

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007840.D
 Acq On : 04 Nov 2021 00:57
 Operator : CG/JU
 Sample : M4407-02 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 04 07:34:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	350071	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1310775	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	755837	20.000	ng	0.00
64) Phenanthrene-d10	17.333	188	1250869	20.000	ng	# 0.01
76) Chrysene-d12	21.439	240	1114420	20.000	ng	# 0.02
86) Perylene-d12	23.892	264	1243907	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	979772	47.465	ng	0.00
7) Phenol-d6	7.093	99	1167774	39.086	ng	0.00
23) Nitrobenzene-d5	9.081	82	737658	30.230	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	444478	41.205	ng	0.01
45) 2-Fluorobiphenyl	13.186	172	1551091	29.885	ng	0.00
79) Terphenyl-d14	19.904	244	1445525	26.413	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	170	Below Cal	#	1
3) Pyridine	3.781	79	49488	2.161	ng	# 37
10) Phenol	7.116	94	74829	2.623	ng	94
17) 2-Methylphenol	8.369	107	43457	2.203	ng	# 93
18) Hexachloroethane	9.028	117	45147	5.051	ng	# 15
20) 3+4-Methylphenols	8.693	107	159643	5.752	ng	94
27) 2,4-Dimethylphenol	9.904	122	78104	4.322	ng	85
31) Naphthalene	10.775	128	668658	10.084	ng	# 96
32) Benzoic acid	10.163	122	33163	2.129	ng	# 52
37) 2-Methylnaphthalene	12.386	142	287256	5.873	ng	# 87
38) 1-Methylnaphthalene	12.604	142	497794	10.388	ng	# 100
49) Acenaphthylene	14.286	152	1738741	26.107	ng	# 81
52) Acenaphthene	14.628	154	919577	22.861	ng	99
55) Dibenzofuran	14.963	168	482556	7.092	ng	# 1
56) 4-Nitrophenol	14.563	139	35429	3.241	ng	92
57) 2,4-Dinitrotoluene	14.969	165	233618	14.066	ng	# 59
58) Fluorene	15.651	166	523812	10.149	ng	# 34
63) Azobenzene	15.704	77	98612	2.063	ng	81
65) 4,6-Dinitro-2-methylph...	15.869	198	69293	8.460	ng	82
66) n-Nitrosodiphenylamine	15.839	169	759844	21.337	ng	# 74
69) Atrazine	16.951	200	89288	6.548	ng	81
71) Phenanthrene	17.474	178	8430211	128.202	ng	97
72) Anthracene	17.474	178	8430211	130.270	ng	96
73) Carbazole	17.739	167	514776	8.003	ng	# 55
75) Fluoranthene	19.374	202	6790282	81.859	ng	92
78) Pyrene	19.721	202	9774381	143.001	ng	# 92
81) Benzo(a)anthracene	21.421	228	6623542	90.216	ng	# 87
82) 3,3'-Dichlorobenzidine	21.333	252	59233	2.403	ng	# 53
83) Chrysene	21.474	228	5762668	82.911	ng	# 89
87) Indeno(1,2,3-cd)pyrene	26.468	276	1141795	12.314	ng	# 92
88) Benzo(b)fluoranthene	23.151	252	4441725	60.576	ng	95
89) Benzo(k)fluoranthene	23.151	252	4441725	61.034	ng	95
90) Benzo(a)pyrene	23.786	252	3667471	57.764	ng	# 92
91) Dibenzo(a,h)anthracene	26.468	278	563819	7.337	ng	# 50
92) Benzo(g,h,i)perylene	27.256	276	1257343	16.492	ng	96

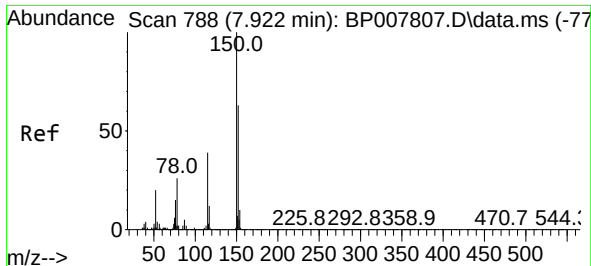
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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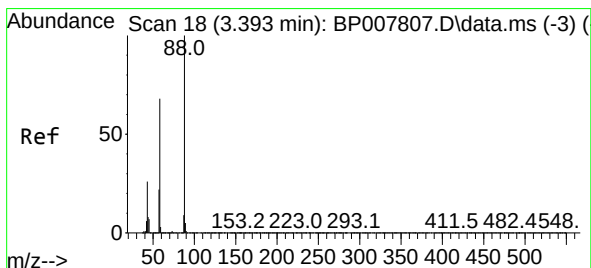
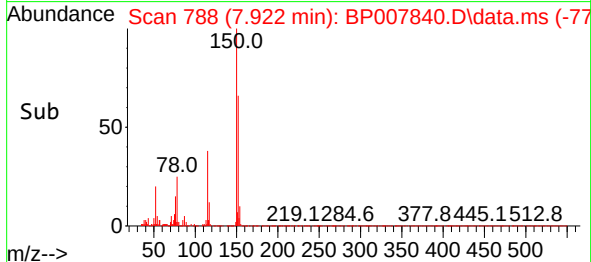
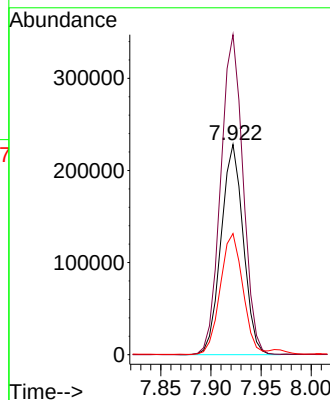
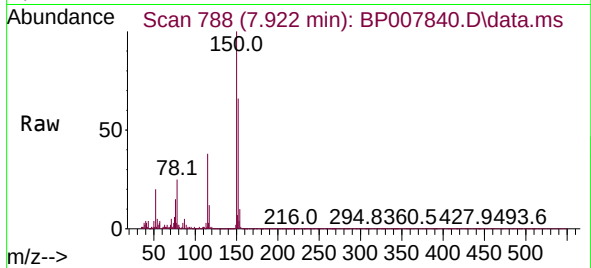
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BP007840.D
 Acq: 04 Nov 2021 00:57

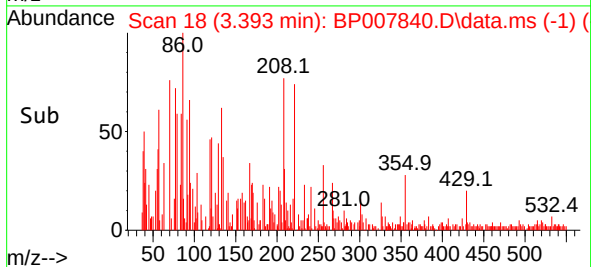
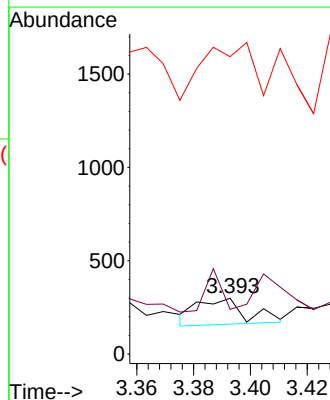
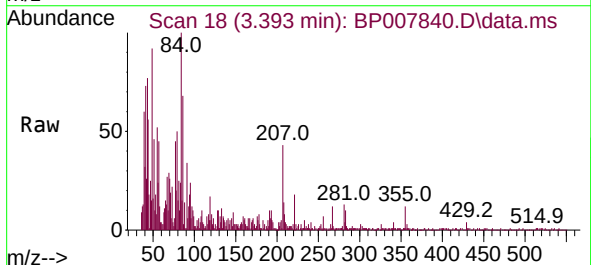
Instrument :
 BNA_P
 ClientSampleId :

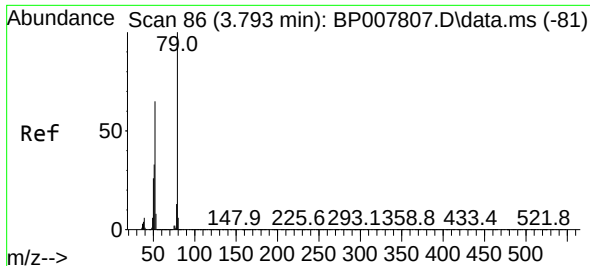
Tgt Ion:152 Resp: 350071
 Ion Ratio Lower Upper
 152 100
 150 152.2 124.1 186.1
 115 57.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.393 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BP007840.D
 Acq: 04 Nov 2021 00:57

Tgt Ion: 88 Resp: 170
 Ion Ratio Lower Upper
 88 100
 58 75.9 58.1 87.1
 43 392.9 22.2 33.4#

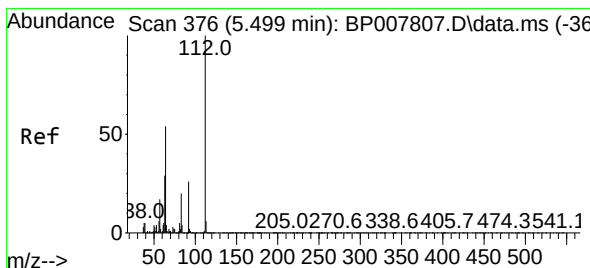
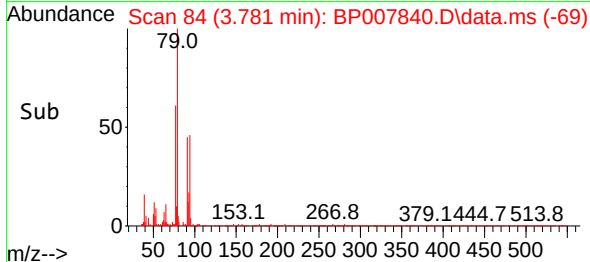
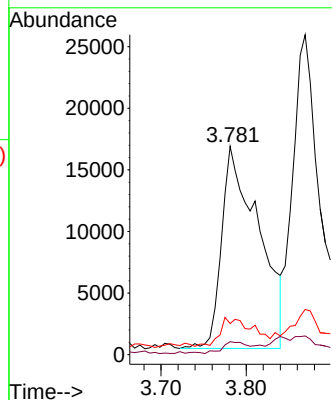
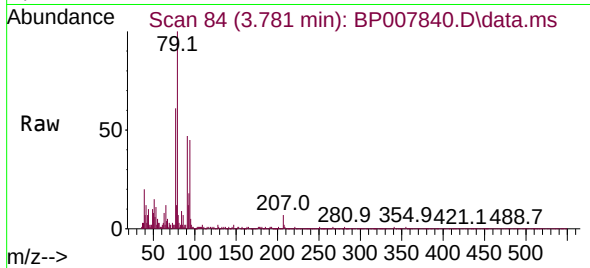




#3
Pyridine
Concen: 2.161 ng
RT: 3.781 min Scan# 84
Delta R.T. -0.012 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

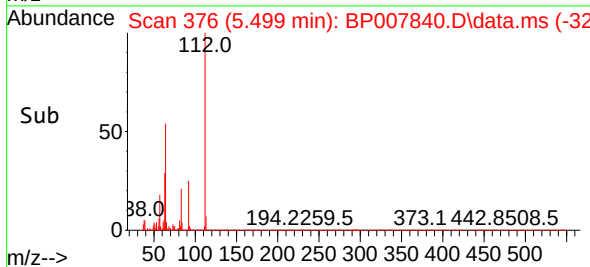
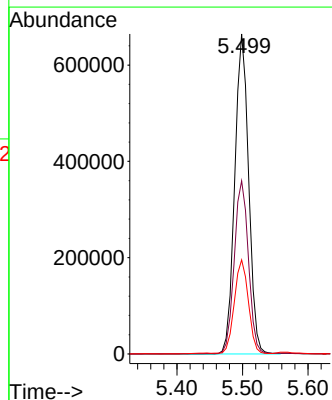
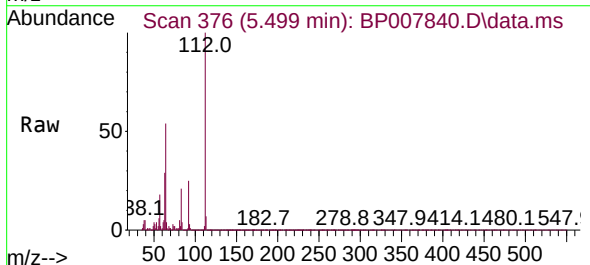
Instrument :
BNA_P
ClientSampleId :

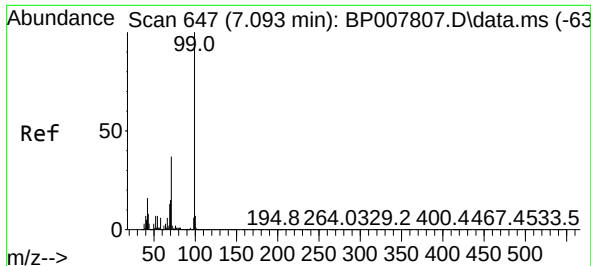
Tgt Ion: 79 Resp: 49488
Ion Ratio Lower Upper
79 100
52 6.2 55.7 83.5#
51 14.9 28.5 42.7#



#5
2-Fluorophenol
Concen: 47.465 ng
RT: 5.499 min Scan# 376
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion: 112 Resp: 979772
Ion Ratio Lower Upper
112 100
64 54.1 46.6 70.0
63 29.4 25.0 37.6





#7

Phenol-d6

Concen: 39.086 ng

RT: 7.093 min Scan# 647

Delta R.T. -0.000 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

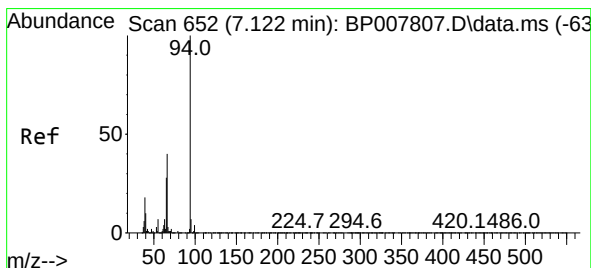
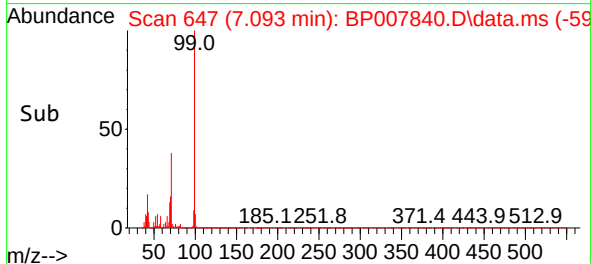
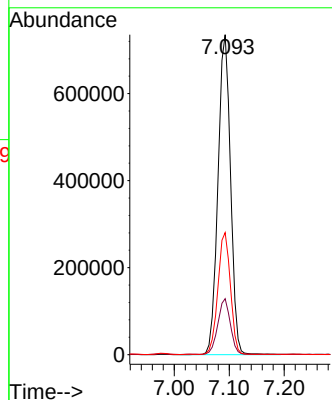
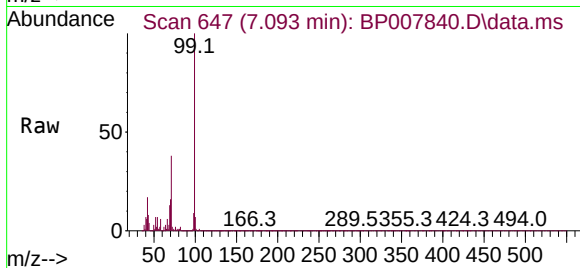
Instrument :

BNA_P

ClientSampleId :

Tgt Ion: 99 Resp: 1167774

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.9	22.3
71	38.2	29.2	43.8



#10

Phenol

Concen: 2.623 ng

RT: 7.116 min Scan# 651

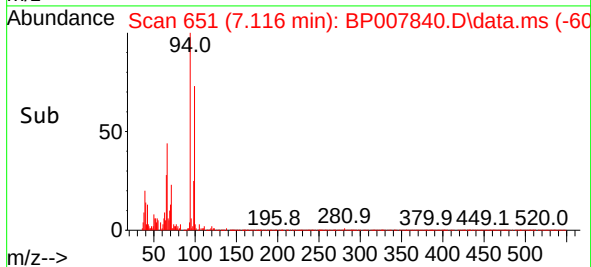
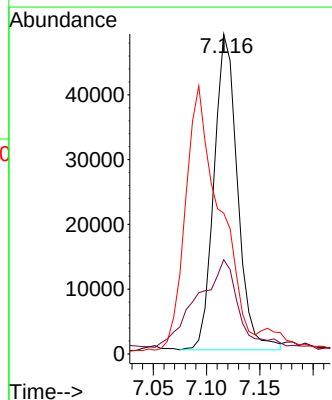
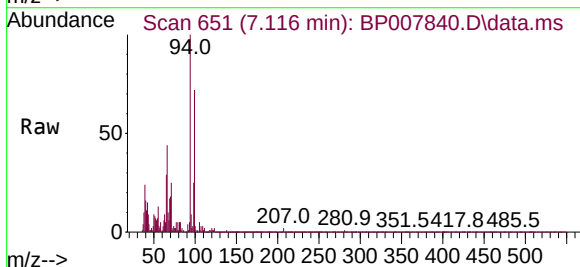
Delta R.T. -0.006 min

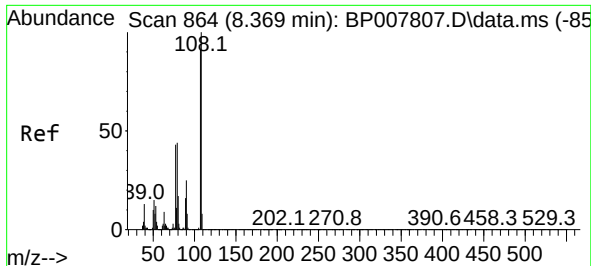
Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Tgt Ion: 94 Resp: 74829

Ion	Ratio	Lower	Upper
94	100		
65	29.5	8.2	48.2
66	44.0	18.8	58.8





#17

2-Methylphenol

Concen: 2.203 ng

RT: 8.369 min Scan# 80

Delta R.T. -0.000 min

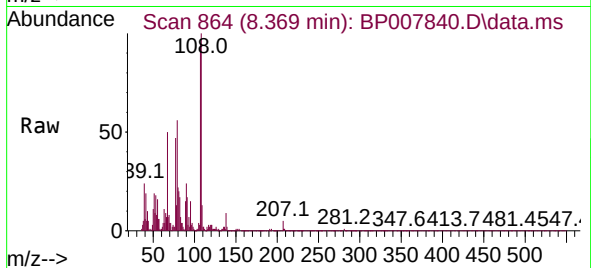
Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:107 Resp: 43457

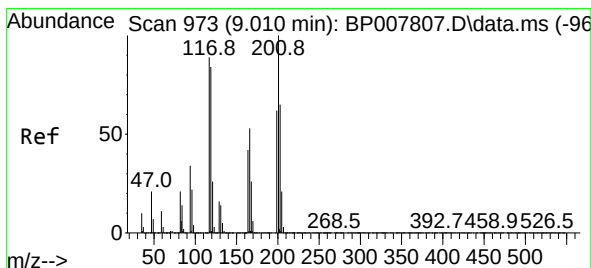
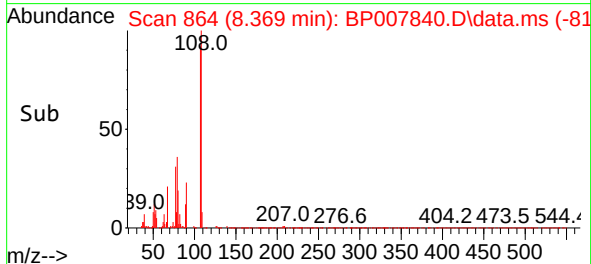
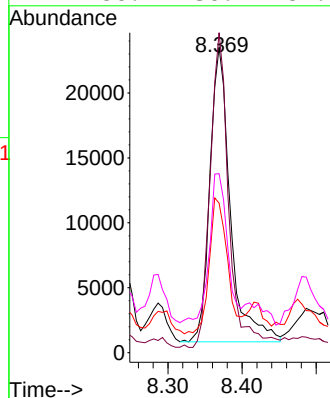
Ion Ratio Lower Upper

107 100

108 104.8 89.2 133.8

77 49.0 38.5 57.7

79 58.7 38.4 57.6#



#18

Hexachloroethane

Concen: 5.051 ng

RT: 9.028 min Scan# 976

Delta R.T. 0.017 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

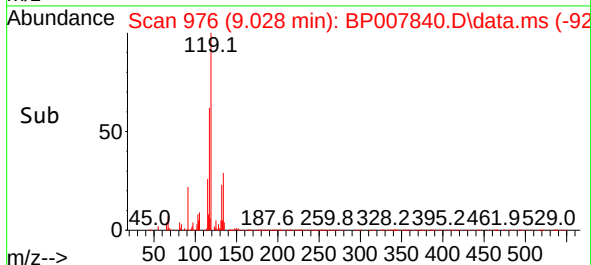
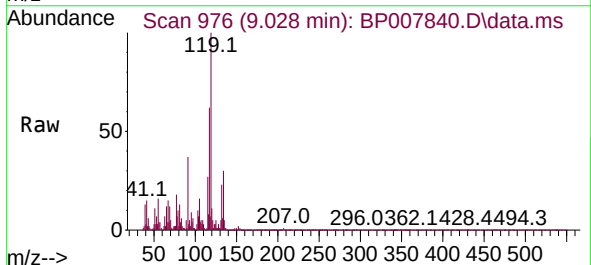
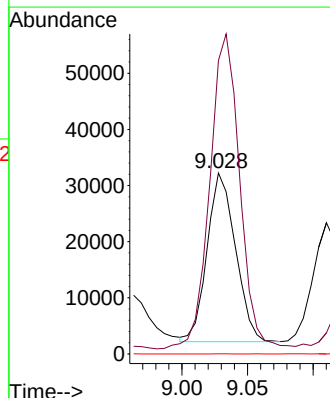
Tgt Ion:117 Resp: 45147

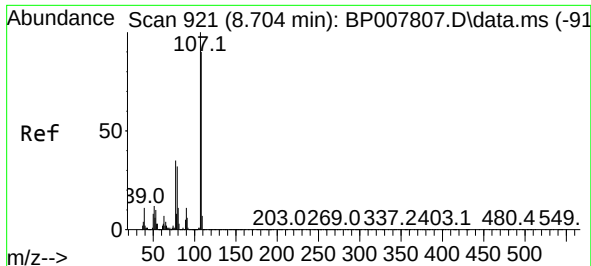
Ion Ratio Lower Upper

117 100

119 162.2 77.6 116.4#

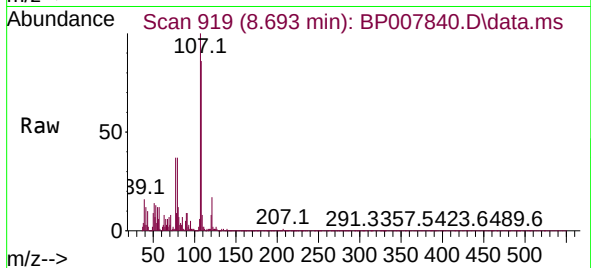
201 0.0 82.9 124.3#



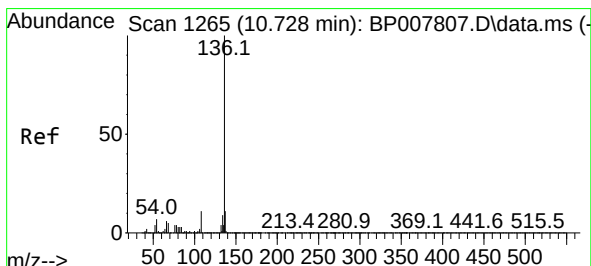
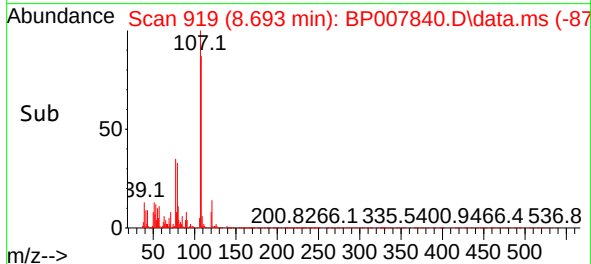
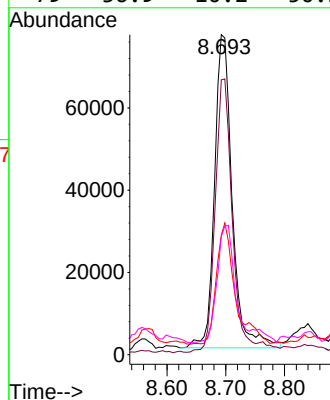


#20
3+4-Methylphenols
Concen: 5.752 ng
RT: 8.693 min Scan# 919
Delta R.T. -0.012 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Instrument :
BNA_P
ClientSampleId :

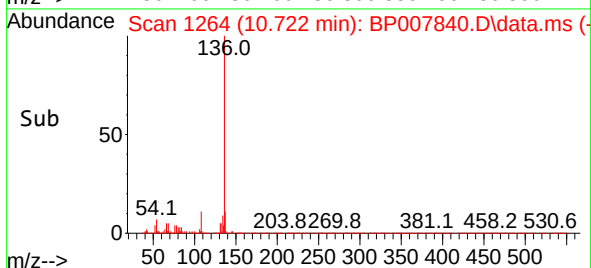
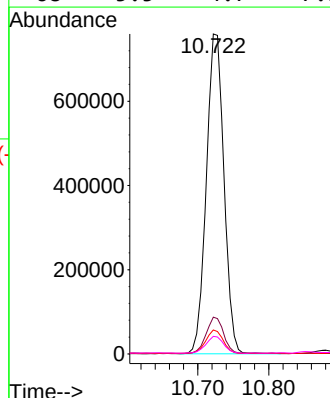
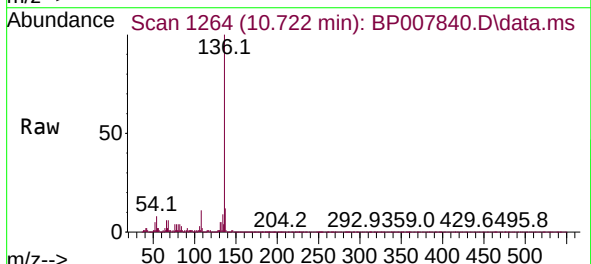


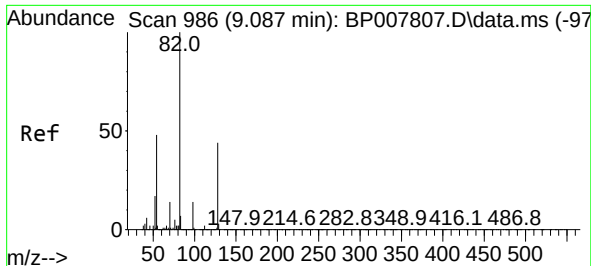
Tgt Ion:107 Resp: 159643
Ion Ratio Lower Upper
107 100
108 85.9 69.2 109.2
77 37.4 13.8 53.8
79 36.9 10.2 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:136 Resp: 1310775
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 7.5 6.2 9.4
68 5.5 4.7 7.1

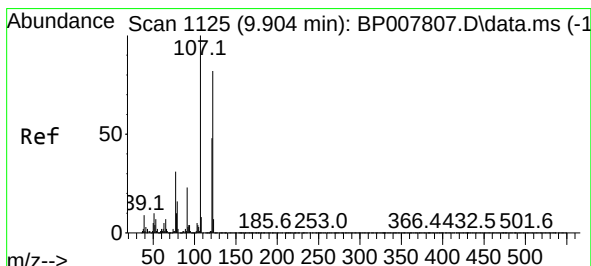
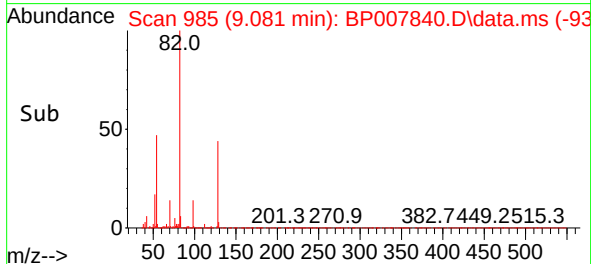
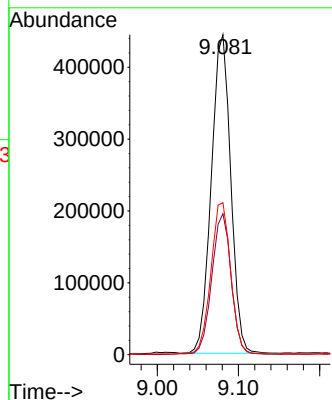
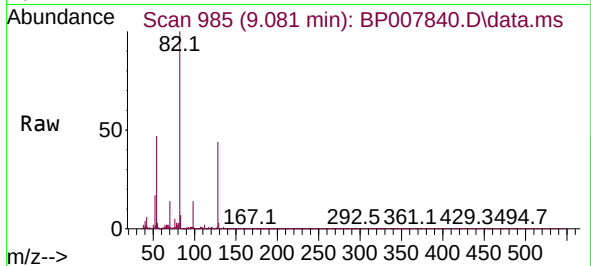




#23
Nitrobenzene-d5
Concen: 30.230 ng
RT: 9.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

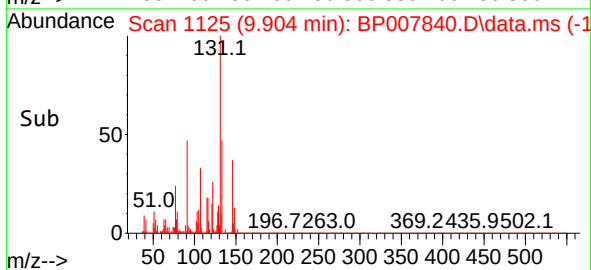
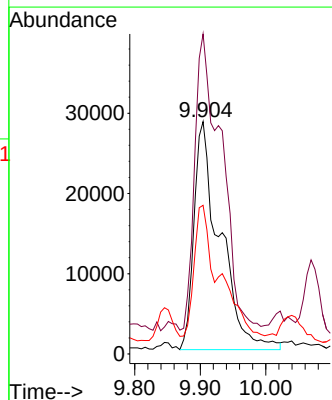
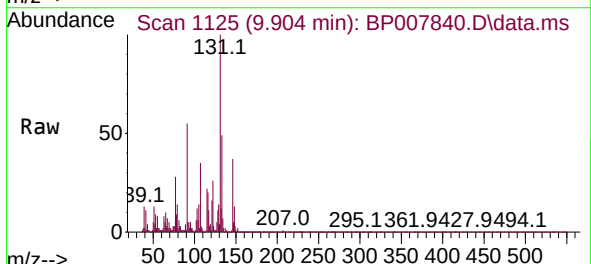
Instrument :
BNA_P
ClientSampleId :

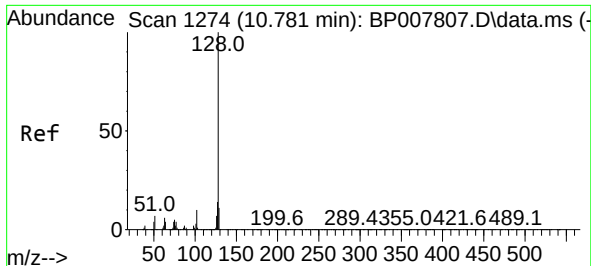
Tgt Ion: 82 Resp: 737658
Ion Ratio Lower Upper
82 100
128 44.1 32.6 48.8
54 47.5 40.4 60.6



#27
2,4-Dimethylphenol
Concen: 4.322 ng
RT: 9.904 min Scan# 1125
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion: 122 Resp: 78104
Ion Ratio Lower Upper
122 100
107 137.7 93.8 140.6
121 64.0 47.0 70.4

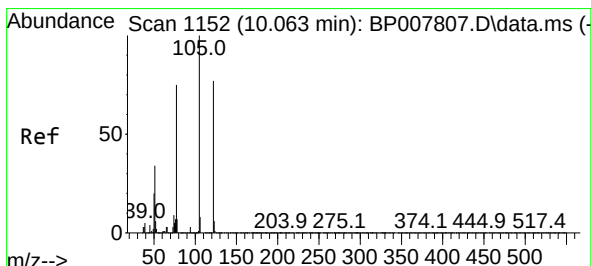
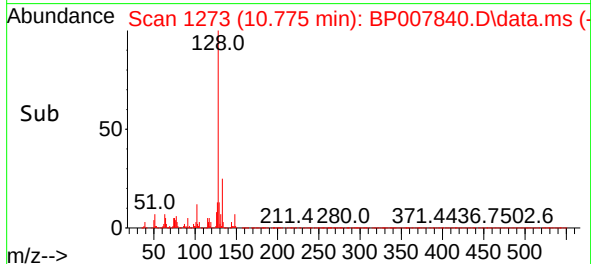
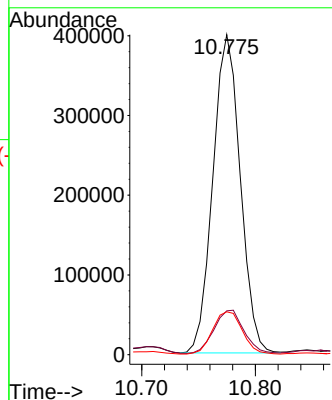
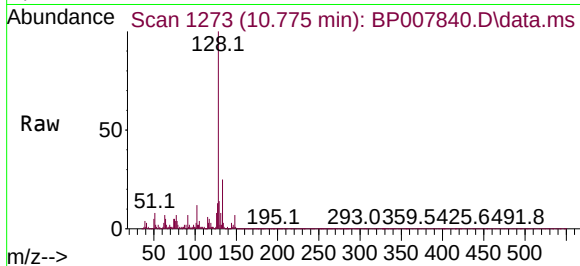




#31
Naphthalene
Concen: 10.084 ng
RT: 10.775 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

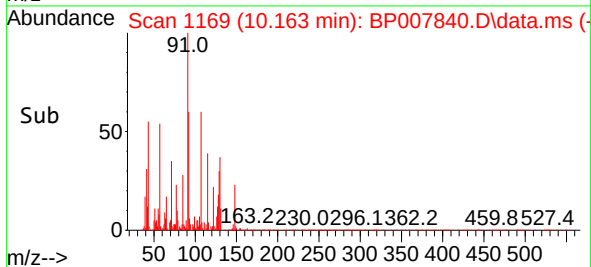
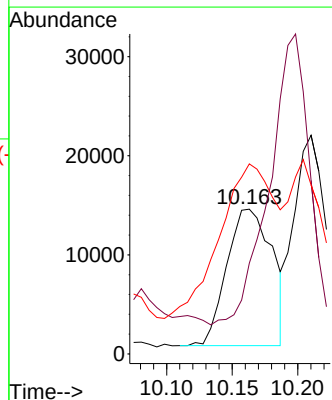
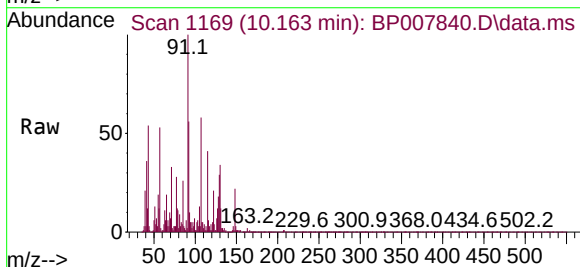
Instrument :
BNA_P
ClientSampleId :

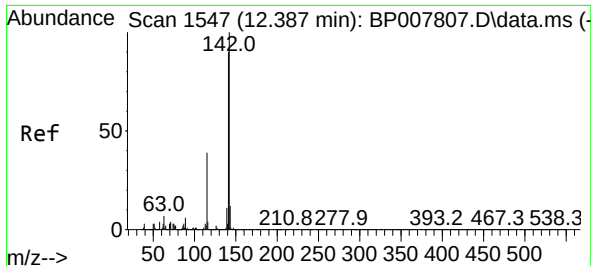
Tgt Ion:128 Resp: 668658
Ion Ratio Lower Upper
128 100
129 13.7 8.9 13.3#
127 13.4 10.2 15.4



#32
Benzoic acid
Concen: 2.129 ng
RT: 10.163 min Scan# 1169
Delta R.T. 0.100 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:122 Resp: 33163
Ion Ratio Lower Upper
122 100
105 62.7 105.9 145.9#
77 131.3 74.6 114.6#

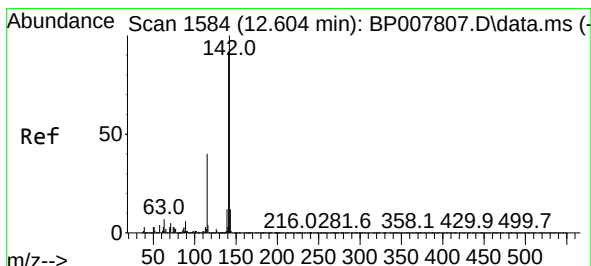
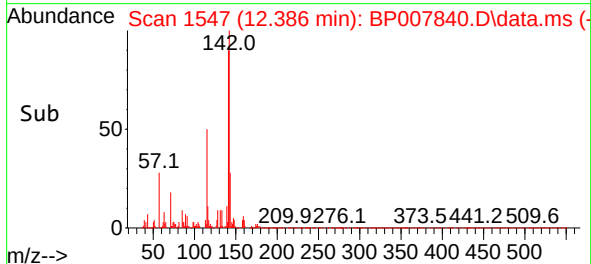
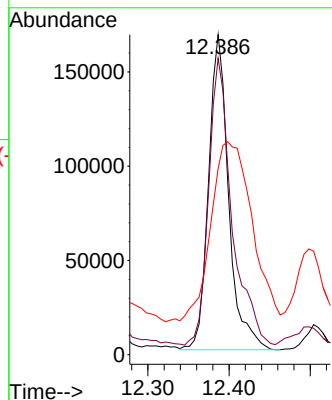
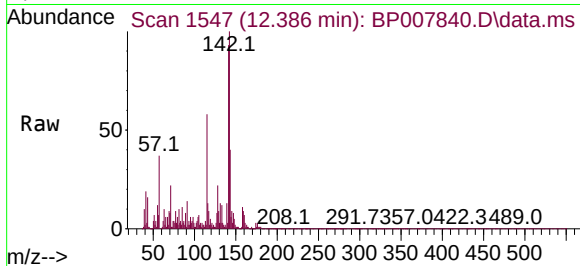




#37
2-Methylnaphthalene
Concen: 5.873 ng
RT: 12.386 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

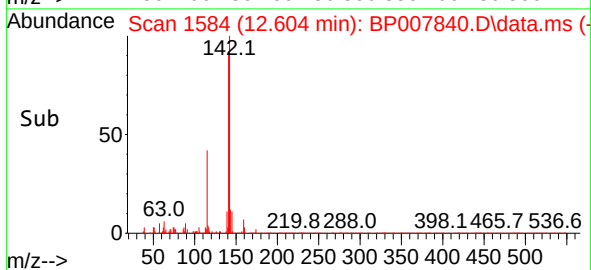
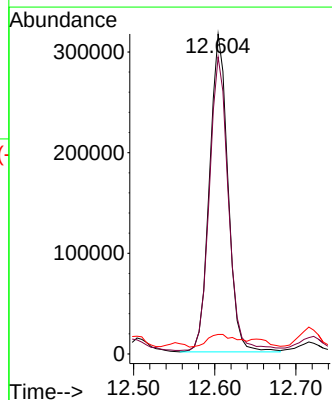
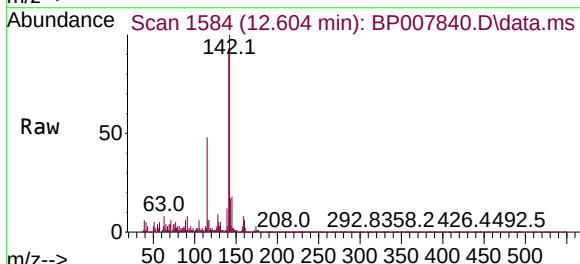
Instrument :
BNA_P
ClientSampleId :

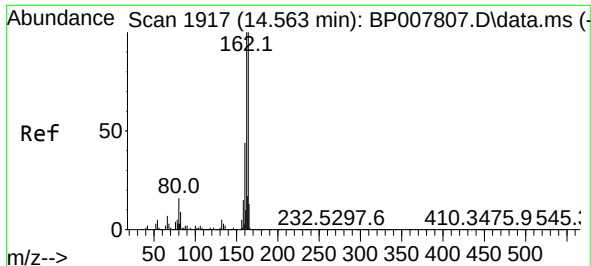
Tgt Ion:142 Resp: 287256
Ion Ratio Lower Upper
142 100
141 92.6 71.4 107.0
115 58.1 29.5 44.3#



#38
1-Methylnaphthalene
Concen: 10.388 ng
RT: 12.604 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:142 Resp: 497794
Ion Ratio Lower Upper
142 100
141 92.9 74.4 111.6
116 6.1 3.4 5.0#

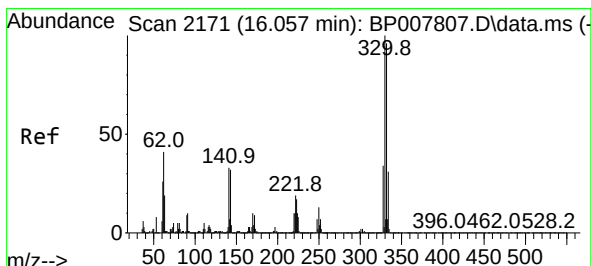
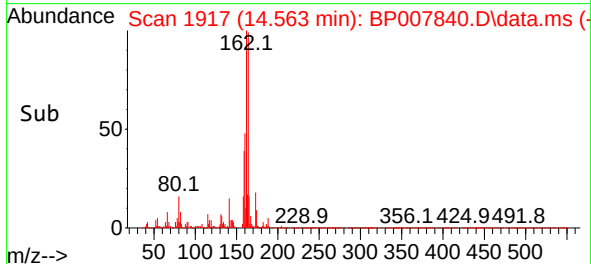
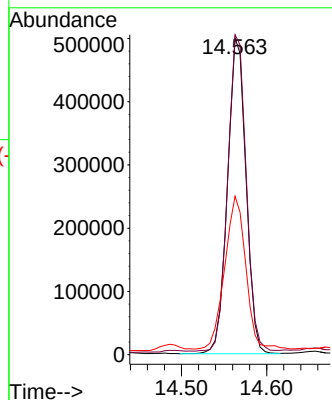
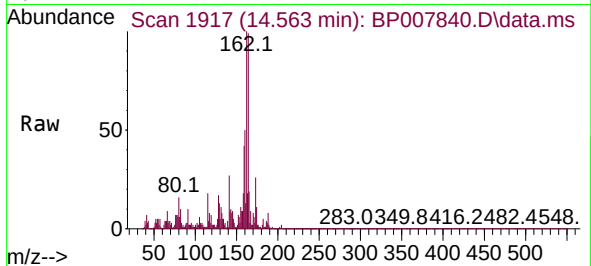




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

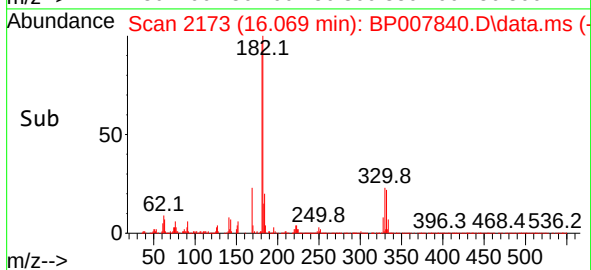
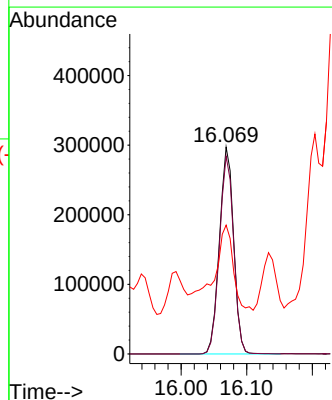
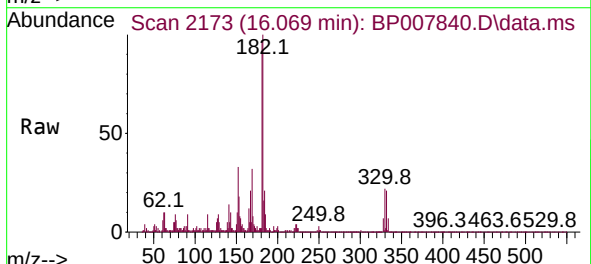
Instrument :
BNA_P
ClientSampleId :

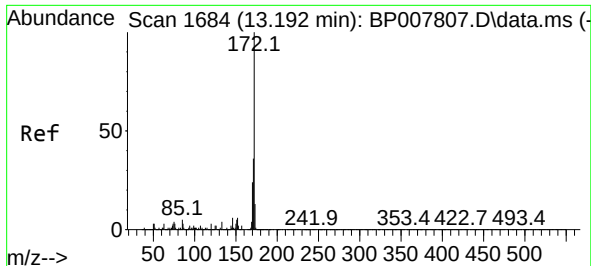
Tgt Ion:164 Resp: 755837
Ion Ratio Lower Upper
164 100
162 101.0 81.1 121.7
160 50.0 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 41.205 ng
RT: 16.069 min Scan# 2173
Delta R.T. 0.012 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:330 Resp: 444478
Ion Ratio Lower Upper
330 100
332 95.9 78.9 118.3
141 55.4 30.7 46.1#

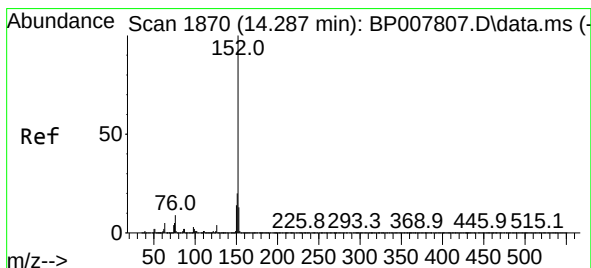
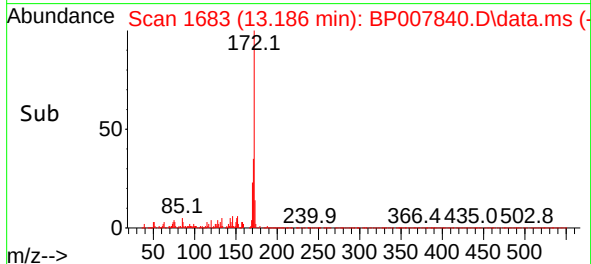
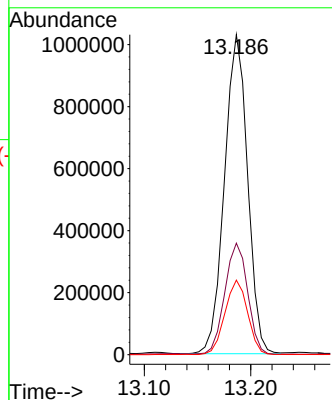
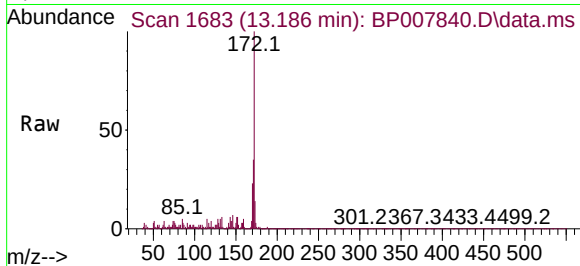




#45
2-Fluorobiphenyl
Concen: 29.885 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

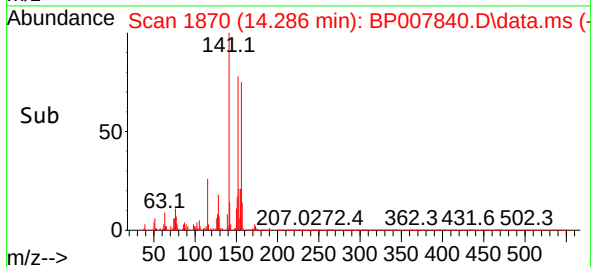
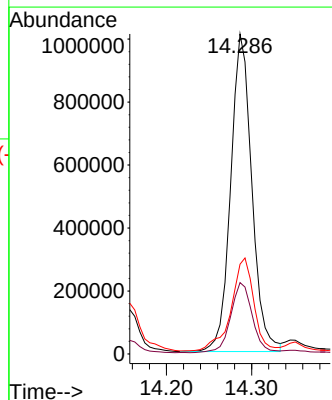
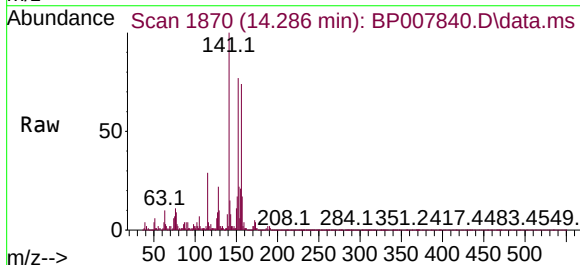
Instrument :
BNA_P
ClientSampleId :

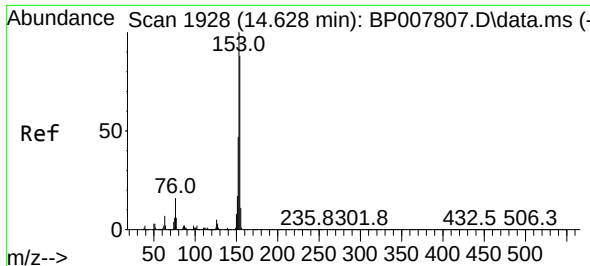
Tgt Ion:172 Resp: 1551091
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.3 19.0 28.4



#49
Acenaphthylene
Concen: 26.107 ng
RT: 14.286 min Scan# 1870
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:152 Resp: 1738741
Ion Ratio Lower Upper
152 100
151 22.3 15.8 23.6
153 28.0 10.2 15.2#

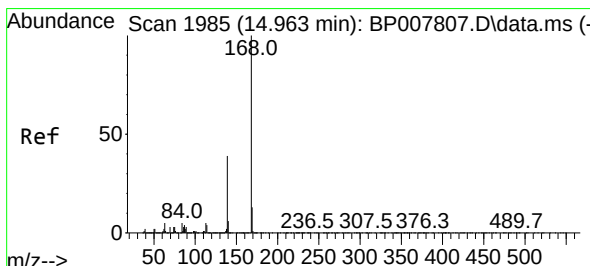
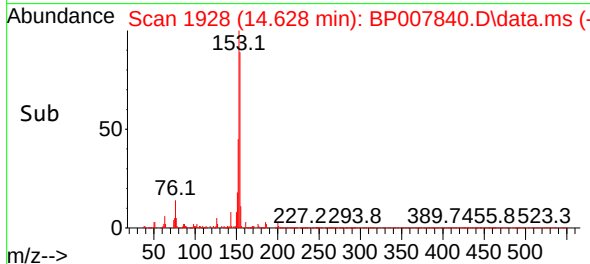
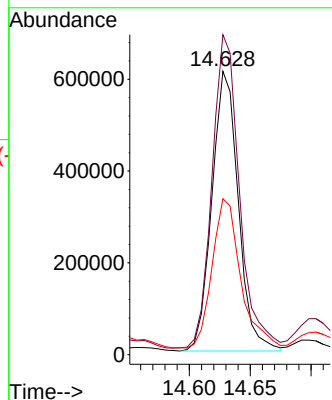
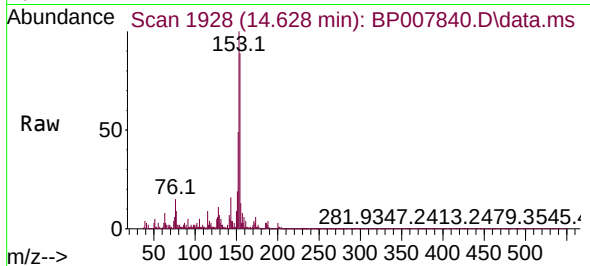




#52
Acenaphthene
Concen: 22.861 ng
RT: 14.628 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

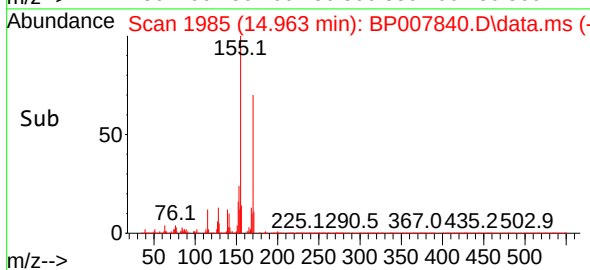
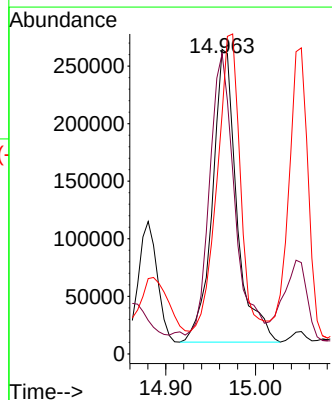
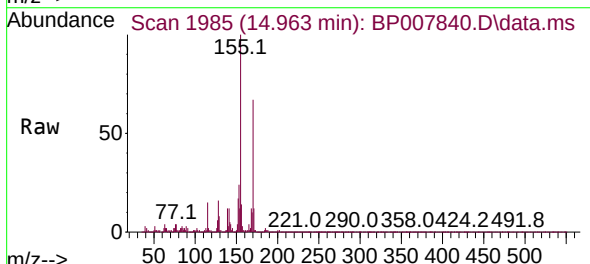
Instrument :
BNA_P
ClientSampleId :

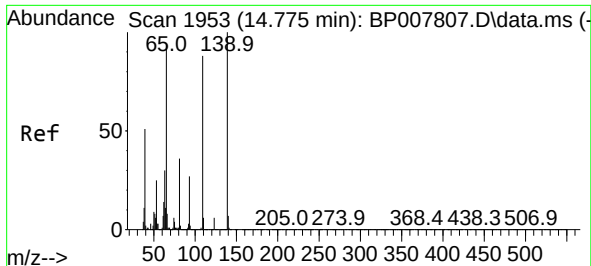
Tgt Ion:154 Resp: 919577
Ion Ratio Lower Upper
154 100
153 112.9 90.4 135.6
152 55.1 42.3 63.5



#55
Dibenzofuran
Concen: 7.092 ng
RT: 14.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:168 Resp: 482556
Ion Ratio Lower Upper
168 100
139 98.6 30.8 46.2#
169 78.9 11.0 16.6#

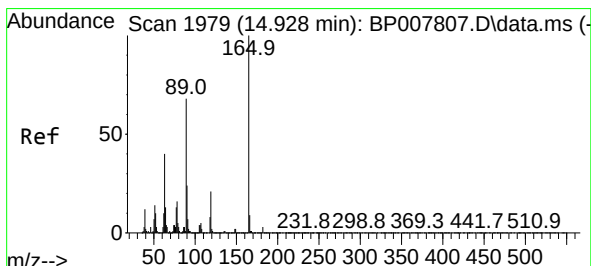
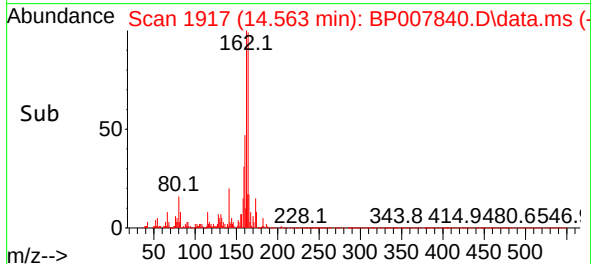
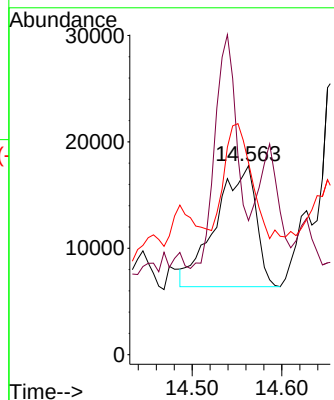
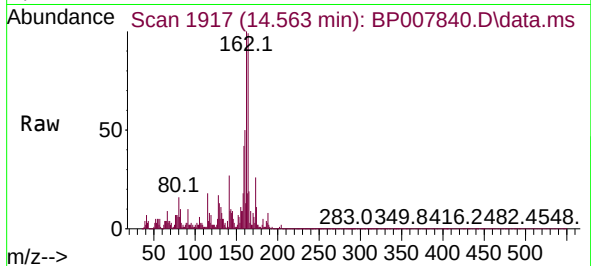




#56
4-Nitrophenol
Concen: 3.241 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.212 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

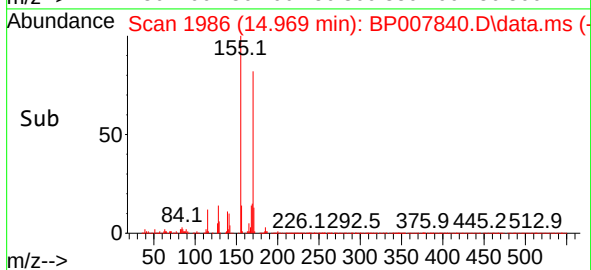
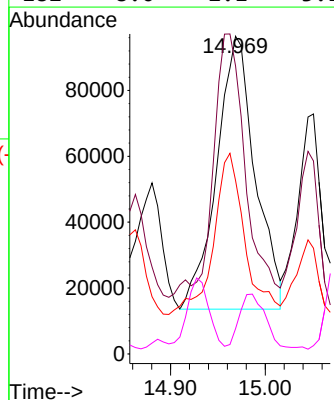
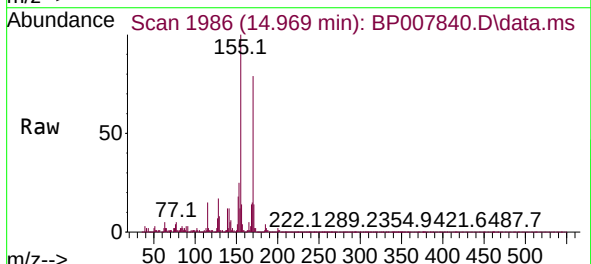
Instrument :
BNA_P
ClientSampleId :

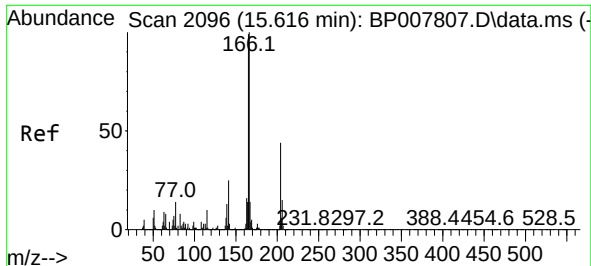
Tgt Ion:139 Resp: 35429
Ion Ratio Lower Upper
139 100
109 71.0 60.9 100.9
65 101.7 76.5 116.5



#57
2,4-Dinitrotoluene
Concen: 14.066 ng
RT: 14.969 min Scan# 1986
Delta R.T. 0.041 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:165 Resp: 233618
Ion Ratio Lower Upper
165 100
63 90.6 37.4 56.0#
89 54.6 61.8 92.6#
182 8.0 2.1 3.1#

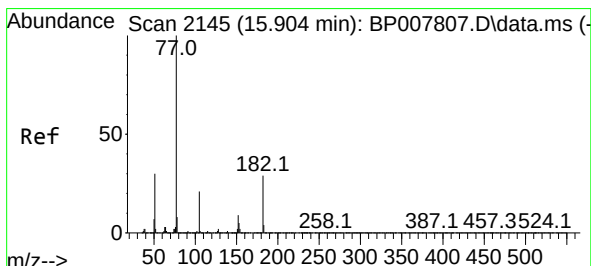
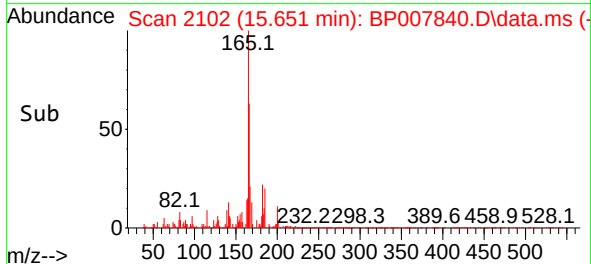
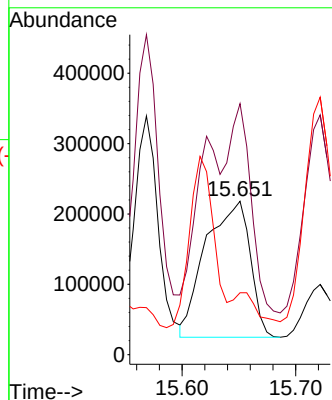
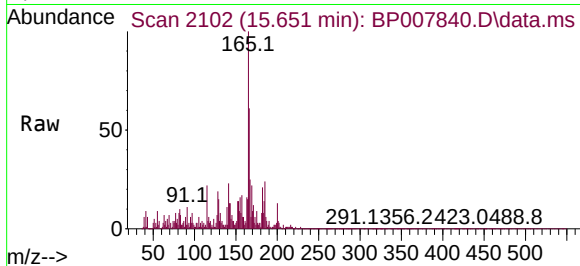




#58
 Fluorene
 Concen: 10.149 ng
 RT: 15.651 min Scan# 2110
 Delta R.T. 0.035 min
 Lab File: BP007840.D
 Acq: 04 Nov 2021 00:57

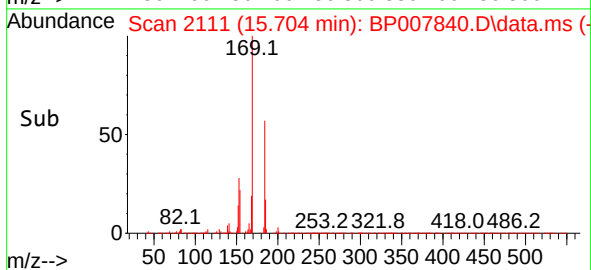
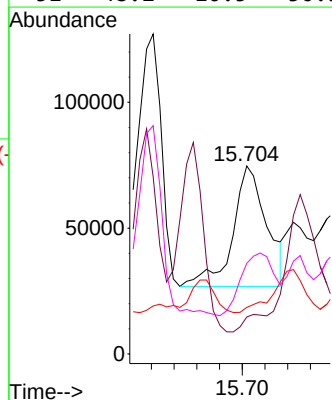
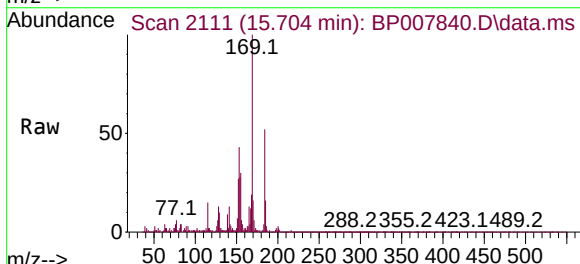
Instrument :
 BNA_P
 ClientSampleId :

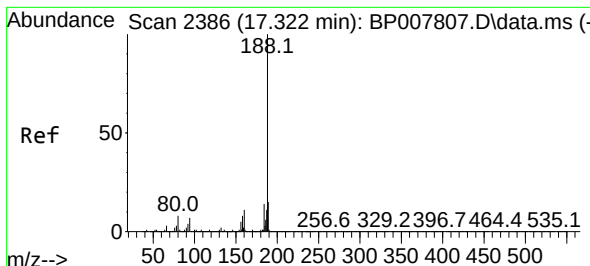
Tgt Ion:166 Resp: 523812
 Ion Ratio Lower Upper
 166 100
 165 163.7 78.9 118.3#
 167 40.4 10.9 16.3#



#63
 Azobenzene
 Concen: 2.063 ng
 RT: 15.704 min Scan# 2111
 Delta R.T. -0.200 min
 Lab File: BP007840.D
 Acq: 04 Nov 2021 00:57

Tgt Ion: 77 Resp: 98612
 Ion Ratio Lower Upper
 77 100
 182 19.6 6.5 46.5
 105 24.8 1.3 41.3
 51 48.2 10.5 50.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.333 min Scan# 2138

Delta R.T. 0.012 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Instrument :

BNA_P

ClientSampleId :

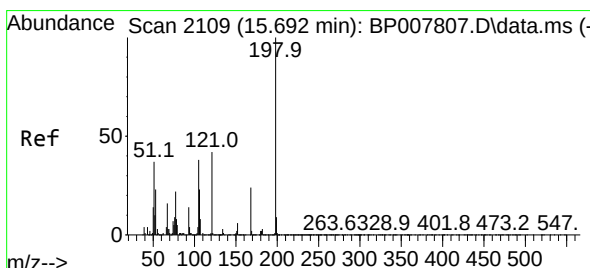
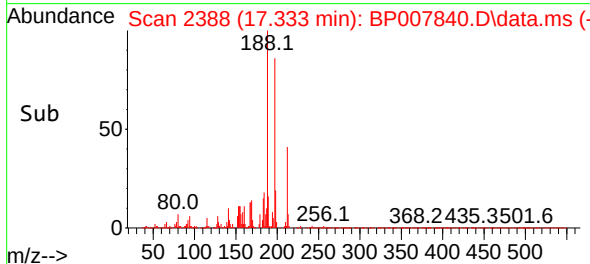
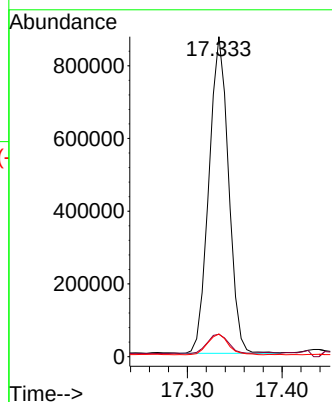
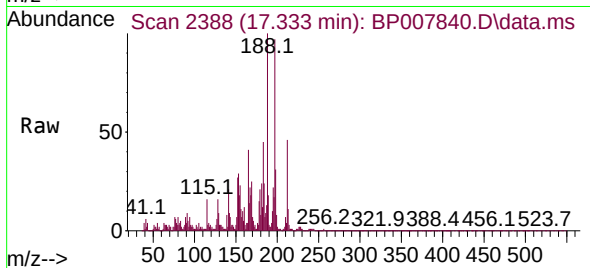
Tgt Ion:188 Resp: 1250869

Ion Ratio Lower Upper

188 100

94 7.0 7.1 10.7#

80 7.1 7.8 11.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.460 ng

RT: 15.869 min Scan# 2139

Delta R.T. 0.176 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

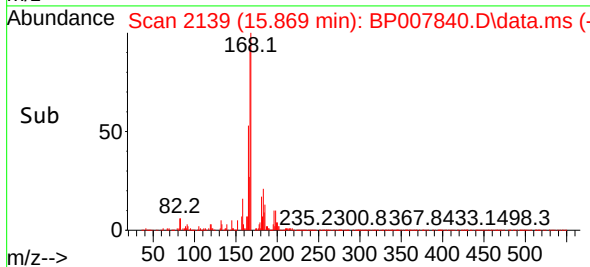
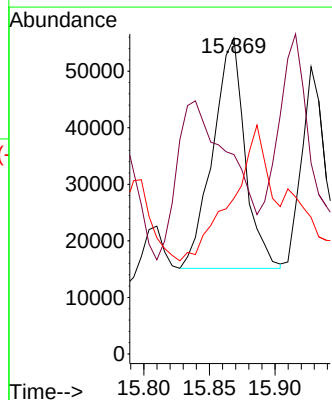
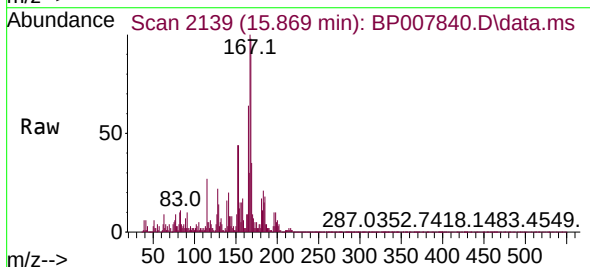
Tgt Ion:198 Resp: 69293

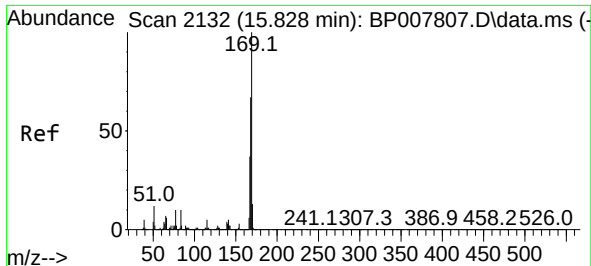
Ion Ratio Lower Upper

198 100

51 63.1 23.8 63.8

105 49.3 24.6 64.6

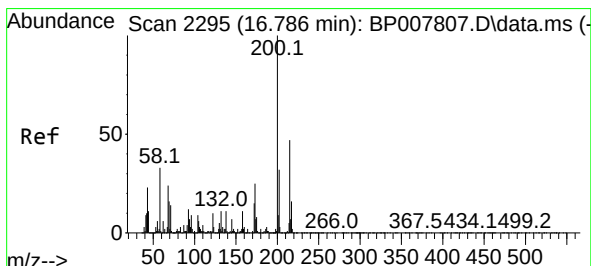
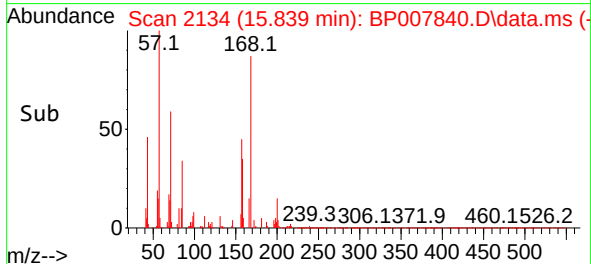
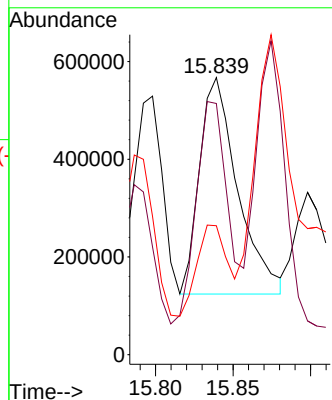
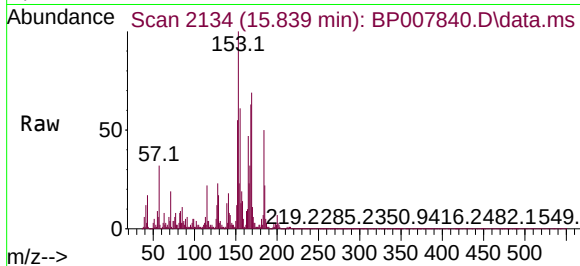




#66
n-Nitrosodiphenylamine
Concen: 21.337 ng
RT: 15.839 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

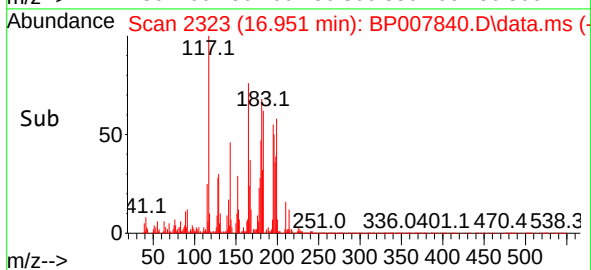
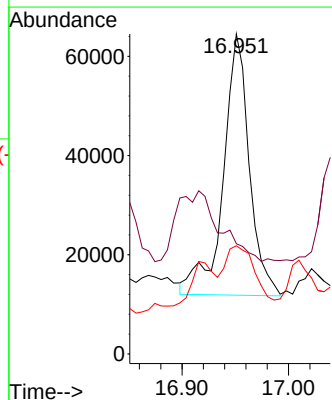
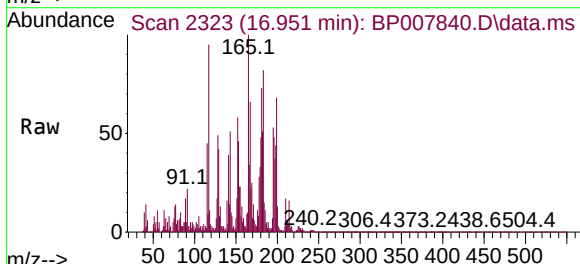
Instrument :
BNA_P
ClientSampleId :

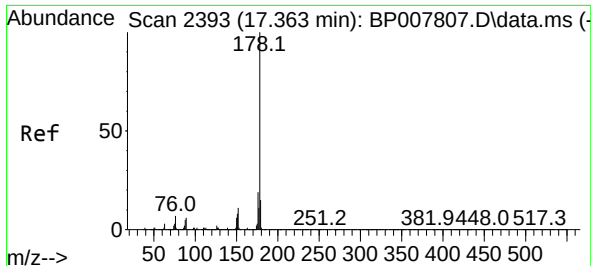
Tgt Ion:169 Resp: 759844
Ion Ratio Lower Upper
169 100
168 90.6 52.7 79.1#
167 46.5 29.0 43.6#



#69
Atrazine
Concen: 6.548 ng
RT: 16.951 min Scan# 2323
Delta R.T. 0.165 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:200 Resp: 89288
Ion Ratio Lower Upper
200 100
173 34.4 6.2 46.2
215 33.8 28.2 68.2

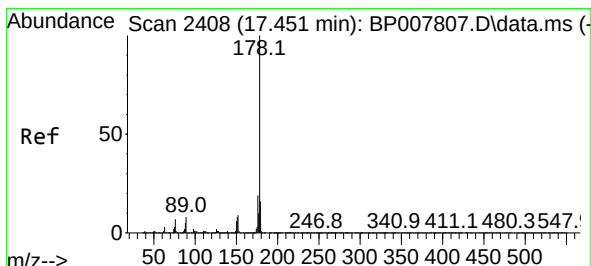
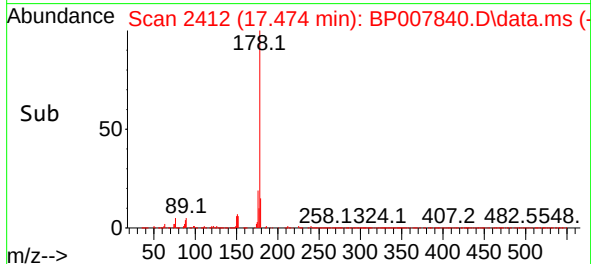
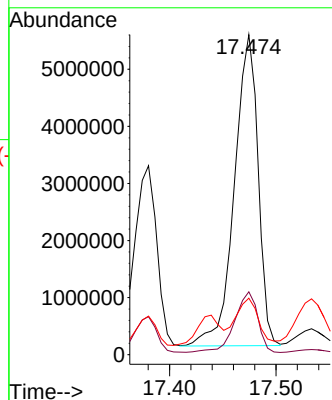
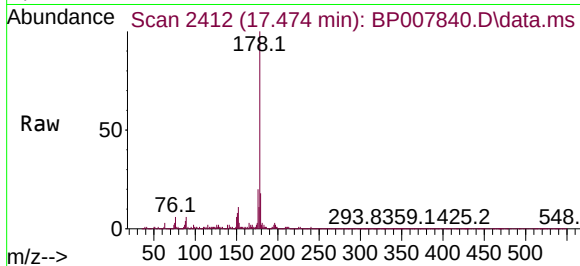




#71
Phenanthrene
Concen: 128.202 ng
RT: 17.474 min Scan# 2412
Delta R.T. 0.112 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

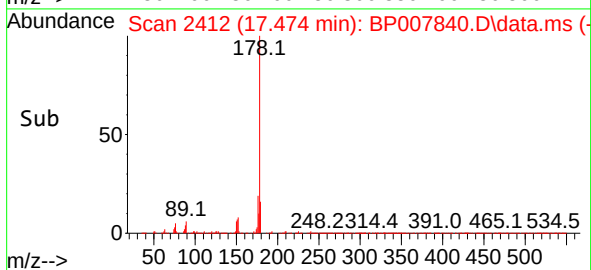
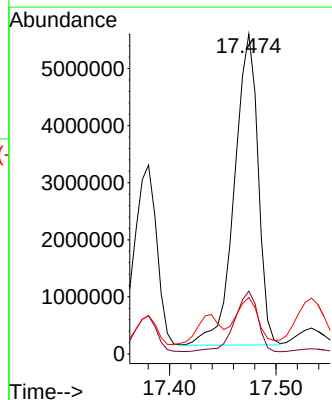
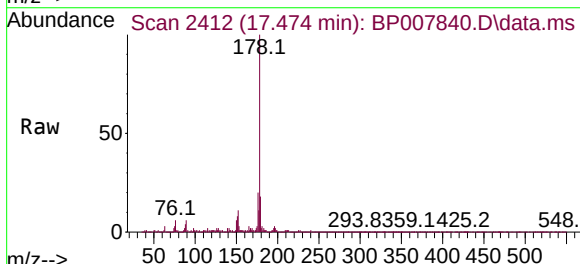
Instrument :
BNA_P
ClientSampleId :

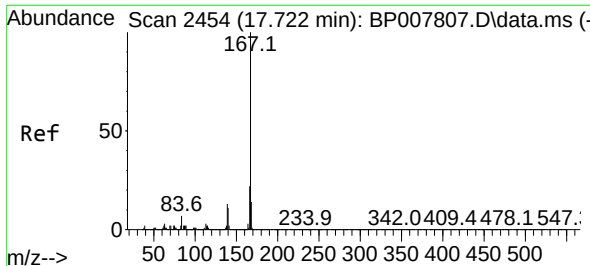
Tgt Ion:178 Resp: 8430211
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 17.6 12.3 18.5



#72
Anthracene
Concen: 130.270 ng
RT: 17.474 min Scan# 2412
Delta R.T. 0.023 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:178 Resp: 8430211
Ion Ratio Lower Upper
178 100
176 19.7 15.0 22.6
179 17.6 12.2 18.4

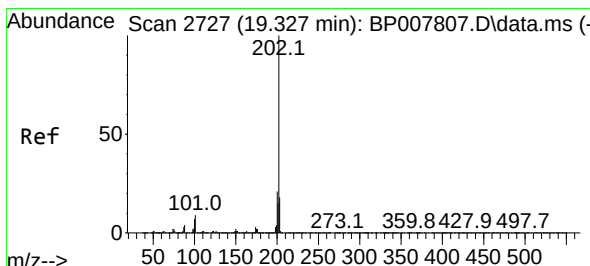
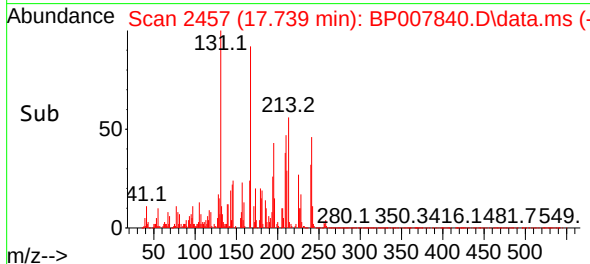
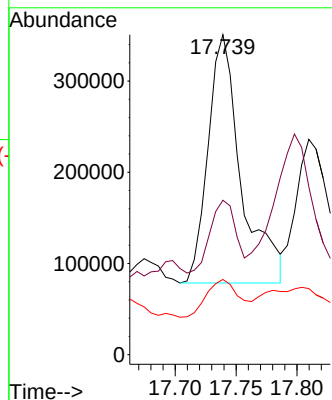
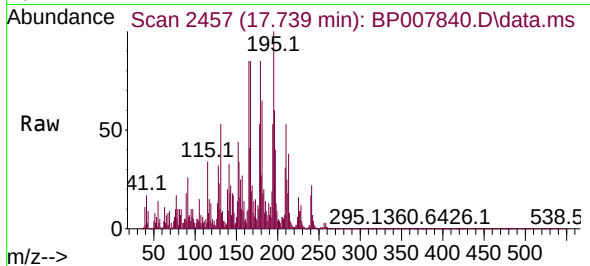




#73
 Carbazole
 Concen: 8.003 ng
 RT: 17.739 min Scan# 2454
 Delta R.T. 0.017 min
 Lab File: BP007840.D
 Acq: 04 Nov 2021 00:57

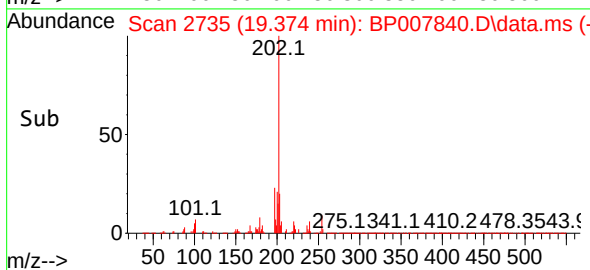
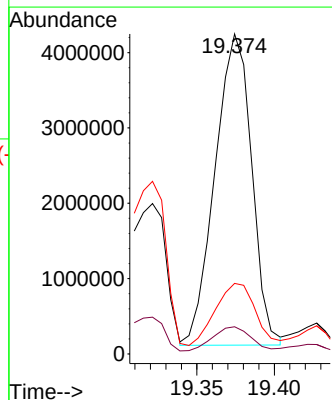
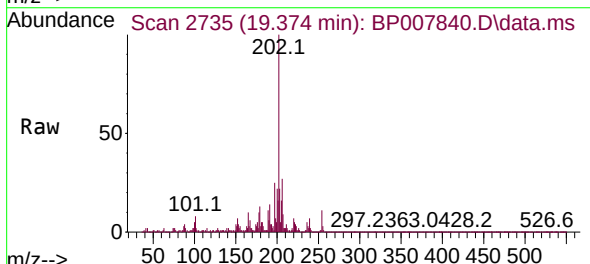
Instrument :
 BNA_P
 ClientSampleId :

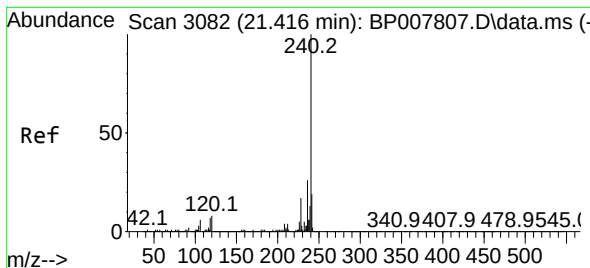
Tgt Ion:167 Resp: 514776
 Ion Ratio Lower Upper
 167 100
 166 48.2 17.3 25.9#
 139 23.5 10.4 15.6#



#75
 Fluoranthene
 Concen: 81.859 ng
 RT: 19.374 min Scan# 2735
 Delta R.T. 0.047 min
 Lab File: BP007840.D
 Acq: 04 Nov 2021 00:57

Tgt Ion:202 Resp: 6790282
 Ion Ratio Lower Upper
 202 100
 101 8.5 0.0 30.4
 203 22.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.023 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Instrument :

BNA_P

ClientSampleId :

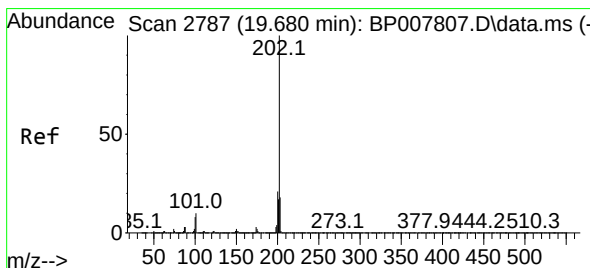
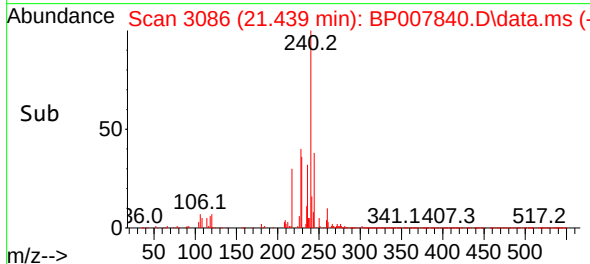
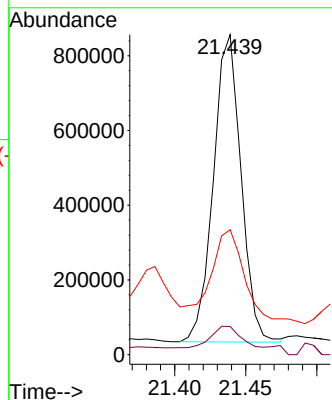
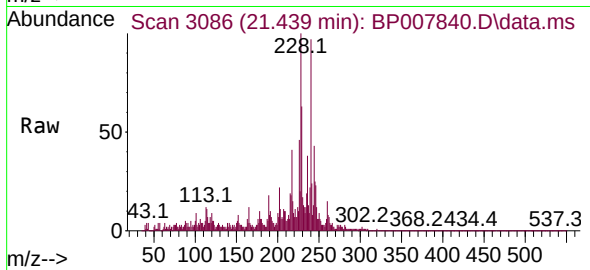
Tgt Ion:240 Resp: 1114420

Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.8

236 39.1 20.6 30.8#



#78

Pyrene

Concen: 143.001 ng

RT: 19.721 min Scan# 2794

Delta R.T. 0.041 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

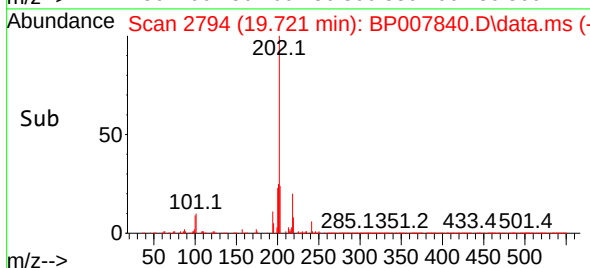
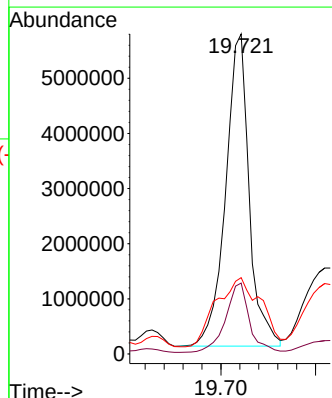
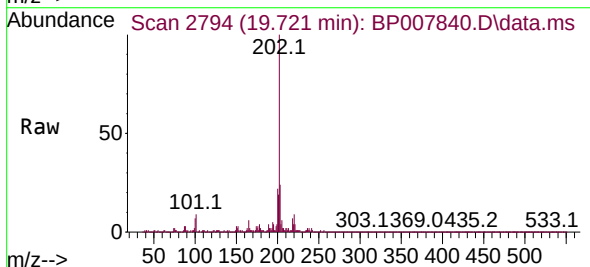
Tgt Ion:202 Resp: 9774381

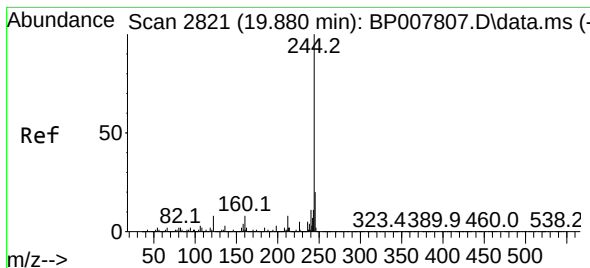
Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

203 23.8 13.8 20.6#





#79

Terphenyl-d14

Concen: 26.413 ng

RT: 19.904 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Instrument :

BNA_P

ClientSampleId :

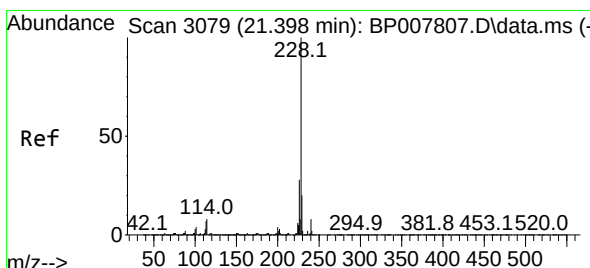
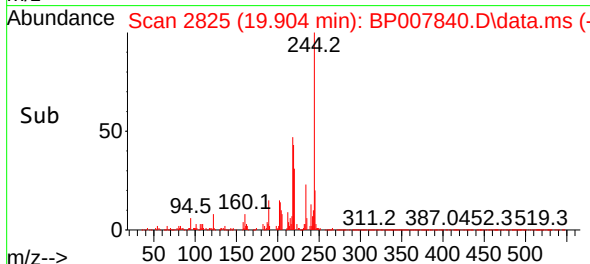
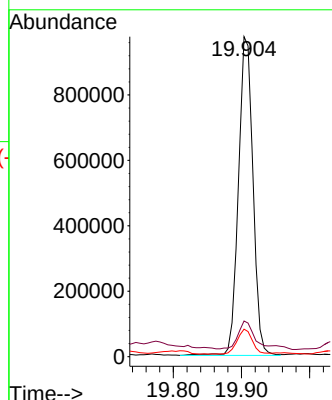
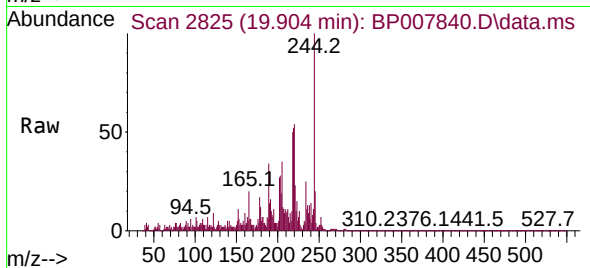
Tgt Ion:244 Resp: 1445525

Ion Ratio Lower Upper

244 100

212 11.1 6.2 9.2#

122 8.6 7.8 11.8



#81

Benzo(a)anthracene

Concen: 90.216 ng

RT: 21.421 min Scan# 3083

Delta R.T. 0.023 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

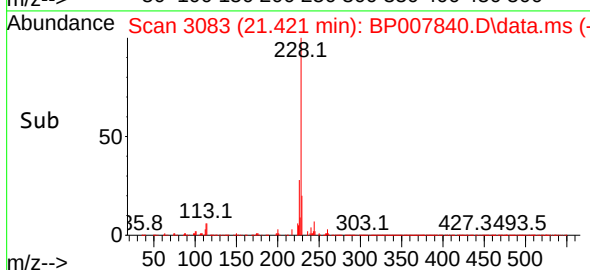
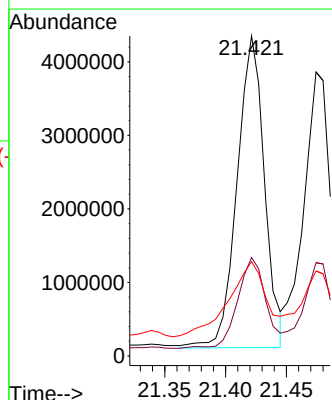
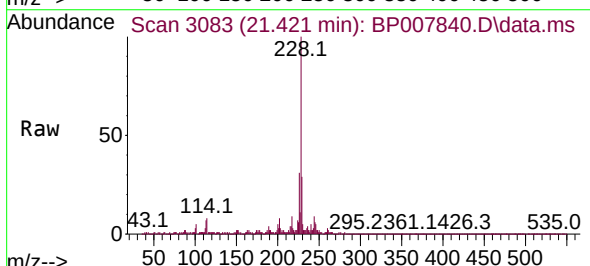
Tgt Ion:228 Resp: 6623542

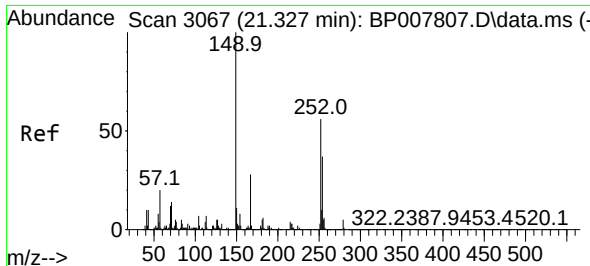
Ion Ratio Lower Upper

228 100

226 30.8 21.8 32.6

229 29.5 15.7 23.5#

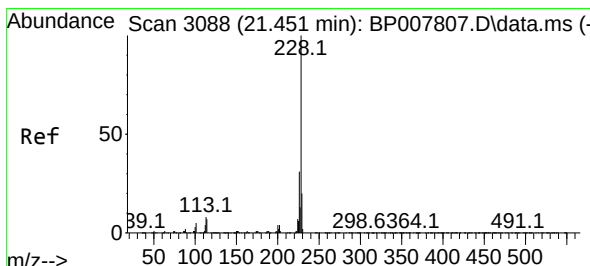
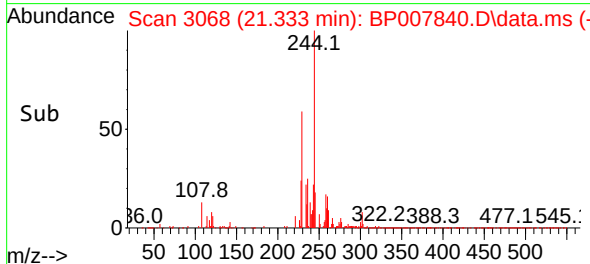
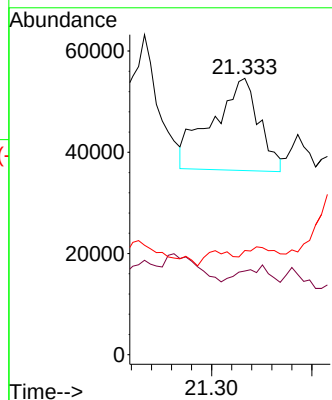
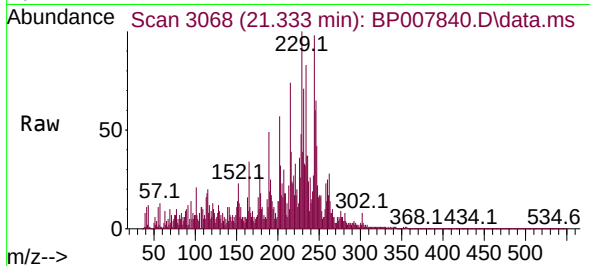




#82
3,3'-Dichlorobenzidine
Concen: 2.403 ng
RT: 21.333 min Scan# 3067
Delta R.T. 0.006 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

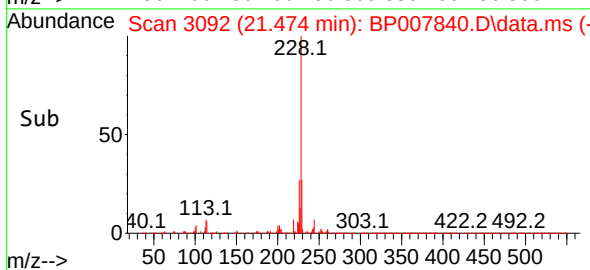
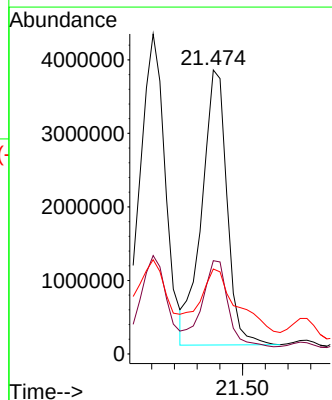
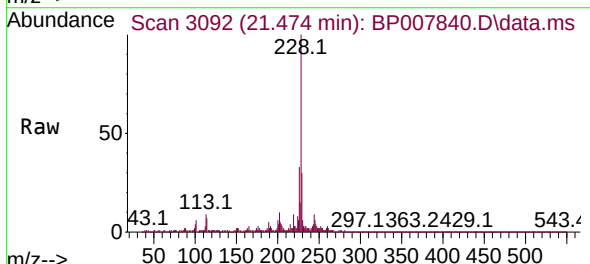
Instrument :
BNA_P
ClientSampleId :

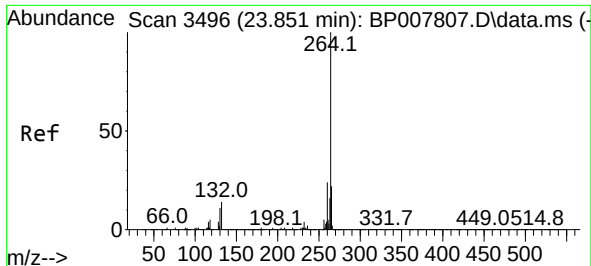
Tgt Ion:252 Resp: 59233
Ion Ratio Lower Upper
252 100
254 30.3 51.5 77.3#
126 37.7 8.5 12.7#



#83
Chrysene
Concen: 82.911 ng
RT: 21.474 min Scan# 3092
Delta R.T. 0.023 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:228 Resp: 5762668
Ion Ratio Lower Upper
228 100
226 32.9 24.6 37.0
229 29.9 15.7 23.5#

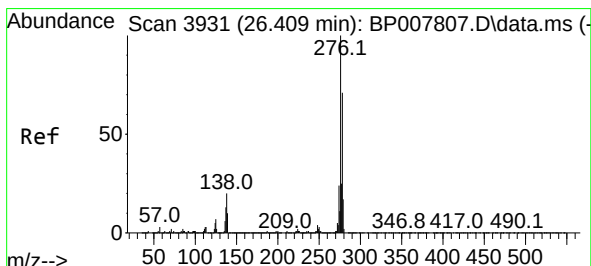
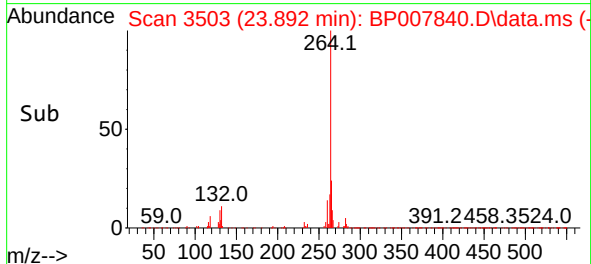
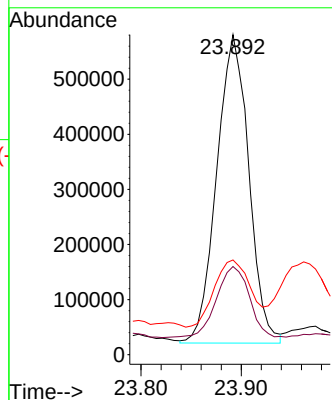
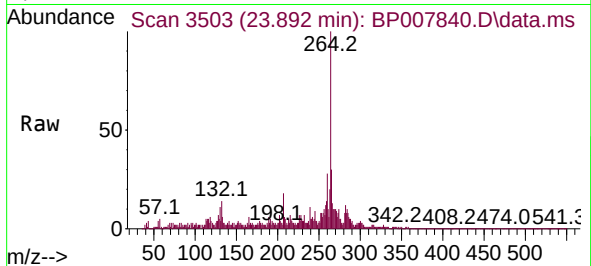




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.892 min Scan# 31
Delta R.T. 0.041 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

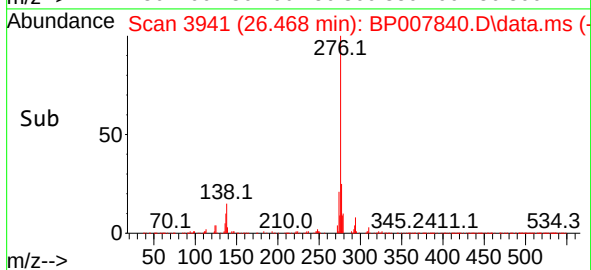
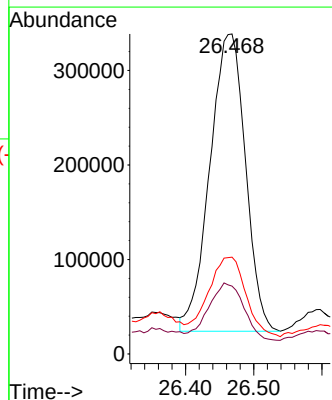
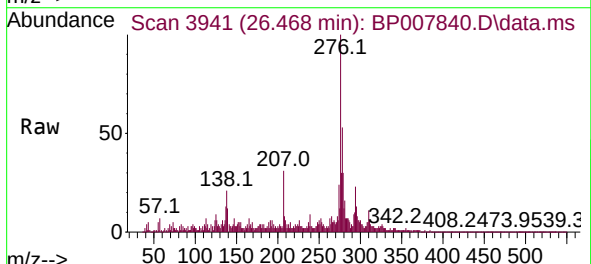
Instrument :
BNA_P
ClientSampleId :

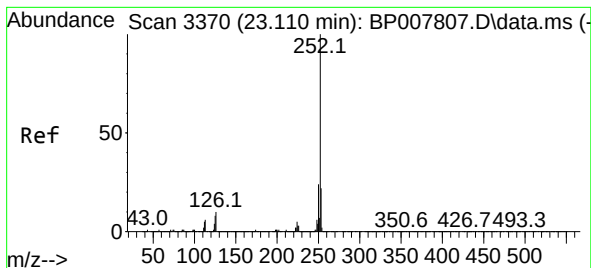
Tgt Ion:264 Resp: 1243907
Ion Ratio Lower Upper
264 100
260 27.5 19.1 28.7
265 29.6 16.7 25.1#



#87
Indeno(1,2,3-cd)pyrene
Concen: 12.314 ng
RT: 26.468 min Scan# 3941
Delta R.T. 0.059 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Tgt Ion:276 Resp: 1141795
Ion Ratio Lower Upper
276 100
138 19.3 19.4 29.0#
277 28.0 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 60.576 ng

RT: 23.151 min Scan# 3377

Delta R.T. 0.041 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Instrument :

BNA_P

ClientSampleId :

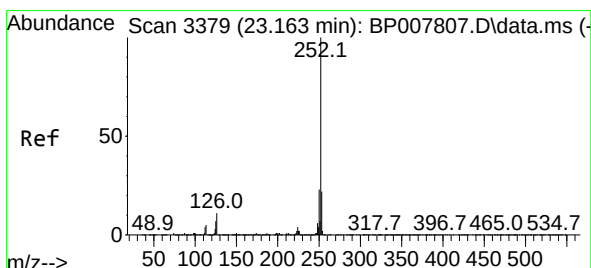
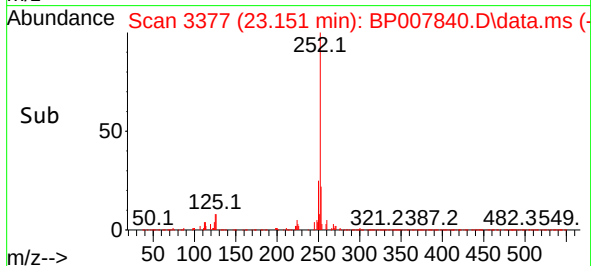
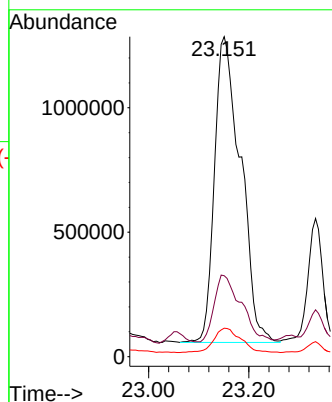
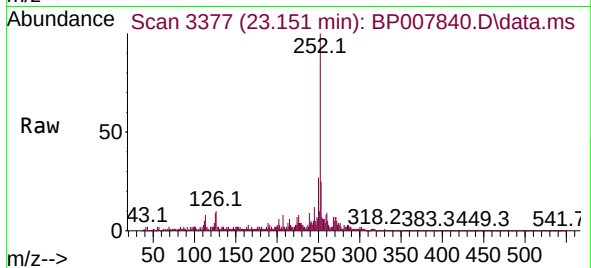
Tgt Ion:252 Resp: 4441725

Ion Ratio Lower Upper

252 100

253 25.3 17.4 26.2

125 8.9 7.4 11.0



#89

Benzo(k)fluoranthene

Concen: 61.034 ng

RT: 23.151 min Scan# 3377

Delta R.T. -0.012 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

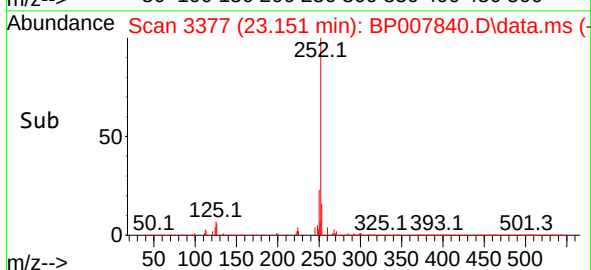
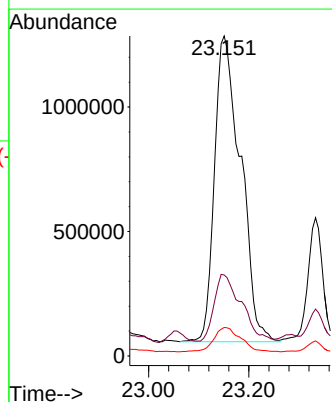
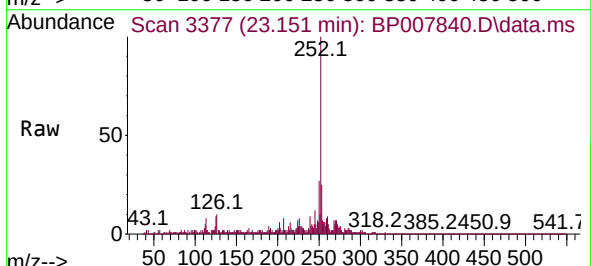
Tgt Ion:252 Resp: 4441725

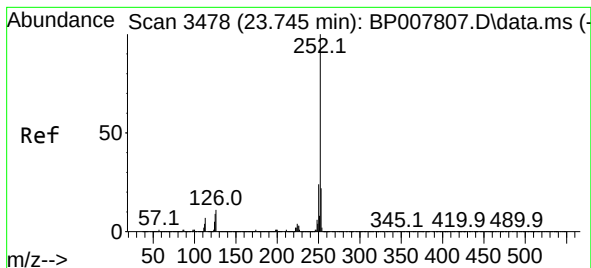
Ion Ratio Lower Upper

252 100

253 25.3 17.6 26.4

125 8.9 7.4 11.0





#90

Benzo(a)pyrene

Concen: 57.764 ng

RT: 23.786 min Scan# 34

Delta R.T. 0.041 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

Instrument :

BNA_P

ClientSampleId :

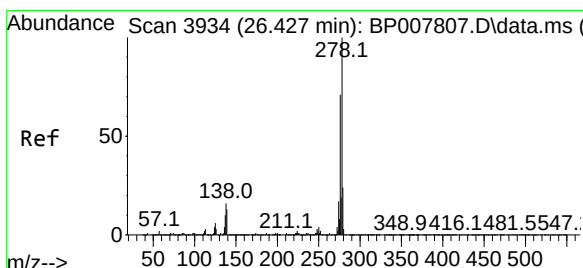
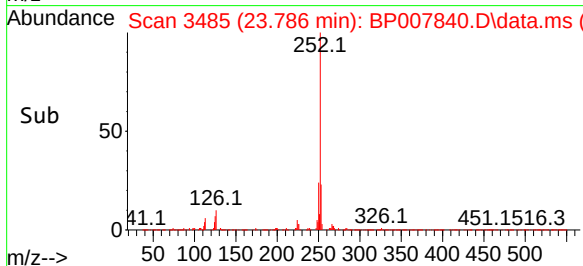
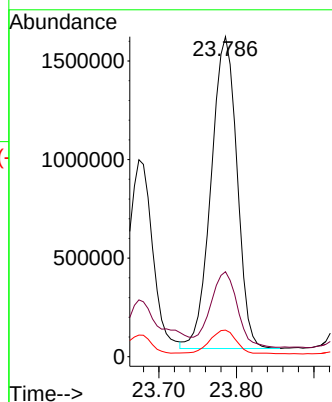
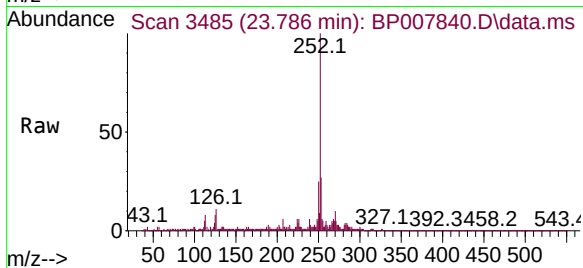
Tgt Ion:252 Resp: 3667471

Ion Ratio Lower Upper

252 100

253 26.5 17.6 26.4#

125 8.3 8.4 12.6#



#91

Dibenzo(a,h)anthracene

Concen: 7.337 ng

RT: 26.468 min Scan# 3941

Delta R.T. 0.041 min

Lab File: BP007840.D

Acq: 04 Nov 2021 00:57

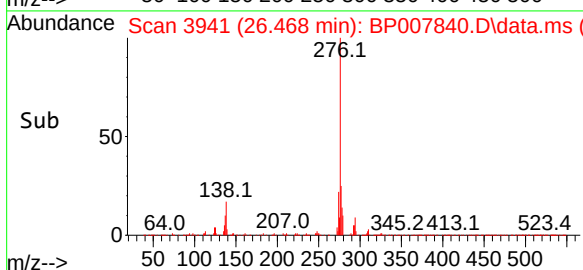
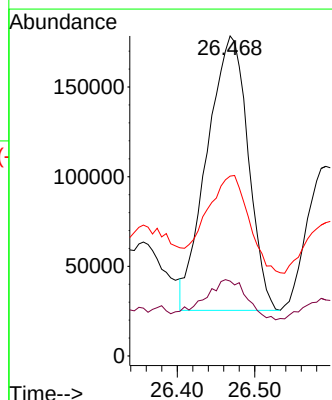
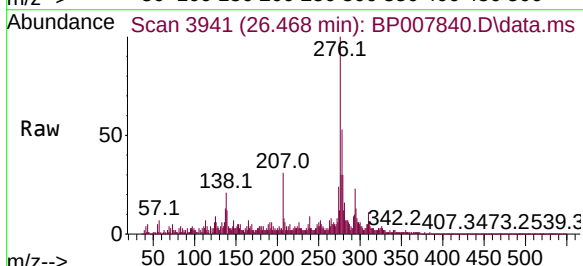
Tgt Ion:278 Resp: 563819

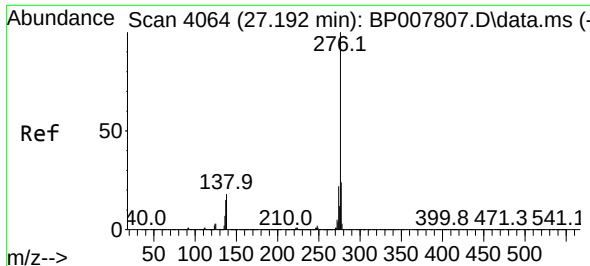
Ion Ratio Lower Upper

278 100

139 23.4 11.8 17.6#

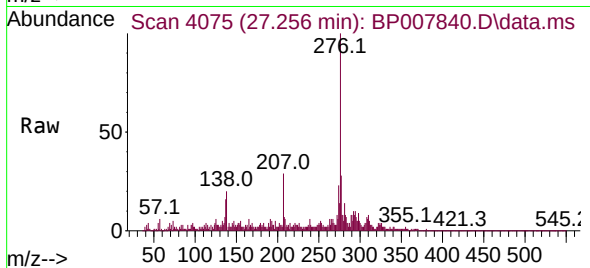
279 56.2 18.6 27.8#





#92
Benzo(g,h,i)perylene
Concen: 16.492 ng
RT: 27.256 min Scan# 4064
Delta R.T. 0.065 min
Lab File: BP007840.D
Acq: 04 Nov 2021 00:57

Instrument :
BNA_P
ClientSampleId :



Tgt Ion:276 Resp: 1257343
Ion Ratio Lower Upper
276 100
277 27.5 19.4 29.0
138 19.5 16.2 24.4

