

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010039.D
 Acq On : 22 Apr 2022 05:40
 Operator : CG/JU
 Sample : N2490-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0J22

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/22/2022
 Supervised By :mohammad ahmed 04/26/2022

Quant Time: Apr 22 06:35:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	142157m	20.000	ng/u1	0.06
20) Naphthalene-d8	10.757	136	688000	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.569	164	487348	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1097872	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1133329	20.000	ng/u1	# 0.00
88) Perylene-d12	23.857	264	1013471	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15921m	4.884	ng/uL	0.00
4) Pyridine-d5	3.799	84	135764	14.804	ng/u1	0.01
7) Phenol-d5	7.111	99	127534m	9.863	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	436034	56.198	ng/u1	0.02
11) 2-Chlorophenol-d4	7.487	132	301658	31.501	ng/u1	0.02
15) 4-Methylphenol-d8	8.652	113	221480m	20.673	ng/u1	0.00
21) Nitrobenzene-d5	9.110	128	185986	33.989	ng/u1	0.01
24) 2-Nitrophenol-d4	9.834	143	207150	34.663	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.369	165	345644	29.710	ng/u1	0.00
31) 4-Chloroaniline-d4	10.904	131	465290	27.893	ng/u1	0.02
46) Dimethylphthalate-d6	13.981	166	1315224	34.693	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	1474403	32.135	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	59121m	8.471	ng/u1	0.00
60) Fluorene-d10	15.563	176	1127360	34.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	186926	26.927	ng/u1	0.00
73) Anthracene-d10	17.422	188	1883701	35.465	ng/u1	0.00
81) Pyrene-d10	19.651	212	2364408	36.684	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1939164	36.497	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.411	88	3768m	1.112	ng/uL	
8) Phenol	7.134	94	282672m	21.757	ng/u1	
12) 2-Chlorophenol	7.516	128	405644	41.995	ng/u1	96
22) Nitrobenzene	9.152	77	28034	2.091	ng/u1#	80
29) 2,4-Dichlorophenol	10.434	162	278227m	24.878	ng/u1	
32) 4-Chloroaniline	10.922	127	530650	32.281	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.775	216	41137	2.732	ng/u1	95
75) 1,2,3,4-Tetrachloroben...	13.375	216	62987	3.930	ng/uL	91

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

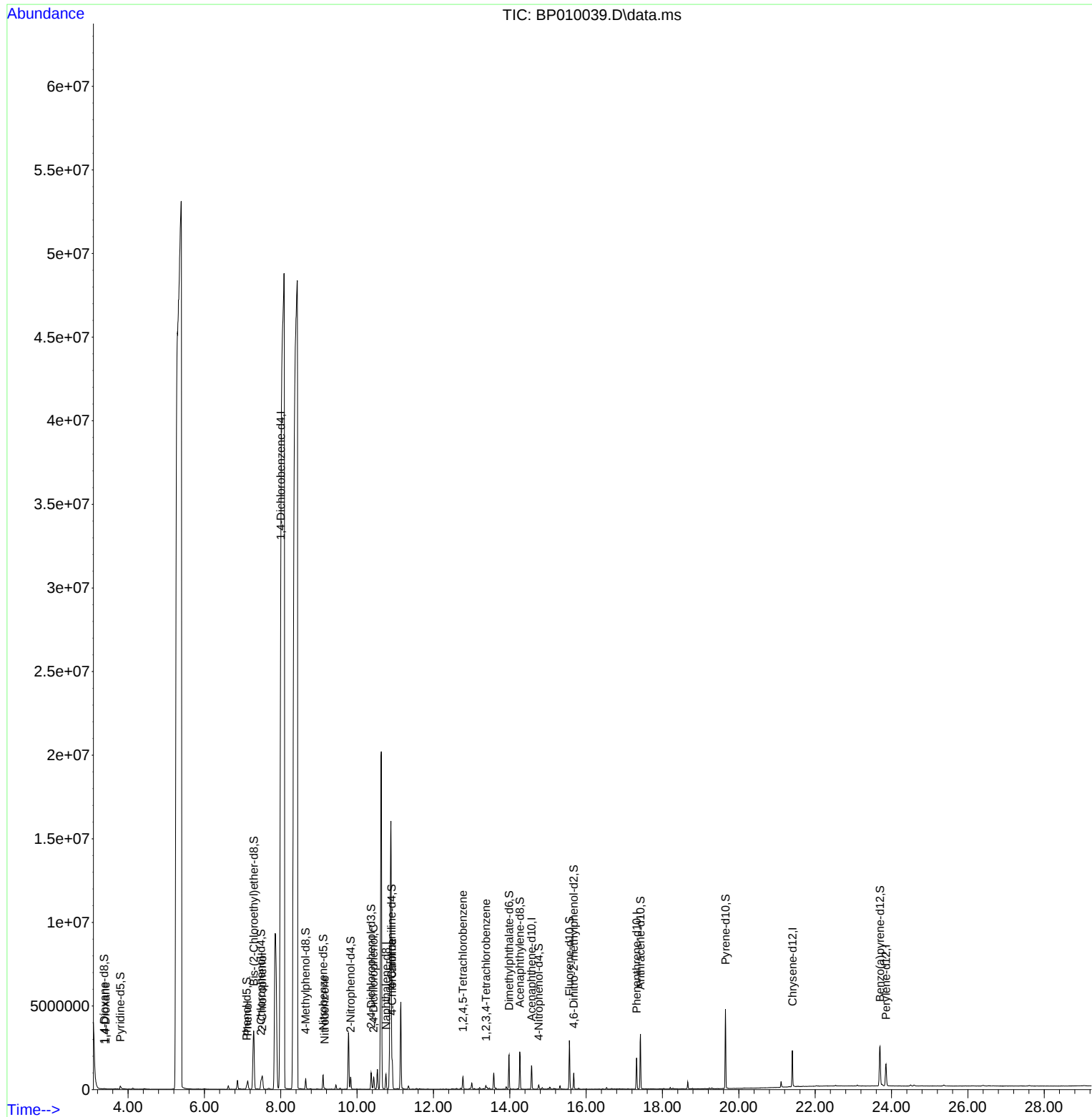
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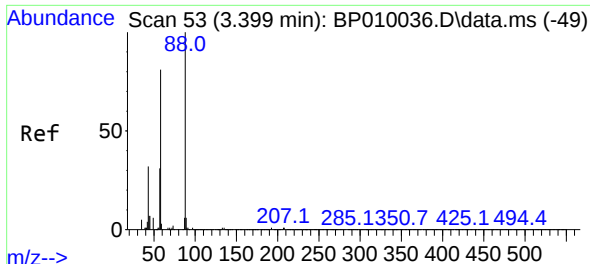
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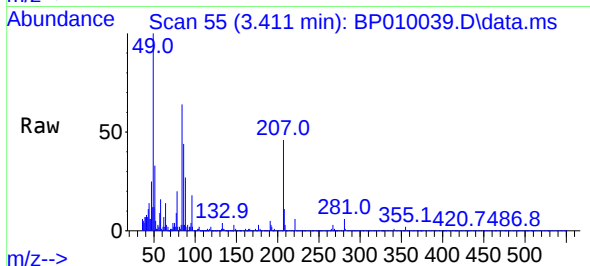
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#2
1,4-Dioxane
Concen: 1.112 ng/uL m
RT: 3.411 min Scan# 51
Delta R.T. 0.006 min
Lab File: BP010039.D
Acq: 22 Apr 2022 05:40

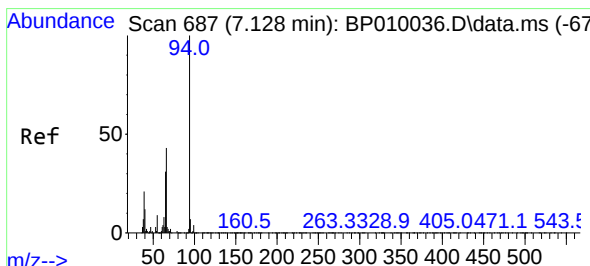
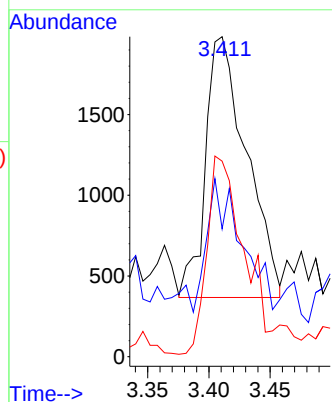
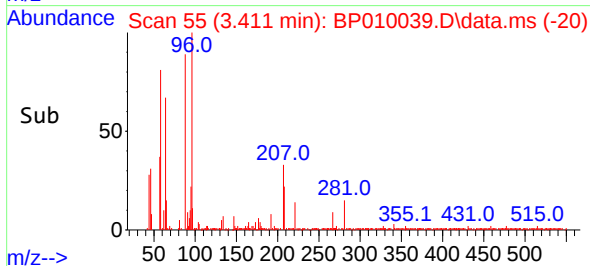
Instrument :
BNA_P
Client Sample Id :
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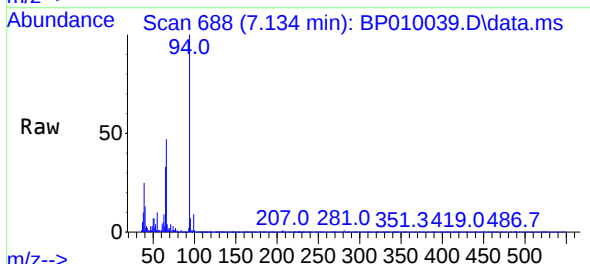
Tgt Ion: 88 Resp: 3768
Ion Ratio Lower Upper
88 100
43 40.0 6.8 10.2
58 61.1 28.4 42.6

Manual Integrations
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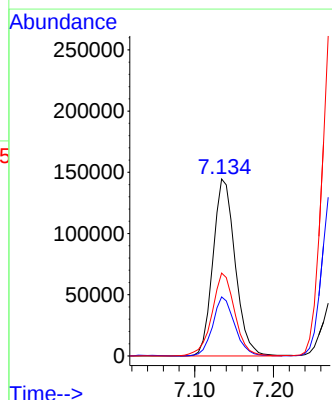
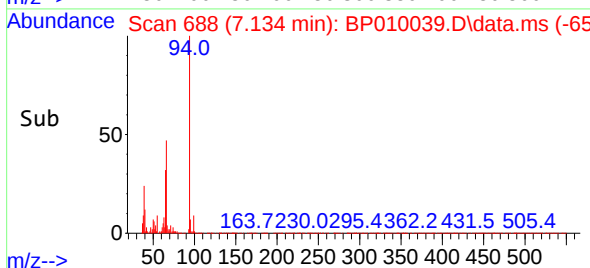
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Supervised By :mohammad ahmed 04/26/2022

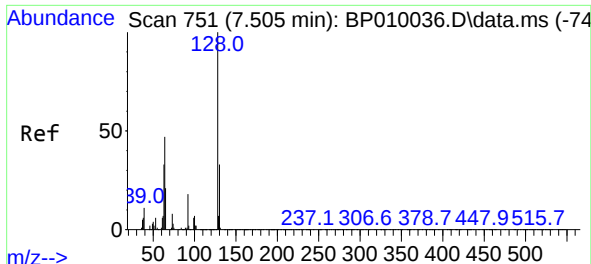


#8
Phenol
Concen: 21.757 ng/uL m
RT: 7.134 min Scan# 688
Delta R.T. 0.006 min
Lab File: BP010039.D
Acq: 22 Apr 2022 05:40



Tgt Ion: 94 Resp: 282672
Ion Ratio Lower Upper
94 100
65 33.4 19.0 28.6
66 46.9 34.6 51.8





#12

2-Chlorophenol

Concen: 41.995 ng/ul

RT: 7.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BP010039.D

Acq: 22 Apr 2022 05:40

Instrument :

BNA_P

ClientSampleId :

C0J22

Tgt Ion:128 Resp: 40564

Ion Ratio Lower Upper

128 100

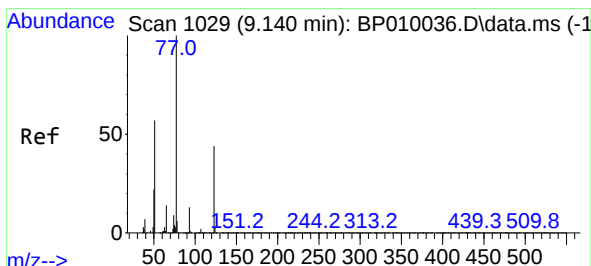
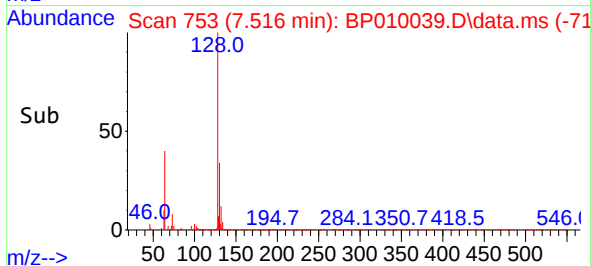
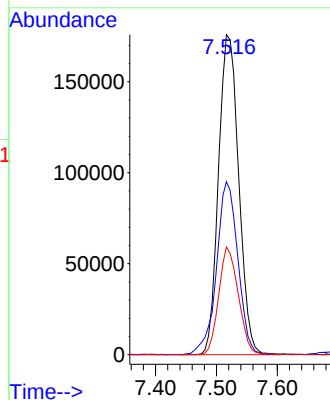
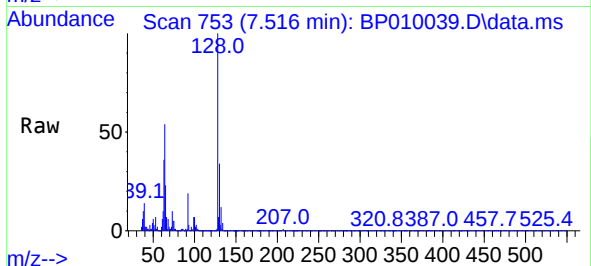
64 54.1 45.3 67.9

130 33.6 29.0 43.6

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#22

Nitrobenzene

Concen: 2.091 ng/ul

RT: 9.152 min Scan# 1031

Delta R.T. 0.012 min

Lab File: BP010039.D

Acq: 22 Apr 2022 05:40

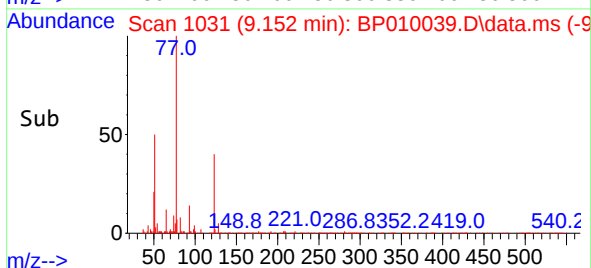
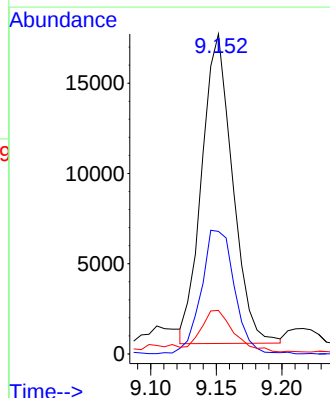
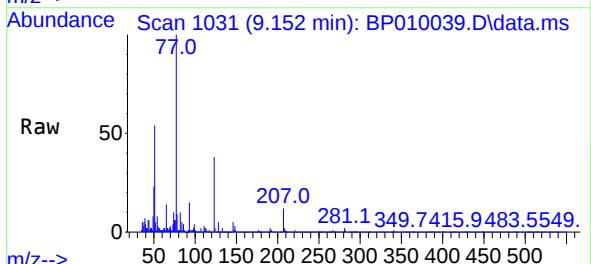
Tgt Ion: 77 Resp: 28034

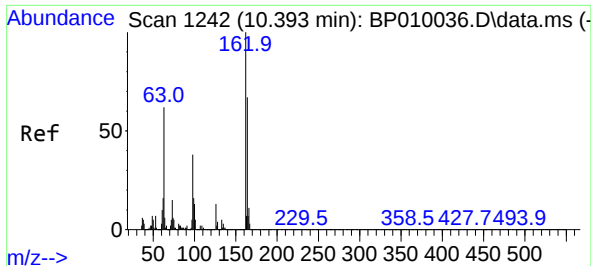
Ion Ratio Lower Upper

77 100

123 38.3 42.3 63.5#

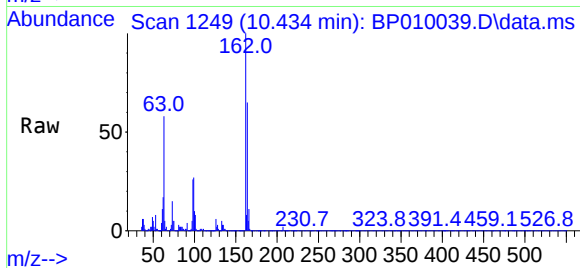
65 13.6 5.8 8.8#





#29
2,4-Dichlorophenol
Concen: 24.878 ng/ul m
RT: 10.434 min Scan# 1
Delta R.T. 0.041 min
Lab File: BP010039.D
Acq: 22 Apr 2022 05:40

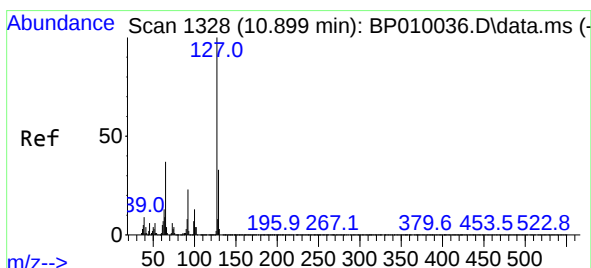
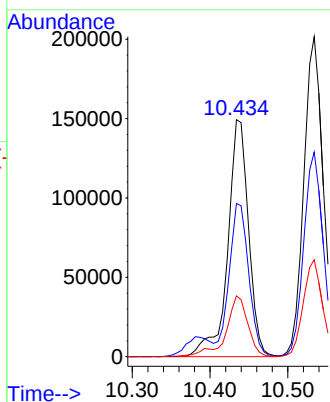
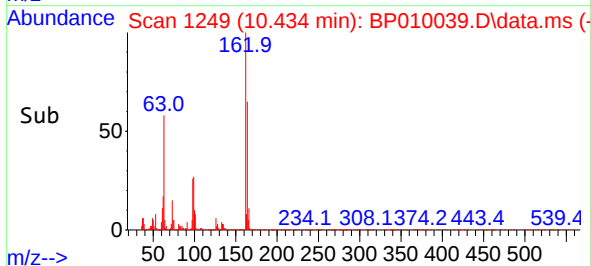
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Tgt Ion:162 Resp: 27822
Ion Ratio Lower Upper
162 100
164 64.7 37.0 55.6
98 25.7 31.0 46.6

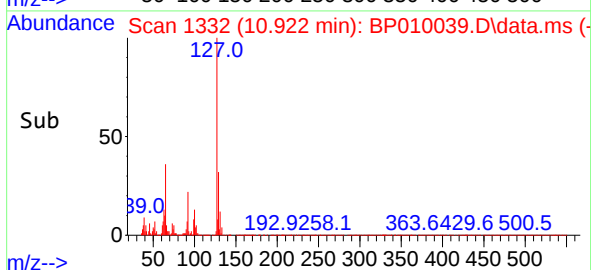
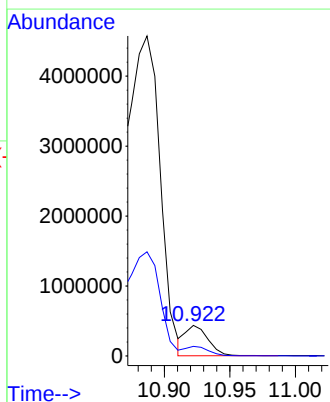
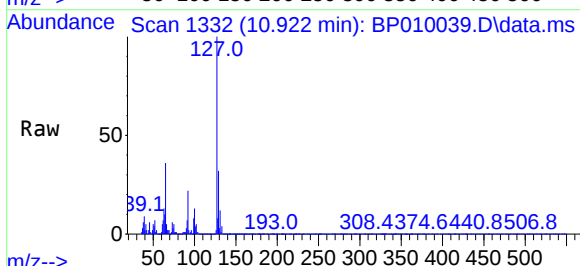
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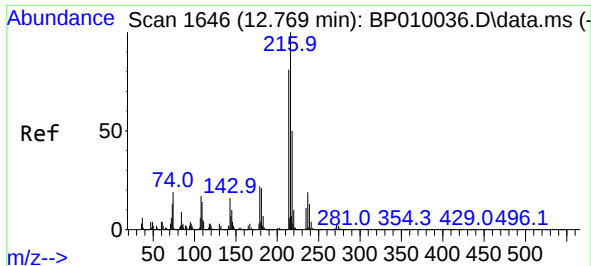
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#32
4-Chloroaniline
Concen: 32.281 ng/ul
RT: 10.922 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BP010039.D
Acq: 22 Apr 2022 05:40

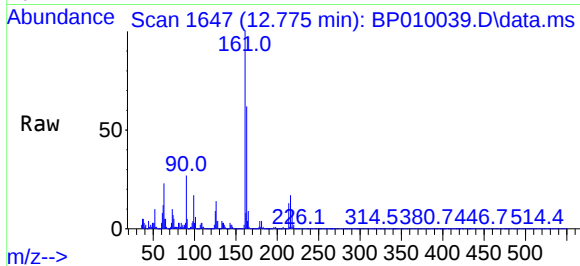
Tgt Ion:127 Resp: 530650
Ion Ratio Lower Upper
127 100
129 31.5 24.6 37.0





#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.732 ng/ul
RT: 12.775 min Scan# 1646
Delta R.T. 0.000 min
Lab File: BP010039.D
Acq: 22 Apr 2022 05:40

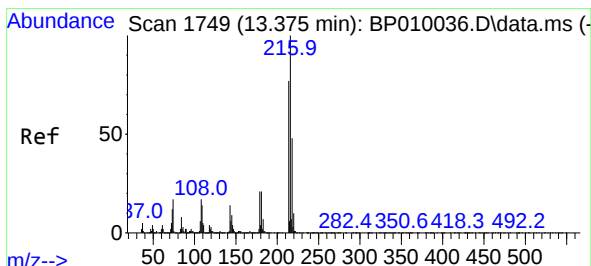
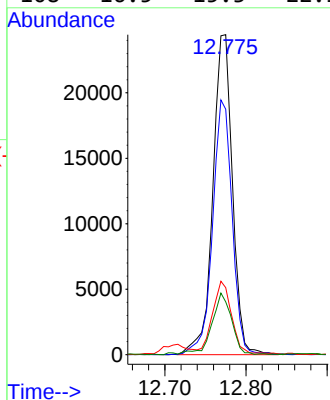
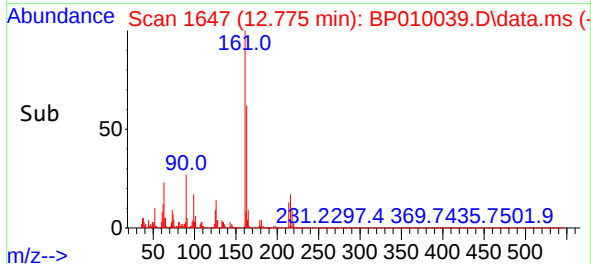
Instrument :
BNA_P
ClientSampleId :
C0J22



Tgt Ion:216 Resp: 4113
Ion Ratio Lower Upper
216 100
214 76.7 58.2 87.2
179 20.9 14.2 21.2
108 16.5 15.3 22.9

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#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.930 ng/uL
RT: 13.375 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BP010039.D
Acq: 22 Apr 2022 05:40

Tgt Ion:216 Resp: 62987
Ion Ratio Lower Upper
216 100
214 74.1 50.4 75.6
218 42.8 35.2 52.8

