

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071221\
 Data File : BG049313.D
 Acq On : 13 Jul 2021 10:10
 Operator : CG/JU
 Sample : M2958-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBK27

Manual Integrations
 APPROVED

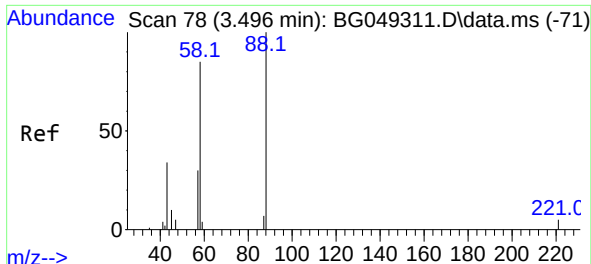
mohammad
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Quant Time: Jul 13 10:53:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	31010	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.896	136	125190	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.721	164	91199	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.476	188	189612	20.000	ng/ul	0.00
79) Chrysene-d12	21.748	240	202068	20.000	ng/ul	0.00
88) Perylene-d12	25.044	264	209995	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	3446m	5.227	ng/uL	-0.01
4) Pyridine-d5	3.886	84	23763	12.259	ng/ul	0.00
7) Phenol-d5	7.194	99	4795	1.778	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	7.388	67	49641	31.730	ng/ul	0.00
11) 2-Chlorophenol-d4	7.641	132	54527	27.351	ng/ul	0.03
15) 4-Methylphenol-d8	8.822	113	40214m	18.607	ng/ul	0.04
21) Nitrobenzene-d5	9.239	128	36594	38.093	ng/ul	0.00
24) 2-Nitrophenol-d4	9.973	143	38510	34.921	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.543	165	70319	32.679	ng/ul	0.03
31) 4-Chloroaniline-d4	11.043	131	8086	2.884	ng/ul	0.02
46) Dimethylphthalate-d6	14.133	166	244871	34.913	ng/ul	0.02
49) Acenaphthylene-d8	14.415	160	292582	35.553	ng/ul	0.00
54) 4-Nitrophenol-d4	14.997	143	34026m	29.310	ng/ul	0.08
60) Fluorene-d10	15.714	176	208657	35.138	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.837	200	40672	33.747	ng/ul	0.01
73) Anthracene-d10	17.576	188	328083	38.004	ng/ul	0.00
81) Pyrene-d10	19.856	212	370850	35.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.821	264	414843	38.003	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	2081	2.592	ng/uL#	72
8) Phenol	7.335	94	181522	67.289	ng/ul	91
23) Isophorone	9.821	82	255260	54.544	ng/ul#	96
30) Naphthalene	10.949	128	143983	23.068	ng/ul	98
36) 2-Methylnaphthalene	12.553	142	54941	11.585	ng/ul	89
37) 1-Methylnaphthalene	12.770	142	56755	12.034	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.170	196	3583	1.934	ng/ul	98
42) 2,4,5-Trichlorophenol	13.299	196	25154m	12.763	ng/ul	
43) 1,1'-Biphenyl	13.546	154	11329	1.839	ng/ul#	80
52) Acenaphthene	14.774	153	8968m	1.687	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.385	232	133756m	72.376	ng/ul	
61) Fluorene	15.767	166	7089	1.112	ng/ul#	79
71) Pentachlorophenol	17.159	266	1472306	1029.958	ng/ul	94

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



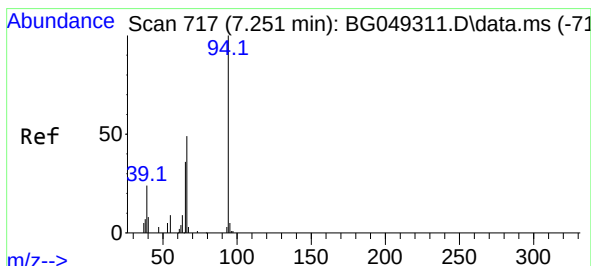
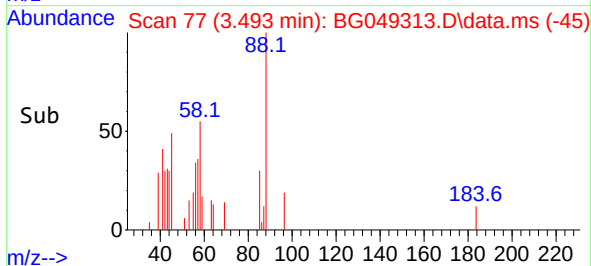
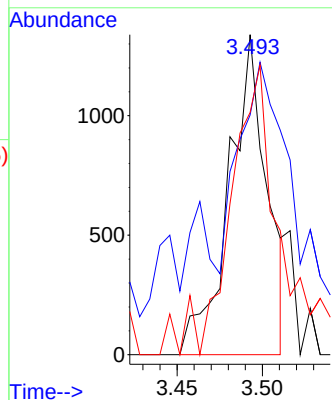
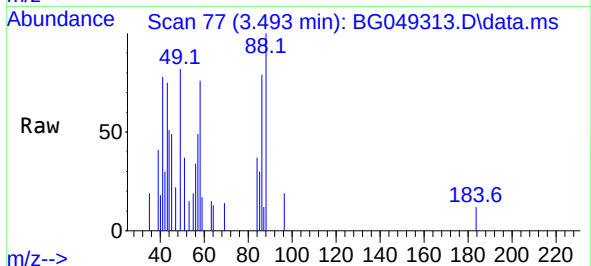
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1,4-Dioxane
Concen: 2.592 ng/uL
RT: 3.493 min Scan# 77
Delta R.T. -0.012 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

Tgt Ion: 88 Resp: 2081
Ion Ratio Lower Upper
88 100
43 74.9 32.5 48.7#
58 75.7 72.7 109.1

Instrument :
BNA_G
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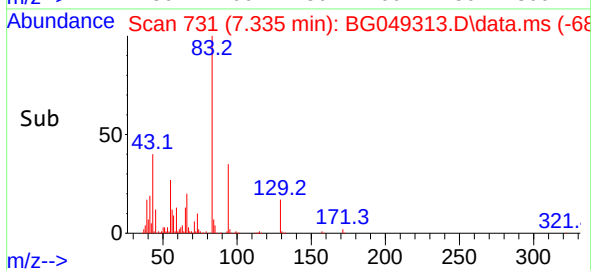
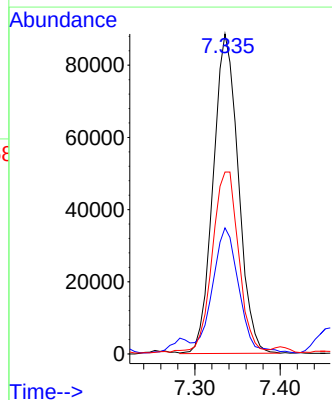
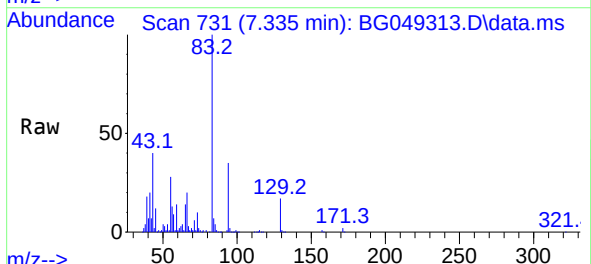
Manual Integrations
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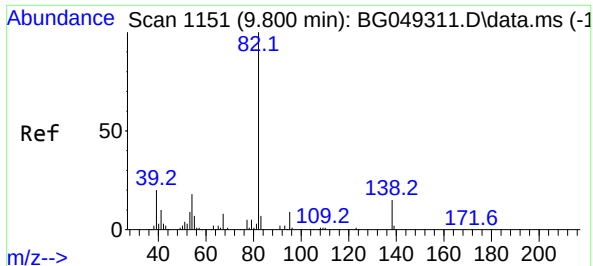
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#8
Phenol
Concen: 67.289 ng/uL
RT: 7.335 min Scan# 731
Delta R.T. 0.082 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

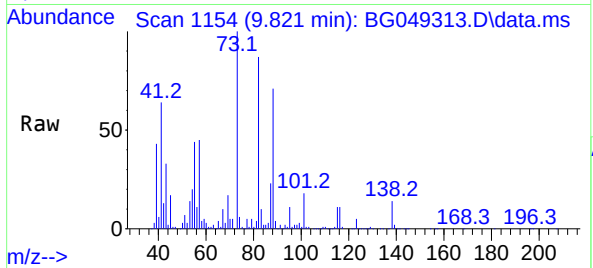
Tgt Ion: 94 Resp: 181522
Ion Ratio Lower Upper
94 100
65 39.4 27.2 40.8
66 56.8 40.6 60.8





#23
Isophorone
Concen: 54.544 ng/u1
RT: 9.821 min Scan# 1154
Delta R.T. 0.011 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

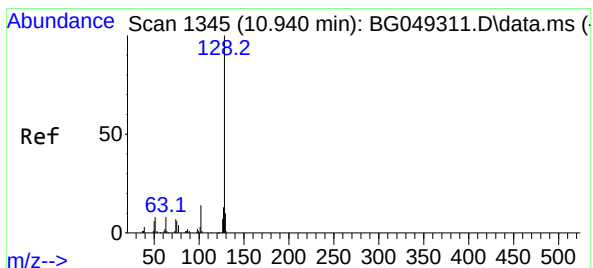
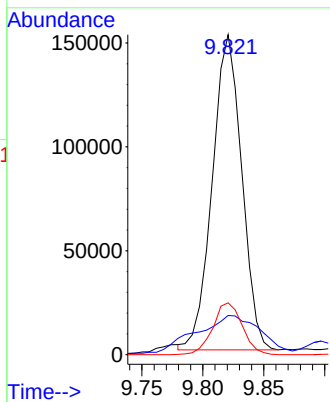
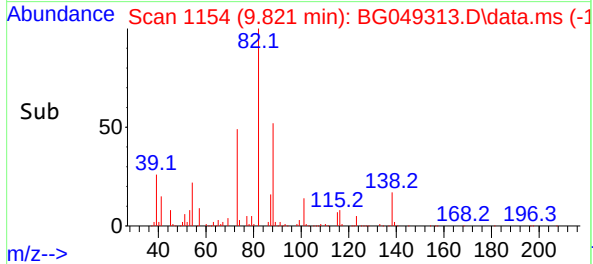
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BNA_G
ClientSampleId :
DBK27



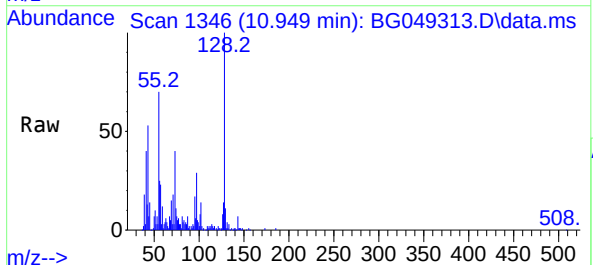
Tgt Ion: 82 Resp: 255260
Ion Ratio Lower Upper
82 100
95 12.2 6.7 10.1#
138 16.2 12.7 19.1

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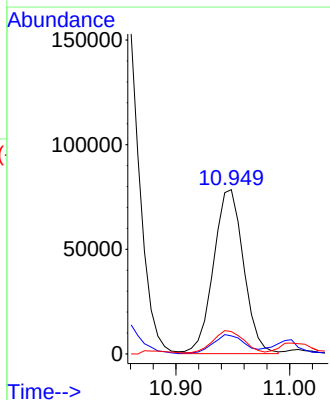
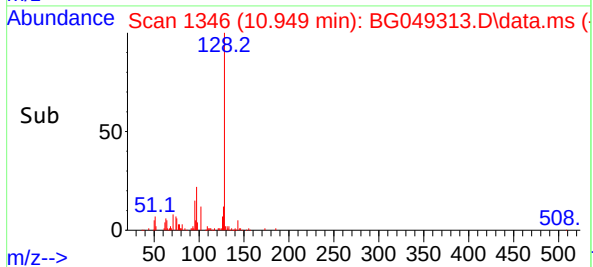
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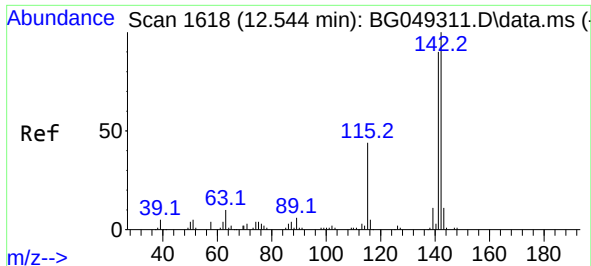


#30
Naphthalene
Concen: 23.068 ng/u1
RT: 10.949 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10



Tgt Ion:128 Resp: 143983
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.7 11.8 17.6





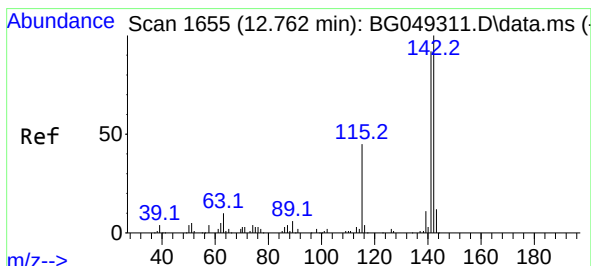
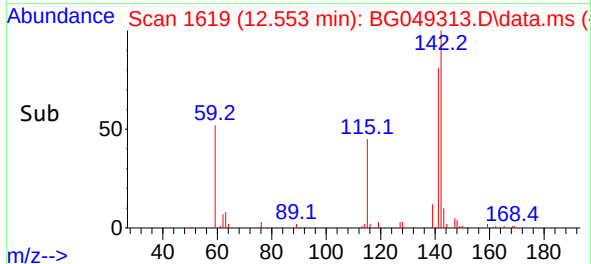
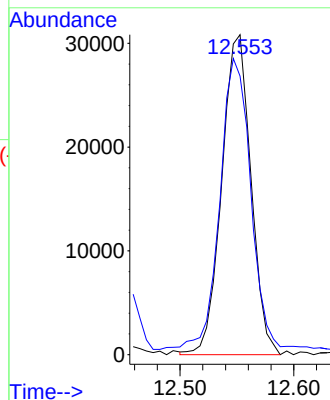
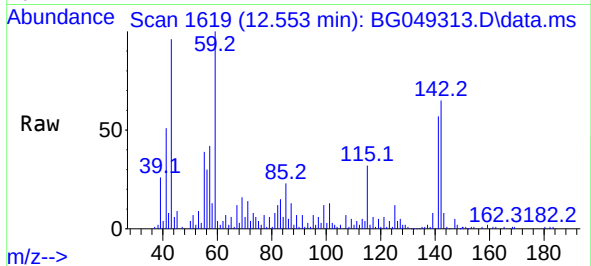
#36
2-Methylnaphthalene
Concen: 11.585 ng/ul
RT: 12.553 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

Tgt Ion:142 Resp: 54941
Ion Ratio Lower Upper
142 100
141 87.1 78.0 117.0

Instrument :
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ClientSampleId :
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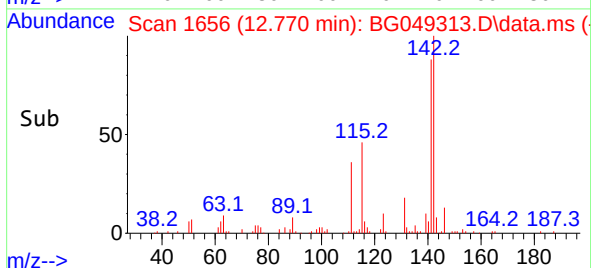
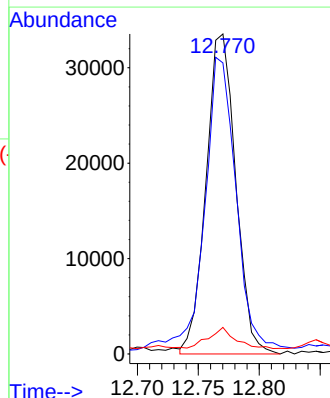
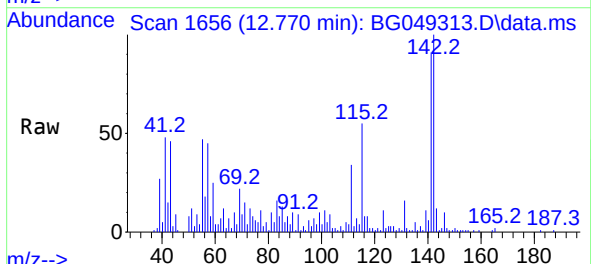
Manual Integrations
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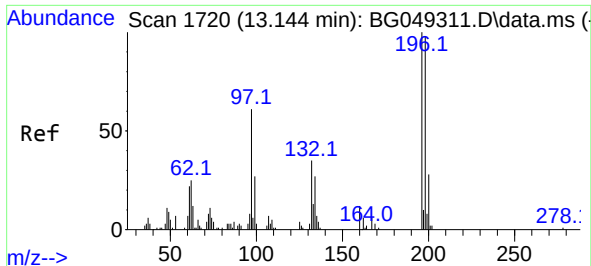
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#37
1-Methylnaphthalene
Concen: 12.034 ng/ul
RT: 12.770 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

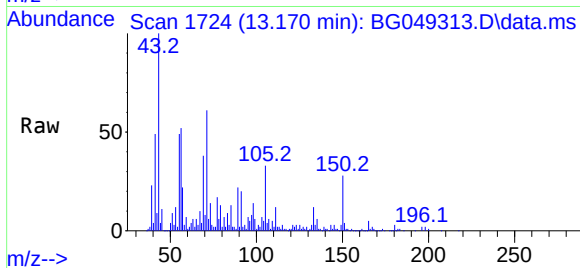
Tgt Ion:142 Resp: 56755
Ion Ratio Lower Upper
142 100
141 90.9 78.0 117.0
116 8.3 3.2 4.8#





#41
2,4,6-Trichlorophenol
Concen: 1.934 ng/ul
RT: 13.170 min Scan# 1724
Delta R.T. 0.017 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

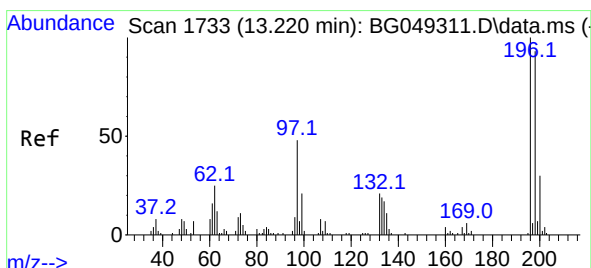
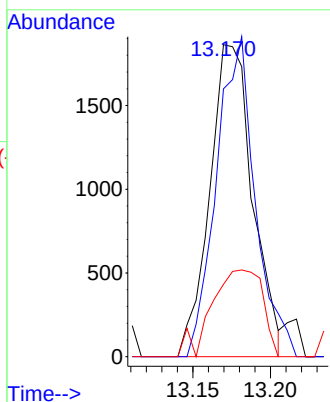
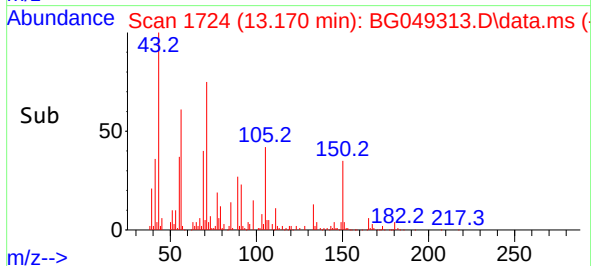
Instrument :
BNA_G
ClientSampled :
DBK27



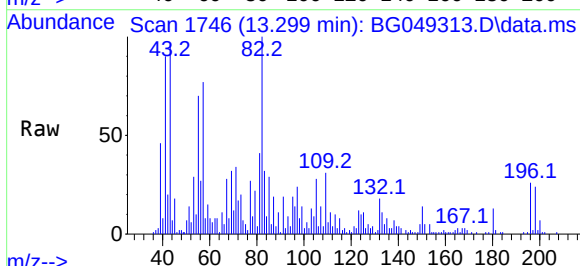
Tgt Ion:196 Resp: 3583
Ion Ratio Lower Upper
196 100
198 85.9 68.8 103.2
200 23.2 22.4 33.6

Manual Integrations
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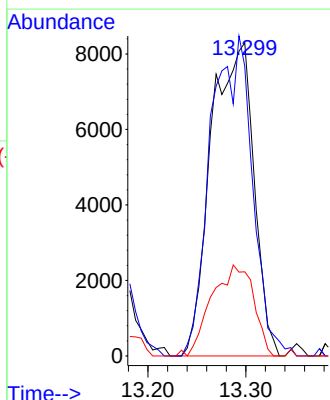
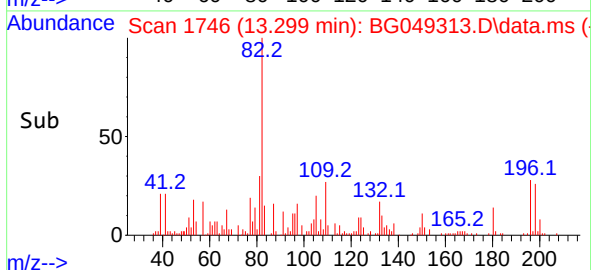
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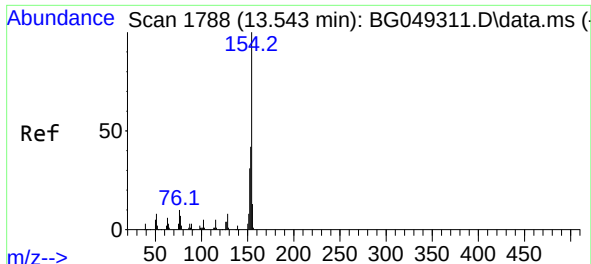


#42
2,4,5-Trichlorophenol
Concen: 12.763 ng/ul m
RT: 13.299 min Scan# 1746
Delta R.T. 0.070 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10



Tgt Ion:196 Resp: 25154
Ion Ratio Lower Upper
196 100
198 92.5 83.8 125.8
200 26.9 28.8 43.2#





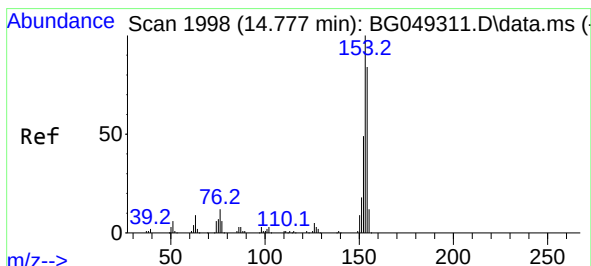
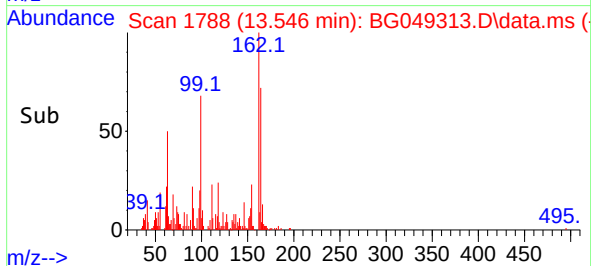
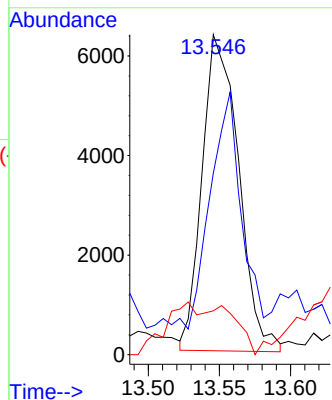
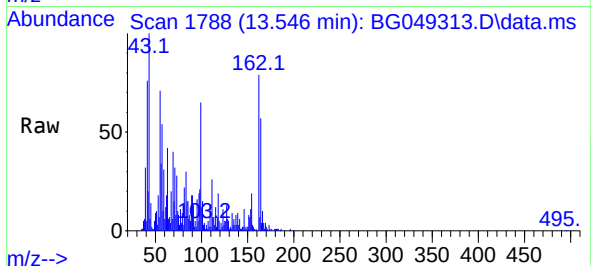
#43
1,1'-Biphenyl
Concen: 1.839 ng/ul
RT: 13.546 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	56.7	33.5	50.3#
76	13.7	8.6	12.8#

Instrument :
BNA_G
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DBK27

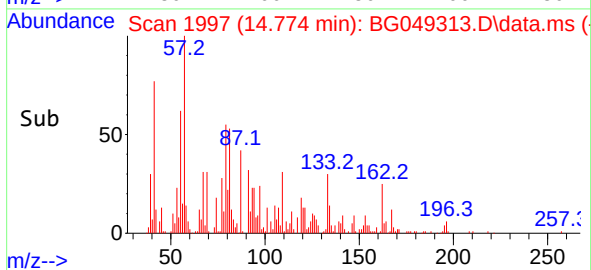
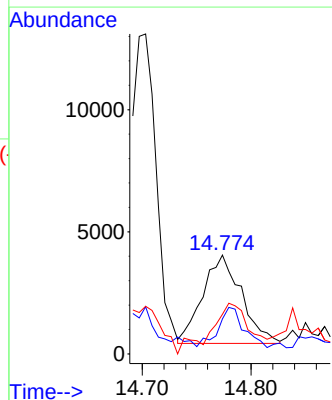
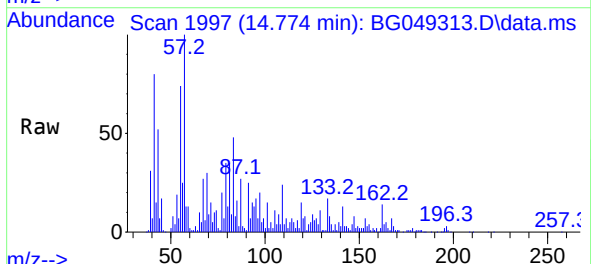
Manual Integrations
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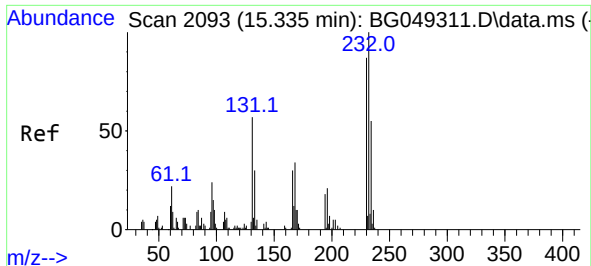
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#52
Acenaphthene
Concen: 1.687 ng/ul m
RT: 14.774 min Scan# 1997
Delta R.T. -0.012 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

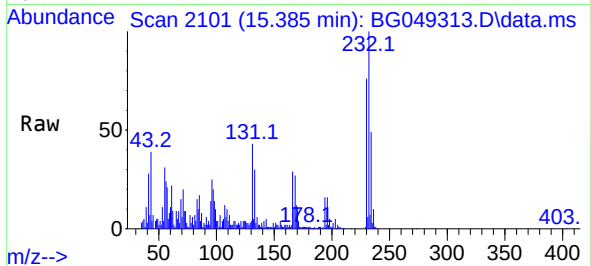
Tgt Ion	Ratio	Lower	Upper
153	100		
152	35.5	37.8	56.6#
154	40.2	68.2	102.2#





#58
2,3,4,6-Tetrachlorophenol
Concen: 72.376 ng/ul m
RT: 15.385 min Scan# 2101
Delta R.T. 0.041 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10

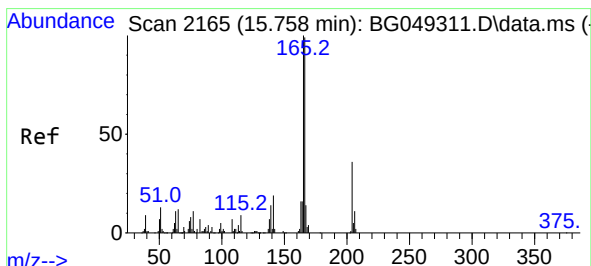
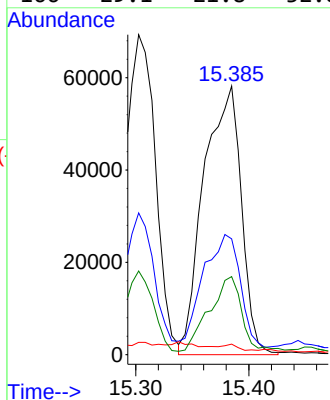
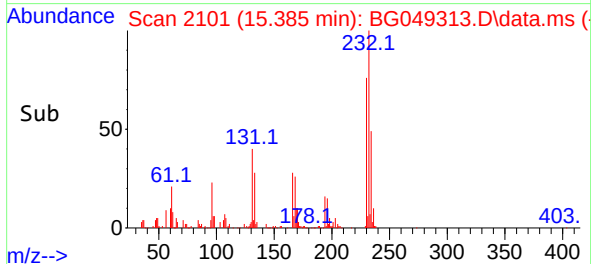
Instrument :
BNA_G
ClientSampleId :
DBK27



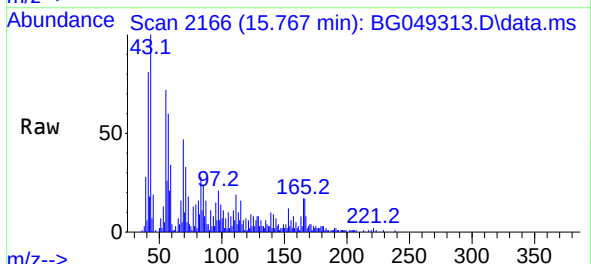
Tgt Ion:232 Resp: 133756
Ion Ratio Lower Upper
232 100
131 43.1 30.6 45.8
130 4.0 2.3 3.5#
166 29.1 21.8 32.8

Manual Integrations
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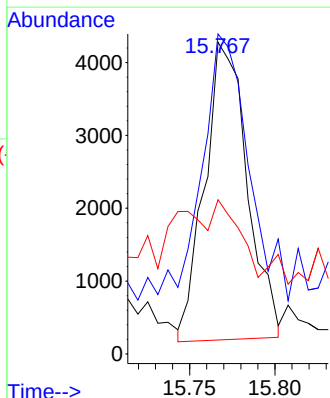
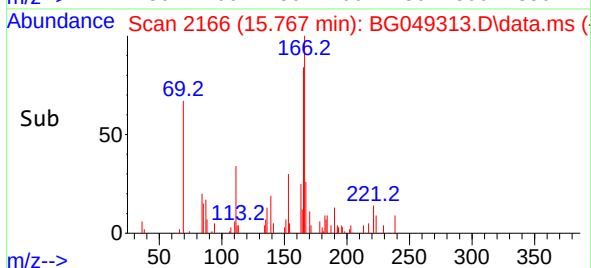
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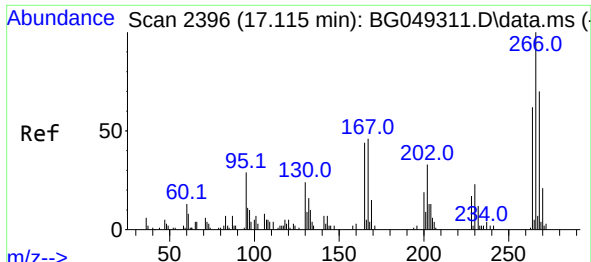


#61
Fluorene
Concen: 1.112 ng/ul
RT: 15.767 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG049313.D
Acq: 13 Jul 2021 10:10



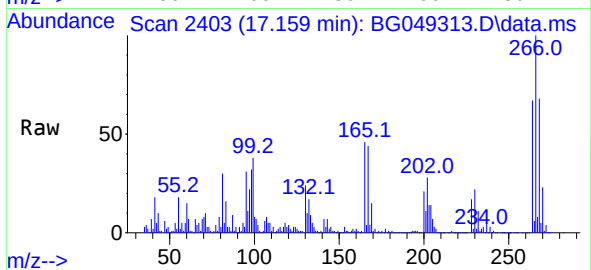
Tgt Ion:166 Resp: 7089
Ion Ratio Lower Upper
166 100
165 102.7 73.5 110.3
167 49.5 9.6 14.4#





#71
 Pentachlorophenol
 Concen: 1029.958 ng/ul
 RT: 17.159 min Scan# 2403
 Delta R.T. 0.041 min
 Lab File: BG049313.D
 Acq: 13 Jul 2021 10:10

Instrument :
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 ClientSampleId :
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Tgt Ion:266 Resp: 1472306

Ion	Ratio	Lower	Upper
266	100		
264	66.9	50.1	75.1
268	67.6	49.5	74.3

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