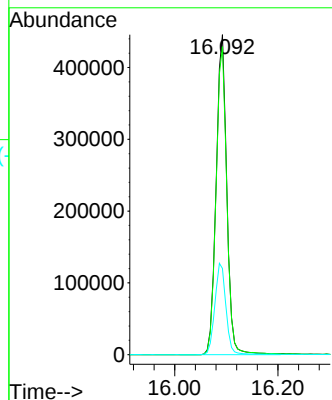
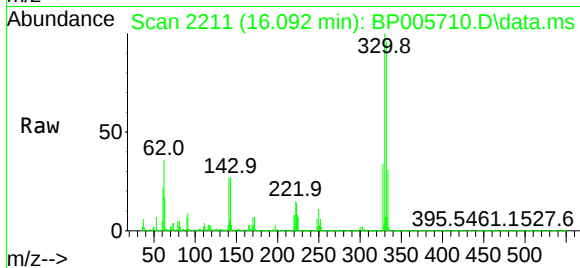




#42
2,4,6-Tribromophenol
Concen: 171.496 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

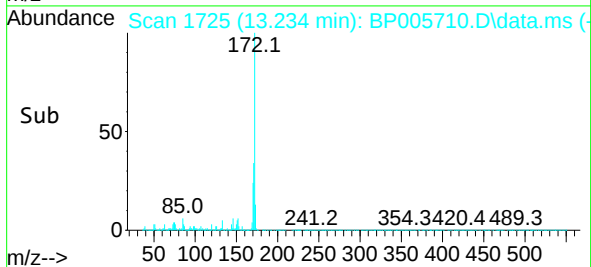
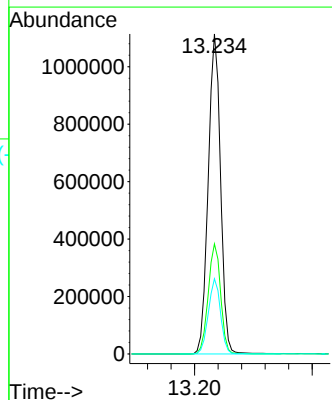
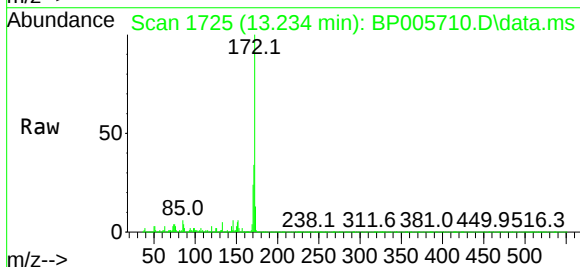
Instrument :
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ClientSampleId :
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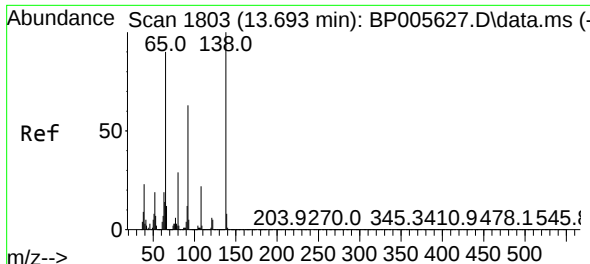
Tgt Ion:330 Resp: 637307
Ion Ratio Lower Upper
330 100
332 98.2 76.3 114.5
141 29.8 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 73.947 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:172 Resp: 1619305
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.5 19.6 29.4

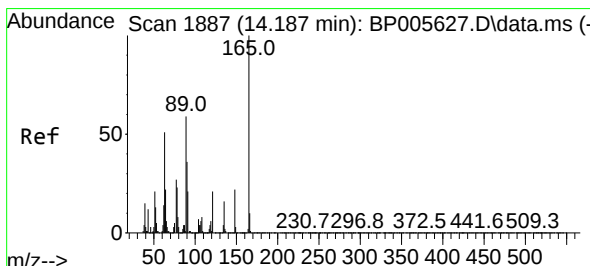
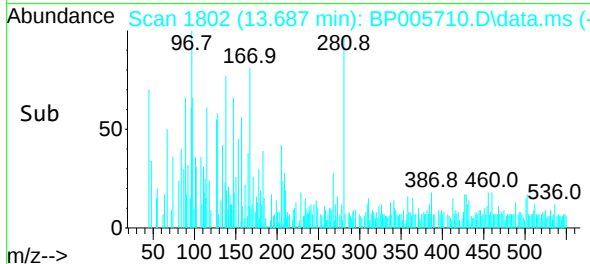
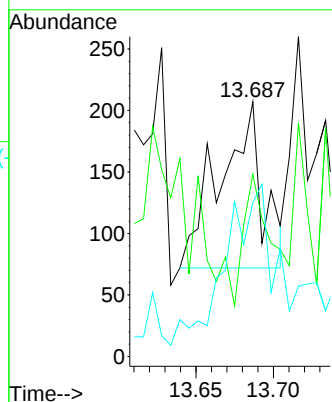
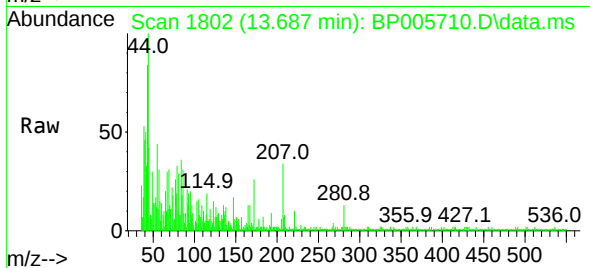




#48
2-Nitroaniline
Concen: 4.538 ng
RT: 13.687 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

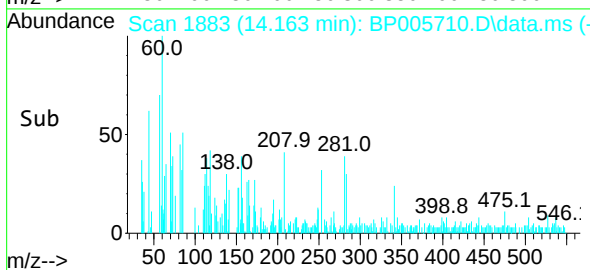
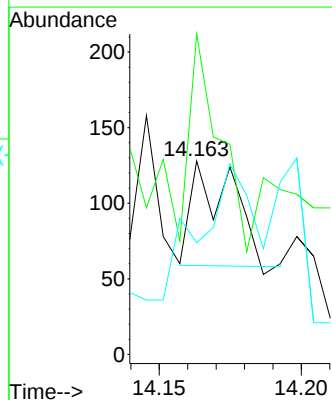
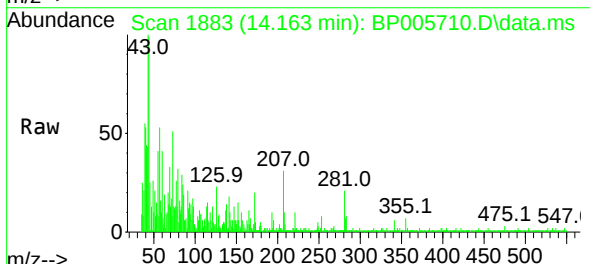
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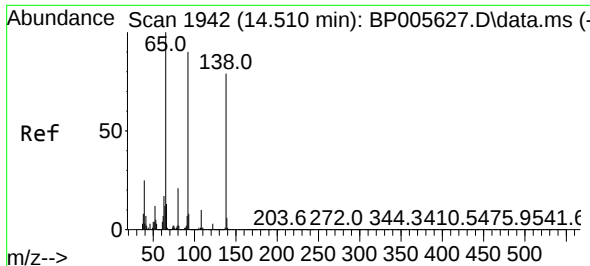
Tgt Ion: 65 Resp: 257
Ion Ratio Lower Upper
65 100
92 71.5 48.8 73.2
138 77.3 69.5 104.3



#51
2,6-Dinitrotoluene
Concen: 5.071 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.024 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion: 165 Resp: 68
Ion Ratio Lower Upper
165 100
63 165.6 67.4 101.0#
89 57.8 73.8 110.6#

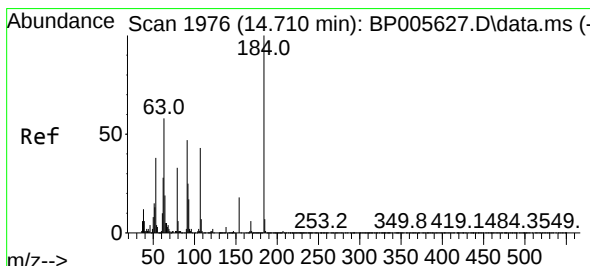
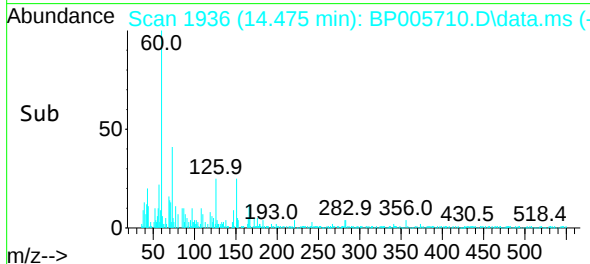
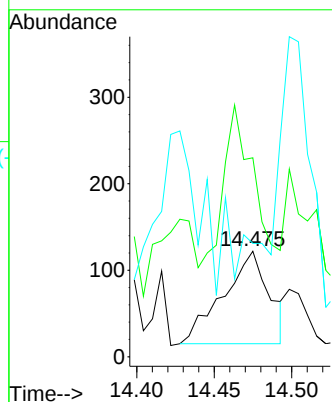
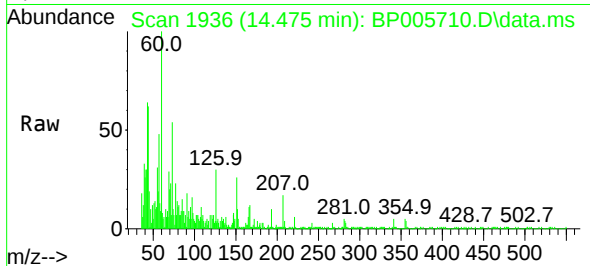




#53
3-Nitroaniline
Concen: 3.693 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.035 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

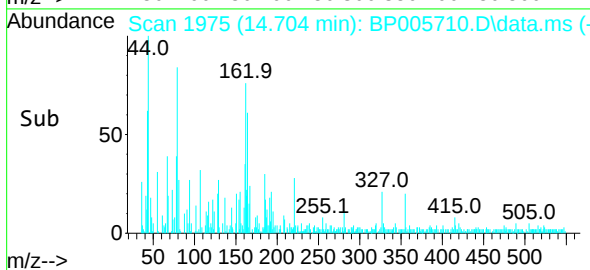
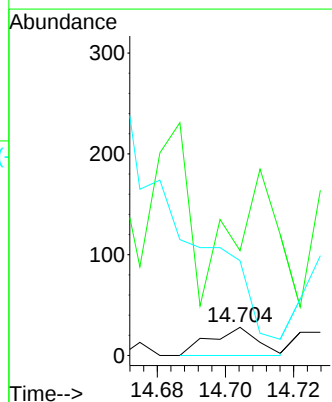
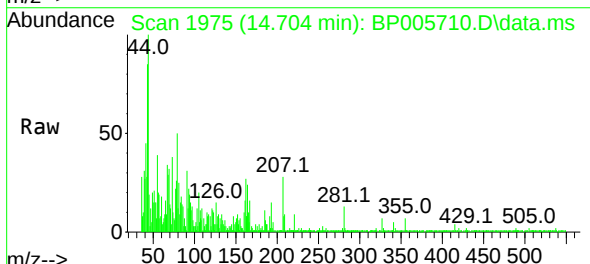
Instrument :
BNA_P
ClientSampleId :
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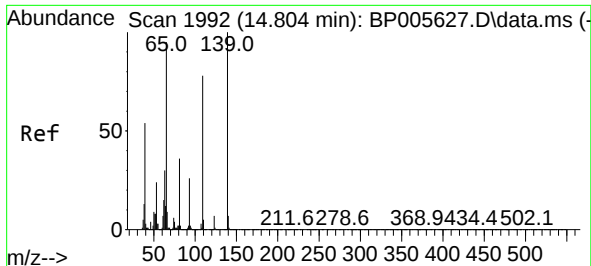
Tgt Ion:138 Resp: 220
Ion Ratio Lower Upper
138 100
108 188.5 10.2 15.4#
92 107.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.539 ng
RT: 14.704 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:184 Resp: 27
Ion Ratio Lower Upper
184 100
63 371.4 51.2 76.8#
154 335.7 55.8 83.8#

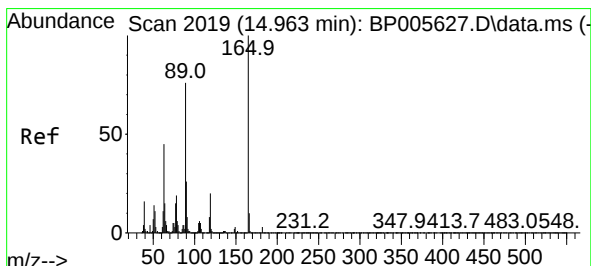
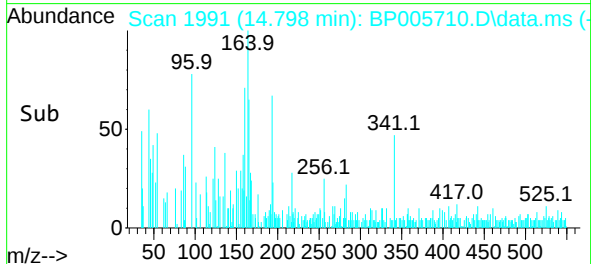
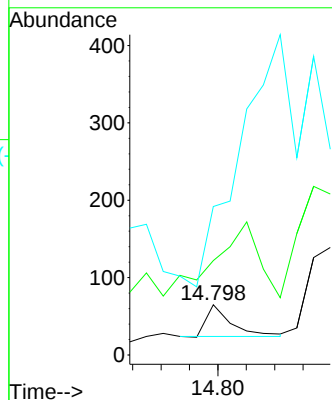
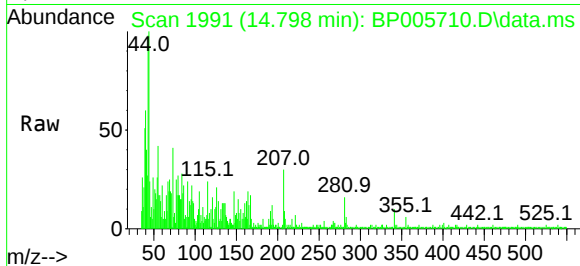




#56
4-Nitrophenol
Concen: 3.750 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

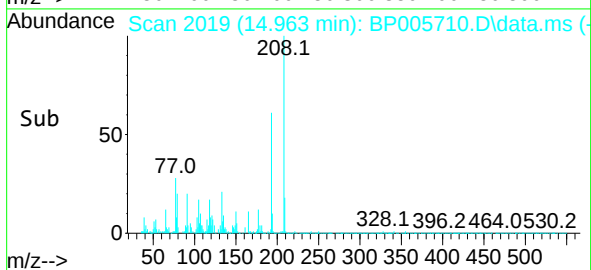
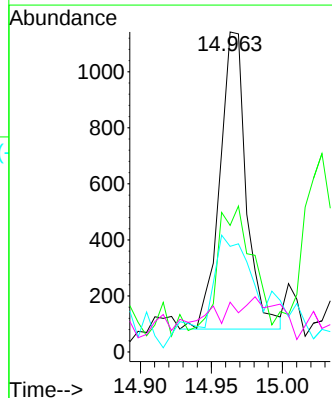
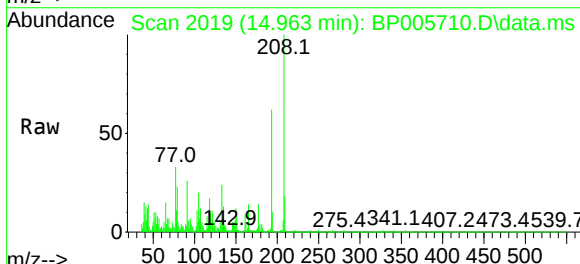
Instrument :
BNA_P
ClientSampleId :
T-1

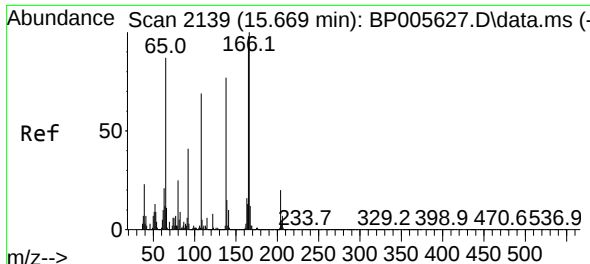
Tgt Ion:	139	Resp:	25
Ion	Ratio	Lower	Upper
139	100		
109	187.7	122.8	162.8#
65	295.4	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 4.460 ng
RT: 14.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:	165	Resp:	1376
Ion	Ratio	Lower	Upper
165	100		
63	39.6	56.7	85.1#
89	33.0	85.8	128.6#
182	15.6	3.0	4.6#

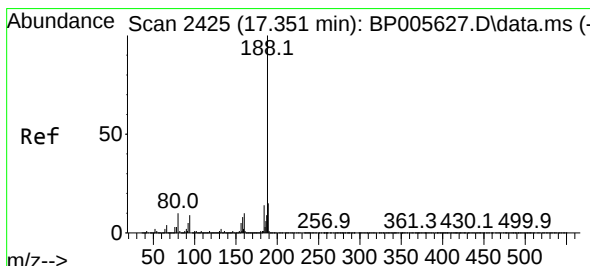
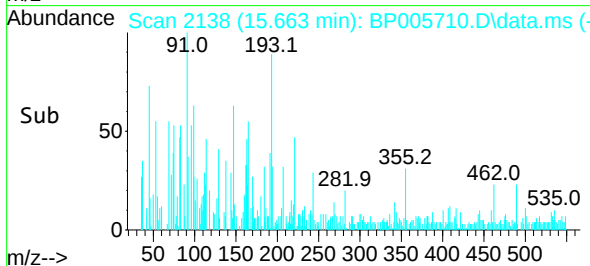
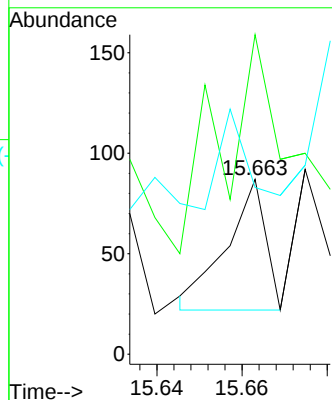
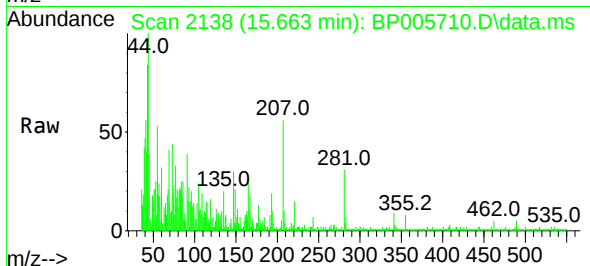




#62
4-Nitroaniline
Concen: 3.637 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

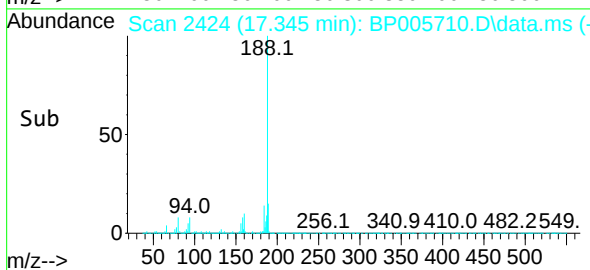
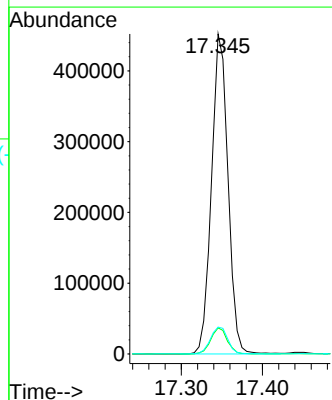
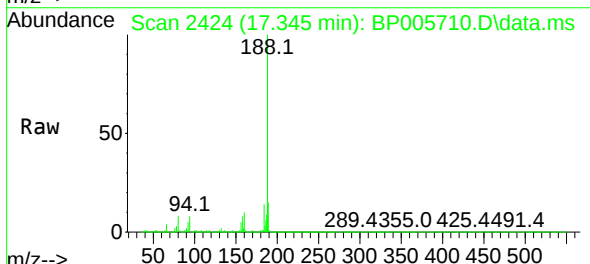
Instrument :
BNA_P
ClientSampleId :
T-1

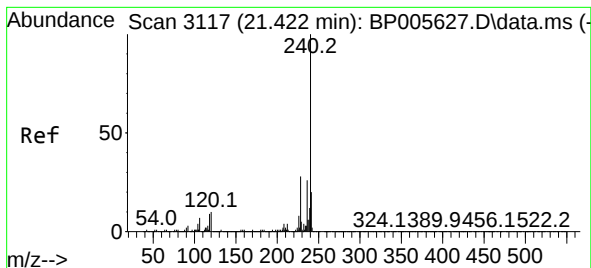
Tgt Ion:138 Resp: 41
Ion Ratio Lower Upper
138 100
92 182.8 50.9 90.9#
108 95.4 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:188 Resp: 637397
Ion Ratio Lower Upper
188 100
94 8.2 5.0 7.6#
80 8.4 5.9 8.9

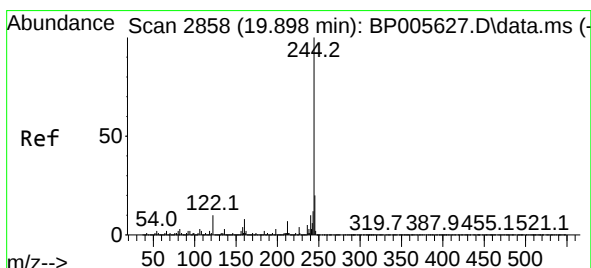
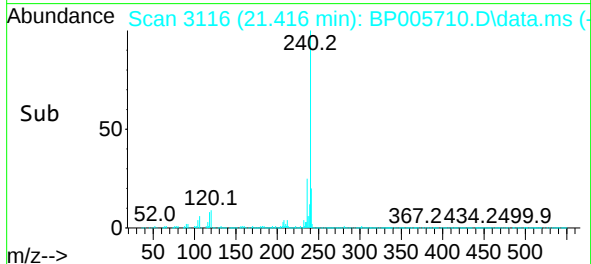
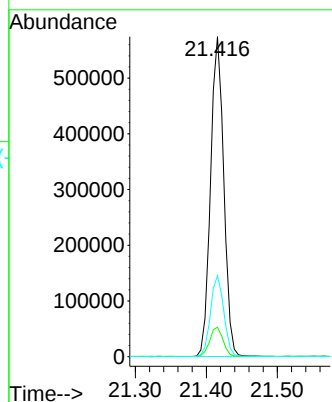
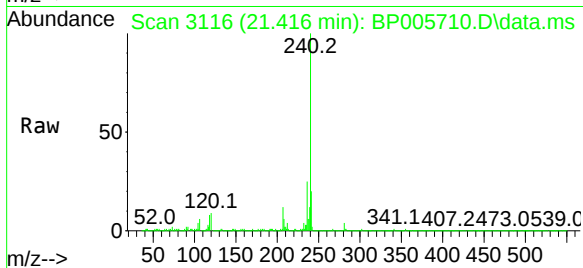




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

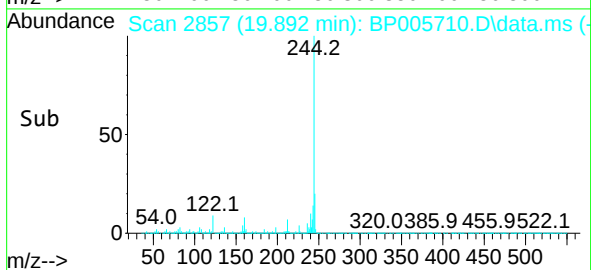
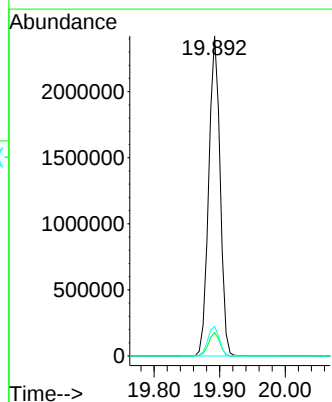
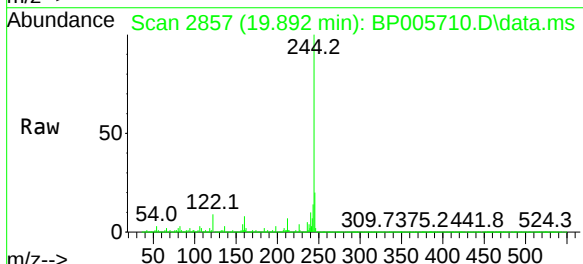
Instrument :
BNA_P
ClientSampleId :
T-1

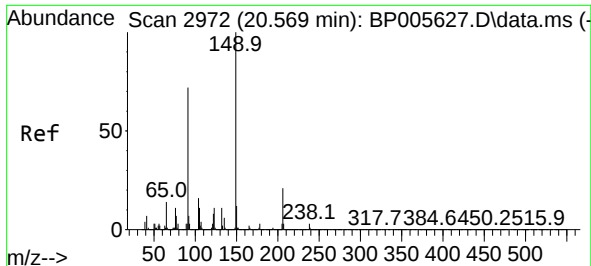
Tgt Ion:240 Resp: 742641
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 73.883 ng
RT: 19.892 min Scan# 2857
Delta R.T. -0.006 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:244 Resp: 2924055
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.3 5.2 7.8#

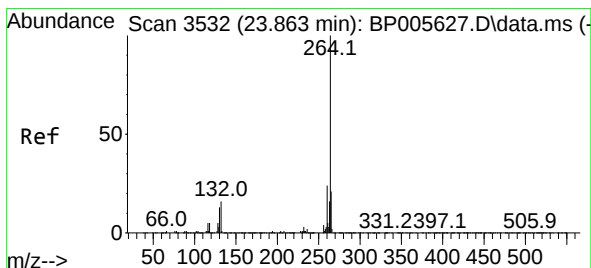
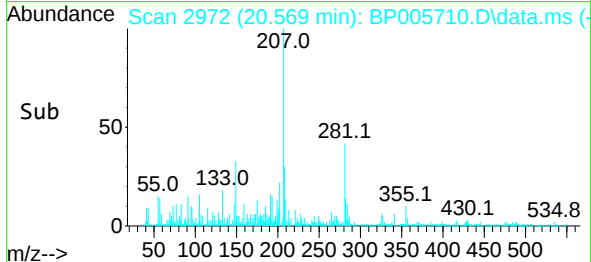
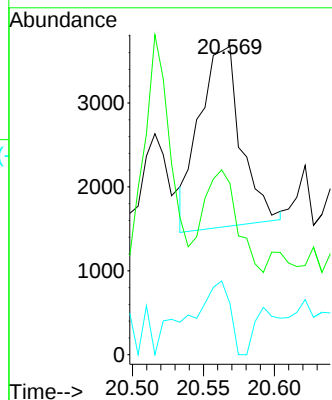
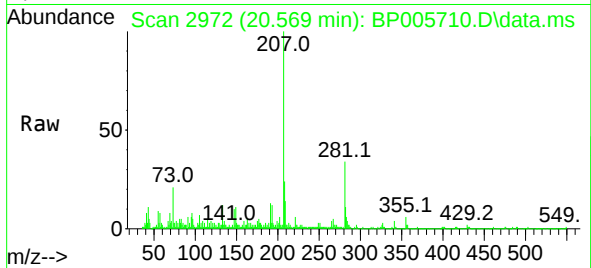




#80
Butylbenzylphthalate
Concen: 4.321 ng
RT: 20.569 min Scan# 2972
Delta R.T. -0.000 min
Lab File: BP005710.D
Acq: 04 Jun 2021 13:37

Instrument :
BNA_P
ClientSampleId :
T-1

Tgt Ion:149 Resp: 4411
Ion Ratio Lower Upper
149 100
91 55.5 60.2 90.4#
206 16.6 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: BP005710.D
Acq: 04 Jun 2021 13:37

Tgt Ion:264 Resp: 831293
Ion Ratio Lower Upper
264 100
260 24.0 20.6 30.8
265 22.7 19.0 28.6

