

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005695.D
 Acq On : 03 Jun 2021 19:48
 Operator : CG/JU
 Sample : M2580-08RE 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B3(2-4)

Quant Time: Jun 04 01:04:21 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)

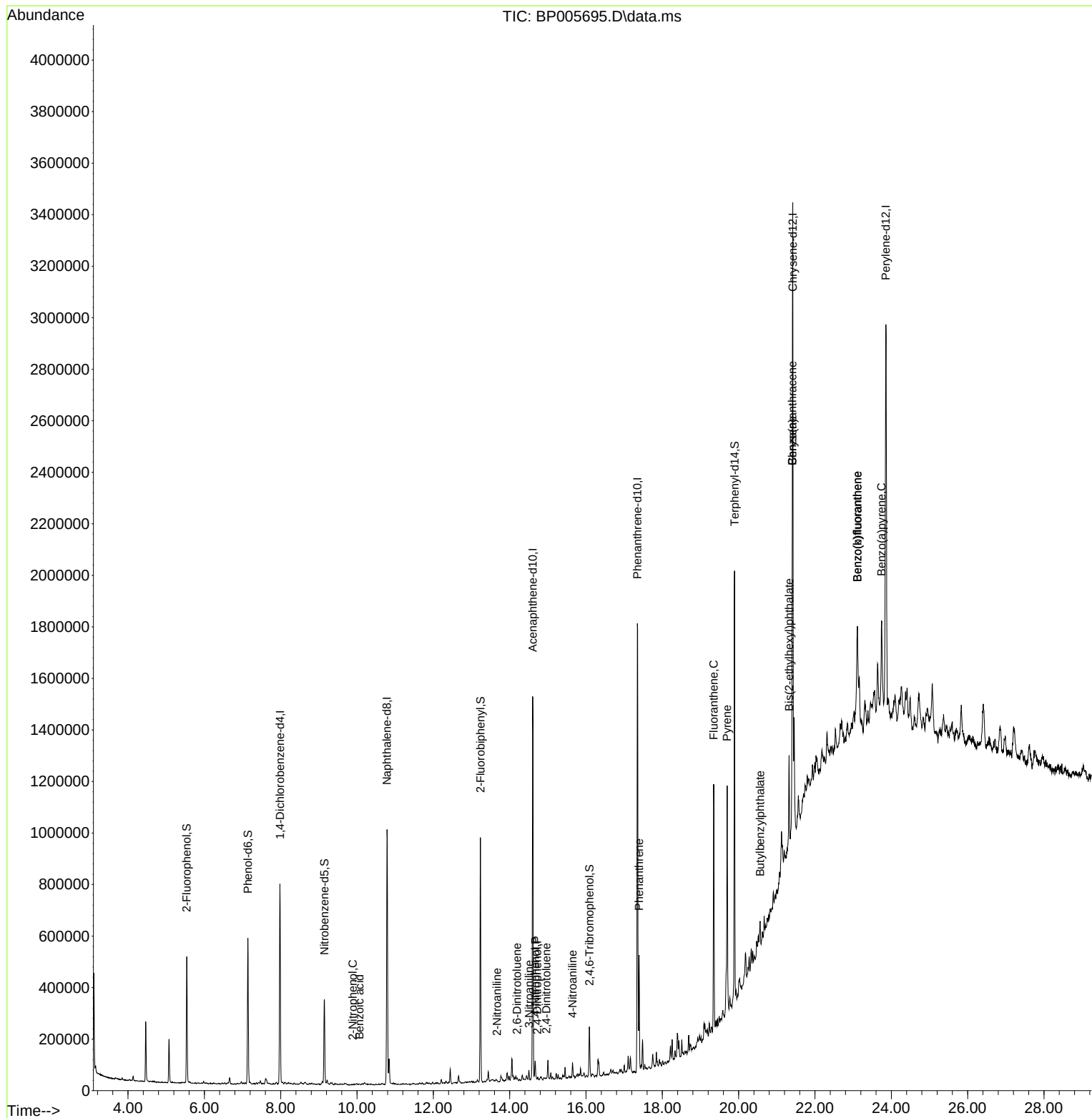
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	207095	20.00	ng	-0.01
21) Naphthalene-d8	10.787	136	810946	20.00	ng	#-0.01
39) Acenaphthene-d10	14.604	164	503660	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	1060967	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	1089528	20.00	ng	# 0.00
86) Perylene-d12	23.857	264	1188993	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	210049	15.77	ng	0.00
7) Phenol-d6	7.140	99	312816	17.23	ng	0.00
23) Nitrobenzene-d5	9.146	82	196785	13.50	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	36138	5.60	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	460269	12.09	ng	0.00
79) Terphenyl-d14	19.892	244	716560	12.34	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.893	139	113	4.17	ng	# 1
32) Benzoic acid	10.063	122	268	5.05	ng	# 50
48) 2-Nitroaniline	13.669	65	89	4.50	ng	84
51) 2,6-Dinitrotoluene	14.192	165	221	5.08	ng	# 53
53) 3-Nitroaniline	14.510	138	223	3.68	ng	# 54
54) 2,4-Dinitrophenol	14.722	184	41	6.54	ng	# 1
56) 4-Nitrophenol	14.669	139	463	3.80	ng	# 89
57) 2,4-Dinitrotoluene	14.957	165	135	4.27	ng	# 47
62) 4-Nitroaniline	15.645	138	551	3.69	ng	# 32
71) Phenanthrene	17.392	178	269799	4.08	ng	100
75) Fluoranthene	19.345	202	537677	6.78	ng	96
78) Pyrene	19.698	202	496873	6.46	ng	98
80) Butylbenzylphthalate	20.563	149	27442	4.94	ng	# 95
81) Benzo(a)anthracene	21.404	228	234764	2.94	ng	97
83) Chrysene	21.404	228	234764	3.03	ng	95
84) Bis(2-ethylhexyl)phtha...	21.321	149	110508	2.54	ng	98
88) Benzo(b)fluoranthene	23.110	252	270211	3.13	ng	# 78
89) Benzo(k)fluoranthene	23.110	252	270211	3.31	ng	# 76
90) Benzo(a)pyrene	23.745	252	198986	2.54	ng	# 86

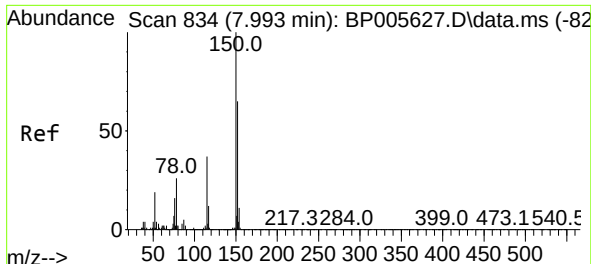
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
Data File : BP005695.D
Acq On : 03 Jun 2021 19:48
Operator : CG/JU
Sample : M2580-08RE 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

Quant Time: Jun 04 01:04:21 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

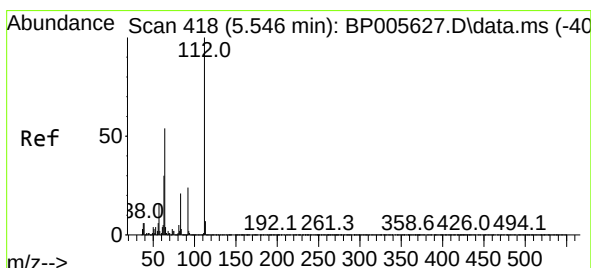
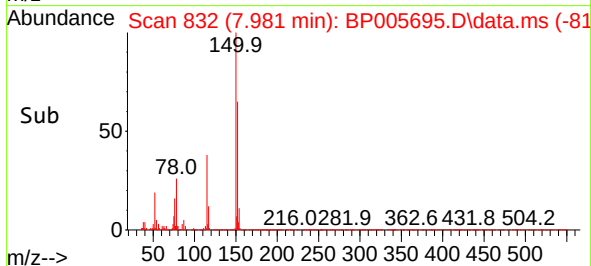
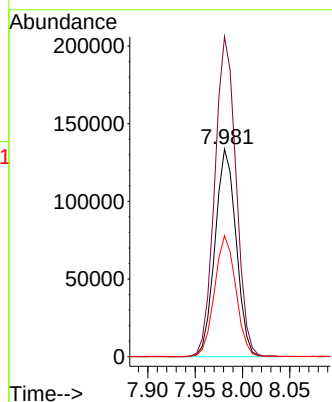
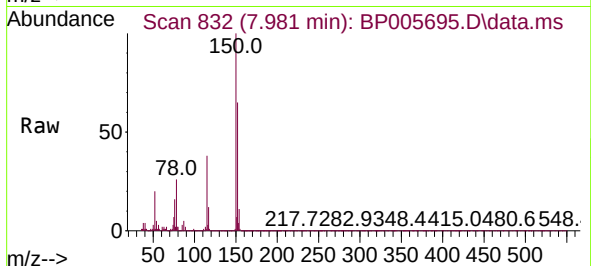




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.012 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

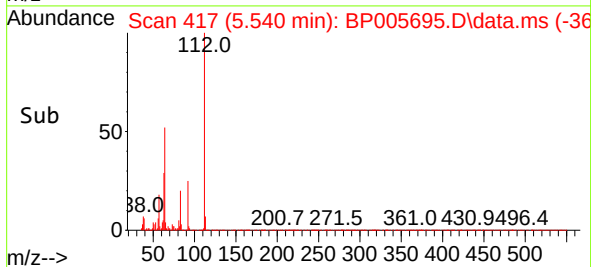
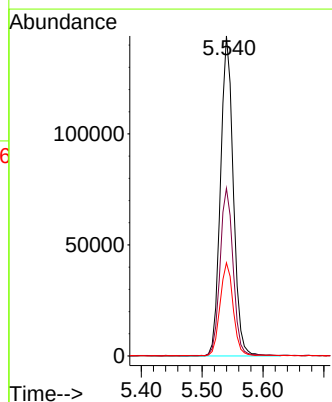
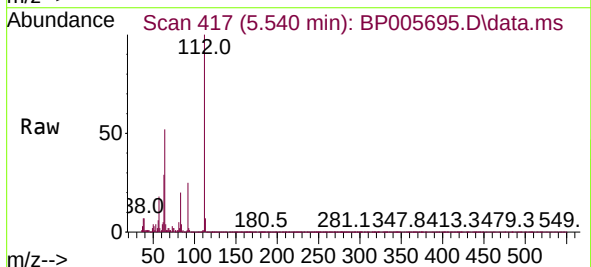
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

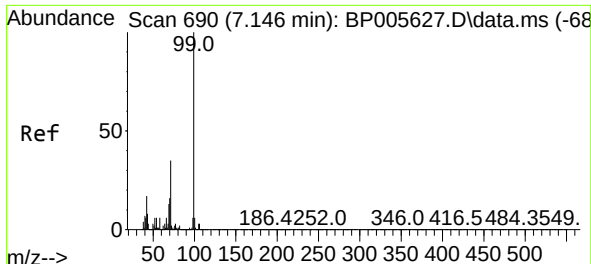
Tgt Ion:152 Resp: 207095
Ion Ratio Lower Upper
152 100
150 154.2 119.8 179.8
115 58.3 49.0 73.4



#5
2-Fluorophenol
Concen: 15.77 ng
RT: 5.540 min Scan# 417
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:112 Resp: 210049
Ion Ratio Lower Upper
112 100
64 52.4 33.6 50.4#
63 29.1 18.6 27.8#

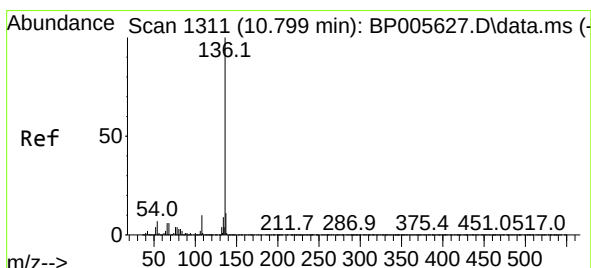
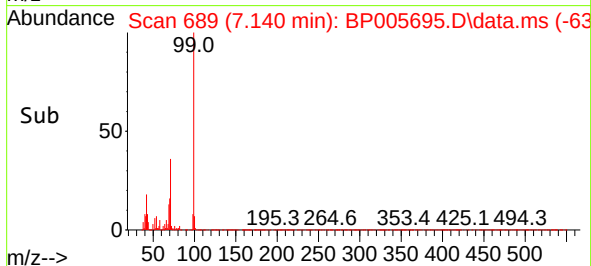
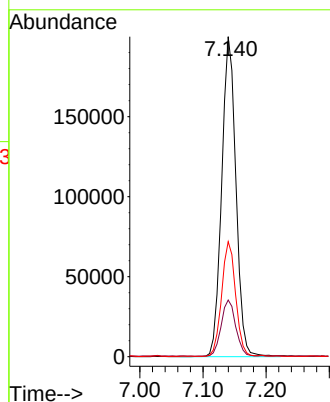
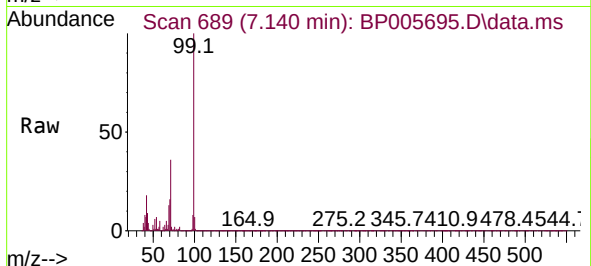




#7
Phenol-d6
Concen: 17.23 ng
RT: 7.140 min Scan# 689
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

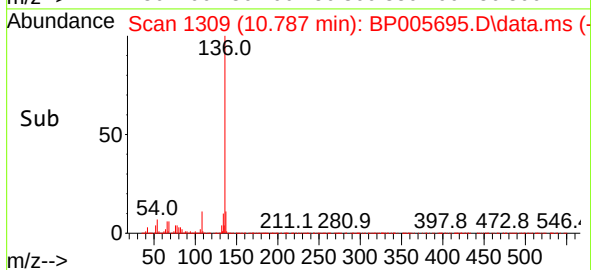
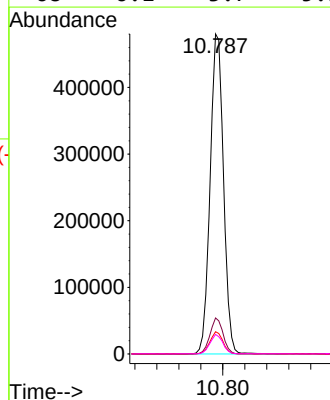
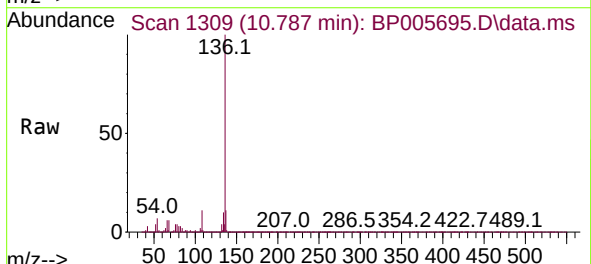
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

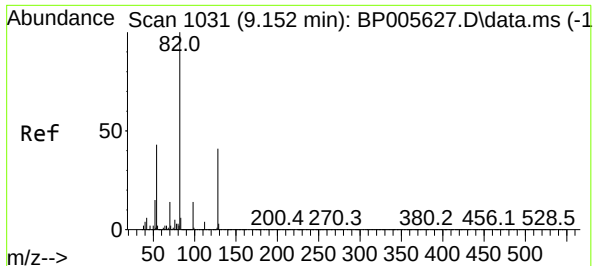
Tgt Ion:	99	Resp:	312816
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.9	19.3
71	36.0	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.787 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:	136	Resp:	810946
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.9	5.0	7.4
68	6.1	3.7	5.5

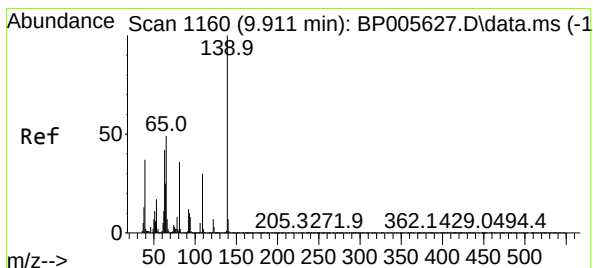
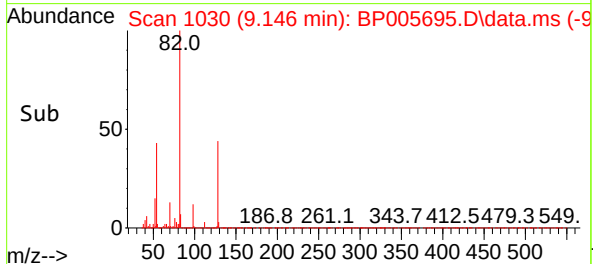
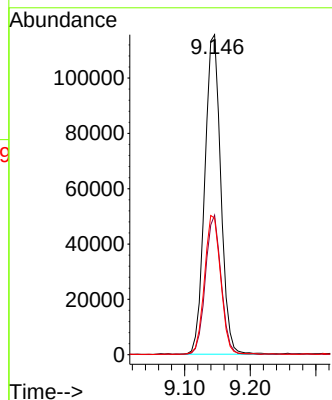
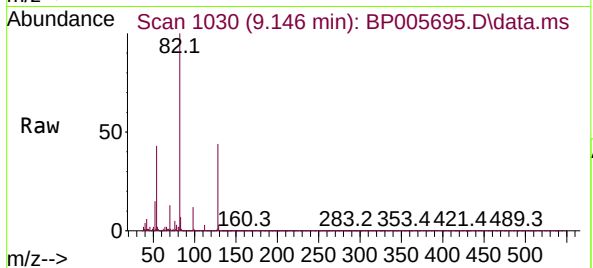




#23
Nitrobenzene-d5
Concen: 13.50 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

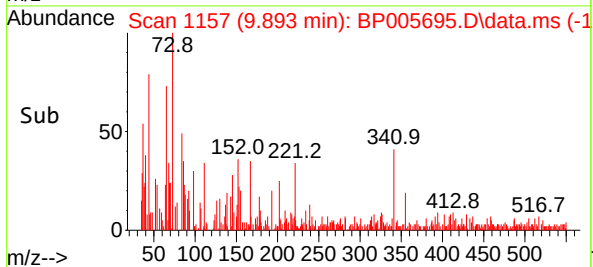
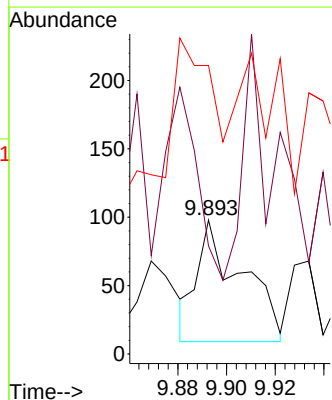
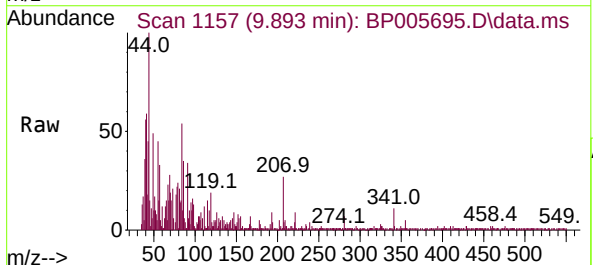
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

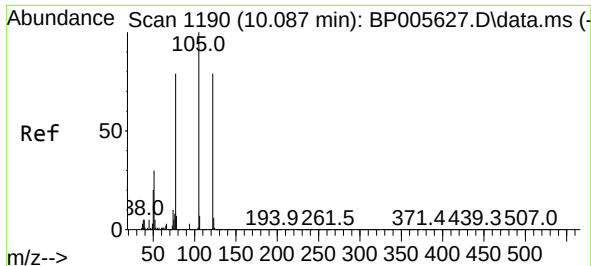
Tgt Ion: 82 Resp: 196785
Ion Ratio Lower Upper
82 100
128 43.6 30.5 45.7
54 42.6 33.9 50.9



#26
2-Nitrophenol
Concen: 4.17 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion: 139 Resp: 113
Ion Ratio Lower Upper
139 100
109 75.2 40.7 61.1#
65 201.0 47.8 71.6#

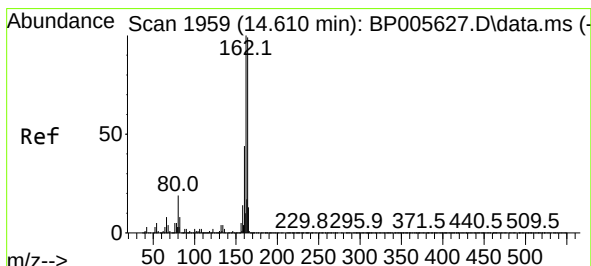
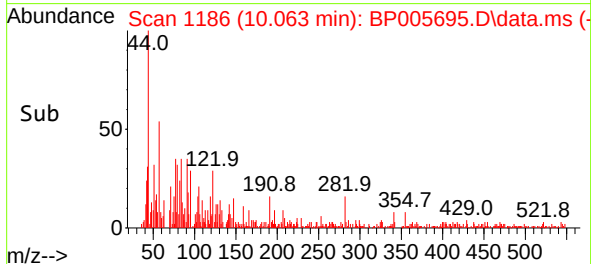
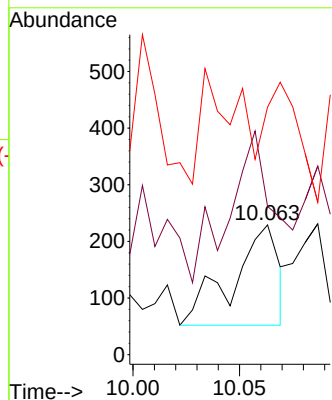
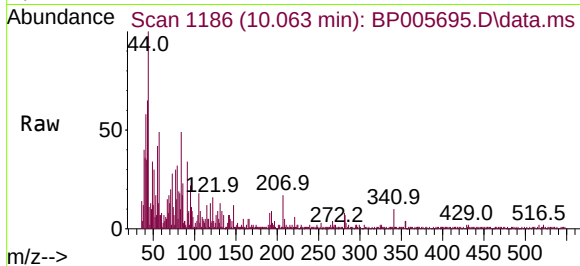




#32
Benzoic acid
Concen: 5.05 ng
RT: 10.063 min Scan# 1186
Delta R.T. -0.024 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

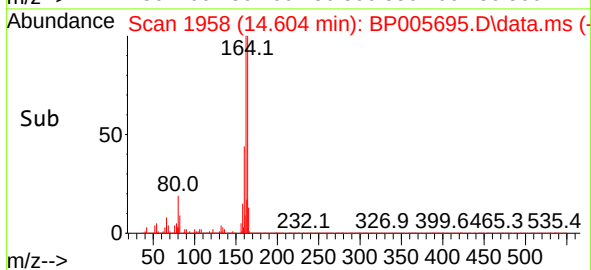
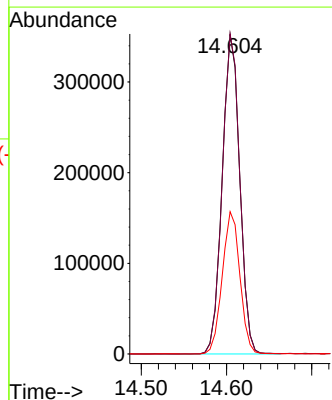
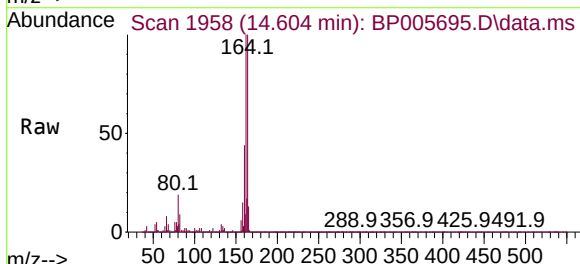
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

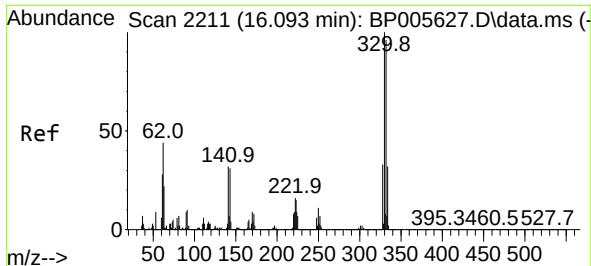
Tgt Ion:122 Resp: 268
Ion Ratio Lower Upper
122 100
105 114.4 105.1 145.1
77 190.8 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:164 Resp: 503660
Ion Ratio Lower Upper
164 100
162 100.2 73.5 110.3
160 44.5 40.6 61.0

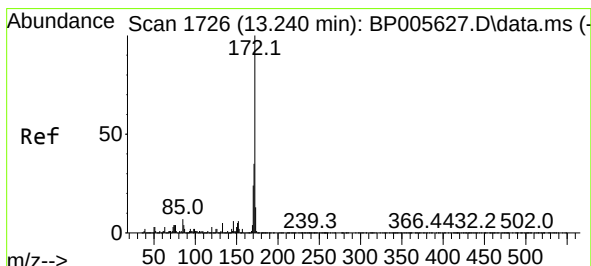
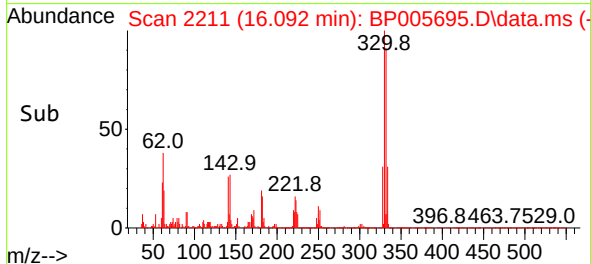
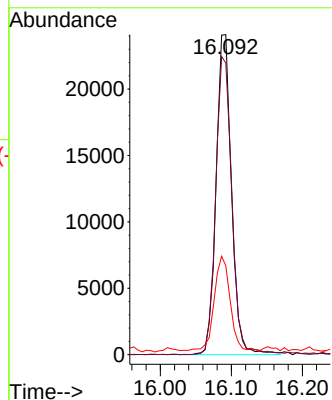
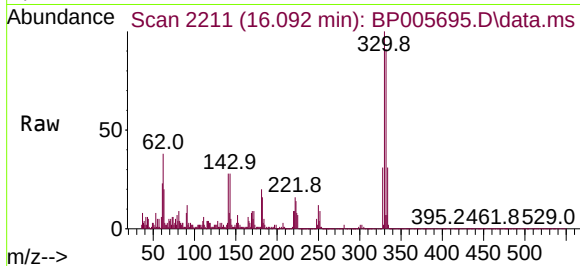




#42
2,4,6-Tribromophenol
Concen: 5.60 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

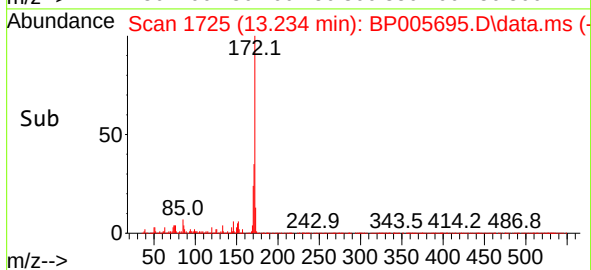
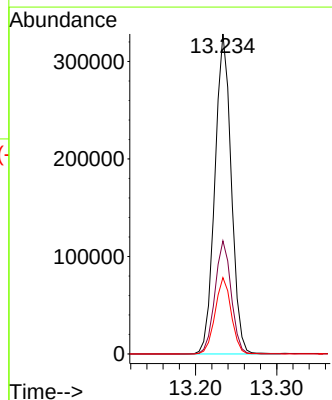
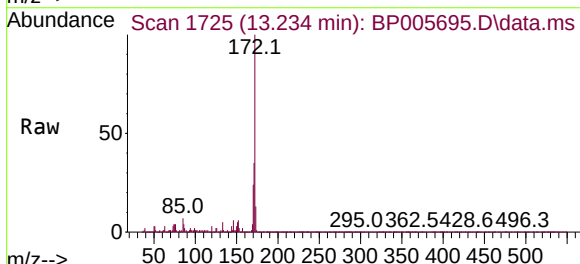
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

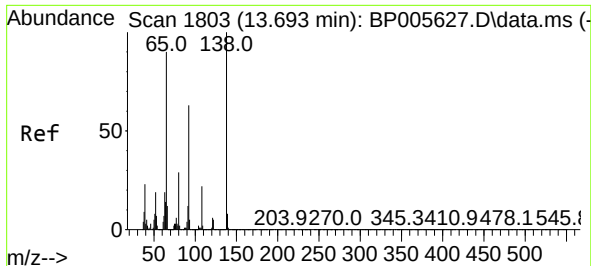
Tgt Ion: 330 Resp: 36138
Ion Ratio Lower Upper
330 100
332 97.8 76.3 114.5
141 31.0 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 12.09 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion: 172 Resp: 460269
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.8 19.6 29.4

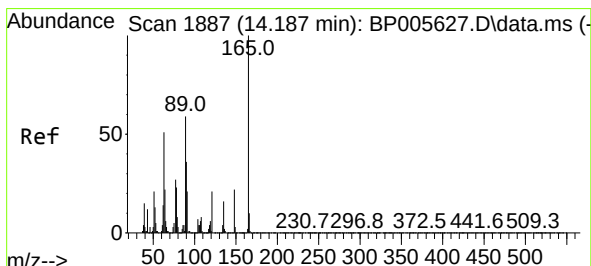
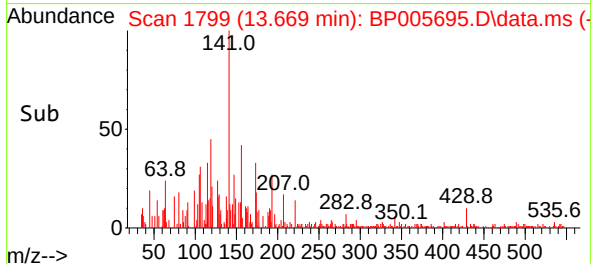
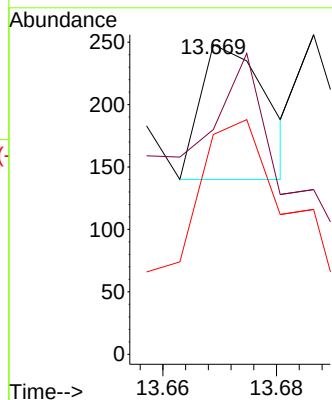
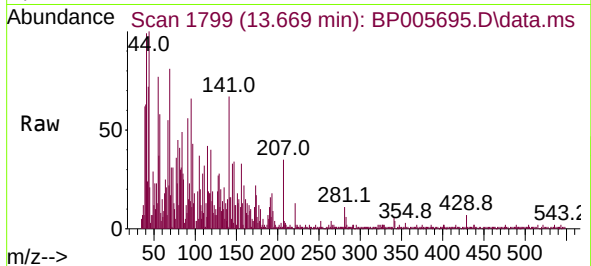




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.669 min Scan# 1799
Delta R.T. -0.024 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

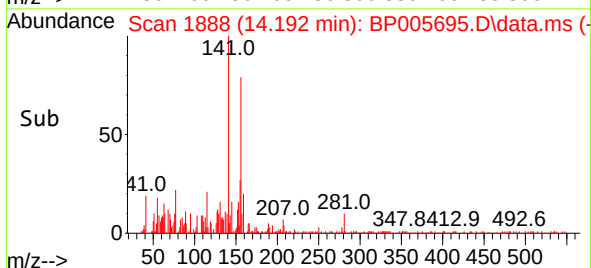
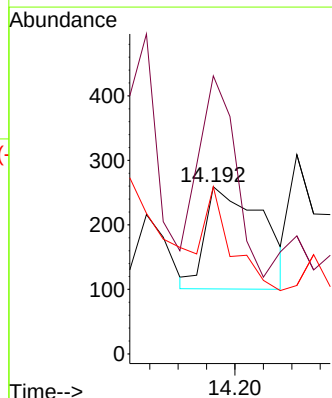
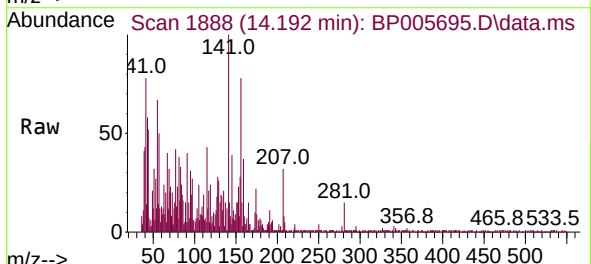
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

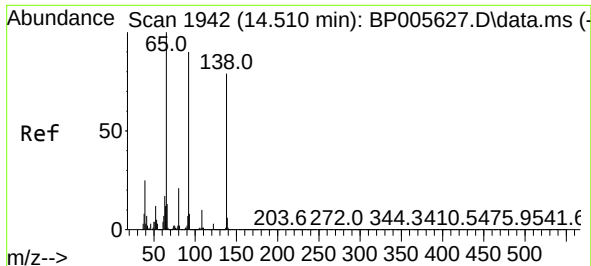
Tgt Ion:	65	Resp:	89
Ion	Ratio	Lower	Upper
65	100		
92	72.6	48.8	73.2
138	71.0	69.5	104.3



#51
2,6-Dinitrotoluene
Concen: 5.08 ng
RT: 14.192 min Scan# 1888
Delta R.T. 0.005 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:	165	Resp:	221
Ion	Ratio	Lower	Upper
165	100		
63	166.4	67.4	101.0#
89	100.0	73.8	110.6

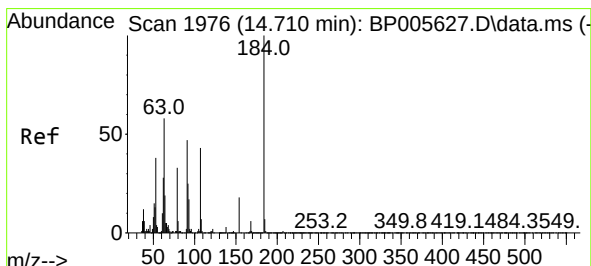
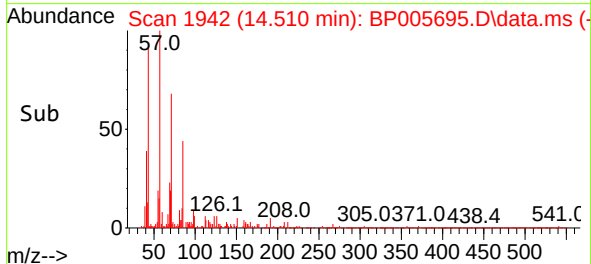
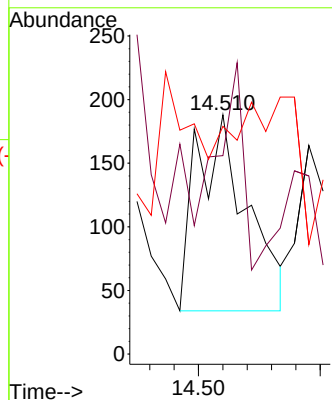
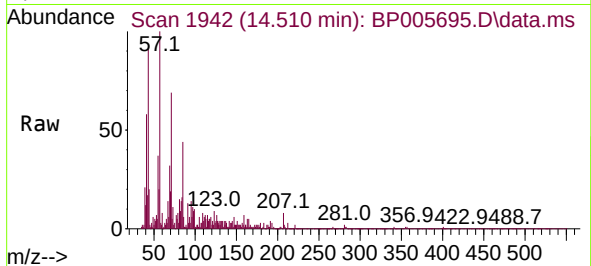




#53
3-Nitroaniline
Concen: 3.68 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

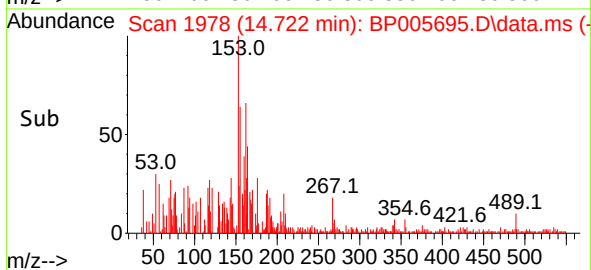
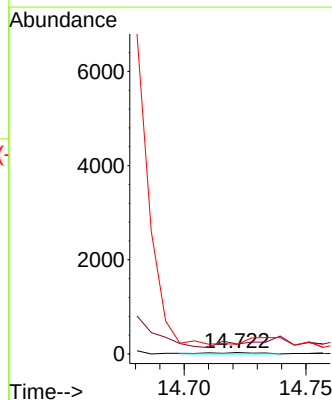
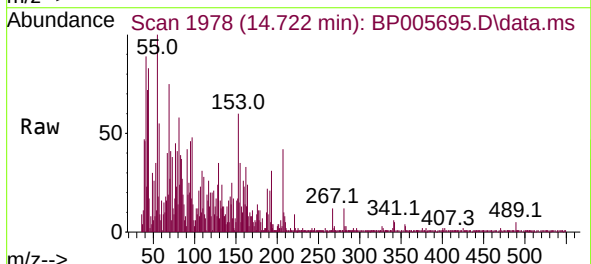
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

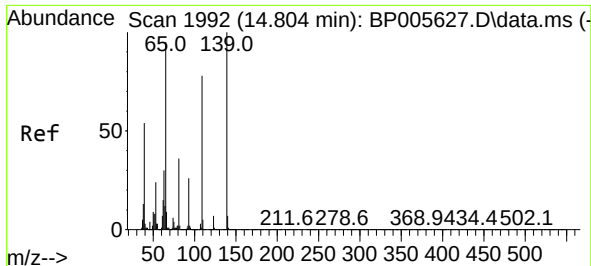
Tgt Ion:138 Resp: 223
Ion Ratio Lower Upper
138 100
108 83.0 10.2 15.4#
92 95.2 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.54 ng
RT: 14.722 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:184 Resp: 41
Ion Ratio Lower Upper
184 100
63 724.1 51.2 76.8#
154 703.4 55.8 83.8#

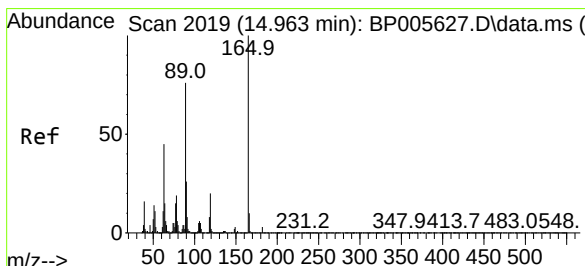
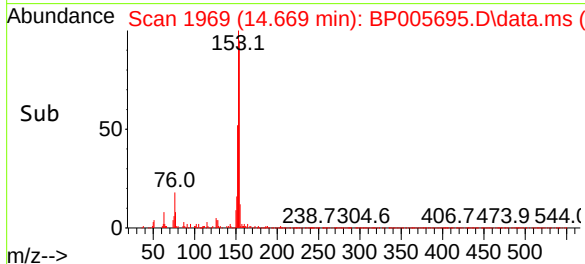
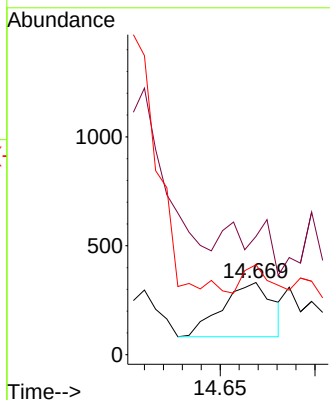
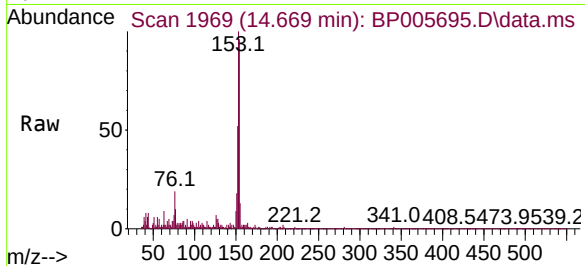




#56
4-Nitrophenol
Concen: 3.80 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.135 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

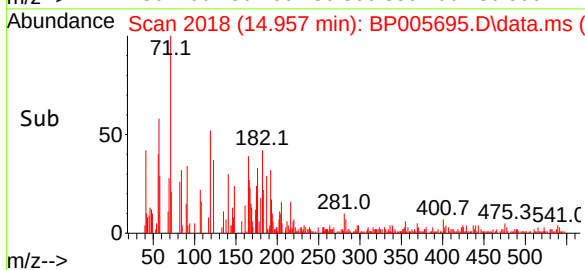
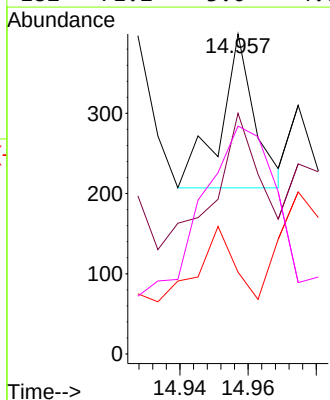
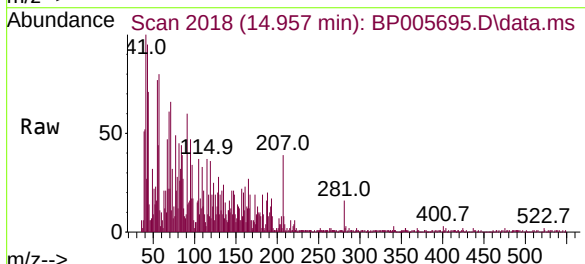
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

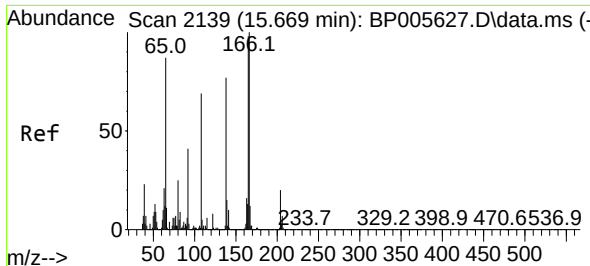
Tgt Ion:139 Resp: 463
Ion Ratio Lower Upper
139 100
109 164.0 122.8 162.8#
65 124.8 110.0 150.0



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:165 Resp: 135
Ion Ratio Lower Upper
165 100
63 75.2 56.7 85.1
89 25.6 85.8 128.6#
182 71.2 3.0 4.6#

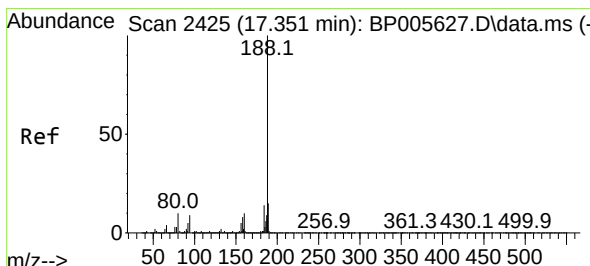
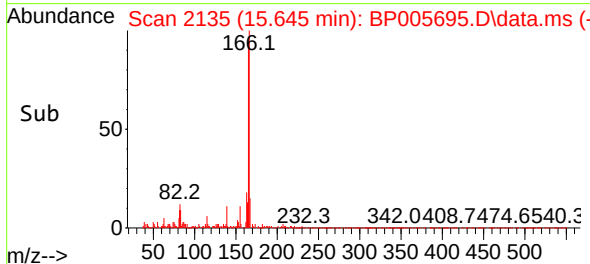
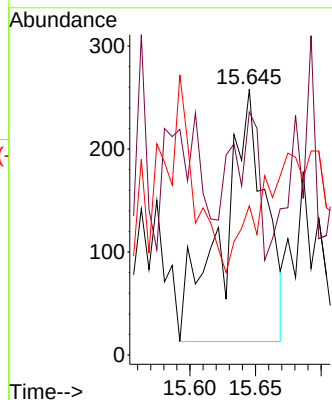
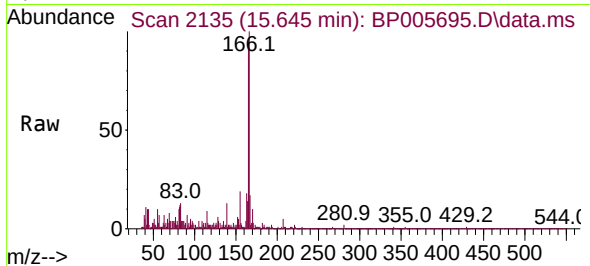




#62
4-Nitroaniline
Concen: 3.69 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.024 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

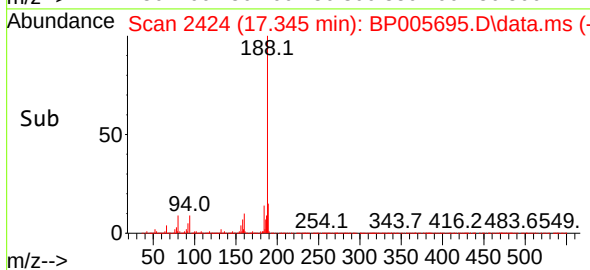
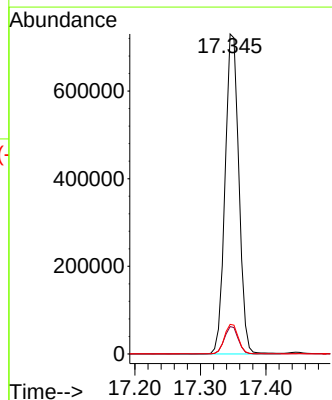
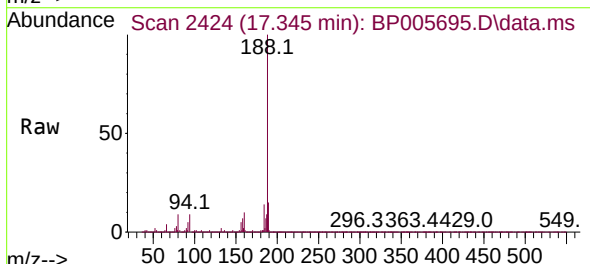
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

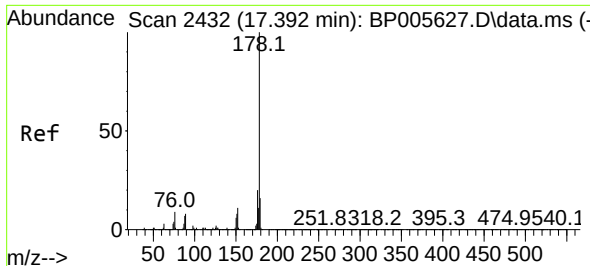
Tgt Ion:138 Resp: 551
Ion Ratio Lower Upper
138 100
92 91.5 50.9 90.9#
108 56.2 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:188 Resp: 1060967
Ion Ratio Lower Upper
188 100
94 8.5 5.0 7.6#
80 9.3 5.9 8.9#

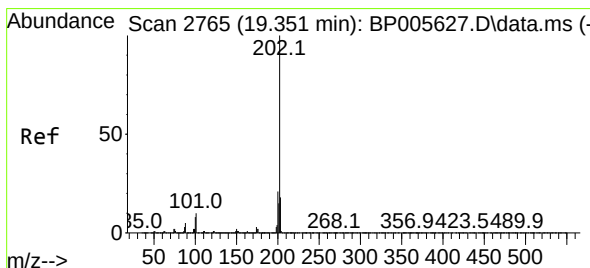
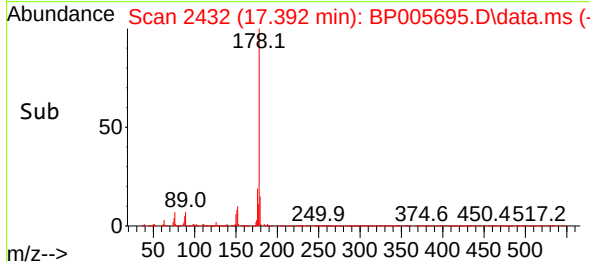
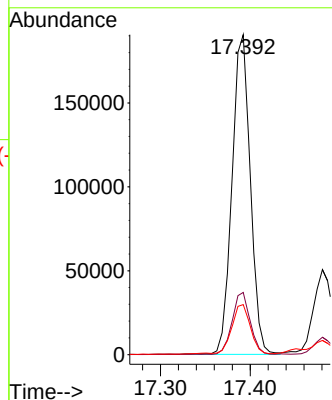
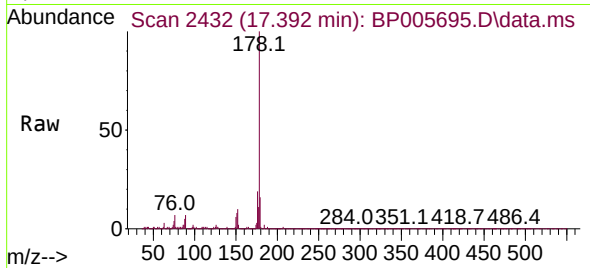




#71
Phenanthrene
Concen: 4.08 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

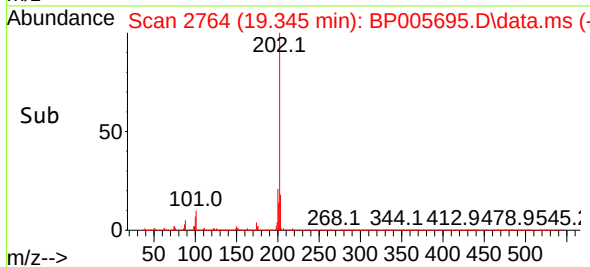
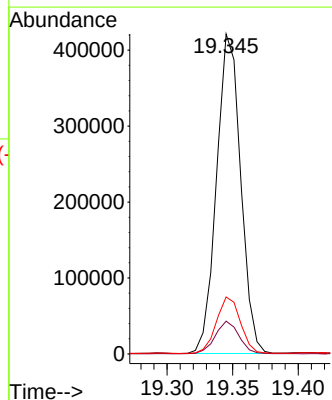
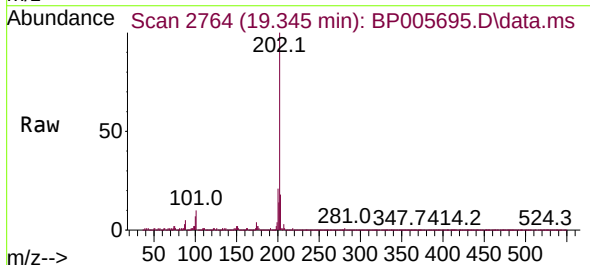
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

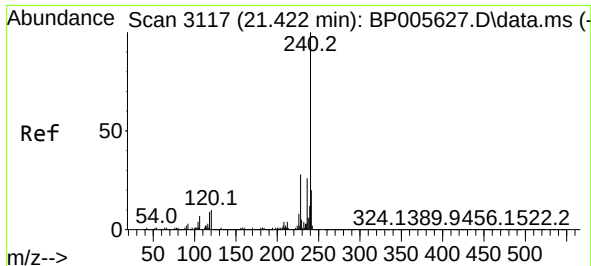
Tgt Ion:178 Resp: 269799
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.3 18.5



#75
Fluoranthene
Concen: 6.78 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:202 Resp: 537677
Ion Ratio Lower Upper
202 100
101 10.2 0.0 26.1
203 17.8 0.0 37.2

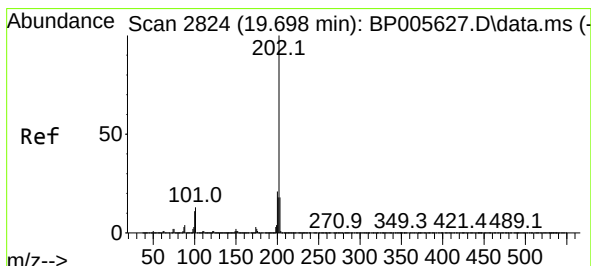
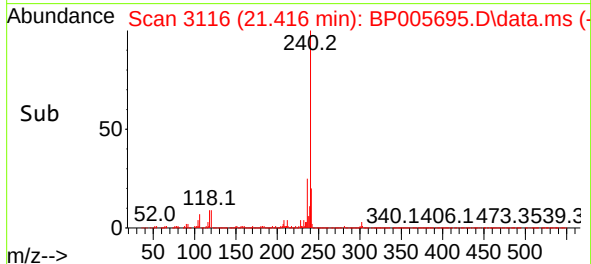
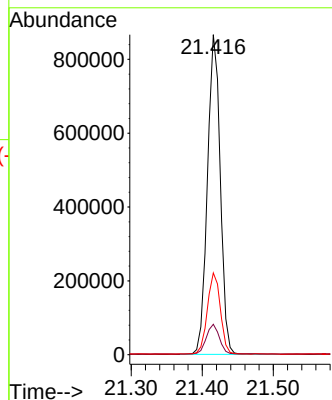
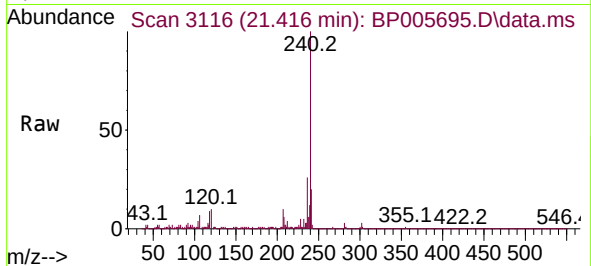




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.416 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

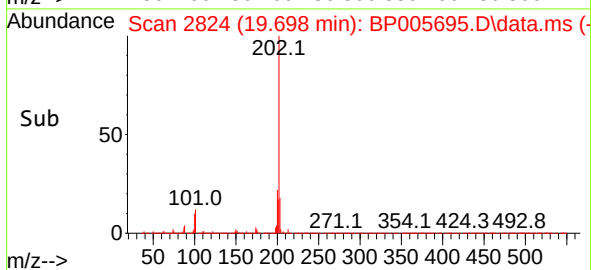
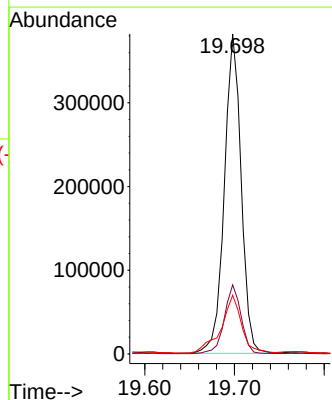
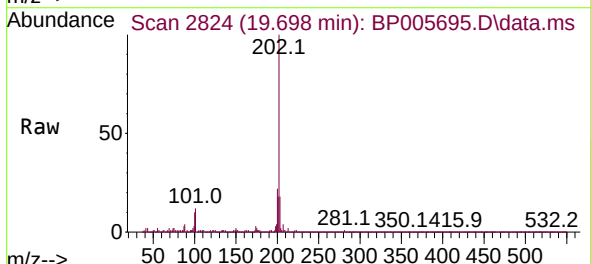
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

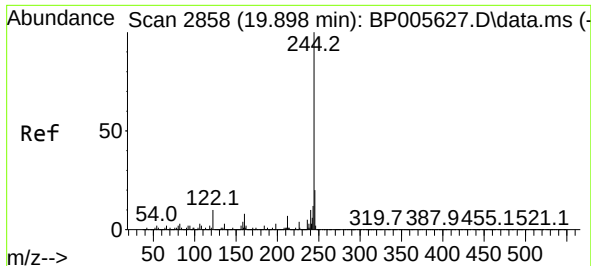
Tgt Ion:240 Resp: 1089528
Ion Ratio Lower Upper
240 100
120 9.5 4.2 6.2#
236 25.6 20.2 30.2



#78
Pyrene
Concen: 6.46 ng
RT: 19.698 min Scan# 2824
Delta R.T. -0.000 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:202 Resp: 496873
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.3 13.8 20.6

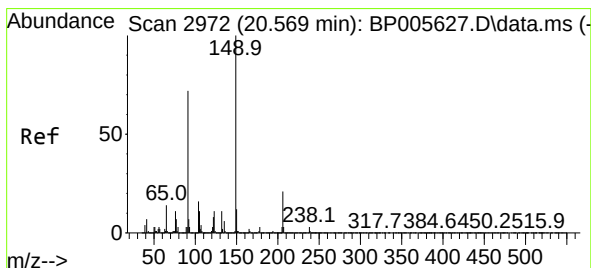
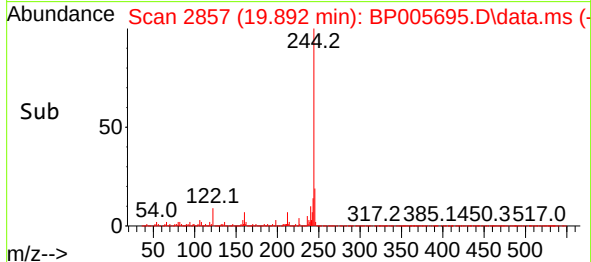
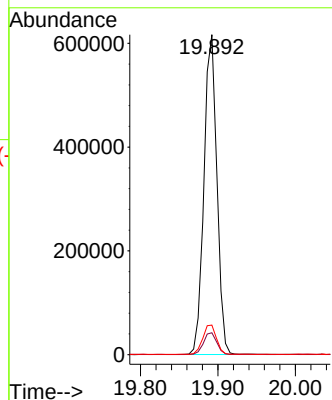
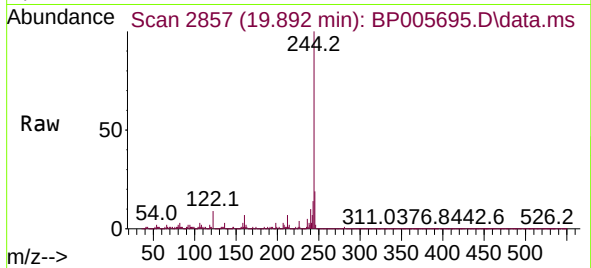




#79
 Terphenyl-d14
 Concen: 12.34 ng
 RT: 19.892 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP005695.D
 Acq: 03 Jun 2021 19:48

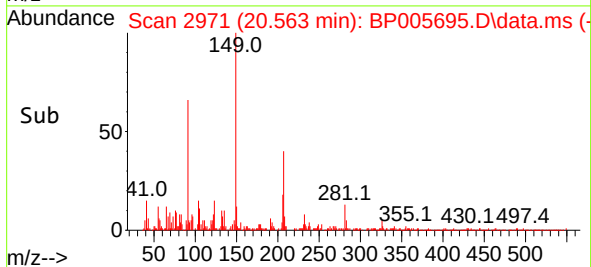
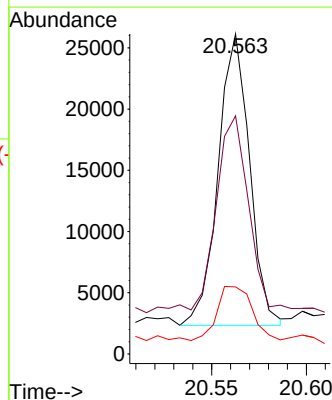
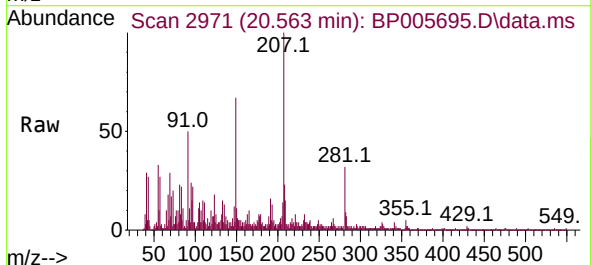
Instrument :
 BNA_P
 ClientSampleId :
 18-B3(2-4)

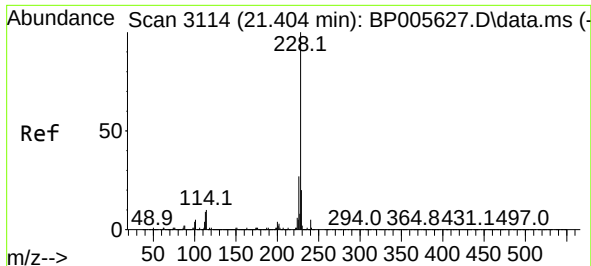
Tgt Ion:244 Resp: 716560
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 9.3 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.94 ng
 RT: 20.563 min Scan# 2971
 Delta R.T. -0.006 min
 Lab File: BP005695.D
 Acq: 03 Jun 2021 19:48

Tgt Ion:149 Resp: 27442
 Ion Ratio Lower Upper
 149 100
 91 74.4 60.2 90.4
 206 20.9 23.9 35.9#

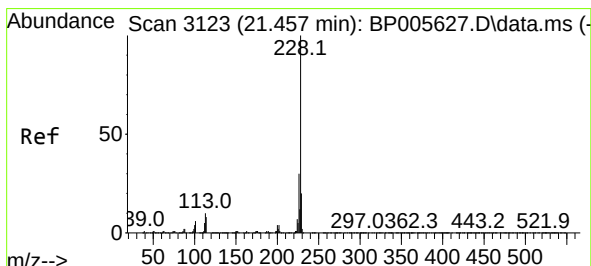
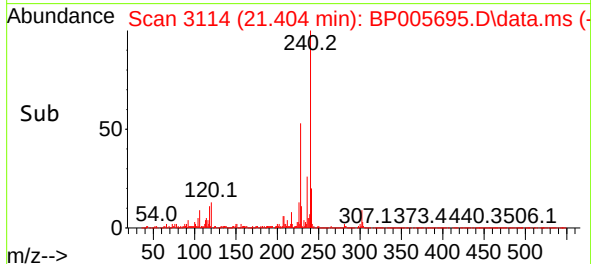
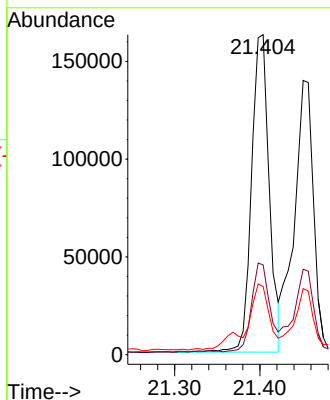
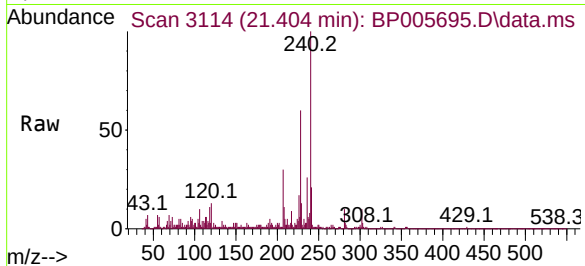




#81
Benzo(a)anthracene
Concen: 2.94 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

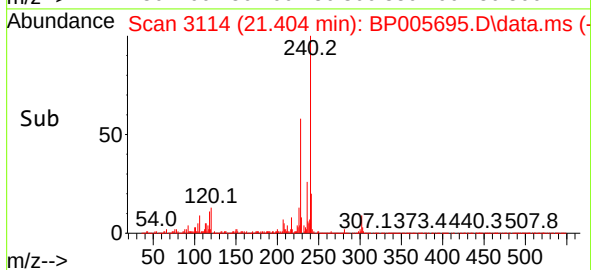
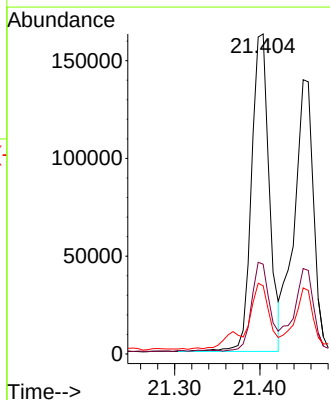
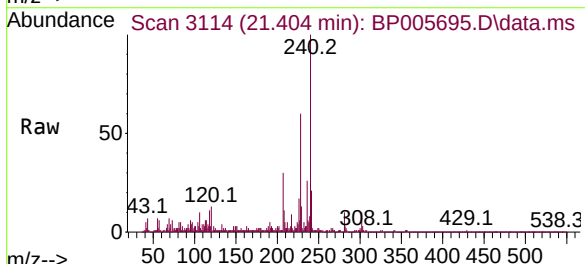
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

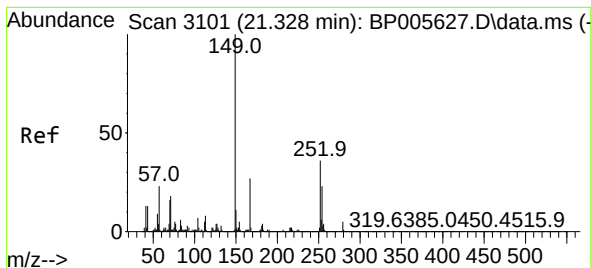
Tgt Ion:228 Resp: 234764
Ion Ratio Lower Upper
228 100
226 28.1 21.2 31.8
229 21.3 15.6 23.4



#83
Chrysene
Concen: 3.03 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.053 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:228 Resp: 234764
Ion Ratio Lower Upper
228 100
226 28.1 24.8 37.2
229 21.3 15.4 23.0

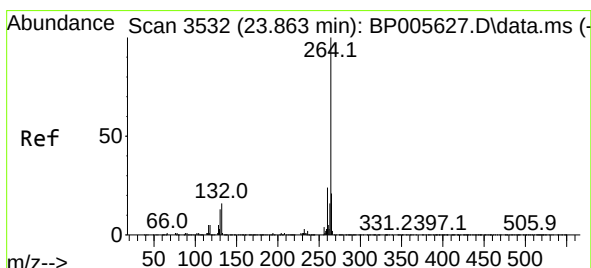
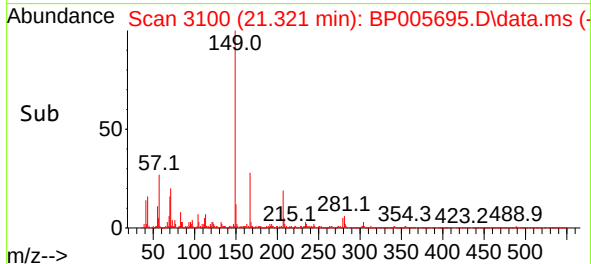
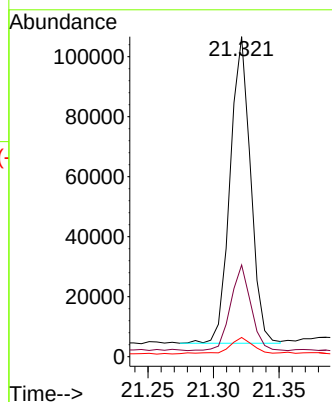
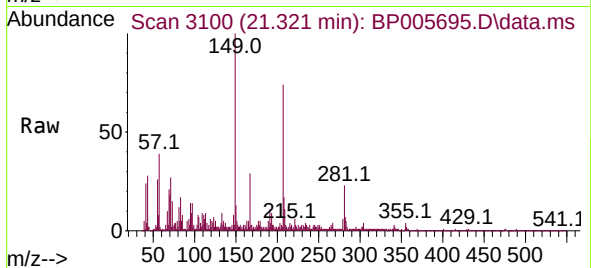




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.54 ng
RT: 21.321 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

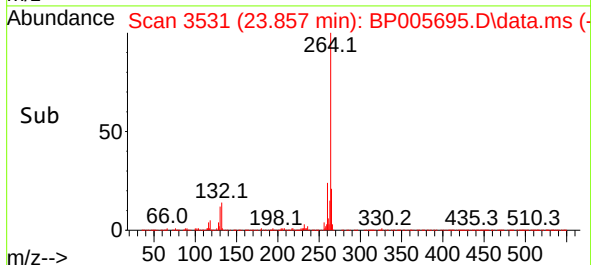
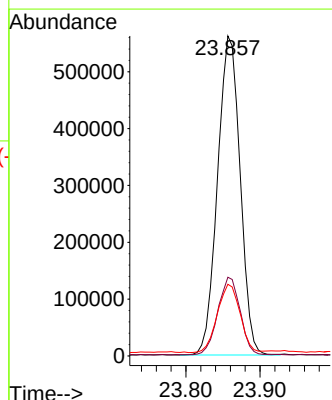
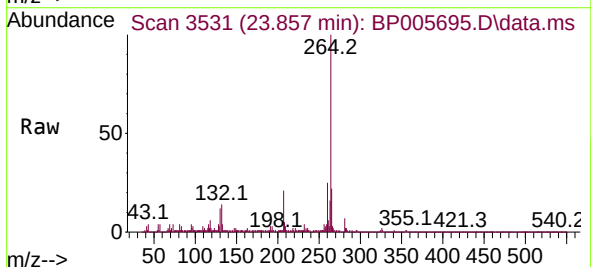
Instrument :
BNA_P
ClientSampleId :
18-B3(2-4)

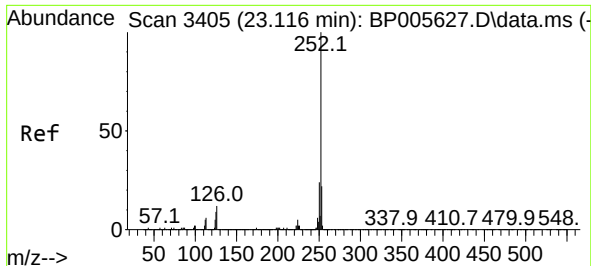
Tgt Ion:149 Resp: 110508
Ion Ratio Lower Upper
149 100
167 28.6 23.8 35.8
279 6.0 5.7 8.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.857 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:264 Resp: 1188993
Ion Ratio Lower Upper
264 100
260 24.6 20.6 30.8
265 22.4 19.0 28.6

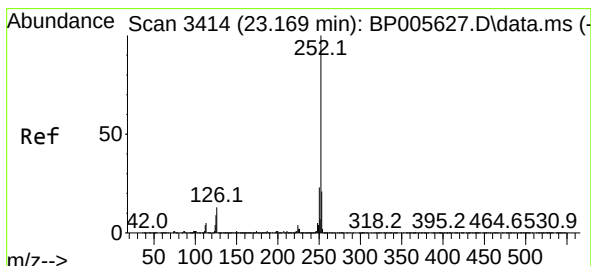
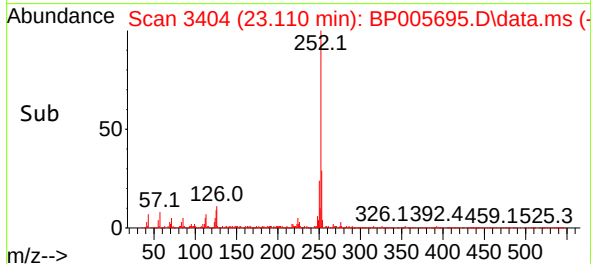
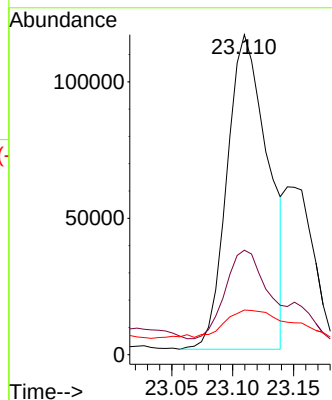
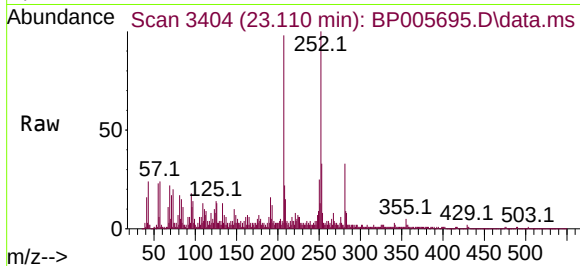




#88
Benzo(b)fluoranthene
Concen: 3.13 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.006 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

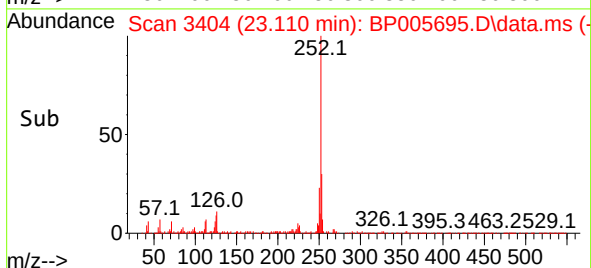
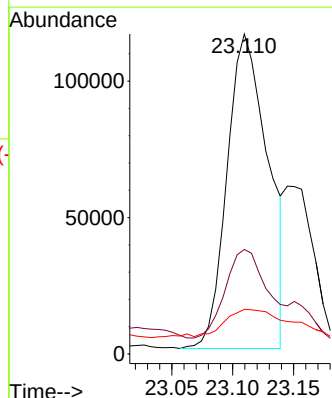
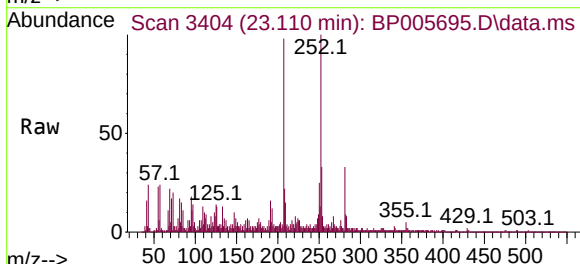
Instrument :
BNA_P
ClientSampled :
18-B3(2-4)

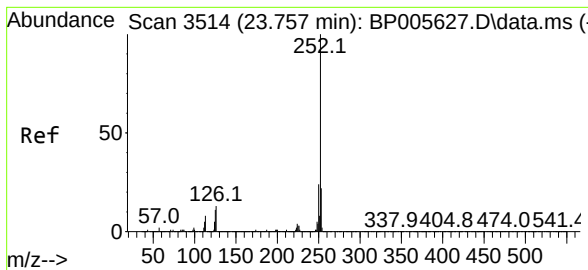
Tgt Ion:252 Resp: 270211
Ion Ratio Lower Upper
252 100
253 32.6 18.2 27.2#
125 13.9 3.4 5.0#



#89
Benzo(k)fluoranthene
Concen: 3.31 ng
RT: 23.110 min Scan# 3404
Delta R.T. -0.059 min
Lab File: BP005695.D
Acq: 03 Jun 2021 19:48

Tgt Ion:252 Resp: 270211
Ion Ratio Lower Upper
252 100
253 32.6 17.2 25.8#
125 13.9 3.8 5.6#





#90

Benzo(a)pyrene

Concen: 2.54 ng

RT: 23.745 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BP005695.D

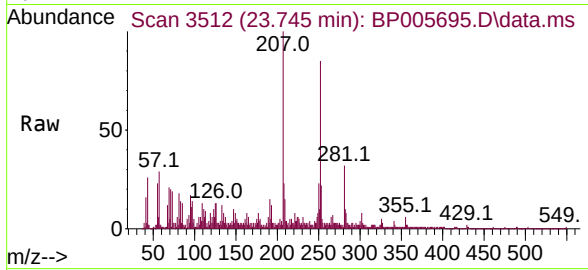
Acq: 03 Jun 2021 19:48

Instrument :

BNA_P

ClientSampleId :

18-B3(2-4)



Tgt Ion:252 Resp: 198986

Ion Ratio Lower Upper

252 100

253 25.8 17.1 25.7#

125 15.4 3.8 5.6#

