

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060221\
 Data File : BP005679.D
 Acq On : 02 Jun 2021 22:54
 Operator : CG/JU
 Sample : M2580-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 03 02:44:54 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)

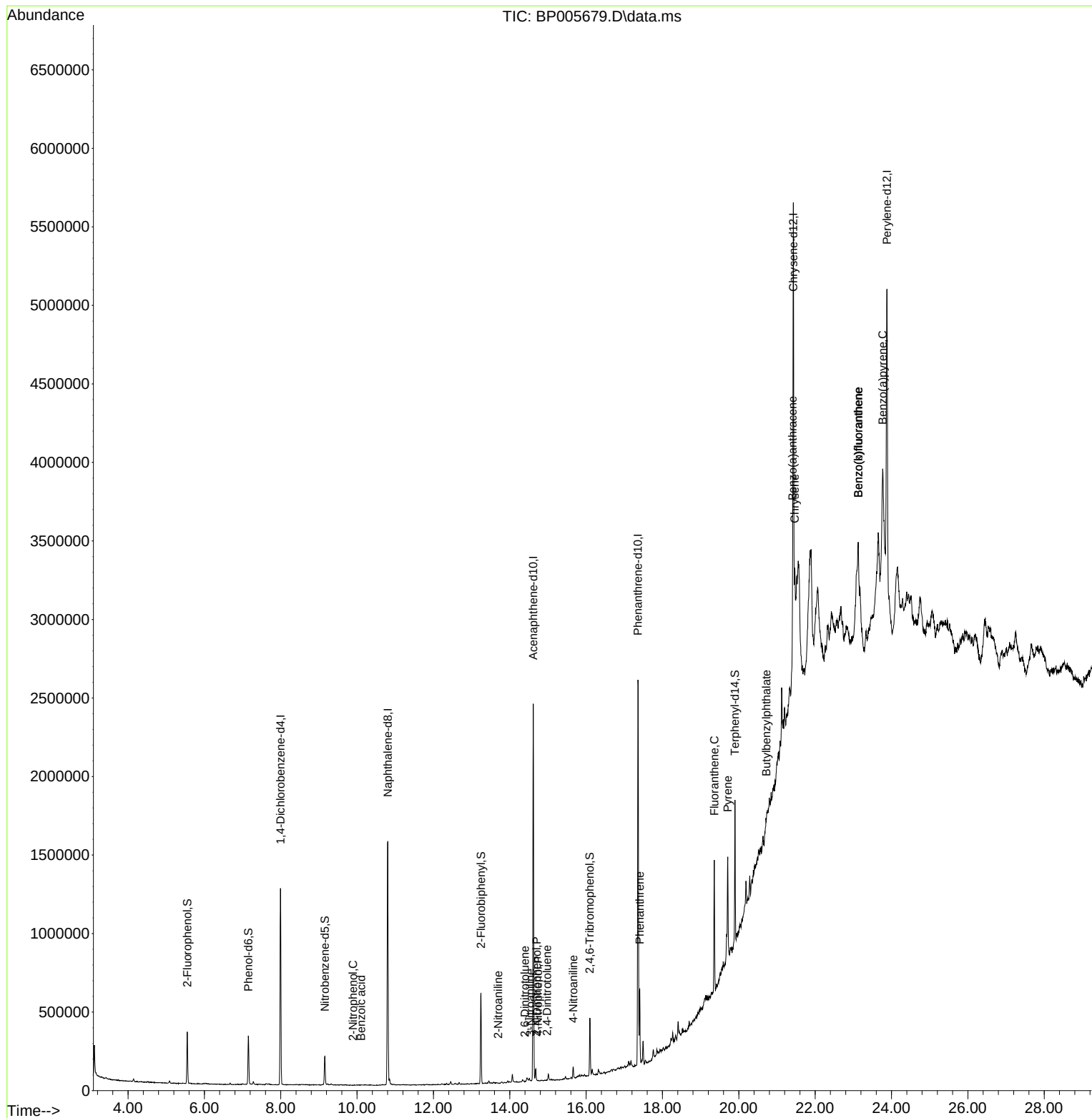
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	341055	20.00	ng	0.00
21) Naphthalene-d8	10.804	136	1334318	20.00	ng	0.00
39) Acenaphthene-d10	14.616	164	827002	20.00	ng	0.00
64) Phenanthrene-d10	17.357	188	1584481	20.00	ng	# 0.00
76) Chrysene-d12	21.427	240	1358040	20.00	ng	# 0.00
86) Perylene-d12	23.880	264	1552993	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	149552	6.82	ng	0.00
7) Phenol-d6	7.152	99	182836	6.11	ng	0.00
23) Nitrobenzene-d5	9.158	82	107996	4.50	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	80106	7.55	ng	0.00
45) 2-Fluorobiphenyl	13.246	172	305355	4.89	ng	0.00
79) Terphenyl-d14	19.898	244	405952	5.61	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.893	139	264	4.18	ng	# 1
32) Benzoic acid	10.105	122	51	5.02	ng	# 1
48) 2-Nitroaniline	13.693	65	182	4.50	ng	# 69
51) 2,6-Dinitrotoluene	14.398	165	101	5.06	ng	87
53) 3-Nitroaniline	14.540	138	251	3.67	ng	# 46
54) 2,4-Dinitrophenol	14.710	184	32	6.53	ng	# 1
56) 4-Nitrophenol	14.740	139	318	3.77	ng	95
57) 2,4-Dinitrotoluene	14.981	165	131	4.27	ng	# 65
62) 4-Nitroaniline	15.663	138	474	3.66	ng	# 32
71) Phenanthrene	17.404	178	296011	3.00	ng	99
75) Fluoranthene	19.357	202	477007	4.03	ng	97
78) Pyrene	19.710	202	409485	4.27	ng	98
80) Butylbenzylphthalate	20.722	149	1879	4.17	ng	91
81) Benzo(a)anthracene	21.410	228	237001	2.38	ng	# 93
83) Chrysene	21.463	228	211908	2.20	ng	# 93
88) Benzo(b)fluoranthene	23.127	252	306998	2.72	ng	# 76
89) Benzo(k)fluoranthene	23.127	252	306998	2.88	ng	# 73
90) Benzo(a)pyrene	23.768	252	237777	2.32	ng	# 82

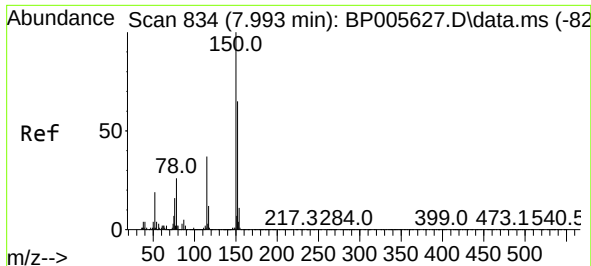
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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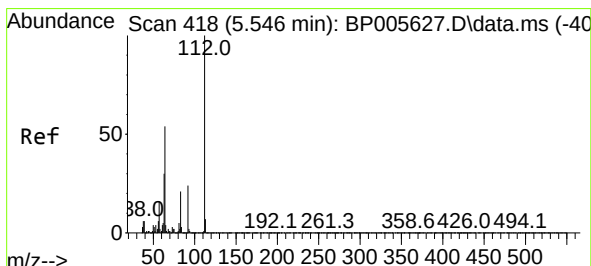
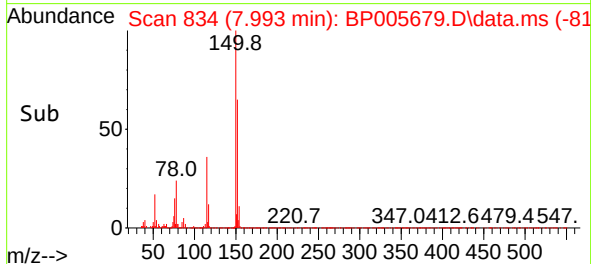
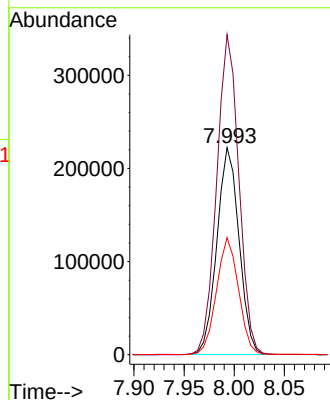
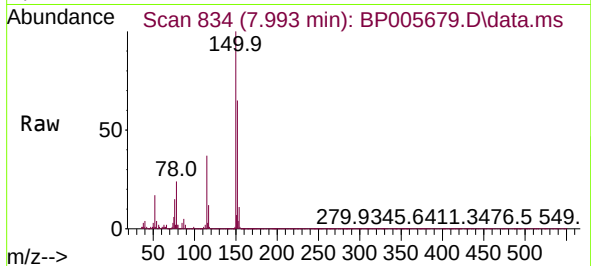




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.993 min Scan# 834
Delta R.T. -0.000 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

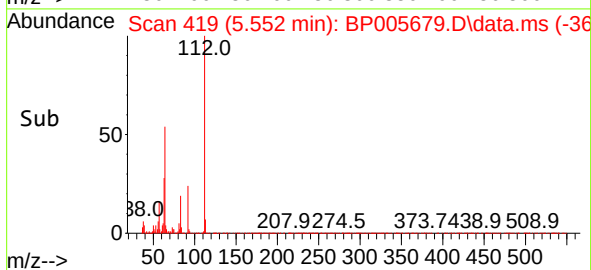
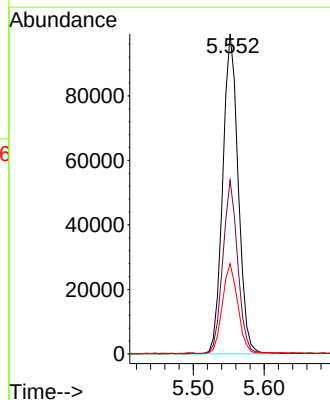
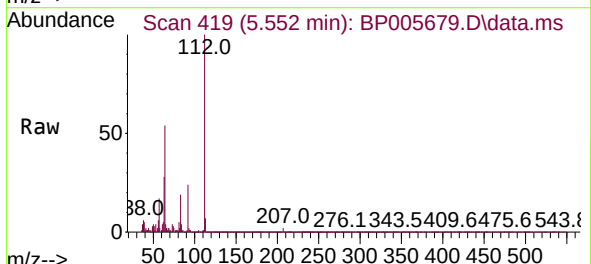
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

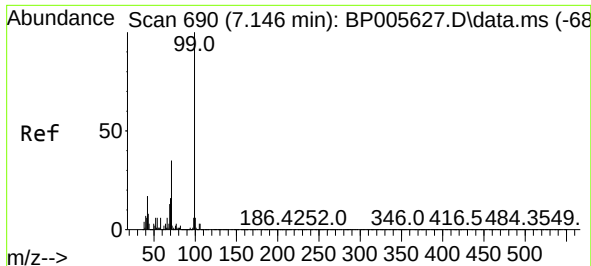
Tgt Ion:152 Resp: 341055
Ion Ratio Lower Upper
152 100
150 154.6 119.8 179.8
115 56.5 49.0 73.4



#5
2-Fluorophenol
Concen: 6.82 ng
RT: 5.552 min Scan# 419
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:112 Resp: 149552
Ion Ratio Lower Upper
112 100
64 54.3 33.6 50.4#
63 28.2 18.6 27.8#

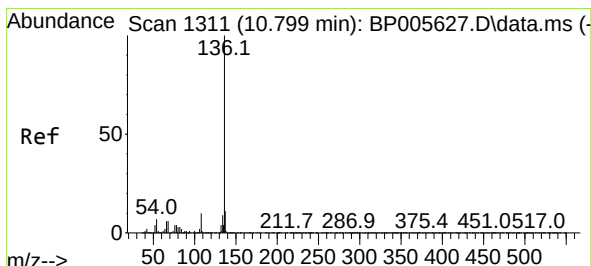
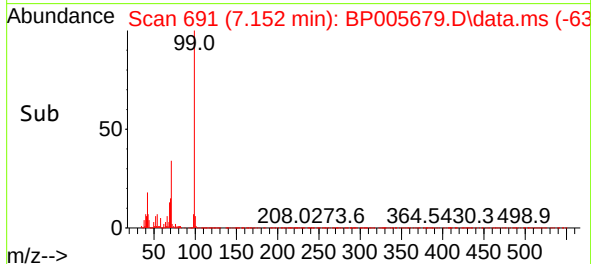
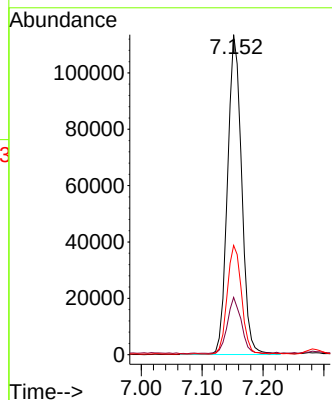
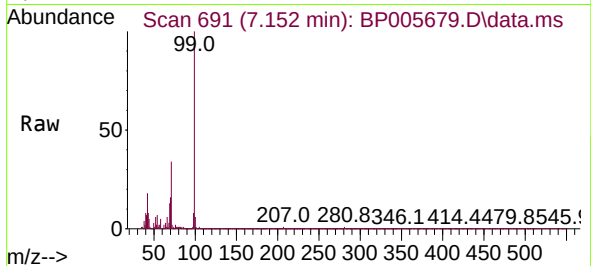




#7
Phenol-d6
Concen: 6.11 ng
RT: 7.152 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

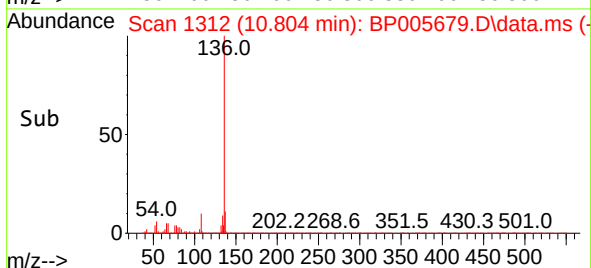
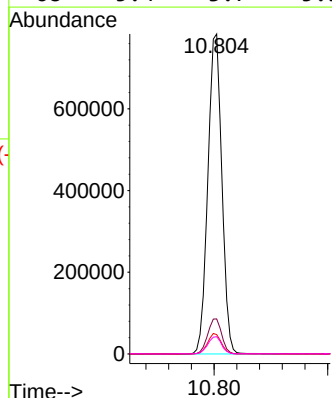
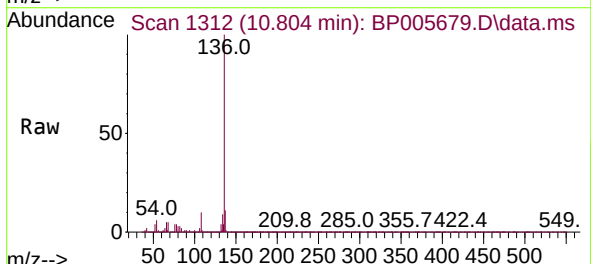
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

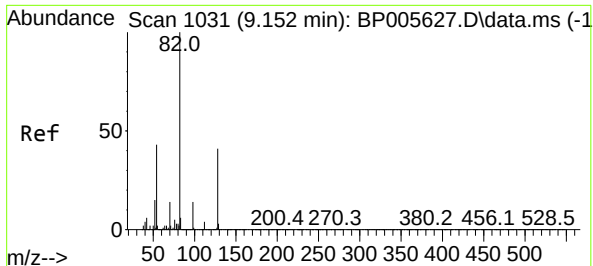
Tgt Ion:	99	Resp:	182836
Ion	Ratio	Lower	Upper
99	100		
42	17.9	12.9	19.3
71	34.2	26.7	40.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.804 min Scan# 1312
Delta R.T. 0.005 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:	136	Resp:	1334318
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.1	5.0	7.4
68	5.4	3.7	5.5

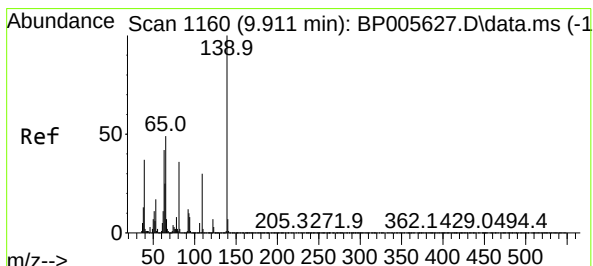
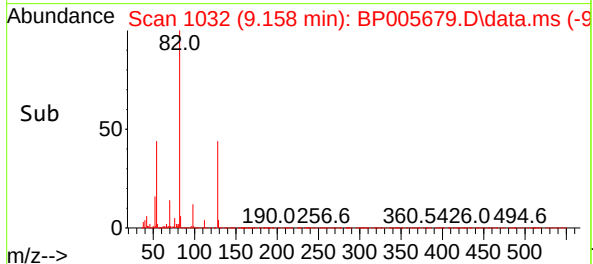
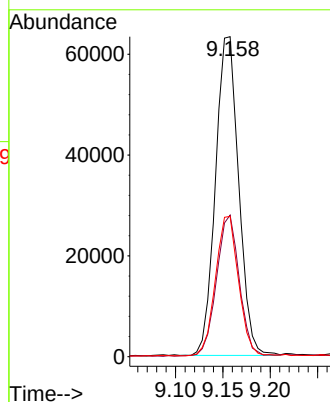
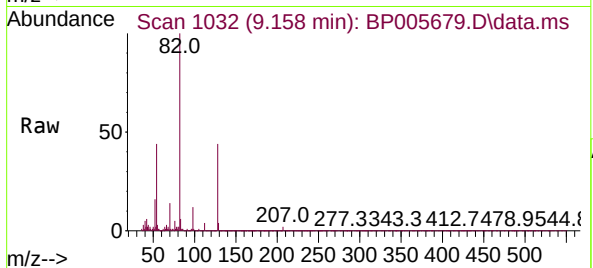




#23
Nitrobenzene-d5
Concen: 4.50 ng
RT: 9.158 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

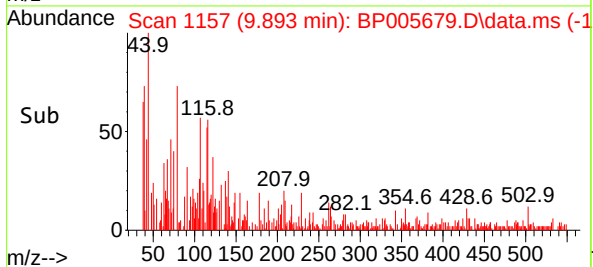
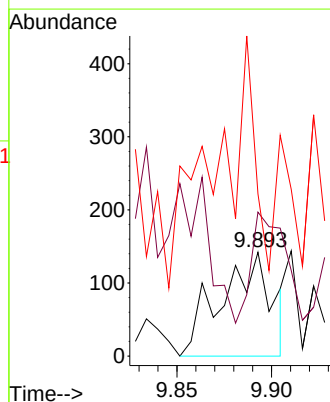
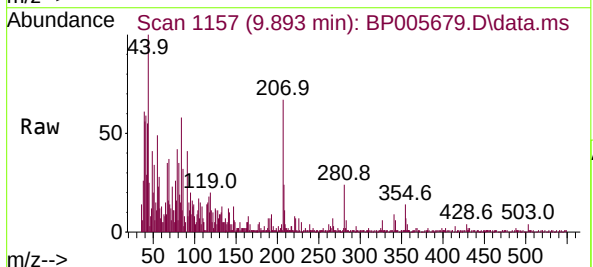
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

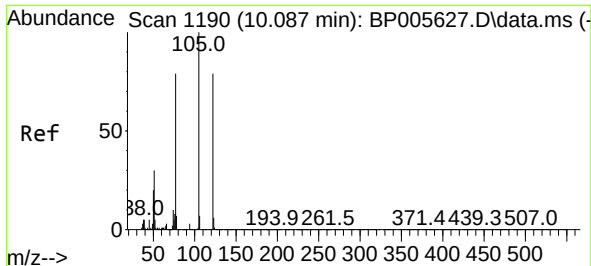
Tgt Ion: 82 Resp: 107996
Ion Ratio Lower Upper
82 100
128 44.2 30.5 45.7
54 43.9 33.9 50.9



#26
2-Nitrophenol
Concen: 4.18 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.018 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion: 139 Resp: 264
Ion Ratio Lower Upper
139 100
109 138.7 40.7 61.1#
65 156.3 47.8 71.6#

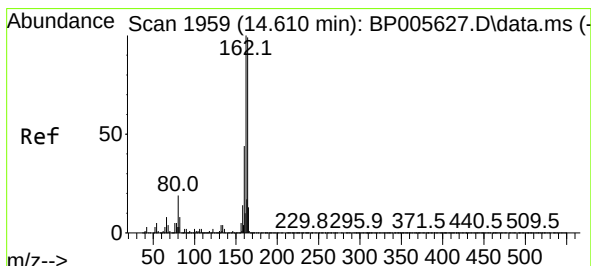
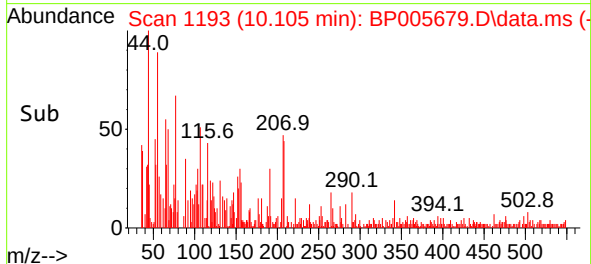
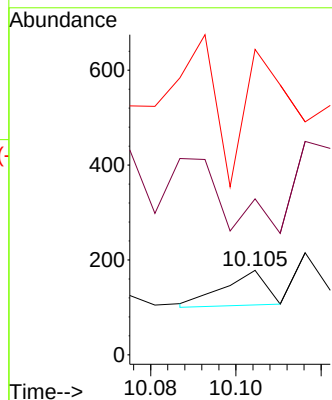
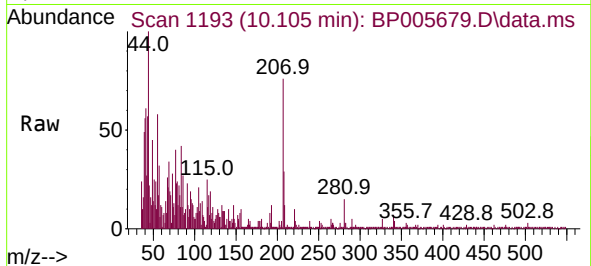




#32
Benzoic acid
Concen: 5.02 ng
RT: 10.105 min Scan# 1193
Delta R.T. 0.018 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

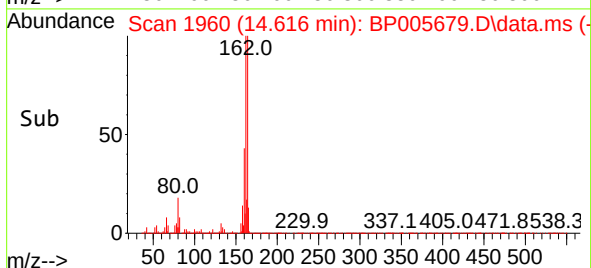
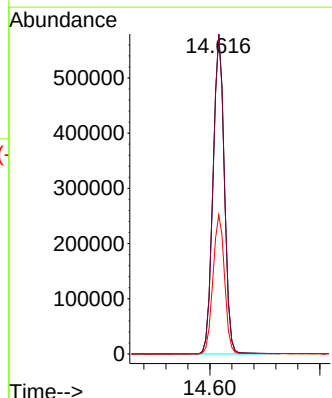
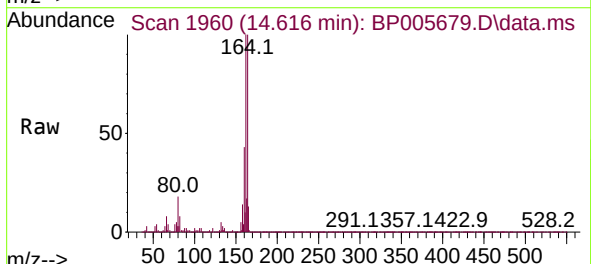
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

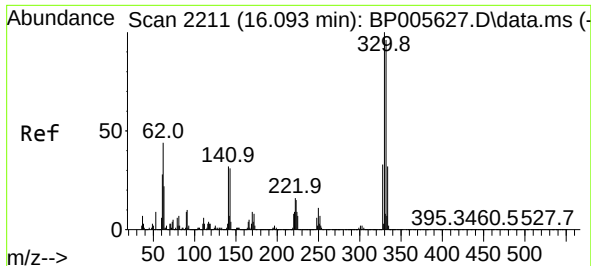
Tgt Ion:122 Resp: 51
Ion Ratio Lower Upper
122 100
105 184.8 105.1 145.1#
77 361.8 69.6 109.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:164 Resp: 827002
Ion Ratio Lower Upper
164 100
162 99.9 73.5 110.3
160 43.5 40.6 61.0

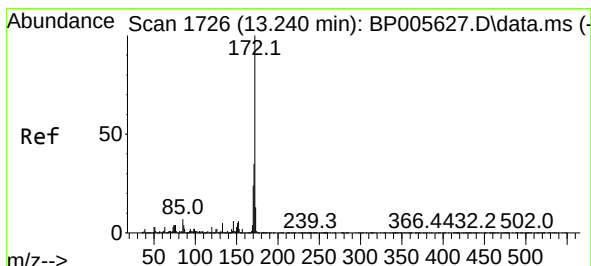
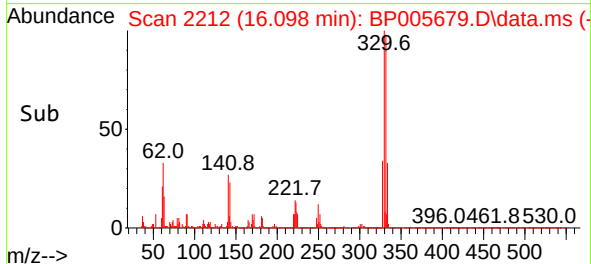
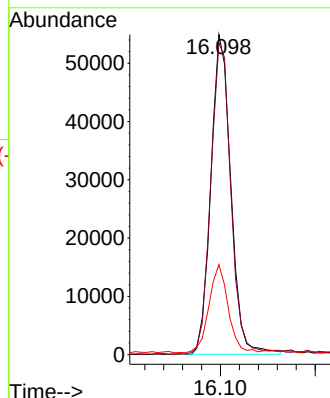
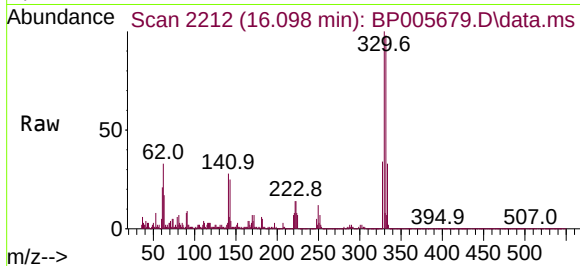




#42
2,4,6-Tribromophenol
Concen: 7.55 ng
RT: 16.098 min Scan# 2212
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

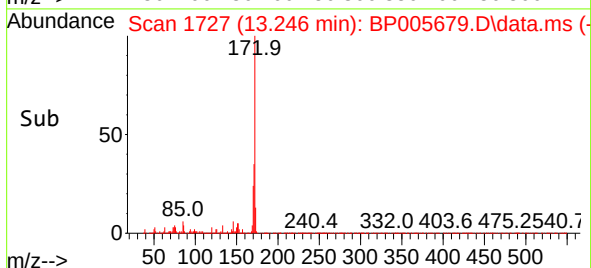
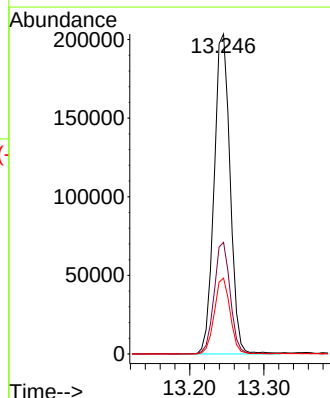
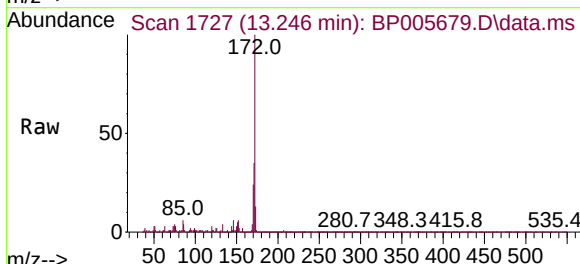
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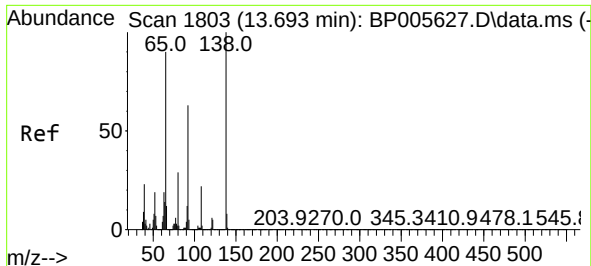
Tgt Ion: 330 Resp: 80106
Ion Ratio Lower Upper
330 100
332 99.0 76.3 114.5
141 26.5 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 4.89 ng
RT: 13.246 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion: 172 Resp: 305355
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.7 19.6 29.4

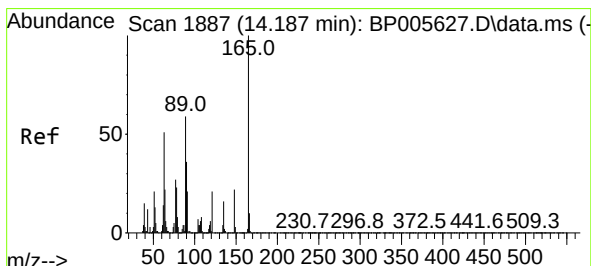
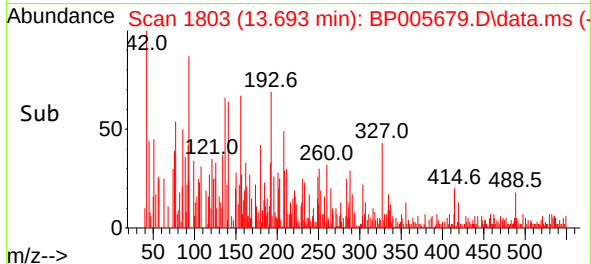
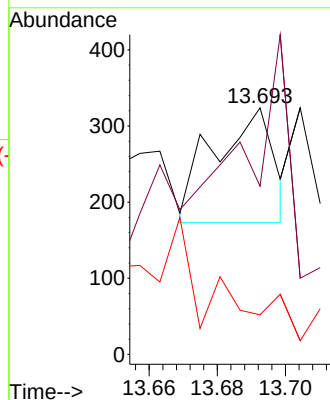
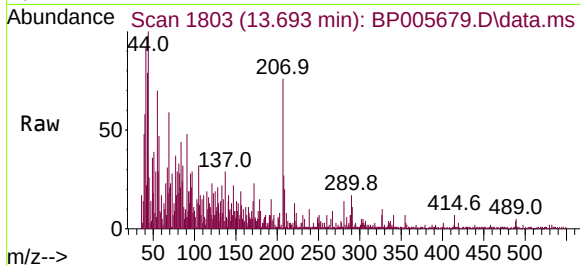




#48
2-Nitroaniline
Concen: 4.50 ng
RT: 13.693 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

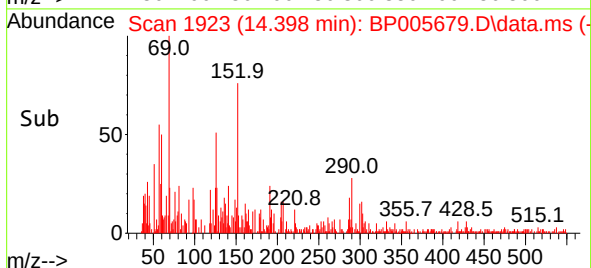
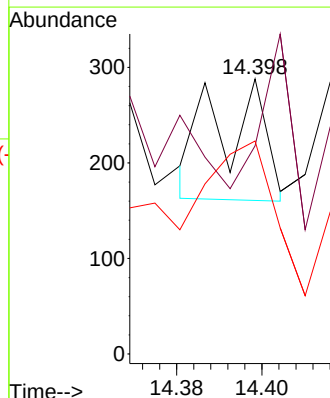
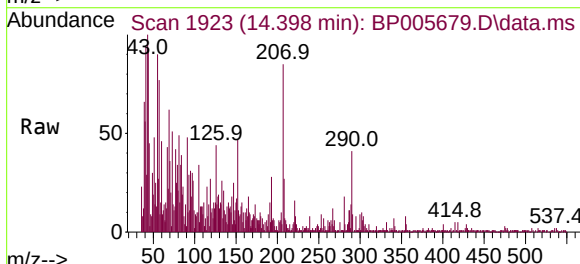
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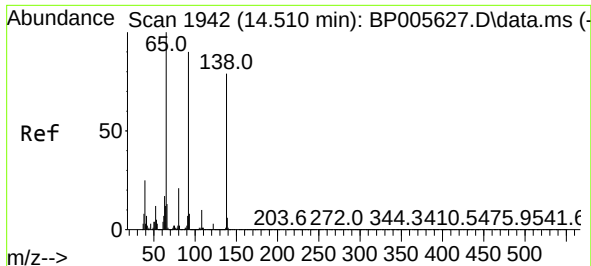
Tgt Ion:	65	Resp:	182
Ion Ratio	Lower	Upper	
65	100		
92	68.2	48.8	73.2
138	44.8	69.5	104.3



#51
2,6-Dinitrotoluene
Concen: 5.06 ng
RT: 14.398 min Scan# 1923
Delta R.T. 0.211 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:	165	Resp:	101
Ion Ratio	Lower	Upper	
165	100		
63	75.7	67.4	101.0
89	77.4	73.8	110.6

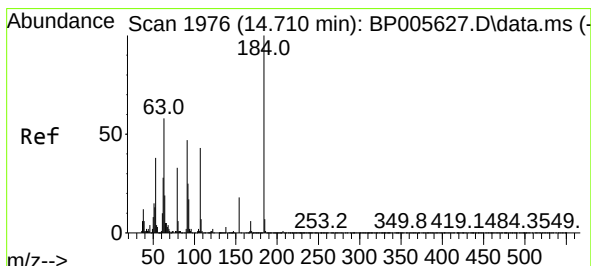
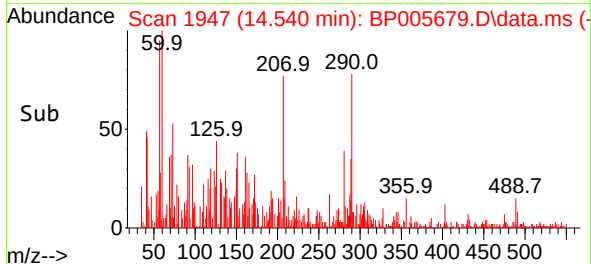
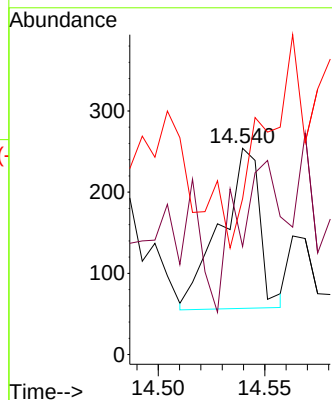
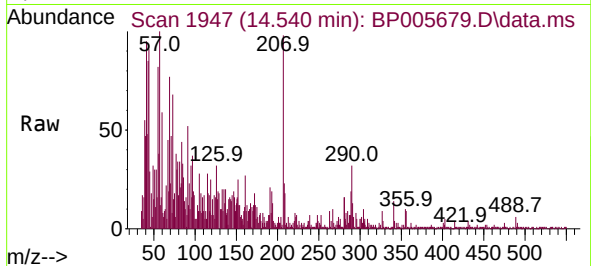




#53
3-Nitroaniline
Concen: 3.67 ng
RT: 14.540 min Scan# 1947
Delta R.T. 0.030 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

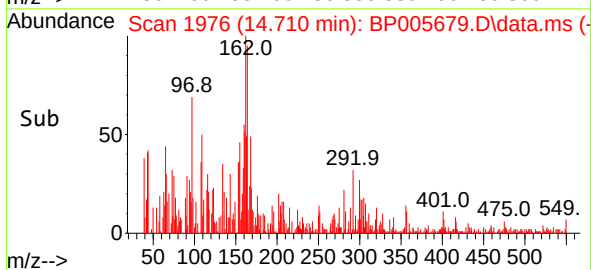
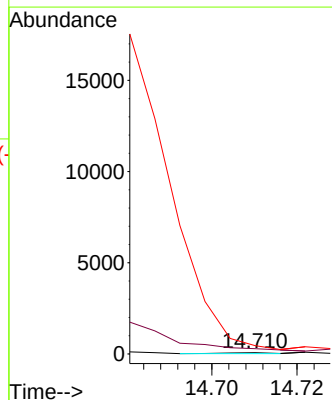
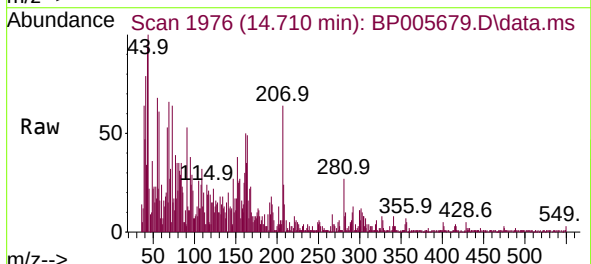
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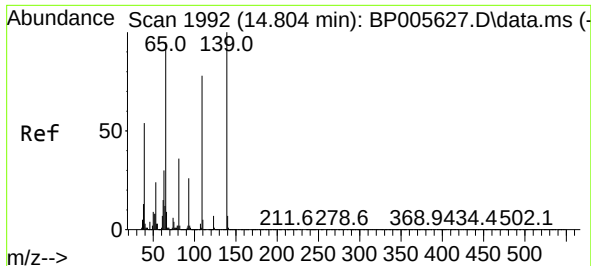
Tgt Ion:138 Resp: 251
Ion Ratio Lower Upper
138 100
108 52.4 10.2 15.4#
92 75.6 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 6.53 ng
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 410.0 51.2 76.8#
154 650.0 55.8 83.8#

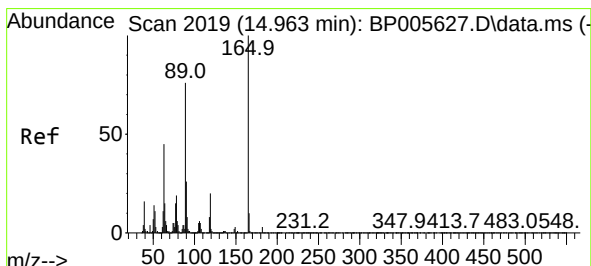
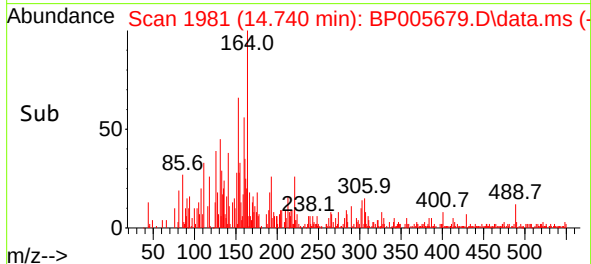
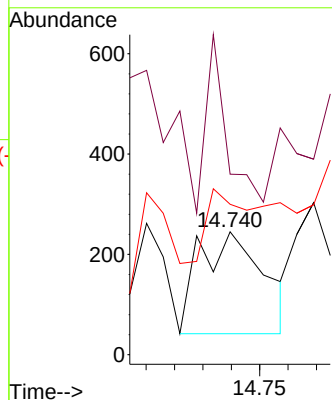
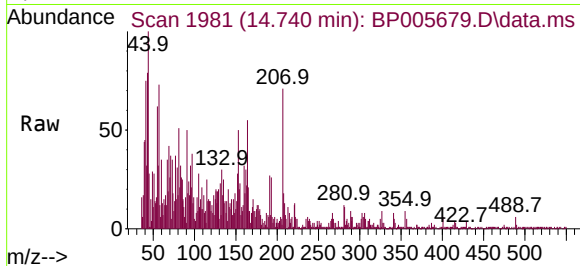




#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.740 min Scan# 1981
Delta R.T. -0.064 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

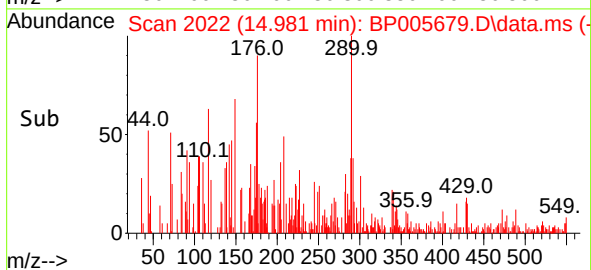
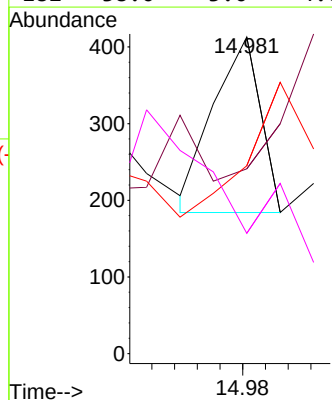
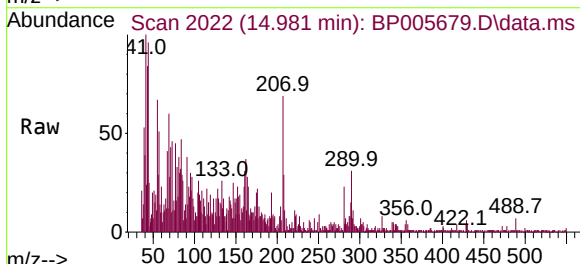
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

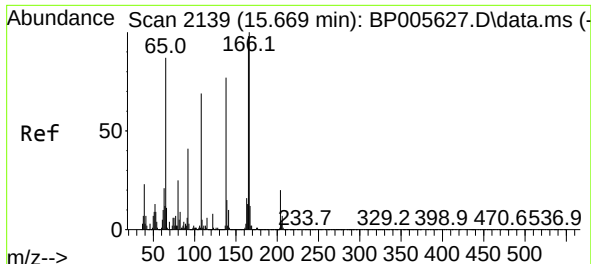
Tgt Ion:	139	Resp:	318
Ion	Ratio	Lower	Upper
139	100		
109	146.9	122.8	162.8
65	122.4	110.0	150.0



#57
2,4-Dinitrotoluene
Concen: 4.27 ng
RT: 14.981 min Scan# 2022
Delta R.T. 0.018 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:	165	Resp:	131
Ion	Ratio	Lower	Upper
165	100		
63	58.4	56.7	85.1
89	59.3	85.8	128.6#
182	38.0	3.0	4.6#

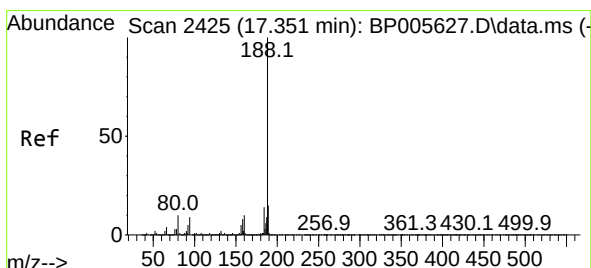
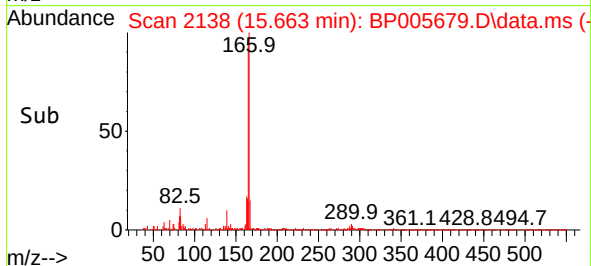
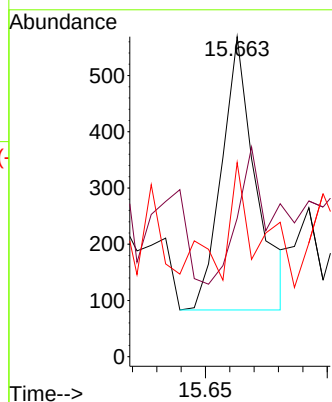
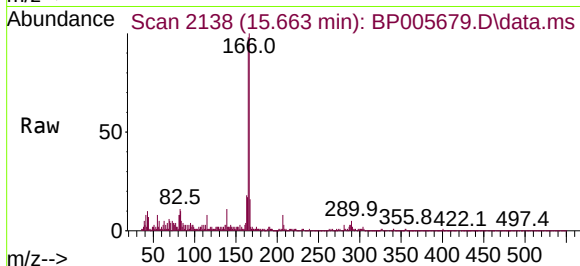




#62
4-Nitroaniline
Concen: 3.66 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

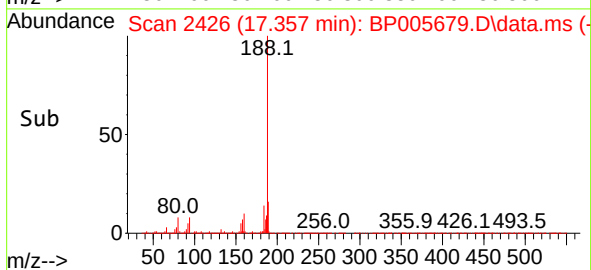
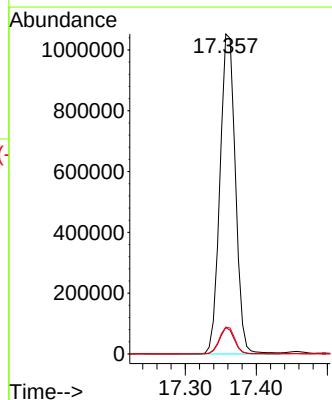
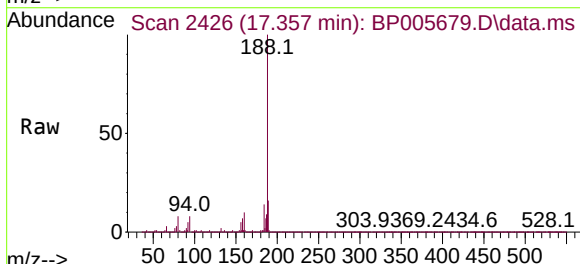
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

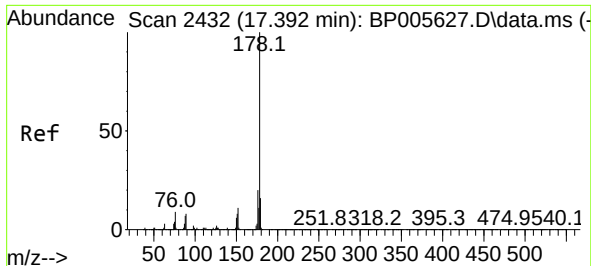
Tgt Ion:138 Resp: 474
Ion Ratio Lower Upper
138 100
92 43.2 50.9 90.9#
108 60.6 154.7 194.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.357 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:188 Resp: 1584481
Ion Ratio Lower Upper
188 100
94 8.3 5.0 7.6#
80 8.4 5.9 8.9

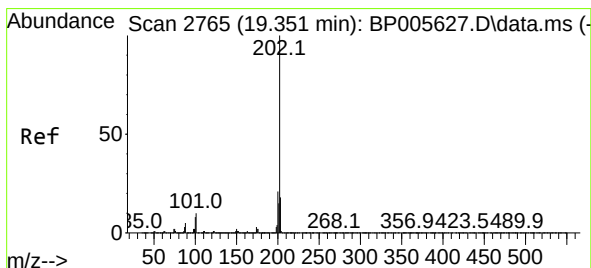
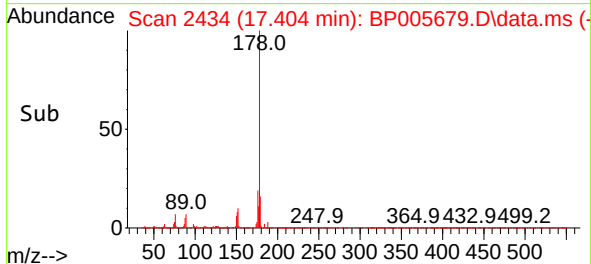
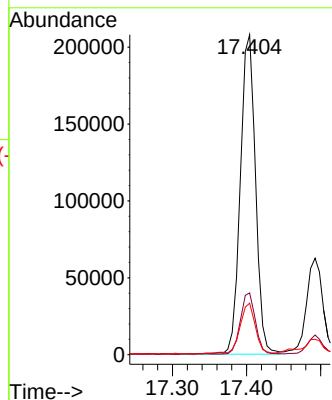
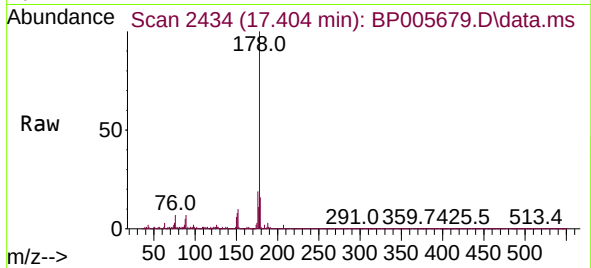




#71
Phenanthrene
Concen: 3.00 ng
RT: 17.404 min Scan# 2434
Delta R.T. 0.012 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

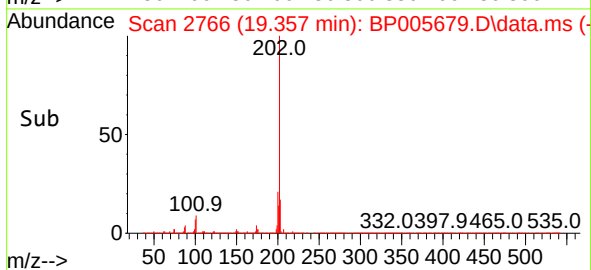
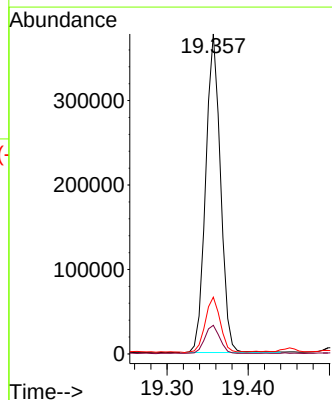
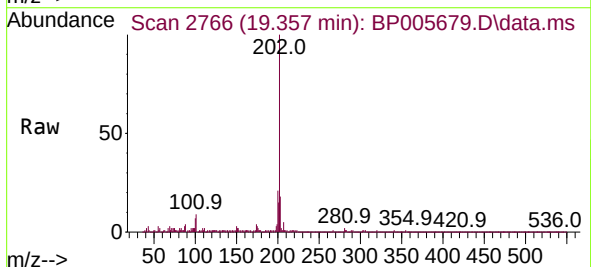
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

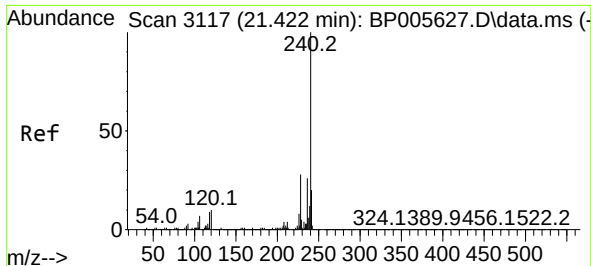
Tgt Ion:178 Resp: 296011
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.1 12.3 18.5



#75
Fluoranthene
Concen: 4.03 ng
RT: 19.357 min Scan# 2766
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:202 Resp: 477007
Ion Ratio Lower Upper
202 100
101 9.0 0.0 26.1
203 17.7 0.0 37.2

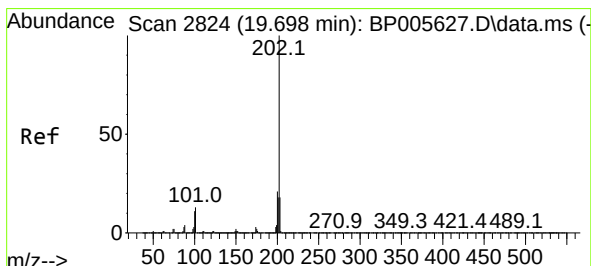
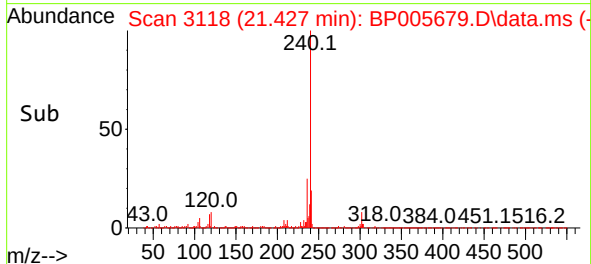
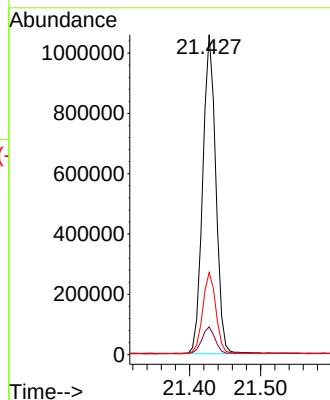
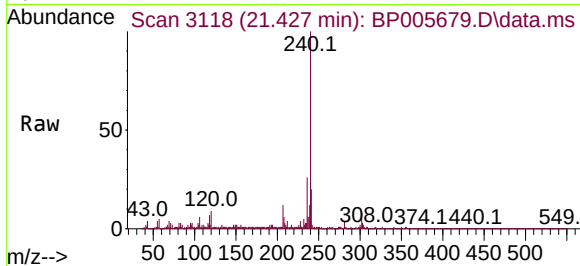




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.427 min Scan# 3118
Delta R.T. 0.005 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

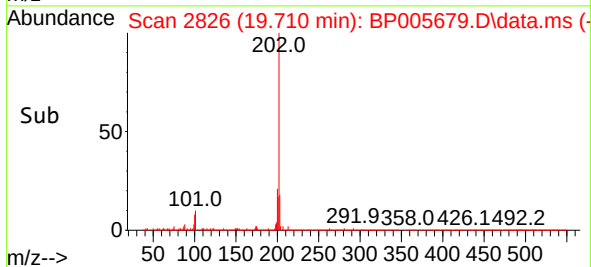
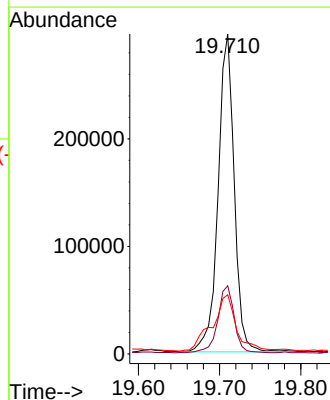
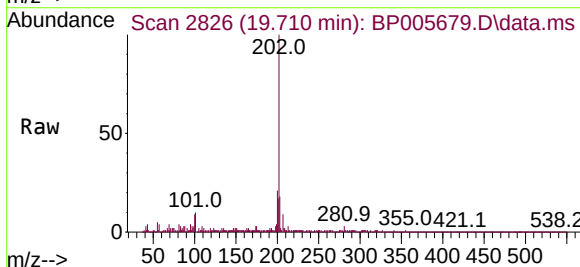
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

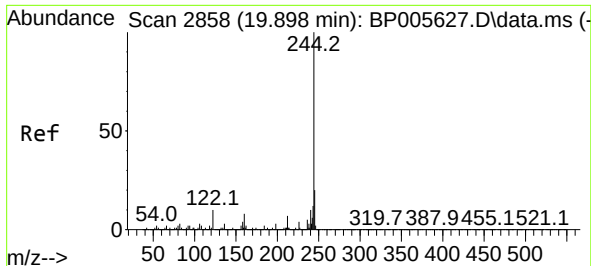
Tgt Ion:240 Resp: 1358040
Ion Ratio Lower Upper
240 100
120 8.7 4.2 6.2#
236 25.7 20.2 30.2



#78
Pyrene
Concen: 4.27 ng
RT: 19.710 min Scan# 2826
Delta R.T. 0.012 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:202 Resp: 409485
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 18.5 13.8 20.6

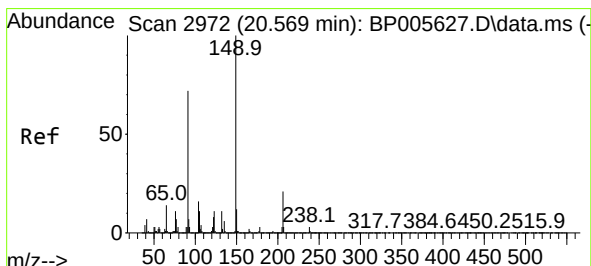
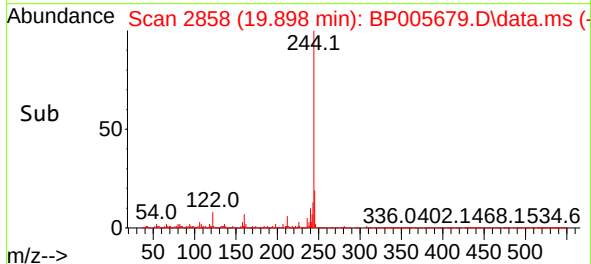
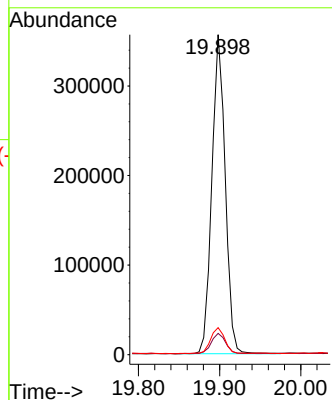
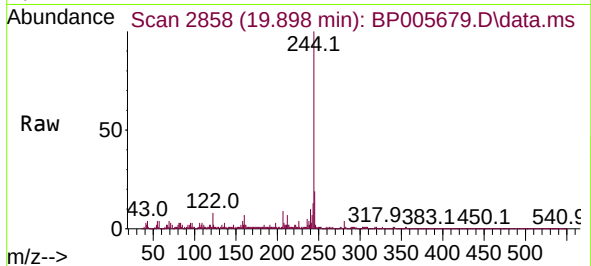




#79
 Terphenyl-d14
 Concen: 5.61 ng
 RT: 19.898 min Scan# 2858
 Delta R.T. -0.000 min
 Lab File: BP005679.D
 Acq: 02 Jun 2021 22:54

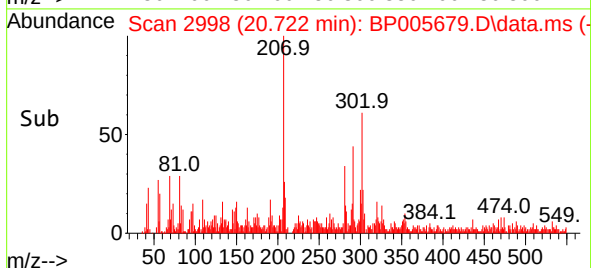
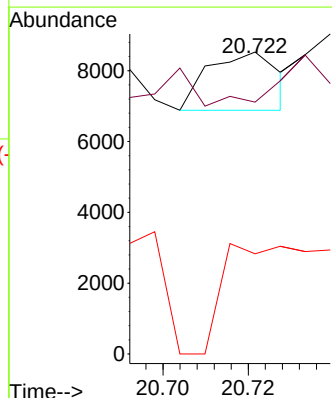
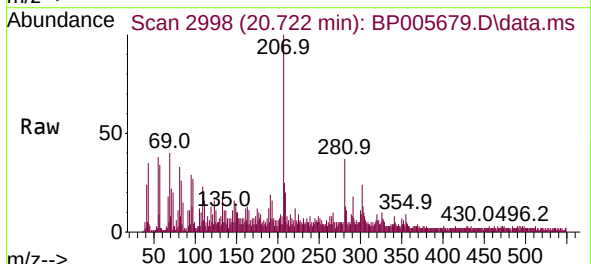
Instrument :
 BNA_P
 ClientSampleId :
 18-B1(2-4)

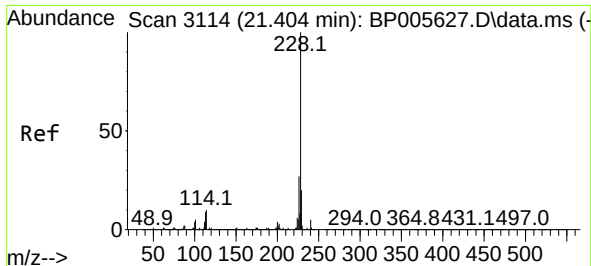
Tgt Ion:244 Resp: 405952
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 8.5 5.2 7.8#



#80
 Butylbenzylphthalate
 Concen: 4.17 ng
 RT: 20.722 min Scan# 2998
 Delta R.T. 0.153 min
 Lab File: BP005679.D
 Acq: 02 Jun 2021 22:54

Tgt Ion:149 Resp: 1879
 Ion Ratio Lower Upper
 149 100
 91 83.4 60.2 90.4
 206 33.2 23.9 35.9

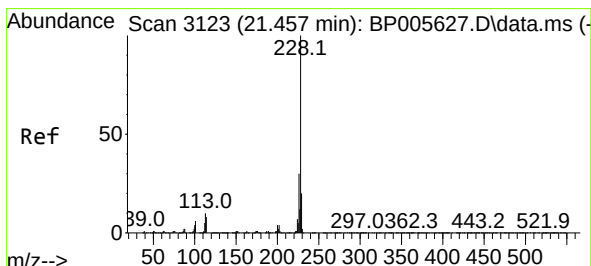
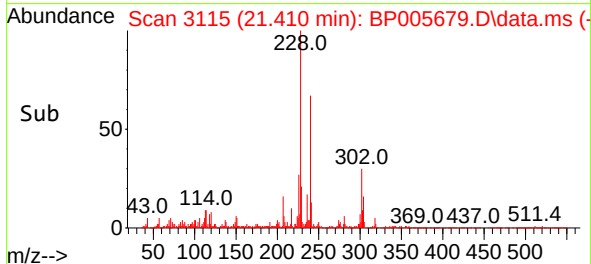
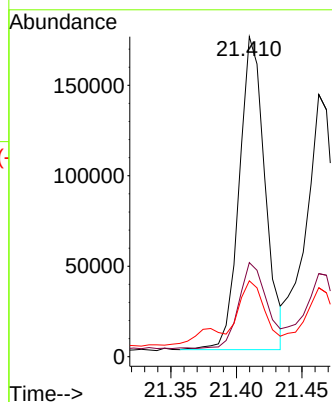
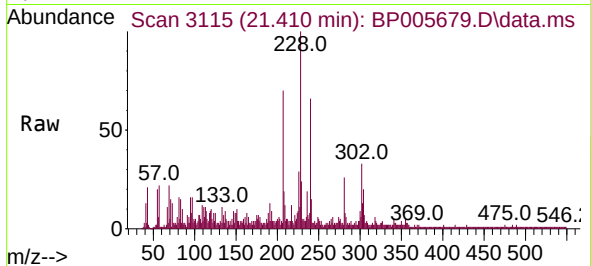




#81
Benzo(a)anthracene
Concen: 2.38 ng
RT: 21.410 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

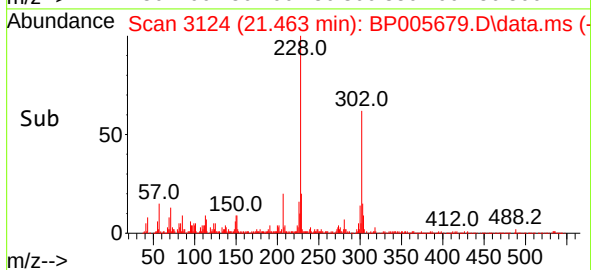
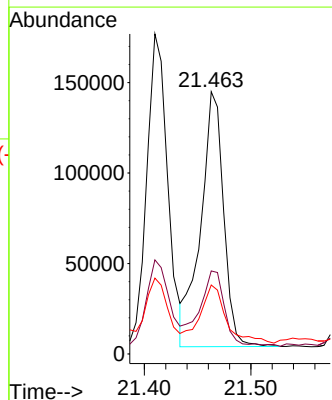
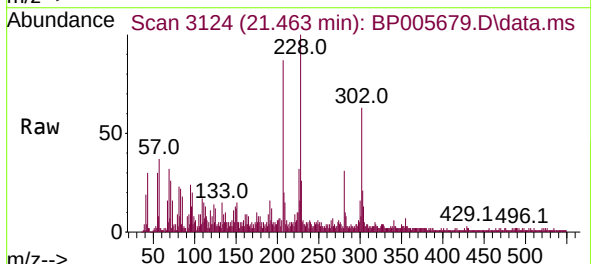
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

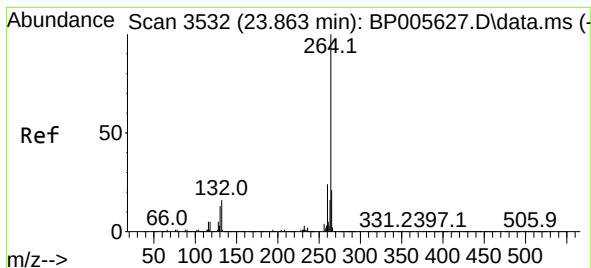
Tgt Ion:228 Resp: 237001
Ion Ratio Lower Upper
228 100
226 29.4 21.2 31.8
229 23.7 15.6 23.4#



#83
Chrysene
Concen: 2.20 ng
RT: 21.463 min Scan# 3124
Delta R.T. 0.006 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:228 Resp: 211908
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 26.3 15.4 23.0#

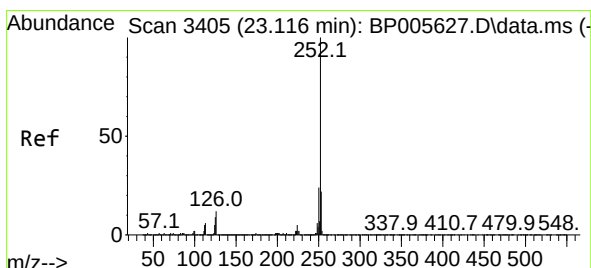
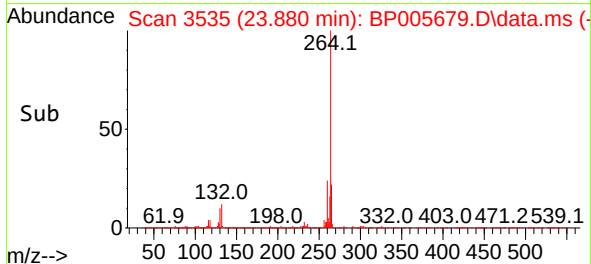
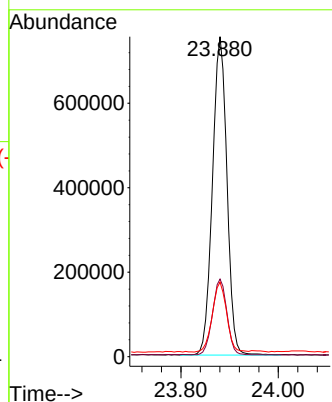
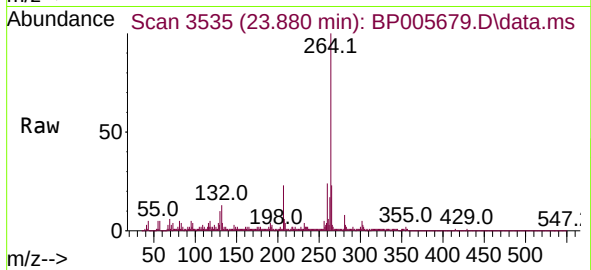




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.880 min Scan# 3535
Delta R.T. 0.018 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

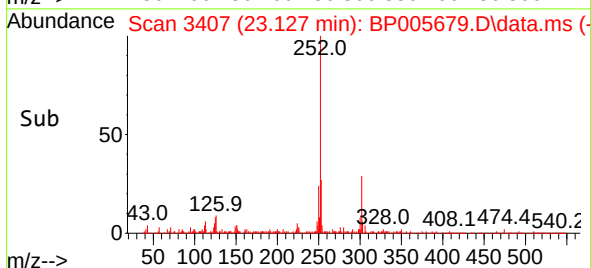
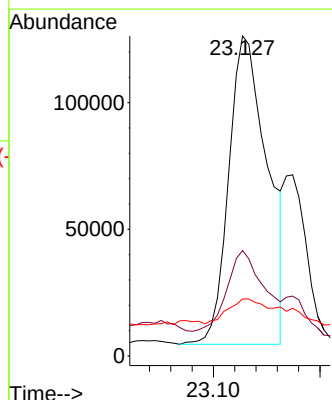
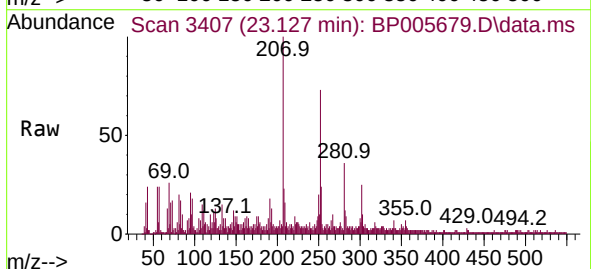
Instrument :
BNA_P
ClientSampleId :
18-B1(2-4)

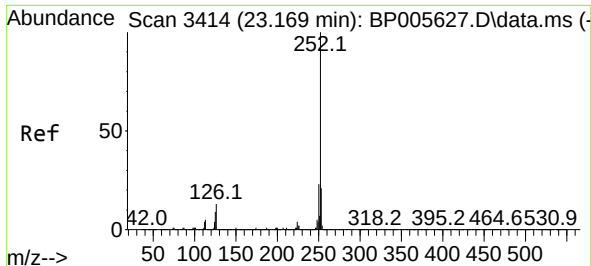
Tgt Ion:264 Resp: 1552993
Ion Ratio Lower Upper
264 100
260 24.3 20.6 30.8
265 23.3 19.0 28.6



#88
Benzo(b)fluoranthene
Concen: 2.72 ng
RT: 23.127 min Scan# 3407
Delta R.T. 0.012 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:252 Resp: 306998
Ion Ratio Lower Upper
252 100
253 32.9 18.2 27.2#
125 17.8 3.4 5.0#

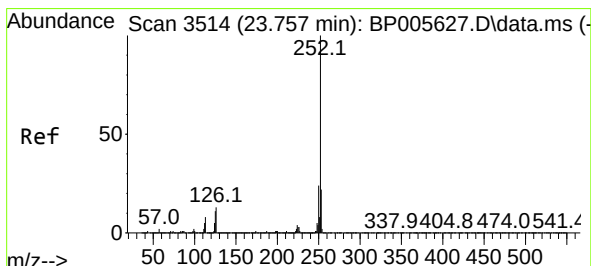
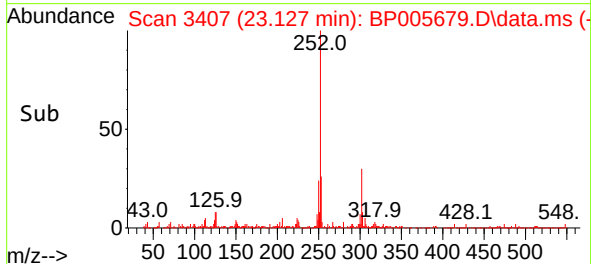
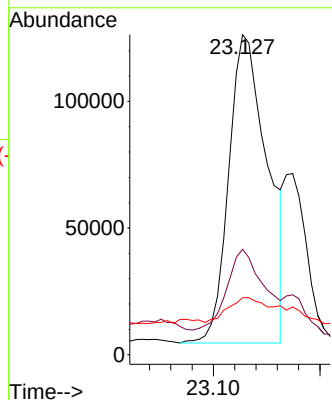
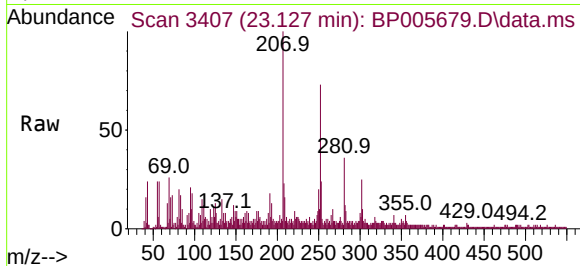




#89
Benzo(k)fluoranthene
Concen: 2.88 ng
RT: 23.127 min Scan# 3407
Delta R.T. -0.041 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

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

Tgt Ion:252 Resp: 306998
Ion Ratio Lower Upper
252 100
253 32.9 17.2 25.8#
125 17.8 3.8 5.6#



#90
Benzo(a)pyrene
Concen: 2.32 ng
RT: 23.768 min Scan# 3516
Delta R.T. 0.012 min
Lab File: BP005679.D
Acq: 02 Jun 2021 22:54

Tgt Ion:252 Resp: 237777
Ion Ratio Lower Upper
252 100
253 27.5 17.1 25.7#
125 18.7 3.8 5.6#

