

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103122\
 Data File : BP012438.D
 Acq On : 01 Nov 2022 21:19
 Operator : CG/JU
 Sample : N5300-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BHA80

Quant Time: Nov 01 23:01:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 01 01:03:58 2022
 Response via : Initial Calibration

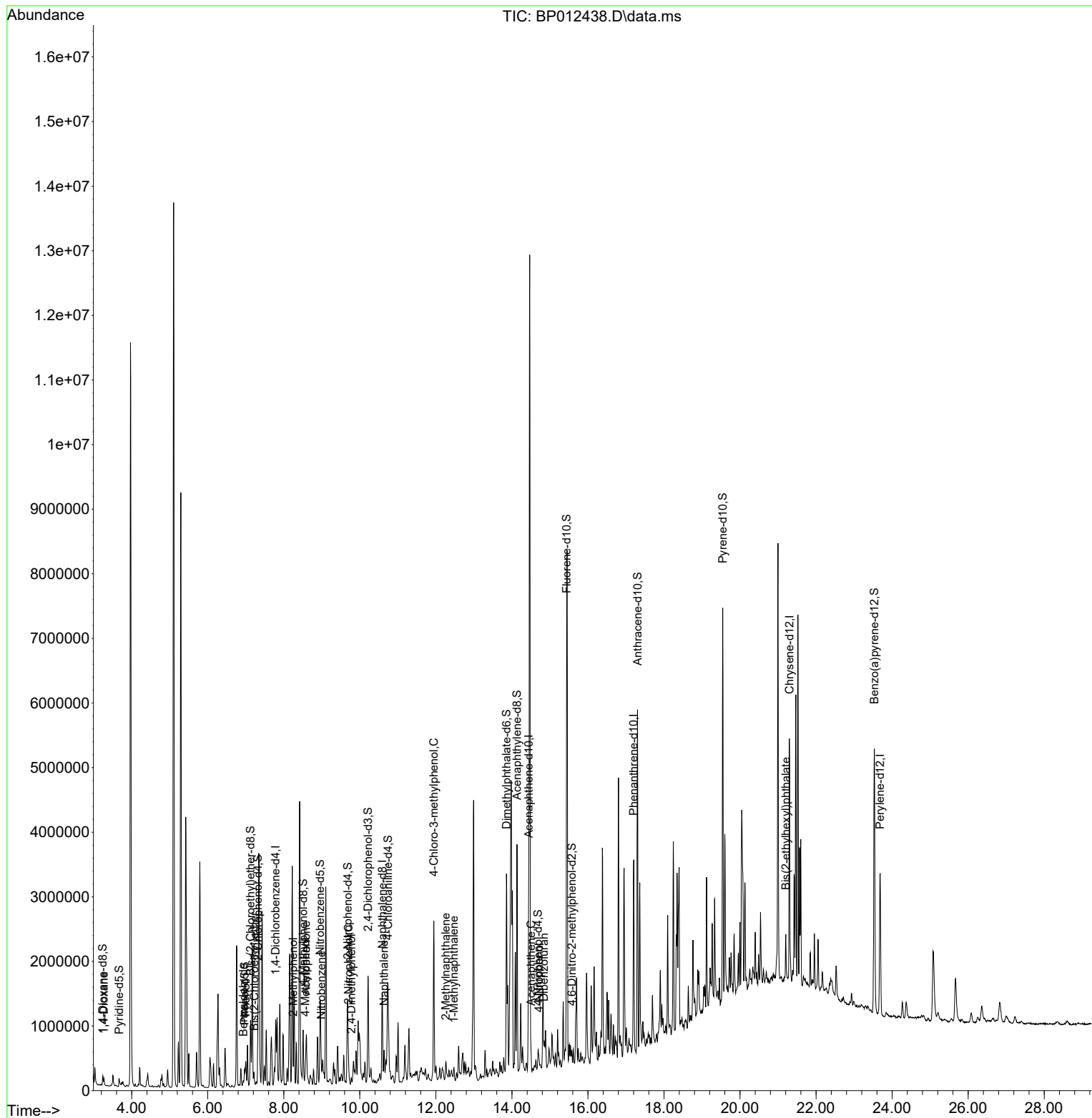
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	272096	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	1212926	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.440	164	776069	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1665620	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1761554	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	1704730	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	22771	3.370	ng/uL	0.00
4) Pyridine-d5	3.669	84	86982	4.481	ng/ul	0.01
7) Phenol-d5	6.969	99	172729	7.078	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	413811	28.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	454042	25.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	331383	17.168	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	299074	38.023	ng/ul	0.00
24) 2-Nitrophenol-d4	9.681	143	328803	40.275	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	614811	34.749	ng/ul	0.00
31) 4-Chloroaniline-d4	10.740	131	470826	17.872	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	2040287	38.405	ng/ul	0.00
49) Acenaphthylene-d8	14.134	160	2284447	37.628	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	73740	7.334	ng/ul	0.02
60) Fluorene-d10	15.439	176	1650645	36.290	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	36894	4.254	ng/ul	0.00
73) Anthracene-d10	17.304	188	2779733	38.732	ng/ul	0.00
81) Pyrene-d10	19.545	212	3251278	36.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.533	264	3254554	39.072	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.269	88	51467	7.164	ng/uL	98
6) Benzaldehyde	6.934	77	18193	1.581	ng/ul#	34
8) Phenol	6.999	94	33980	1.339	ng/ul#	84
10) Bis(2-Chloroethyl)ether	7.222	93	27276	1.339	ng/ul	98
13) 2-Methylphenol	8.246	108	19857	1.018	ng/ul	87
16) Acetophenone	8.587	105	125485	4.186	ng/ul	91
18) 4-Methylphenol	8.569	108	133002	6.236	ng/ul	84
22) Nitrobenzene	8.987	77	44980	2.192	ng/ul#	42
25) 2-Nitrophenol	9.699	139	21327	2.179	ng/ul#	89
26) 2,4-Dimethylphenol	9.775	107	32446	1.509	ng/ul	96
30) Naphthalene	10.640	128	377508	5.873	ng/ul	99
35) 4-Chloro-3-methylphenol	11.946	107	552778	27.390	ng/ul#	18
36) 2-Methylnaphthalene	12.257	142	64613	1.466	ng/ul	95
37) 1-Methylnaphthalene	12.475	142	64972	1.476	ng/ul#	94
52) Acenaphthene	14.504	153	53260	1.113	ng/ul	98
55) 4-Nitrophenol	14.710	109	10022	1.317	ng/ul#	32
56) Dibenzofuran	14.839	168	85216	1.305	ng/ul	89
86) Bis(2-ethylhexyl)phtha...	21.204	149	220803	3.424	ng/ul	99

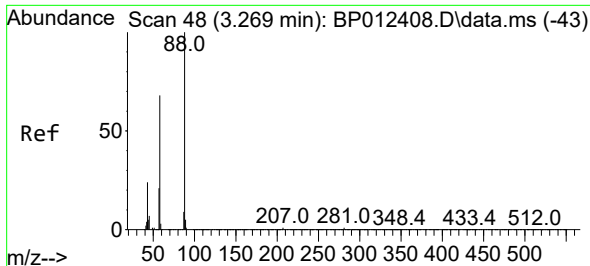
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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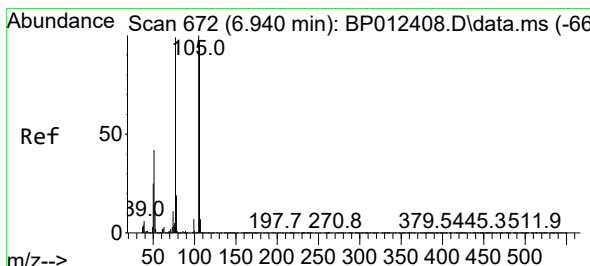
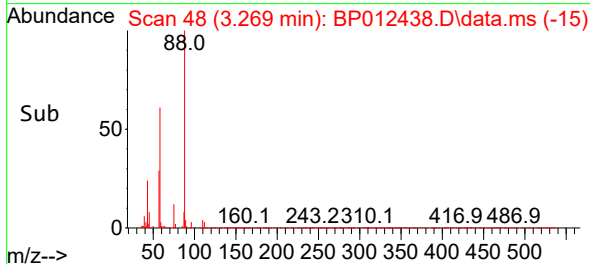
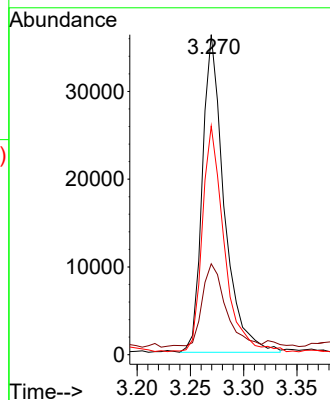
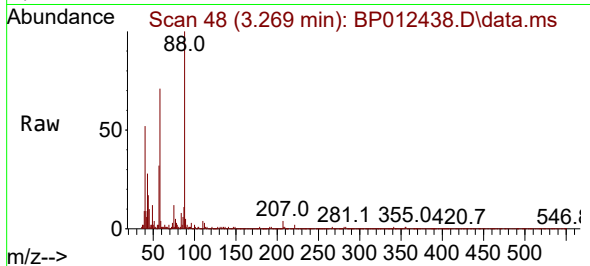




#2
1,4-Dioxane
Concen: 7.164 ng/uL
RT: 3.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

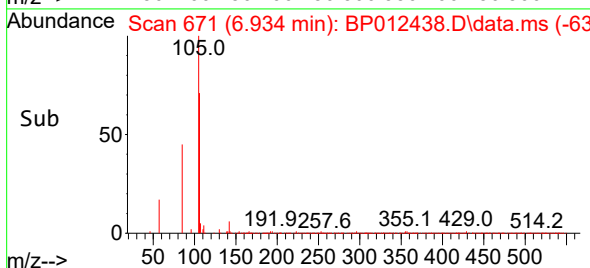
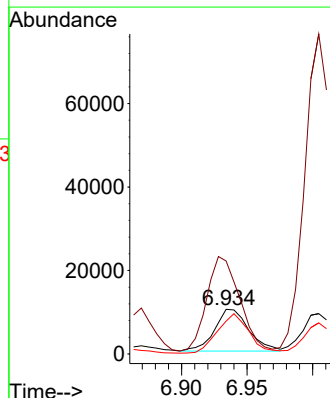
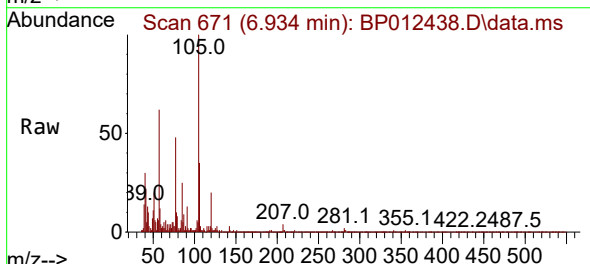
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ClientSampleId :
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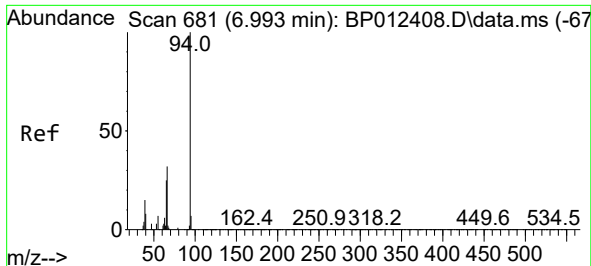
Tgt Ion:	88	Resp:	51467
Ion Ratio	Lower	Upper	
88	100		
43	28.4	20.6	31.0
58	71.5	58.0	87.0



#6
Benzaldehyde
Concen: 1.581 ng/uL
RT: 6.934 min Scan# 671
Delta R.T. -0.012 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion:	77	Resp:	18193
Ion Ratio	Lower	Upper	
77	100		
105	208.3	81.0	121.6#
106	73.5	79.2	118.8#

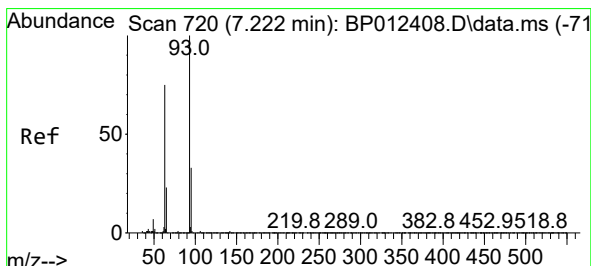
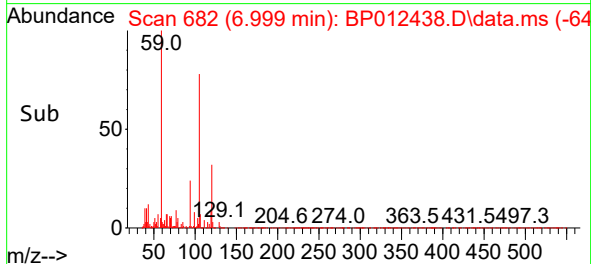
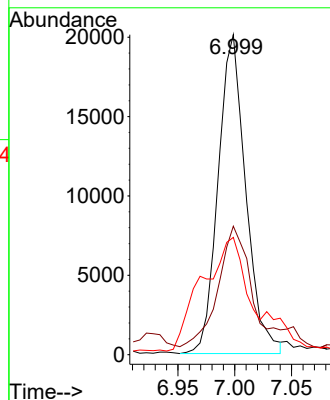
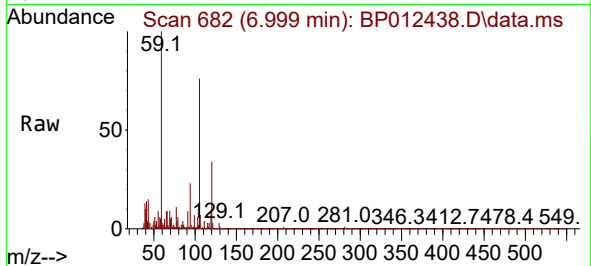




#8
Phenol
Concen: 1.339 ng/ul
RT: 6.999 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

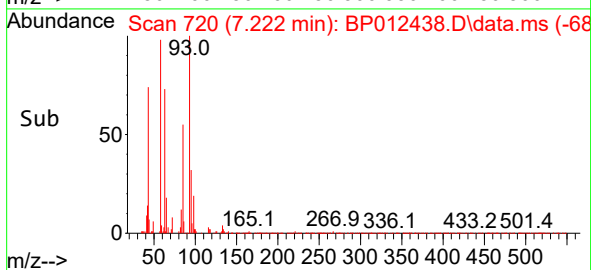
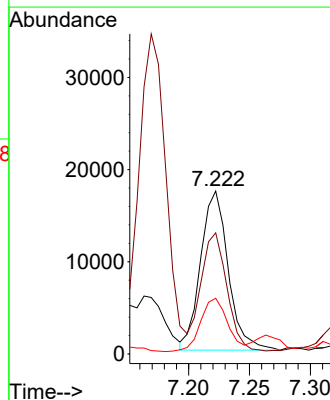
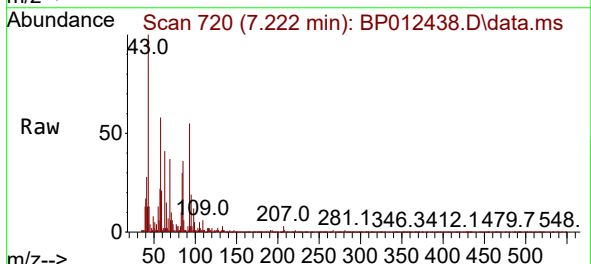
Instrument :
BNA_P
ClientSampleId :
BHA80

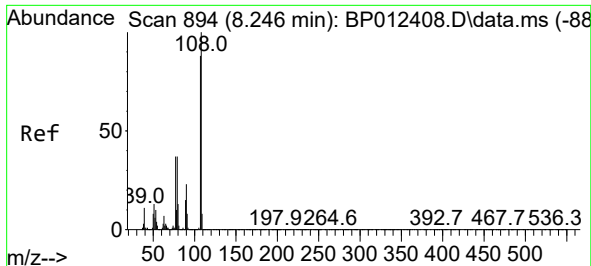
Tgt Ion: 94 Resp: 33980
Ion Ratio Lower Upper
94 100
65 40.2 20.8 31.2#
66 36.7 26.2 39.2



#10
Bis(2-Chloroethyl)ether
Concen: 1.339 ng/ul
RT: 7.222 min Scan# 720
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion: 93 Resp: 27276
Ion Ratio Lower Upper
93 100
63 74.4 59.9 89.9
95 34.2 25.7 38.5





#13

2-Methylphenol

Concen: 1.018 ng/ul

RT: 8.246 min Scan# 894

Delta R.T. -0.000 min

Lab File: BP012438.D

Acq: 01 Nov 2022 21:19

Instrument :

BNA_P

ClientSampleId :

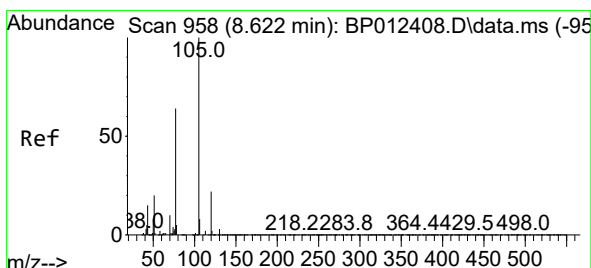
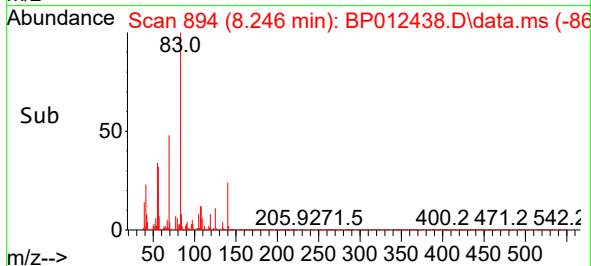
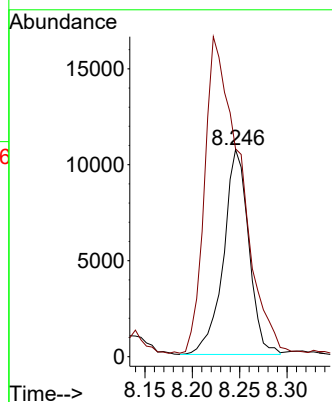
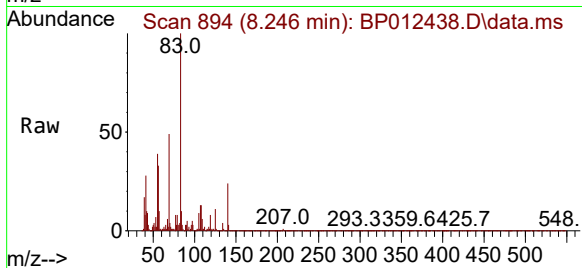
BHA80

Tgt Ion:108 Resp: 19857

Ion Ratio Lower Upper

108 100

107 100.4 70.8 106.2



#16

Acetophenone

Concen: 4.186 ng/ul

RT: 8.587 min Scan# 952

Delta R.T. -0.041 min

Lab File: BP012438.D

Acq: 01 Nov 2022 21:19

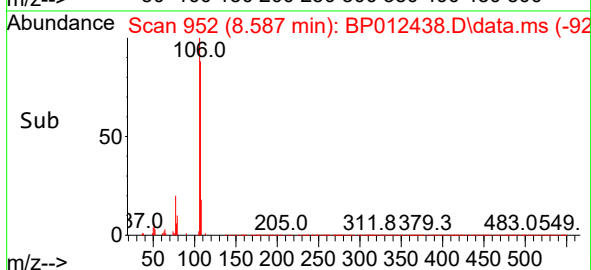
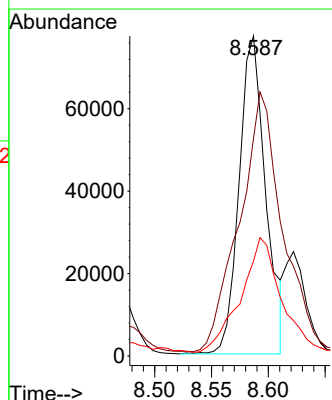
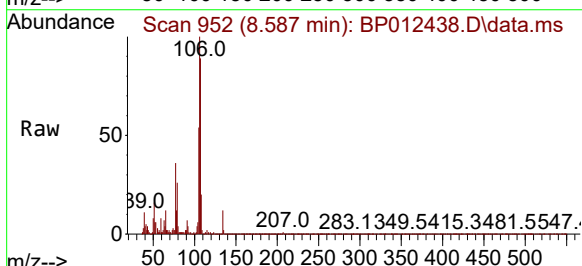
Tgt Ion:105 Resp: 125485

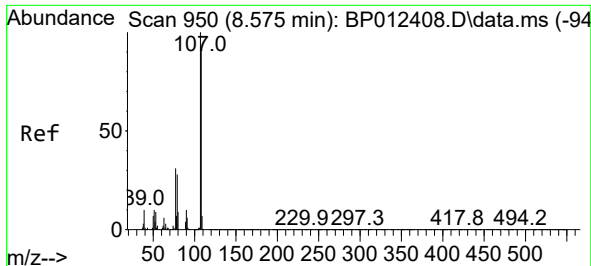
Ion Ratio Lower Upper

105 100

77 67.9 60.3 90.5

51 29.6 19.9 29.9





#18

4-Methylphenol

Concen: 6.236 ng/ul

RT: 8.569 min Scan# 94

Delta R.T. -0.006 min

Lab File: BP012438.D

Acq: 01 Nov 2022 21:19

Instrument :

BNA_P

ClientSampleId :

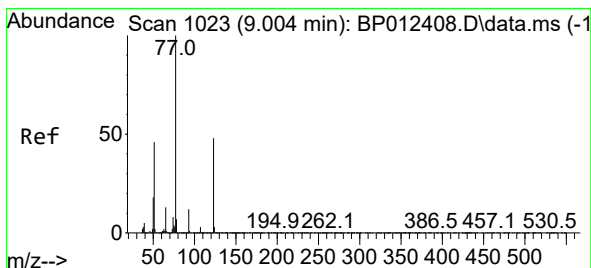
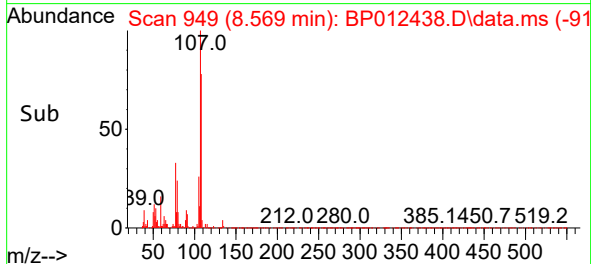
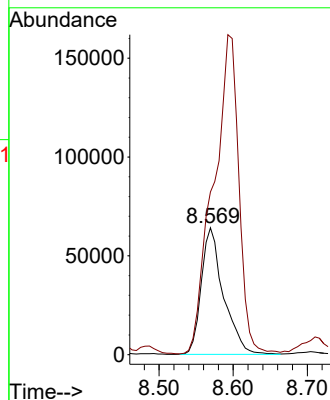
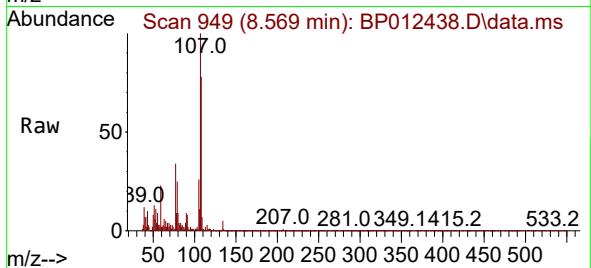
BHA80

Tgt Ion:108 Resp: 133002

Ion Ratio Lower Upper

108 100

107 128.3 89.1 133.7



#22

Nitrobenzene

Concen: 2.192 ng/ul

RT: 8.987 min Scan# 1020

Delta R.T. -0.018 min

Lab File: BP012438.D

Acq: 01 Nov 2022 21:19

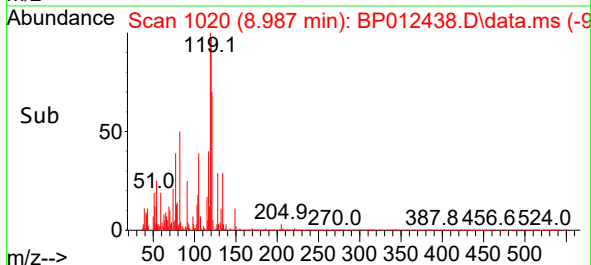
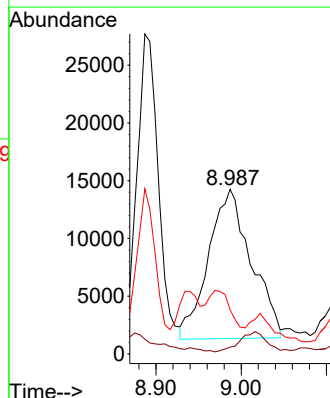
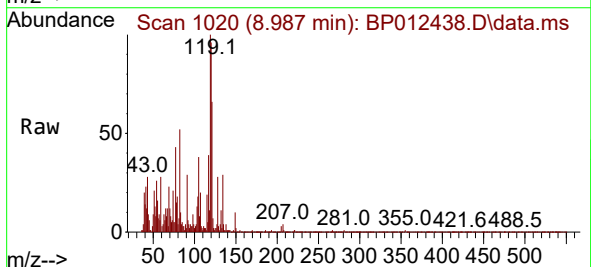
Tgt Ion: 77 Resp: 44980

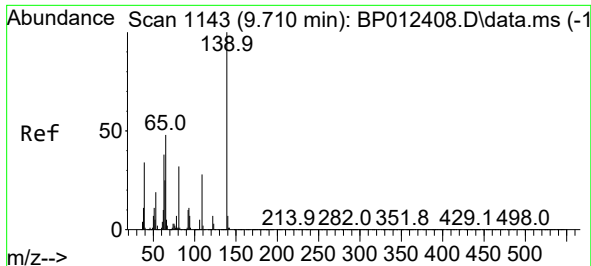
Ion Ratio Lower Upper

77 100

123 4.2 37.4 56.2#

65 26.8 10.2 15.2#

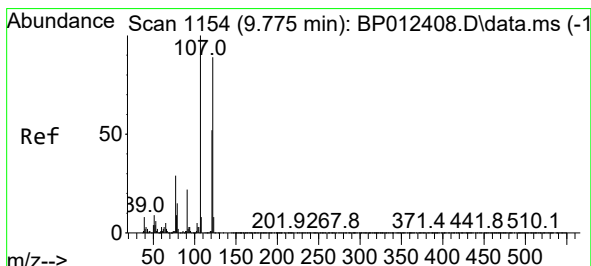
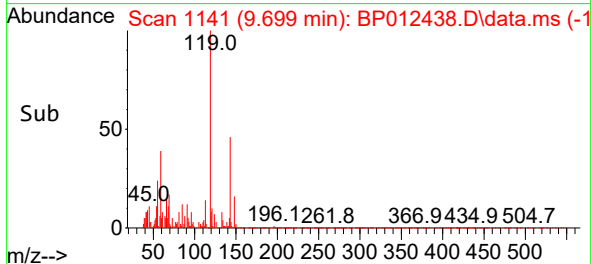
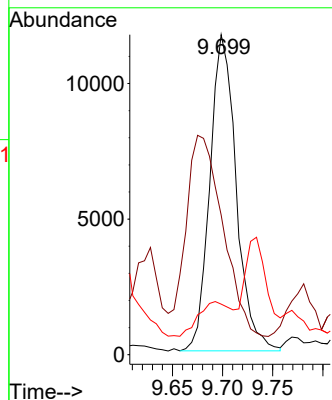
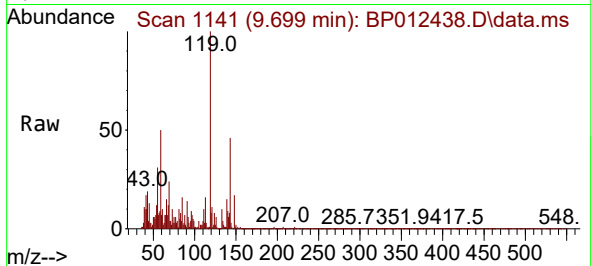




#25
2-Nitrophenol
Concen: 2.179 ng/ul
RT: 9.699 min Scan# 1141
Delta R.T. -0.018 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

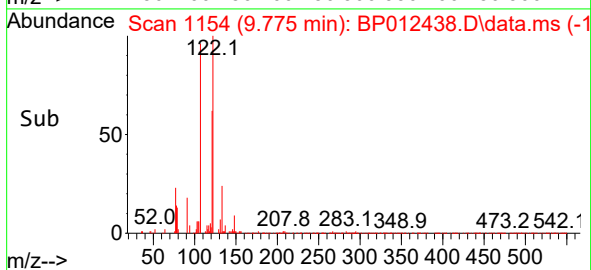
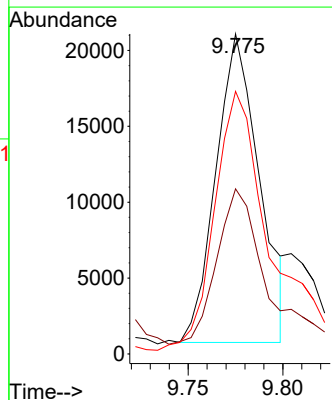
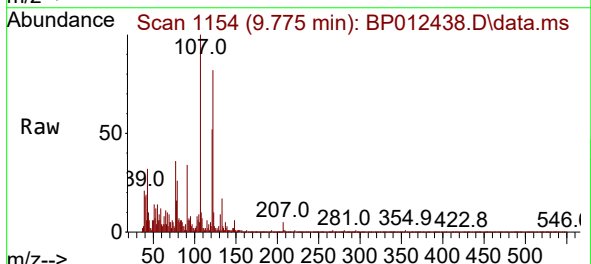
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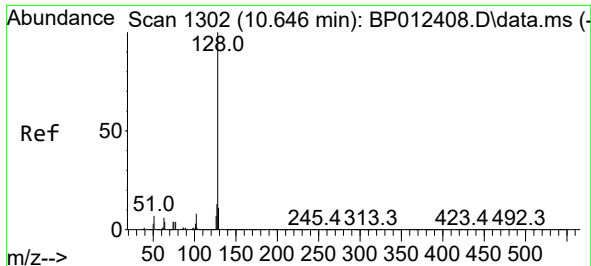
Tgt Ion:139 Resp: 21327
Ion Ratio Lower Upper
139 100
65 43.6 37.8 56.8
109 15.8 21.4 32.2#



#26
2,4-Dimethylphenol
Concen: 1.509 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion:107 Resp: 32446
Ion Ratio Lower Upper
107 100
121 51.6 40.9 61.3
122 82.1 70.6 105.8

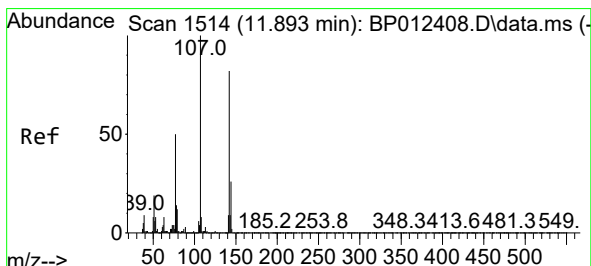
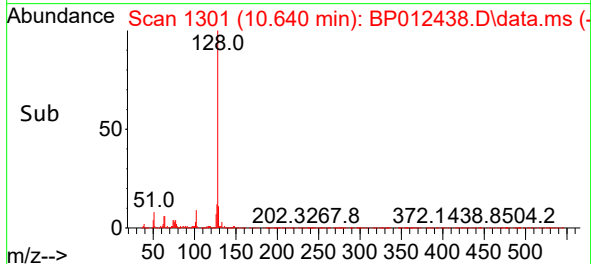
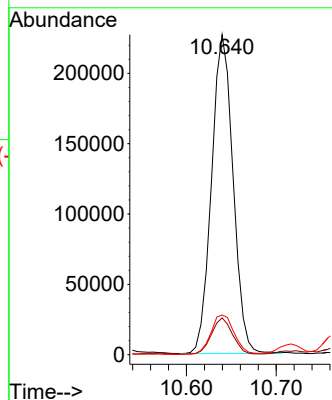
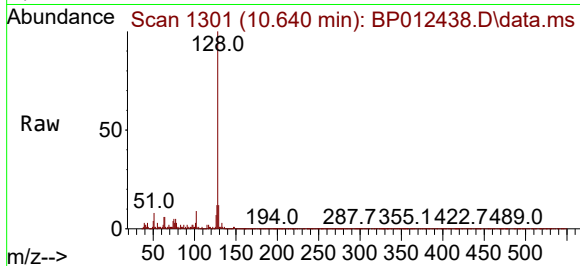




#30
Naphthalene
Concen: 5.873 ng/ul
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

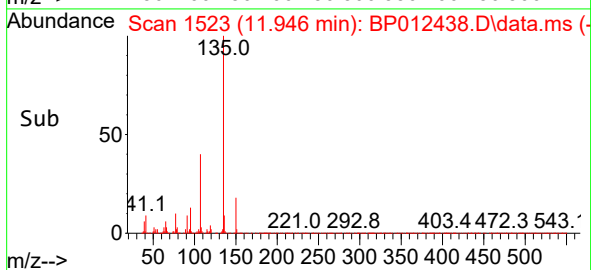
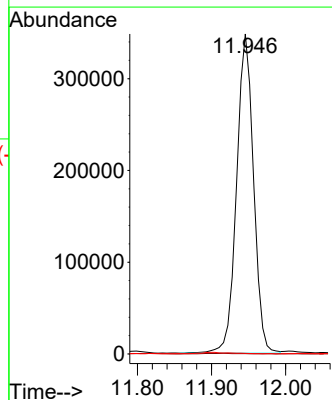
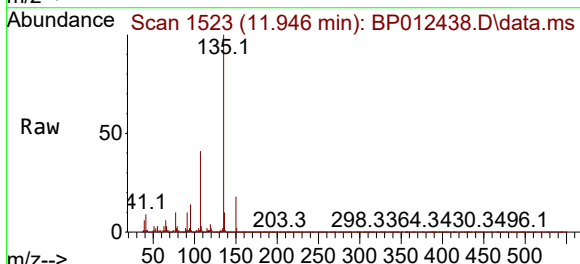
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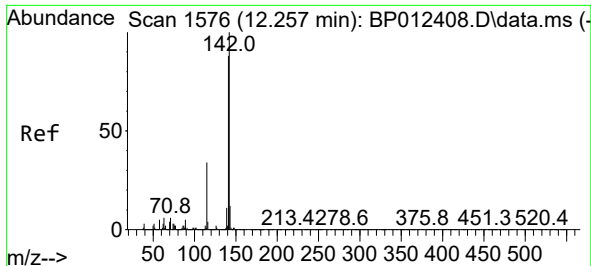
Tgt Ion:128 Resp: 377508
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 12.4 10.5 15.7



#35
4-Chloro-3-methylphenol
Concen: 27.390 ng/ul
RT: 11.946 min Scan# 1523
Delta R.T. 0.047 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion:107 Resp: 552778
Ion Ratio Lower Upper
107 100
144 0.1 21.0 31.4#
142 0.2 65.4 98.2#

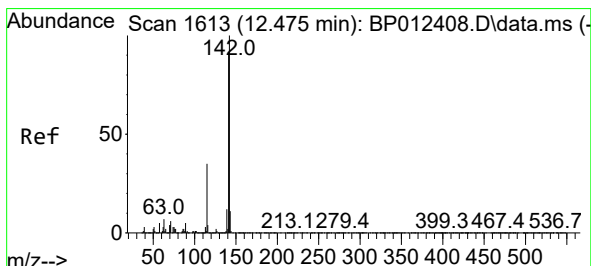
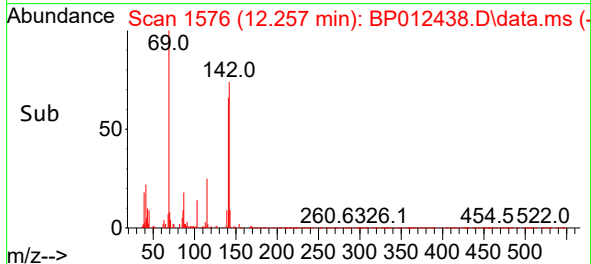
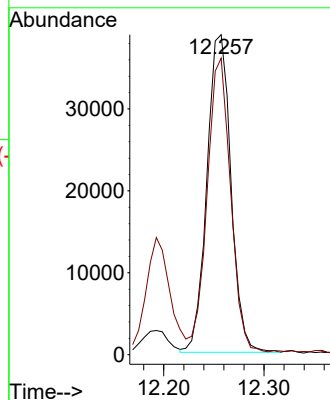
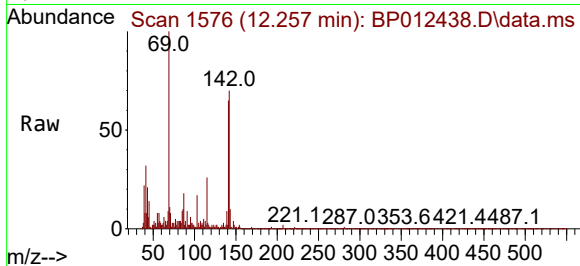




#36
2-Methylnaphthalene
Concen: 1.466 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

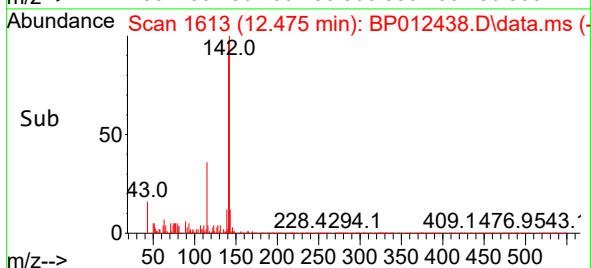
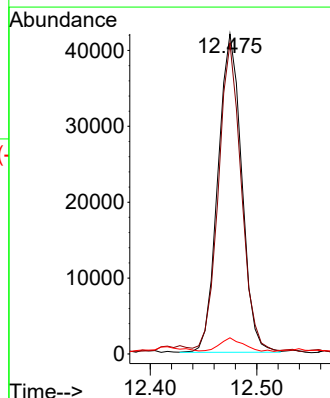
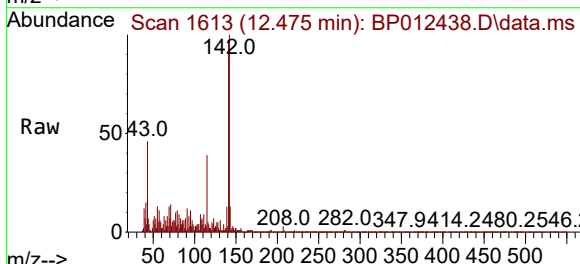
Instrument :
BNA_P
ClientSampleId :
BHA80

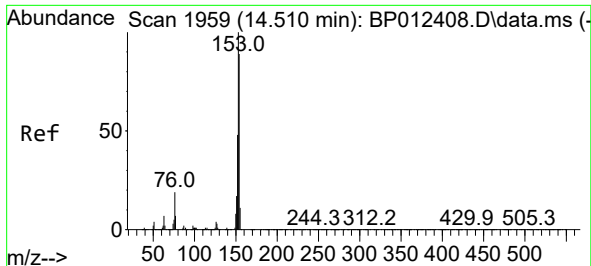
Tgt Ion:142 Resp: 64613
Ion Ratio Lower Upper
142 100
141 92.6 70.6 106.0



#37
1-Methylnaphthalene
Concen: 1.476 ng/ul
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion:142 Resp: 64972
Ion Ratio Lower Upper
142 100
141 97.1 73.1 109.7
116 5.1 3.0 4.6

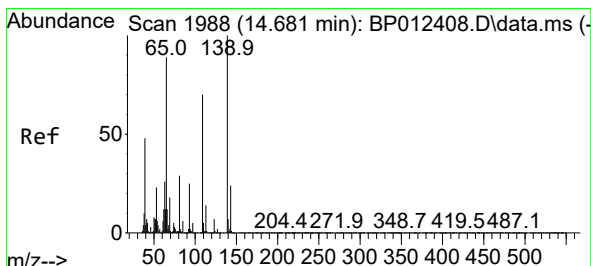
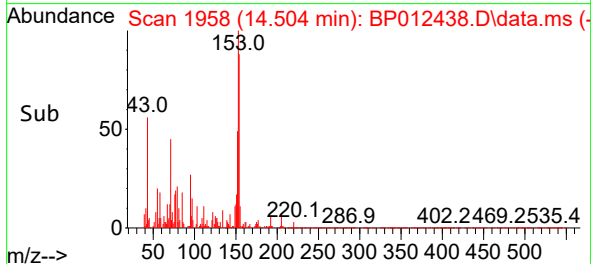
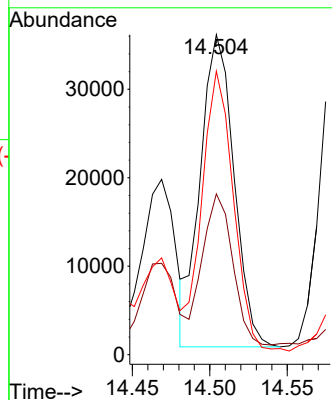
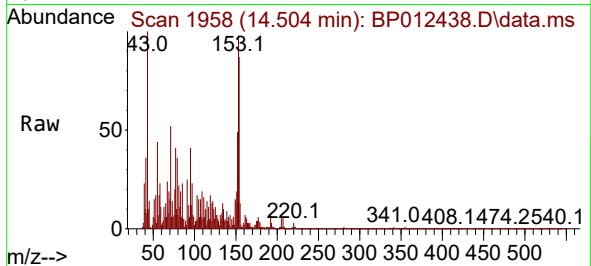




#52
Acenaphthene
Concen: 1.113 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

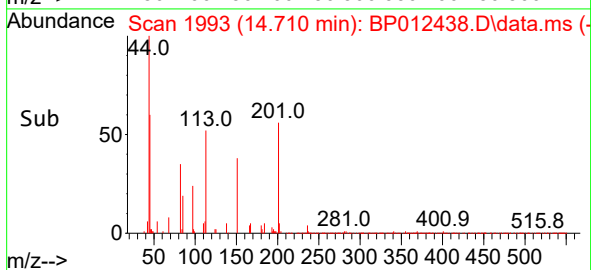
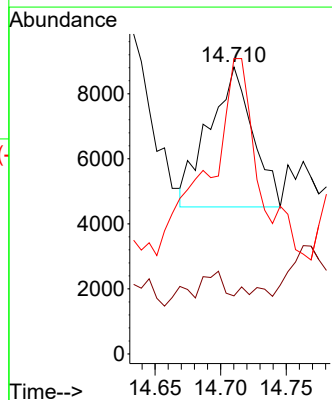
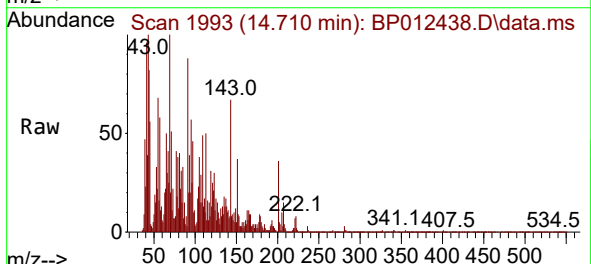
Instrument :
BNA_P
ClientSampleId :
BHA80

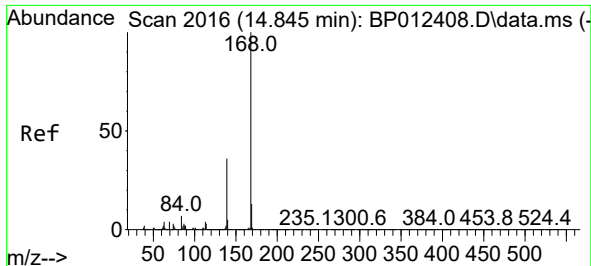
Tgt Ion:153 Resp: 53260
Ion Ratio Lower Upper
153 100
152 50.3 38.6 58.0
154 88.6 71.6 107.4



#55
4-Nitrophenol
Concen: 1.317 ng/ul
RT: 14.710 min Scan# 1993
Delta R.T. 0.029 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion:109 Resp: 10022
Ion Ratio Lower Upper
109 100
139 20.2 123.1 184.7#
65 102.9 107.9 161.9#

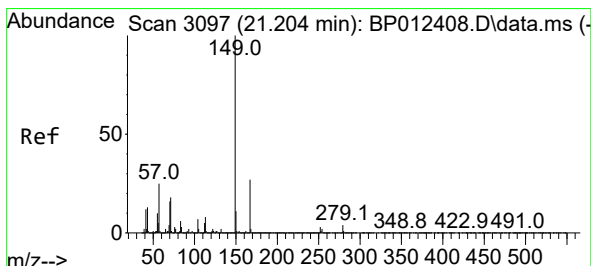
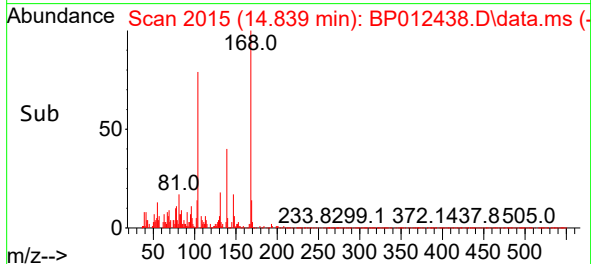
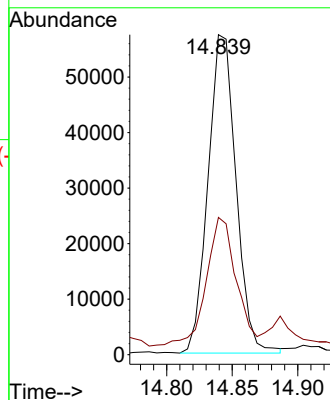
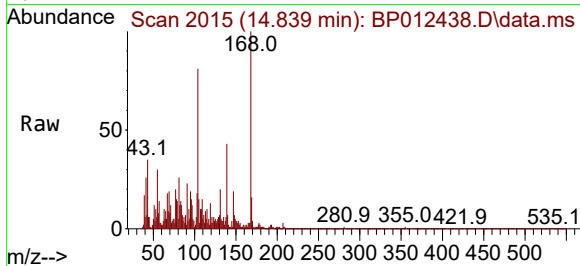




#56
Dibenzofuran
Concen: 1.305 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Instrument :
BNA_P
ClientSampleId :
BHA80

Tgt Ion:168 Resp: 85216
Ion Ratio Lower Upper
168 100
139 42.9 29.1 43.7



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.424 ng/ul
RT: 21.204 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP012438.D
Acq: 01 Nov 2022 21:19

Tgt Ion:149 Resp: 220803
Ion Ratio Lower Upper
149 100
167 28.0 22.1 33.1
279 4.6 3.7 5.5

