

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013717.D
 Acq On : 02 Feb 2023 19:29
 Operator : CG/JU
 Sample : 01314-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44M0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 02 23:46:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	339344	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	1362957	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.769	164	1022749	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.528	188	2474878	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2515688	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	2478478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	33638	4.203	ng/uL	0.00
4) Pyridine-d5	3.917	84	267674m	11.656	ng/u1	0.00
7) Phenol-d5	7.281	99	156564	5.250	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	546565	31.246	ng/u1	0.00
11) 2-Chlorophenol-d4	7.663	132	457678	20.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.840	113	301622	12.686	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	297134	34.174	ng/u1	0.00
24) 2-Nitrophenol-d4	10.040	143	324868	32.061	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	682970	28.823	ng/u1	0.01
31) 4-Chloroaniline-d4	11.110	131	279031	8.916	ng/u1	0.01
46) Dimethylphthalate-d6	14.175	166	2593717	32.172	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	2574252	28.901	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	51575	3.795	ng/u1	0.00
60) Fluorene-d10	15.763	176	2334940	33.601	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	259288	18.695	ng/u1	0.00
73) Anthracene-d10	17.628	188	3583656	31.065	ng/u1	0.00
81) Pyrene-d10	19.845	212	4874088	34.738	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	3902759	30.846	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.311	94	216637	7.098	ng/u1	99
25) 2-Nitrophenol	10.069	139	34256	3.055	ng/u1	95
30) Naphthalene	11.028	128	1676454	23.273	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	105275	2.053	ng/u1	100
37) 1-Methylnaphthalene	12.828	142	61821	1.194	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.969	216	71549	2.118	ng/u1	98
42) 2,4,5-Trichlorophenol	13.281	196	44856	1.839	ng/u1	99
43) 1,1'-Biphenyl	13.604	154	811625	10.481	ng/u1	98
55) 4-Nitrophenol	14.975	109	14450	1.395	ng/u1	96
67) N-Nitrosodiphenylamine	16.022	169	2303547	34.484	ng/u1	99

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

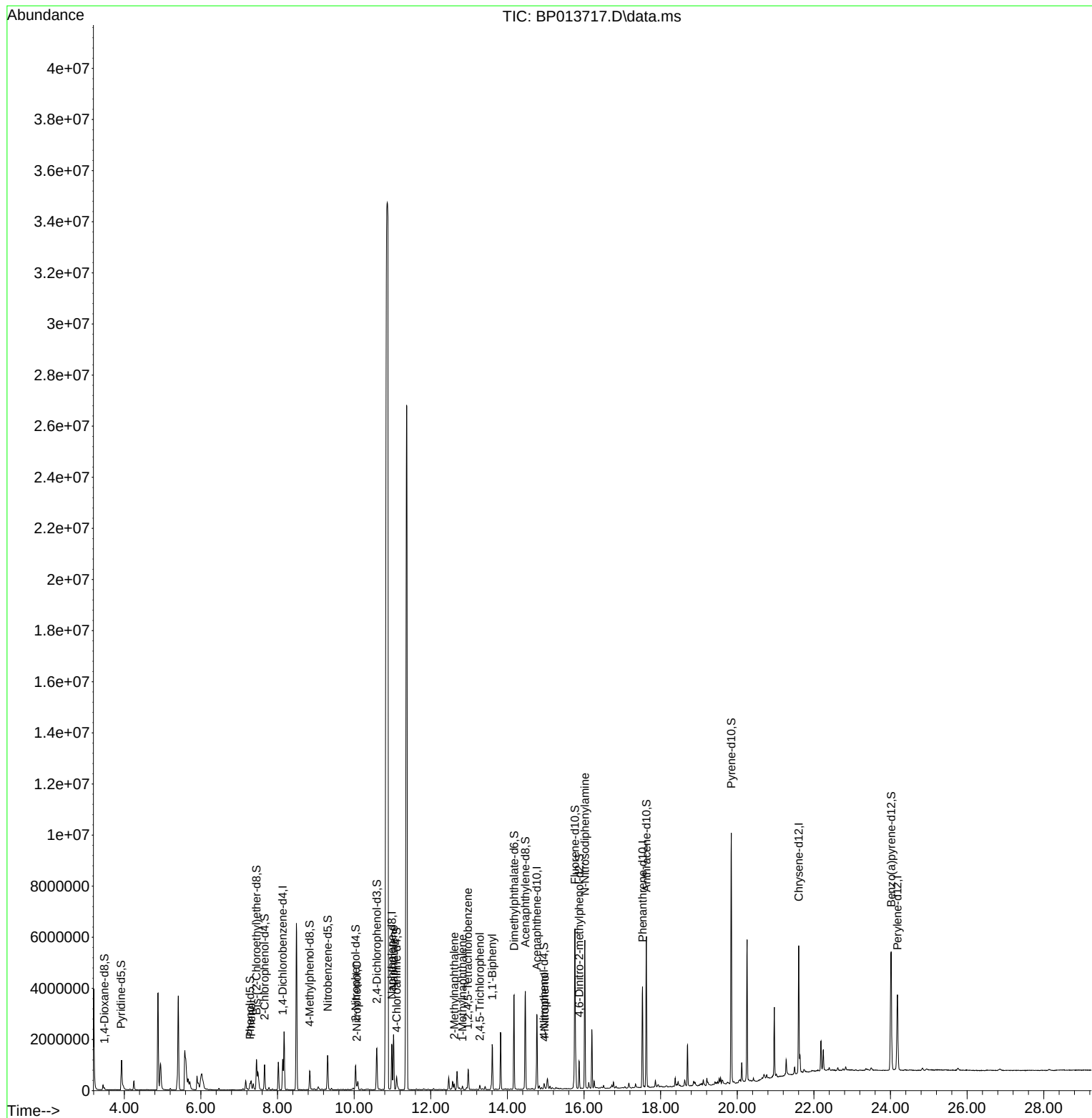
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
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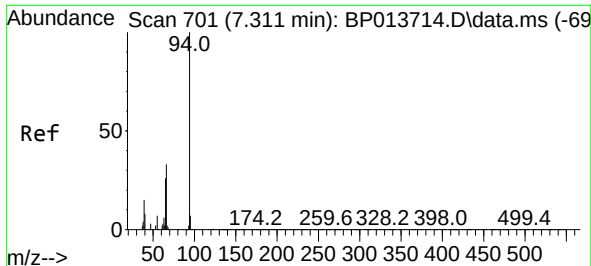
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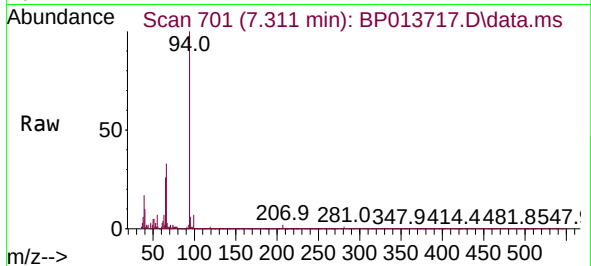
Reviewed By : Christian Giraldo 02/03/2023
Supervised By : Jagrut Upadhyay 02/03/2023





#8
Phenol
Concen: 7.098 ng/ul
RT: 7.311 min Scan# 701
Delta R.T. -0.000 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

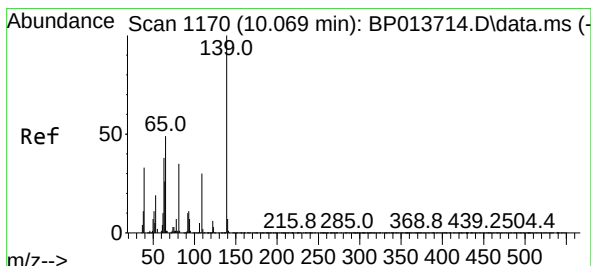
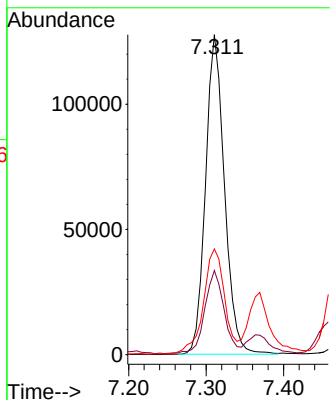
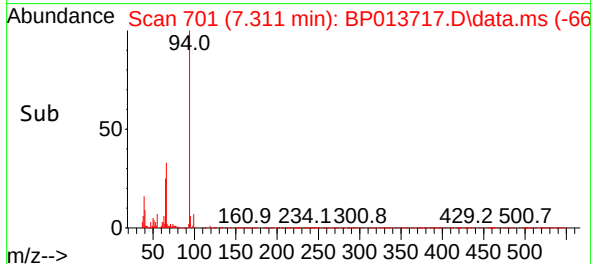
Instrument :
BNA_P
ClientSampleId :
A44M0



Tgt Ion: 94 Resp: 21663
Ion Ratio Lower Upper
94 100
65 26.3 21.0 31.4
66 33.0 27.4 41.2

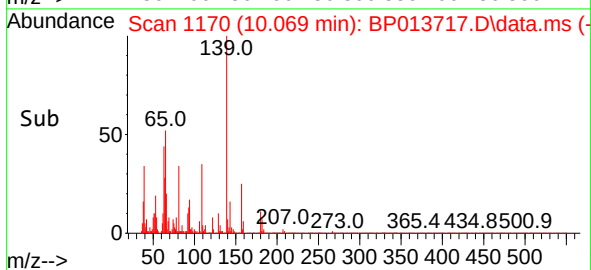
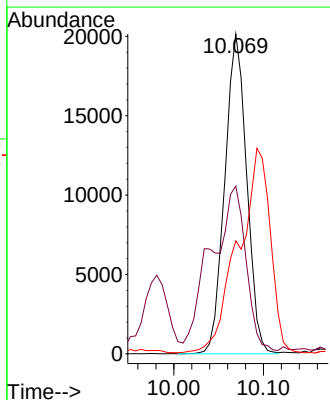
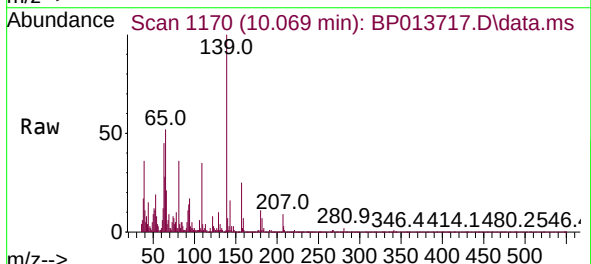
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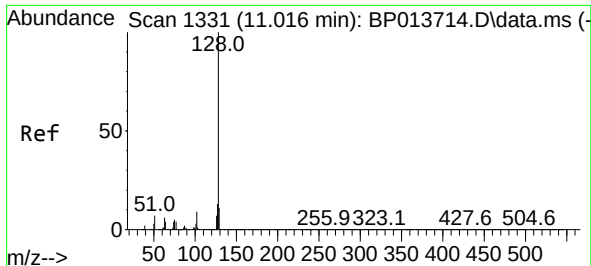
Reviewed By :Christian Giraldo 02/03/2023
Supervised By :Jagrut Upadhyay 02/03/2023



#25
2-Nitrophenol
Concen: 3.055 ng/ul
RT: 10.069 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

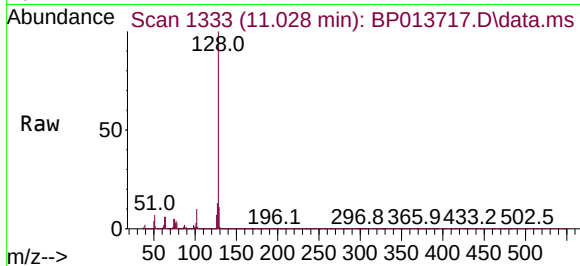
Tgt Ion:139 Resp: 34256
Ion Ratio Lower Upper
139 100
65 52.4 40.9 61.3
109 35.3 24.3 36.5





#30
Naphthalene
Concen: 23.273 ng/ul
RT: 11.028 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

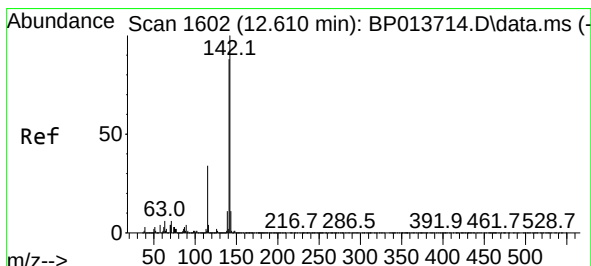
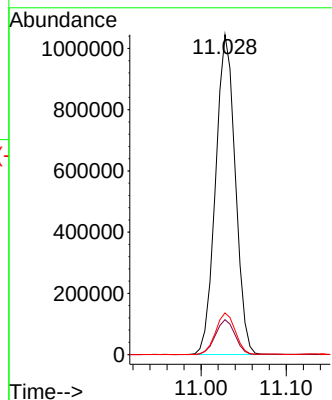
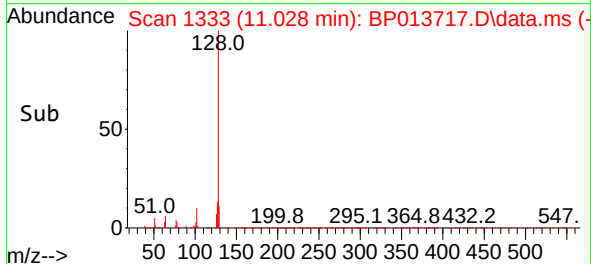
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 1676454
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.0 10.2 15.4

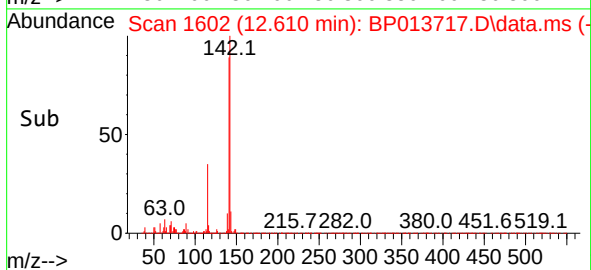
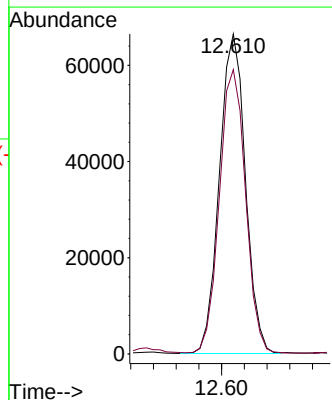
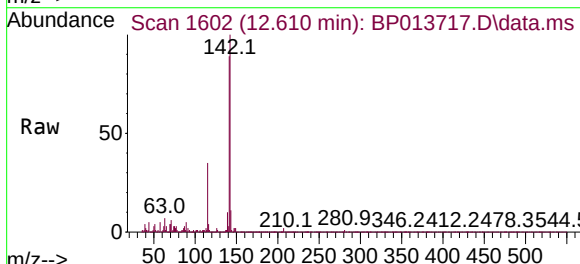
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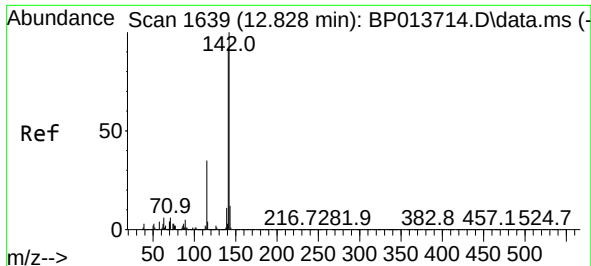
Reviewed By :Christian Giraldo 02/03/2023
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#36
2-Methylnaphthalene
Concen: 2.053 ng/ul
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

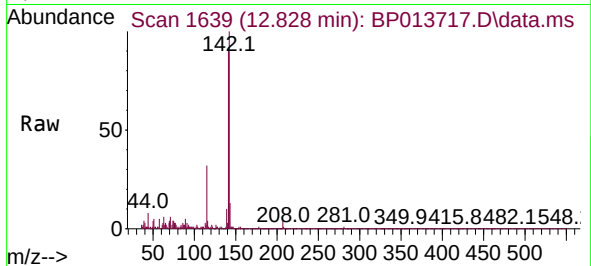
Tgt Ion:142 Resp: 105275
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.2





#37
1-Methylnaphthalene
Concen: 1.194 ng/ul
RT: 12.828 min Scan# 1639
Delta R.T. -0.006 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

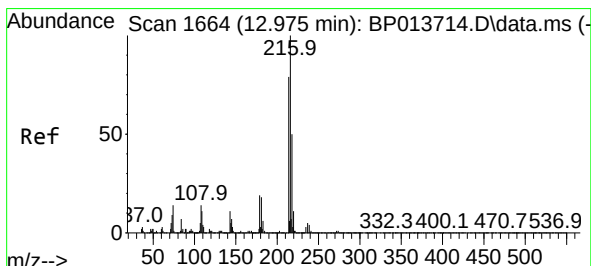
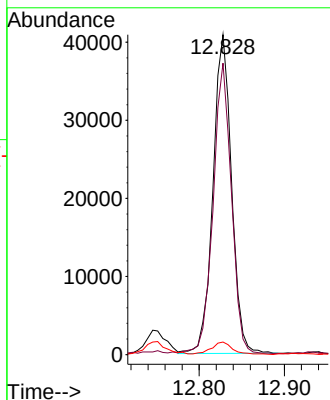
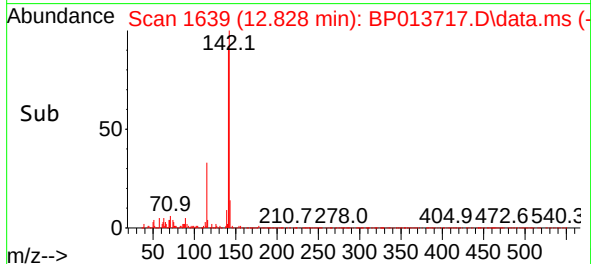
Instrument :
BNA_P
ClientSampleId :
A44M0



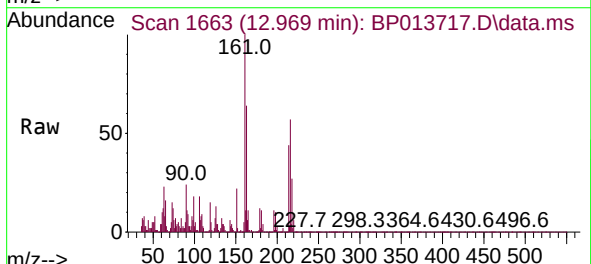
Tgt Ion:142 Resp: 61821
Ion Ratio Lower Upper
142 100
141 91.1 74.4 111.6
116 4.0 2.8 4.2

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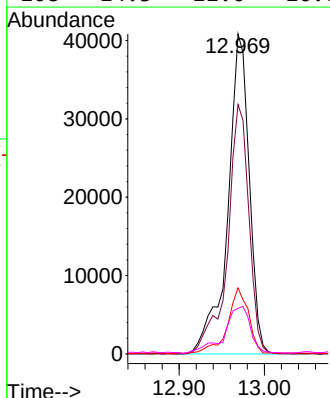
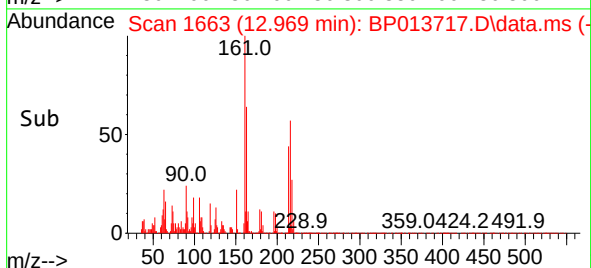
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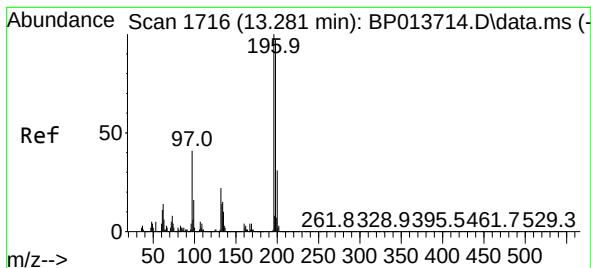


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.118 ng/ul
RT: 12.969 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29



Tgt Ion:216 Resp: 71549
Ion Ratio Lower Upper
216 100
214 77.9 61.5 92.3
179 20.6 15.0 22.4
108 14.3 11.0 16.6





#42

2,4,5-Trichlorophenol

Concen: 1.839 ng/ul

RT: 13.281 min Scan# 1716

Delta R.T. -0.000 min

Lab File: BP013717.D

Acq: 02 Feb 2023 19:29

Instrument :

BNA_P

ClientSampleId :

A44M0

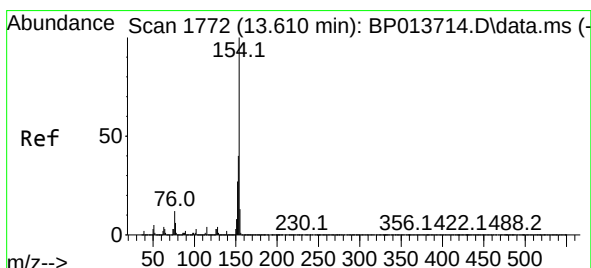
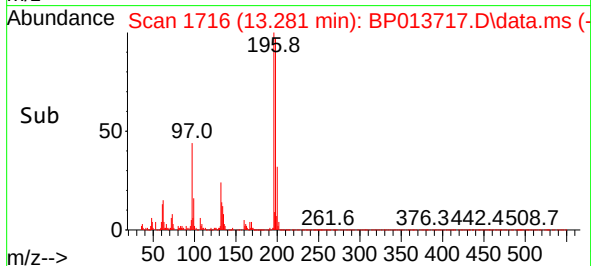
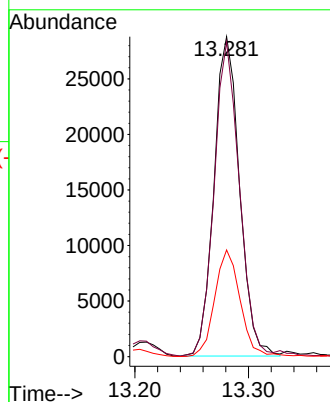
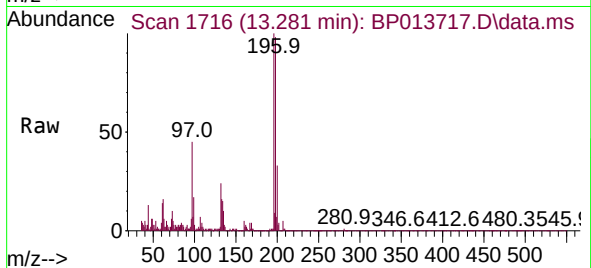
Tgt Ion:	196	Resp:	44856
Ion Ratio	Lower	Upper	
196	100		
198	98.3	77.8	116.8
200	33.3	26.2	39.2

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#43

1,1'-Biphenyl

Concen: 10.481 ng/ul

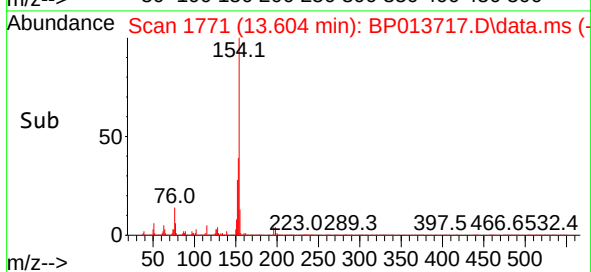
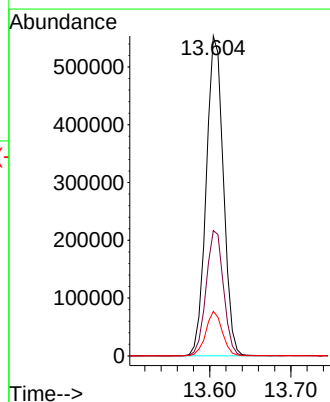
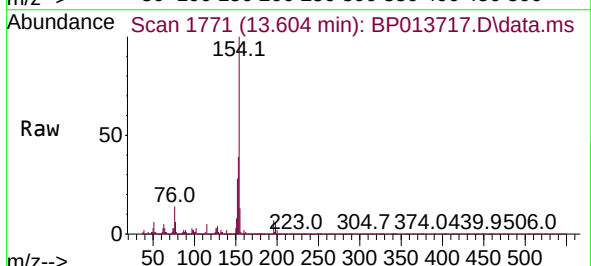
RT: 13.604 min Scan# 1771

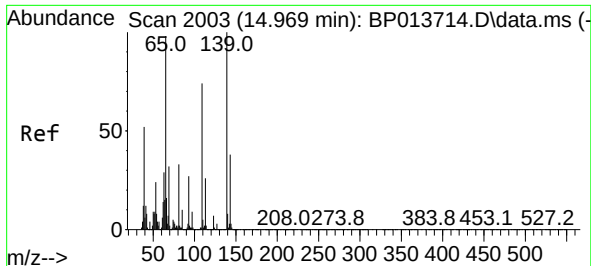
Delta R.T. -0.006 min

Lab File: BP013717.D

Acq: 02 Feb 2023 19:29

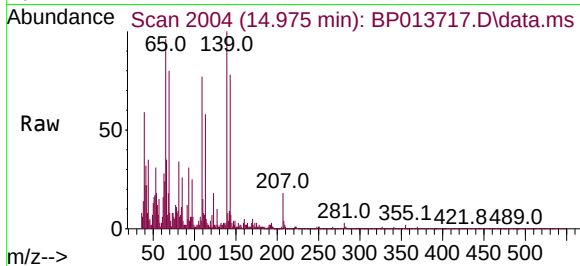
Tgt Ion:	154	Resp:	811625
Ion Ratio	Lower	Upper	
154	100		
153	39.2	32.2	48.2
76	13.9	10.0	15.0





#55
4-Nitrophenol
Concen: 1.395 ng/ul
RT: 14.975 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

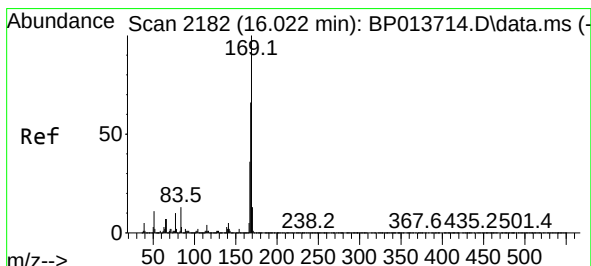
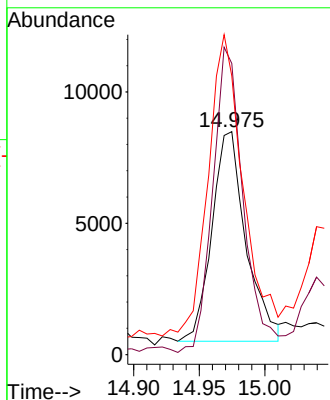
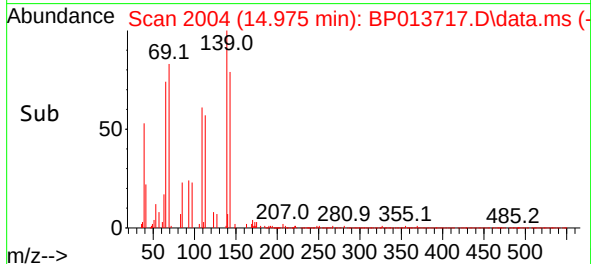
Instrument :
BNA_P
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Tgt Ion:109 Resp: 14450
Ion Ratio Lower Upper
109 100
139 130.6 109.1 163.7
65 124.9 103.5 155.3

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#67
N-Nitrosodiphenylamine
Concen: 34.484 ng/ul
RT: 16.022 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP013717.D
Acq: 02 Feb 2023 19:29

Tgt Ion:169 Resp: 2303547
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.4
167 36.1 28.9 43.3

