

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112921\
 Data File : BP008144.D
 Acq On : 29 Nov 2021 16:32
 Operator : CG/JU
 Sample : M4798-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-3.0

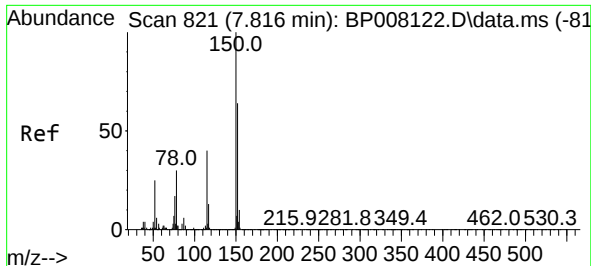
Quant Time: Nov 29 17:01:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 25 01:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	108439	20.000	ng	-0.01
21) Naphthalene-d8	10.604	136	353836	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	216905	20.000	ng	0.02
64) Phenanthrene-d10	17.233	188	416124	20.000	ng	# 0.02
76) Chrysene-d12	21.309	240	482215	20.000	ng	0.00
86) Perylene-d12	23.703	264	534193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	573913	85.214	ng	-0.01
7) Phenol-d6	6.987	99	754041	82.937	ng	-0.01
23) Nitrobenzene-d5	8.963	82	521647	67.039	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	268155	96.723	ng	0.01
45) 2-Fluorobiphenyl	13.086	172	787476	52.734	ng	0.00
79) Terphenyl-d14	19.786	244	1286722	55.767	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.946	77	5601	Below Cal	#	16
25) Isophorone	9.528	82	141162	10.369	ng	# 1
26) 2-Nitrophenol	9.734	139	11279	3.464	ng	# 1
35) Caprolactam	11.663	113	363897	281.701	ng	92
36) 4-Chloro-3-methylphenol	11.910	107	26031	3.916	ng	# 26
38) 1-Methylnaphthalene	12.498	142	33705	2.701	ng	# 60
44) 2,4,5-Trichlorophenol	13.022	196	17911	3.501	ng	# 1
49) Acenaphthylene	14.216	152	62249	3.247	ng	# 1
51) 2,6-Dinitrotoluene	14.039	165	56565	16.733	ng	# 41
52) Acenaphthene	14.533	154	26094	2.284	ng	# 43
53) 3-Nitroaniline	14.386	138	57269	16.717	ng	# 19
54) 2,4-Dinitrophenol	14.592	184	4394	2.198	ng	# 1
56) 4-Nitrophenol	14.686	139	25346	9.653	ng	# 1
57) 2,4-Dinitrotoluene	14.886	165	35398	7.630	ng	# 54
61) 4-Chlorophenyl-phenyle...	15.539	204	21242	2.441	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.663	198	7961	2.925	ng	# 1
66) n-Nitrosodiphenylamine	15.757	169	549544	45.591	ng	# 44
69) Atrazine	16.698	200	13367	4.273	ng	# 1
78) Pyrene	19.592	202	264280	6.487	ng	# 88
84) Bis(2-ethylhexyl)phtha...	21.221	149	85627	4.107	ng	# 95

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

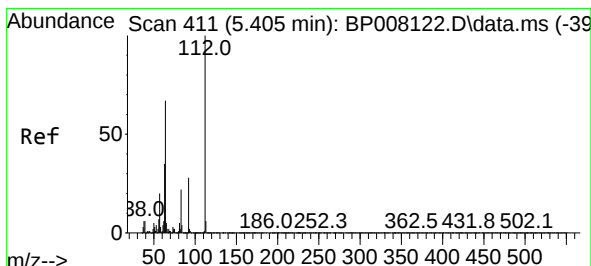
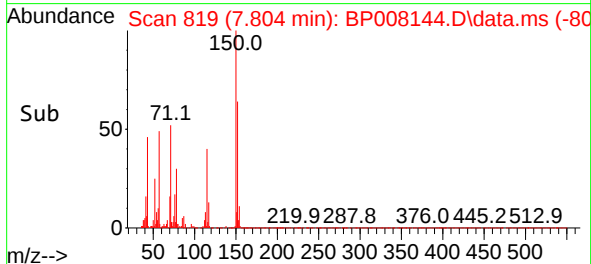
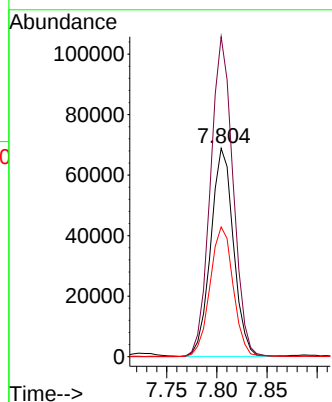
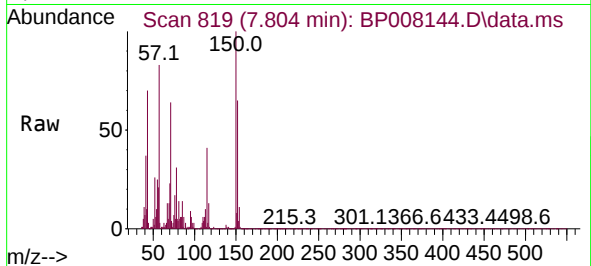
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

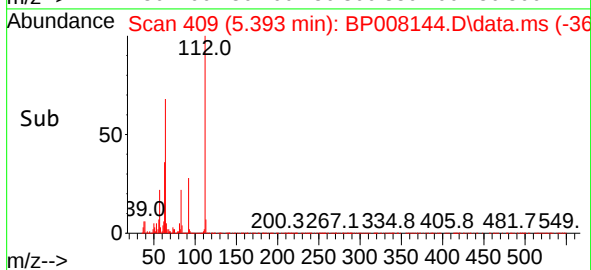
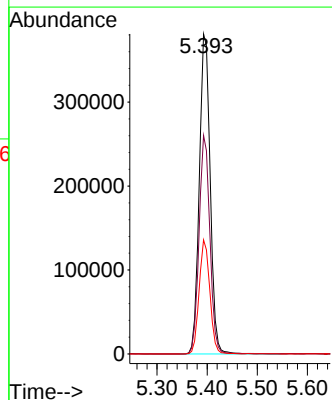
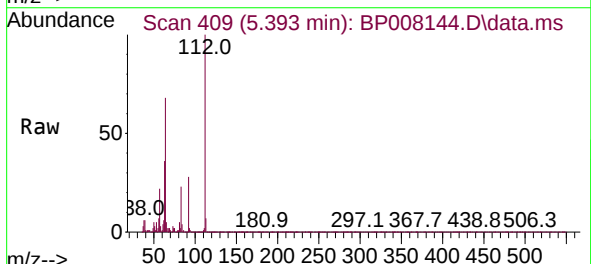
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BNA_P
ClientSampleId :
SB-4-3.0

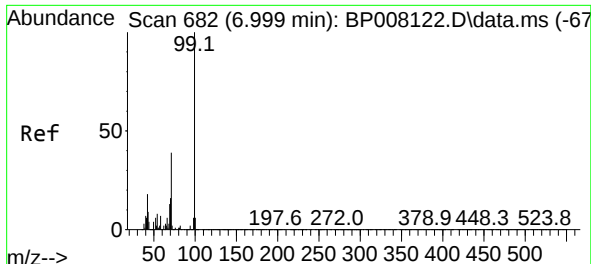
Tgt Ion:152 Resp: 108439
Ion Ratio Lower Upper
152 100
150 153.6 125.7 188.5
115 62.2 50.7 76.1



#5
2-Fluorophenol
Concen: 85.214 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:112 Resp: 573913
Ion Ratio Lower Upper
112 100
64 68.3 53.4 80.2
63 35.6 27.8 41.8

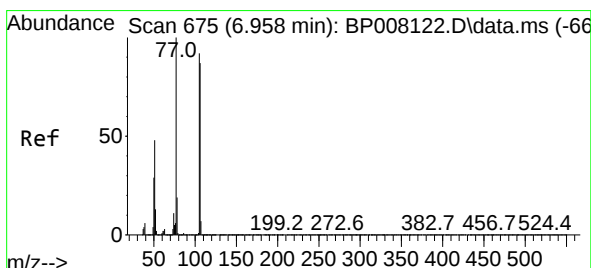
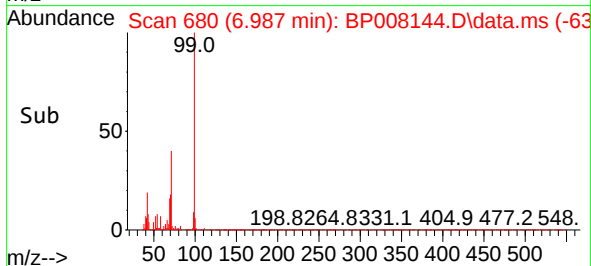
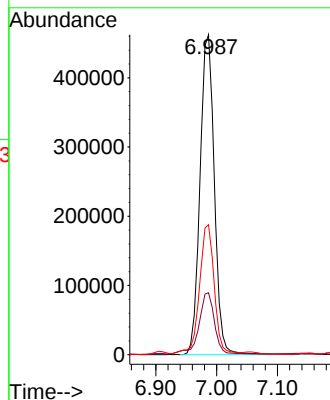
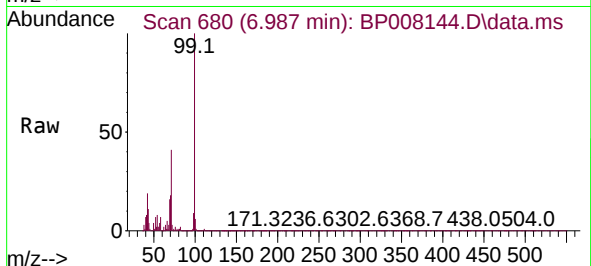




#7
Phenol-d6
Concen: 82.937 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

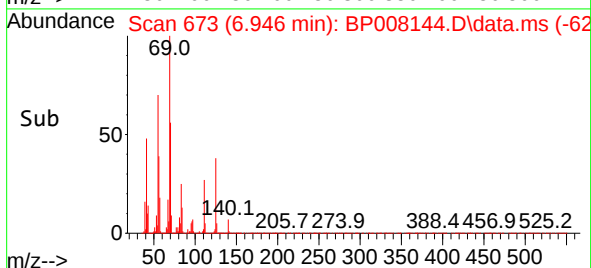
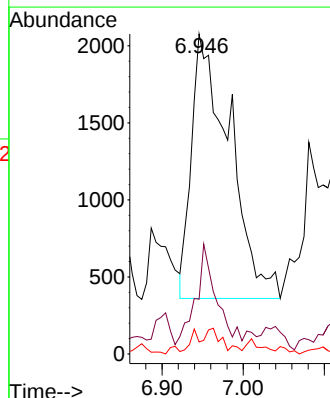
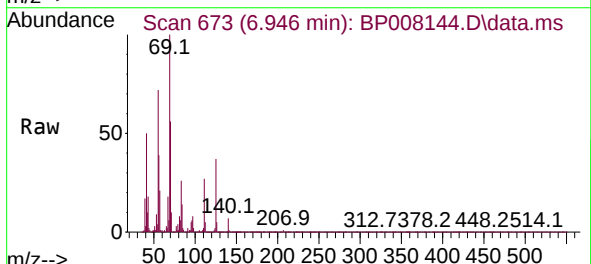
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BNA_P
ClientSampleId :
SB-4-3.0

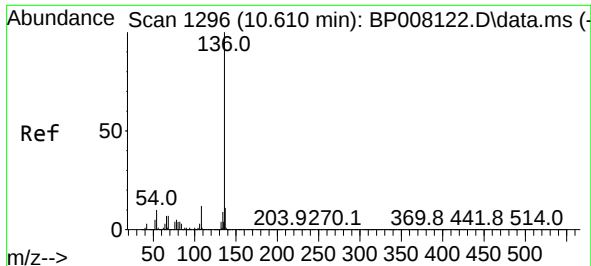
Tgt Ion: 99 Resp: 754041
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 40.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.946 min Scan# 673
Delta R.T. -0.013 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion: 77 Resp: 5601
Ion Ratio Lower Upper
77 100
105 17.1 71.8 111.8#
106 3.8 67.3 107.3#

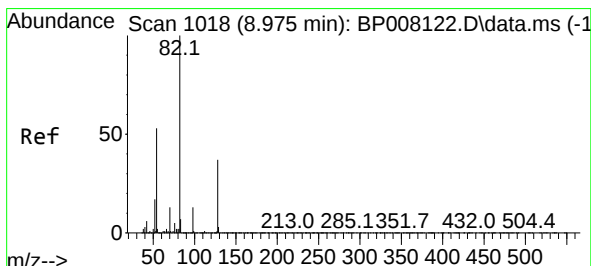
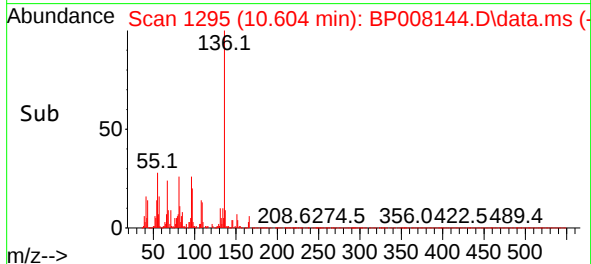
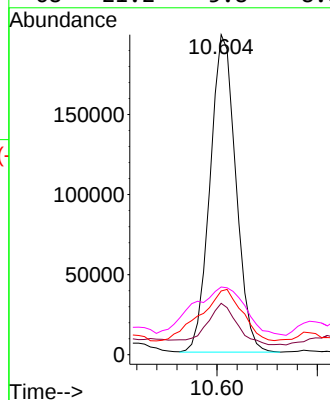
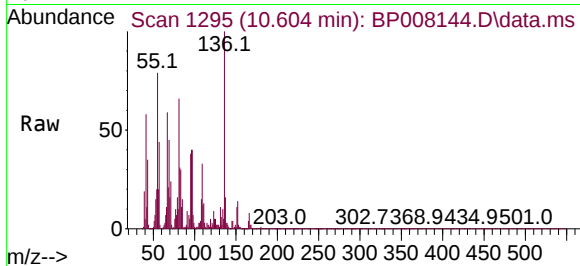




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

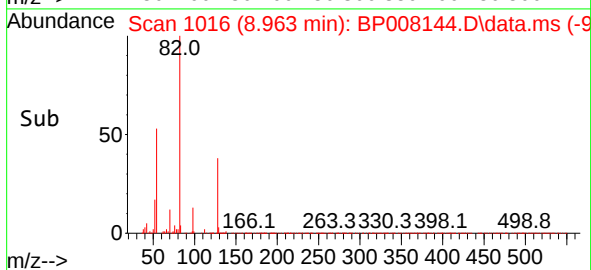
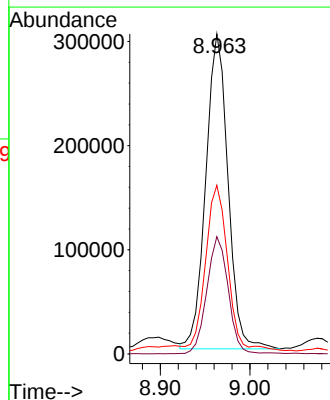
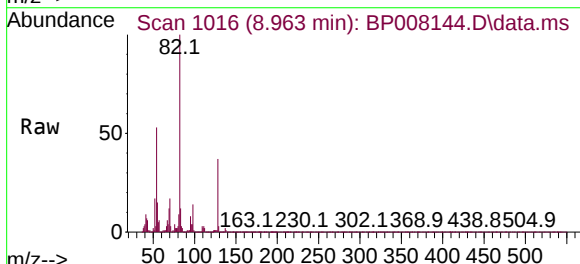
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ClientSampleId :
SB-4-3.0

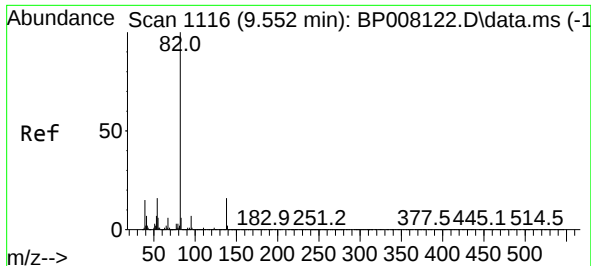
Tgt Ion:	136	Resp:	353836
Ion Ratio	Lower	Upper	
136	100		
137	16.0	9.0	13.6#
54	19.9	8.2	12.4#
68	21.2	5.8	8.8#



#23
Nitrobenzene-d5
Concen: 67.039 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:	82	Resp:	521647
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.6	44.4
54	52.7	42.7	64.1

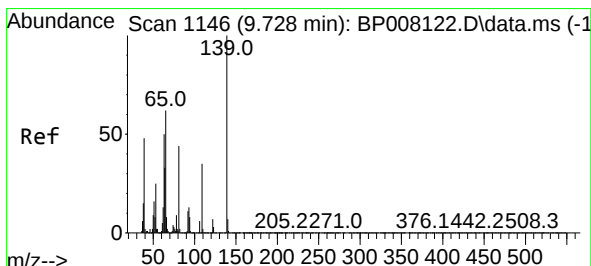
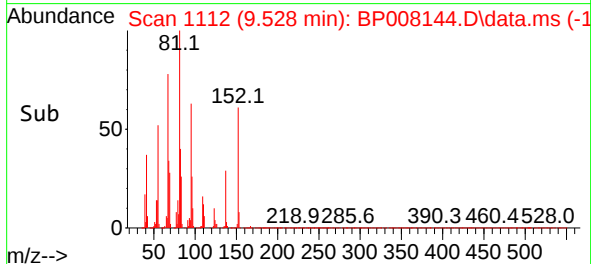
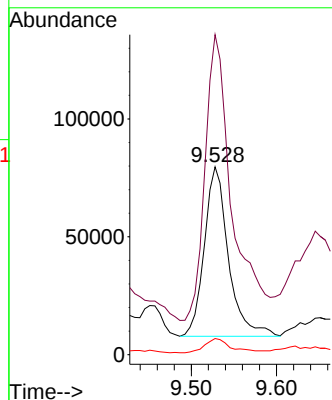
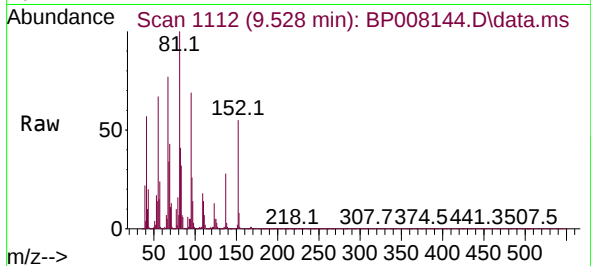




#25
Isophorone
Concen: 10.369 ng
RT: 9.528 min Scan# 1112
Delta R.T. -0.024 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

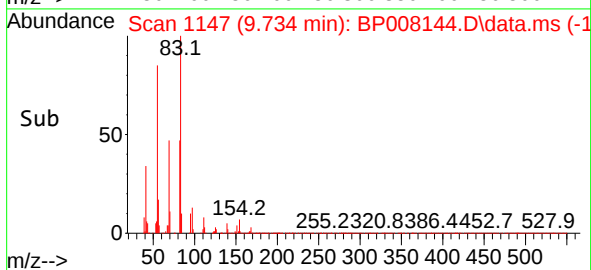
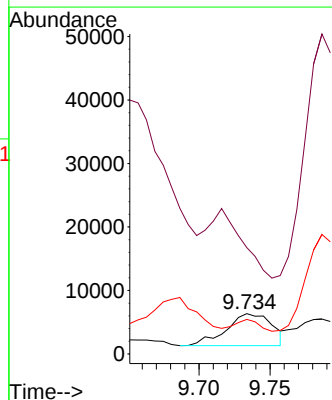
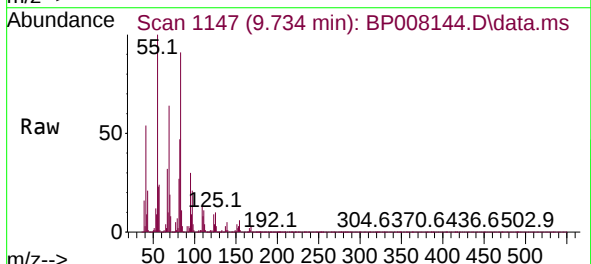
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

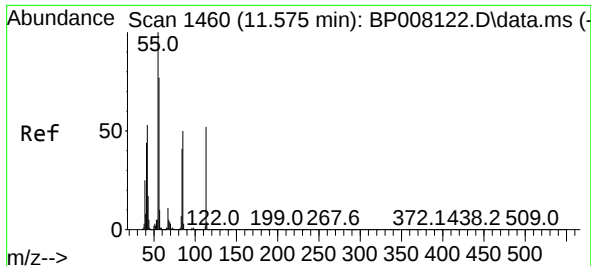
Tgt Ion: 82 Resp: 141162
Ion Ratio Lower Upper
82 100
95 170.3 5.9 8.9#
138 8.6 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.464 ng
RT: 9.734 min Scan# 1147
Delta R.T. 0.005 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:139 Resp: 11279
Ion Ratio Lower Upper
139 100
109 263.7 28.3 42.5#
65 85.8 49.7 74.5#

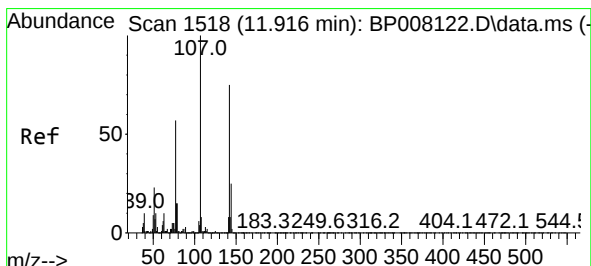
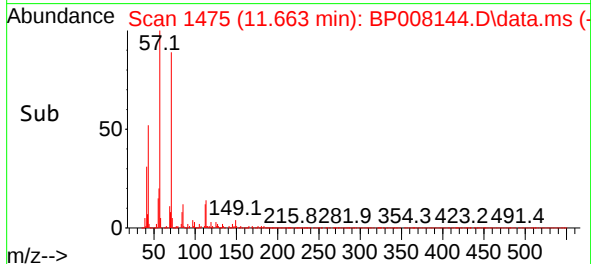
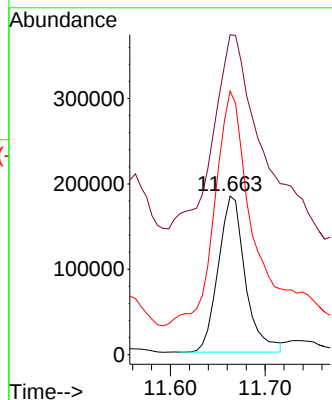
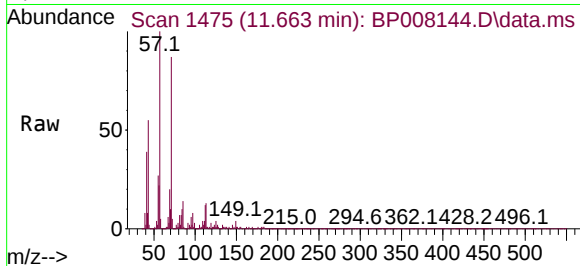




#35
Caprolactam
Concen: 281.701 ng
RT: 11.663 min Scan# 1460
Delta R.T. 0.088 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

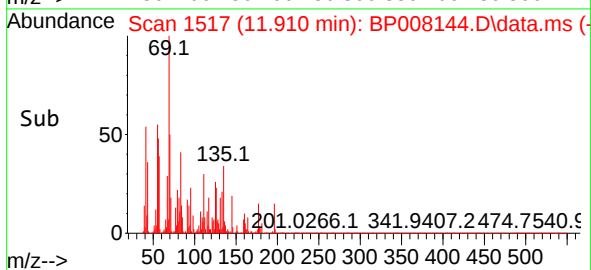
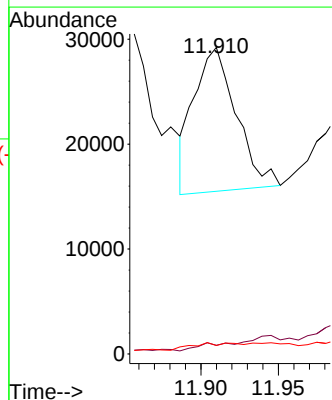
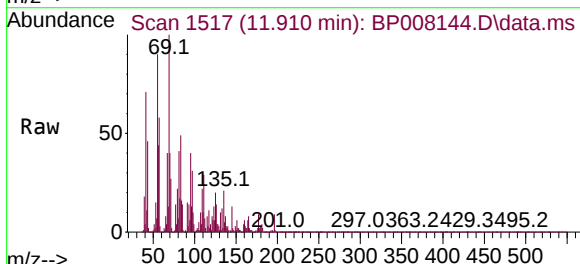
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ClientSampleId :
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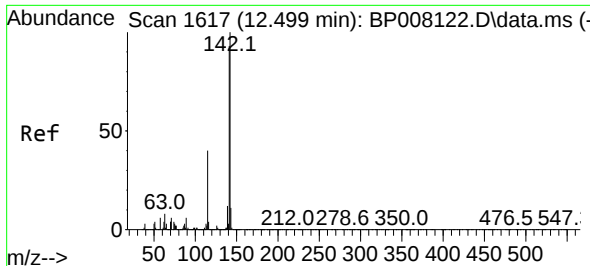
Tgt Ion:113 Resp: 363897
Ion Ratio Lower Upper
113 100
55 201.8 174.2 214.2
56 166.2 130.3 170.3



#36
4-Chloro-3-methylphenol
Concen: 3.916 ng
RT: 11.910 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:107 Resp: 26031
Ion Ratio Lower Upper
107 100
144 2.8 19.7 29.5#
142 2.8 59.6 89.4#

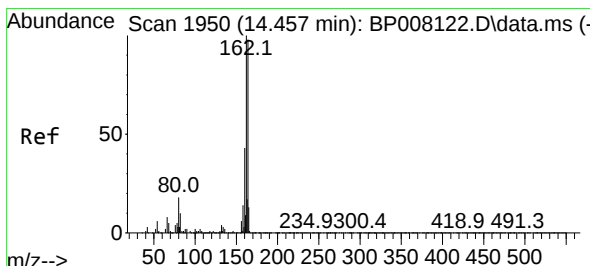
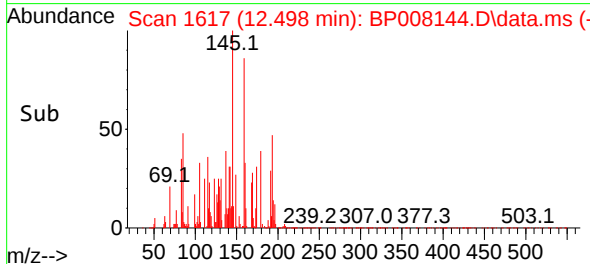
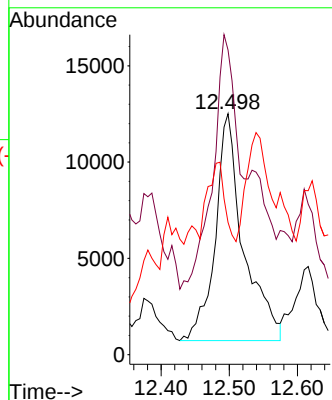
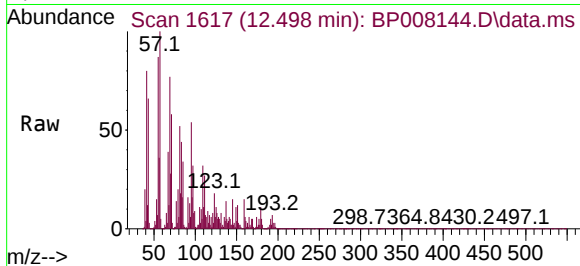




#38
1-Methylnaphthalene
Concen: 2.701 ng
RT: 12.498 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

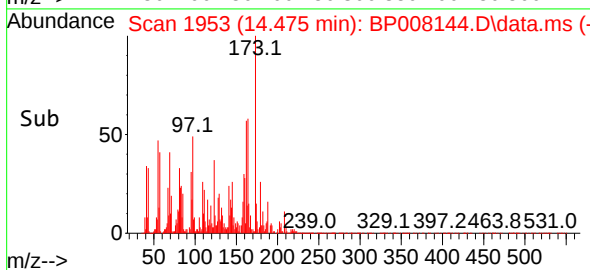
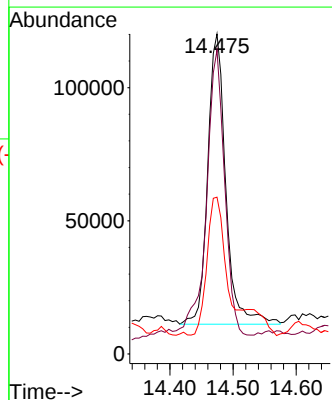
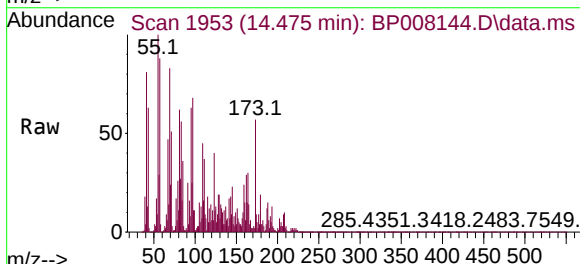
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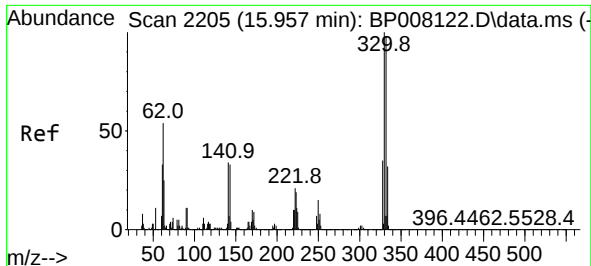
Tgt Ion:142 Resp: 33705
Ion Ratio Lower Upper
142 100
141 126.4 74.2 111.4#
116 54.9 3.4 5.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. 0.017 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:164 Resp: 216905
Ion Ratio Lower Upper
164 100
162 95.0 81.9 122.9
160 49.0 35.4 53.0

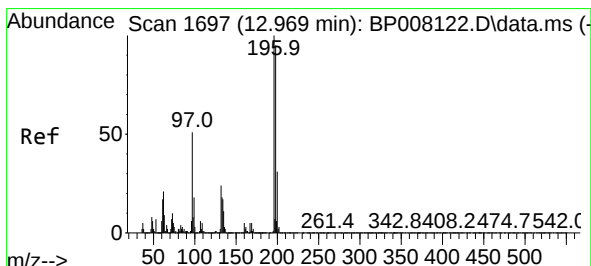
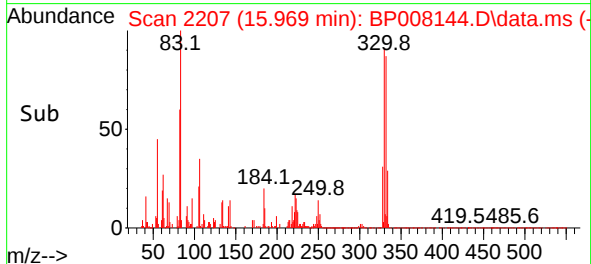
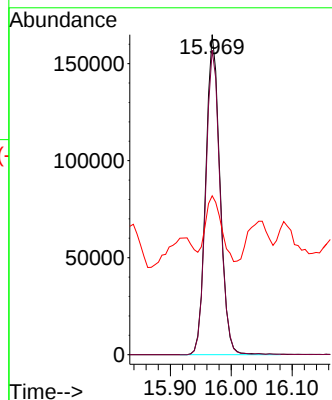
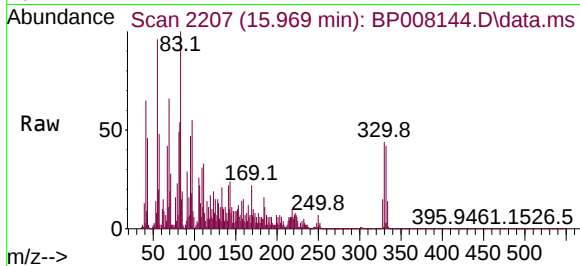




#42
2,4,6-Tribromophenol
Concen: 96.723 ng
RT: 15.969 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

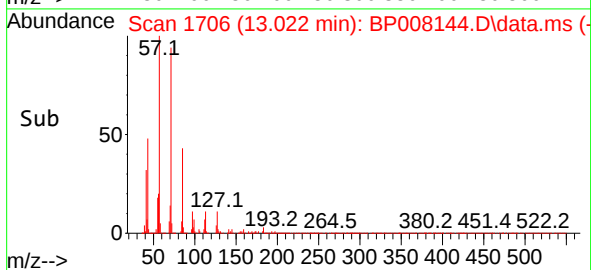
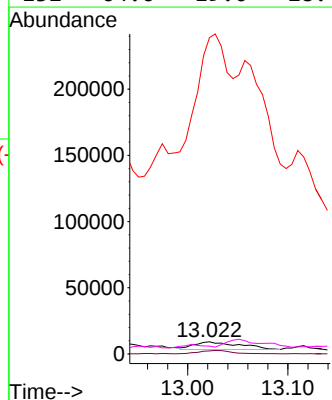
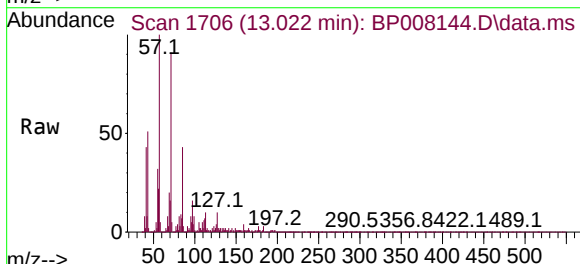
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ClientSampleId :
SB-4-3.0

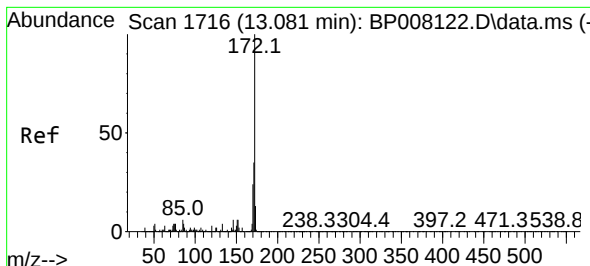
Tgt Ion:330 Resp: 268155
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 22.2 28.4 42.6#



#44
2,4,5-Trichlorophenol
Concen: 3.501 ng
RT: 13.022 min Scan# 1706
Delta R.T. 0.053 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:196 Resp: 17911
Ion Ratio Lower Upper
196 100
198 25.4 76.2 114.4#
97 2606.2 40.8 61.2#
132 64.6 19.0 28.4#





#45

2-Fluorobiphenyl

Concen: 52.734 ng

RT: 13.086 min Scan# 1

Delta R.T. 0.005 min

Lab File: BP008144.D

Acq: 29 Nov 2021 16:32

Instrument :

BNA_P

ClientSampleId :

SB-4-3.0

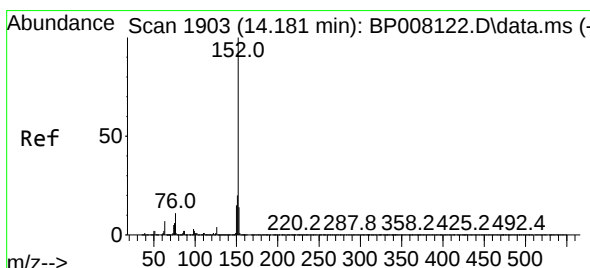
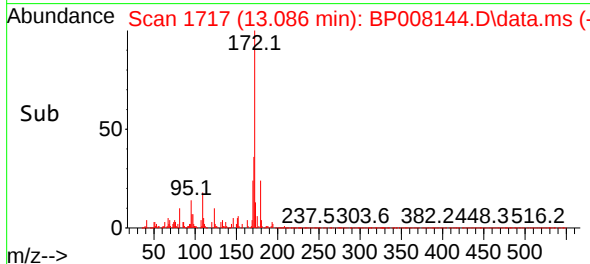
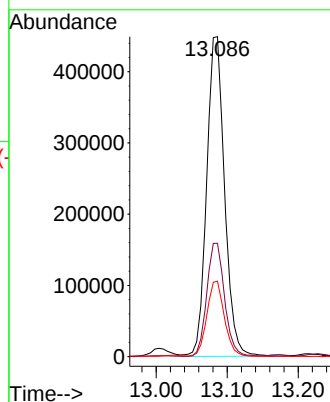
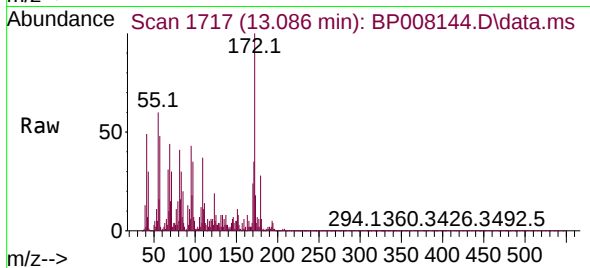
Tgt Ion:172 Resp: 787476

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.6 18.9 28.3



#49

Acenaphthylene

Concen: 3.247 ng

RT: 14.216 min Scan# 1909

Delta R.T. 0.035 min

Lab File: BP008144.D

Acq: 29 Nov 2021 16:32

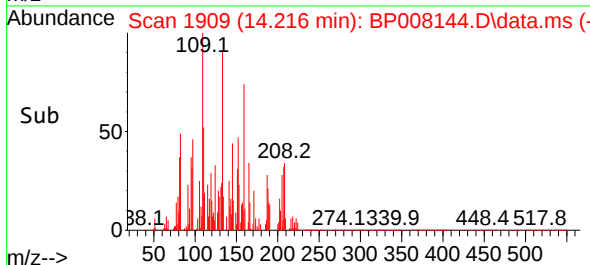
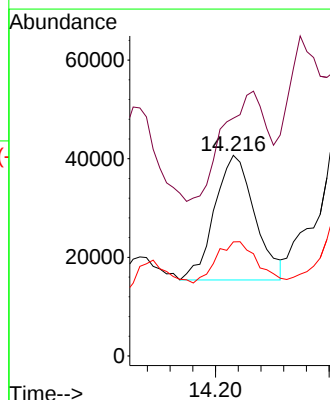
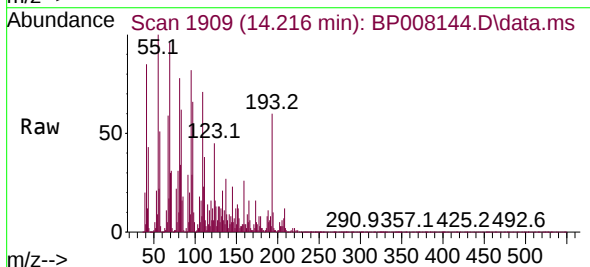
Tgt Ion:152 Resp: 62249

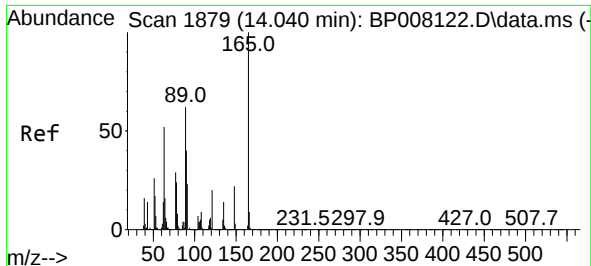
Ion Ratio Lower Upper

152 100

151 118.5 16.2 24.4#

153 56.9 10.9 16.3#

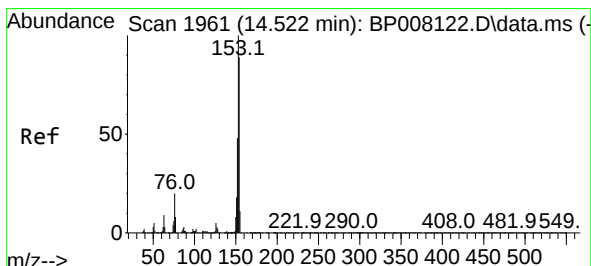
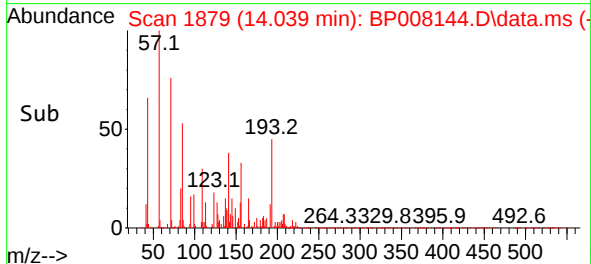
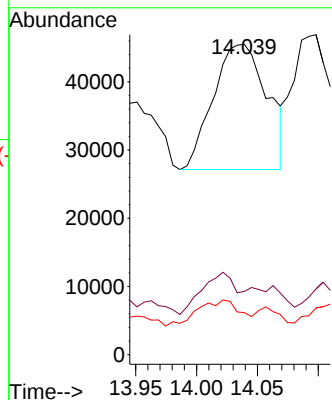
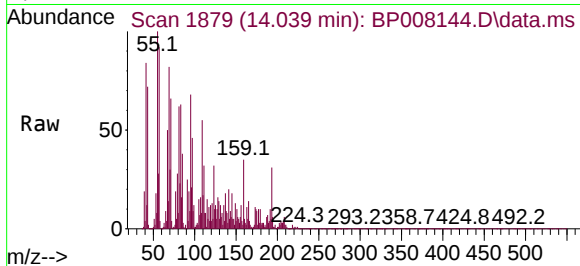




#51
2,6-Dinitrotoluene
Concen: 16.733 ng
RT: 14.039 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

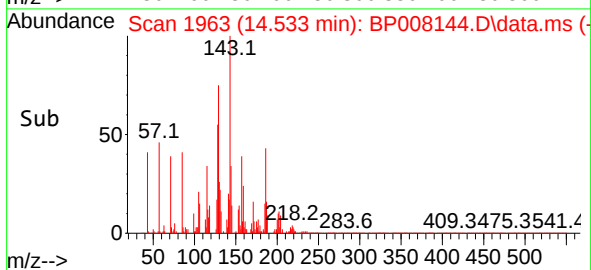
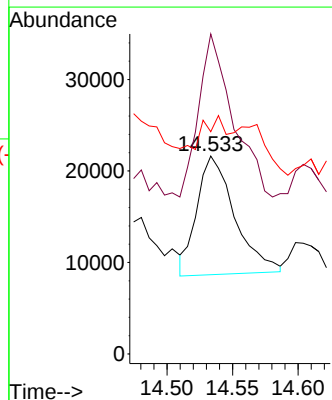
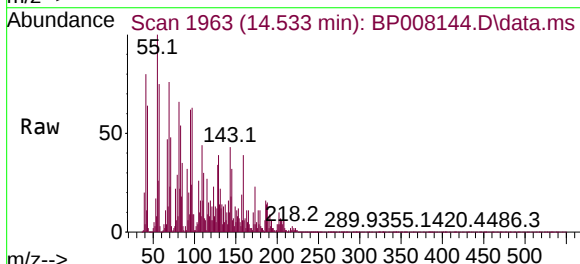
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

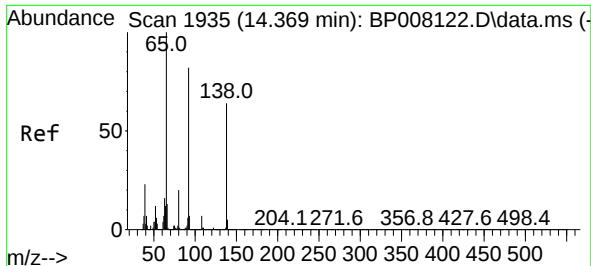
Tgt Ion:165 Resp: 56565
Ion Ratio Lower Upper
165 100
63 20.4 50.8 76.2#
89 13.6 50.0 75.0#



#52
Acenaphthene
Concen: 2.284 ng
RT: 14.533 min Scan# 1963
Delta R.T. 0.011 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:154 Resp: 26094
Ion Ratio Lower Upper
154 100
153 161.7 90.3 135.5#
152 112.3 43.3 64.9#

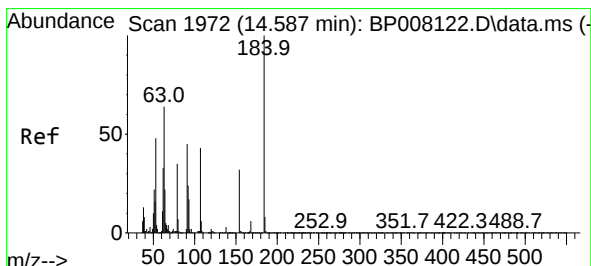
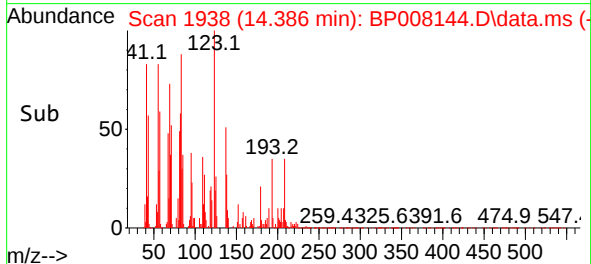
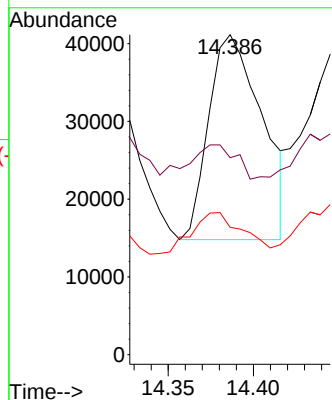
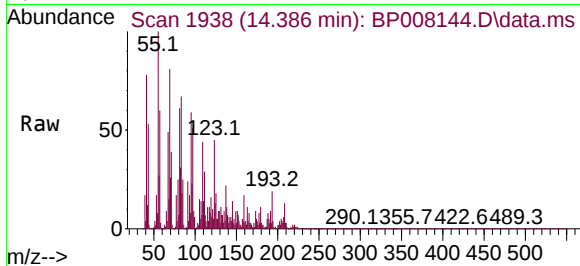




#53
3-Nitroaniline
Concen: 16.717 ng
RT: 14.386 min Scan# 1938
Delta R.T. 0.017 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

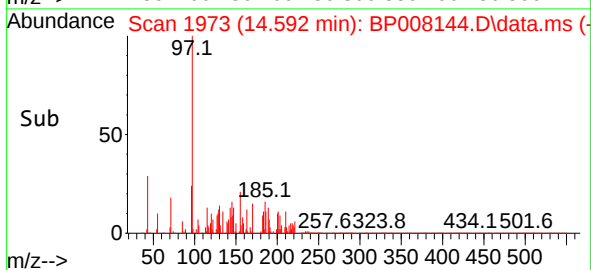
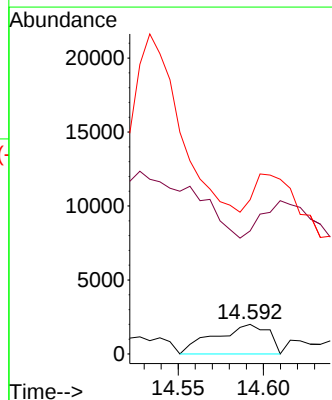
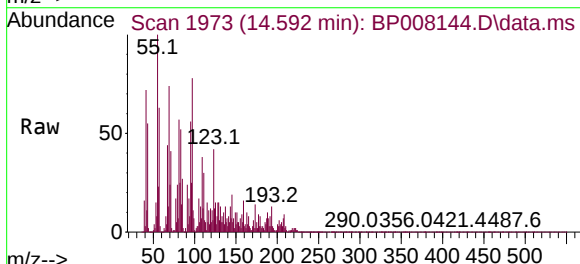
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

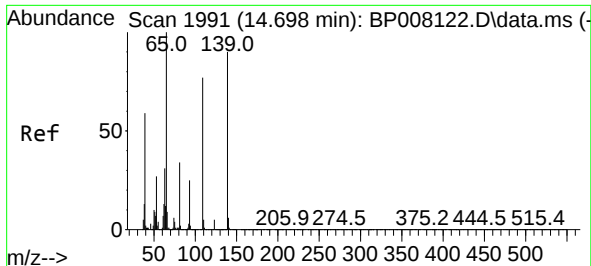
Tgt Ion:138 Resp: 57269
Ion Ratio Lower Upper
138 100
108 61.6 9.2 13.8#
92 39.8 102.9 154.3#



#54
2,4-Dinitrophenol
Concen: 2.198 ng
RT: 14.592 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:184 Resp: 4394
Ion Ratio Lower Upper
184 100
63 415.2 53.8 80.6#
154 520.1 54.2 81.2#

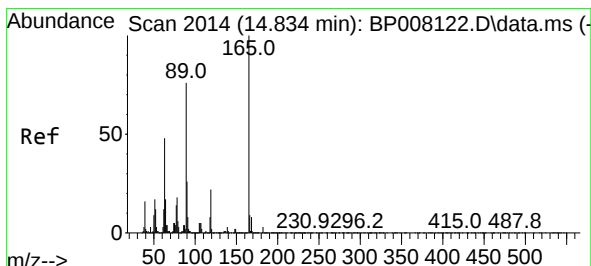
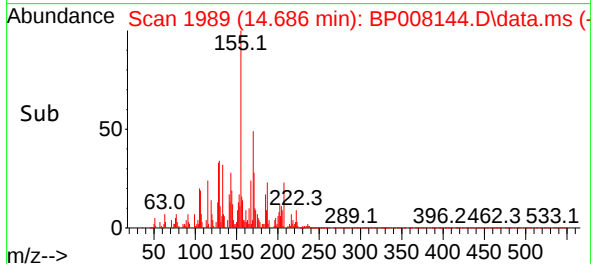
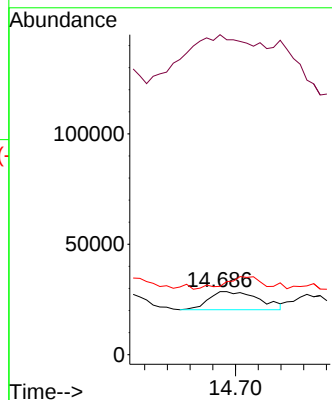
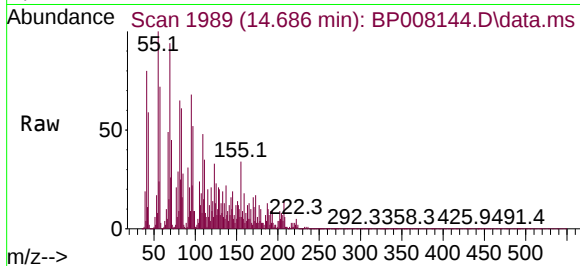




#56
4-Nitrophenol
Concen: 9.653 ng
RT: 14.686 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

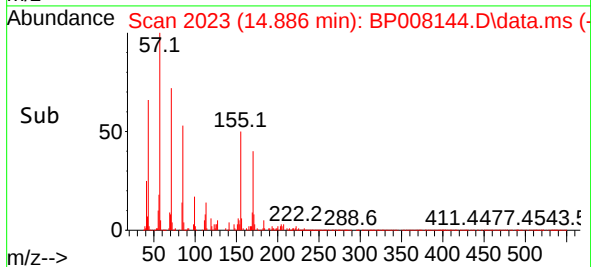
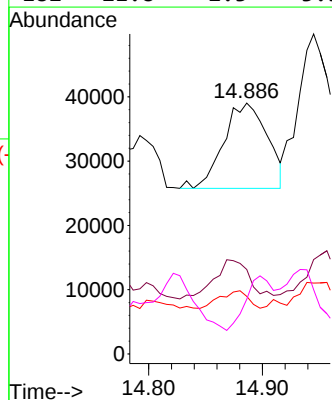
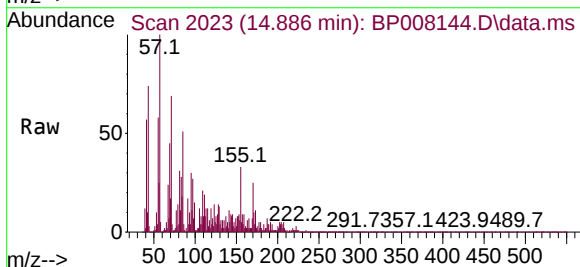
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

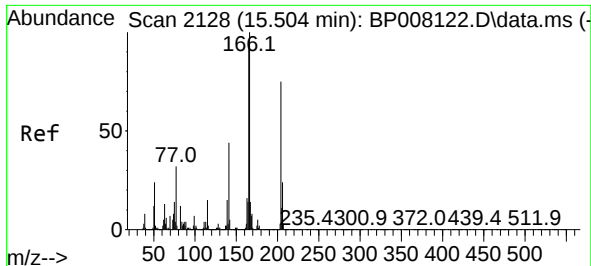
Tgt Ion:139 Resp: 25346
Ion Ratio Lower Upper
139 100
109 506.9 65.9 105.9#
65 108.2 91.9 131.9



#57
2,4-Dinitrotoluene
Concen: 7.630 ng
RT: 14.886 min Scan# 2023
Delta R.T. 0.053 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:165 Resp: 35398
Ion Ratio Lower Upper
165 100
63 33.7 38.9 58.3#
89 22.9 60.5 90.7#
182 21.8 2.3 3.5#

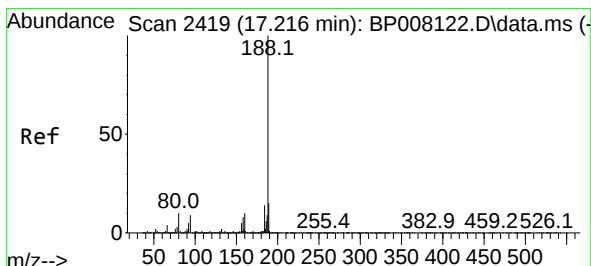
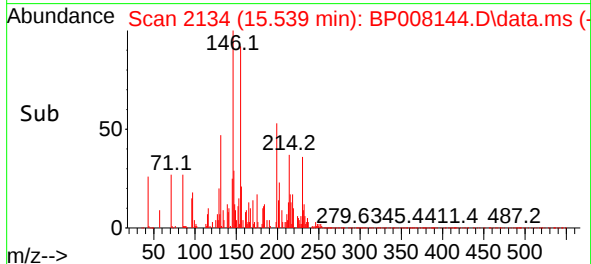
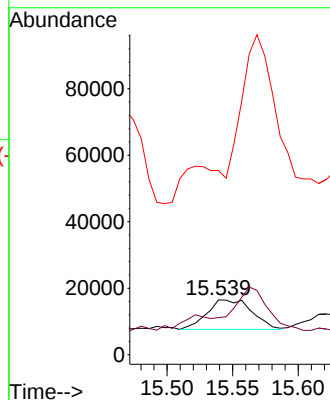
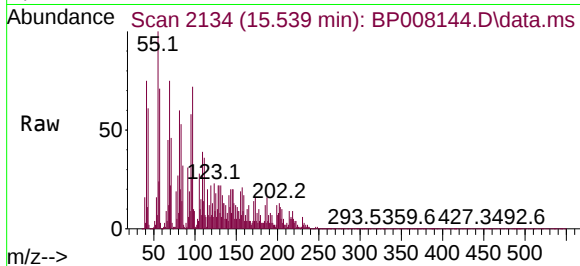




#61
4-Chlorophenyl-phenylether
Concen: 2.441 ng
RT: 15.539 min Scan# 2128
Delta R.T. 0.035 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

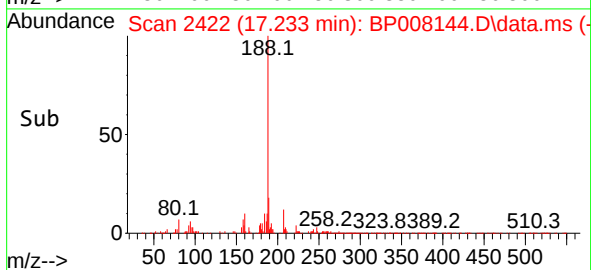
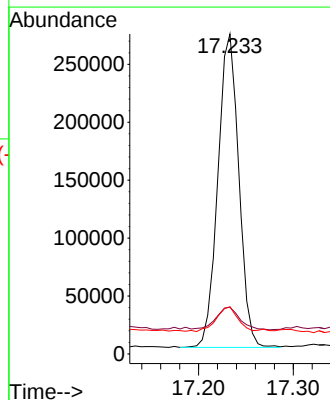
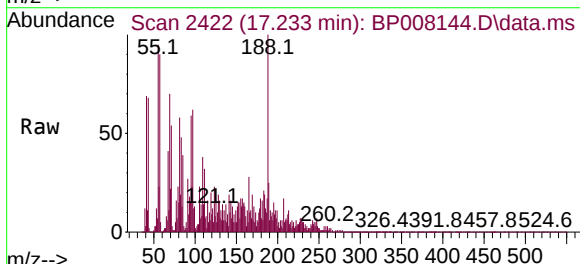
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

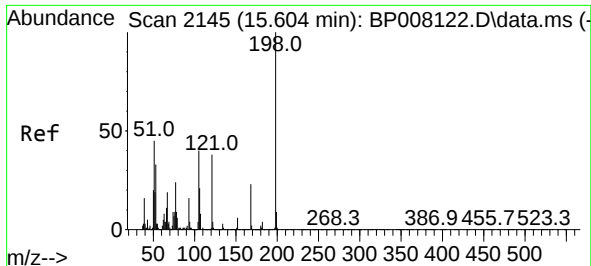
Tgt Ion:204 Resp: 21242
Ion Ratio Lower Upper
204 100
206 67.8 26.1 39.1#
141 336.7 47.4 71.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2422
Delta R.T. 0.017 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:188 Resp: 416124
Ion Ratio Lower Upper
188 100
94 14.6 7.2 10.8#
80 14.8 8.2 12.4#

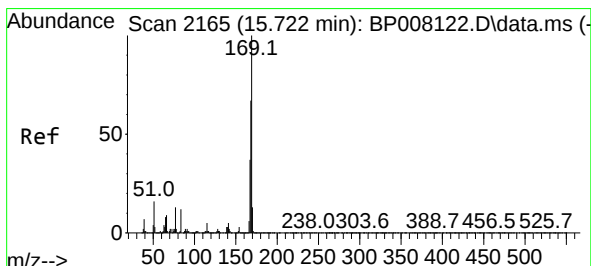
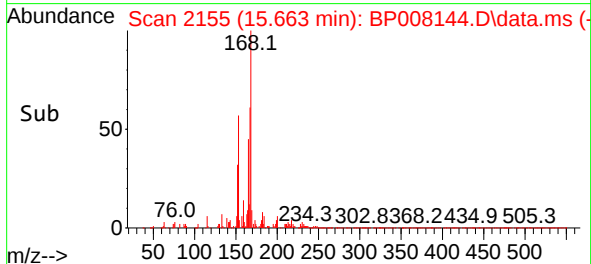
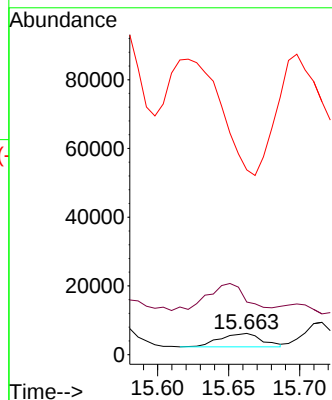
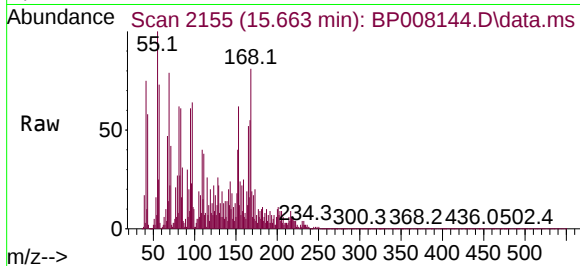




#65
4,6-Dinitro-2-methylphenol
Concen: 2.925 ng
RT: 15.663 min Scan# 2115
Delta R.T. 0.058 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

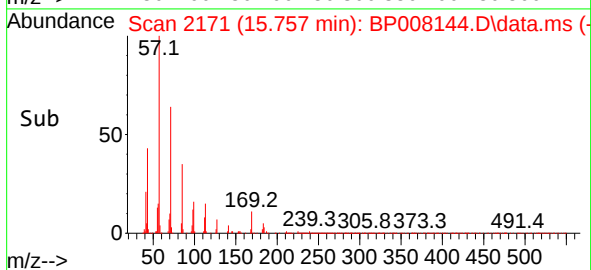
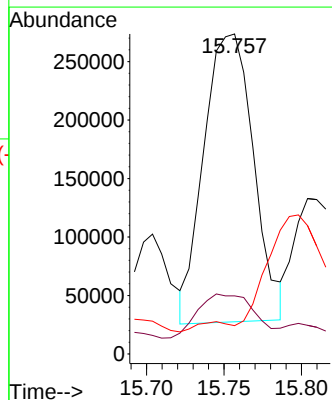
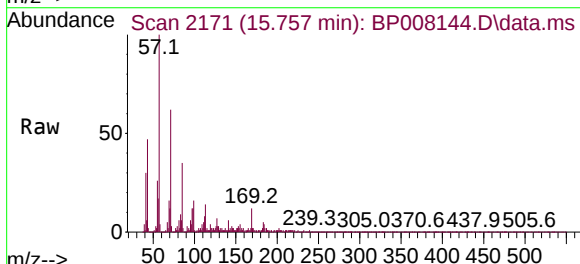
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

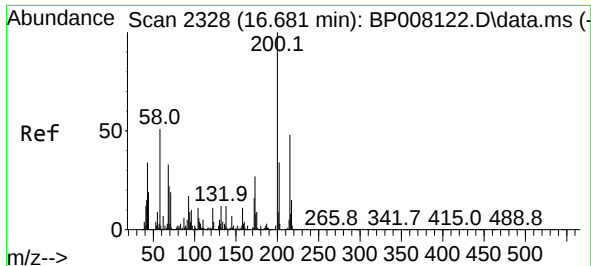
Tgt Ion:198 Resp: 7961
Ion Ratio Lower Upper
198 100
51 247.4 25.9 65.9#
105 868.4 20.2 60.2#



#66
n-Nitrosodiphenylamine
Concen: 45.591 ng
RT: 15.757 min Scan# 2171
Delta R.T. 0.035 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:169 Resp: 549544
Ion Ratio Lower Upper
169 100
168 18.1 53.5 80.3#
167 8.8 29.3 43.9#

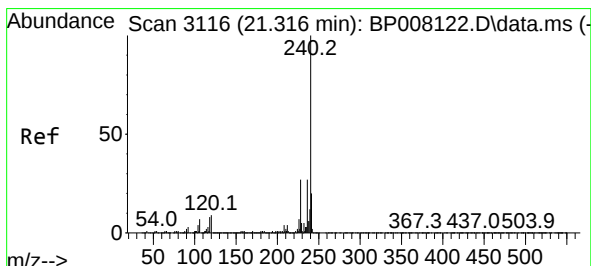
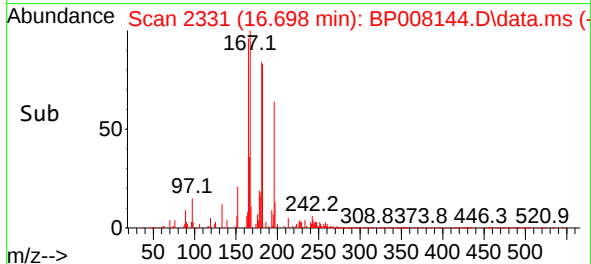
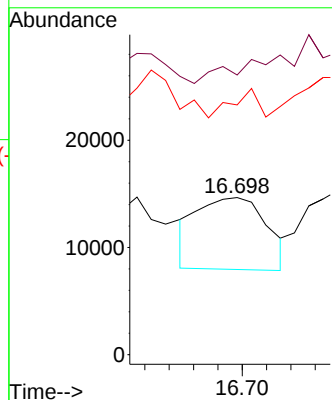
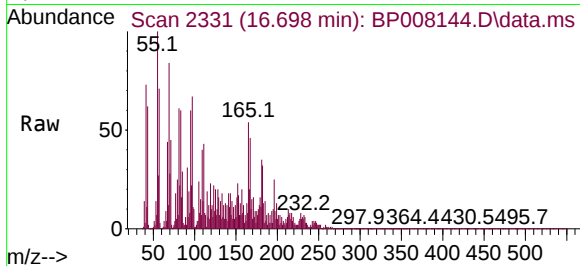




#69
Atrazine
Concen: 4.273 ng
RT: 16.698 min Scan# 21
Delta R.T. 0.017 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

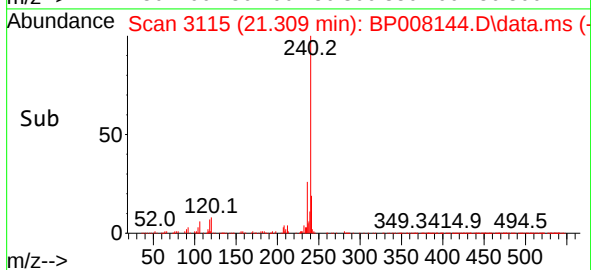
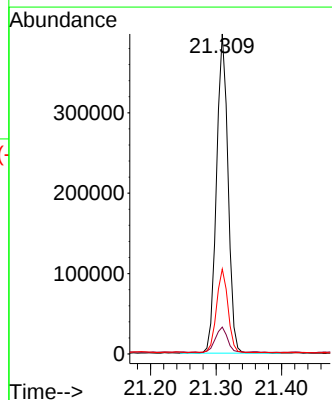
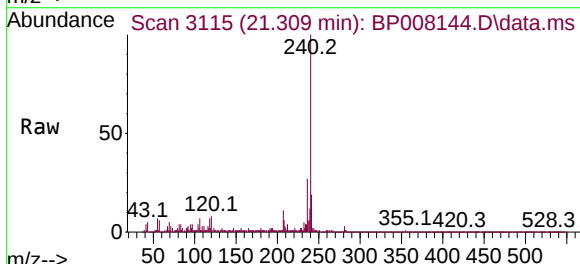
Instrument :
BNA_P
ClientSampleId :
SB-4-3.0

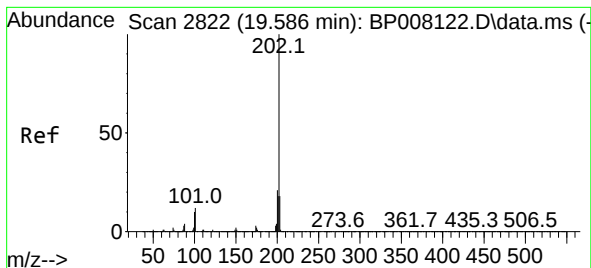
Tgt Ion:200 Resp: 13367
Ion Ratio Lower Upper
200 100
173 178.0 6.8 46.8#
215 158.9 28.4 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.309 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008144.D
Acq: 29 Nov 2021 16:32

Tgt Ion:240 Resp: 482215
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 26.5 21.4 32.2





#78

Pyrene

Concen: 6.487 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.006 min

Lab File: BP008144.D

Acq: 29 Nov 2021 16:32

Instrument :

BNA_P

ClientSampleId :

SB-4-3.0

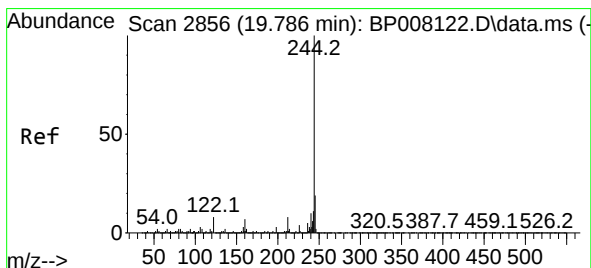
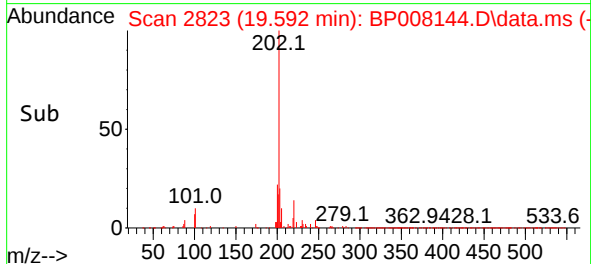
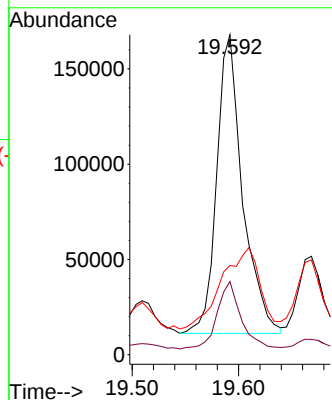
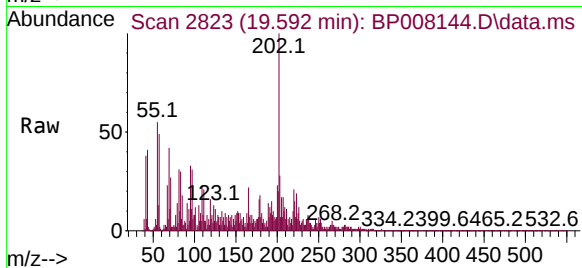
Tgt Ion:202 Resp: 264280

Ion Ratio Lower Upper

202 100

200 22.8 17.1 25.7

203 27.8 14.2 21.2#



#79

Terphenyl-d14

Concen: 55.767 ng

RT: 19.786 min Scan# 2856

Delta R.T. 0.000 min

Lab File: BP008144.D

Acq: 29 Nov 2021 16:32

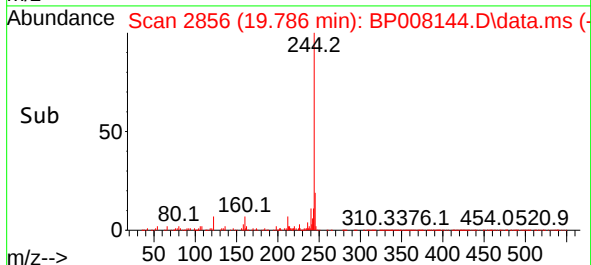
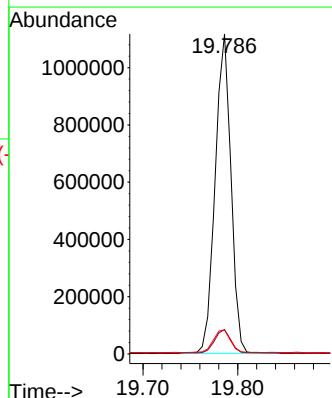
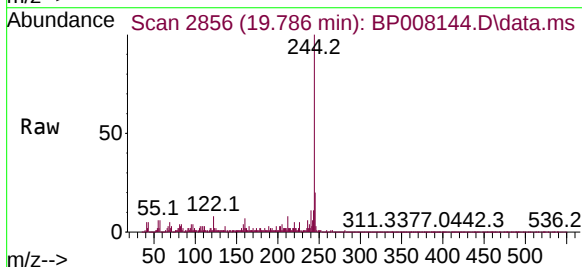
Tgt Ion:244 Resp: 1286722

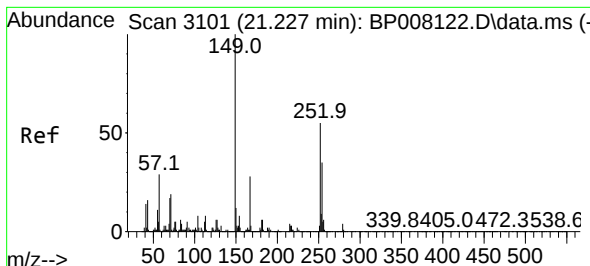
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 7.5 6.6 9.8

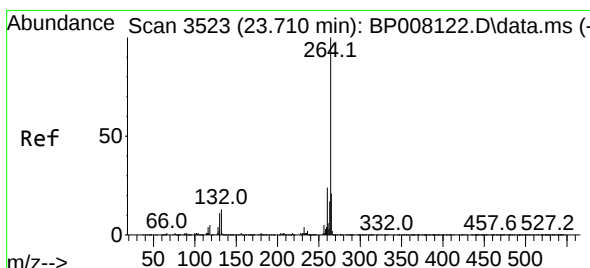
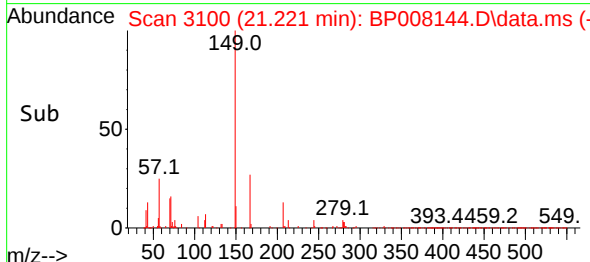
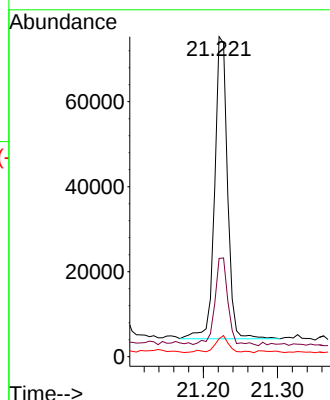
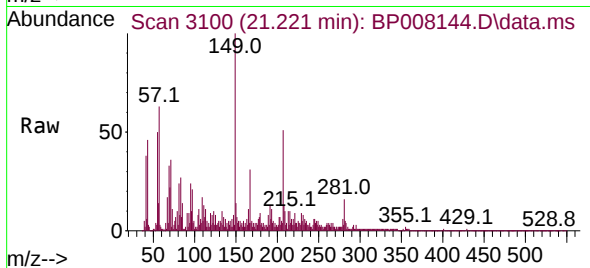




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.107 ng
 RT: 21.221 min Scan# 3100
 Delta R.T. -0.006 min
 Lab File: BP008144.D
 Acq: 29 Nov 2021 16:32

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-3.0

Tgt Ion:149 Resp: 85627
 Ion Ratio Lower Upper
 149 100
 167 30.7 22.5 33.7
 279 5.6 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.703 min Scan# 3522
 Delta R.T. -0.006 min
 Lab File: BP008144.D
 Acq: 29 Nov 2021 16:32

Tgt Ion:264 Resp: 534193
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.6 17.6 26.4

