

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
 Data File : BP009363.D
 Acq On : 11 Mar 2022 14:10
 Operator : CG/JU
 Sample : N1886-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 30970

Quant Time: Mar 12 04:49:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

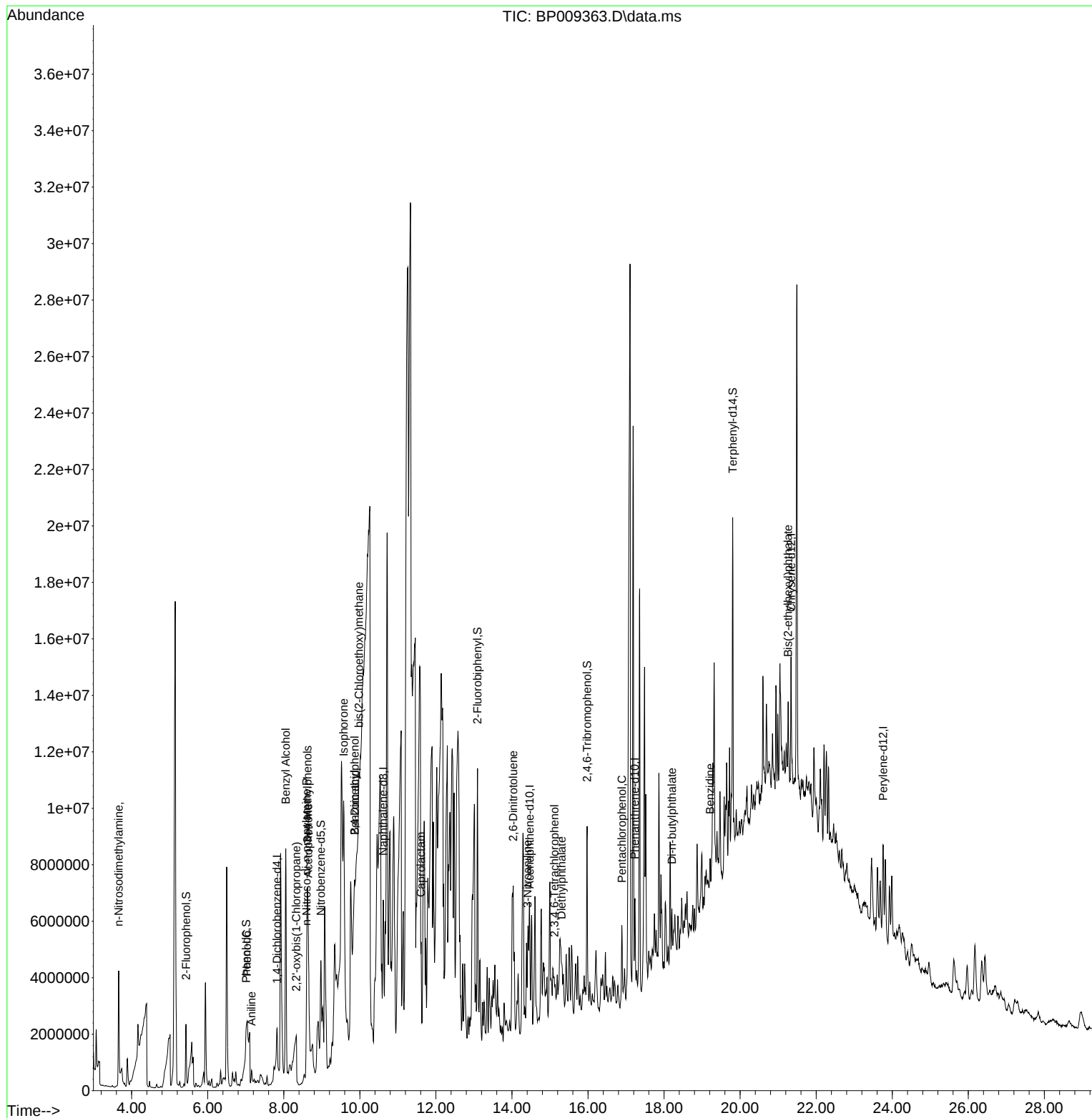
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	368541	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1377709	20.000	ng	# 0.00
39) Acenaphthene-d10	14.469	164	922930	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1945677	20.000	ng	0.00
76) Chrysene-d12	21.339	240	2072617	20.000	ng	0.01
86) Perylene-d12	23.763	264	2292391	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	983280	38.945	ng	0.02
7) Phenol-d6	7.011	99	781111	24.345	ng	0.02
23) Nitrobenzene-d5	8.975	82	2045482	81.775	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1547501	138.859	ng	0.02
45) 2-Fluorobiphenyl	13.093	172	4630315	68.994	ng	0.00
79) Terphenyl-d14	19.804	244	6292687	57.295	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.658	42	194387	20.348	ng	# 1
6) Aniline	7.152	93	516813	12.717	ng	99
10) Phenol	7.034	94	619946	18.659	ng	95
15) Benzyl Alcohol	8.052	79	868558	38.385	ng	# 57
16) 2,2'-oxybis(1-Chloropr...	8.328	45	230661	6.911	ng	78
19) n-Nitroso-di-n-propyla...	8.599	70	278180	14.376	ng	# 64
20) 3+4-Methylphenols	8.622	107	5713853	198.242	ng	90
22) Acetophenone	8.640	105	171051	4.645	ng	# 1
25) Isophorone	9.575	82	129636	2.771	ng	# 67
27) 2,4-Dimethylphenol	9.863	122	625685	27.702	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	147616	4.821	ng	# 93
32) Benzoic acid	9.863	122	625685	54.543	ng	# 14
35) Caprolactam	11.610	113	193644	30.200	ng	# 56
51) 2,6-Dinitrotoluene	14.034	165	37635	2.800	ng	# 73
53) 3-Nitroaniline	14.410	138	42826	2.999	ng	# 27
59) 2,3,4,6-Tetrachlorophenol	15.116	232	91135	5.284	ng	# 68
60) Diethylphthalate	15.304	149	264148	3.986	ng	# 89
70) Pentachlorophenol	16.892	266	556424	37.548	ng	97
74) Di-n-butylphthalate	18.204	149	269651	2.402	ng	# 85
77) Benzidine	19.210	184	237253	3.280	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.263	149	1206832	14.939	ng	# 98

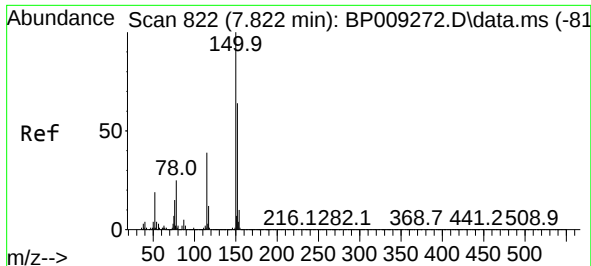
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031122\
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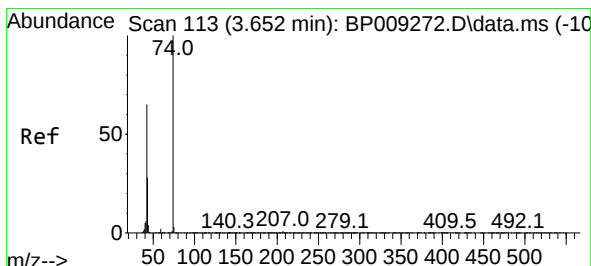
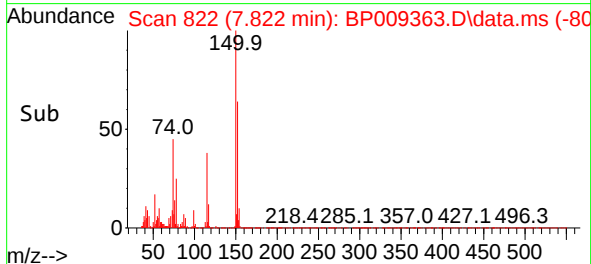
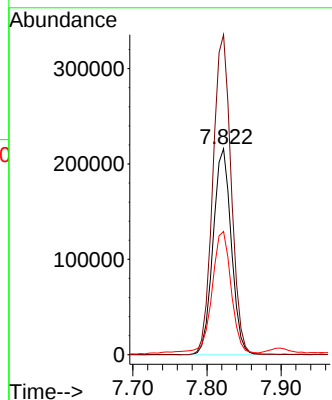
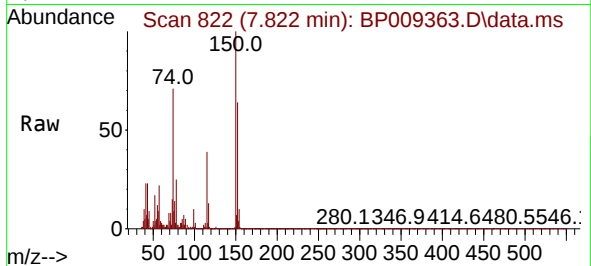




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

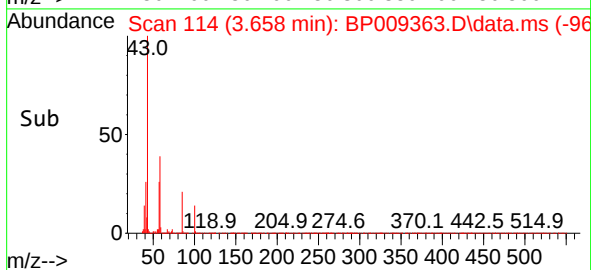
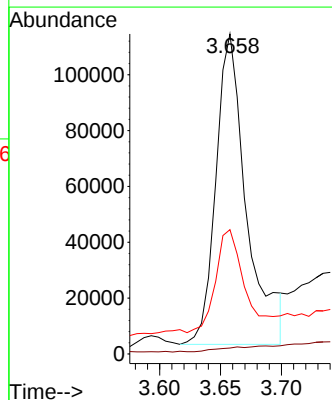
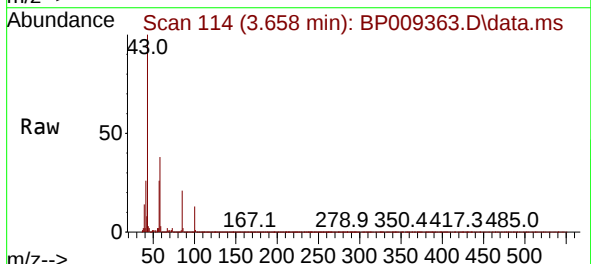
Instrument :
BNA_P
ClientSampleId :
30970

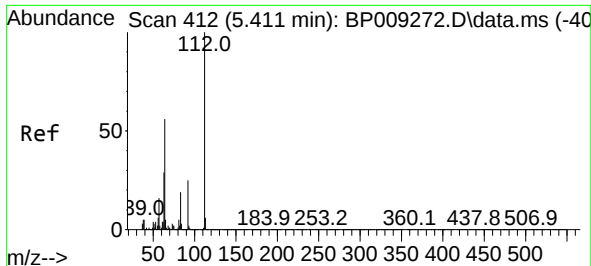
Tgt Ion:152 Resp: 368541
Ion Ratio Lower Upper
152 100
150 155.4 124.5 186.7
115 59.8 48.2 72.4



#4
n-Nitrosodimethylamine
Concen: 20.348 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion: 42 Resp: 194387
Ion Ratio Lower Upper
42 100
74 1.9 122.1 183.1#
44 38.8 5.8 8.8#

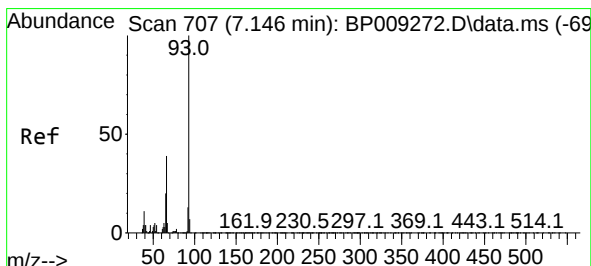
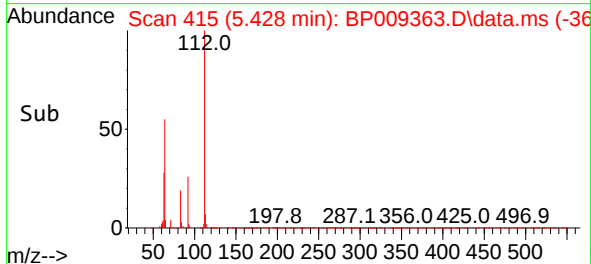
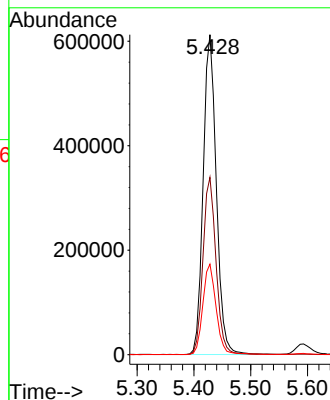
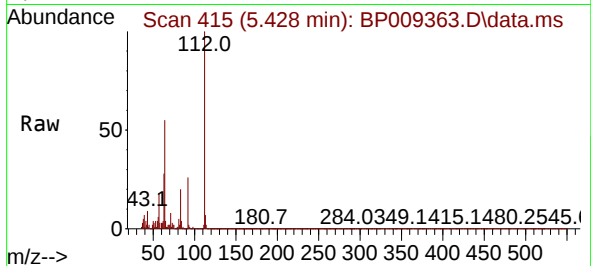




#5
2-Fluorophenol
Concen: 38.945 ng
RT: 5.428 min Scan# 41
Delta R.T. 0.017 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

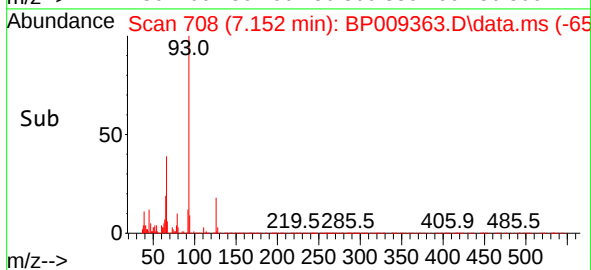
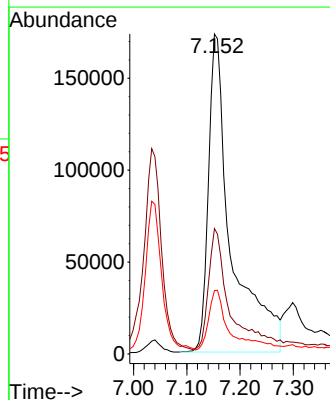
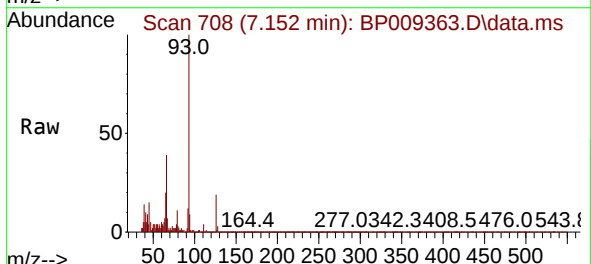
Instrument :
BNA_P
ClientSampleId :
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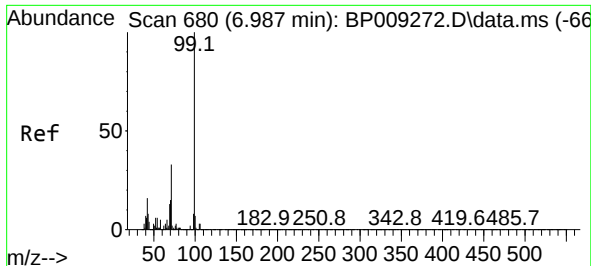
Tgt Ion:112 Resp: 983280
Ion Ratio Lower Upper
112 100
64 55.4 45.0 67.4
63 28.3 23.0 34.6



#6
Aniline
Concen: 12.717 ng
RT: 7.152 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion: 93 Resp: 516813
Ion Ratio Lower Upper
93 100
66 39.2 30.9 46.3
65 19.8 15.8 23.8

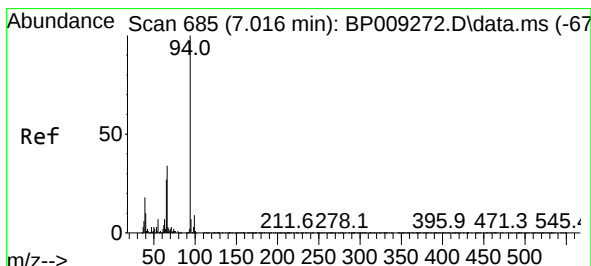
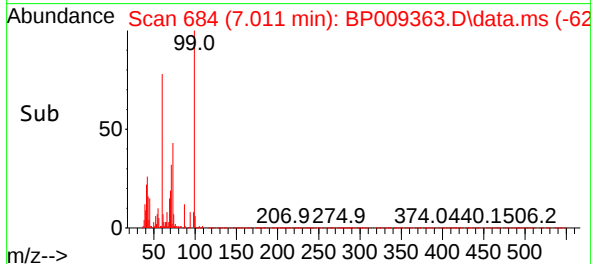
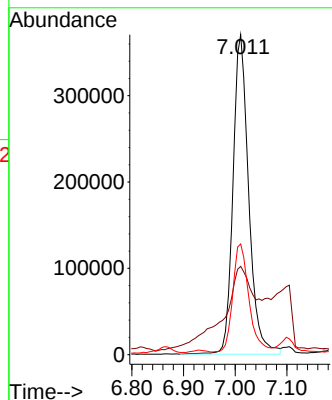
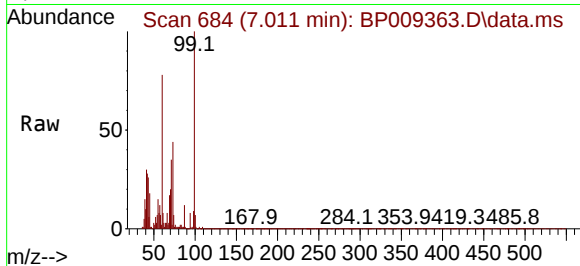




#7
Phenol-d6
Concen: 24.345 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

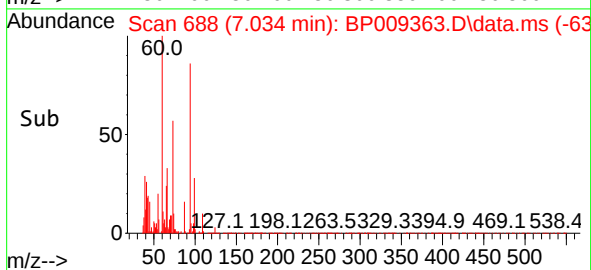
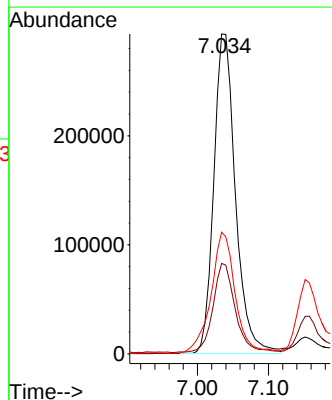
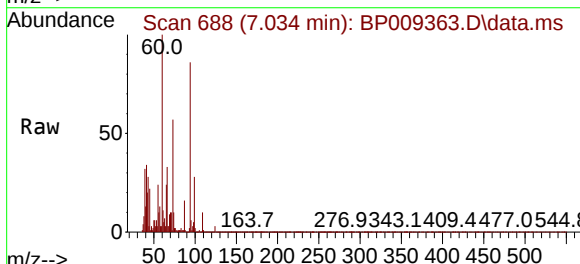
Instrument :
BNA_P
ClientSampleId :
30970

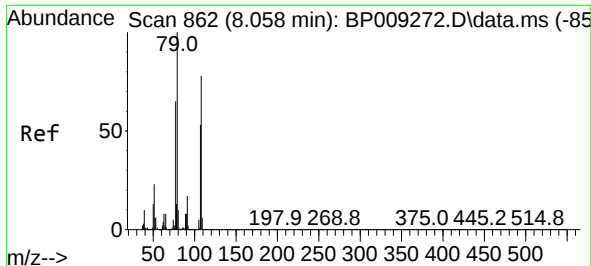
Tgt Ion: 99 Resp: 781111
Ion Ratio Lower Upper
99 100
42 27.6 12.8 19.2#
71 34.6 26.3 39.5



#10
Phenol
Concen: 18.659 ng
RT: 7.034 min Scan# 688
Delta R.T. 0.018 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion: 94 Resp: 619946
Ion Ratio Lower Upper
94 100
65 28.3 7.2 47.2
66 38.1 14.3 54.3

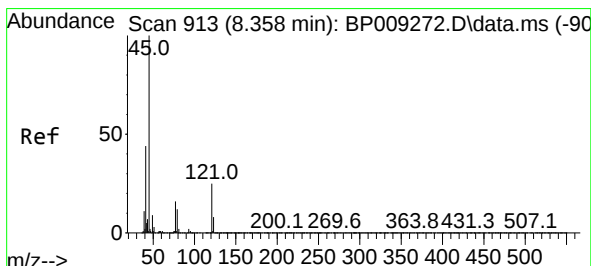
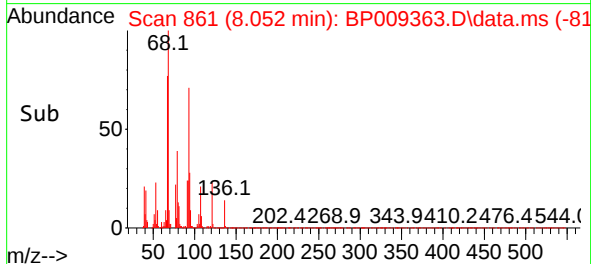
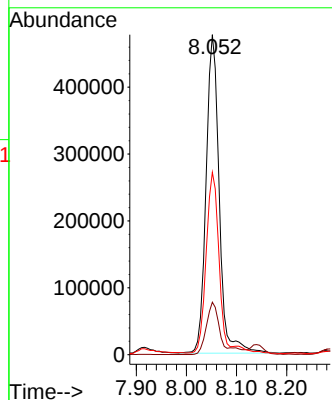
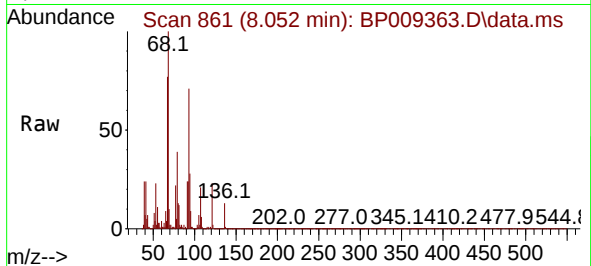




#15
Benzyl Alcohol
Concen: 38.385 ng
RT: 8.052 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

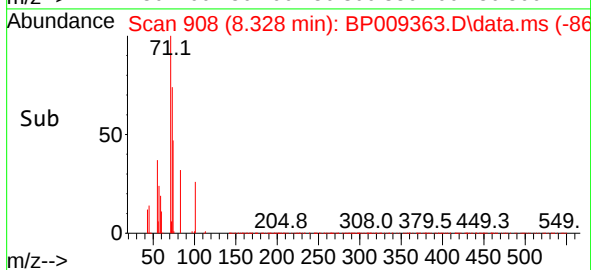
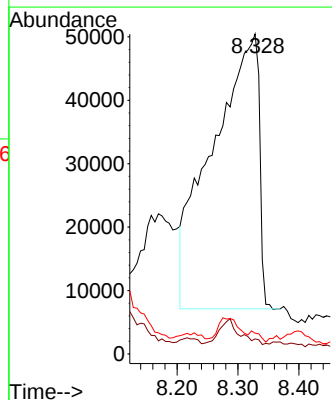
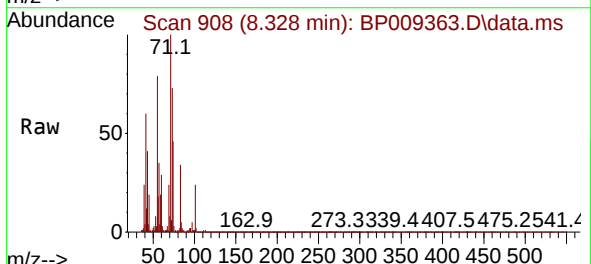
Instrument :
BNA_P
ClientSampleId :
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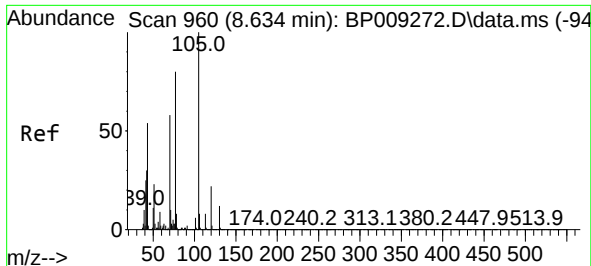
Tgt Ion: 79 Resp: 868558
Ion Ratio Lower Upper
79 100
108 16.4 62.5 93.7#
77 57.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.911 ng
RT: 8.328 min Scan# 908
Delta R.T. -0.029 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion: 45 Resp: 230661
Ion Ratio Lower Upper
45 100
77 4.7 0.0 36.5
79 6.5 0.0 32.4

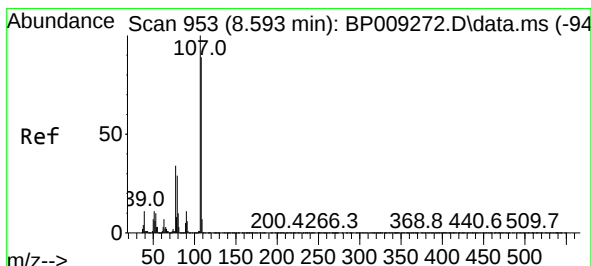
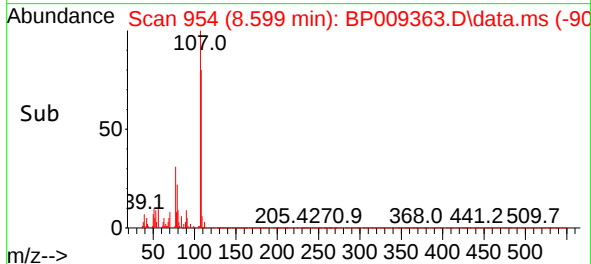
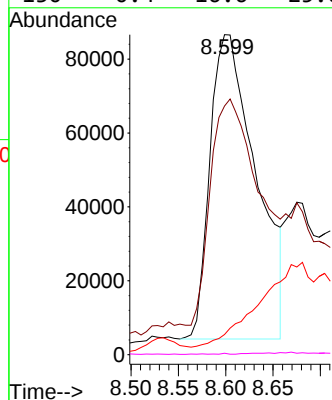
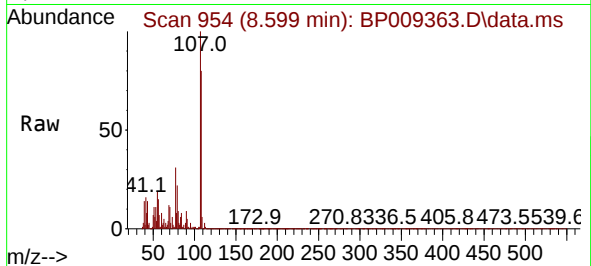




#19
n-Nitroso-di-n-propylamine
Concen: 14.376 ng
RT: 8.599 min Scan# 91
Delta R.T. -0.035 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

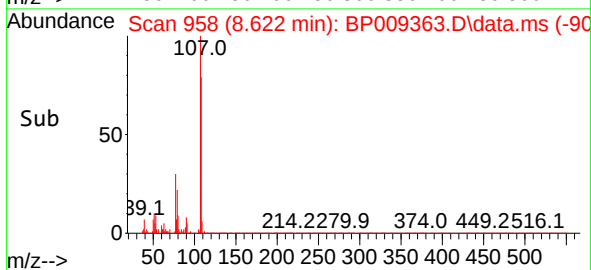
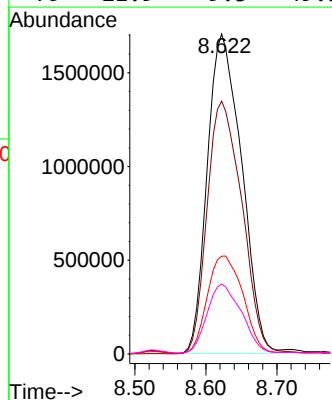
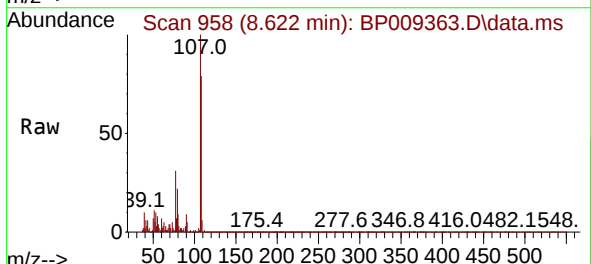
Instrument :
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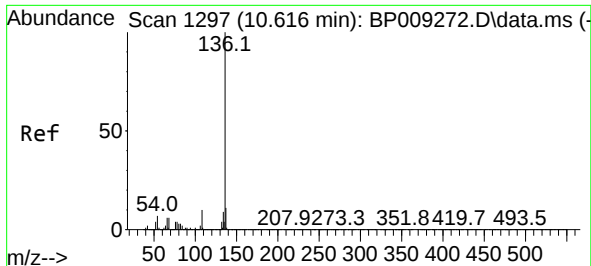
Tgt Ion: 70 Resp: 278180
Ion Ratio Lower Upper
70 100
42 77.7 41.0 61.4#
101 6.3 7.9 11.9#
130 0.4 16.6 25.0#



#20
3+4-Methylphenols
Concen: 198.242 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.029 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion: 107 Resp: 5713853
Ion Ratio Lower Upper
107 100
108 79.0 69.4 109.4
77 30.6 13.6 53.6
79 21.9 9.3 49.3

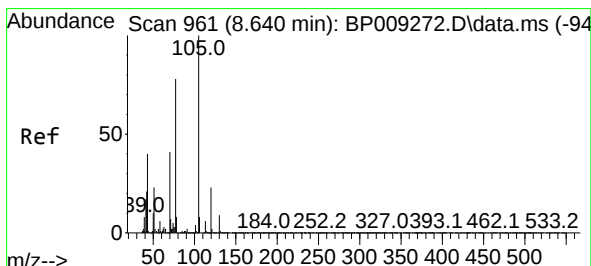
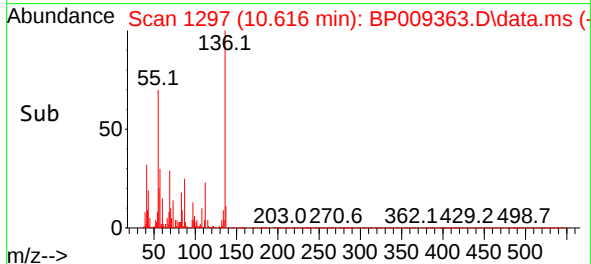
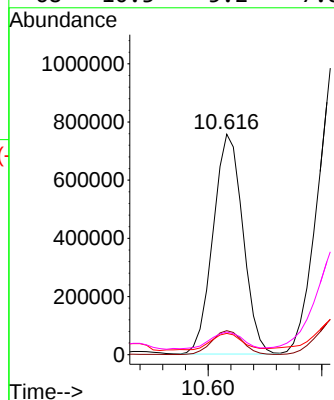
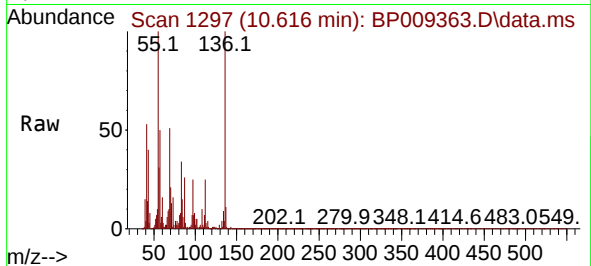




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

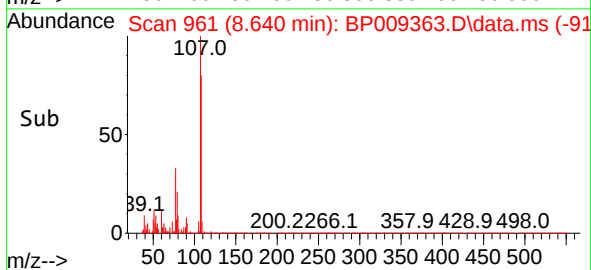
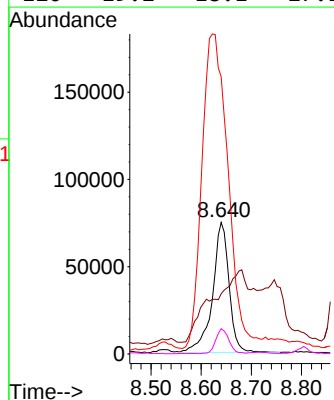
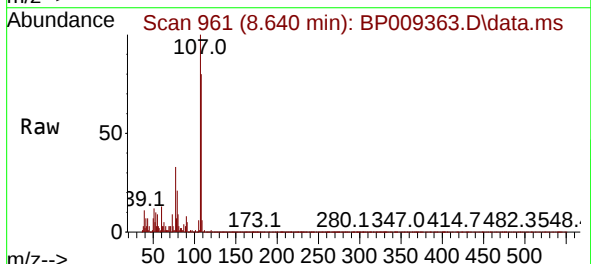
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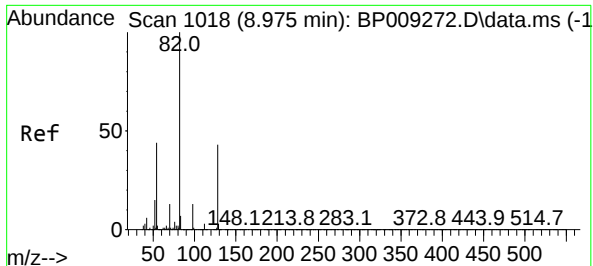
Tgt Ion:136 Resp: 1377709
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 5.8 8.8#
68 10.3 5.2 7.8#



#22
Acetophenone
Concen: 4.645 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion:105 Resp: 171051
Ion Ratio Lower Upper
105 100
71 45.7 5.5 8.3#
51 210.7 18.9 28.3#
120 19.2 18.1 27.1

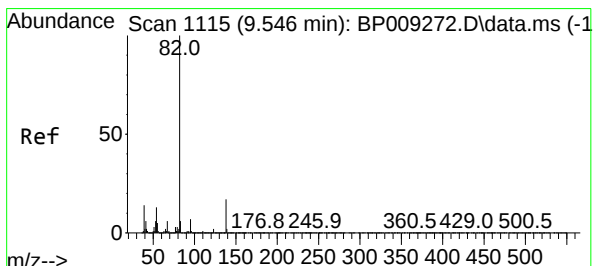
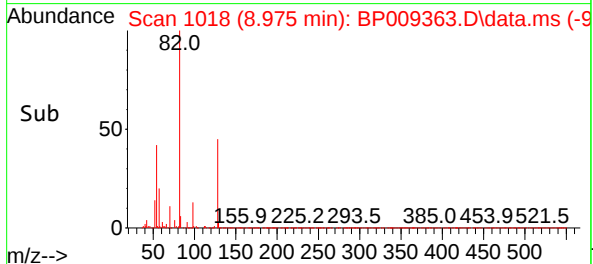
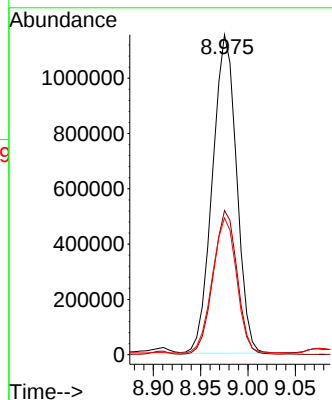
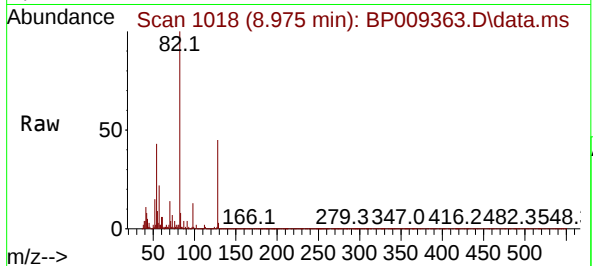




#23
Nitrobenzene-d5
Concen: 81.775 ng
RT: 8.975 min Scan# 110
Delta R.T. 0.000 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

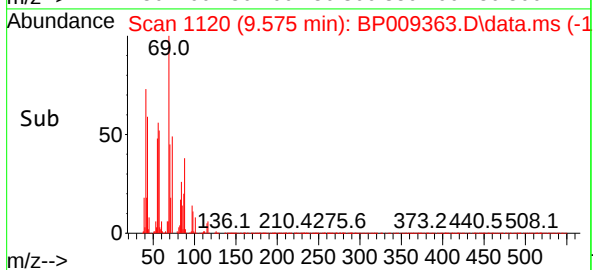
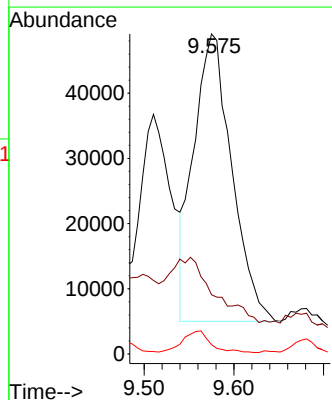
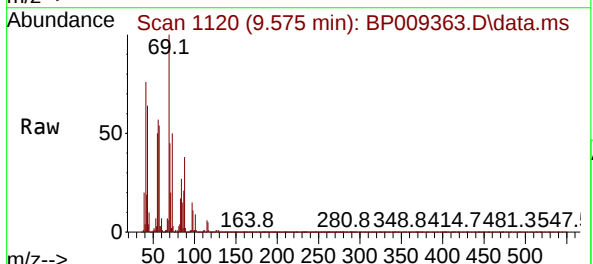
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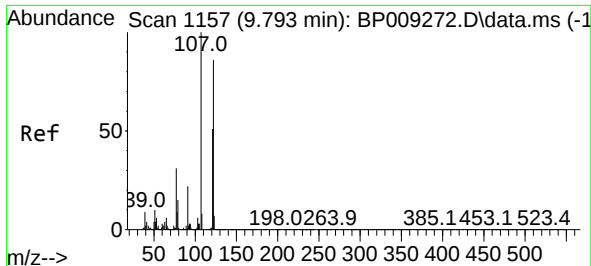
Tgt Ion: 82 Resp: 2045482
Ion Ratio Lower Upper
82 100
128 45.0 34.2 51.4
54 42.7 34.7 52.1



#25
Isophorone
Concen: 2.771 ng
RT: 9.575 min Scan# 1120
Delta R.T. 0.029 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion: 82 Resp: 129636
Ion Ratio Lower Upper
82 100
95 18.5 5.5 8.3#
138 2.9 13.8 20.8#





#27

2,4-Dimethylphenol

Concen: 27.702 ng

RT: 9.863 min Scan# 1169

Delta R.T. 0.071 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

Instrument :

BNA_P

ClientSampleId :

30970

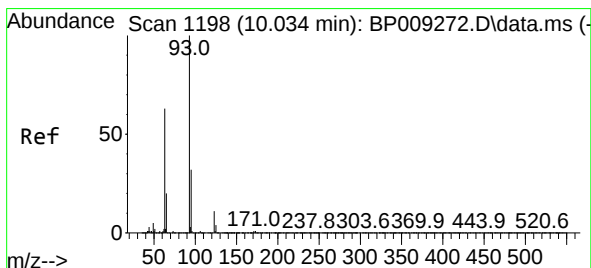
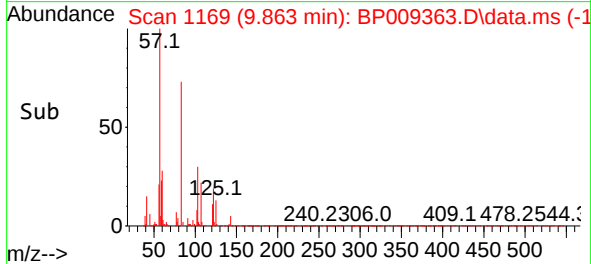
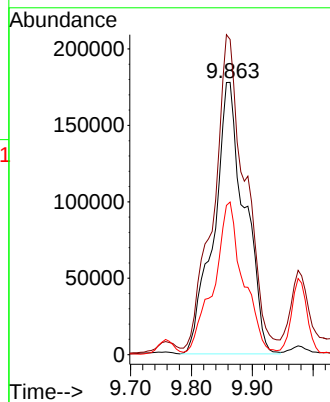
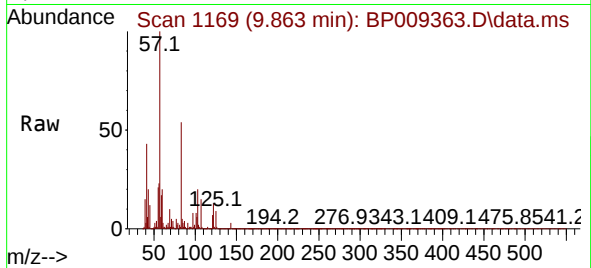
Tgt Ion:122 Resp: 625685

Ion Ratio Lower Upper

122 100

107 115.8 92.6 138.8

121 56.0 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 4.821 ng

RT: 9.975 min Scan# 1188

Delta R.T. -0.059 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

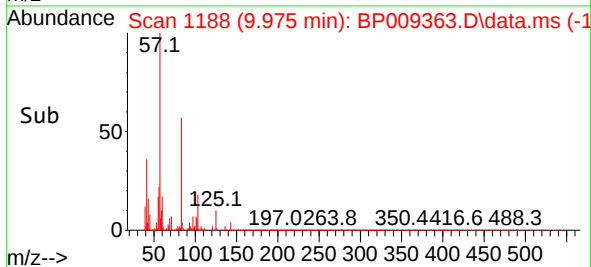
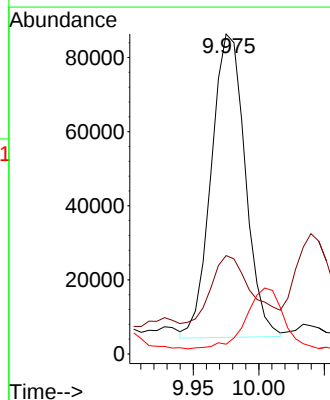
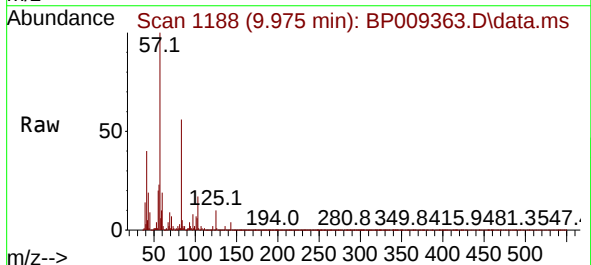
Tgt Ion: 93 Resp: 147616

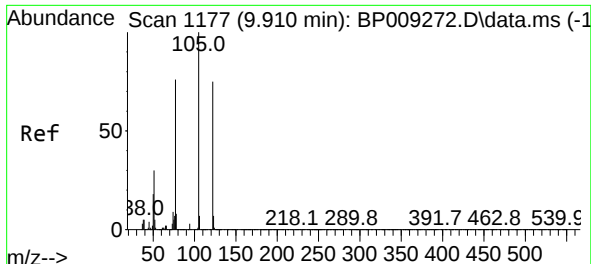
Ion Ratio Lower Upper

93 100

95 30.8 25.5 38.3

123 3.1 8.9 13.3#

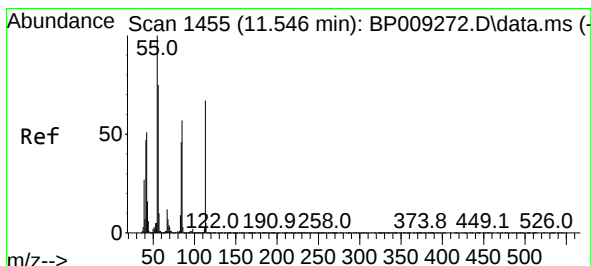
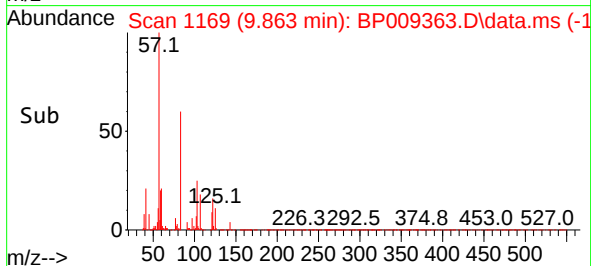
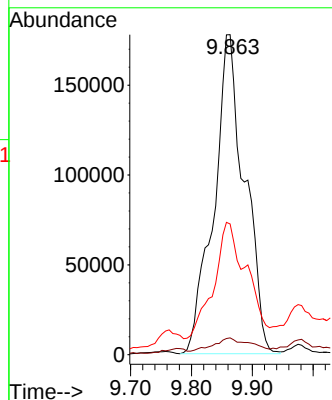
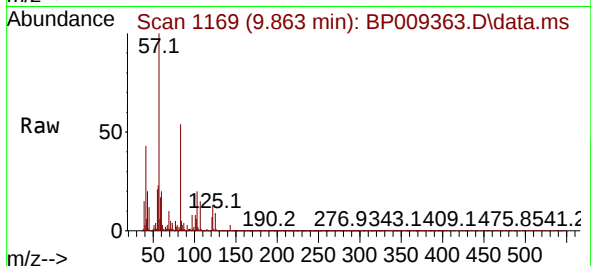




#32
Benzoic acid
Concen: 54.543 ng
RT: 9.863 min Scan# 1177
Delta R.T. -0.047 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

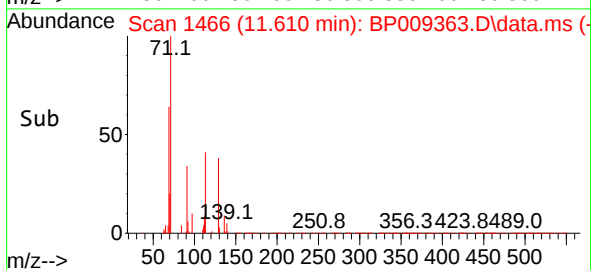
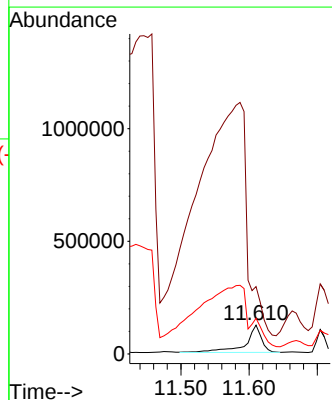
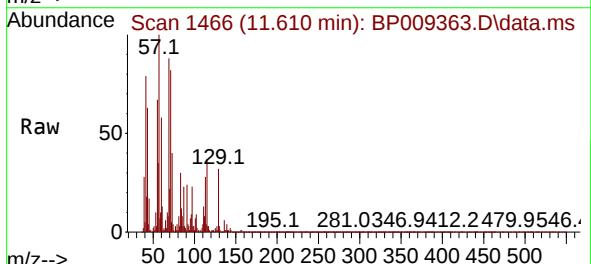
Instrument :
BNA_P
ClientSampleId :
30970

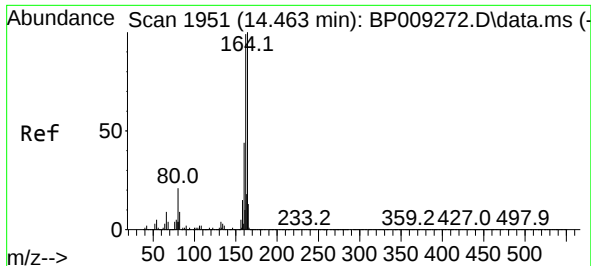
Tgt Ion:122 Resp: 625685
Ion Ratio Lower Upper
122 100
105 5.3 110.5 150.5#
77 40.9 79.9 119.9#



#35
Caprolactam
Concen: 30.200 ng
RT: 11.610 min Scan# 1466
Delta R.T. 0.065 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion:113 Resp: 193644
Ion Ratio Lower Upper
113 100
55 233.9 128.4 168.4#
56 124.1 90.9 130.9

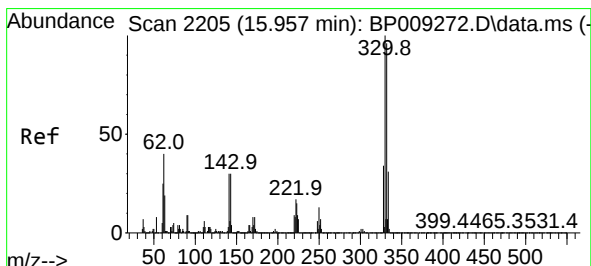
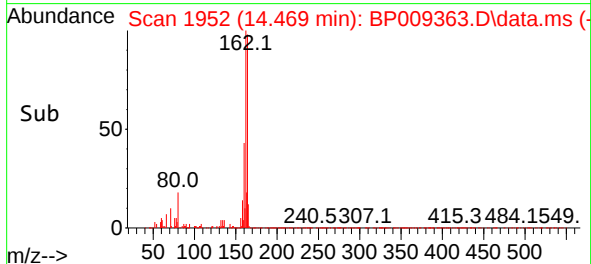
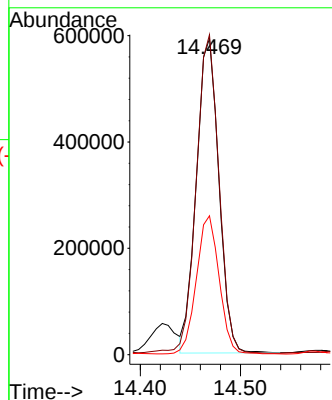
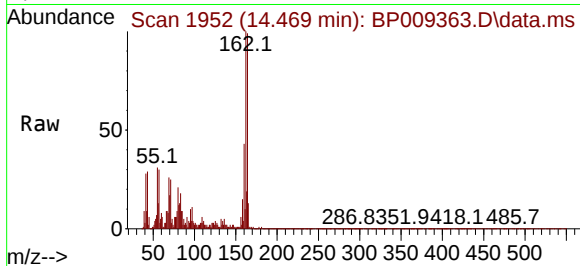




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1951
Delta R.T. 0.006 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

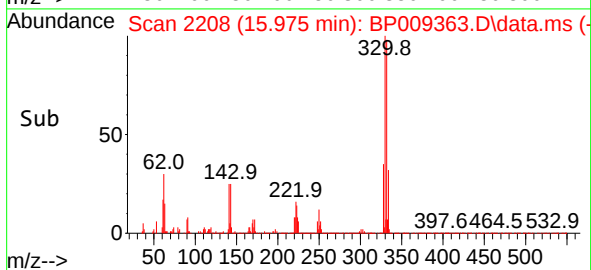
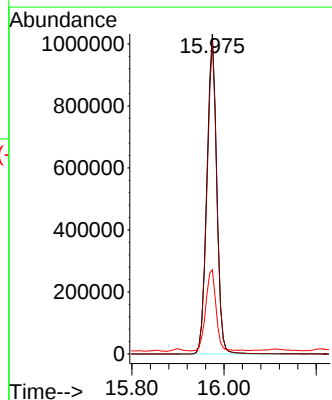
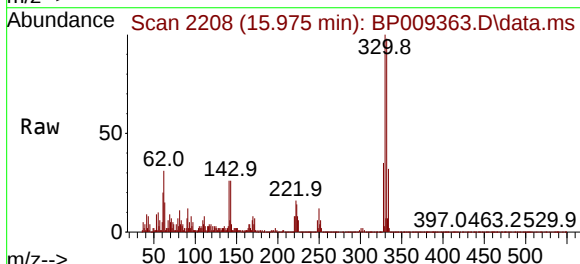
Instrument :
BNA_P
ClientSampleId :
30970

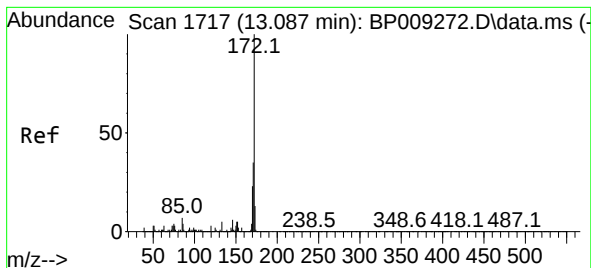
Tgt Ion:164 Resp: 922930
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 43.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 138.859 ng
RT: 15.975 min Scan# 2208
Delta R.T. 0.018 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion:330 Resp: 1547501
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 26.6 27.6 41.4#





#45

2-Fluorobiphenyl

Concen: 68.994 ng

RT: 13.093 min Scan# 1718

Delta R.T. 0.006 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

Instrument :

BNA_P

ClientSampleId :

30970

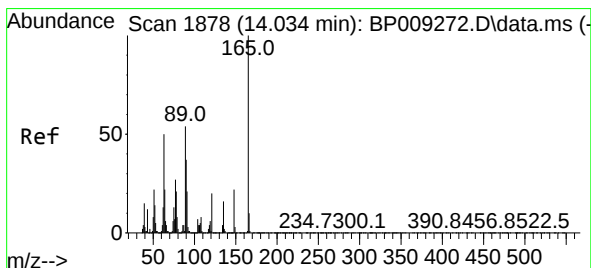
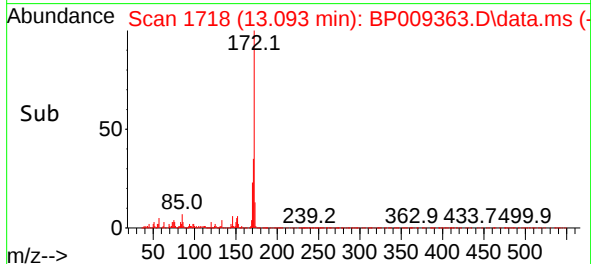
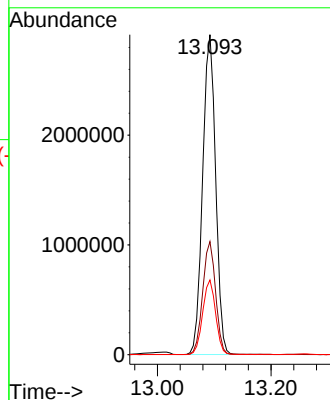
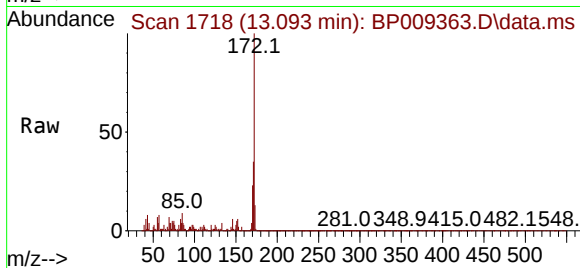
Tgt Ion:172 Resp: 4630315

Ion Ratio Lower Upper

172 100

171 35.3 28.0 42.0

170 23.3 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 2.800 ng

RT: 14.034 min Scan# 1878

Delta R.T. 0.000 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

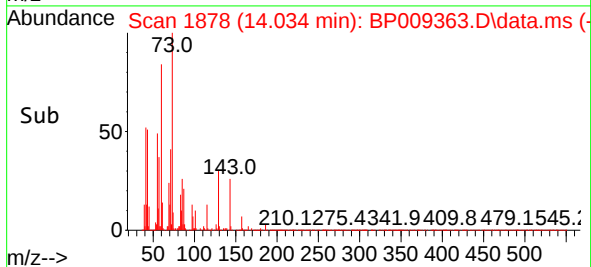
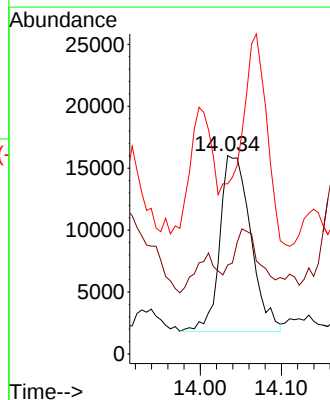
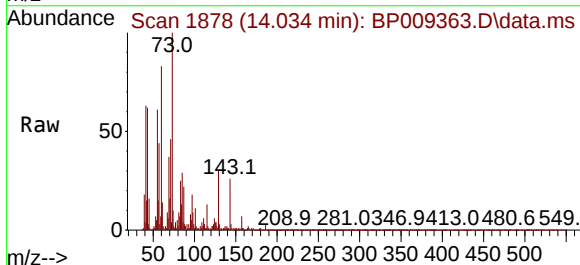
Tgt Ion:165 Resp: 37635

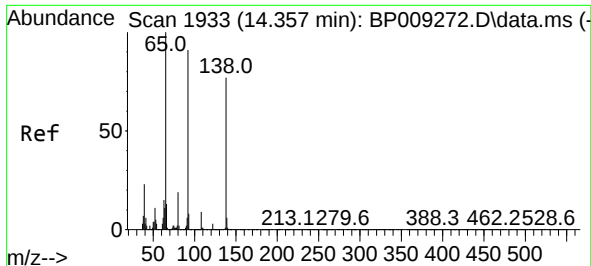
Ion Ratio Lower Upper

165 100

63 44.9 40.9 61.3

89 85.7 43.4 65.2#

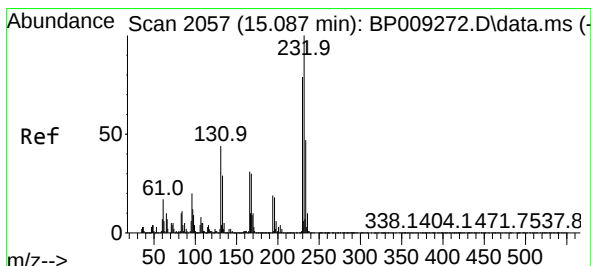
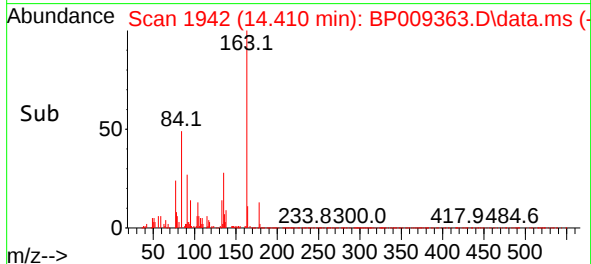
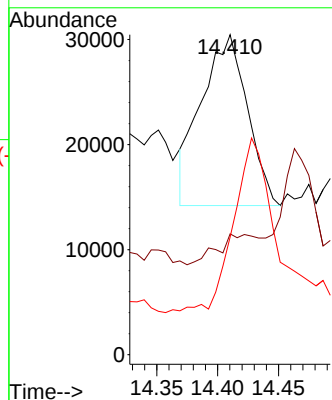
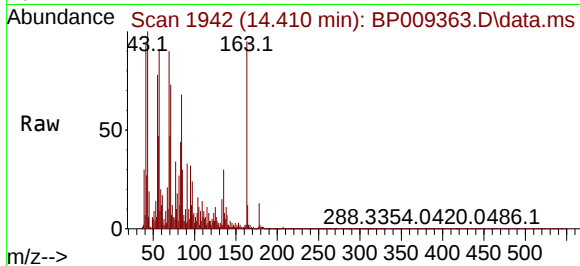




#53
3-Nitroaniline
Concen: 2.999 ng
RT: 14.410 min Scan# 1933
Delta R.T. 0.053 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

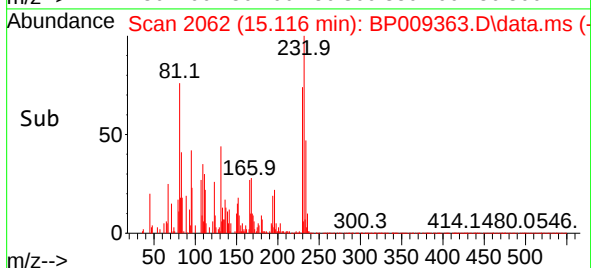
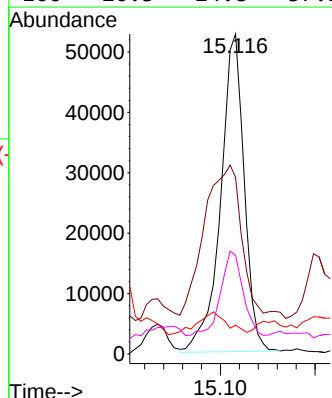
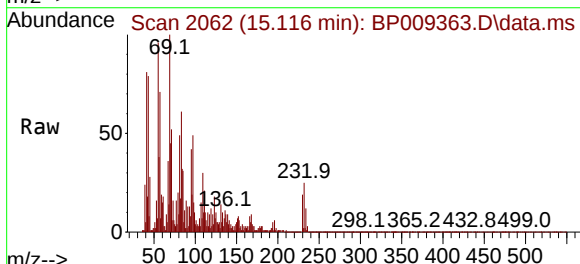
Instrument :
BNA_P
ClientSampleId :
30970

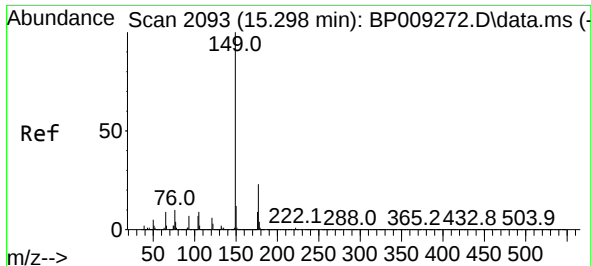
Tgt Ion:138 Resp: 42826
Ion Ratio Lower Upper
138 100
108 37.7 9.7 14.5#
92 36.8 94.4 141.6#



#59
2,3,4,6-Tetrachlorophenol
Concen: 5.284 ng
RT: 15.116 min Scan# 2062
Delta R.T. 0.029 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion:232 Resp: 91135
Ion Ratio Lower Upper
232 100
131 77.0 35.5 53.3#
130 0.0 1.8 2.8#
166 26.3 24.8 37.2

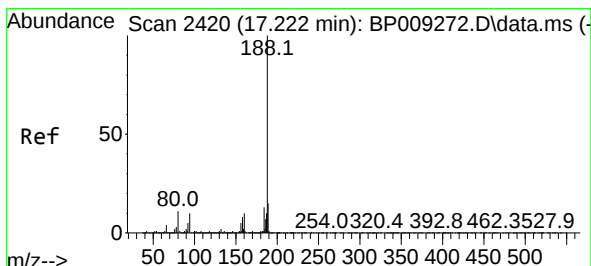
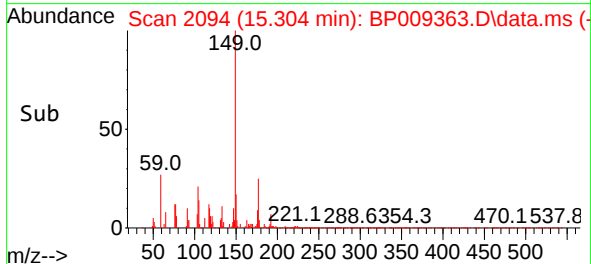
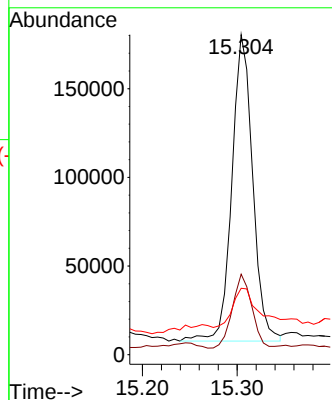
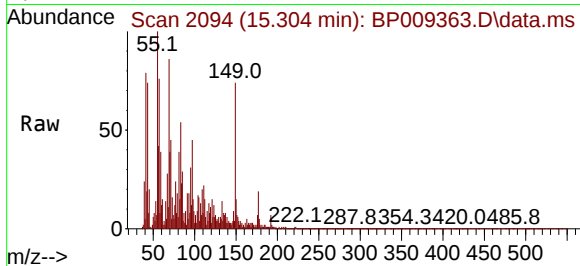




#60
Diethylphthalate
Concen: 3.986 ng
RT: 15.304 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

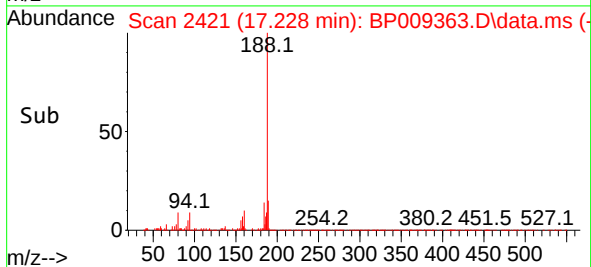
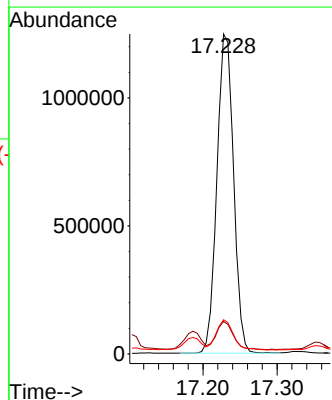
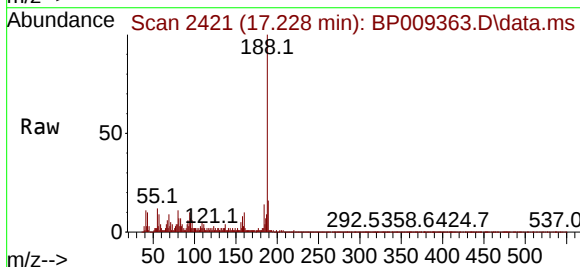
Instrument :
BNA_P
ClientSampleId :
30970

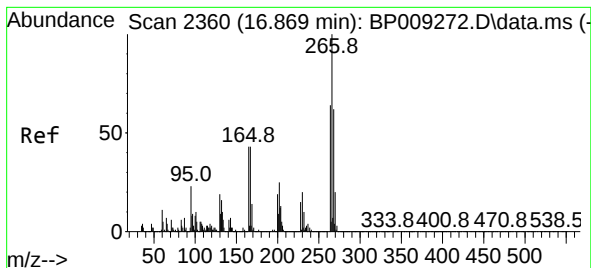
Tgt Ion:149 Resp: 264148
Ion Ratio Lower Upper
149 100
177 25.2 18.2 27.2
150 20.8 9.9 14.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion:188 Resp: 1945677
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.7 8.8 13.2





#70

Pentachlorophenol

Concen: 37.548 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

Instrument :

BNA_P

ClientSampleId :

30970

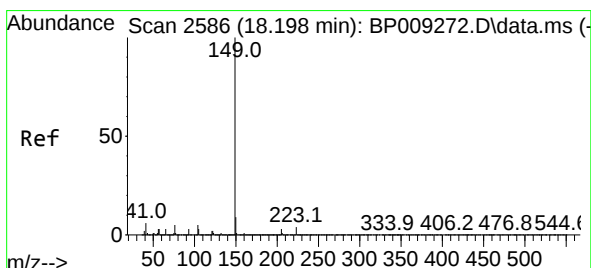
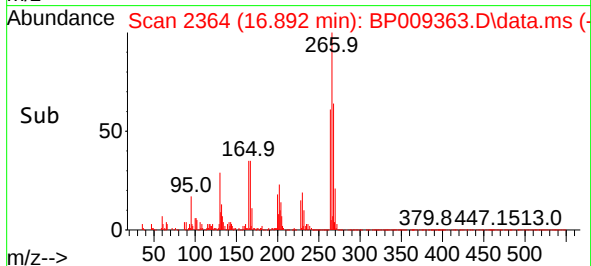
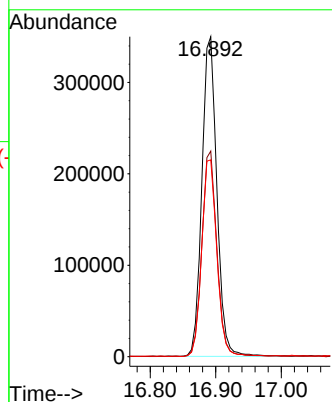
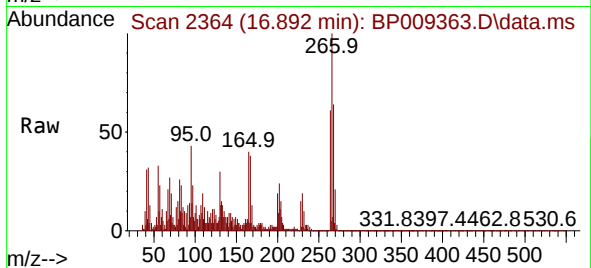
Tgt Ion:266 Resp: 556424

Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.8

264 61.5 50.9 76.3



#74

Di-n-butylphthalate

Concen: 2.402 ng

RT: 18.204 min Scan# 2587

Delta R.T. 0.006 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

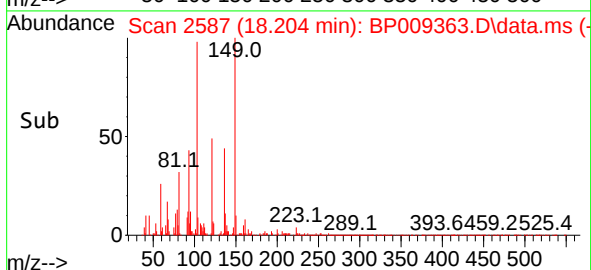
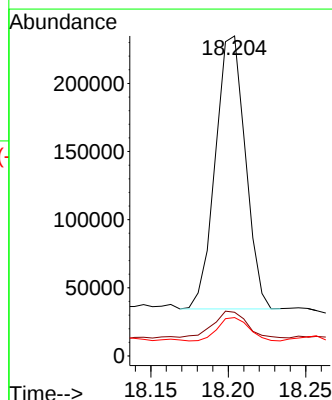
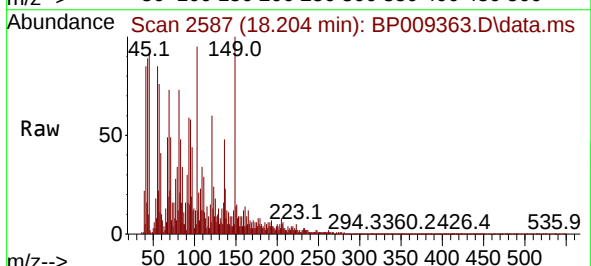
Tgt Ion:149 Resp: 269651

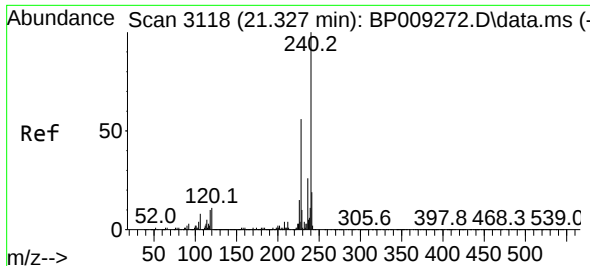
Ion Ratio Lower Upper

149 100

150 13.6 7.3 10.9#

104 12.0 4.2 6.2#

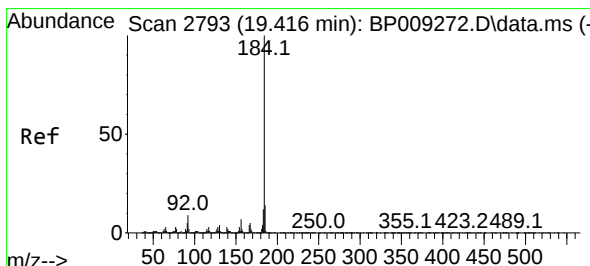
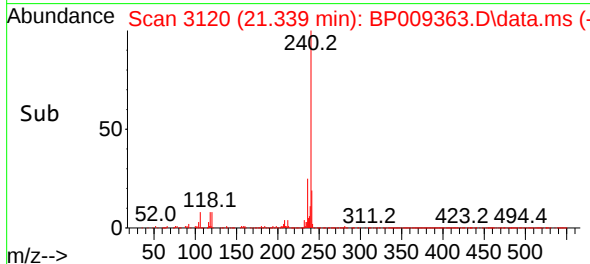
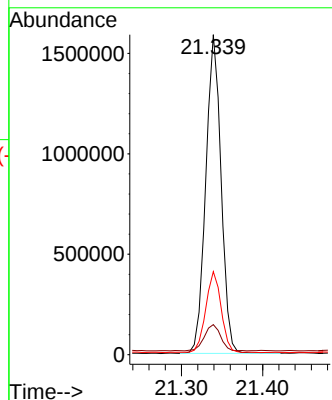
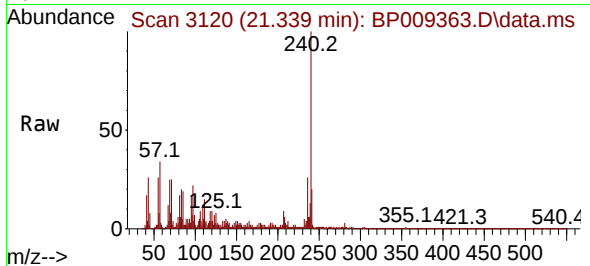




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

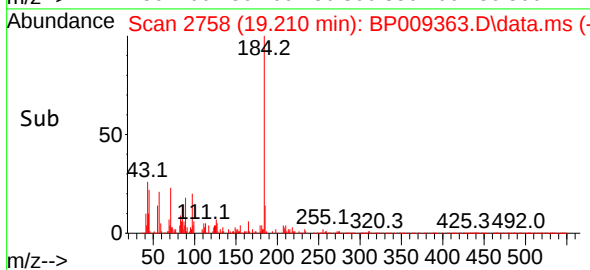
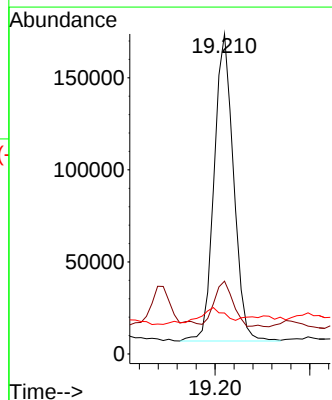
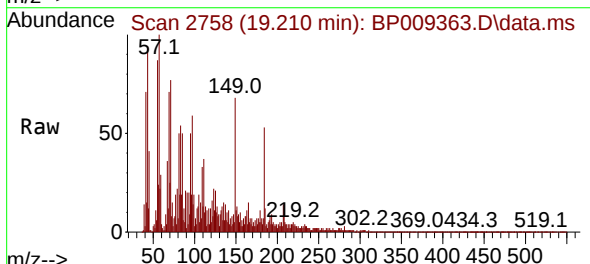
Instrument :
BNA_P
ClientSampleId :
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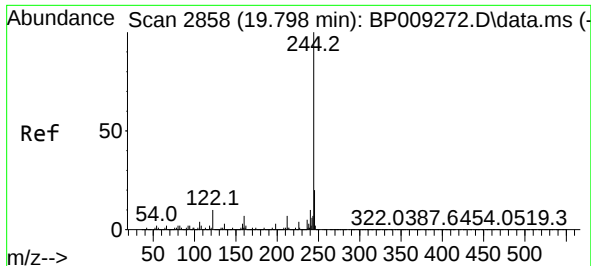
Tgt Ion:240 Resp: 2072617
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 25.9 20.6 30.8



#77
Benzidine
Concen: 3.280 ng
RT: 19.210 min Scan# 2758
Delta R.T. -0.206 min
Lab File: BP009363.D
Acq: 11 Mar 2022 14:10

Tgt Ion:184 Resp: 237253
Ion Ratio Lower Upper
184 100
185 22.7 11.5 17.3#
183 12.8 9.4 14.0

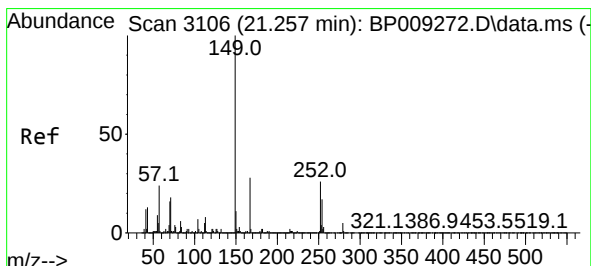
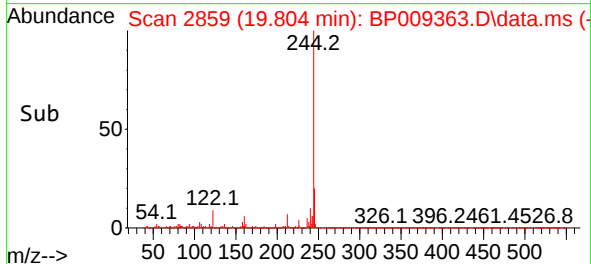
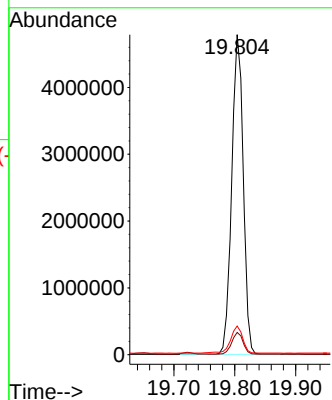
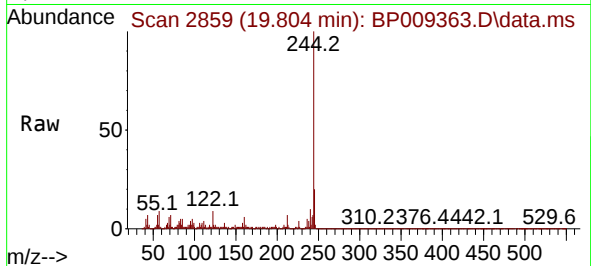




#79
 Terphenyl-d14
 Concen: 57.295 ng
 RT: 19.804 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP009363.D
 Acq: 11 Mar 2022 14:10

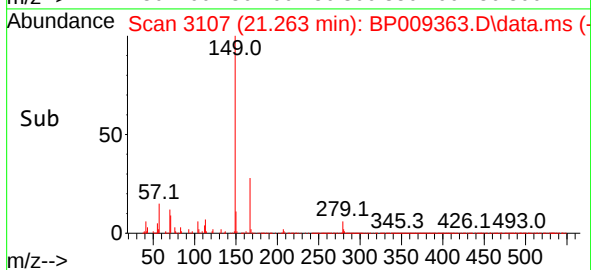
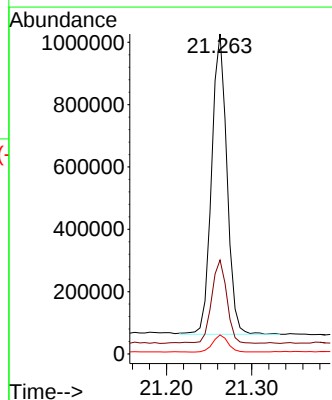
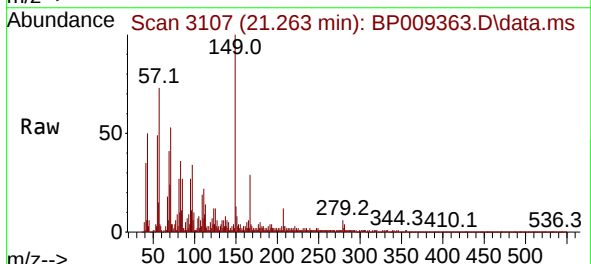
Instrument :
 BNA_P
 ClientSampleId :
 30970

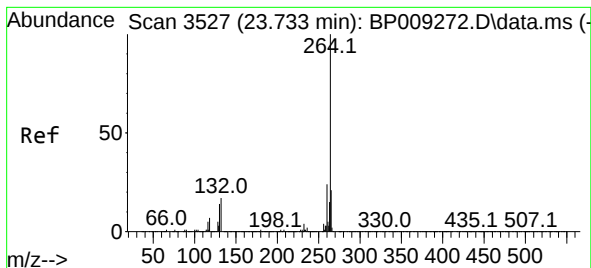
Tgt Ion:244 Resp: 6292687
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.0 8.3 12.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 14.939 ng
 RT: 21.263 min Scan# 3107
 Delta R.T. 0.006 min
 Lab File: BP009363.D
 Acq: 11 Mar 2022 14:10

Tgt Ion:149 Resp: 1206832
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.6 33.8
 279 5.9 3.8 5.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.763 min Scan# 3

Delta R.T. 0.029 min

Lab File: BP009363.D

Acq: 11 Mar 2022 14:10

Instrument :

BNA_P

ClientSampleId :

30970

Tgt Ion:264 Resp: 2292391

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.0

265 21.8 17.2 25.8

