

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060321\
 Data File : BP005699.D
 Acq On : 03 Jun 2021 22:04
 Operator : CG/JU
 Sample : M2580-02RE 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B1(2-4)

Quant Time: Jun 04 01:05:32 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)

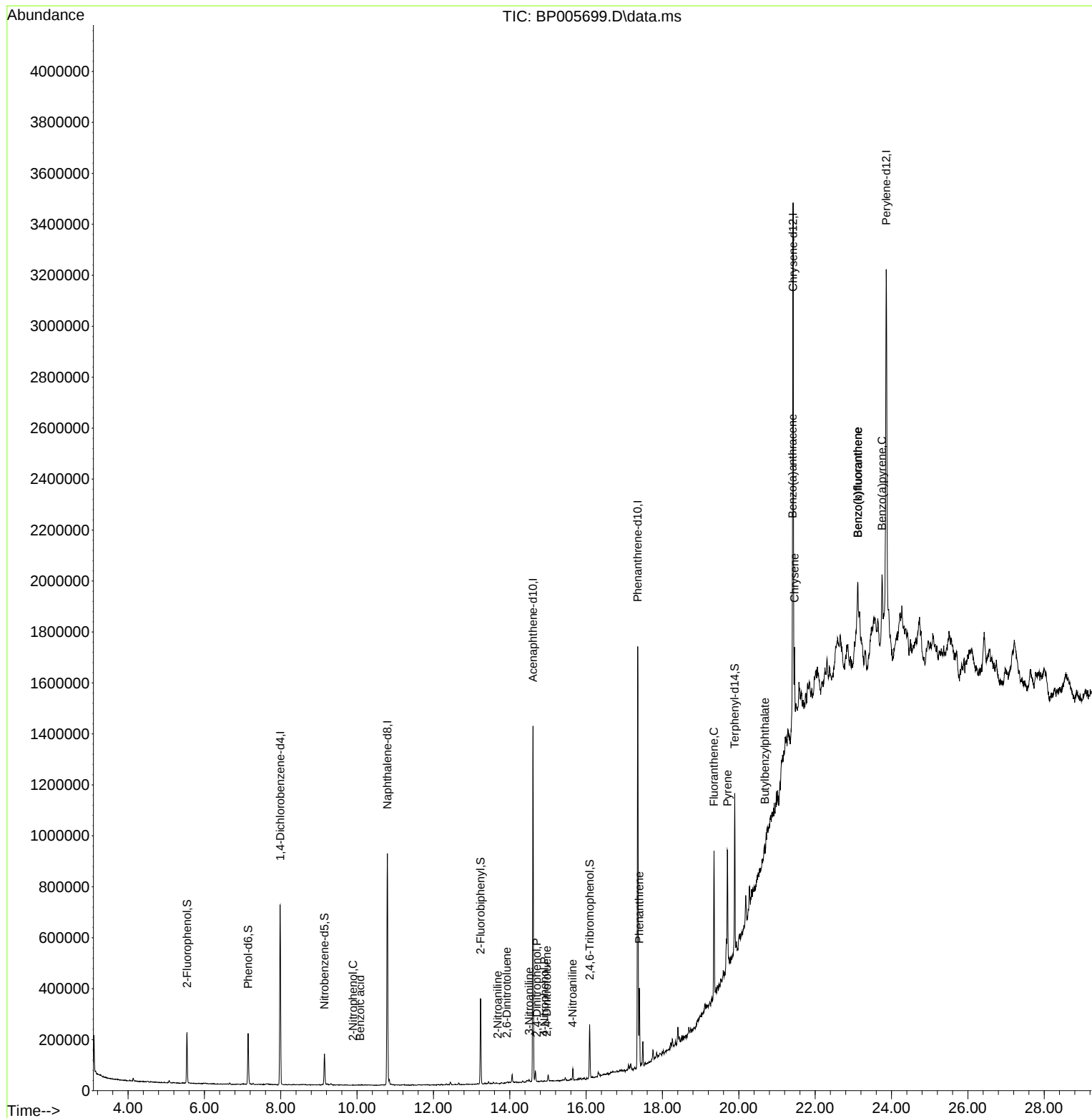
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	195766	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	758610	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	465987	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	964552	20.00	ng	# 0.00
76) Chrysene-d12	21.422	240	956234	20.00	ng	# 0.00
86) Perylene-d12	23.863	264	1054288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	89093	7.08	ng	0.00
7) Phenol-d6	7.146	99	114677	6.68	ng	0.00
23) Nitrobenzene-d5	9.146	82	69903	5.12	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	41728	6.98	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	171471	4.87	ng	0.00
79) Terphenyl-d14	19.892	244	260077	5.10	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.893	139	55	4.16	ng	# 1
32) Benzoic acid	10.081	122	200	5.04	ng	# 45
48) 2-Nitroaniline	13.681	65	147	4.51	ng	# 63
51) 2,6-Dinitrotoluene	13.922	165	68	5.07	ng	84
53) 3-Nitroaniline	14.510	138	49	3.66	ng	# 49
54) 2,4-Dinitrophenol	14.710	184	77	6.55	ng	# 1
56) 4-Nitrophenol	14.910	139	248	3.78	ng	# 30
57) 2,4-Dinitrotoluene	14.969	165	166	4.28	ng	# 30
62) 4-Nitroaniline	15.645	138	203	3.65	ng	# 42
71) Phenanthrene	17.392	178	181233	3.02	ng	98
75) Fluoranthene	19.351	202	316596	4.39	ng	95
78) Pyrene	19.704	202	283281	4.20	ng	99
80) Butylbenzylphthalate	20.686	149	1551	4.18	ng	91
81) Benzo(a)anthracene	21.404	228	170275	2.43	ng	# 94
83) Chrysene	21.457	228	146658	2.16	ng	# 95
88) Benzo(b)fluoranthene	23.116	252	199281	2.61	ng	# 79
89) Benzo(k)fluoranthene	23.116	252	199281	2.75	ng	# 77
90) Benzo(a)pyrene	23.751	252	159604	2.29	ng	# 81

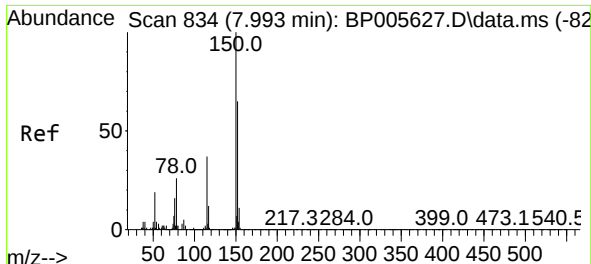
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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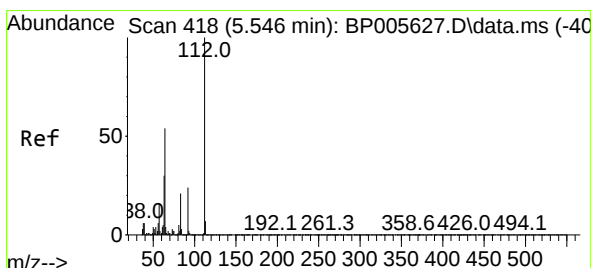
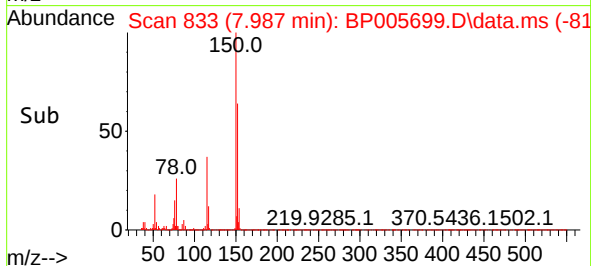
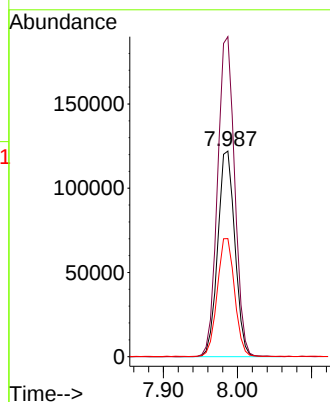
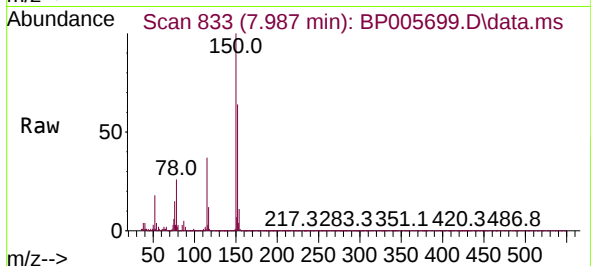




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.987 min Scan# 833
Delta R.T. -0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

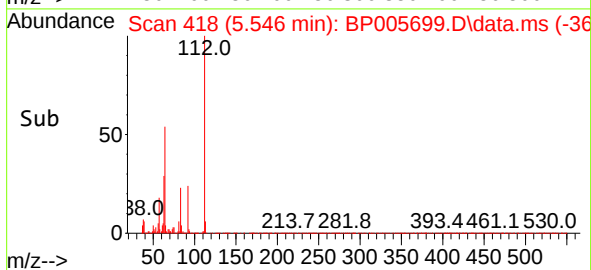
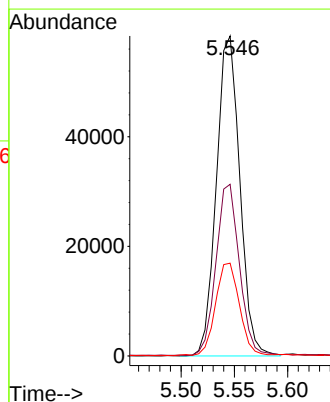
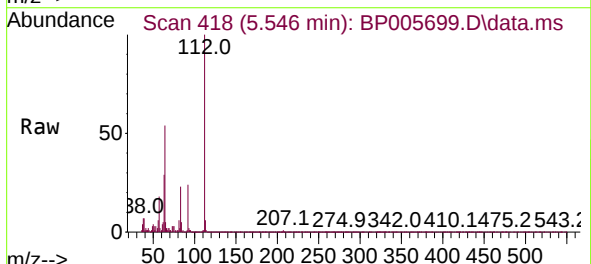
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

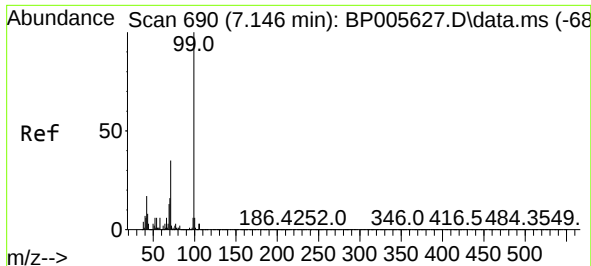
Tgt Ion:152 Resp: 195766
Ion Ratio Lower Upper
152 100
150 155.7 119.8 179.8
115 57.4 49.0 73.4



#5
2-Fluorophenol
Concen: 7.08 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:112 Resp: 89093
Ion Ratio Lower Upper
112 100
64 53.7 33.6 50.4#
63 29.0 18.6 27.8#

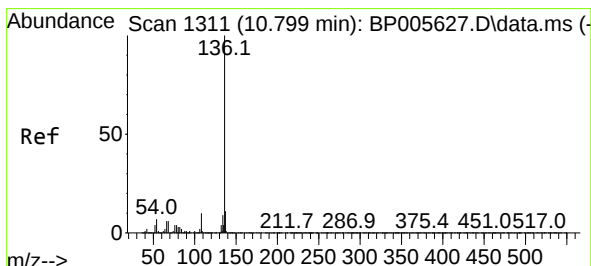
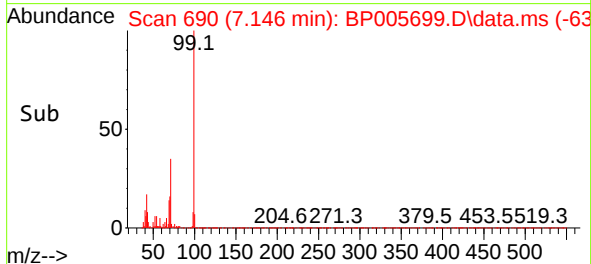
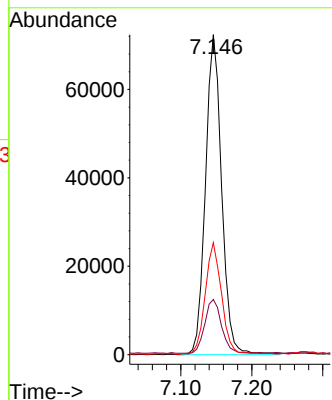
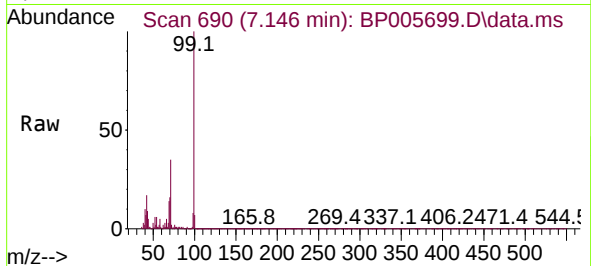




#7
Phenol-d6
Concen: 6.68 ng
RT: 7.146 min Scan# 690
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

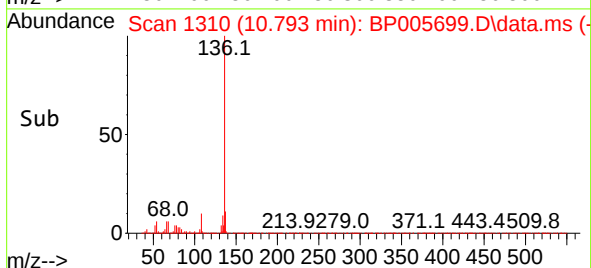
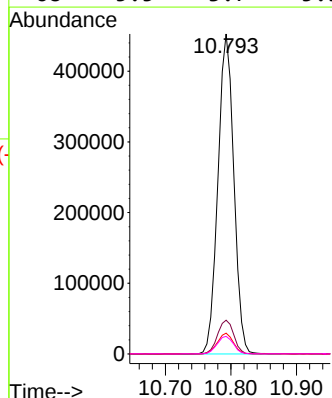
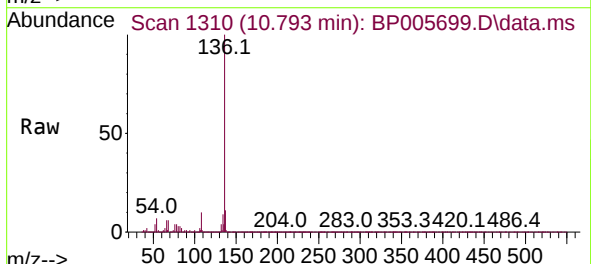
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

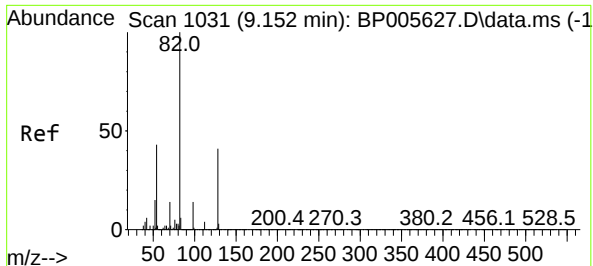
Tgt Ion:	99	Resp:	114677
Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.9	19.3
71	35.0	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.793 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:	136	Resp:	758610
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.5	5.0	7.4
68	5.5	3.7	5.5

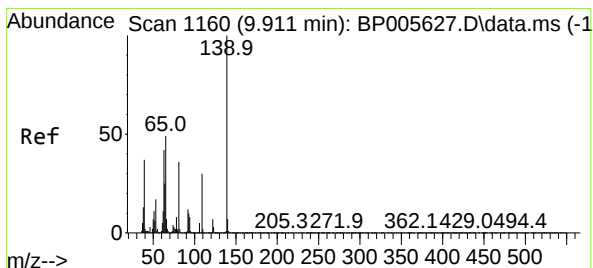
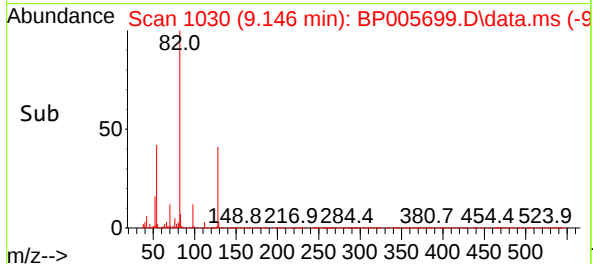
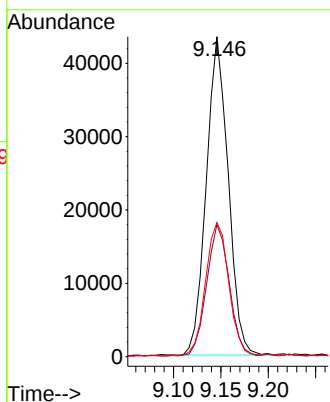
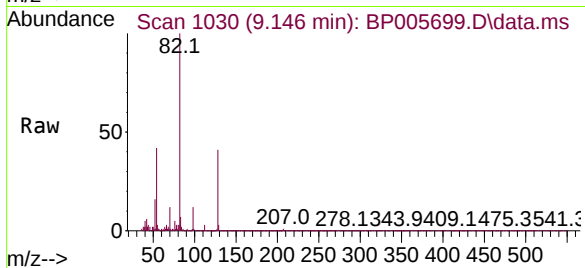




#23
Nitrobenzene-d5
Concen: 5.12 ng
RT: 9.146 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

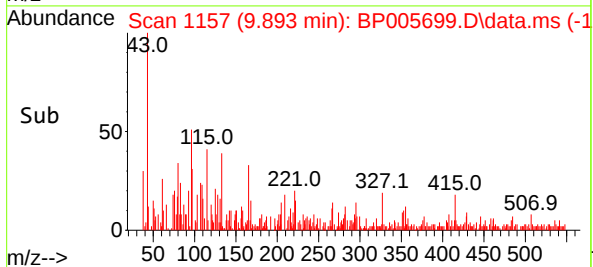
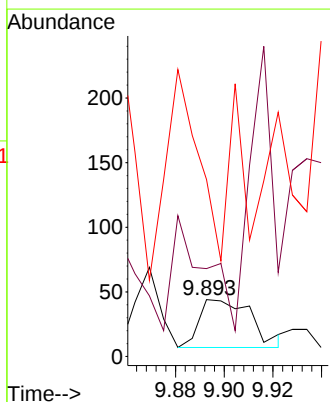
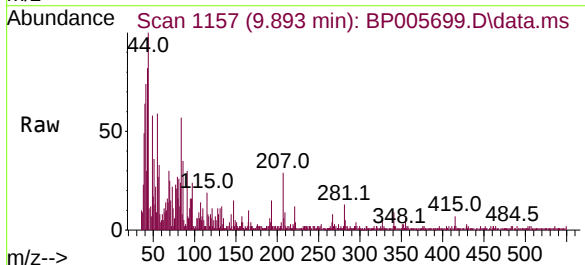
Instrument :
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ClientSampleId :
18-B1(2-4)

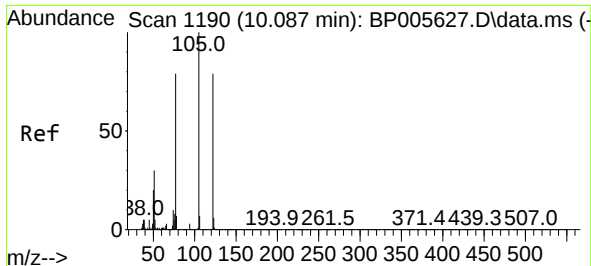
Tgt Ion: 82 Resp: 69903
Ion Ratio Lower Upper
82 100
128 41.3 30.5 45.7
54 42.0 33.9 50.9



#26
2-Nitrophenol
Concen: 4.16 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion: 139 Resp: 55
Ion Ratio Lower Upper
139 100
109 154.5 40.7 61.1#
65 311.4 47.8 71.6#

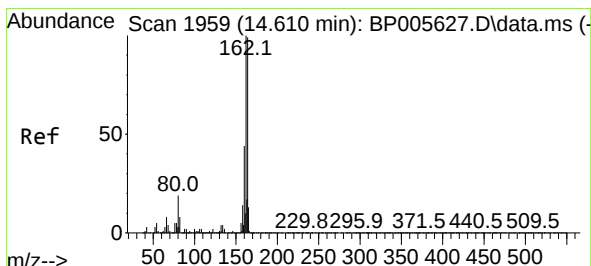
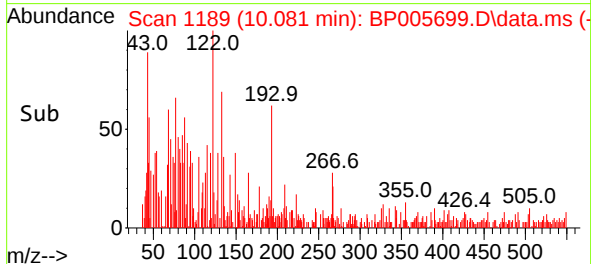
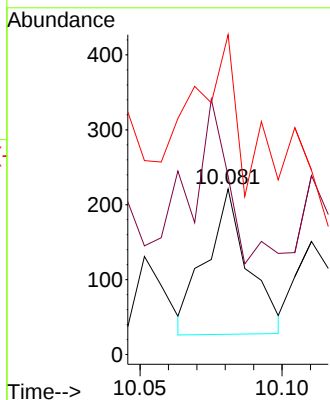
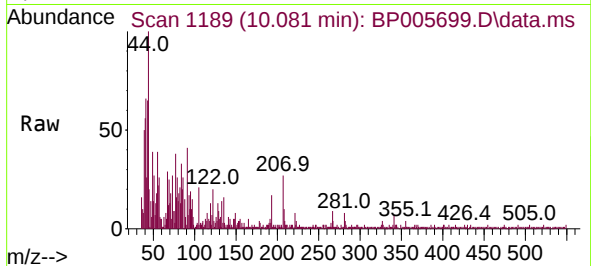




#32
Benzoic acid
Concen: 5.04 ng
RT: 10.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

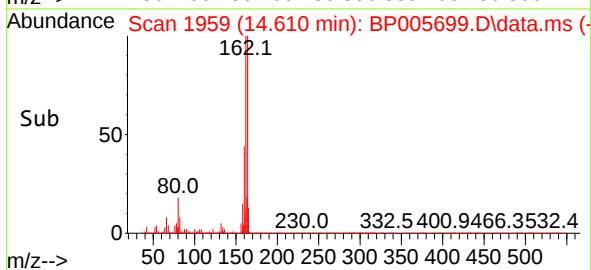
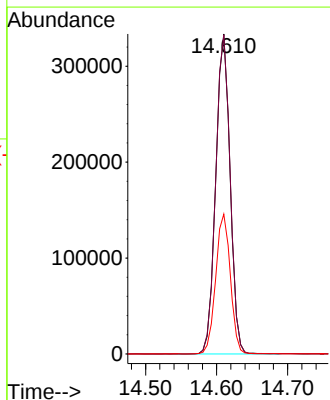
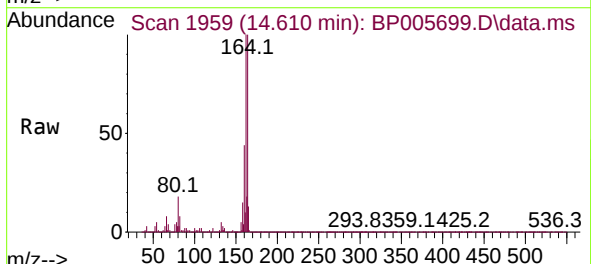
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BNA_P
ClientSampleId :
18-B1(2-4)

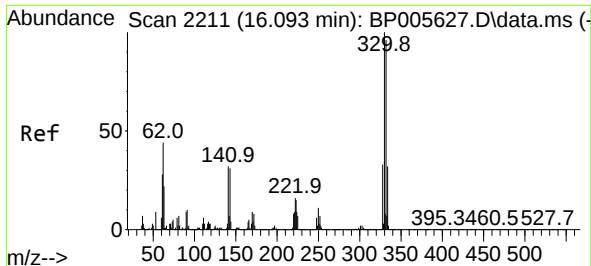
Tgt Ion:122 Resp: 200
Ion Ratio Lower Upper
122 100
105 107.7 105.1 145.1
77 193.2 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:164 Resp: 465987
Ion Ratio Lower Upper
164 100
162 99.7 73.5 110.3
160 43.7 40.6 61.0

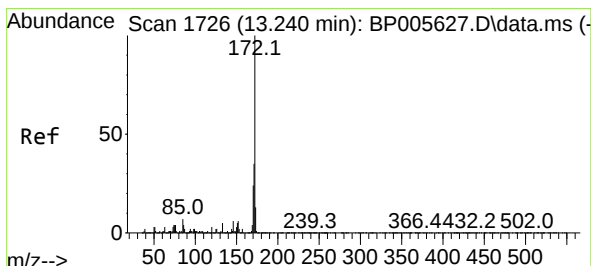
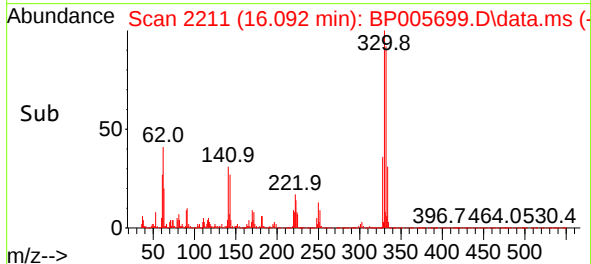
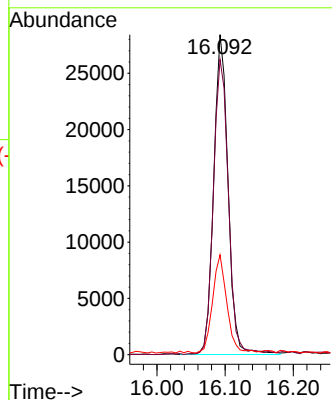
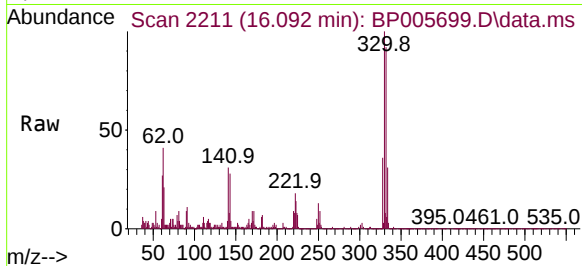




#42
2,4,6-Tribromophenol
Concen: 6.98 ng
RT: 16.092 min Scan# 2211
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

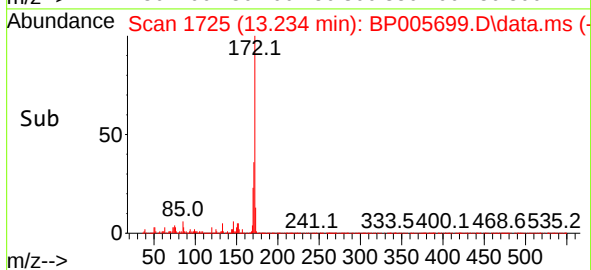
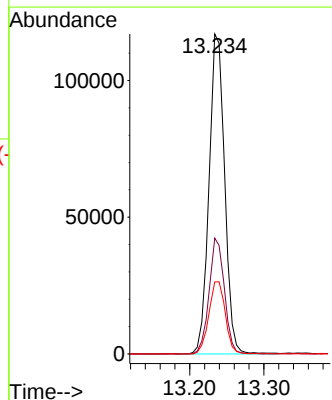
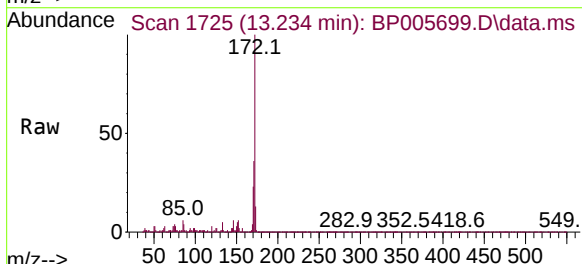
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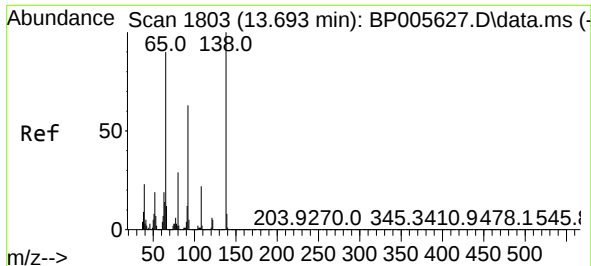
Tgt Ion: 330 Resp: 41728
Ion Ratio Lower Upper
330 100
332 96.3 76.3 114.5
141 30.2 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 4.87 ng
RT: 13.234 min Scan# 1725
Delta R.T. -0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion: 172 Resp: 171471
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 22.5 19.6 29.4

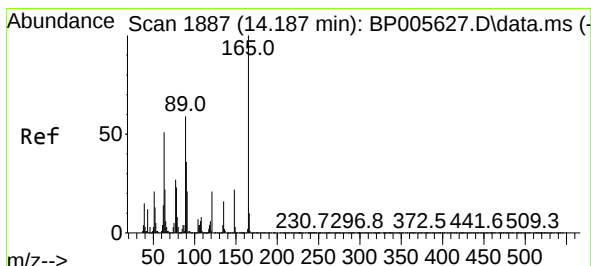
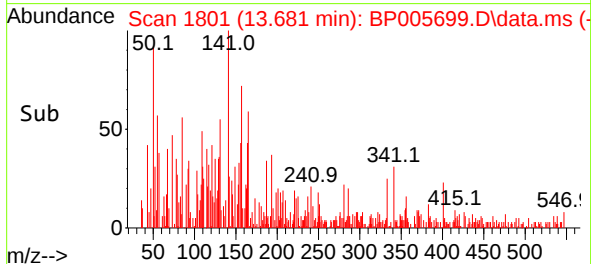
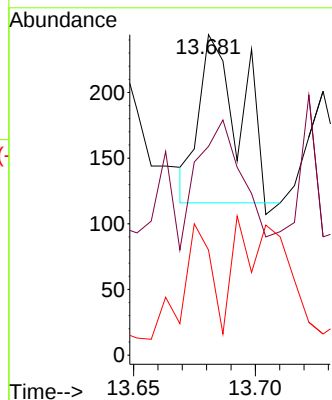
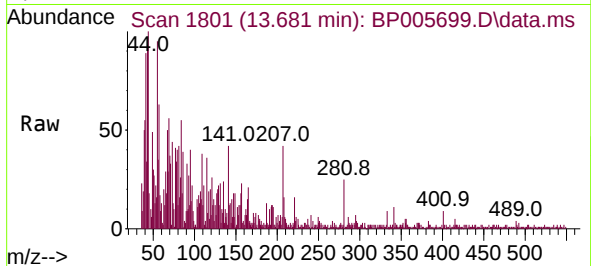




#48
2-Nitroaniline
Concen: 4.51 ng
RT: 13.681 min Scan# 1801
Delta R.T. -0.012 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

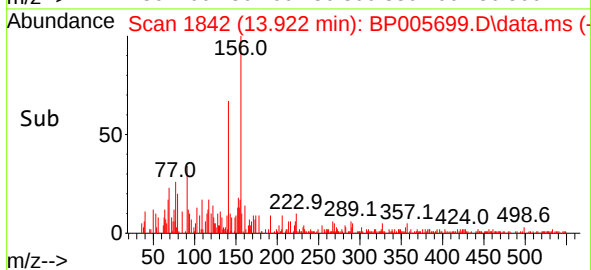
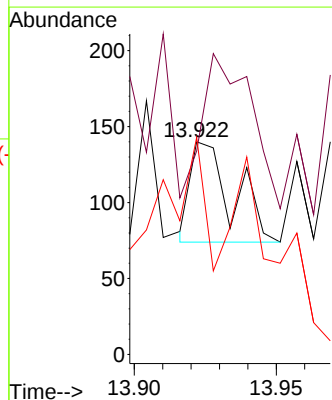
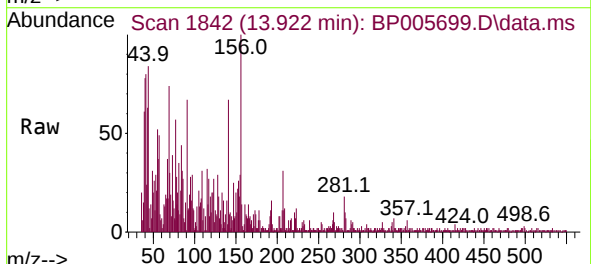
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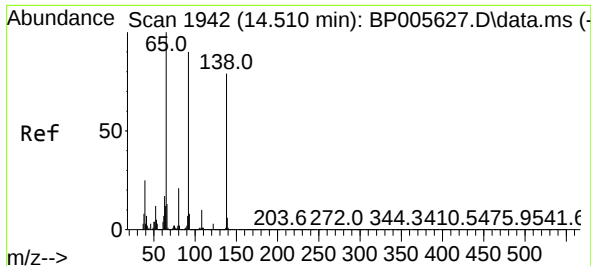
Tgt Ion: 65 Resp: 147
Ion Ratio Lower Upper
65 100
92 65.2 48.8 73.2
138 32.8 69.5 104.3#



#51
2,6-Dinitrotoluene
Concen: 5.07 ng
RT: 13.922 min Scan# 1842
Delta R.T. -0.265 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion: 165 Resp: 68
Ion Ratio Lower Upper
165 100
63 95.7 67.4 101.0
89 110.0 73.8 110.6

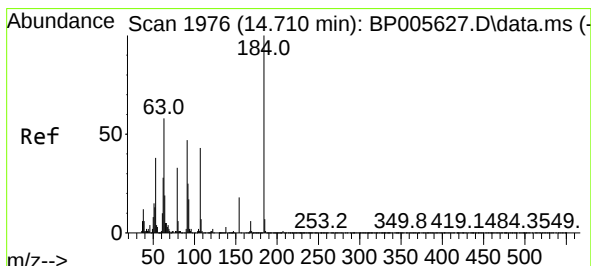
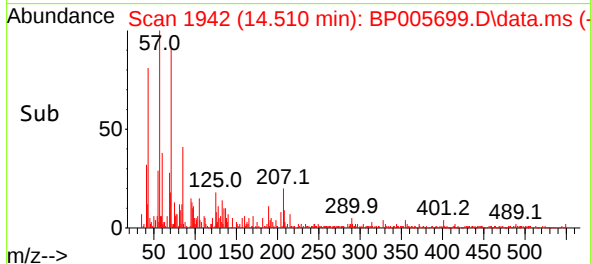
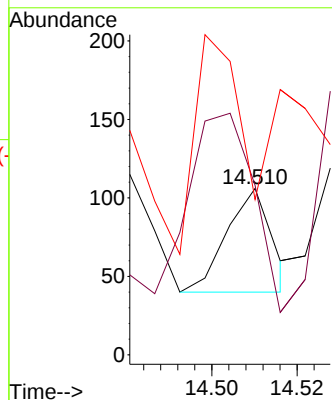
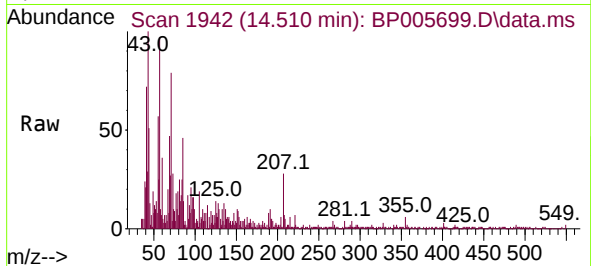




#53
3-Nitroaniline
Concen: 3.66 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

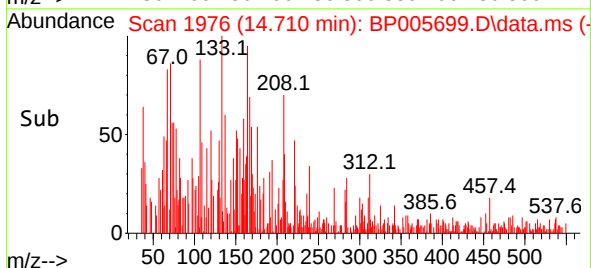
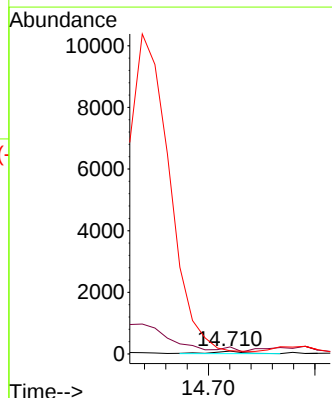
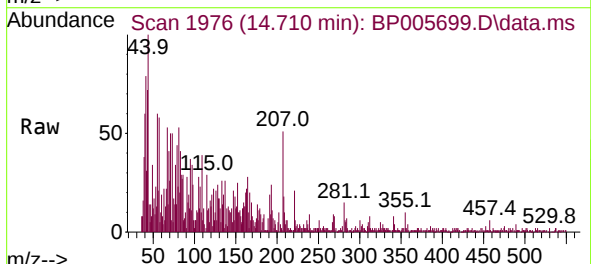
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18-B1(2-4)

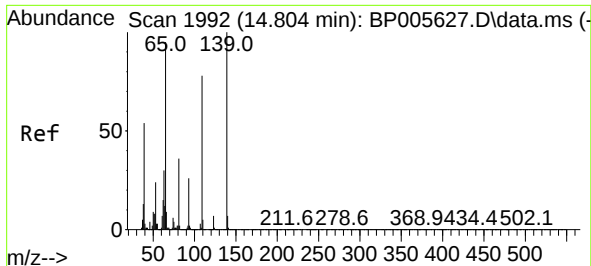
Tgt Ion:138 Resp: 49
Ion Ratio Lower Upper
138 100
108 101.9 10.2 15.4#
92 93.4 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 243.2 51.2 76.8#
154 111.6 55.8 83.8#

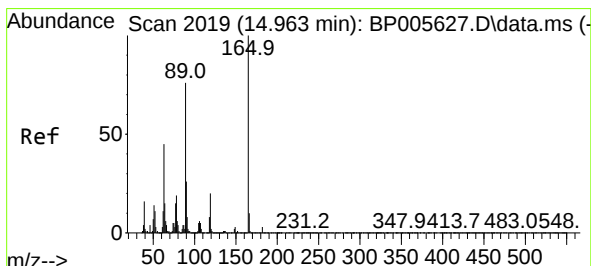
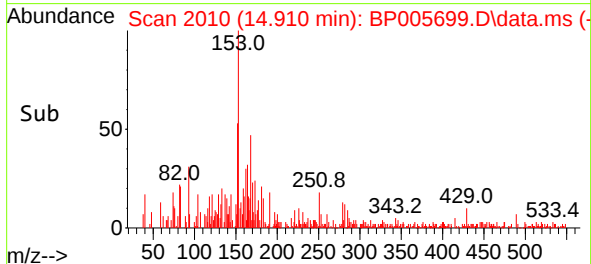
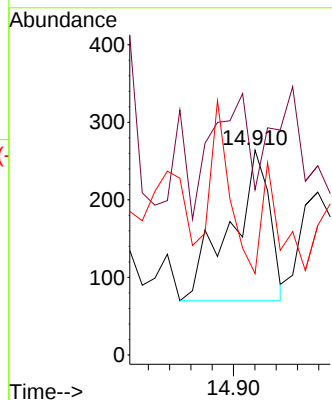
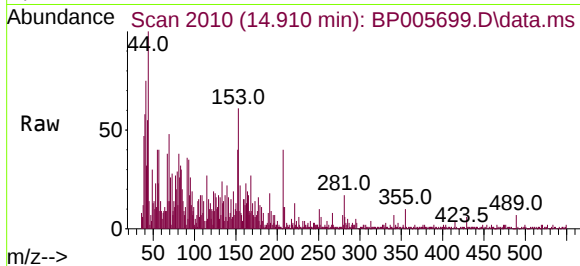




#56
4-Nitrophenol
Concen: 3.78 ng
RT: 14.910 min Scan# 2010
Delta R.T. 0.106 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

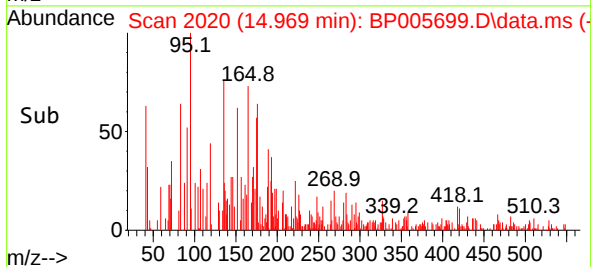
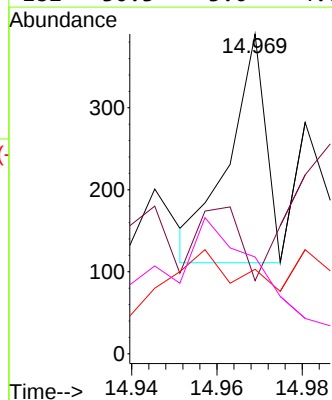
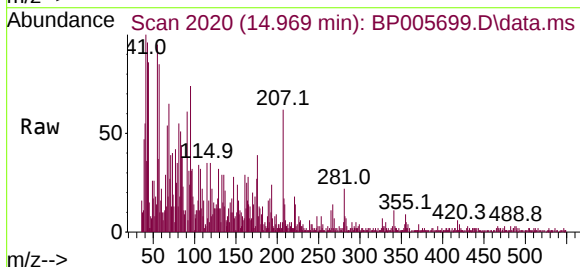
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

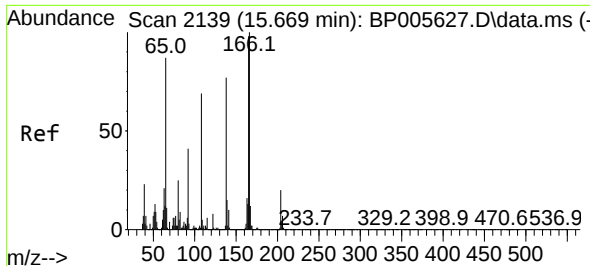
Tgt Ion:139 Resp: 248
Ion Ratio Lower Upper
139 100
109 69.4 122.8 162.8#
65 34.2 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 4.28 ng
RT: 14.969 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:165 Resp: 166
Ion Ratio Lower Upper
165 100
63 22.8 56.7 85.1#
89 26.4 85.8 128.6#
182 30.3 3.0 4.6#

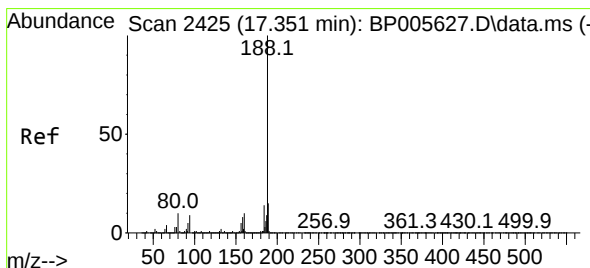
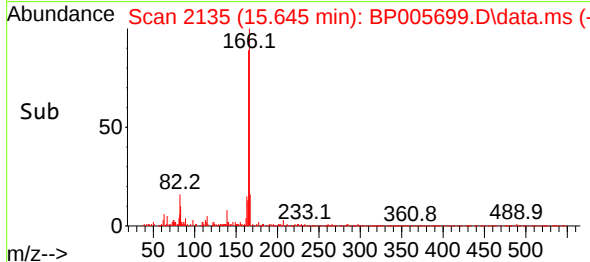
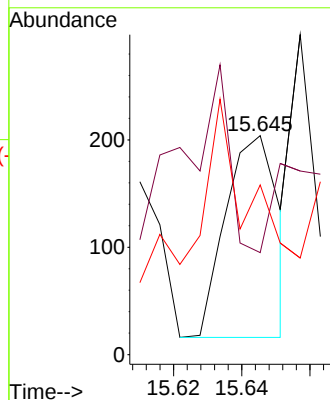
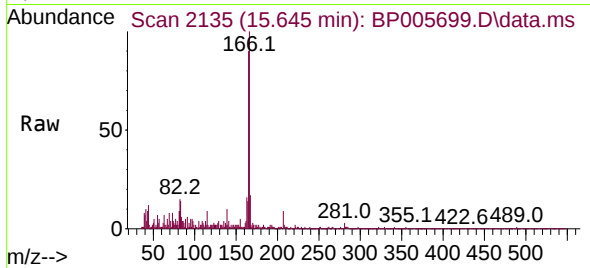




#62
4-Nitroaniline
Concen: 3.65 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.024 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

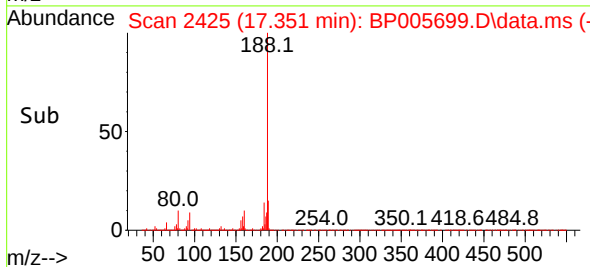
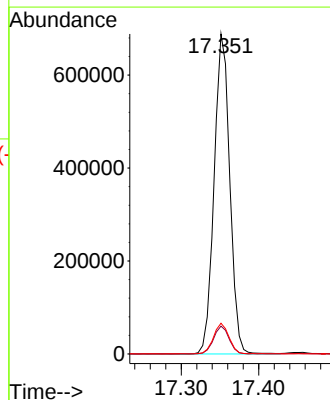
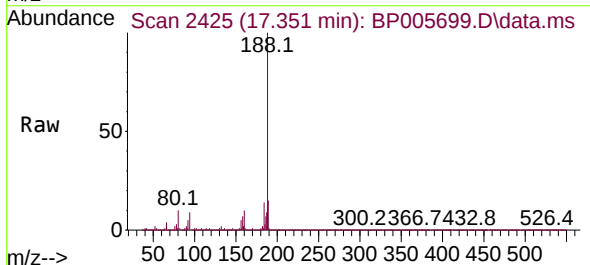
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

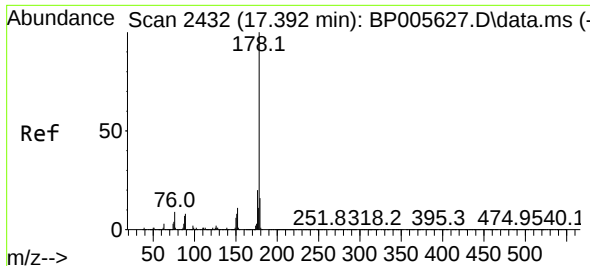
Tgt Ion:138 Resp: 203
Ion Ratio Lower Upper
138 100
92 46.6 50.9 90.9#
108 77.5 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.351 min Scan# 2425
Delta R.T. 0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:188 Resp: 964552
Ion Ratio Lower Upper
188 100
94 8.7 5.0 7.6#
80 9.6 5.9 8.9#

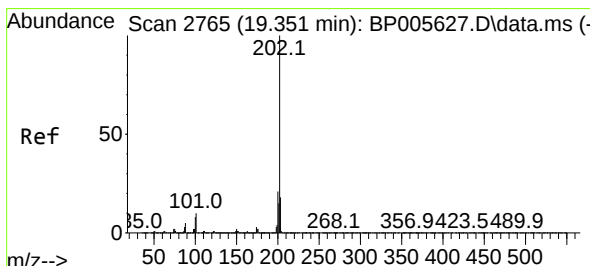
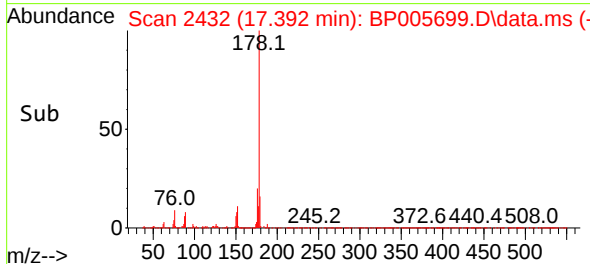
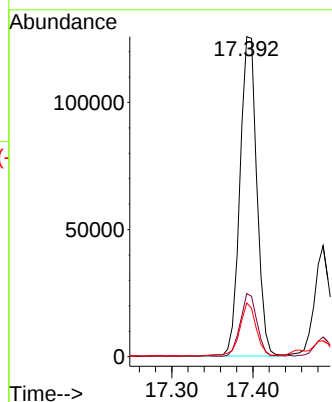
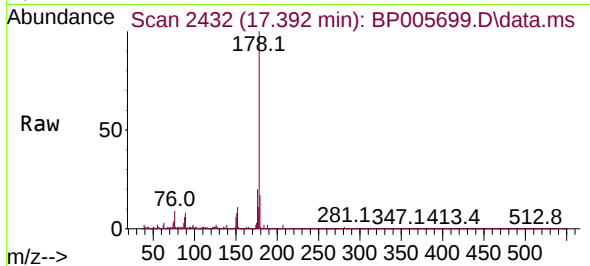




#71
Phenanthrene
Concen: 3.02 ng
RT: 17.392 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

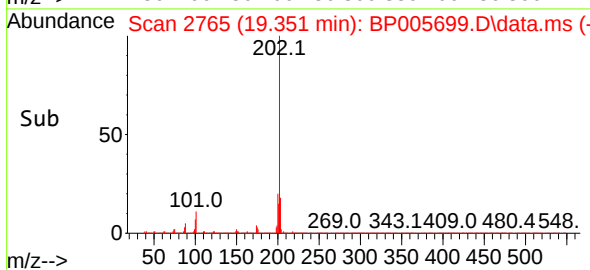
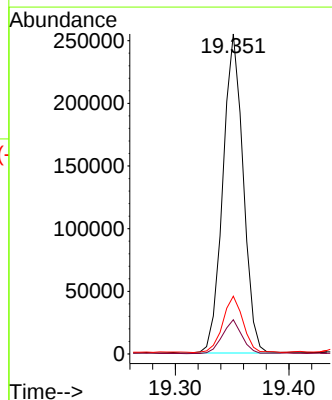
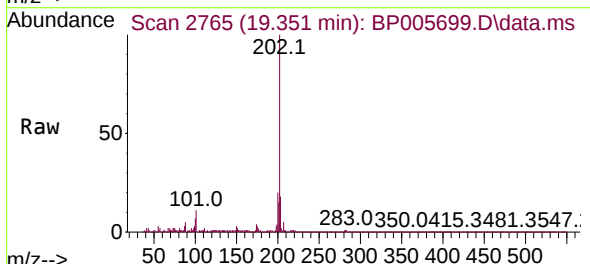
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

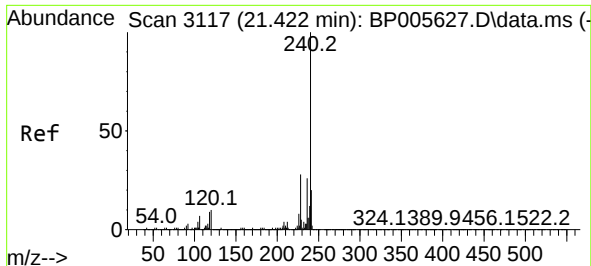
Tgt Ion:178 Resp: 181233
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.8 12.3 18.5



#75
Fluoranthene
Concen: 4.39 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:202 Resp: 316596
Ion Ratio Lower Upper
202 100
101 10.7 0.0 26.1
203 18.1 0.0 37.2

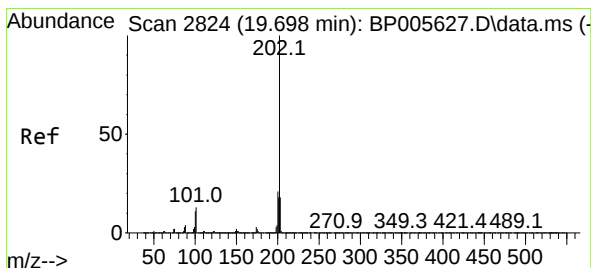
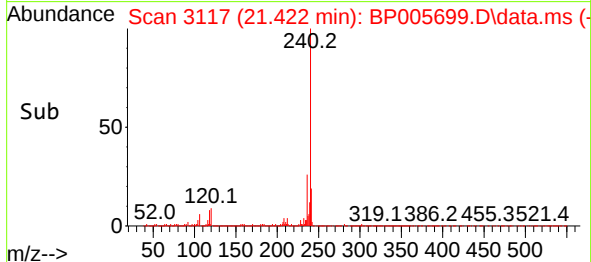
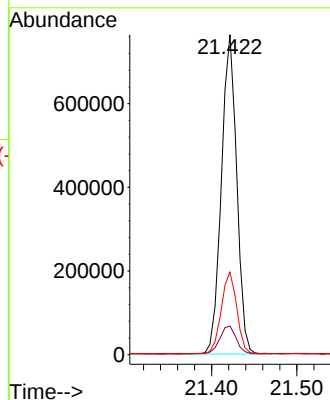
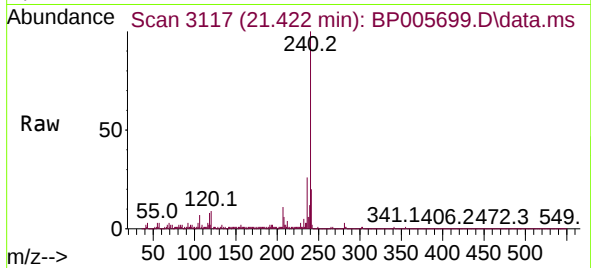




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.422 min Scan# 3117
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

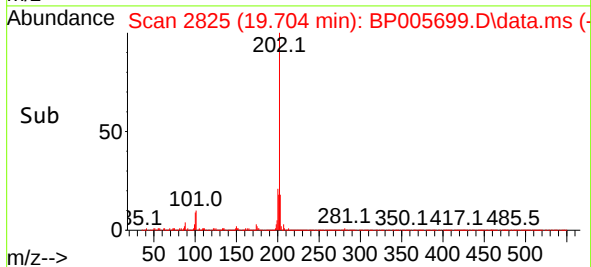
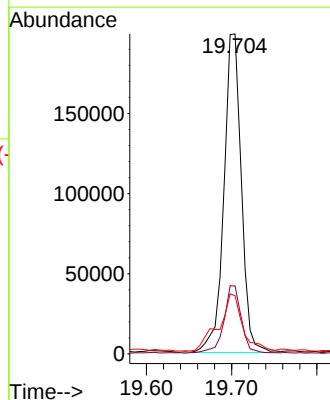
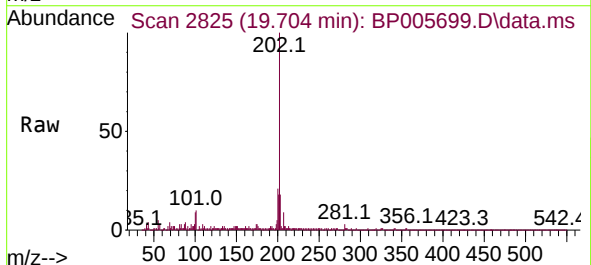
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

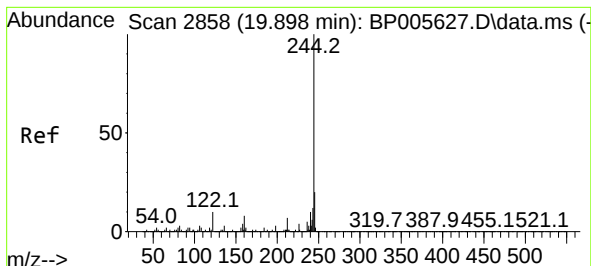
Tgt Ion:240 Resp: 956234
Ion Ratio Lower Upper
240 100
120 9.0 4.2 6.2#
236 25.8 20.2 30.2



#78
Pyrene
Concen: 4.20 ng
RT: 19.704 min Scan# 2825
Delta R.T. 0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:202 Resp: 283281
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.2 13.8 20.6





#79

Terphenyl-d14

Concen: 5.10 ng

RT: 19.892 min Scan# 2857

Delta R.T. -0.006 min

Lab File: BP005699.D

Acq: 03 Jun 2021 22:04

Tgt Ion:244 Resp: 260077

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.6

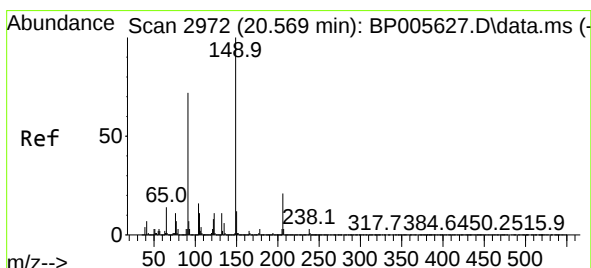
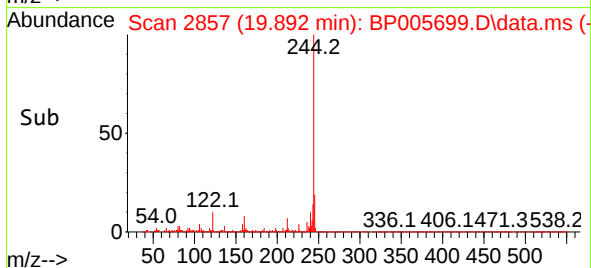
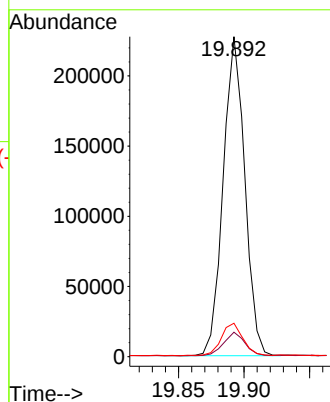
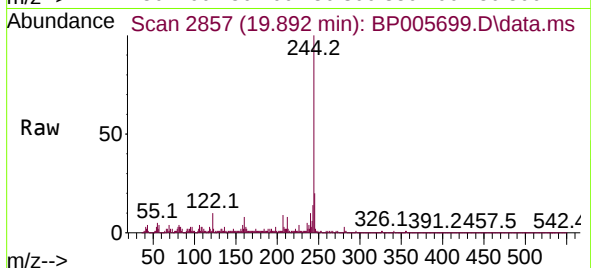
122 10.5 5.2 7.8#

Instrument :

BNA_P

ClientSampleId :

18-B1(2-4)



#80

Butylbenzylphthalate

Concen: 4.18 ng

RT: 20.686 min Scan# 2992

Delta R.T. 0.117 min

Lab File: BP005699.D

Acq: 03 Jun 2021 22:04

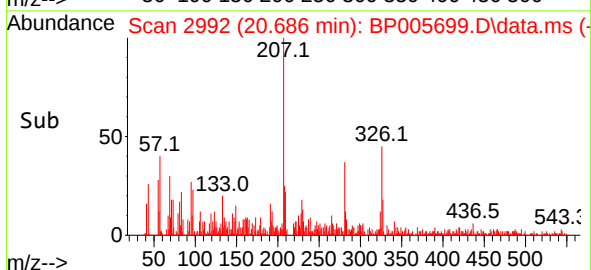
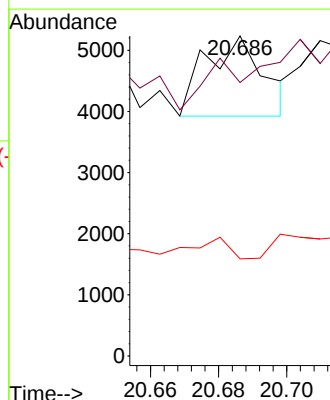
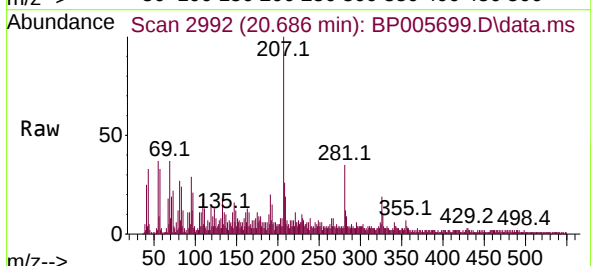
Tgt Ion:149 Resp: 1551

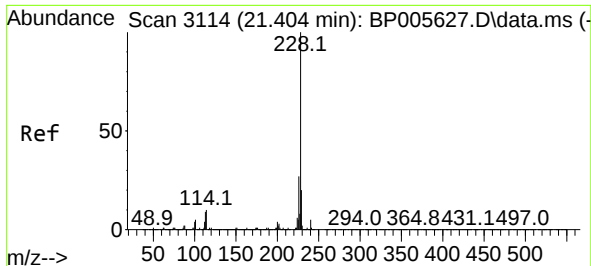
Ion Ratio Lower Upper

149 100

91 85.5 60.2 90.4

206 30.4 23.9 35.9

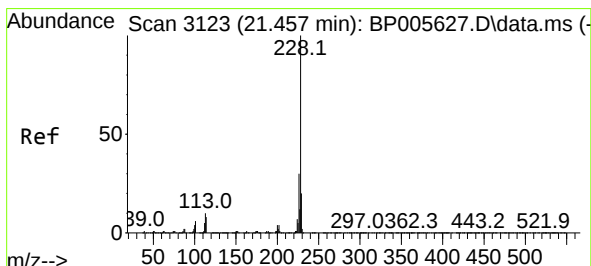
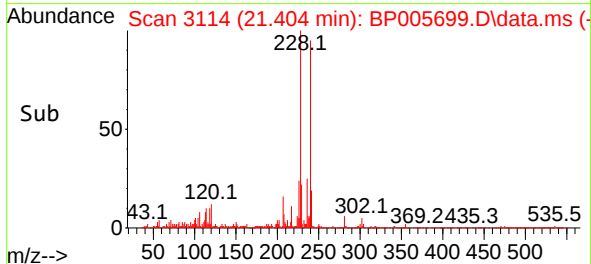
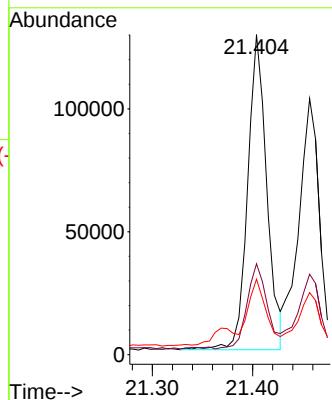
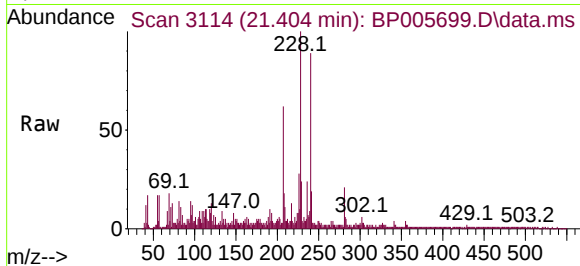




#81
Benzo(a)anthracene
Concen: 2.43 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

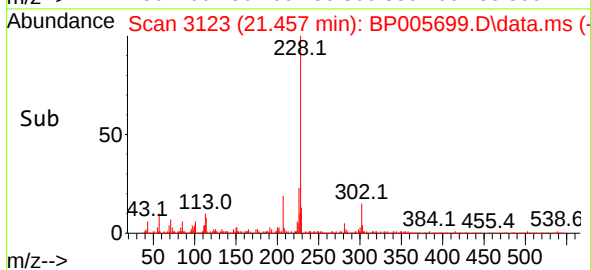
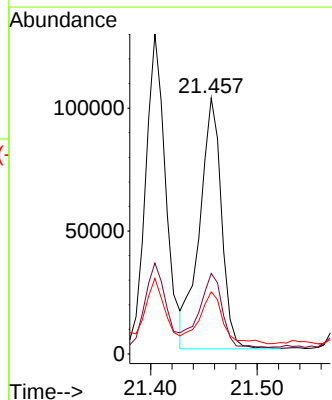
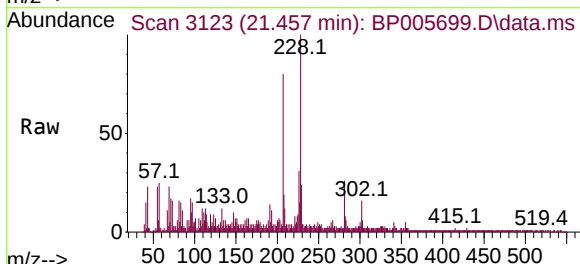
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

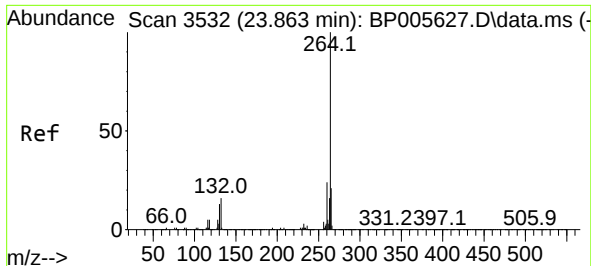
Tgt Ion:228 Resp: 170275
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 23.6 15.6 23.4#



#83
Chrysene
Concen: 2.16 ng
RT: 21.457 min Scan# 3123
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:228 Resp: 146658
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 24.2 15.4 23.0#

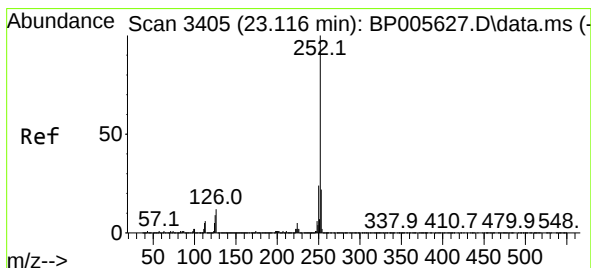
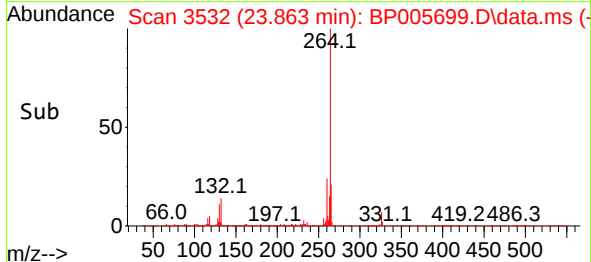
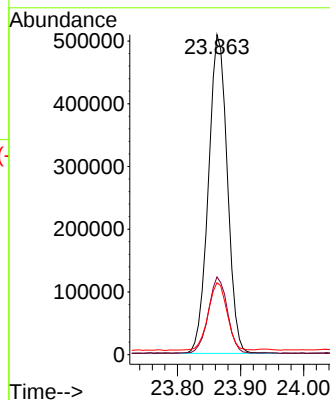
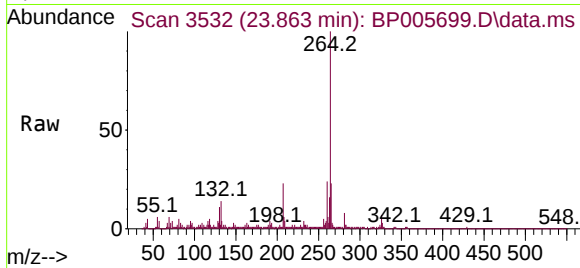




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.863 min Scan# 3532
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

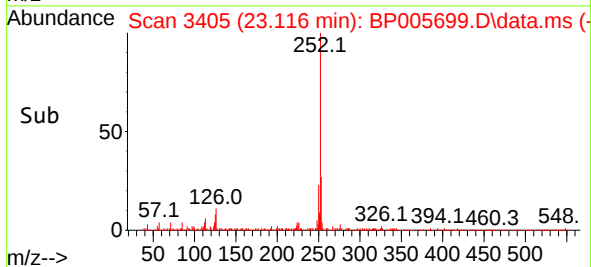
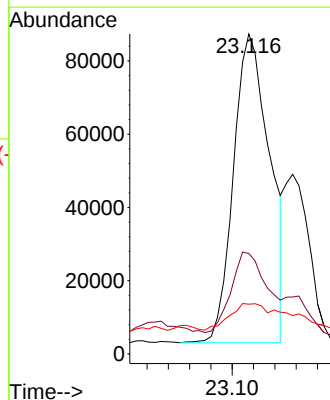
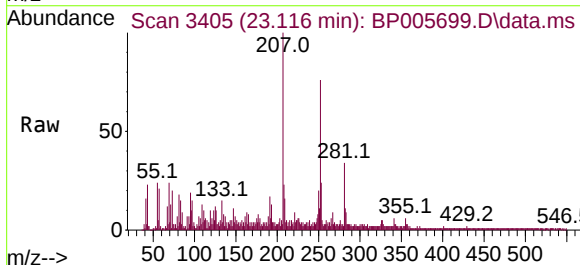
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

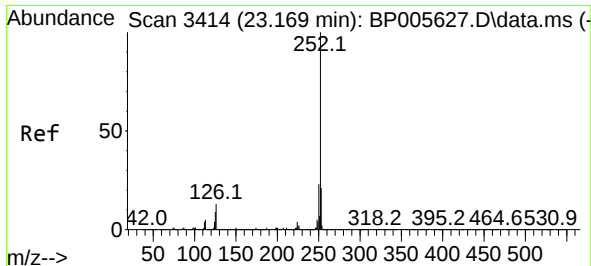
Tgt Ion:264 Resp: 1054288
Ion Ratio Lower Upper
264 100
260 24.3 20.6 30.8
265 22.5 19.0 28.6



#88
Benzo(b)fluoranthene
Concen: 2.61 ng
RT: 23.116 min Scan# 3405
Delta R.T. -0.000 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:252 Resp: 199281
Ion Ratio Lower Upper
252 100
253 31.4 18.2 27.2#
125 15.6 3.4 5.0#

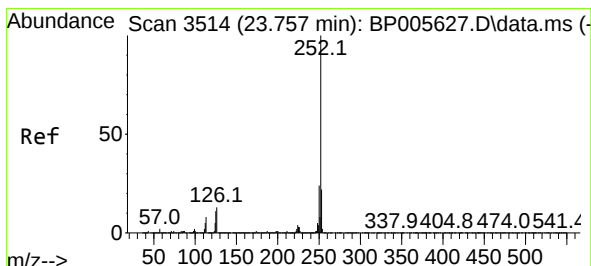
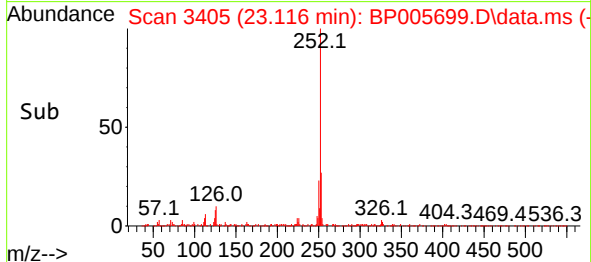
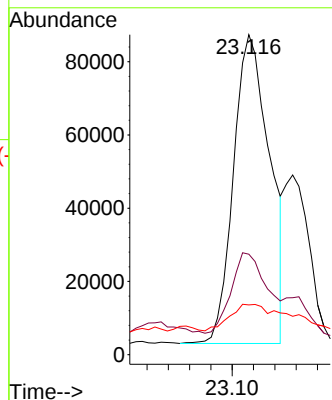
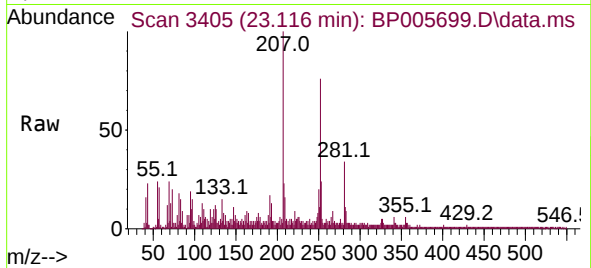




#89
Benzo(k)fluoranthene
Concen: 2.75 ng
RT: 23.116 min Scan# 3405
Delta R.T. -0.053 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Instrument :
BNA_P
ClientSampled :
18-B1(2-4)

Tgt Ion:252 Resp: 199281
Ion Ratio Lower Upper
252 100
253 31.4 17.2 25.8#
125 15.6 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 2.29 ng
RT: 23.751 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP005699.D
Acq: 03 Jun 2021 22:04

Tgt Ion:252 Resp: 159604
Ion Ratio Lower Upper
252 100
253 28.6 17.1 25.7#
125 17.0 3.8 5.6#

