

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
 Data File : BP005728.D
 Acq On : 05 Jun 2021 00:31
 Operator : CG/JU
 Sample : M2589-11 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B10(0-2)

Quant Time: Jun 05 03:27:07 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)

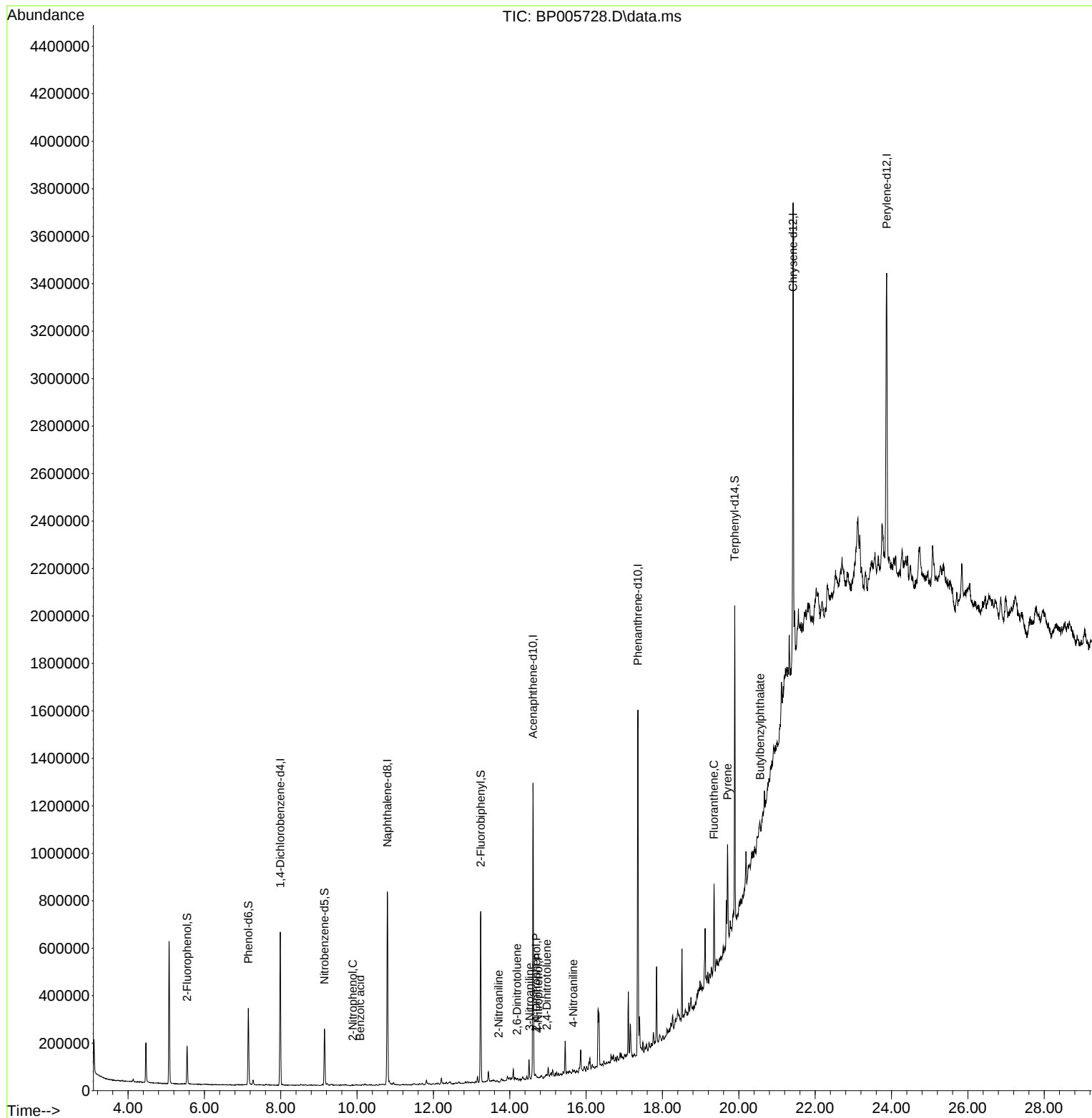
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	172283	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	680164	20.00	ng	0.00
39) Acenaphthene-d10	14.610	164	423999	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	875870	20.00	ng	# 0.00
76) Chrysene-d12	21.421	240	893972	20.00	ng	# 0.00
86) Perylene-d12	23.874	264	1018491	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	75780	6.84	ng	0.00
7) Phenol-d6	7.152	99	183605	12.15	ng	0.00
23) Nitrobenzene-d5	9.146	82	143005	11.69	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	9604	1.77	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	373817	11.67	ng	0.00
79) Terphenyl-d14	19.892	244	571847	12.00	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.887	139	76	4.17	ng	# 1
32) Benzoic acid	10.081	122	80	5.03	ng	# 1
48) 2-Nitroaniline	13.710	65	280	4.53	ng	# 63
51) 2,6-Dinitrotoluene	14.192	165	140	5.08	ng	# 55
53) 3-Nitroaniline	14.522	138	365	3.70	ng	# 55
54) 2,4-Dinitrophenol	14.698	184	107	6.56	ng	# 1
56) 4-Nitrophenol	14.745	139	125	3.76	ng	87
57) 2,4-Dinitrotoluene	14.969	165	297	4.29	ng	# 46
62) 4-Nitroaniline	15.663	138	116	3.64	ng	# 52
75) Fluoranthene	19.351	202	221553	3.38	ng	97
78) Pyrene	19.704	202	238004	3.77	ng	98
80) Butylbenzylphthalate	20.557	149	810	4.16	ng	# 41

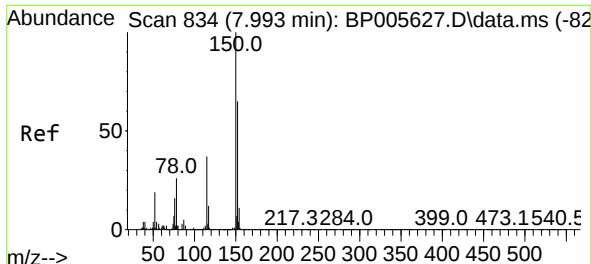
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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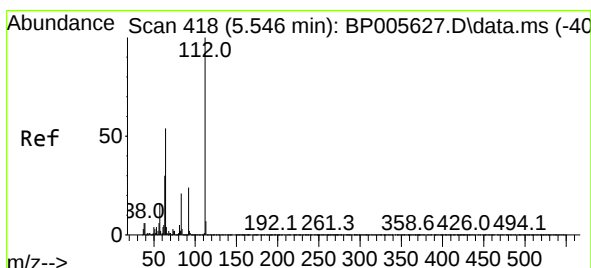
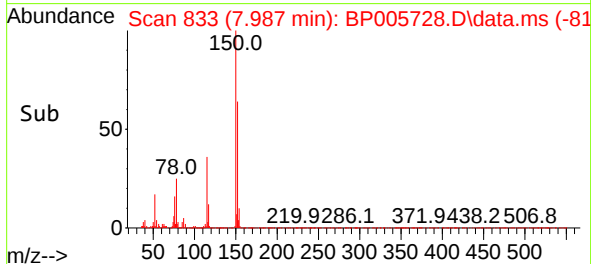
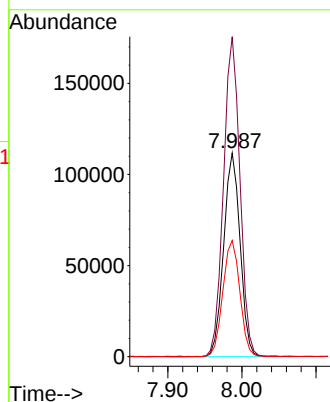
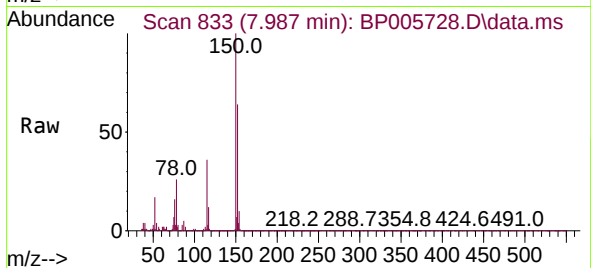




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

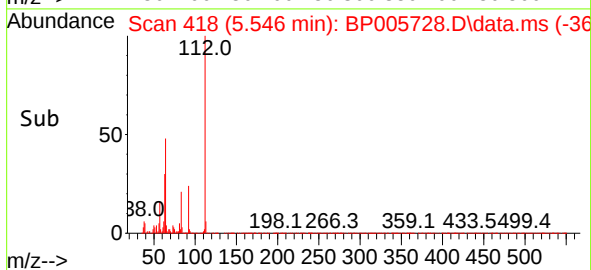
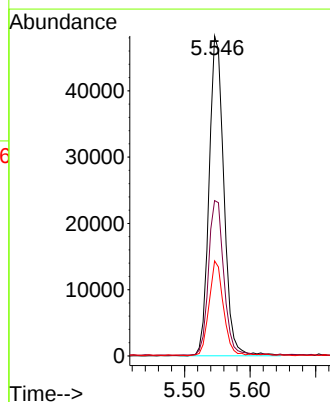
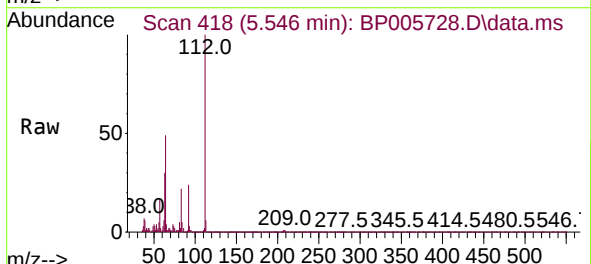
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BNA_P
ClientSampleId :
18-B10(0-2)

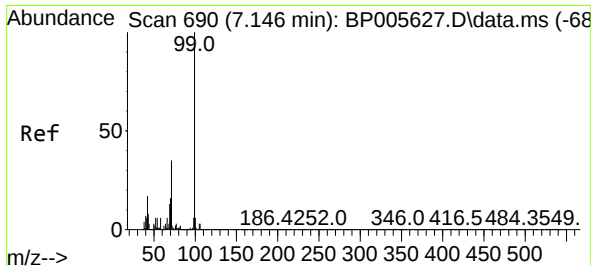
Tgt Ion:152 Resp: 172283
Ion Ratio Lower Upper
152 100
150 157.1 119.8 179.8
115 57.0 49.0 73.4



#5
2-Fluorophenol
Concen: 6.84 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:112 Resp: 75780
Ion Ratio Lower Upper
112 100
64 48.5 33.6 50.4
63 29.7 18.6 27.8#

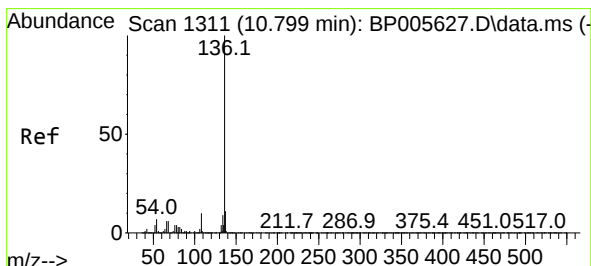
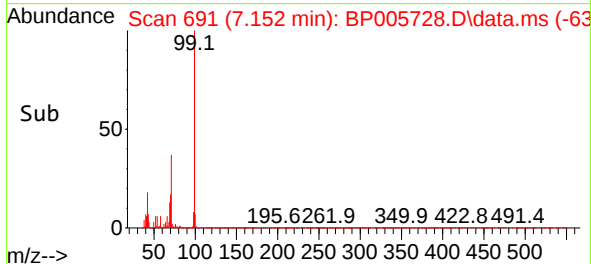
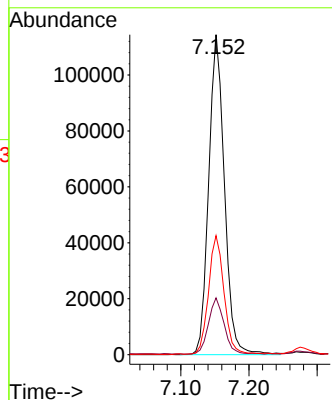
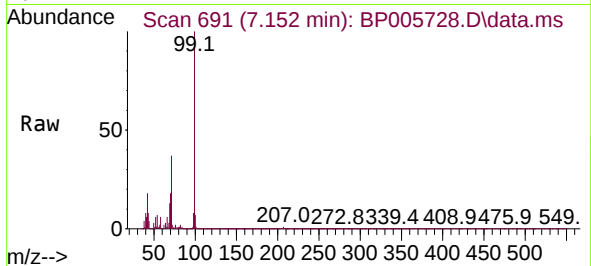




#7
Phenol-d6
Concen: 12.15 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

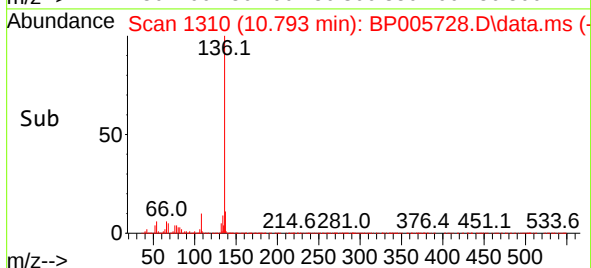
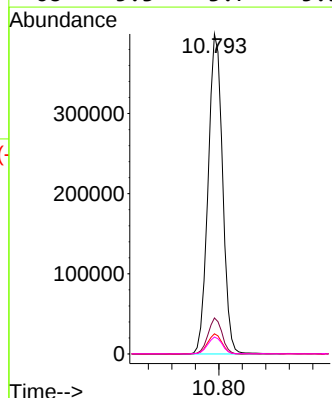
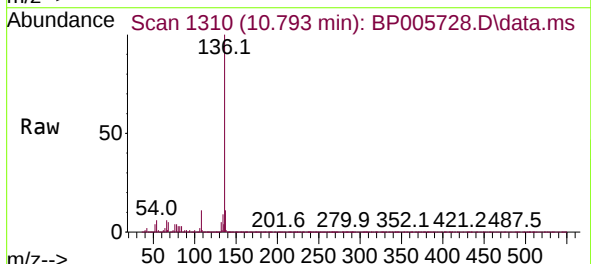
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

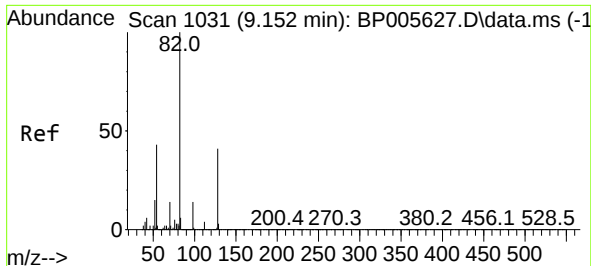
Tgt Ion:	99	Resp:	183605
Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.9	19.3
71	37.2	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:	136	Resp:	680164
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.3	5.0	7.4
68	5.3	3.7	5.5

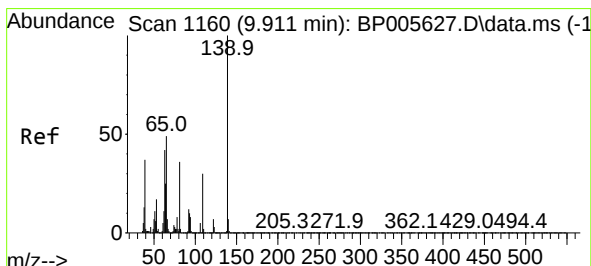
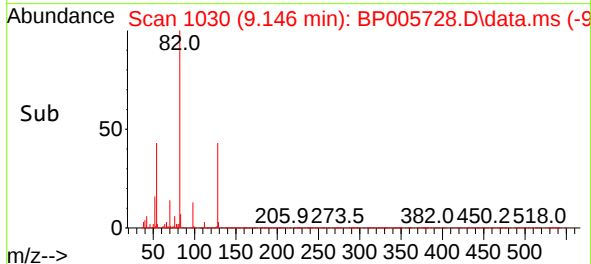
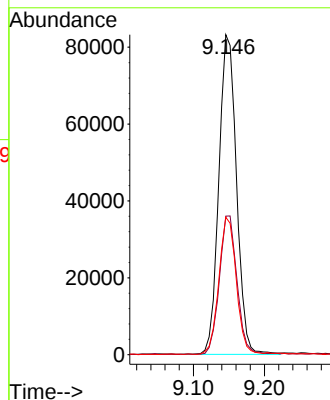
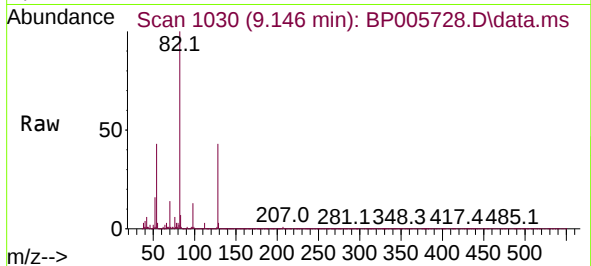




#23
Nitrobenzene-d5
Concen: 11.69 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

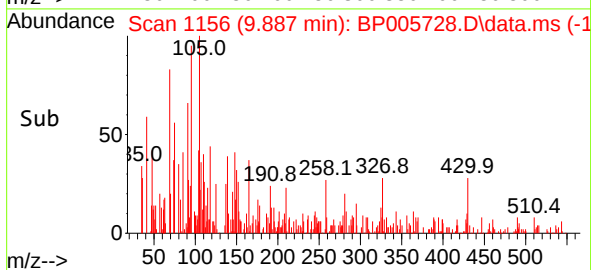
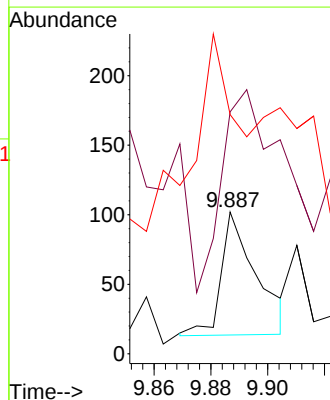
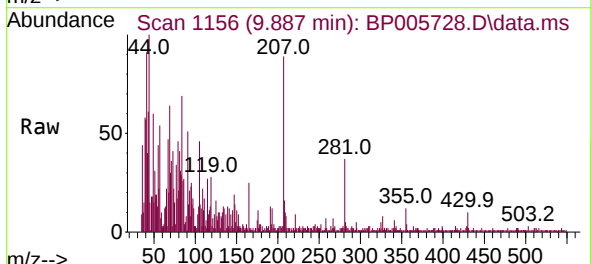
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

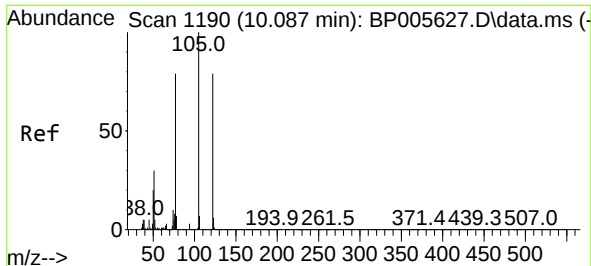
Tgt Ion: 82 Resp: 143005
Ion Ratio Lower Upper
82 100
128 43.3 30.5 45.7
54 42.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.887 min Scan# 1156
Delta R.T. -0.024 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:139 Resp: 76
Ion Ratio Lower Upper
139 100
109 170.6 40.7 61.1#
65 168.6 47.8 71.6#

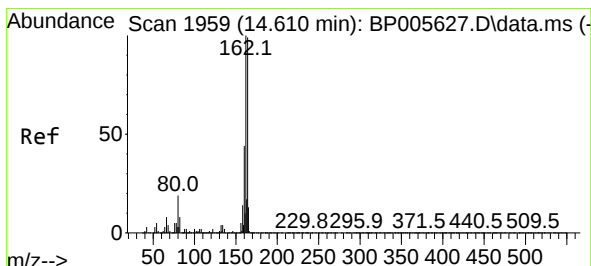
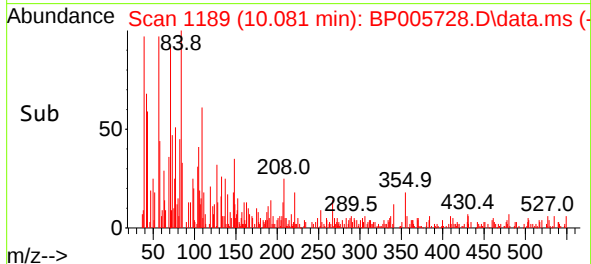
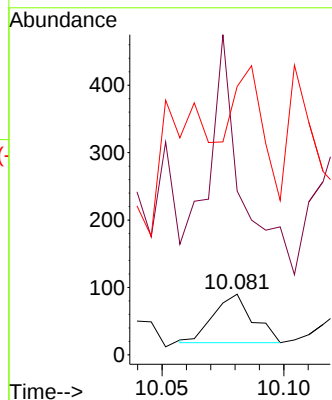
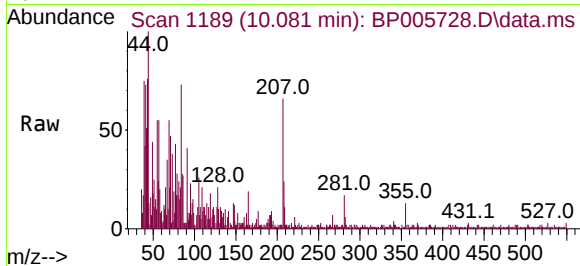




#32
Benzoic acid
Concen: 5.03 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

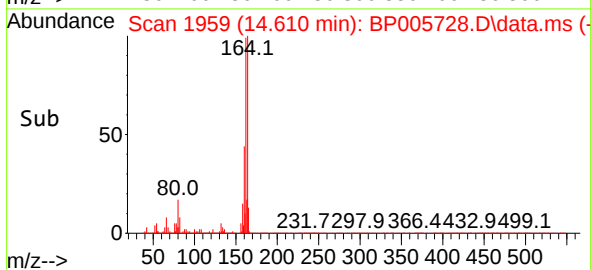
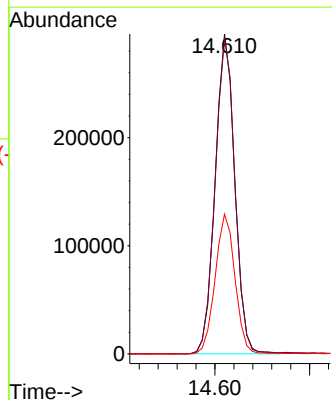
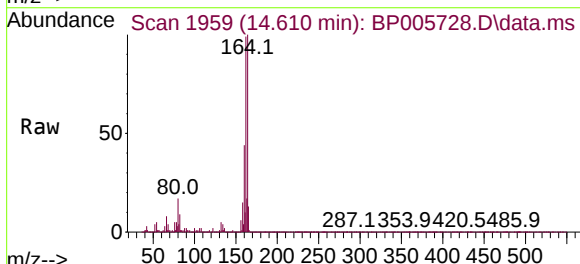
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ClientSampleId :
18-B10(0-2)

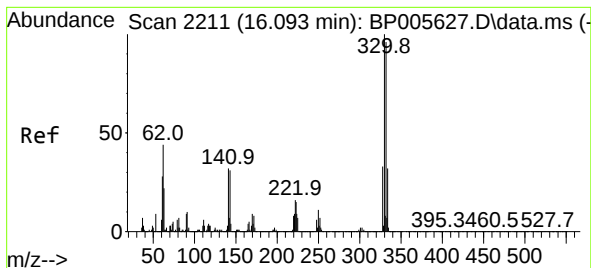
Tgt Ion:122 Resp: 80
Ion Ratio Lower Upper
122 100
105 270.0 105.1 145.1#
77 442.2 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:164 Resp: 423999
Ion Ratio Lower Upper
164 100
162 98.7 73.5 110.3
160 43.7 40.6 61.0

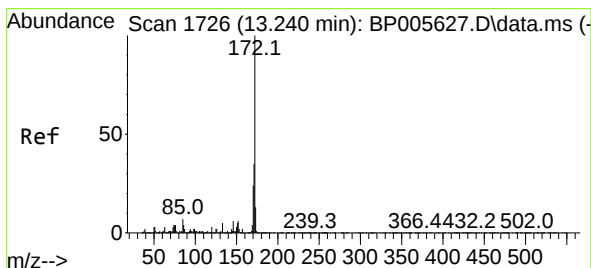
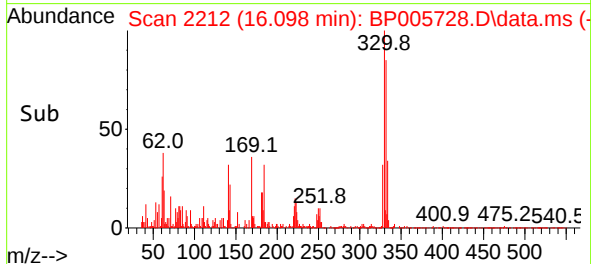
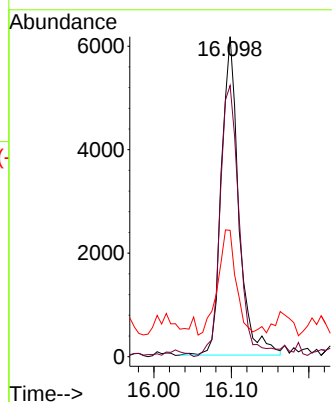
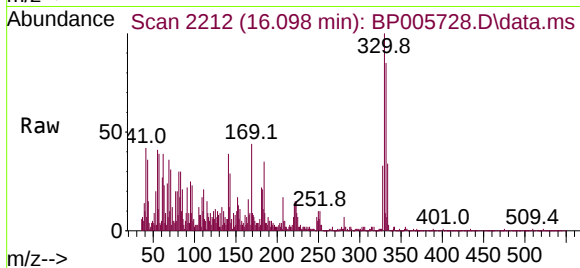




#42
2,4,6-Tribromophenol
Concen: 1.77 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

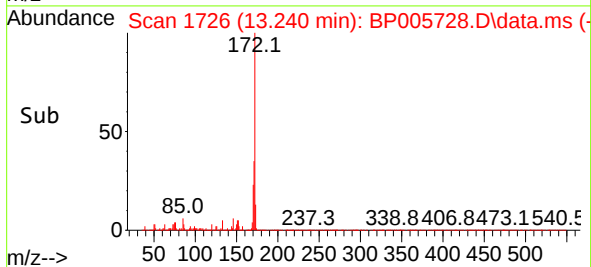
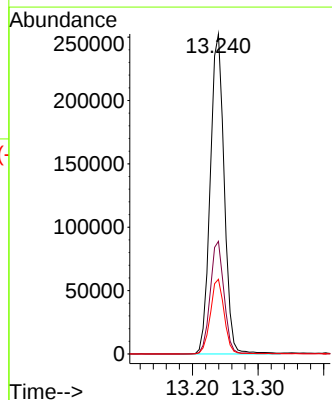
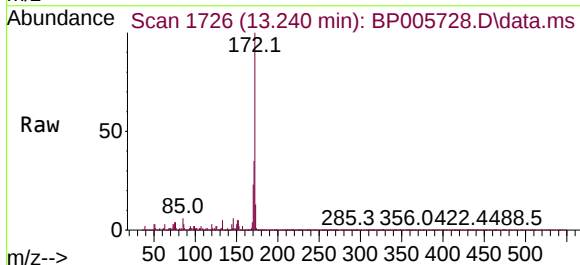
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ClientSampleId :
18-B10(0-2)

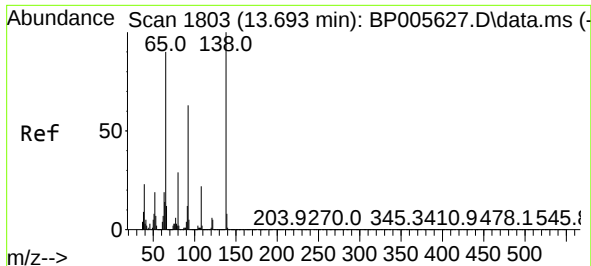
Tgt Ion:330 Resp: 9604
Ion Ratio Lower Upper
330 100
332 93.2 76.3 114.5
141 34.7 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 11.67 ng
RT: 13.240 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:172 Resp: 373817
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.4 19.6 29.4

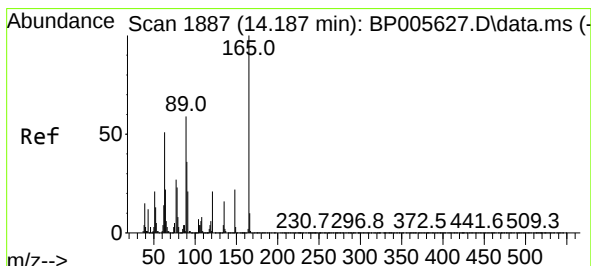
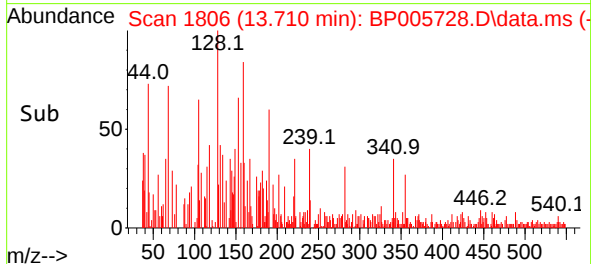
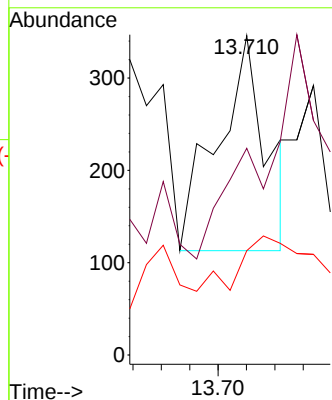
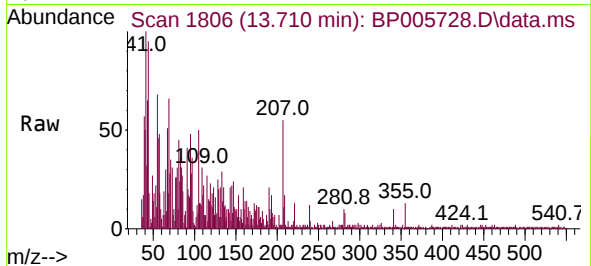




#48
2-Nitroaniline
Concen: 4.53 ng
RT: 13.710 min Scan# 1806
Delta R.T. 0.017 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

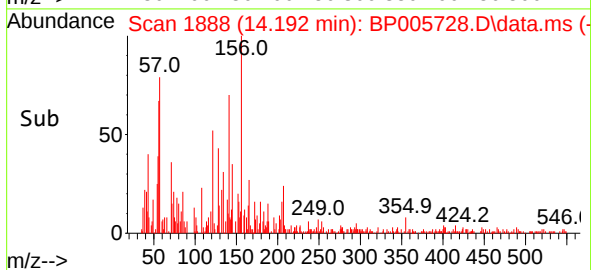
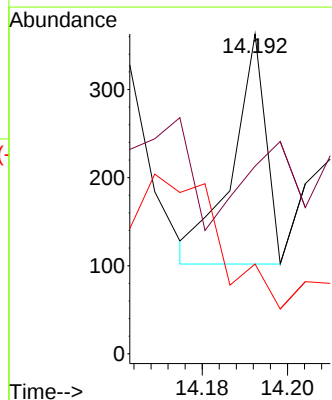
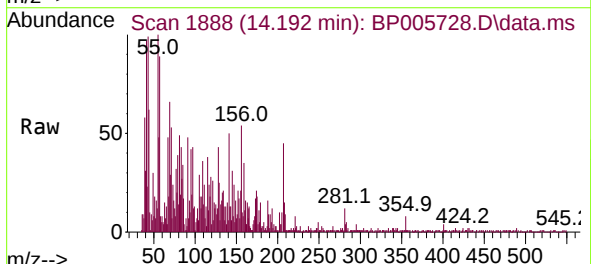
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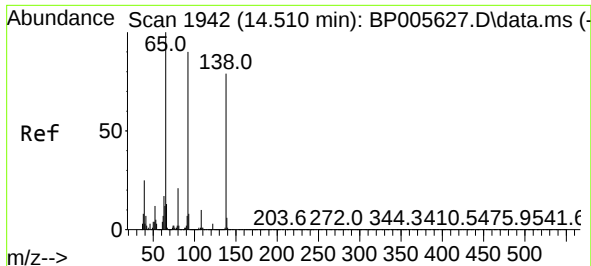
Tgt Ion: 65 Resp: 280
Ion Ratio Lower Upper
65 100
92 64.7 48.8 73.2
138 32.7 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.192 min Scan# 1888
Delta R.T. 0.005 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:165 Resp: 140
Ion Ratio Lower Upper
165 100
63 58.7 67.4 101.0#
89 33.9 73.8 110.6#

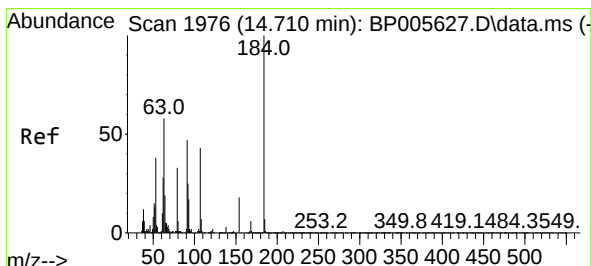
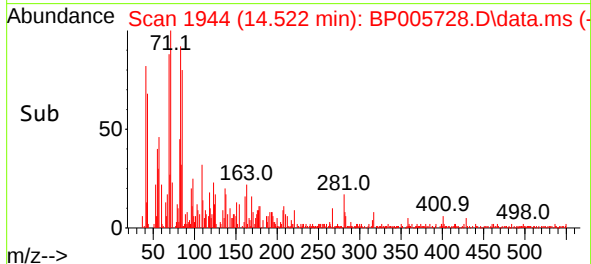
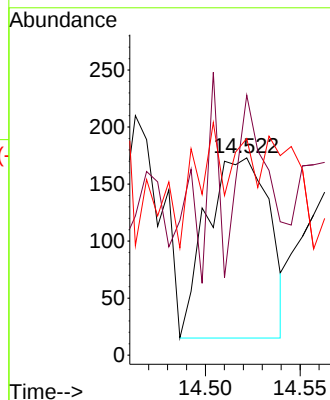
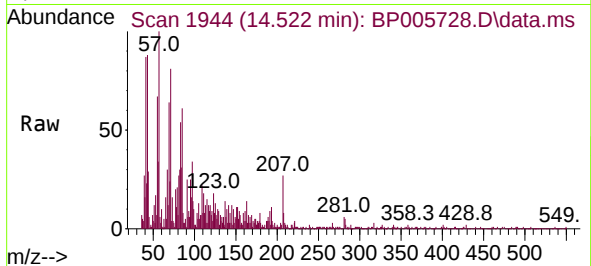




#53
3-Nitroaniline
Concen: 3.70 ng
RT: 14.522 min Scan# 1944
Delta R.T. 0.012 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

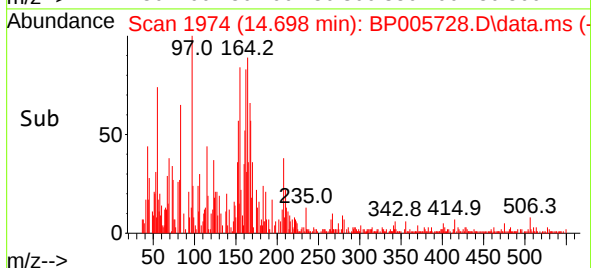
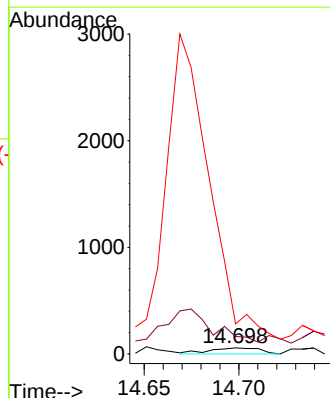
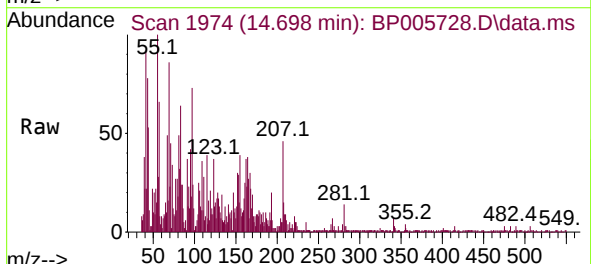
Instrument :
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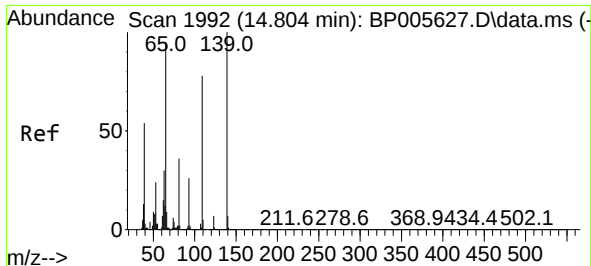
Tgt Ion:138 Resp: 365
Ion Ratio Lower Upper
138 100
108 131.8 10.2 15.4#
92 109.8 108.1 162.1



#54
2,4-Dinitrophenol
Concen: 6.56 ng
RT: 14.698 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:184 Resp: 107
Ion Ratio Lower Upper
184 100
63 287.7 51.2 76.8#
154 494.7 55.8 83.8#

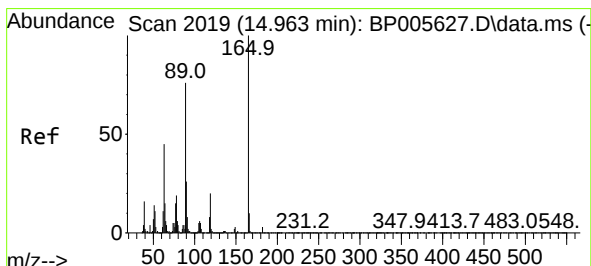
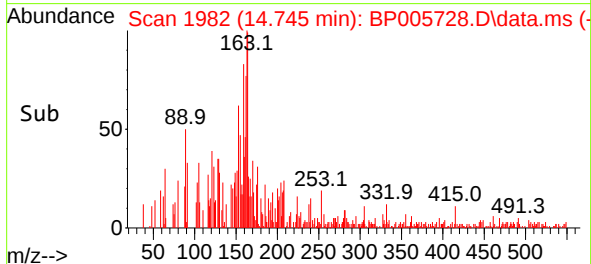
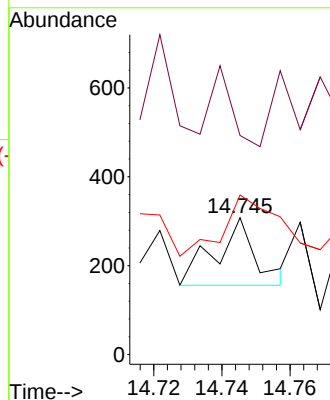
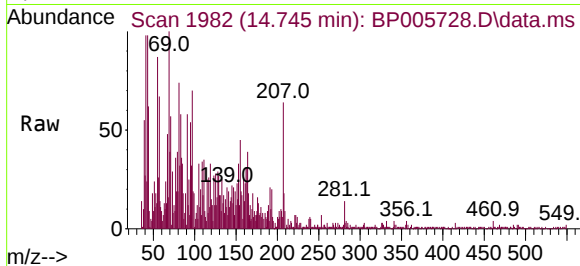




#56
4-Nitrophenol
Concen: 3.76 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.059 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

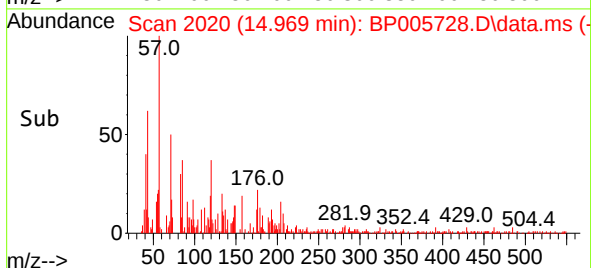
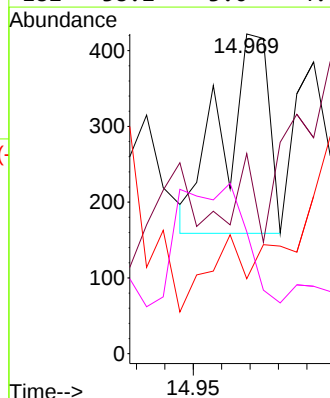
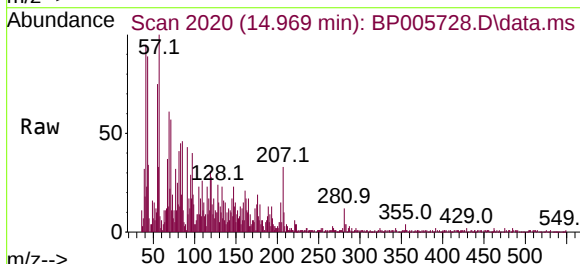
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

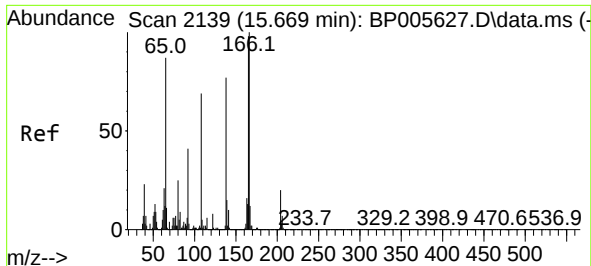
Tgt Ion:	139	Resp:	125
Ion	Ratio	Lower	Upper
139	100		
109	160.1	122.8	162.8
65	116.6	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 4.29 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:	165	Resp:	297
Ion	Ratio	Lower	Upper
165	100		
63	62.6	56.7	85.1
89	23.5	85.8	128.6#
182	38.2	3.0	4.6#

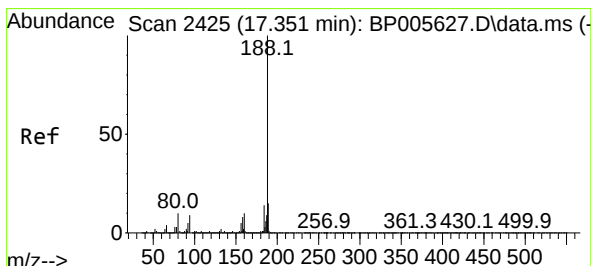
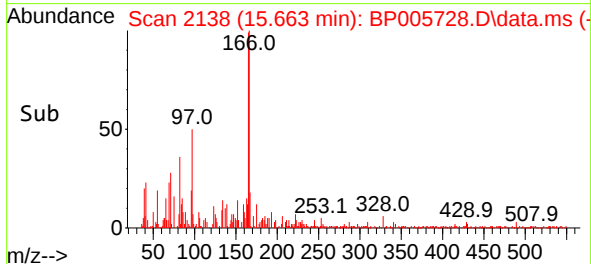
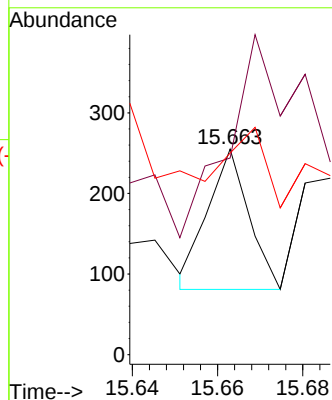
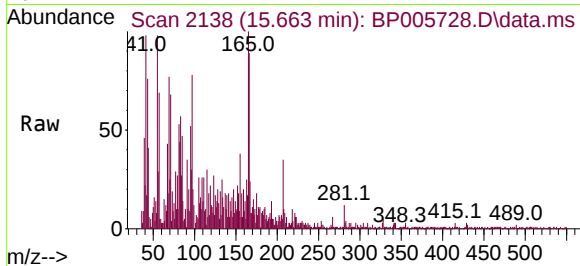




#62
4-Nitroaniline
Concen: 3.64 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

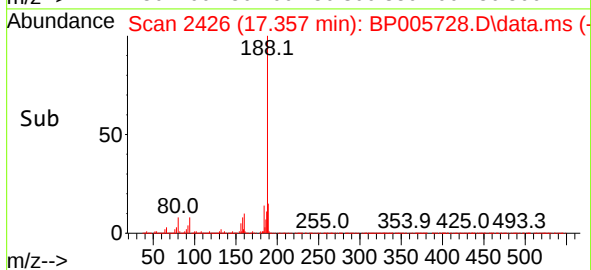
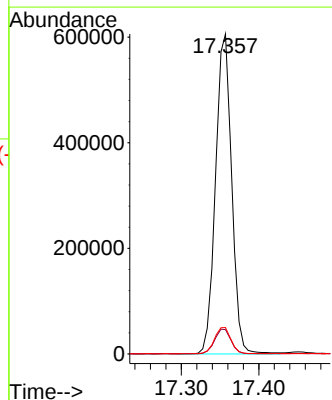
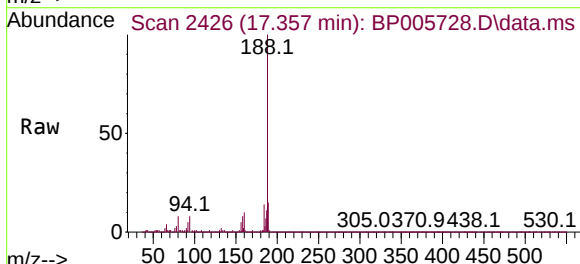
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

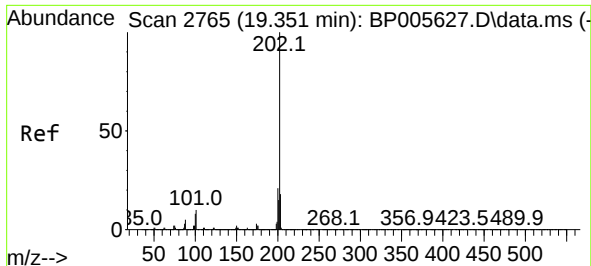
Tgt Ion:138 Resp: 116
Ion Ratio Lower Upper
138 100
92 95.7 50.9 90.9#
108 98.0 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:188 Resp: 875870
Ion Ratio Lower Upper
188 100
94 7.6 5.0 7.6#
80 8.2 5.9 8.9

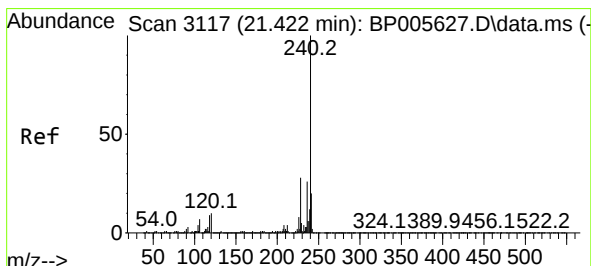
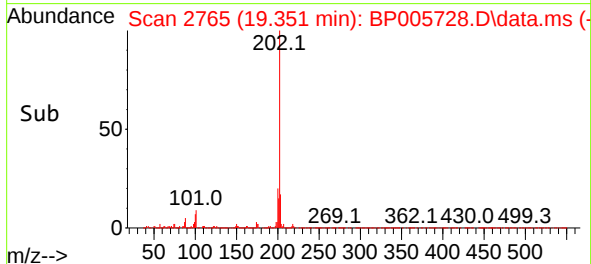
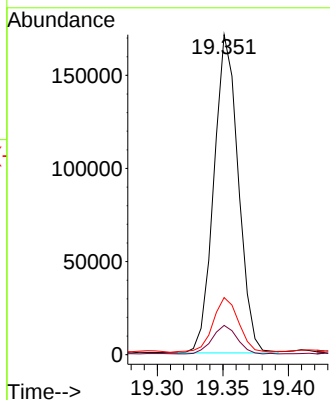
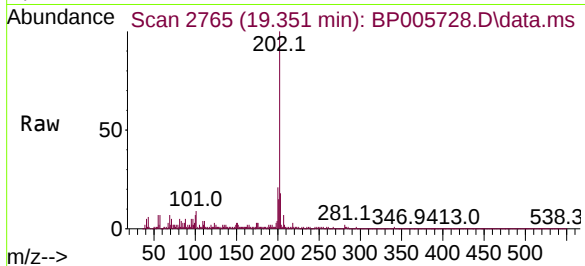




#75
Fluoranthene
Concen: 3.38 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

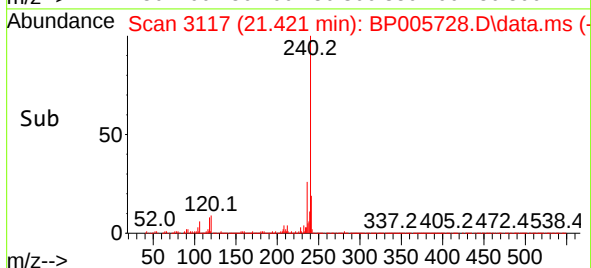
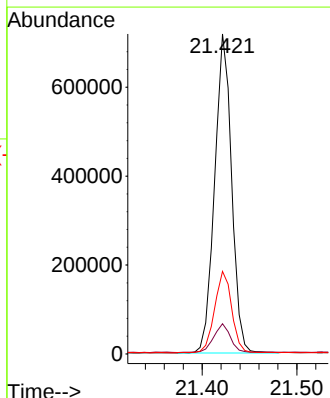
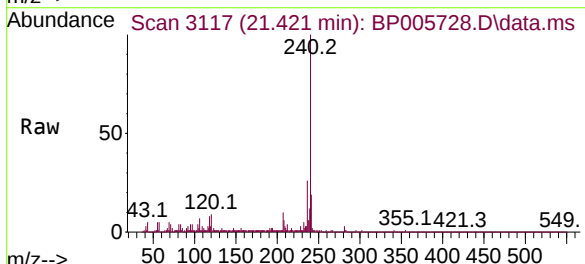
Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

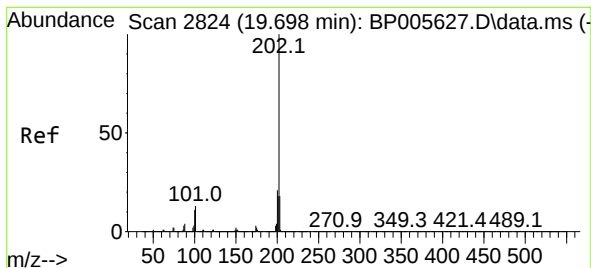
Tgt Ion:202 Resp: 221553
Ion Ratio Lower Upper
202 100
101 9.2 0.0 26.1
203 17.8 0.0 37.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.421 min Scan# 3117
Delta R.T. -0.001 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:240 Resp: 893972
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.8 20.2 30.2





#78

Pyrene

Concen: 3.77 ng

RT: 19.704 min Scan# 2825

Delta R.T. 0.006 min

Lab File: BP005728.D

Acq: 05 Jun 2021 00:31

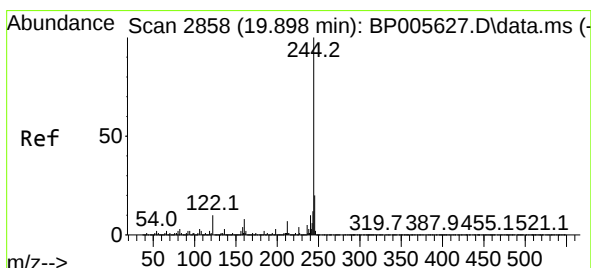
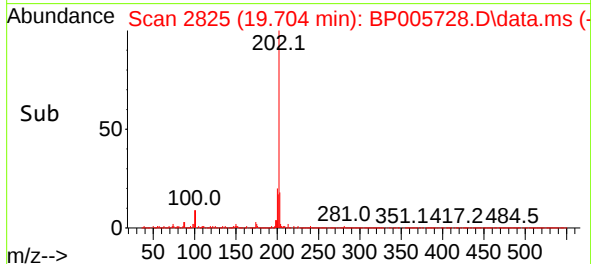
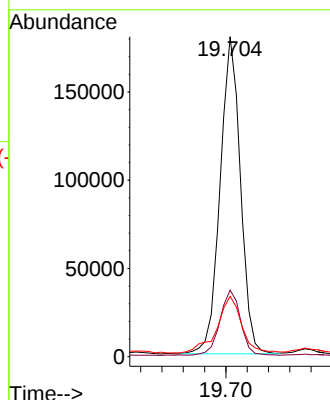
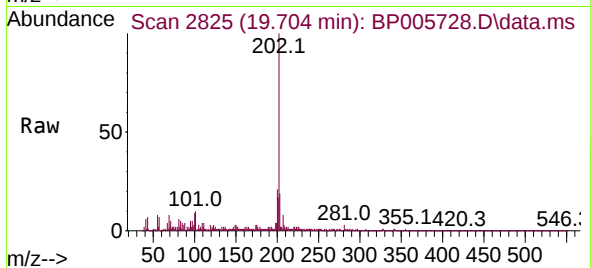
Instrument :

BNA_P

ClientSampleId :

18-B10(0-2)

Tgt Ion:202	Resp:	238004
Ion Ratio	Lower	Upper
202	100	
200	20.8	16.9 25.3
203	18.9	13.8 20.6



#79

Terphenyl-d14

Concen: 12.00 ng

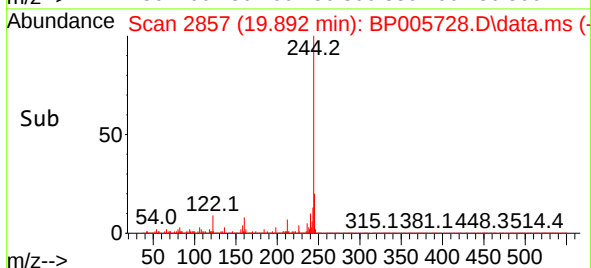
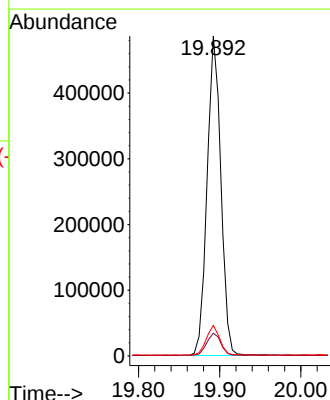
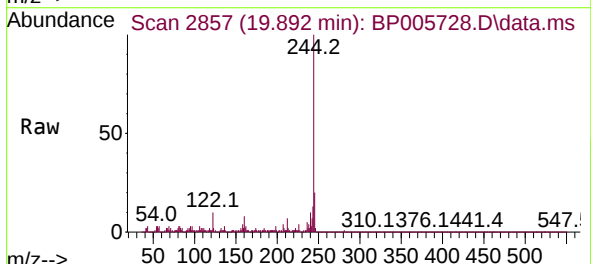
RT: 19.892 min Scan# 2857

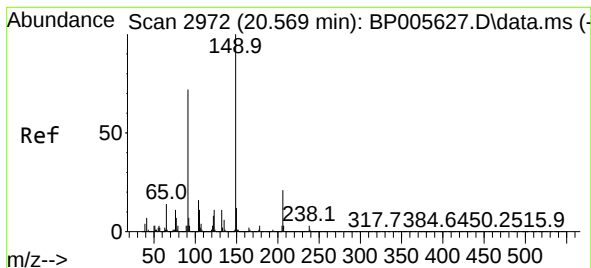
Delta R.T. -0.006 min

Lab File: BP005728.D

Acq: 05 Jun 2021 00:31

Tgt Ion:244	Resp:	571847
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.8 8.6
122	9.6	5.2 7.8

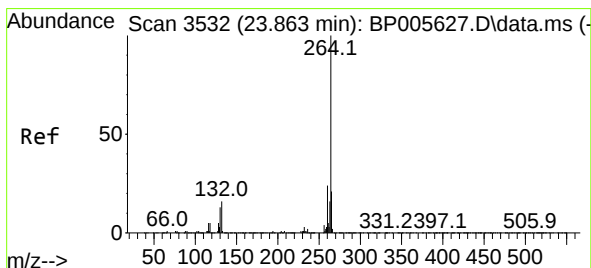
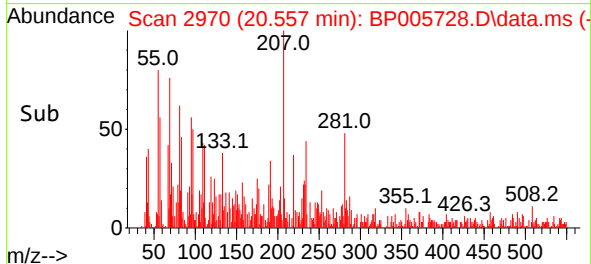
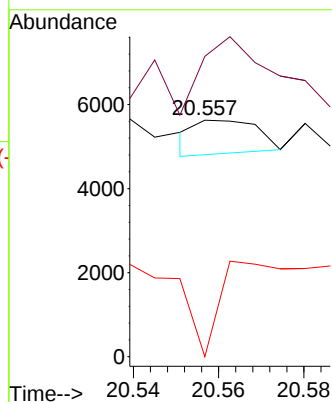
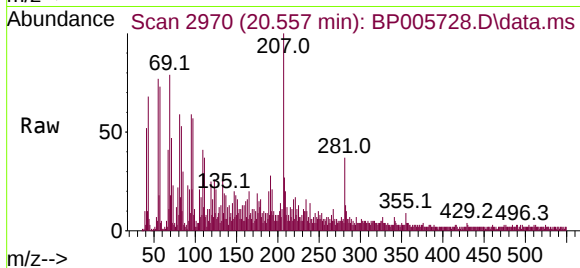




#80
Butylbenzylphthalate
Concen: 4.16 ng
RT: 20.557 min Scan# 2970
Delta R.T. -0.012 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Instrument :
BNA_P
ClientSampleId :
18-B10(0-2)

Tgt Ion:149 Resp: 810
Ion Ratio Lower Upper
149 100
91 127.0 60.2 90.4#
206 0.0 23.9 35.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.874 min Scan# 3534
Delta R.T. 0.012 min
Lab File: BP005728.D
Acq: 05 Jun 2021 00:31

Tgt Ion:264 Resp: 1018491
Ion Ratio Lower Upper
264 100
260 24.4 20.6 30.8
265 22.6 19.0 28.6

