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 Data File : BP009372.D
 Acq On : 11 Mar 2022 19:13
 Operator : CG/JU
 Sample : N1886-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

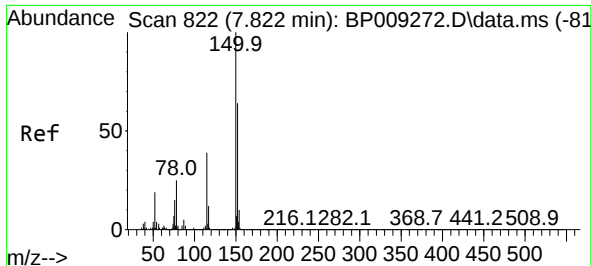
Instrument :
 BNA_P
 ClientSampleId :
 2822-B

Quant Time: Mar 12 04:51:46 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	7.816	152	309995	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1129951	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	757249	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1498495	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1584964	20.000	ng	0.02
86) Perylene-d12	23.780	264	1811348	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1048391	49.366	ng	0.02
7) Phenol-d6	7.016	99	888544	32.924	ng	0.03
23) Nitrobenzene-d5	8.975	82	1846347	89.999	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1524508	166.726	ng	0.01
45) 2-Fluorobiphenyl	13.087	172	4458529	80.969	ng	0.00
79) Terphenyl-d14	19.810	244	6604160	78.632	ng	0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.658	42	23774	2.959	ng	# 1
6) Aniline	7.158	93	137760	4.030	ng	97
10) Phenol	7.046	94	327201	11.708	ng	96
11) bis(2-Chloroethyl)ether	7.158	93	137760	6.370	ng	# 28
15) Benzyl Alcohol	8.081	79	77194	4.056	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.316	45	311482	11.095	ng	82
19) n-Nitroso-di-n-propyla...	8.581	70	377212	23.175	ng	# 71
20) 3+4-Methylphenols	8.634	107	1930173	79.615	ng	91
22) Acetophenone	8.640	105	117363	3.885	ng	# 1
25) Isophorone	9.575	82	174046	4.536	ng	# 68
27) 2,4-Dimethylphenol	9.840	122	442037	23.862	ng	97
32) Benzoic acid	9.840	122	442037	46.983	ng	# 15
35) Caprolactam	11.587	113	145644	27.694	ng	# 35
51) 2,6-Dinitrotoluene	14.034	165	38348	3.477	ng	# 87
53) 3-Nitroaniline	14.081	138	496003	42.336	ng	# 3
59) 2,3,4,6-Tetrachlorophenol	15.110	232	66106	4.671	ng	# 94
60) Diethylphthalate	15.298	149	255990	4.708	ng	# 93
70) Pentachlorophenol	16.892	266	186036	16.300	ng	98
74) Di-n-butylphthalate	18.198	149	1643345	19.009	ng	97
84) Bis(2-ethylhexyl)phtha...	21.269	149	3816137	61.774	ng	# 93

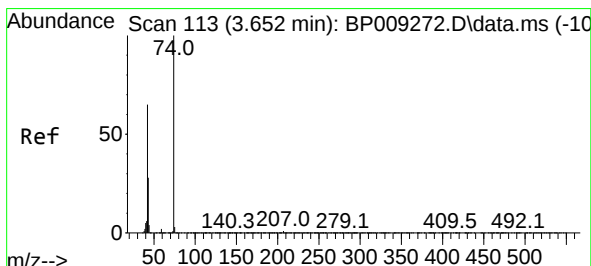
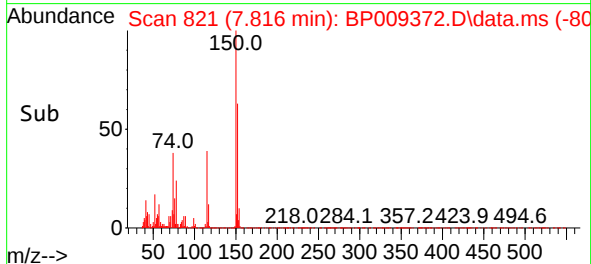
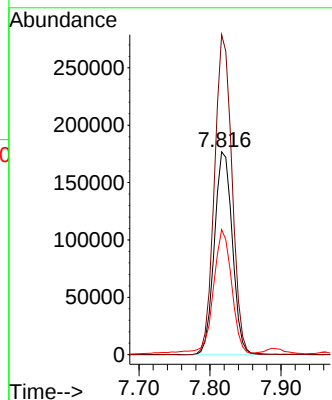
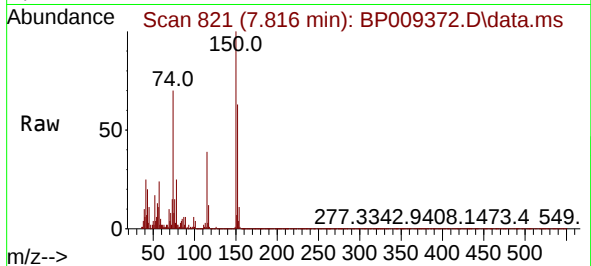
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

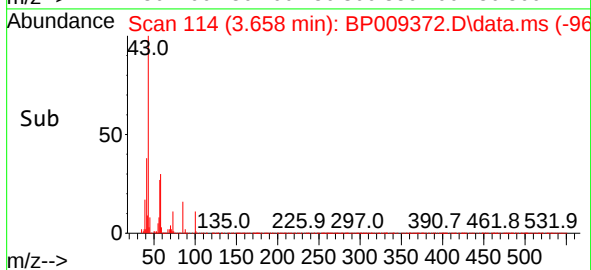
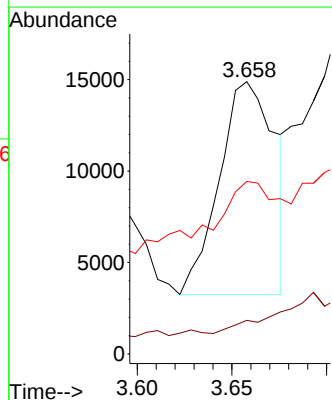
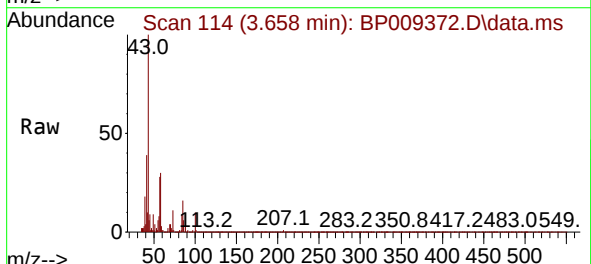
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ClientSampleId :
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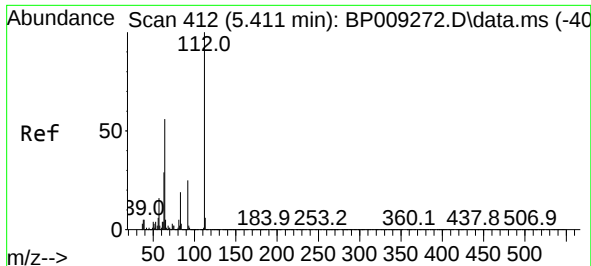
Tgt Ion:152 Resp: 309995
Ion Ratio Lower Upper
152 100
150 157.7 124.5 186.7
115 61.7 48.2 72.4



#4
n-Nitrosodimethylamine
Concen: 2.959 ng
RT: 3.658 min Scan# 114
Delta R.T. 0.006 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 42 Resp: 23774
Ion Ratio Lower Upper
42 100
74 12.3 122.1 183.1#
44 63.3 5.8 8.8#

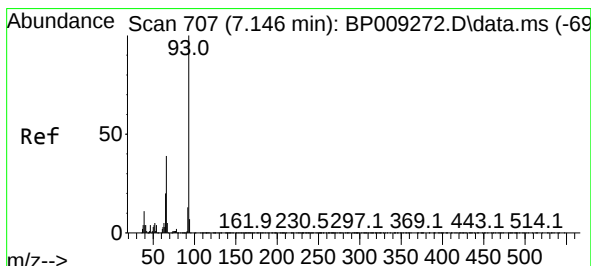
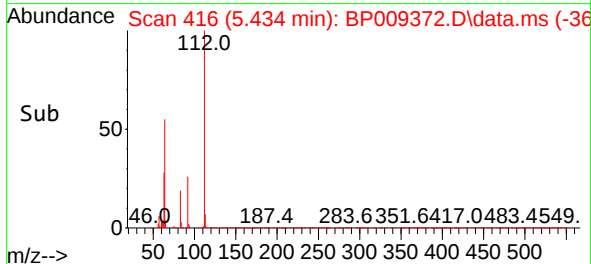
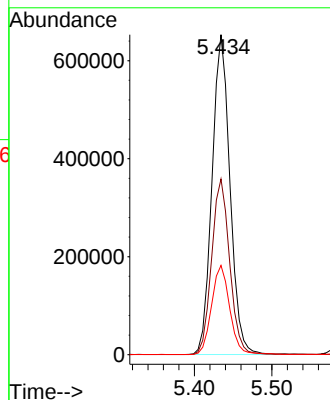
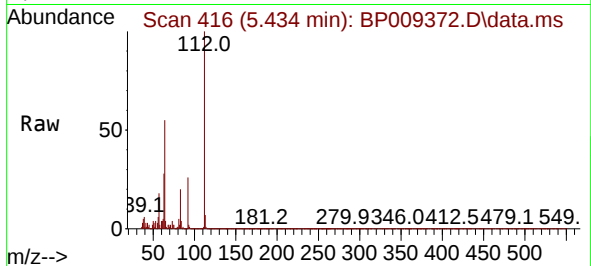




#5
2-Fluorophenol
Concen: 49.366 ng
RT: 5.434 min Scan# 412
Delta R.T. 0.023 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

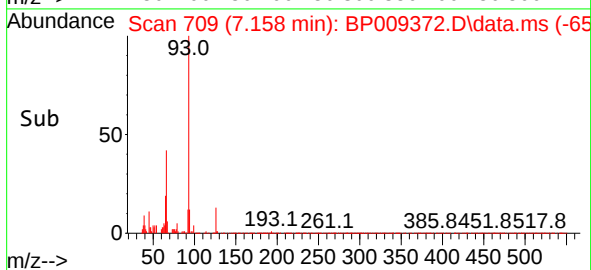
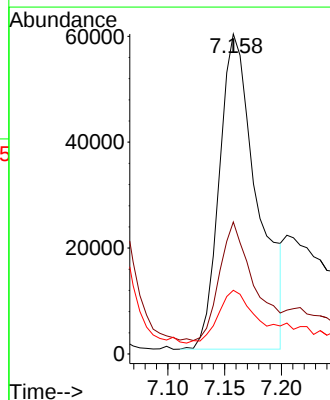
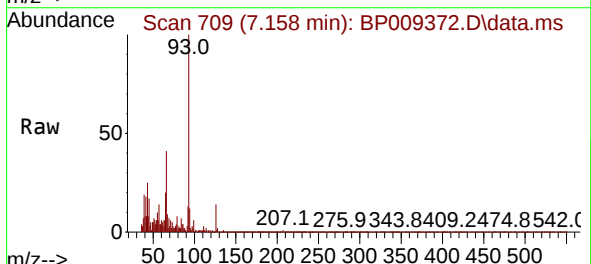
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ClientSampleId :
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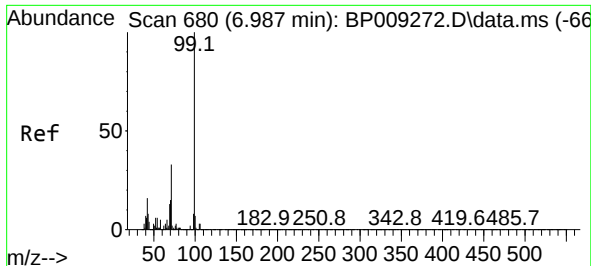
Tgt Ion:112 Resp: 1048391
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 27.9 23.0 34.6



#6
Aniline
Concen: 4.030 ng
RT: 7.158 min Scan# 709
Delta R.T. 0.012 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 93 Resp: 137760
Ion Ratio Lower Upper
93 100
66 41.3 30.9 46.3
65 19.9 15.8 23.8

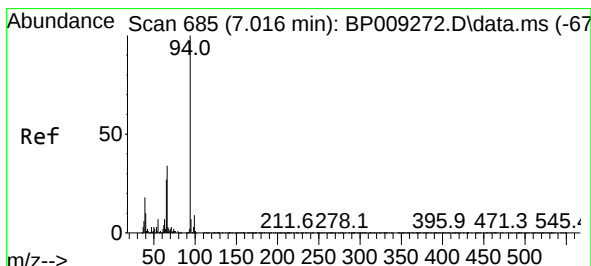
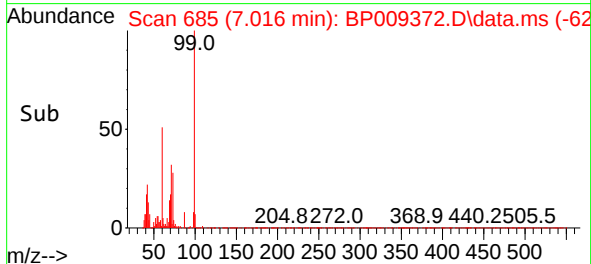
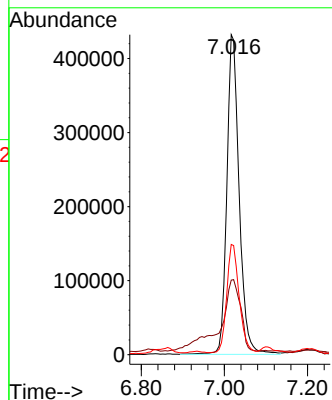
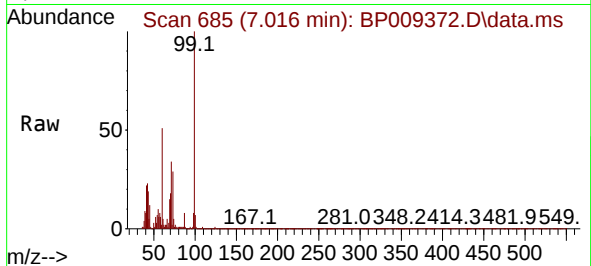




#7
Phenol-d6
Concen: 32.924 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.029 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

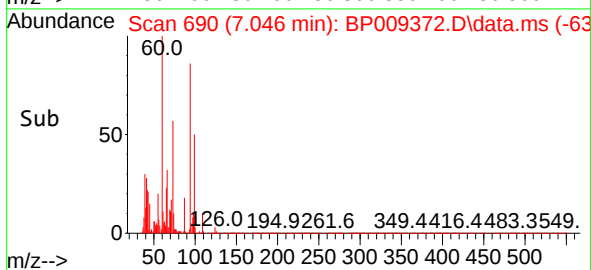
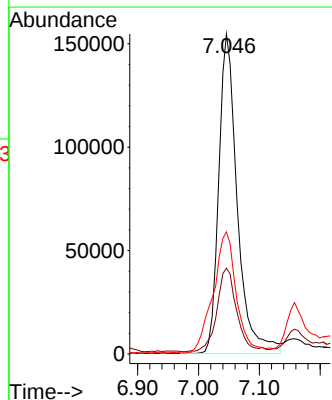
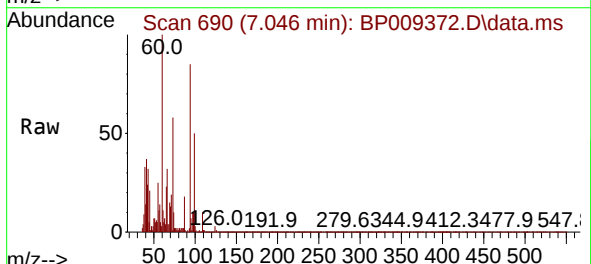
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ClientSampleId :
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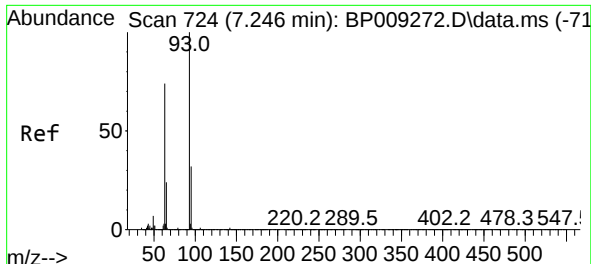
Tgt Ion: 99 Resp: 888544
Ion Ratio Lower Upper
99 100
42 23.3 12.8 19.2#
71 34.5 26.3 39.5



#10
Phenol
Concen: 11.708 ng
RT: 7.046 min Scan# 690
Delta R.T. 0.029 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 94 Resp: 327201
Ion Ratio Lower Upper
94 100
65 26.8 7.2 47.2
66 38.1 14.3 54.3

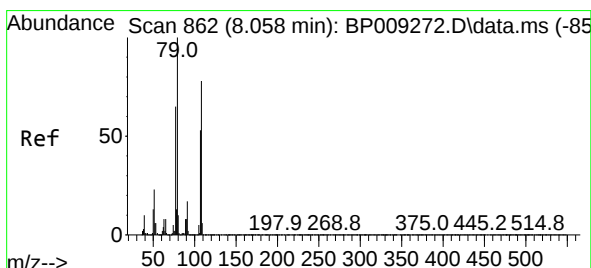
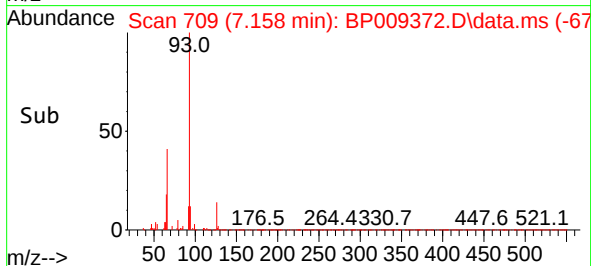
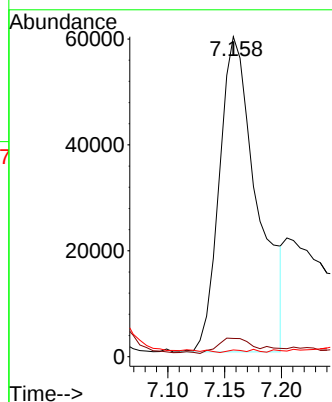
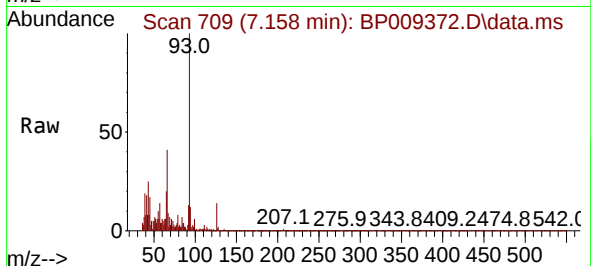




#11
bis(2-Chloroethyl)ether
Concen: 6.370 ng
RT: 7.158 min Scan# 709
Delta R.T. -0.088 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

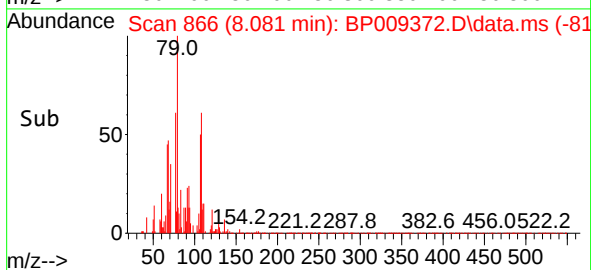
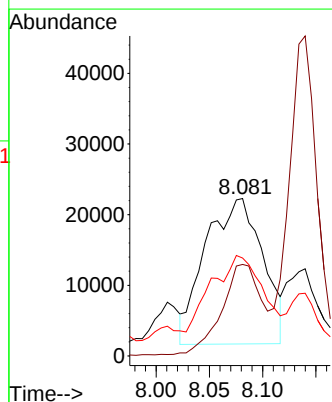
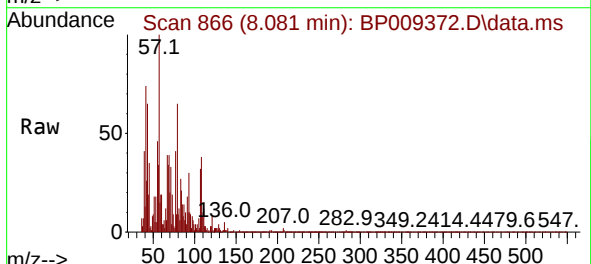
Instrument :
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ClientSampleId :
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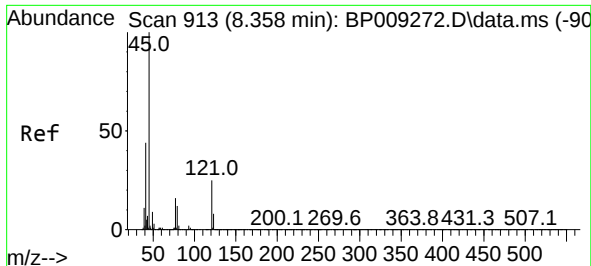
Tgt Ion: 93 Resp: 137760
Ion Ratio Lower Upper
93 100
63 5.7 53.5 93.5#
95 2.1 12.0 52.0#



#15
Benzyl Alcohol
Concen: 4.056 ng
RT: 8.081 min Scan# 866
Delta R.T. 0.024 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 79 Resp: 77194
Ion Ratio Lower Upper
79 100
108 58.1 62.5 93.7#
77 62.2 51.7 77.5

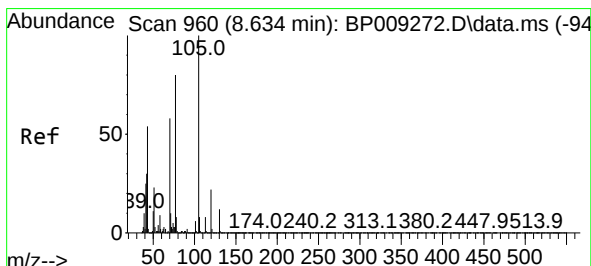
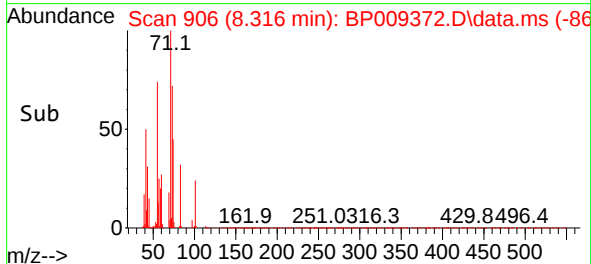
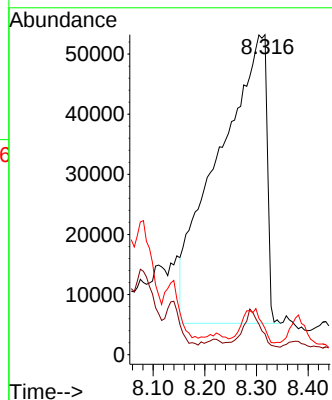
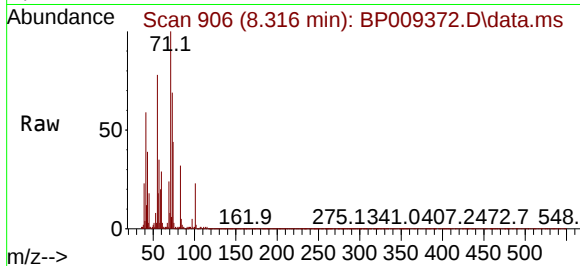




#16
2,2'-oxybis(1-Chloropropane)
Concen: 11.095 ng
RT: 8.316 min Scan# 90
Delta R.T. -0.041 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

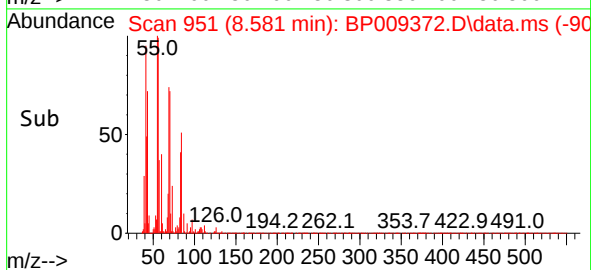
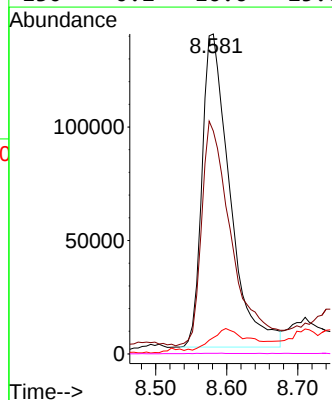
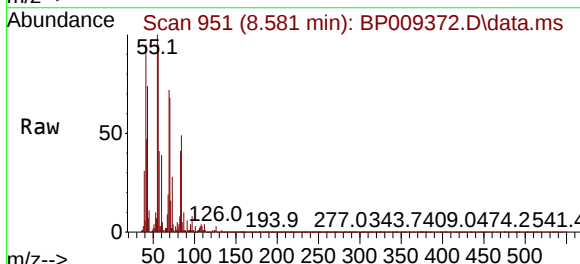
Instrument :
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ClientSampleId :
2822-B

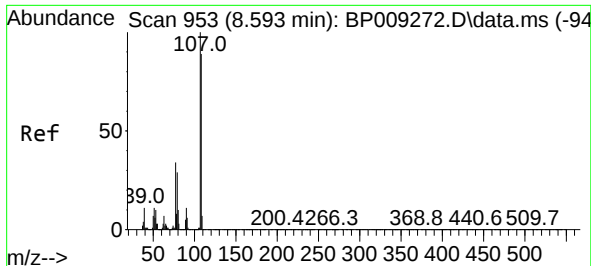
Tgt Ion: 45 Resp: 311482
Ion Ratio Lower Upper
45 100
77 6.5 0.0 36.5
79 8.2 0.0 32.4



#19
n-Nitroso-di-n-propylamine
Concen: 23.175 ng
RT: 8.581 min Scan# 951
Delta R.T. -0.053 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 70 Resp: 377212
Ion Ratio Lower Upper
70 100
42 69.7 41.0 61.4#
101 5.1 7.9 11.9#
130 0.2 16.6 25.0#

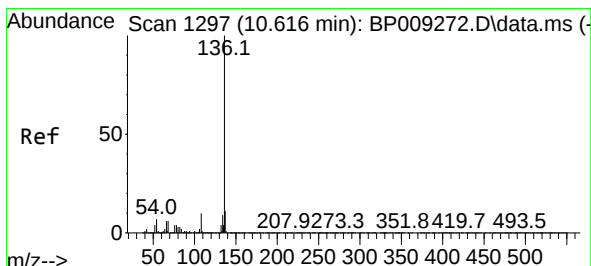
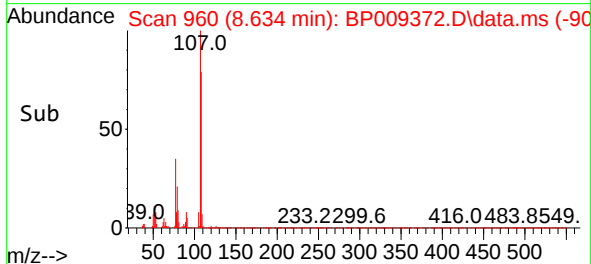
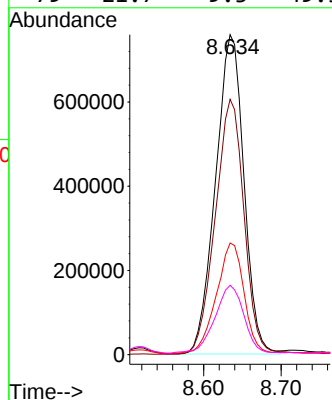
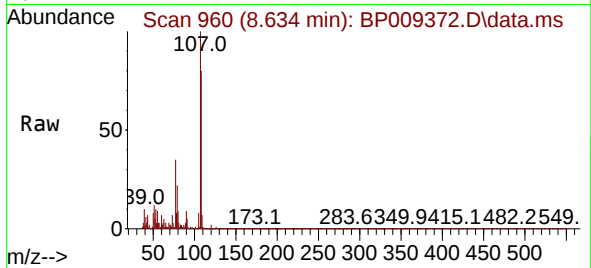




#20
3+4-Methylphenols
Concen: 79.615 ng
RT: 8.634 min Scan# 90
Delta R.T. 0.041 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

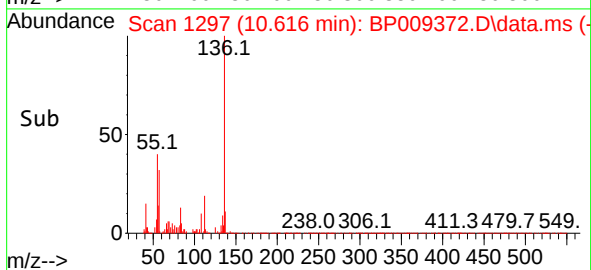
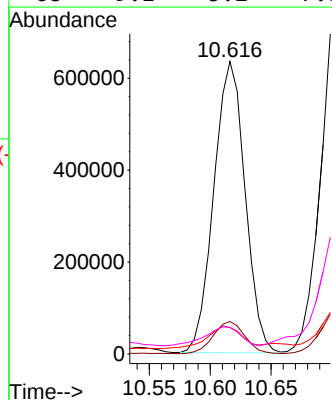
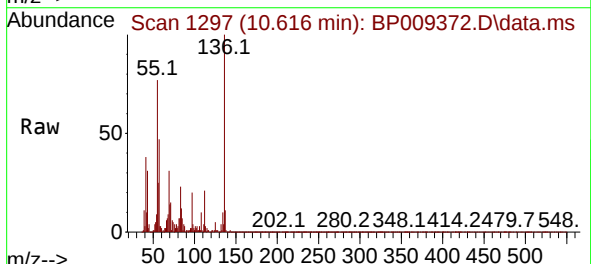
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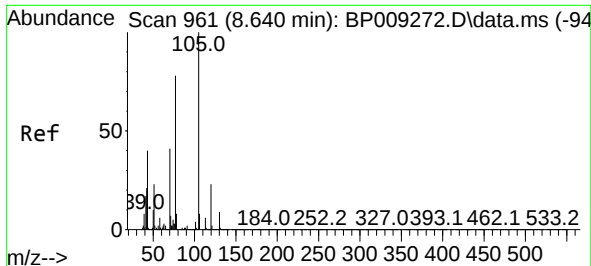
Tgt Ion:107 Resp: 1930173
Ion Ratio Lower Upper
107 100
108 79.8 69.4 109.4
77 34.9 13.6 53.6
79 21.7 9.3 49.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion:136 Resp: 1129951
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.0 5.8 8.8#
68 9.1 5.2 7.8#

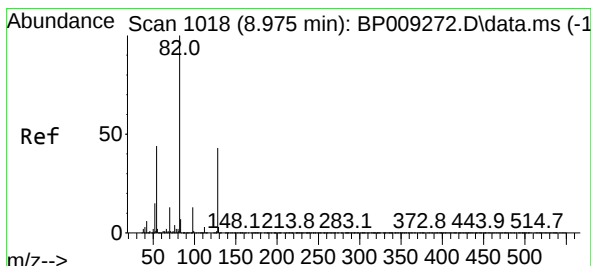
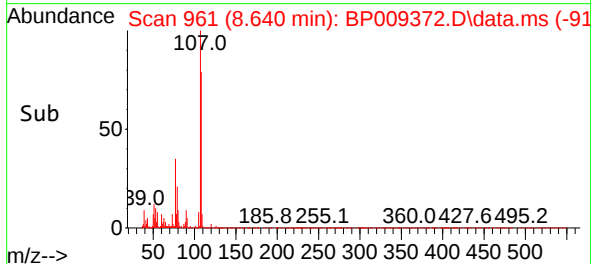
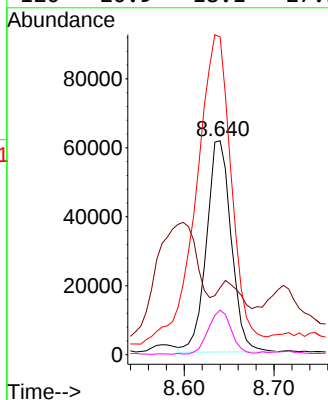
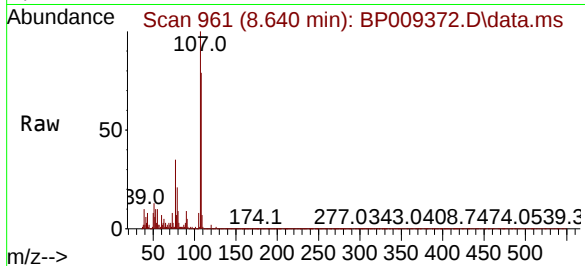




#22
Acetophenone
Concen: 3.885 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

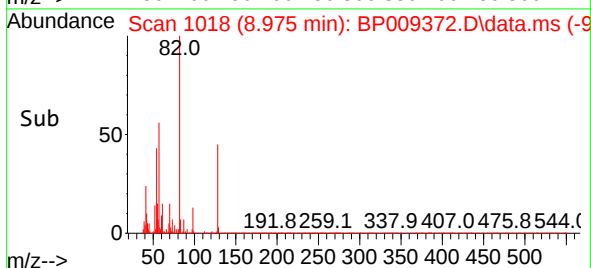
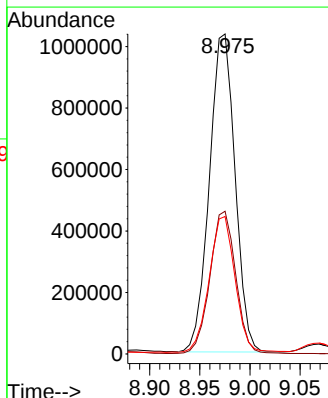
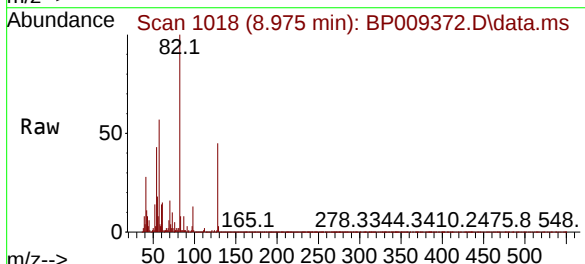
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ClientSampleId :
2822-B

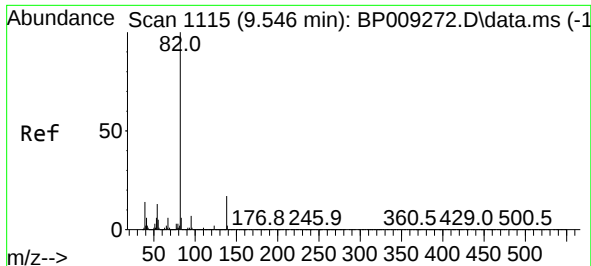
Tgt Ion:105 Resp: 117363
Ion Ratio Lower Upper
105 100
71 31.3 5.5 8.3#
51 148.5 18.9 28.3#
120 20.9 18.1 27.1



#23
Nitrobenzene-d5
Concen: 89.999 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 82 Resp: 1846347
Ion Ratio Lower Upper
82 100
128 44.6 34.2 51.4
54 42.9 34.7 52.1

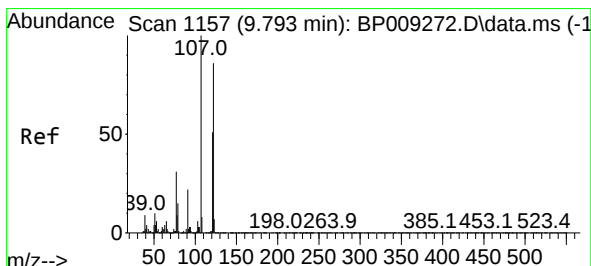
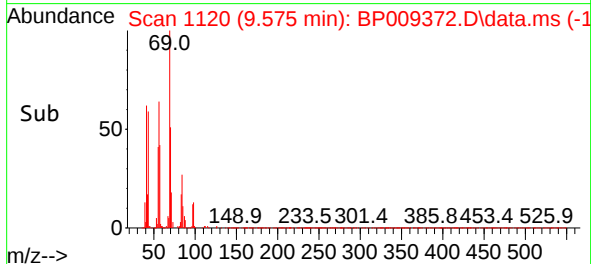
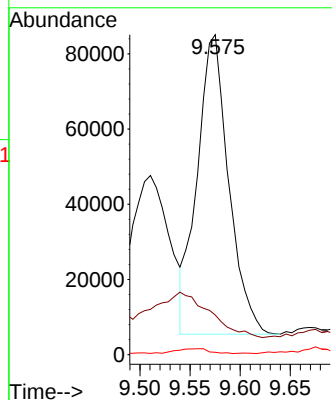
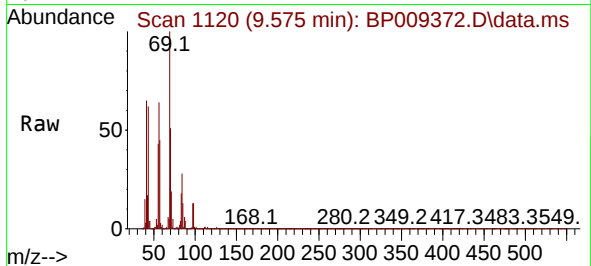




#25
Isophorone
Concen: 4.536 ng
RT: 9.575 min Scan# 1115
Delta R.T. 0.029 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

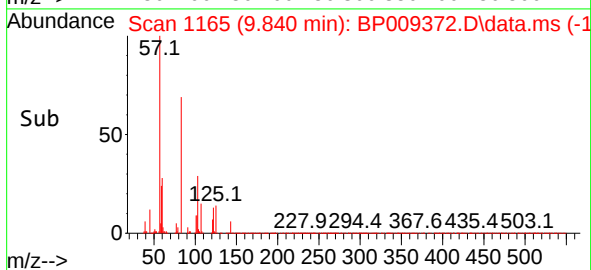
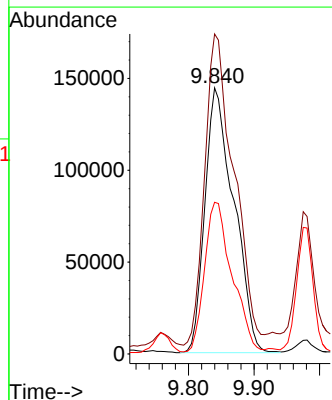
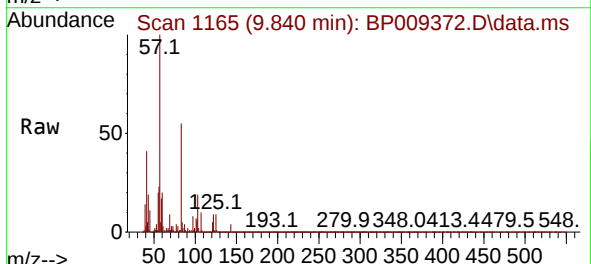
Instrument :
BNA_P
ClientSampleId :
2822-B

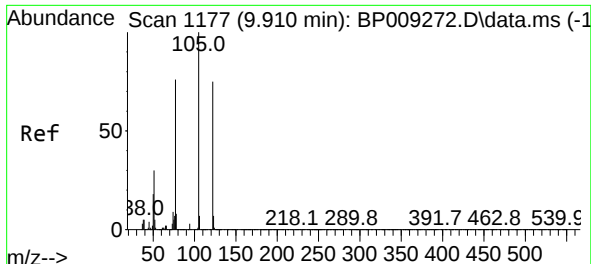
Tgt Ion: 82 Resp: 174046
Ion Ratio Lower Upper
82 100
95 12.4 5.5 8.3#
138 0.8 13.8 20.8#



#27
2,4-Dimethylphenol
Concen: 23.862 ng
RT: 9.840 min Scan# 1165
Delta R.T. 0.047 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion: 122 Resp: 442037
Ion Ratio Lower Upper
122 100
107 120.3 92.6 138.8
121 57.0 46.7 70.1

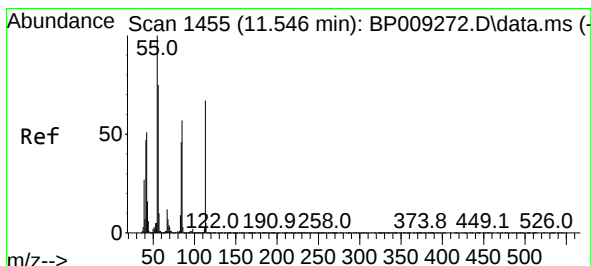
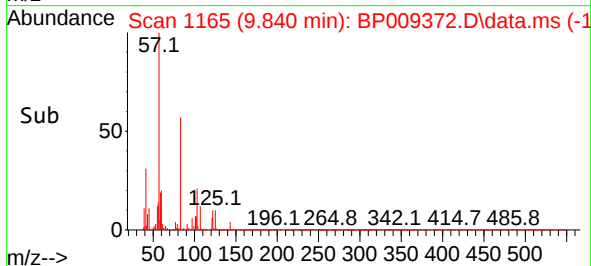
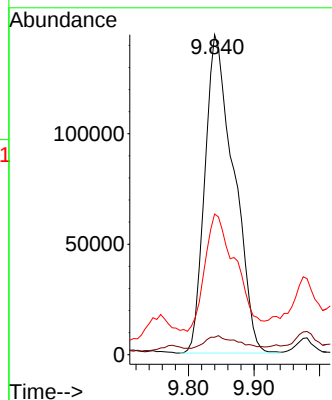
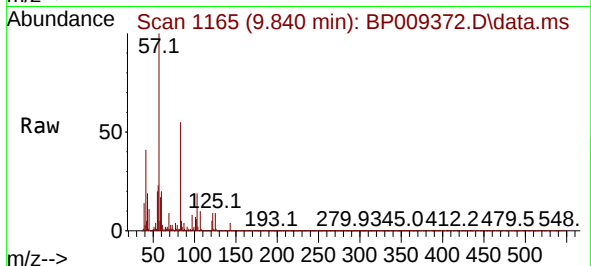




#32
Benzoic acid
Concen: 46.983 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.071 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

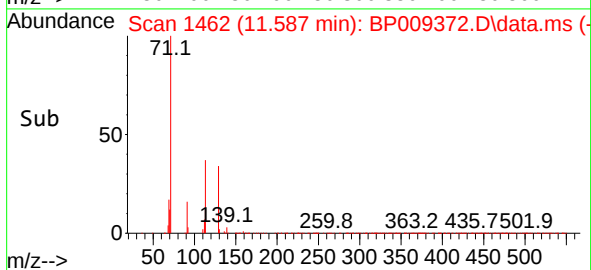
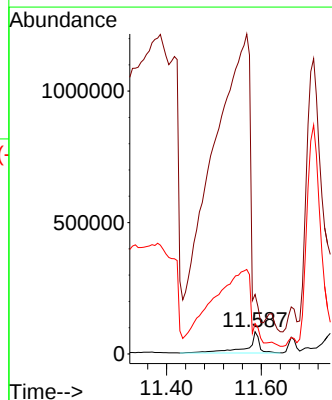
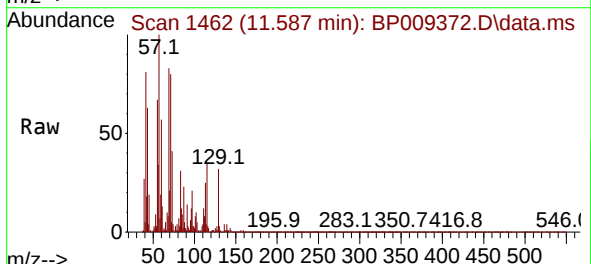
Instrument :
BNA_P
ClientSampleId :
2822-B

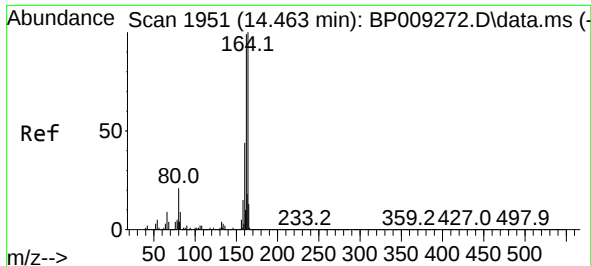
Tgt Ion:122 Resp: 442037
Ion Ratio Lower Upper
122 100
105 5.5 110.5 150.5#
77 43.9 79.9 119.9#



#35
Caprolactam
Concen: 27.694 ng
RT: 11.587 min Scan# 1462
Delta R.T. 0.041 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion:113 Resp: 145644
Ion Ratio Lower Upper
113 100
55 267.7 128.4 168.4#
56 136.7 90.9 130.9#

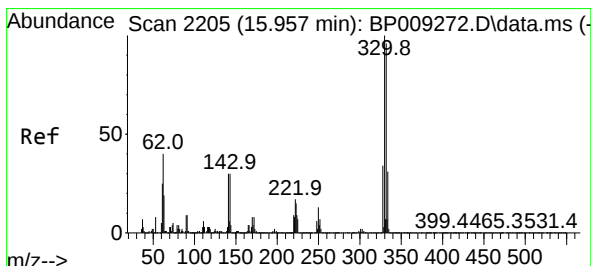
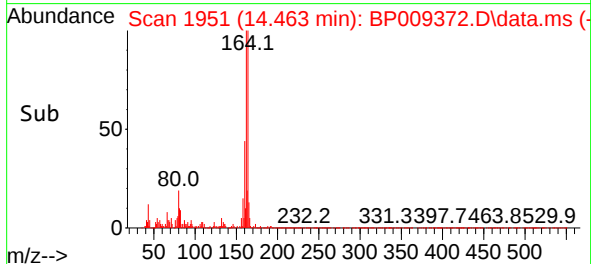
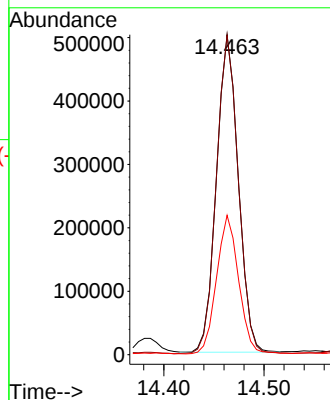
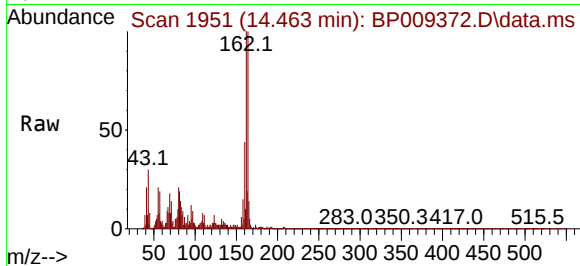




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

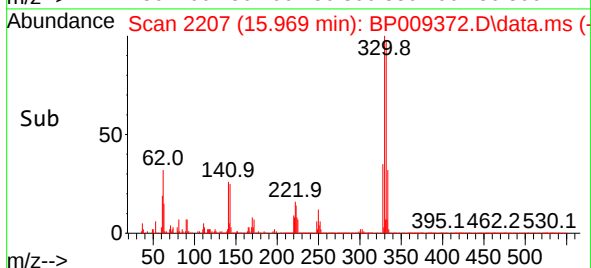
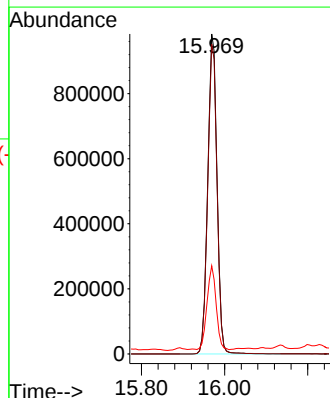
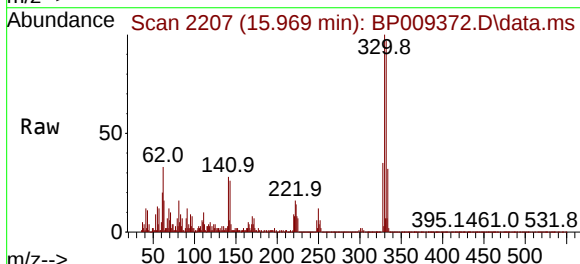
Instrument :
BNA_P
ClientSampleId :
2822-B

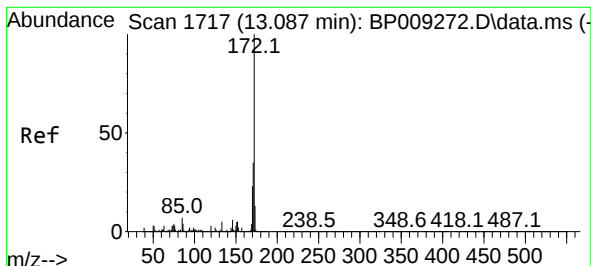
Tgt Ion:164 Resp: 757249
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 43.6 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 166.726 ng
RT: 15.969 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion:330 Resp: 1524508
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 25.8 27.6 41.4#





#45

2-Fluorobiphenyl

Concen: 80.969 ng

RT: 13.087 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009372.D

Acq: 11 Mar 2022 19:13

Instrument :

BNA_P

ClientSampleId :

2822-B

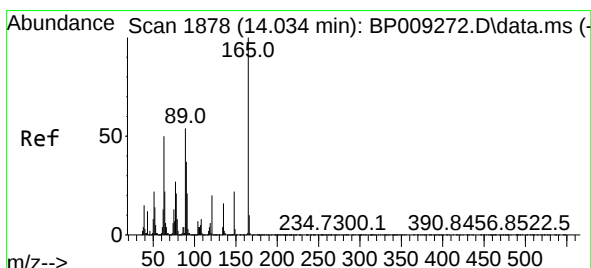
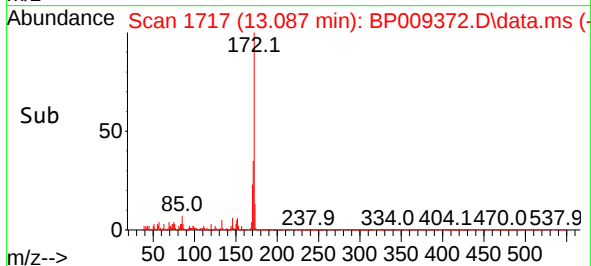
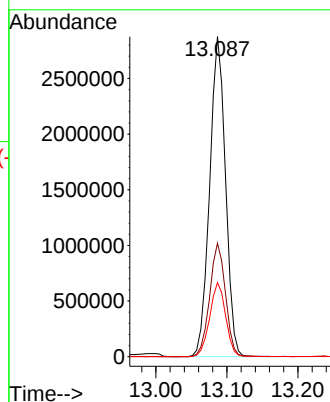
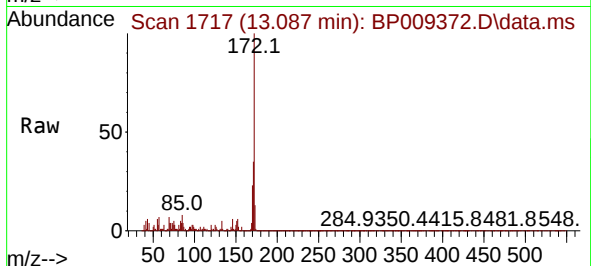
Tgt Ion:172 Resp: 4458529

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.2 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 3.477 ng

RT: 14.034 min Scan# 1878

Delta R.T. 0.000 min

Lab File: BP009372.D

Acq: 11 Mar 2022 19:13

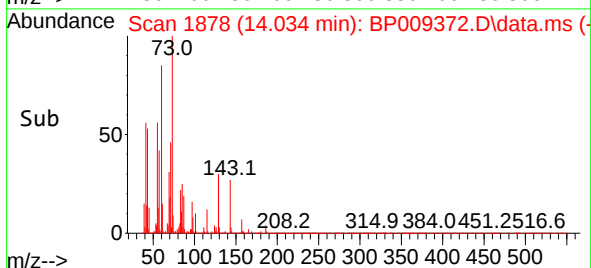
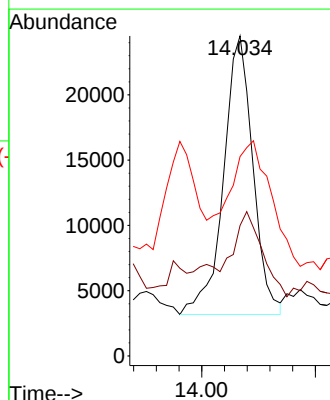
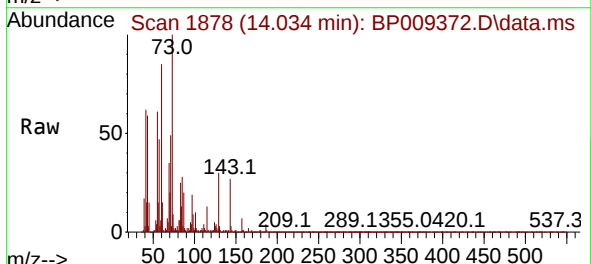
Tgt Ion:165 Resp: 38348

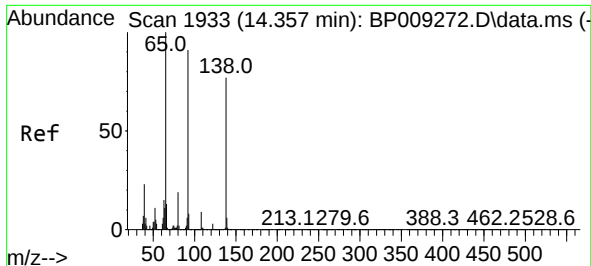
Ion Ratio Lower Upper

165 100

63 40.8 40.9 61.3#

89 62.3 43.4 65.2

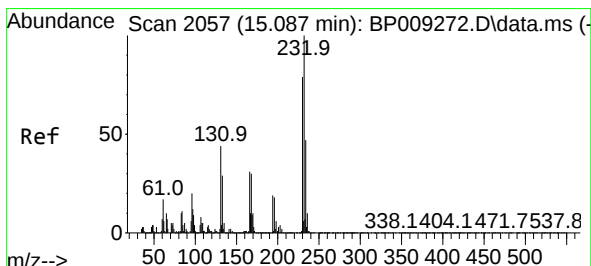
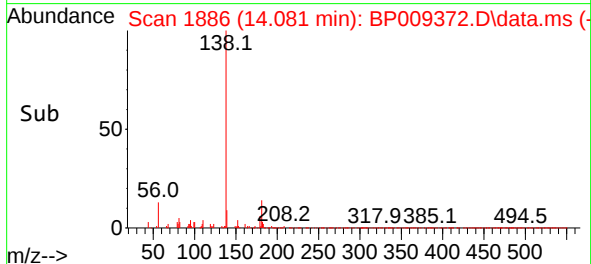
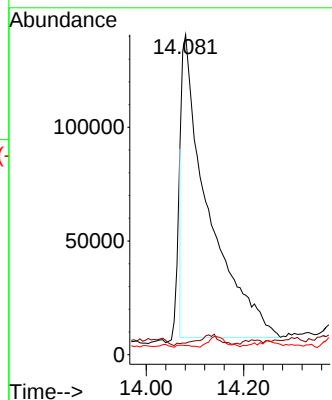
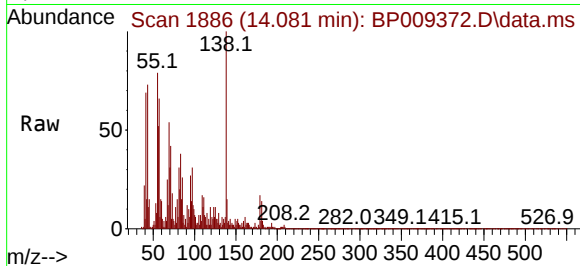




#53
3-Nitroaniline
Concen: 42.336 ng
RT: 14.081 min Scan# 11
Delta R.T. -0.276 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

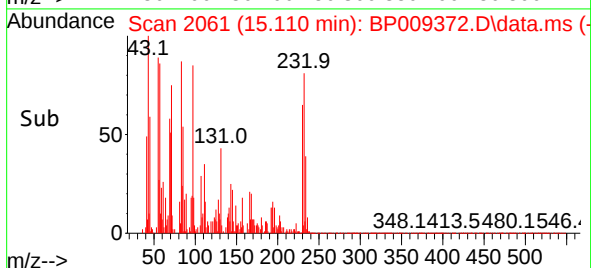
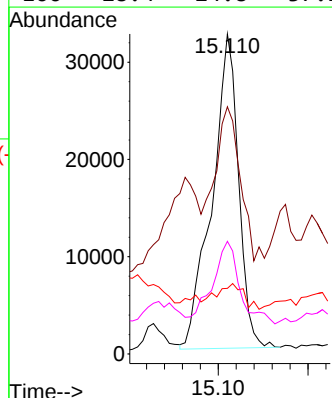
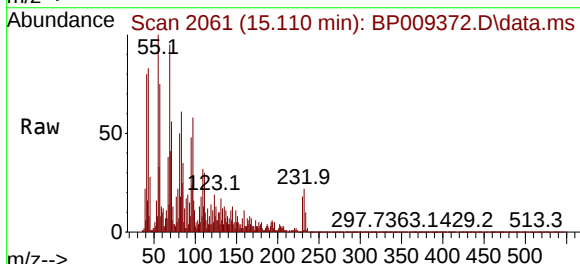
Instrument :
BNA_P
ClientSampleId :
2822-B

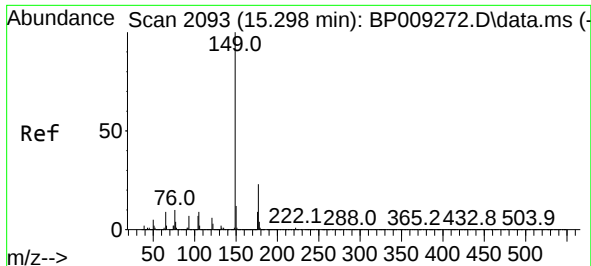
Tgt Ion:138 Resp: 496003
Ion Ratio Lower Upper
138 100
108 3.6 9.7 14.5#
92 2.8 94.4 141.6#



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.671 ng
RT: 15.110 min Scan# 2061
Delta R.T. 0.024 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion:232 Resp: 66106
Ion Ratio Lower Upper
232 100
131 48.6 35.5 53.3
130 8.3 1.8 2.8#
166 28.4 24.8 37.2

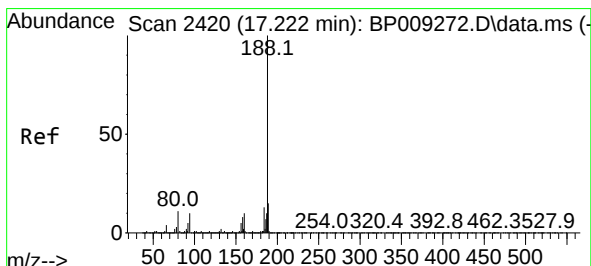
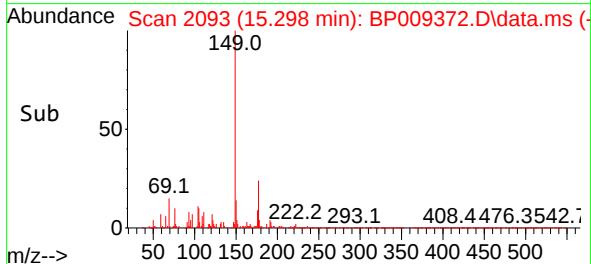
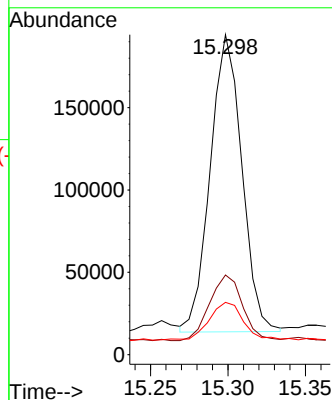
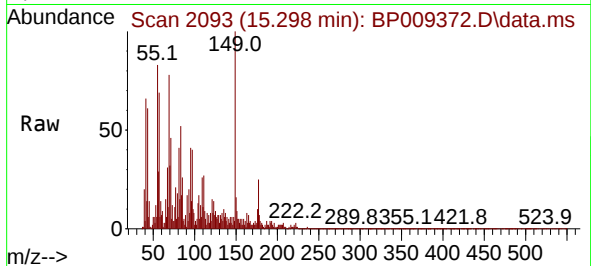




#60
Diethylphthalate
Concen: 4.708 ng
RT: 15.298 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

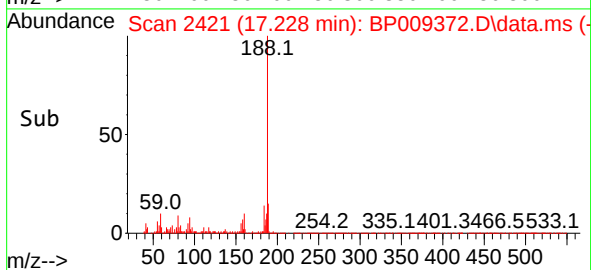
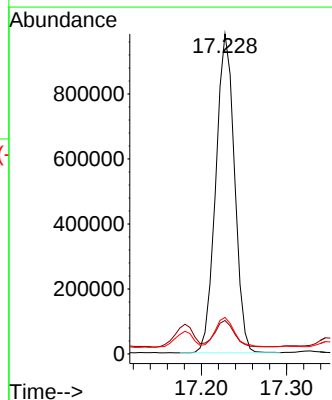
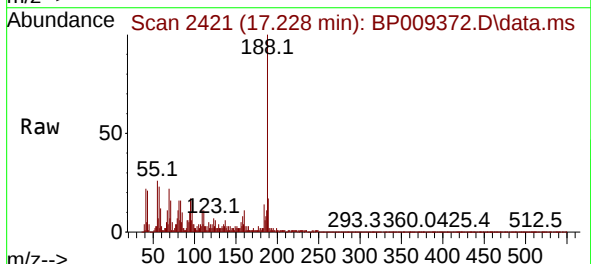
Instrument :
BNA_P
ClientSampleId :
2822-B

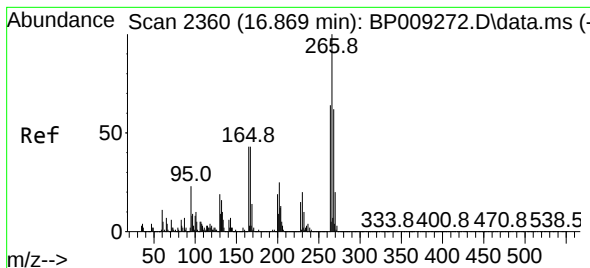
Tgt Ion:149 Resp: 255990
Ion Ratio Lower Upper
149 100
177 24.9 18.2 27.2
150 16.4 9.9 14.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. 0.006 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion:188 Resp: 1498495
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.4 8.8 13.2





#70

Pentachlorophenol

Concen: 16.300 ng

RT: 16.892 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP009372.D

Acq: 11 Mar 2022 19:13

Instrument :

BNA_P

ClientSampleId :

2822-B

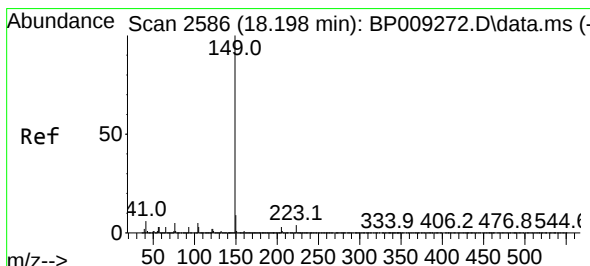
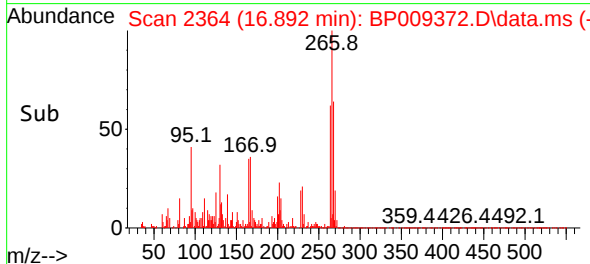
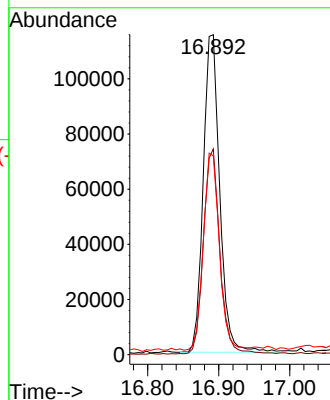
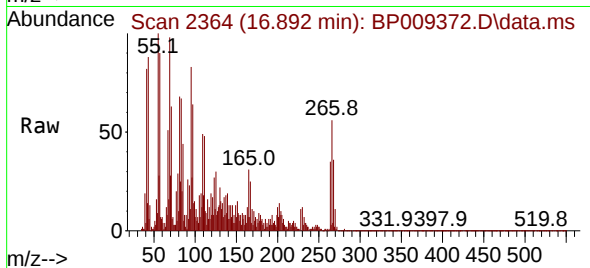
Tgt Ion:266 Resp: 186036

Ion Ratio Lower Upper

266 100

268 64.3 49.8 74.8

264 62.1 50.9 76.3



#74

Di-n-butylphthalate

Concen: 19.009 ng

RT: 18.198 min Scan# 2586

Delta R.T. 0.000 min

Lab File: BP009372.D

Acq: 11 Mar 2022 19:13

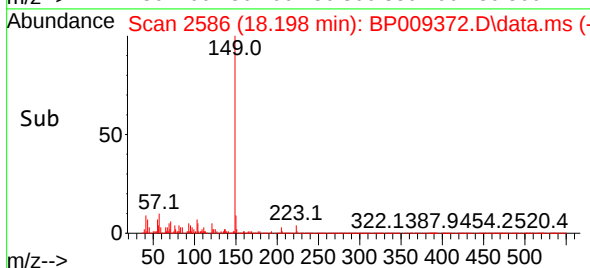
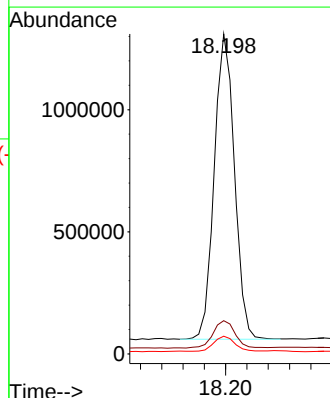
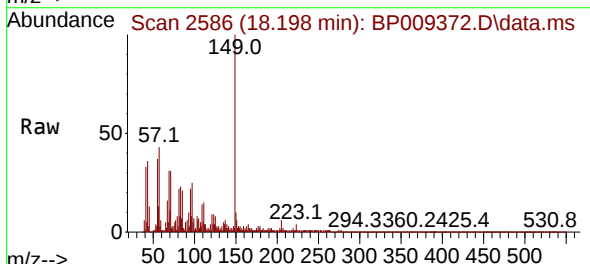
Tgt Ion:149 Resp: 1643345

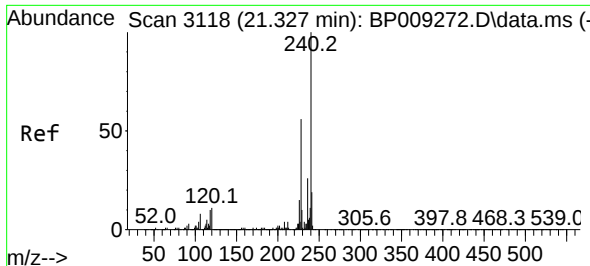
Ion Ratio Lower Upper

149 100

150 10.4 7.3 10.9

104 5.6 4.2 6.2

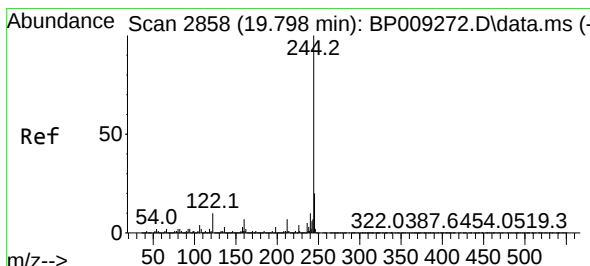
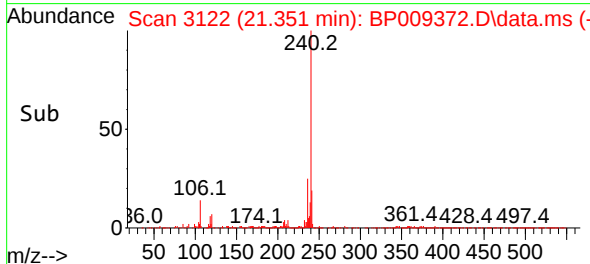
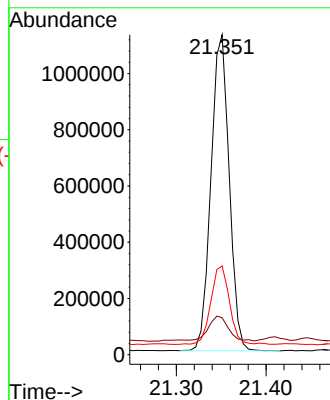
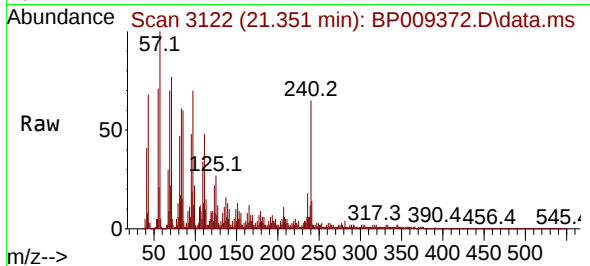




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3118
Delta R.T. 0.024 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

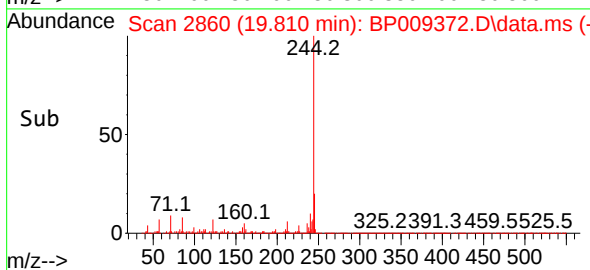
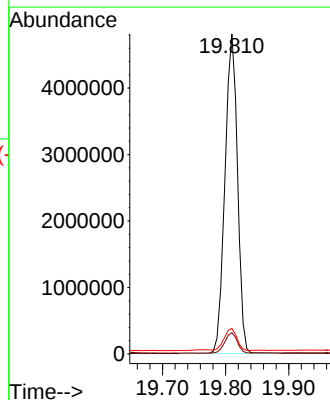
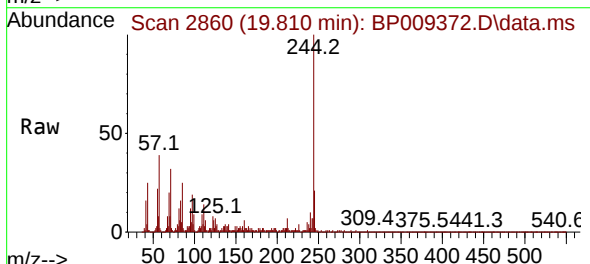
Instrument :
BNA_P
ClientSampleId :
2822-B

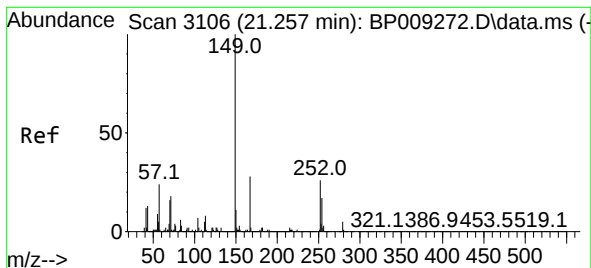
Tgt Ion:240 Resp: 1584964
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 27.8 20.6 30.8



#79
Terphenyl-d14
Concen: 78.632 ng
RT: 19.810 min Scan# 2860
Delta R.T. 0.012 min
Lab File: BP009372.D
Acq: 11 Mar 2022 19:13

Tgt Ion:244 Resp: 6604160
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 8.0 8.3 12.5

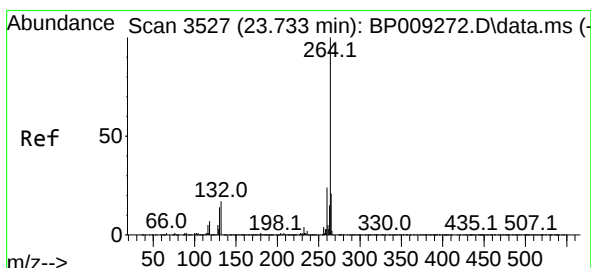
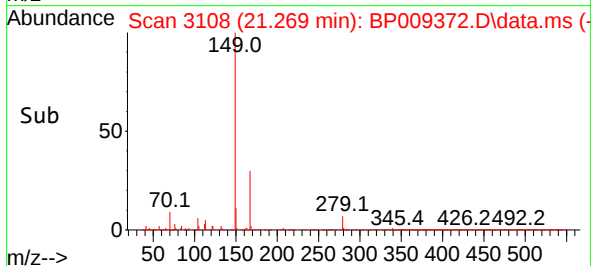
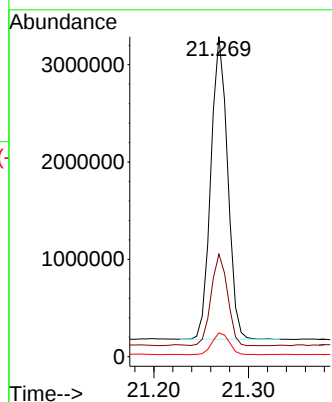
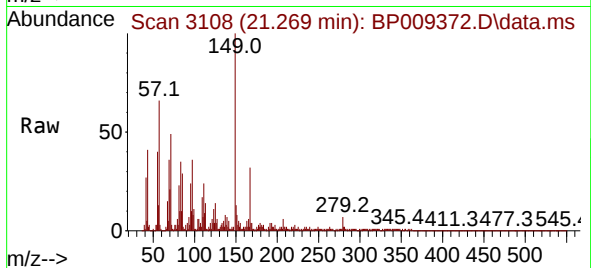




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.774 ng
 RT: 21.269 min Scan# 3106
 Delta R.T. 0.012 min
 Lab File: BP009372.D
 Acq: 11 Mar 2022 19:13

Instrument :
 BNA_P
 ClientSampleId :
 2822-B

Tgt Ion:149 Resp: 3816137
 Ion Ratio Lower Upper
 149 100
 167 32.0 22.6 33.8
 279 7.5 3.8 5.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 3535
 Delta R.T. 0.047 min
 Lab File: BP009372.D
 Acq: 11 Mar 2022 19:13

Tgt Ion:264 Resp: 1811348
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 23.0 17.2 25.8

