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 Data File : BP009070.D
 Acq On : 08 Feb 2022 21:38
 Operator : CG/JU
 Sample : N1411-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

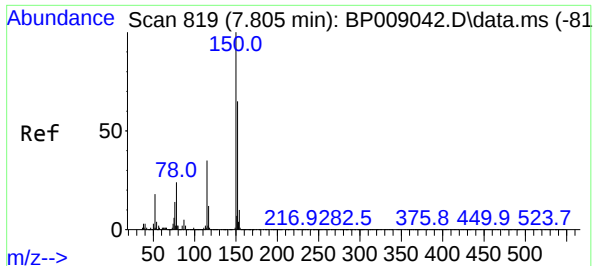
Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Feb 09 00:29:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	235061	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	833292	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	456552	20.000	ng	0.02
64) Phenanthrene-d10	17.234	188	709834	20.000	ng	# 0.03
76) Chrysene-d12	21.322	240	991991	20.000	ng	0.02
86) Perylene-d12	23.710	264	1145214	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	193703	14.700	ng	0.00
7) Phenol-d6	6.993	99	226874	13.066	ng	0.00
23) Nitrobenzene-d5	8.969	82	133942	9.065	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	94522	15.506	ng	0.02
45) 2-Fluorobiphenyl	13.075	172	341340	10.466	ng	0.00
79) Terphenyl-d14	19.792	244	467602	8.477	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.928	122	802	2.793	ng	# 1
37) 2-Methylnaphthalene	12.275	142	174491	5.802	ng	# 94
38) 1-Methylnaphthalene	12.493	142	118434	4.030	ng	# 95
41) Hexachlorocyclopentadiene	12.634	237	36	8.662	ng	# 31
49) Acenaphthylene	14.198	152	116590	2.901	ng	# 1
51) 2,6-Dinitrotoluene	14.075	165	112810	16.621	ng	# 42
53) 3-Nitroaniline	14.369	138	124854	17.985	ng	# 21
54) 2,4-Dinitrophenol	14.581	184	1403	2.657	ng	# 1
56) 4-Nitrophenol	14.751	139	21335	6.363	ng	# 1
61) 4-Chlorophenyl-phenyle...	15.540	204	73627	4.282	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.645	198	21495	4.934	ng	# 1
66) n-Nitrosodiphenylamine	15.740	169	347389	16.137	ng	# 46
69) Atrazine	16.669	200	21151	2.963	ng	# 1
71) Phenanthrene	17.281	178	458151	11.920	ng	# 53
72) Anthracene	17.445	178	82220	2.186	ng	# 1
74) Di-n-butylphthalate	18.186	149	215296	5.895	ng	# 36

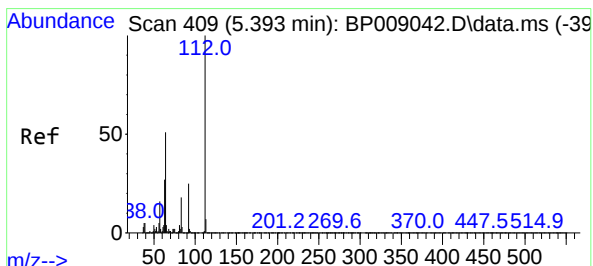
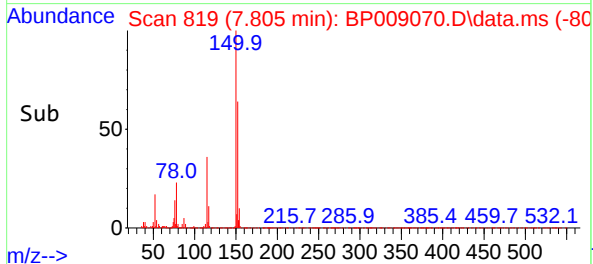
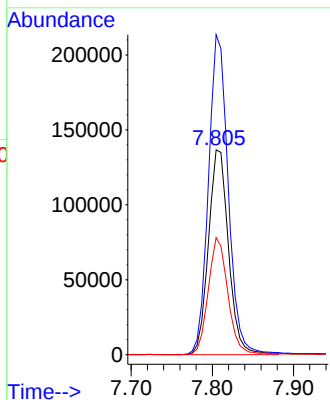
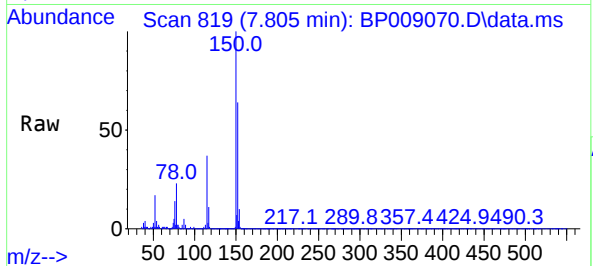
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009070.D
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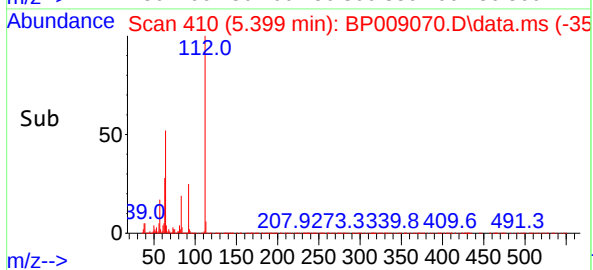
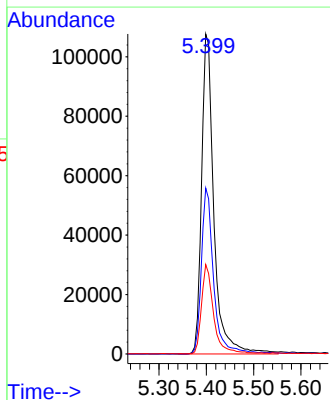
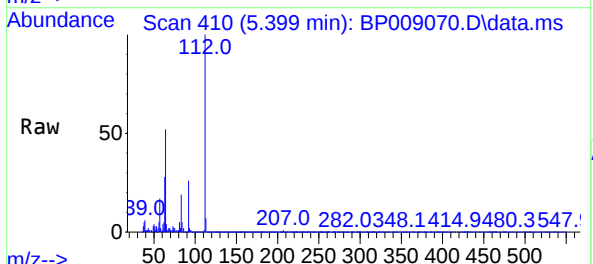
Instrument :
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ClientSampleId :
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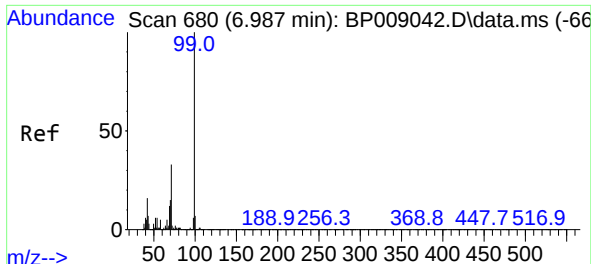
Tgt Ion:152 Resp: 235061
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 57.1 43.7 65.5



#5
2-Fluorophenol
Concen: 14.700 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:112 Resp: 193703
Ion Ratio Lower Upper
112 100
64 51.8 39.7 59.5
63 27.9 20.0 30.0

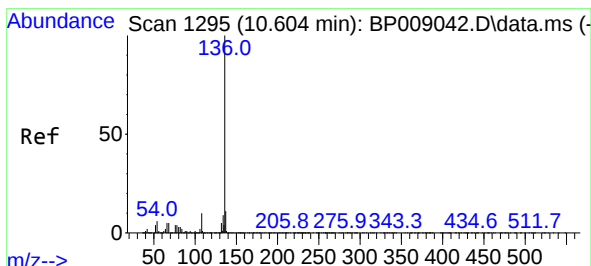
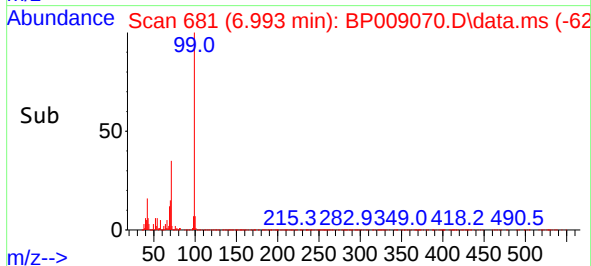
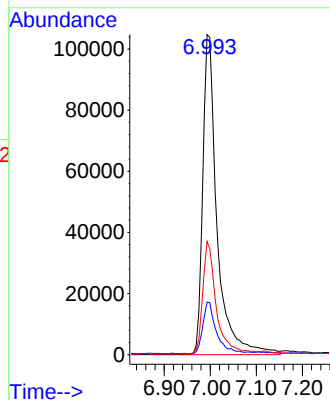
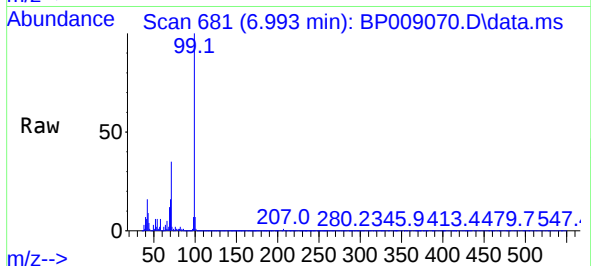




#7
Phenol-d6
Concen: 13.066 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

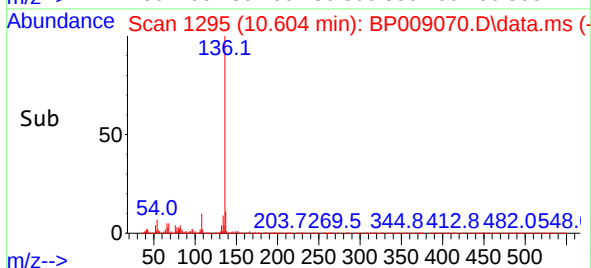
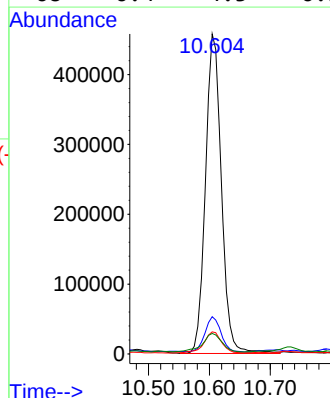
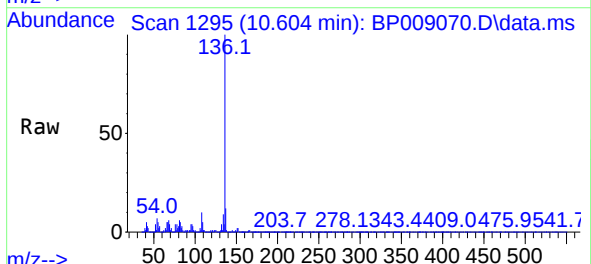
Instrument :
BNA_P
ClientSampleId :
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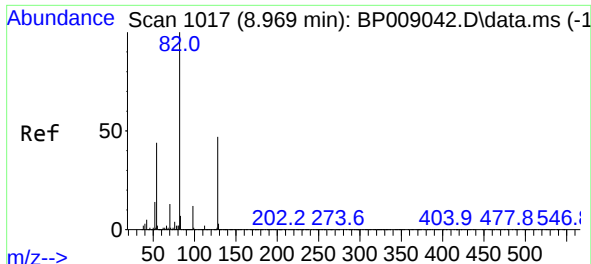
Tgt Ion: 99 Resp: 226874
Ion Ratio Lower Upper
99 100
42 16.4 10.8 16.2#
71 35.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion: 136 Resp: 833292
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 6.9 4.9 7.3
68 6.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 9.065 ng

RT: 8.969 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BP009070.D

Acq: 08 Feb 2022 21:38

Instrument :

BNA_P

ClientSampleId :

270

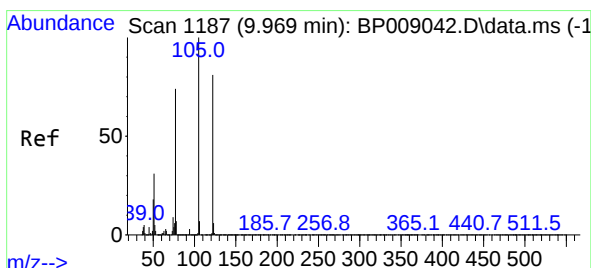
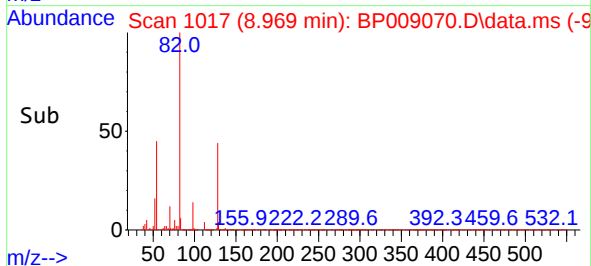
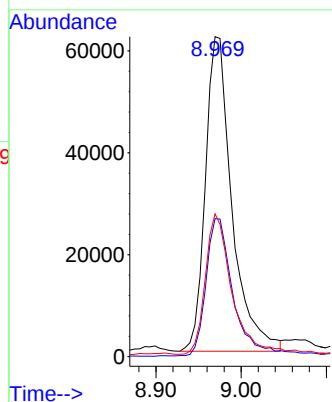
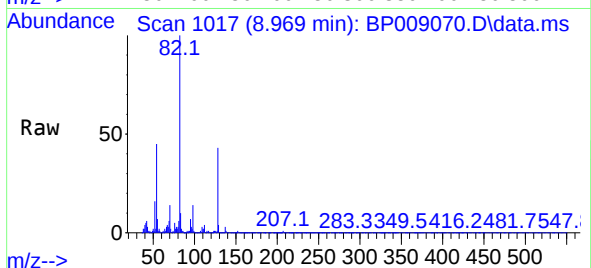
Tgt Ion: 82 Resp: 133942

Ion Ratio Lower Upper

82 100

128 43.2 39.4 59.2

54 44.7 32.6 48.8



#32

Benzoic acid

Concen: 2.793 ng

RT: 9.928 min Scan# 1180

Delta R.T. -0.041 min

Lab File: BP009070.D

Acq: 08 Feb 2022 21:38

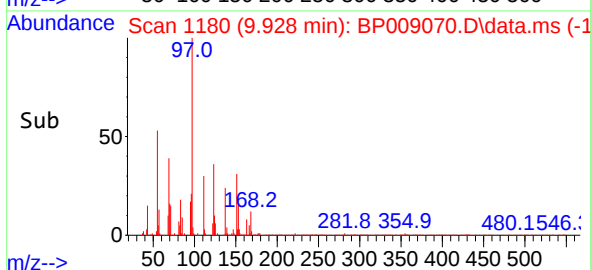
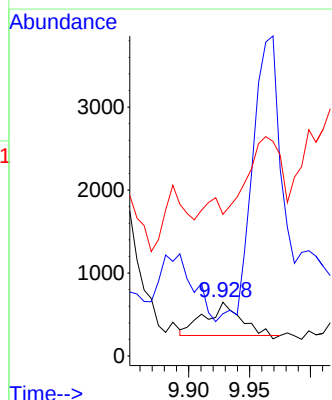
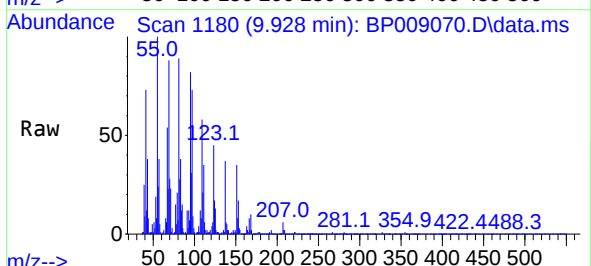
Tgt Ion: 122 Resp: 802

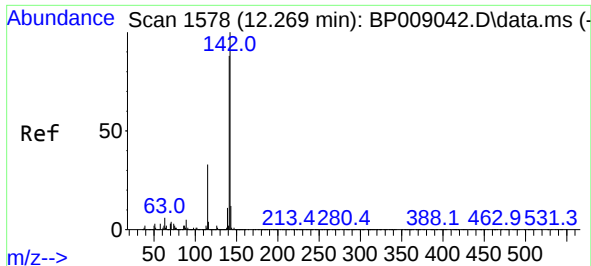
Ion Ratio Lower Upper

122 100

105 78.5 100.1 140.1#

77 263.4 65.5 105.5#

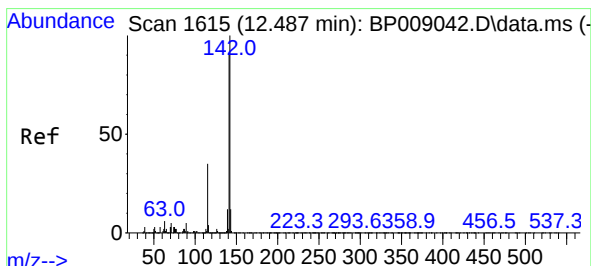
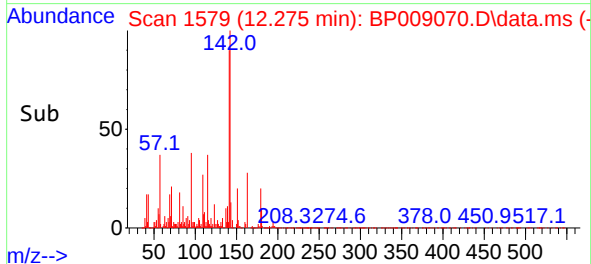
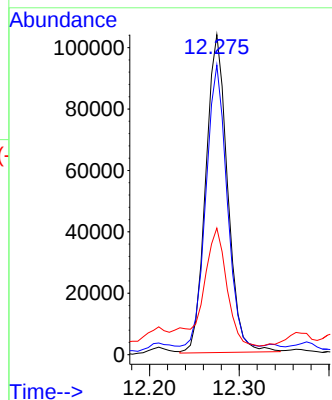
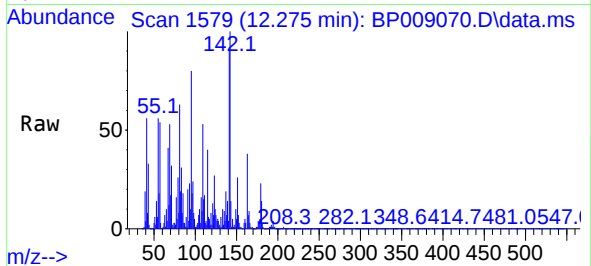




#37
2-Methylnaphthalene
Concen: 5.802 ng
RT: 12.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

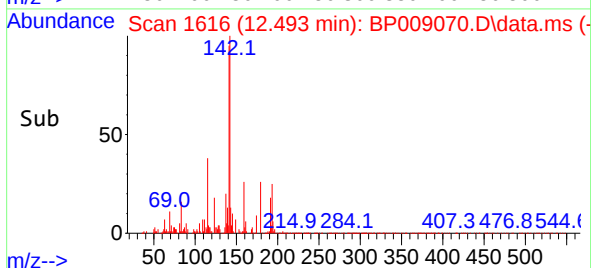
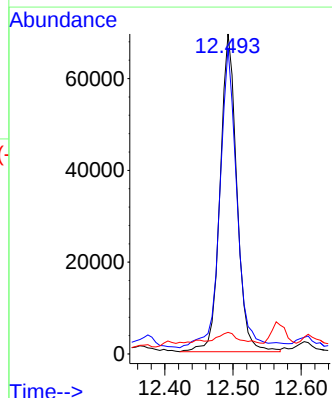
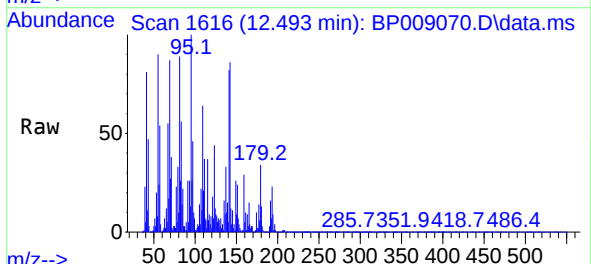
Instrument :
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ClientSampleId :
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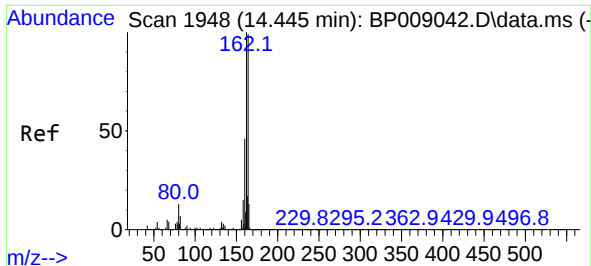
Tgt Ion:142 Resp: 174491
Ion Ratio Lower Upper
142 100
141 90.5 70.5 105.7
115 39.5 24.6 36.8#



#38
1-Methylnaphthalene
Concen: 4.030 ng
RT: 12.493 min Scan# 1616
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:142 Resp: 118434
Ion Ratio Lower Upper
142 100
141 95.7 73.2 109.8
116 6.7 2.7 4.1#

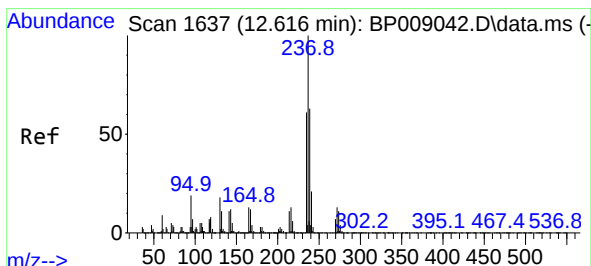
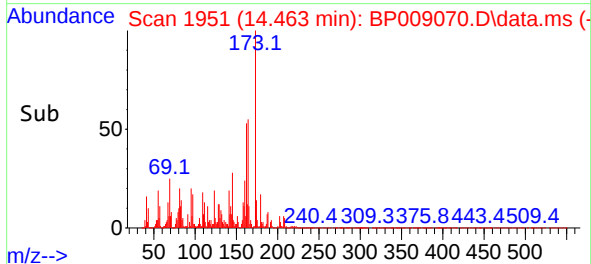
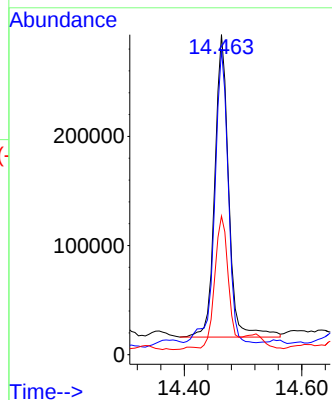
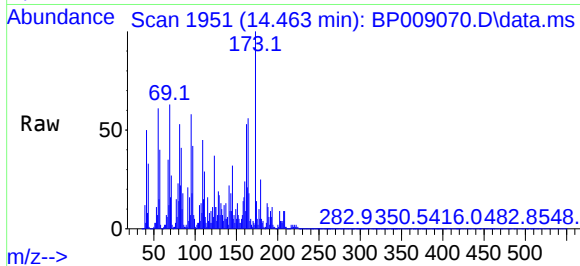




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1948
Delta R.T. 0.018 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

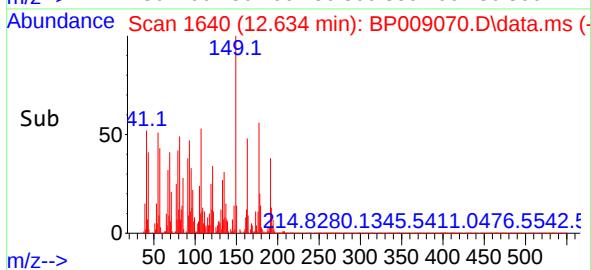
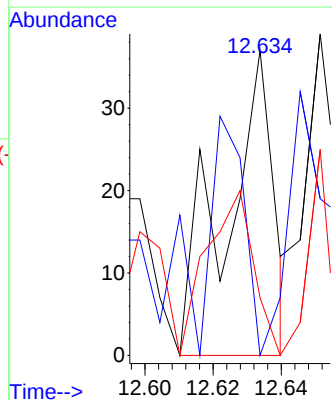
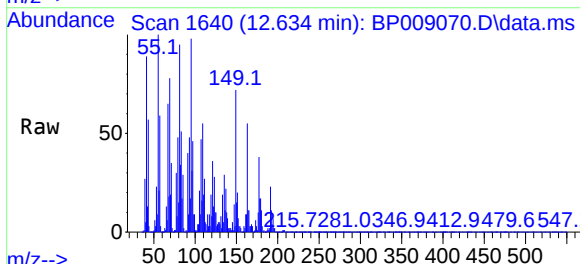
Instrument :
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ClientSampleId :
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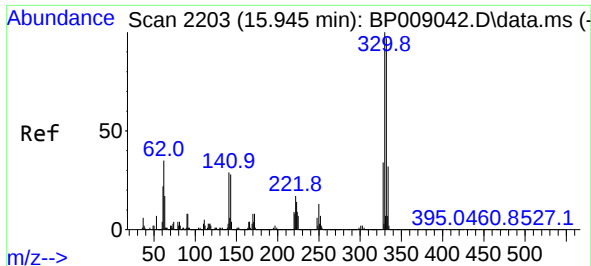
Tgt Ion:164 Resp: 456552
Ion Ratio Lower Upper
164 100
162 95.3 79.9 119.9
160 43.3 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.634 min Scan# 1640
Delta R.T. 0.018 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:237 Resp: 36
Ion Ratio Lower Upper
237 100
235 0.0 42.9 82.9#
272 18.9 0.0 33.8

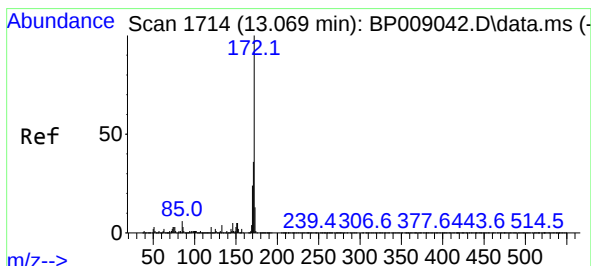
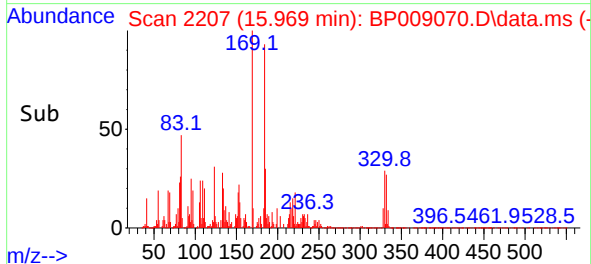
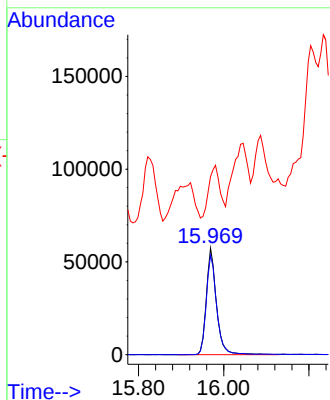
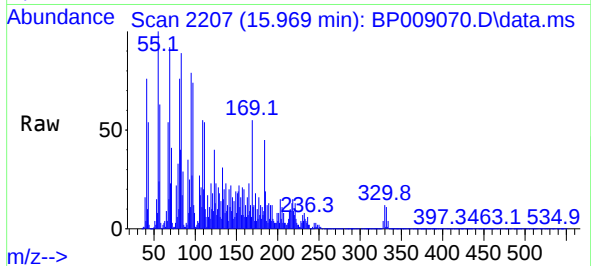




#42
2,4,6-Tribromophenol
Concen: 15.506 ng
RT: 15.969 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

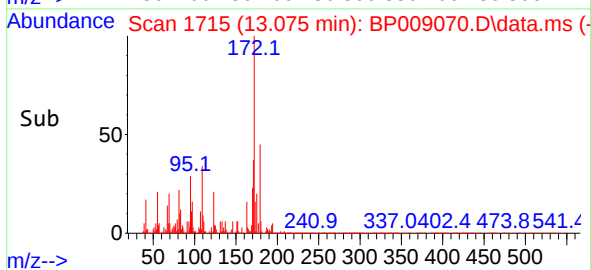
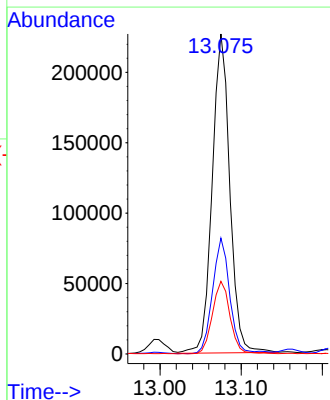
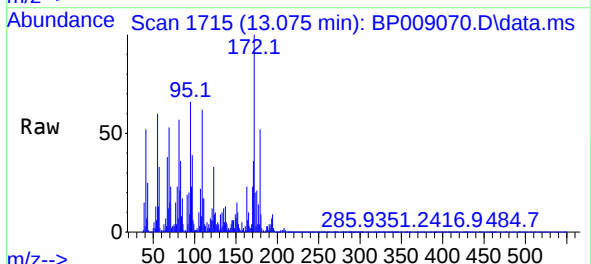
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ClientSampleId :
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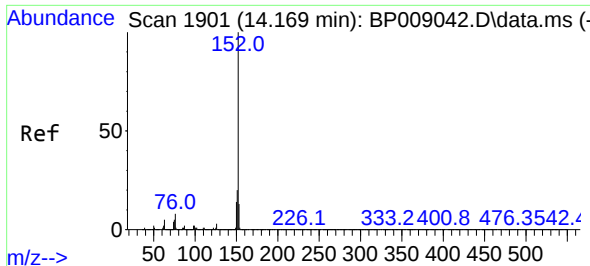
Tgt Ion:330 Resp: 94522
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.4
141 55.1 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 10.466 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:172 Resp: 341340
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 22.7 19.5 29.3

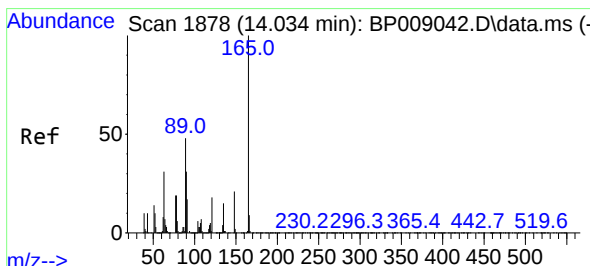
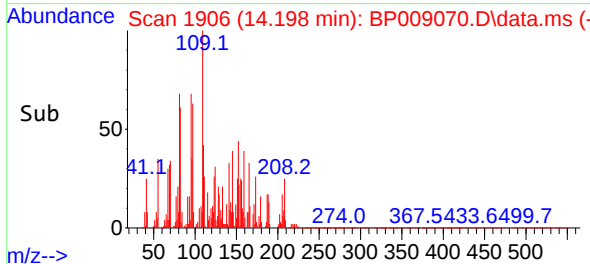
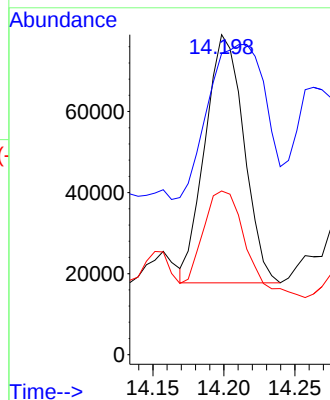
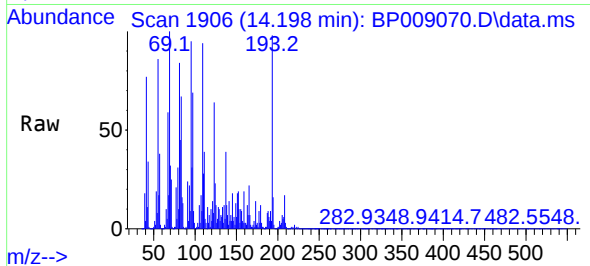




#49
Acenaphthylene
Concen: 2.901 ng
RT: 14.198 min Scan# 1901
Delta R.T. 0.029 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

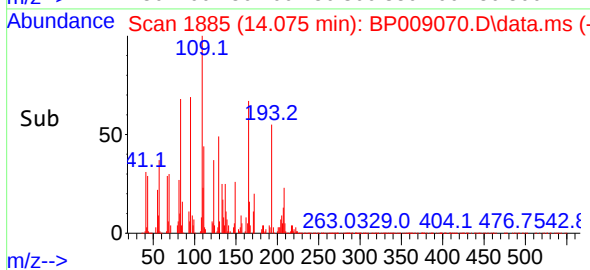
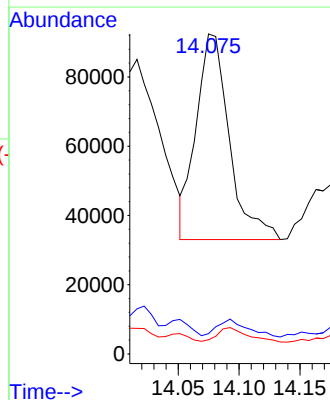
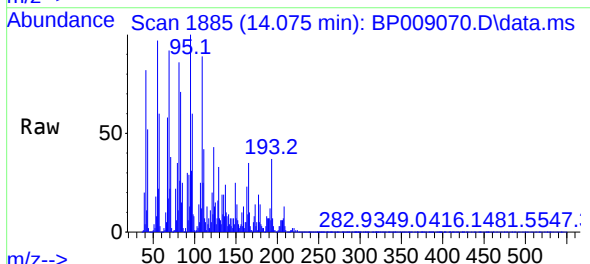
Instrument :
BNA_P
ClientSampleId :
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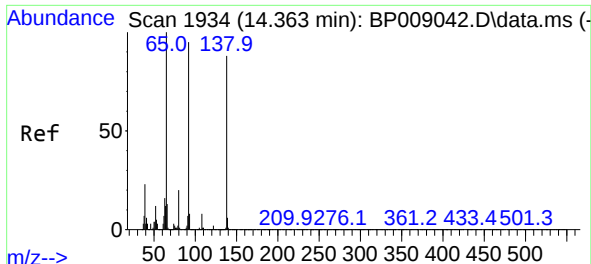
Tgt Ion:152 Resp: 116590
Ion Ratio Lower Upper
152 100
151 94.1 16.1 24.1#
153 51.2 10.6 16.0#



#51
2,6-Dinitrotoluene
Concen: 16.621 ng
RT: 14.075 min Scan# 1885
Delta R.T. 0.041 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:165 Resp: 112810
Ion Ratio Lower Upper
165 100
63 6.4 31.8 47.8#
89 4.5 36.1 54.1#

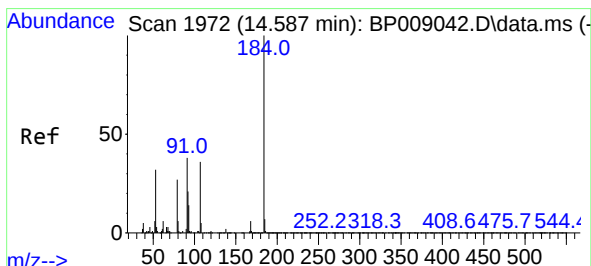
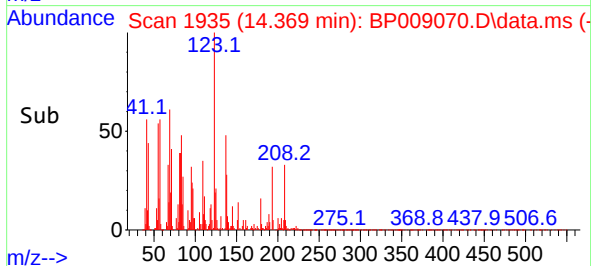
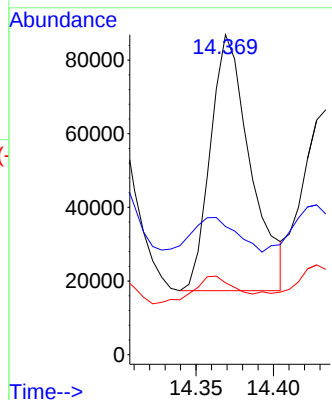
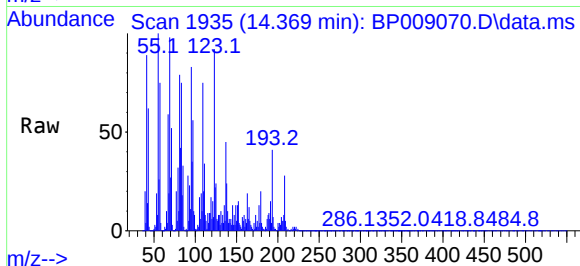




#53
3-Nitroaniline
Concen: 17.985 ng
RT: 14.369 min Scan# 1934
Delta R.T. 0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

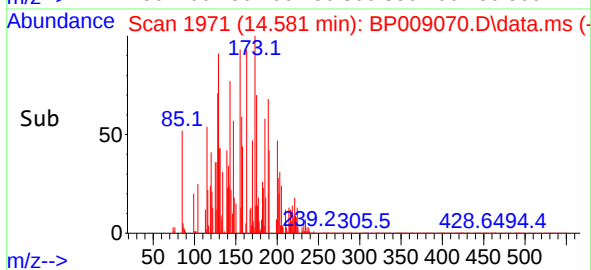
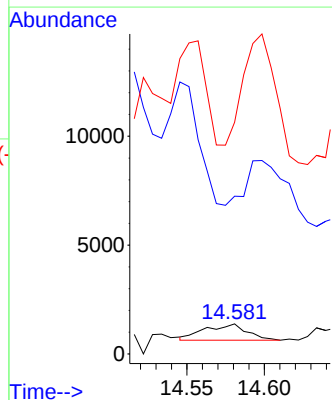
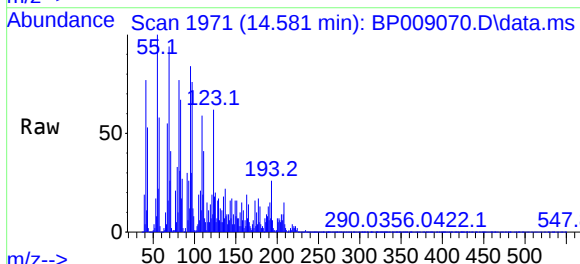
Instrument :
BNA_P
ClientSampleId :
270

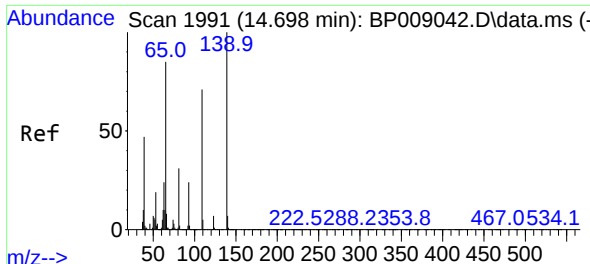
Tgt Ion:138 Resp: 124854
Ion Ratio Lower Upper
138 100
108 40.1 8.0 12.0#
92 22.5 81.7 122.5#



#54
2,4-Dinitrophenol
Concen: 2.657 ng
RT: 14.581 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:184 Resp: 1403
Ion Ratio Lower Upper
184 100
63 523.8 35.6 53.4#
154 769.1 43.4 65.0#

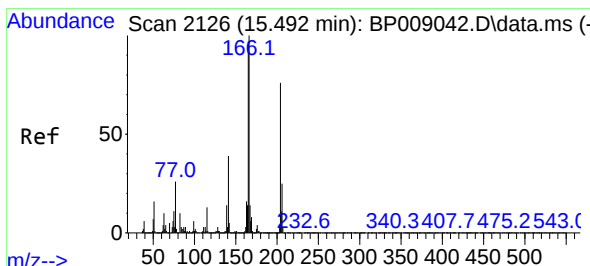
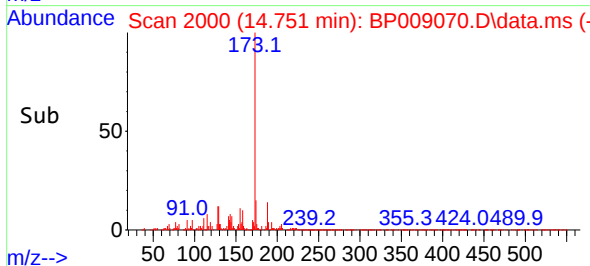
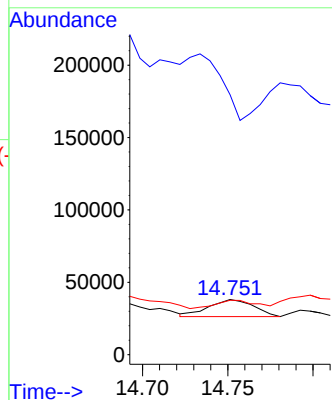
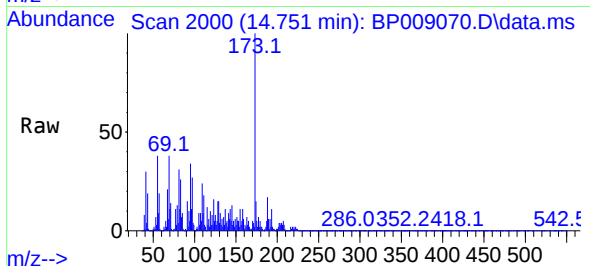




#56
4-Nitrophenol
Concen: 6.363 ng
RT: 14.751 min Scan# 20
Delta R.T. 0.053 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

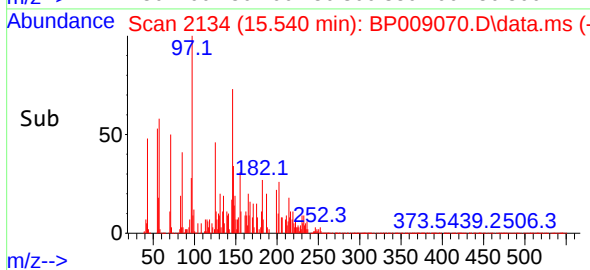
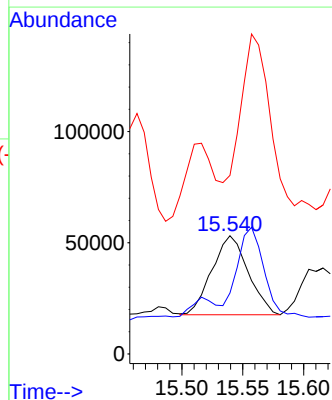
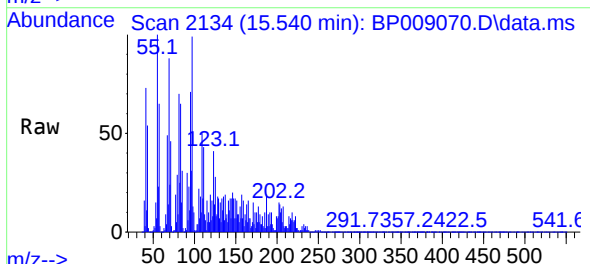
Instrument :
BNA_P
ClientSampleId :
270

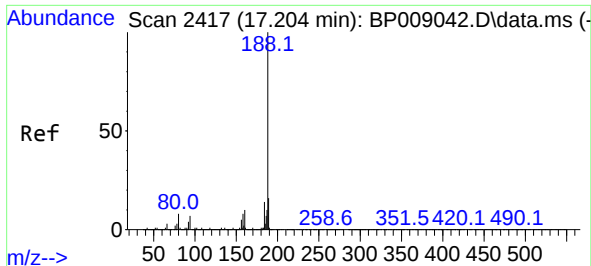
Tgt Ion:139 Resp: 21335
Ion Ratio Lower Upper
139 100
109 470.7 42.2 82.2#
65 98.7 57.3 97.3#



#61
4-Chlorophenyl-phenylether
Concen: 4.282 ng
RT: 15.540 min Scan# 2134
Delta R.T. 0.047 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:204 Resp: 73627
Ion Ratio Lower Upper
204 100
206 51.5 26.3 39.5#
141 150.9 39.1 58.7#

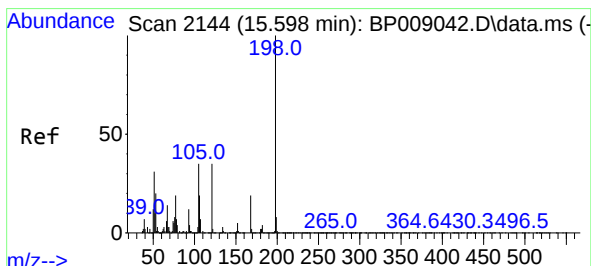
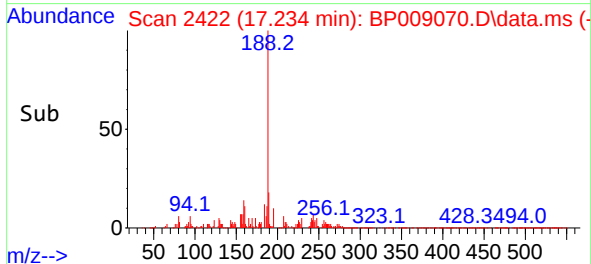
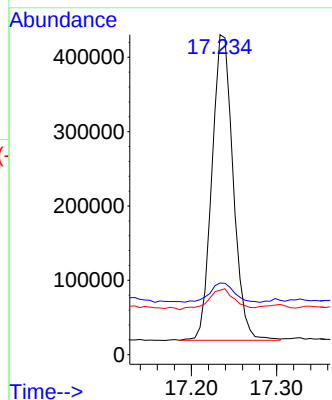
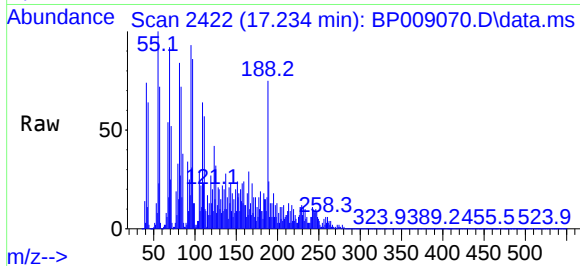




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2417
Delta R.T. 0.029 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

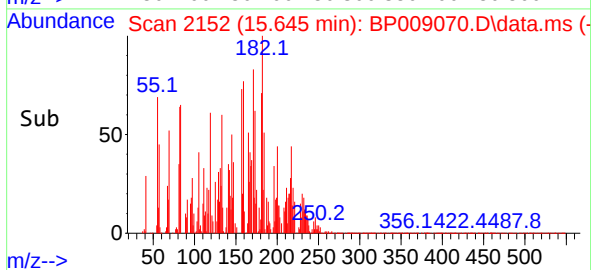
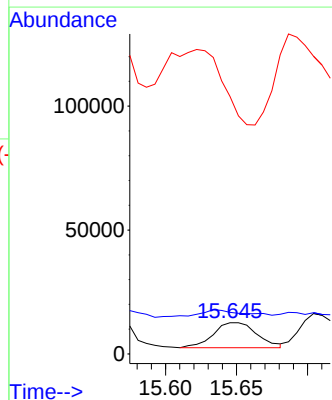
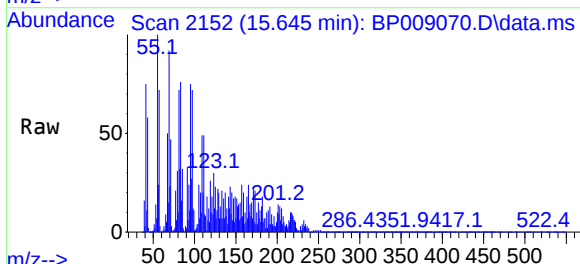
Instrument :
BNA_P
ClientSampleId :
270

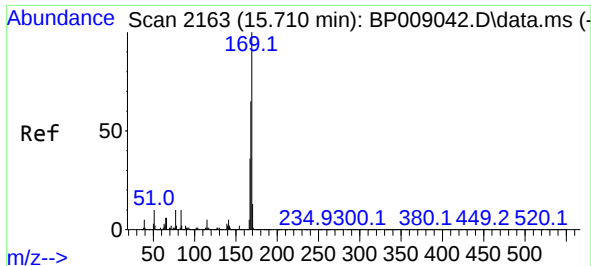
Tgt Ion:188 Resp: 709834
Ion Ratio Lower Upper
188 100
94 22.4 6.8 10.2#
80 20.1 7.2 10.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.934 ng
RT: 15.645 min Scan# 2152
Delta R.T. 0.047 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:198 Resp: 21495
Ion Ratio Lower Upper
198 100
51 133.0 6.8 46.8#
105 824.8 14.4 54.4#

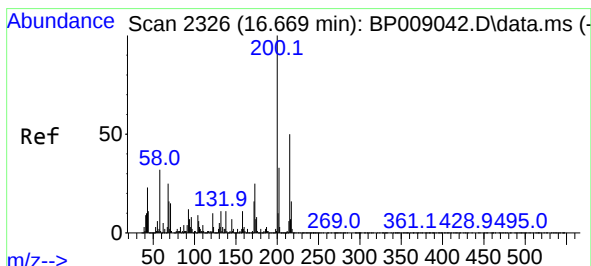
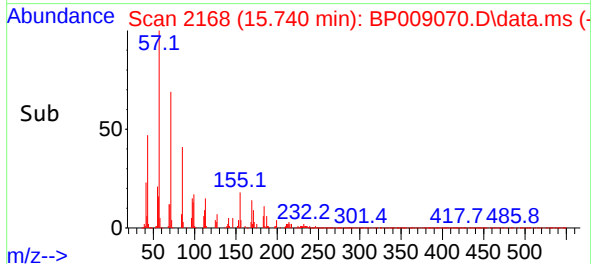
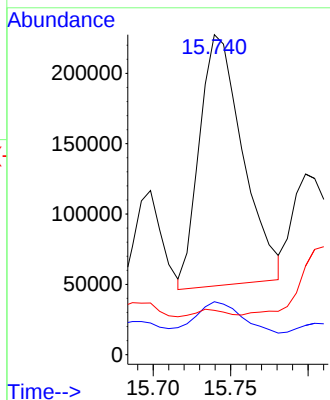
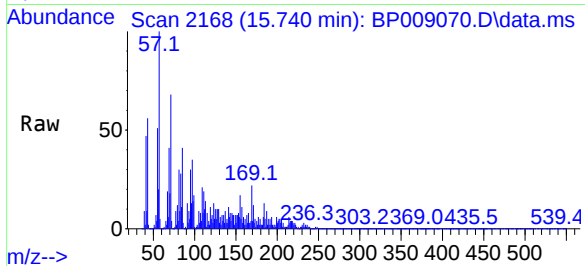




#66
n-Nitrosodiphenylamine
Concen: 16.137 ng
RT: 15.740 min Scan# 2168
Delta R.T. 0.029 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

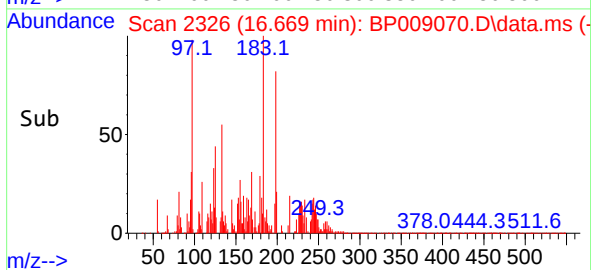
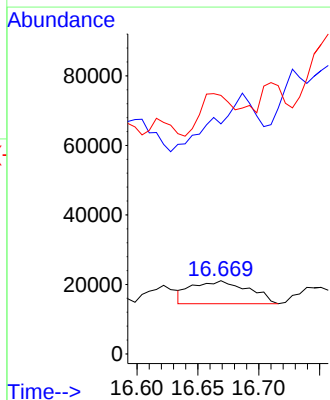
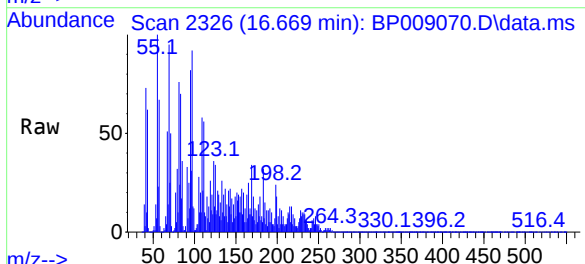
Instrument :
BNA_P
ClientSampleId :
270

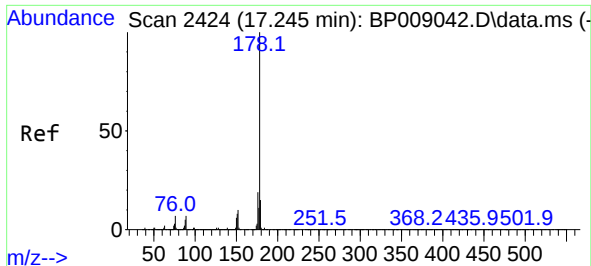
Tgt Ion:169 Resp: 347389
Ion Ratio Lower Upper
169 100
168 16.6 53.3 79.9#
167 13.9 29.0 43.6#



#69
Atrazine
Concen: 2.963 ng
RT: 16.669 min Scan# 2326
Delta R.T. 0.000 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:200 Resp: 21151
Ion Ratio Lower Upper
200 100
173 314.1 6.5 46.5#
215 352.8 29.6 69.6#

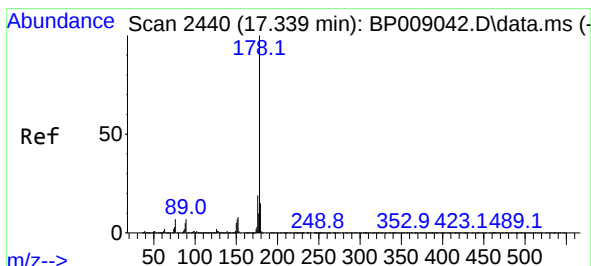
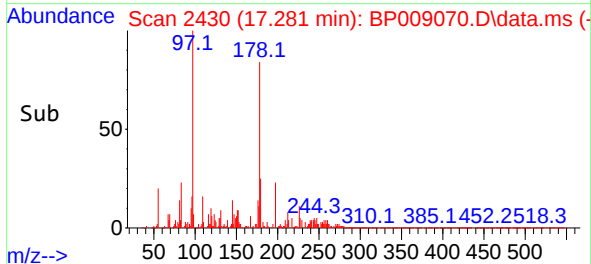
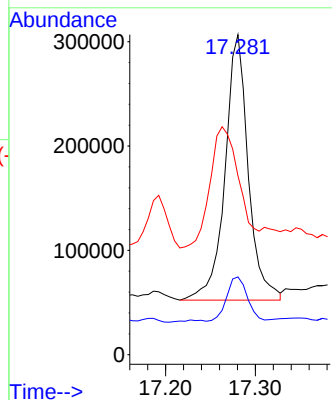
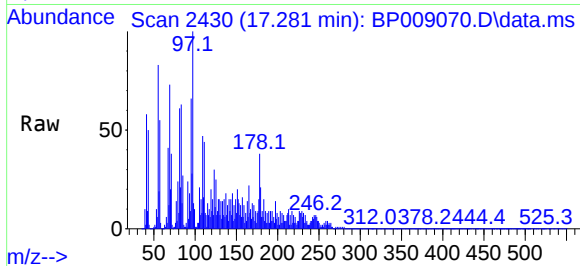




#71
Phenanthrene
Concen: 11.920 ng
RT: 17.281 min Scan# 24
Delta R.T. 0.035 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

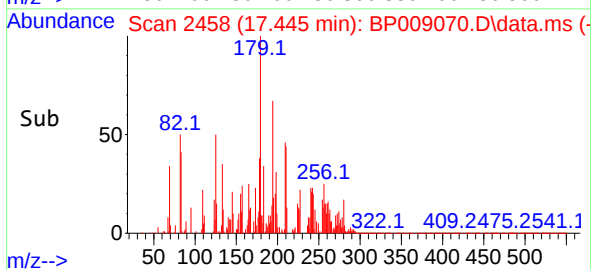
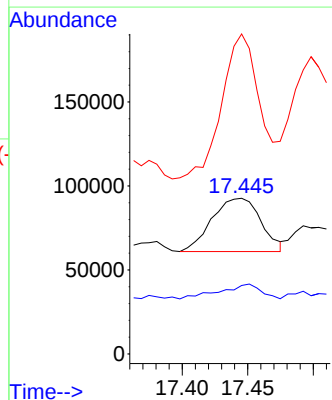
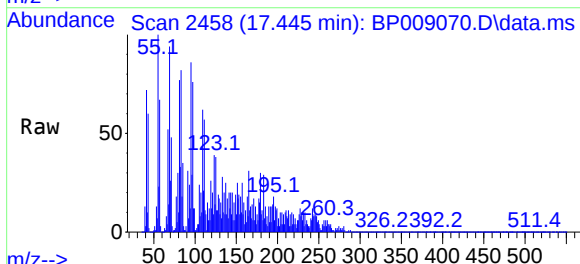
Instrument :
BNA_P
ClientSampleId :
270

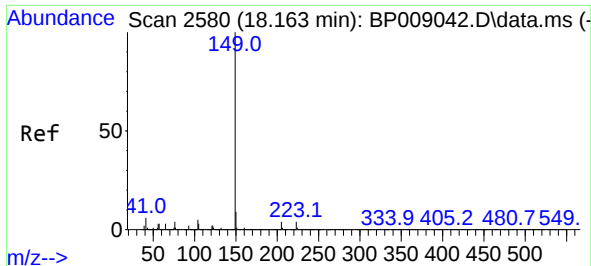
Tgt Ion:178 Resp: 458151
Ion Ratio Lower Upper
178 100
176 24.3 16.0 24.0#
179 55.9 13.0 19.4#



#72
Anthracene
Concen: 2.186 ng
RT: 17.445 min Scan# 2458
Delta R.T. 0.106 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:178 Resp: 82220
Ion Ratio Lower Upper
178 100
176 43.9 15.1 22.7#
179 205.5 12.8 19.2#

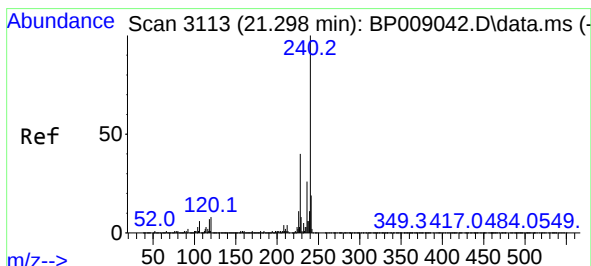
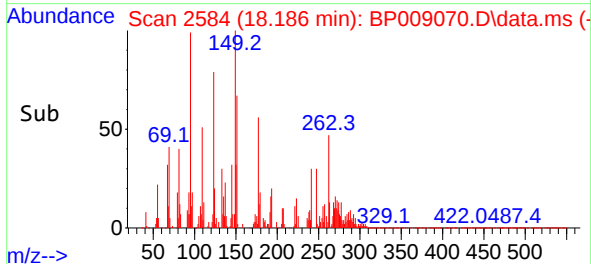
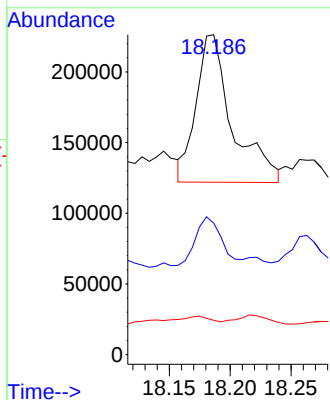
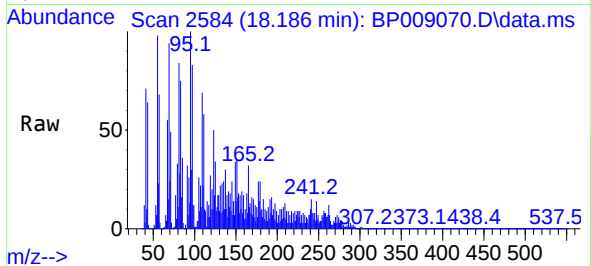




#74
Di-n-butylphthalate
Concen: 5.895 ng
RT: 18.186 min Scan# 215296
Delta R.T. 0.024 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

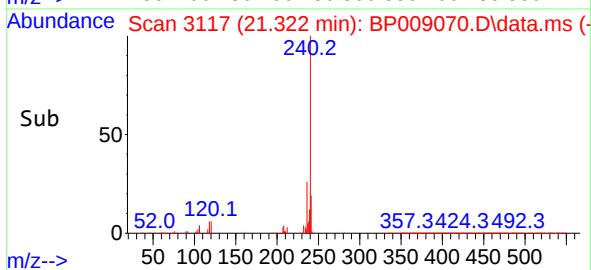
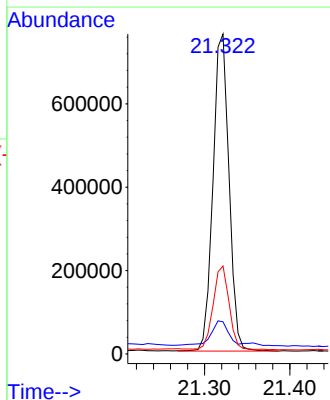
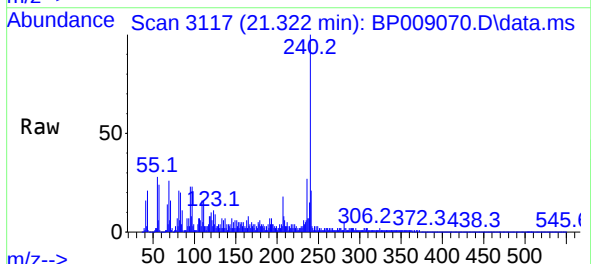
Instrument :
BNA_P
ClientSampleId :
270

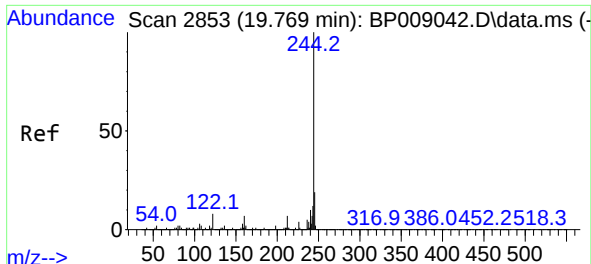
Tgt Ion:149 Resp: 215296
Ion Ratio Lower Upper
149 100
150 41.1 7.9 11.9#
104 10.8 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.024 min
Lab File: BP009070.D
Acq: 08 Feb 2022 21:38

Tgt Ion:240 Resp: 991991
Ion Ratio Lower Upper
240 100
120 10.1 7.7 11.5
236 27.5 21.2 31.8

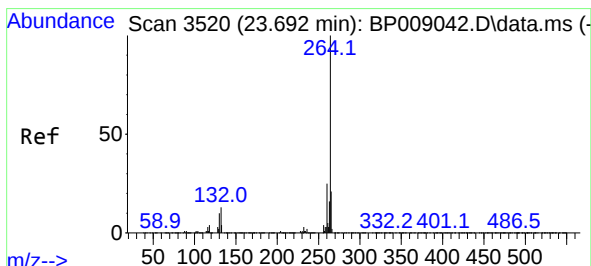
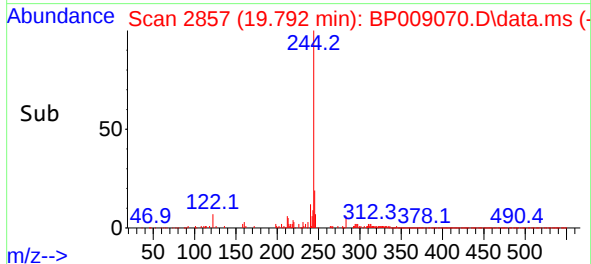
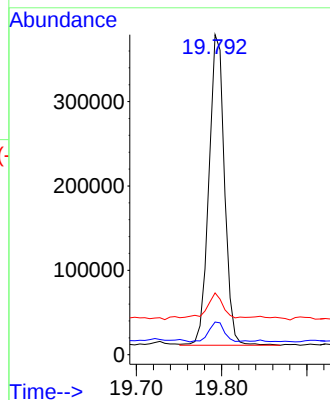
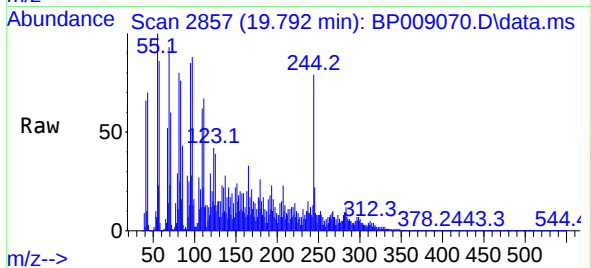




#79
 Terphenyl-d14
 Concen: 8.477 ng
 RT: 19.792 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BP009070.D
 Acq: 08 Feb 2022 21:38

Instrument :
 BNA_P
 ClientSampleId :
 270

Tgt Ion:244 Resp: 467602
 Ion Ratio Lower Upper
 244 100
 212 10.2 6.5 9.7#
 122 19.3 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.710 min Scan# 3523
 Delta R.T. 0.018 min
 Lab File: BP009070.D
 Acq: 08 Feb 2022 21:38

Tgt Ion:264 Resp: 1145214
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.1 28.7
 265 22.6 17.1 25.7

