

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048175.D
 Acq On : 16 Feb 2021 23:01
 Operator : CG/JU
 Sample : M1407-23MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8MSD

Manual Integrations
 APPROVED

mohammad
 2/17/2021 1:46:25 PM

Quant Time: Feb 17 03:28:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 16 23:25:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	223511	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	175285	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	436603	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	480096	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	483502	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	6132	4.55	ng/uL	0.00
5) Phenol-d5	7.25	99	33313	7.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	82095	29.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	81597	24.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	61011	16.45	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	51184	30.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	62049	30.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	109702	27.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	11719m	3.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	453483	34.93	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	485836	30.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	19541	8.86	ng/ul	0.01
58) Fluorene-d10	15.71	176	389572	33.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	101615	37.96	ng/ul	0.00
71) Anthracene-d10	17.56	188	695283	37.14	ng/ul	0.00
79) Pyrene-d10	19.85	212	837128	34.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	903210	36.62	ng/ul	0.01
Target Compounds						
6) Phenol	7.28	94	41179	8.434	ng/ul	91
10) 2-Chlorophenol	7.66	128	81676	23.259	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.90	70	100783	30.041	ng/ul	93
28) Naphthalene	10.97	128	82966	7.359	ng/ul	99
33) 4-Chloro-3-methylphenol	12.17	107	125363	29.927	ng/ul	98
45) Dimethylphthalate	14.17	163	22331	1.664	ng/ul#	98
50) Acenaphthene	14.79	153	723237	67.886	ng/ul	97
53) 4-Nitrophenol	14.93	109	22799	9.154	ng/ul#	79
54) Dibenzofuran	15.12	168	18454	1.187	ng/ul	89
55) 2,4-Dinitrotoluene	15.08	165	143063	35.284	ng/ul#	100
59) Fluorene	15.77	166	204844	16.296	ng/ul	99
69) Pentachlorophenol	17.12	266	130156	42.612	ng/ul#	88
70) Phenanthrene	17.51	178	103439	4.715	ng/ul	98
75) Carbazole	17.87	167	819892	44.305	ng/ul	96
80) Pyrene	19.88	202	959080	32.154	ng/ul	100

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

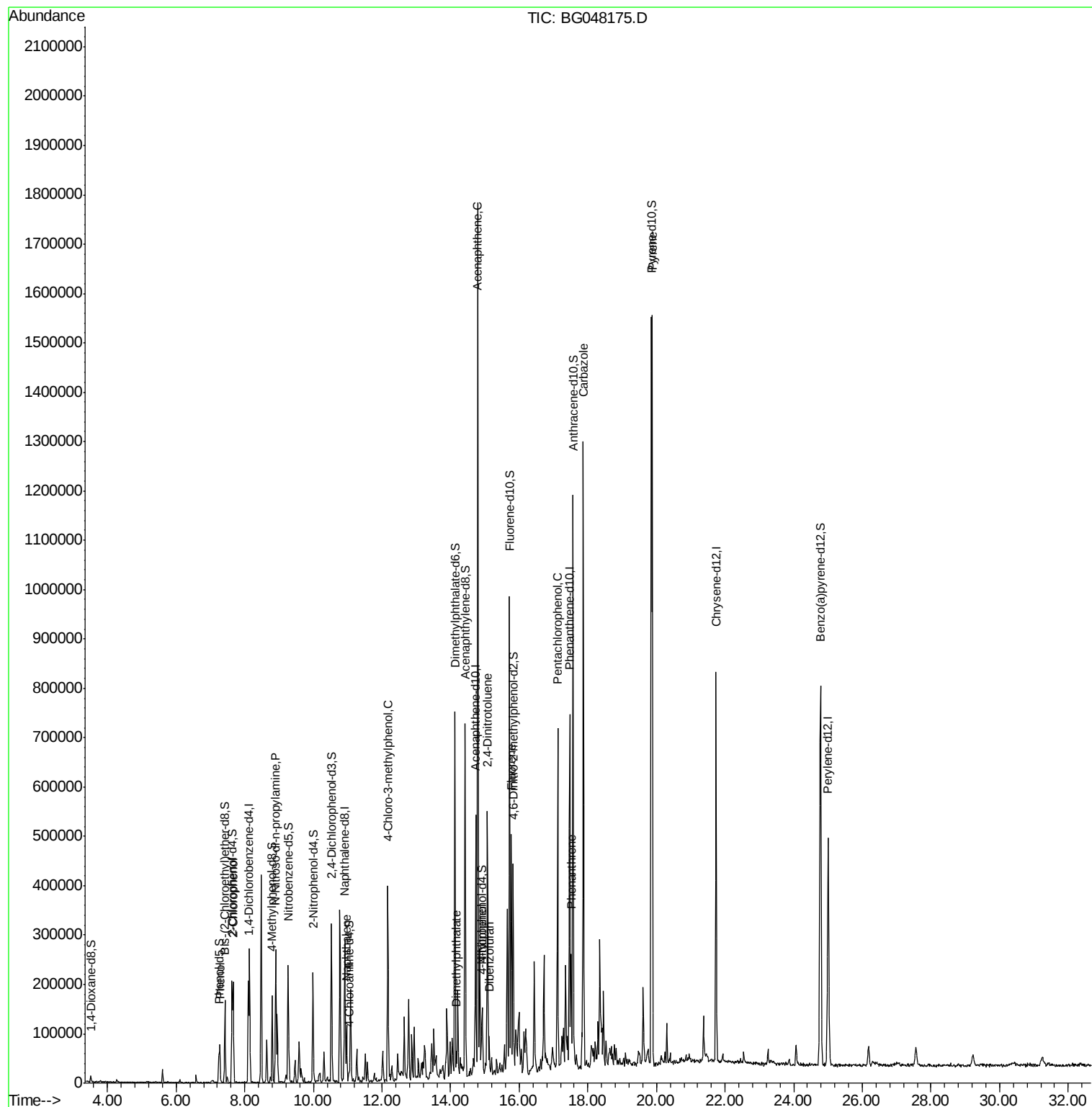
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048175.D
Acq On : 16 Feb 2021 23:01
Operator : CG/JU
Sample : M1407-23MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

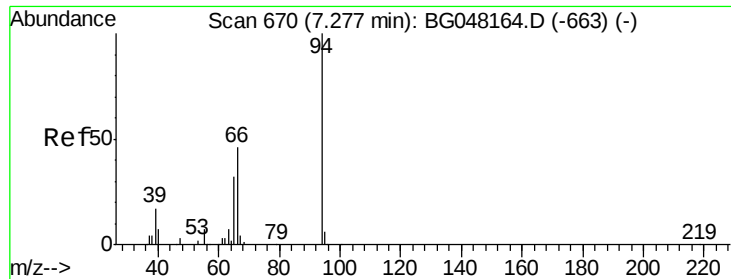
Instrument :
BNA_G
ClientSampleId :
DBGJ8MSD

Manual Integrations
APPROVED

mohammad
2/17/2021 1:46:25 PM

Quant Time: Feb 17 03:28:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 23:25:09 2021
Response via : Initial Calibration





#6

Phenol

Concen: 8.434 ng/ul

RT: 7.28 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG048175.D

Acq: 16 Feb 2021 23:01

Instrument :

BNA_G

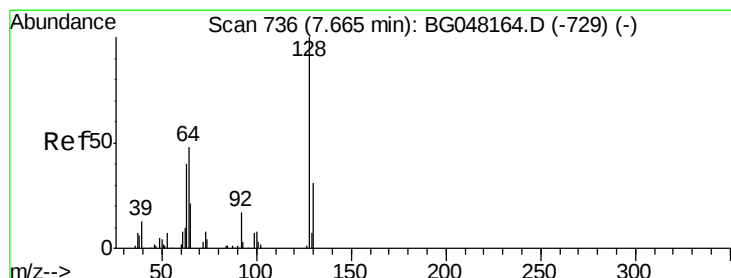
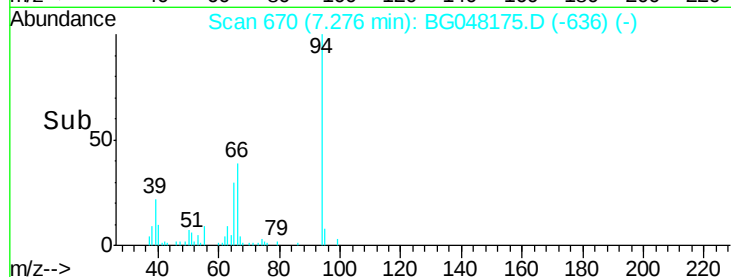
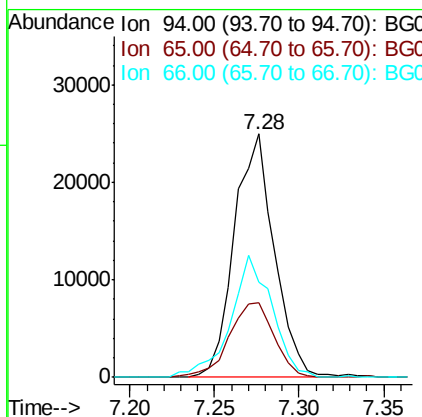
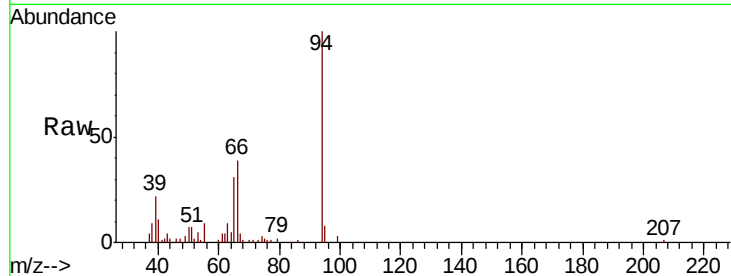
ClientSampleId :

DBGJ8MSD

Tot Ion:	94	Resp:	41179
Ion	Ratio	Lower	Upper
94	100		
65	30.8	27.0	40.4
66	39.1	37.1	55.7

Manual Integrations
APPROVED

mohammad
2/17/2021 1:46:25 PM



#10

2-Chlorophenol

Concen: 23.259 ng/ul

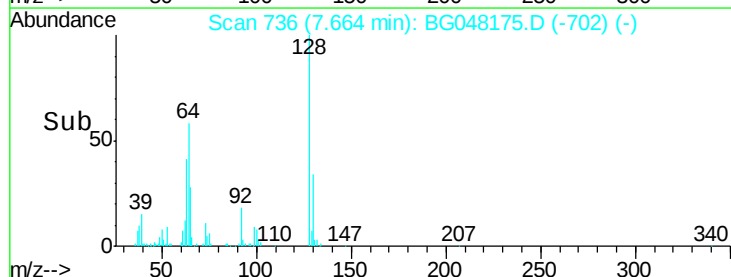
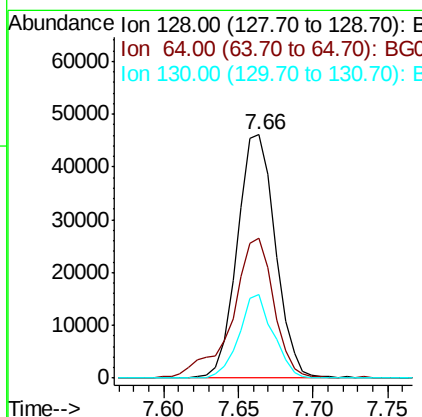
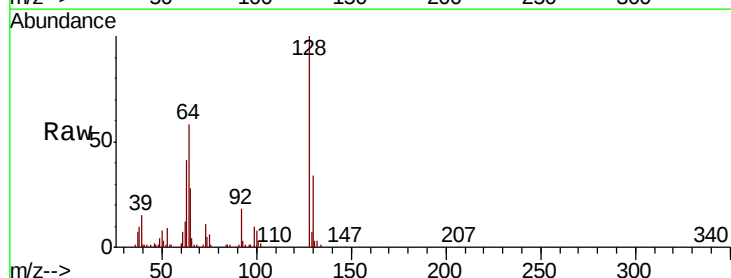
RT: 7.66 min Scan# 736

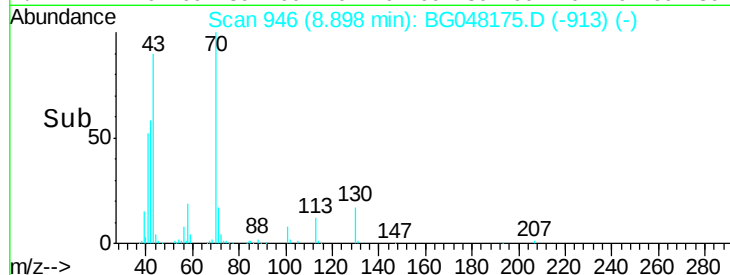
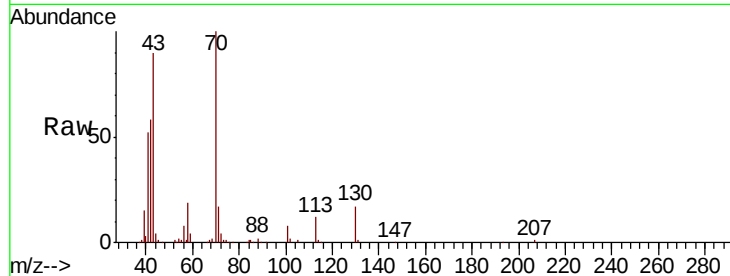
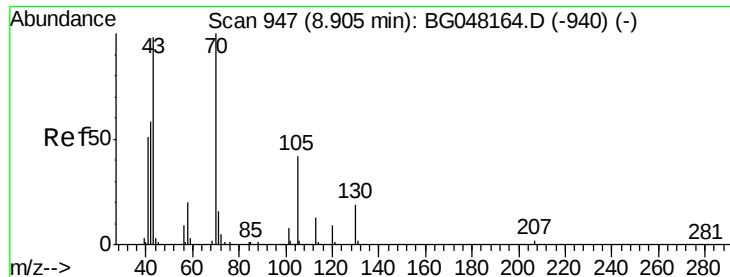
Delta R.T. -0.00 min

Lab File: BG048175.D

Acq: 16 Feb 2021 23:01

Tgt Ion:	128	Resp:	81676
Ion	Ratio	Lower	Upper
128	100		
64	57.5	39.6	59.4
130	34.3	26.8	40.2





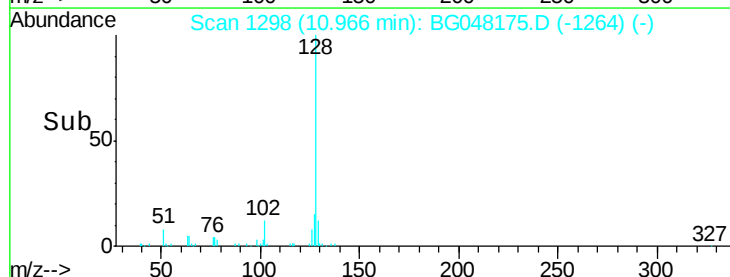
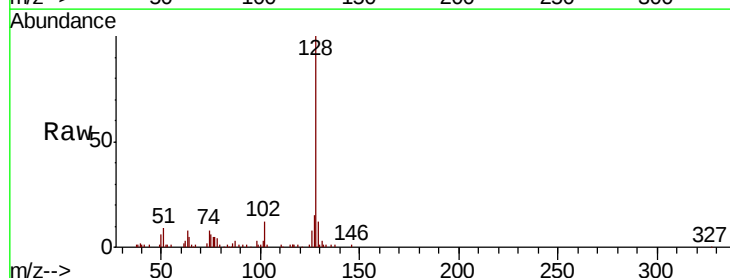
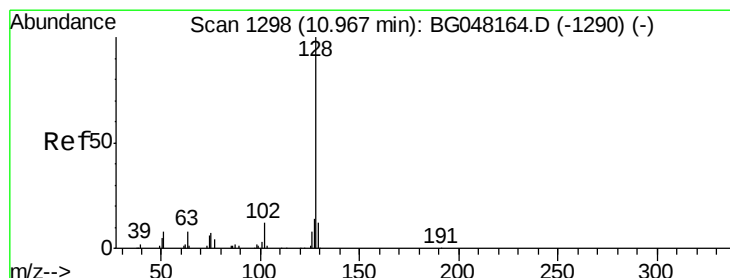
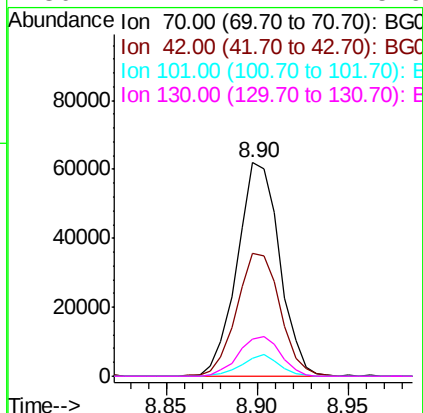
#15
N-Nitroso-di-n-propylamine
Concen: 30.041 ng/ul
RT: 8.90 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.7	41.4	62.0
101	8.4	6.6	9.8
130	17.1	12.4	18.6

Instrument :
BNA_G
ClientSampleId :
DBGJ8MSD

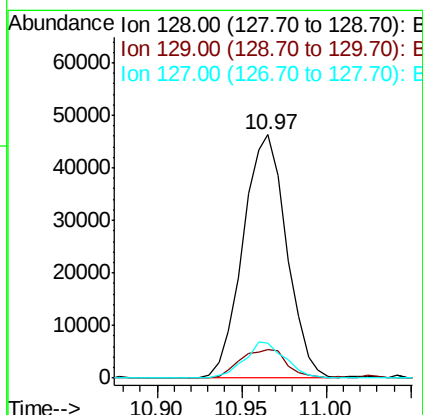
Manual Integrations
APPROVED

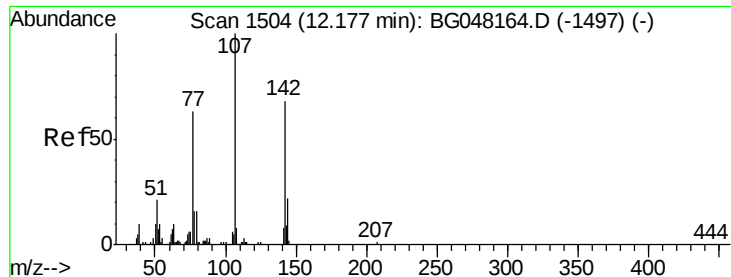
mohammad
2/17/2021 1:46:25 PM



#28
Naphthalene
Concen: 7.359 ng/ul
RT: 10.97 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.5	11.2	16.8





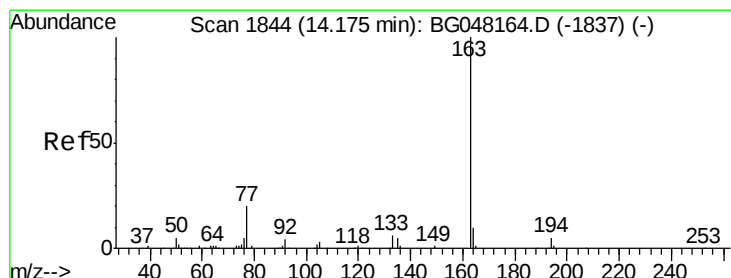
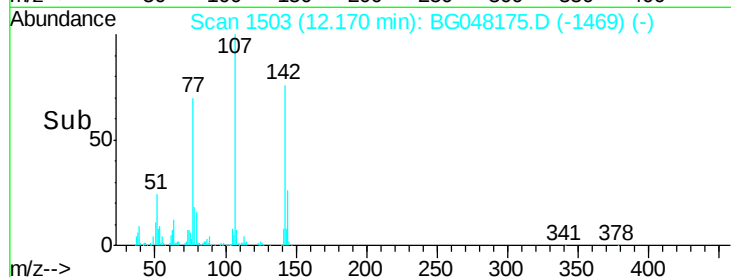
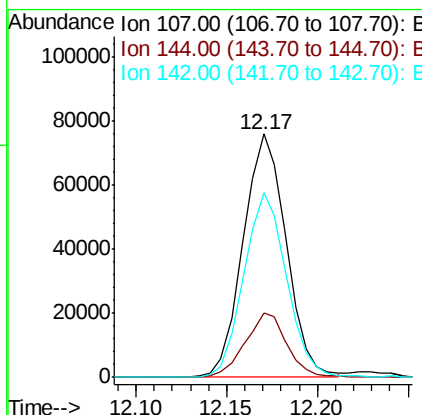
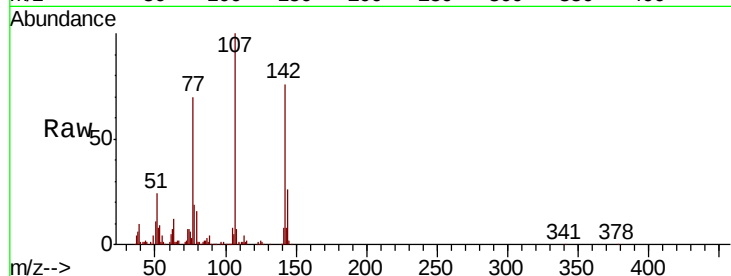
#33
4-Chloro-3-methylphenol
Concen: 29.927 ng/ul
RT: 12.17 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Instrument :
BNA_G
ClientSampleId :
DBGJ8MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.2	28.8
142	75.9	61.8	92.6

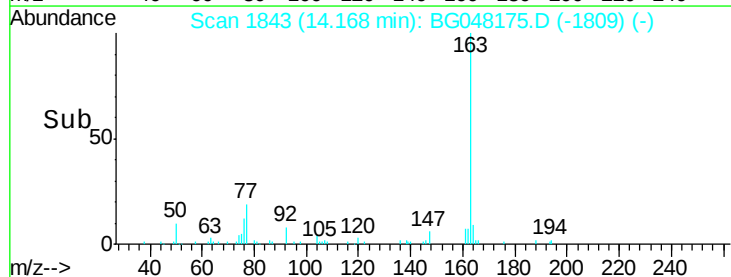
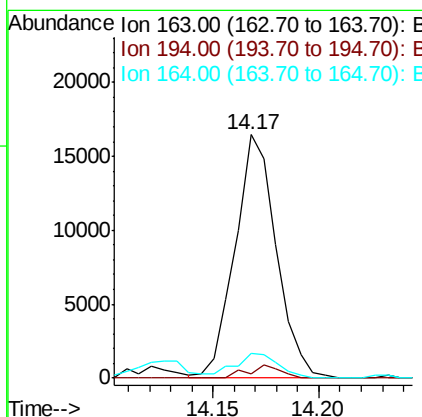
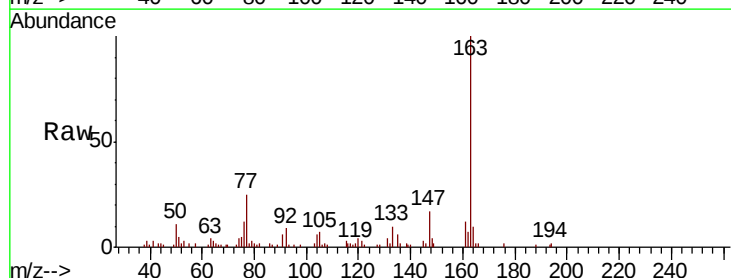
Manual Integrations
APPROVED

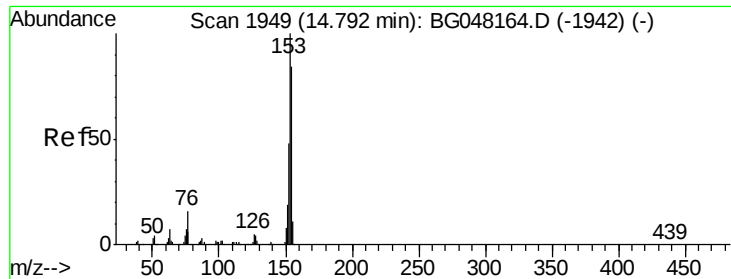
mohammad
2/17/2021 1:46:25 PM



#45
Dimethylphthalate
Concen: 1.664 ng/ul
RT: 14.17 min Scan# 1843
Delta R.T. -0.00 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	1.7	3.0	4.6#
164	10.4	8.1	12.1





#50

Acenaphthene

Concen: 67.886 ng/ul

RT: 14.79 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BG048175.D

Acq: 16 Feb 2021 23:01

Instrument :

BNA_G

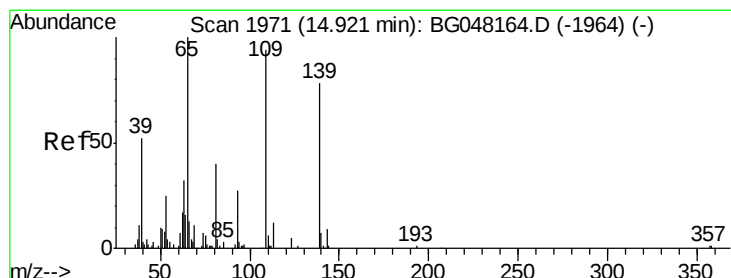
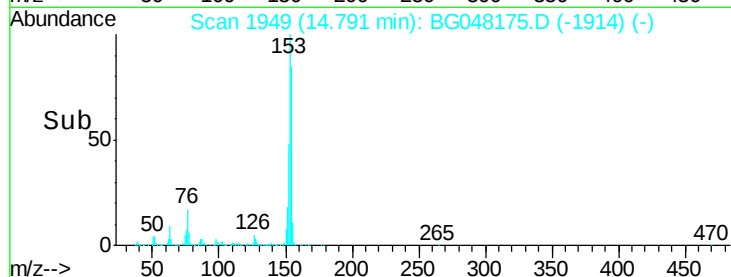
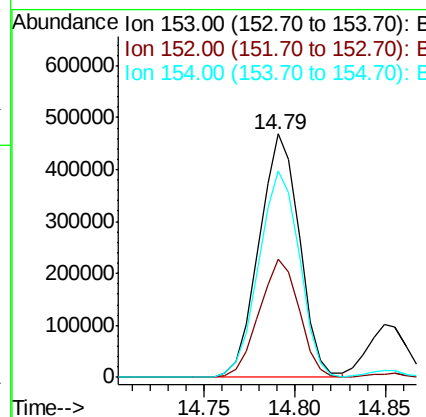
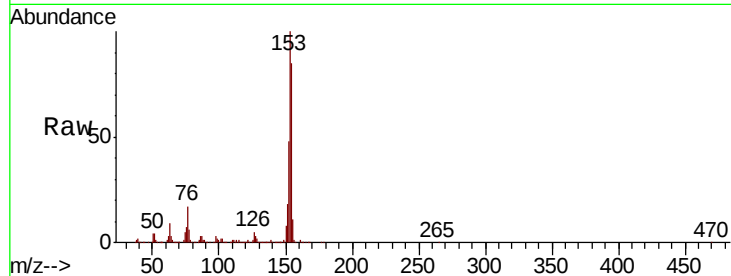
ClientSampleId :

DBGJ8MSD

Tot Ion	153	Resp	723237
Ion Ratio	Lower	Upper	
153	100		
152	48.3	35.7	53.5
154	84.9	66.3	99.5

Manual Integrations
APPROVED

mohammad
2/17/2021 1:46:25 PM



#53

4-Nitrophenol

Concen: 9.154 ng/ul

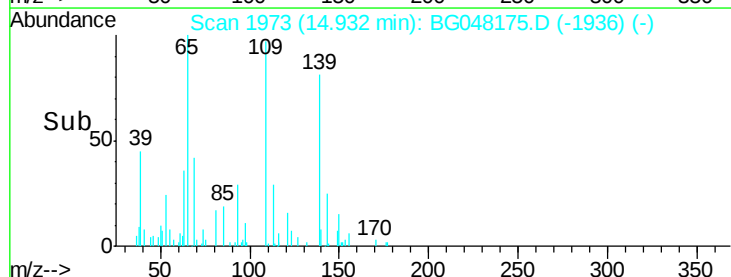
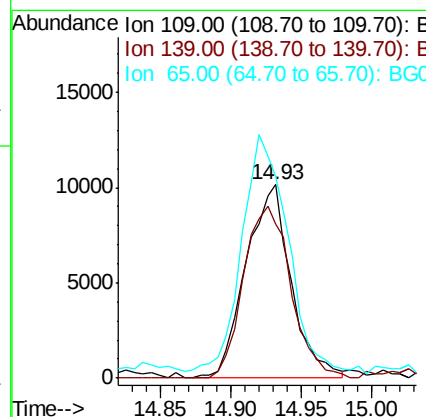
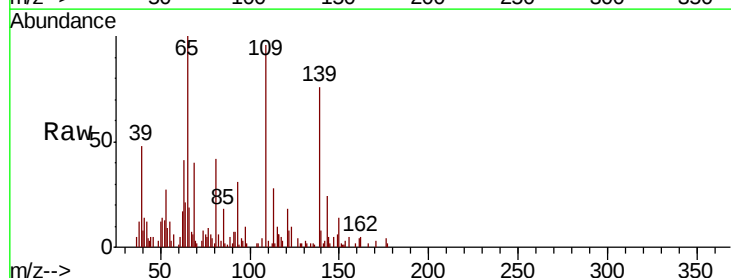
RT: 14.93 min Scan# 1973

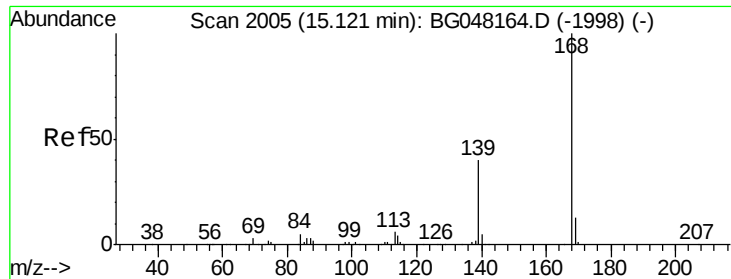
Delta R.T. 0.02 min

Lab File: BG048175.D

Acq: 16 Feb 2021 23:01

Tgt Ion	109	Resp	22799
Ion Ratio	Lower	Upper	
109	100		
139	79.6	81.0	121.6#
65	104.1	102.0	153.0





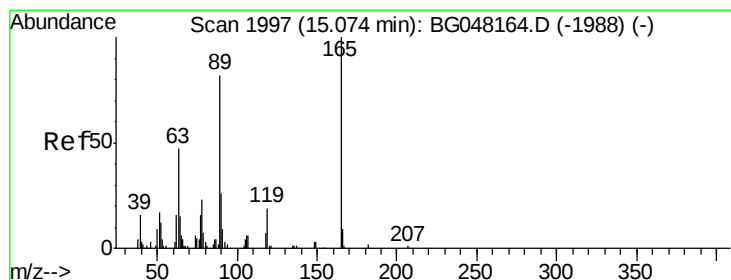
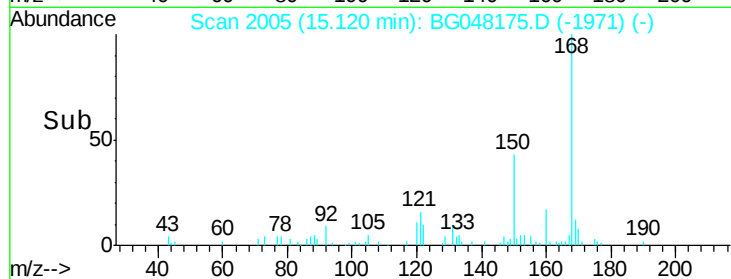
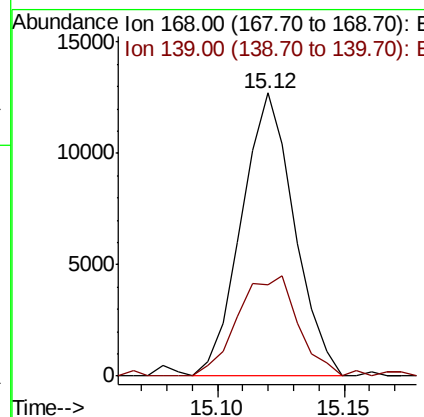
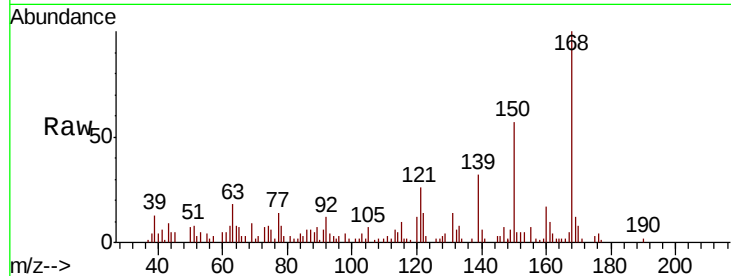
#54
Dibenzenofuran
Concen: 1.187 ng/ul
RT: 15.12 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Instrument :
BNA_G
ClientSampleId :
DBGJ8MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	32.2	30.9	46.3

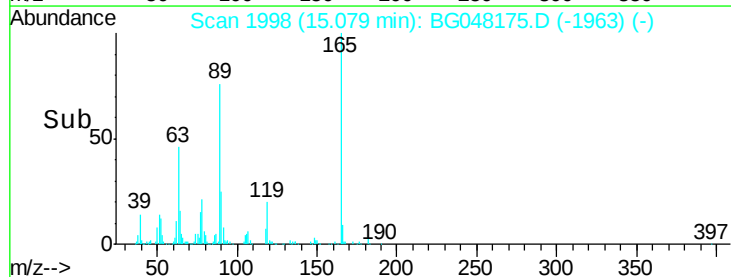
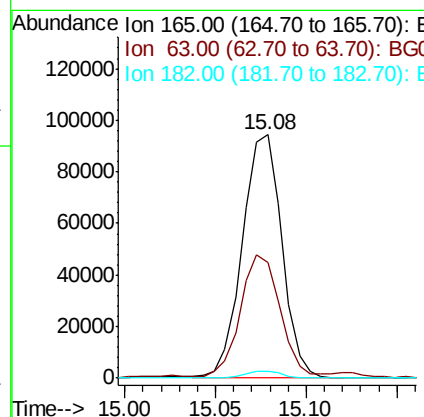
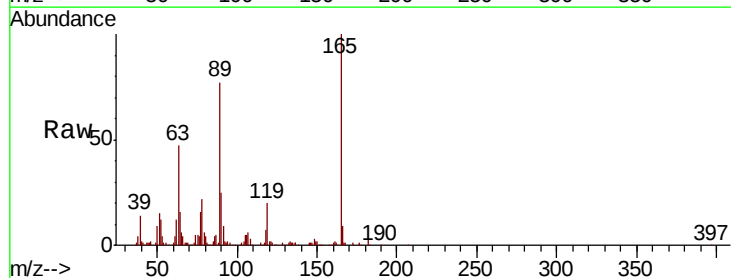
Manual Integrations
APPROVED

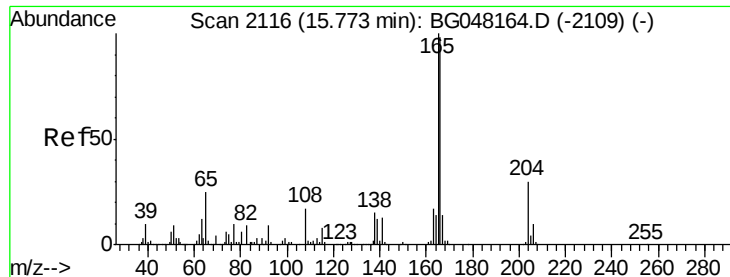
mohammad
2/17/2021 1:46:25 PM



#55
2,4-Dinitrotoluene
Concen: 35.284 ng/ul
RT: 15.08 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	37.9	56.9
182	2.8	1.8	2.8#





#59

Fluorene

Concen: 16.296 ng/ul

RT: 15.77 min Scan# 2116

Delta R.T. 0.01 min

Lab File: BG048175.D

Acq: 16 Feb 2021 23:01

Instrument :

BNA_G

ClientSampleId :

DBGJ8MSD

Tot Ion:166 Resp: 204844

Ion Ratio Lower Upper

166 100

165 100.2 79.4 119.0

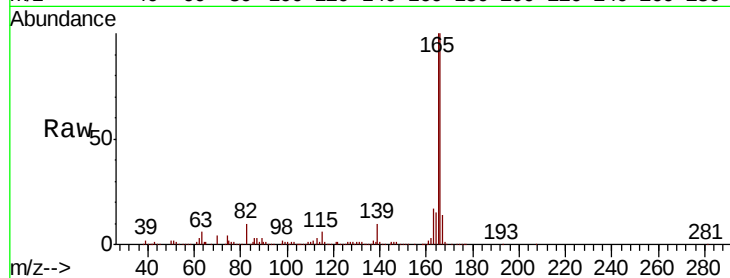
167 14.1 10.6 16.0

Manual Integrations

APPROVED

mohammad

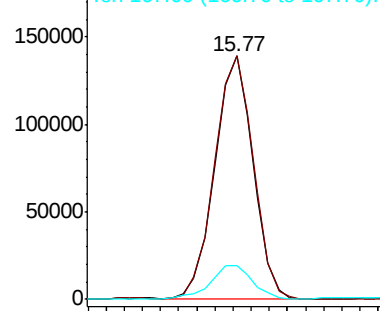
2/17/2021 1:46:25 PM



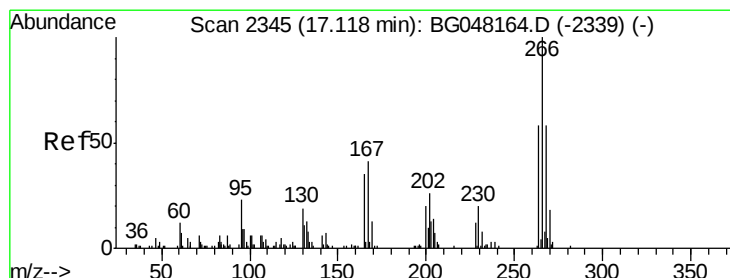
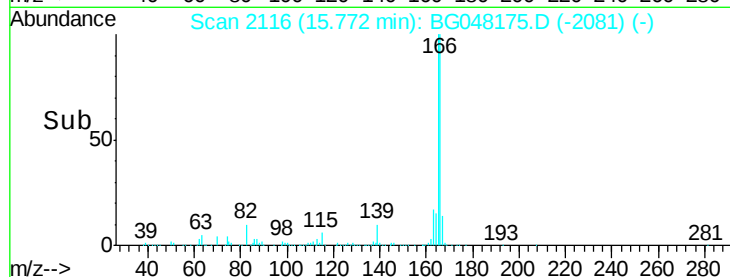
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#69

Pentachlorophenol

Concen: 42.612 ng/ul

RT: 17.12 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG048175.D

Acq: 16 Feb 2021 23:01

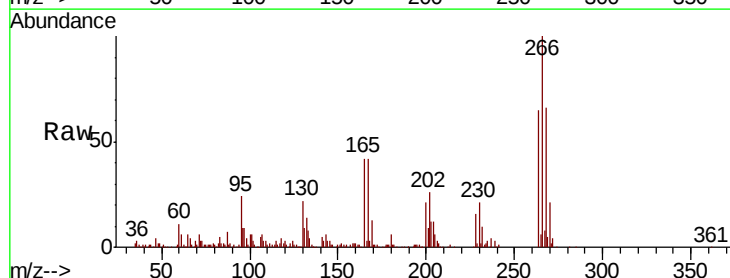
Tgt Ion:266 Resp: 130156

Ion Ratio Lower Upper

266 100

264 65.1 55.0 82.4

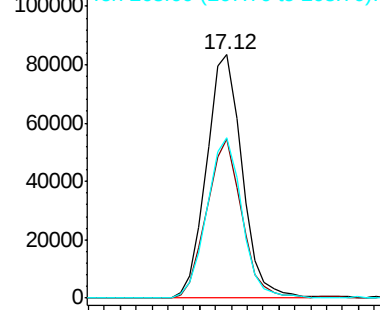
268 66.0 41.0 61.4#



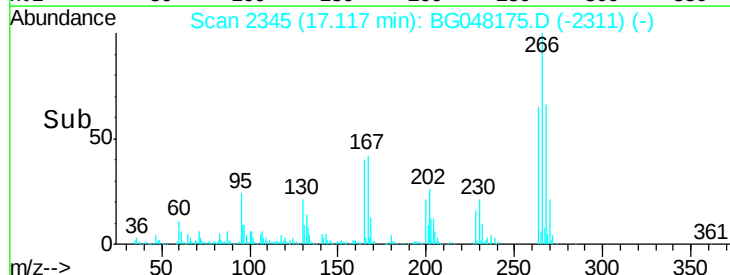
Abundance Ion 265.70 (265.40 to 266.40): E

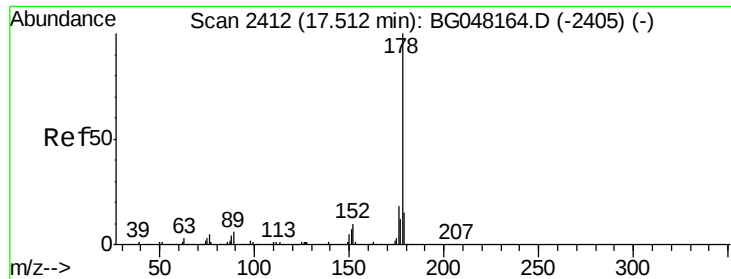
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



Time-->





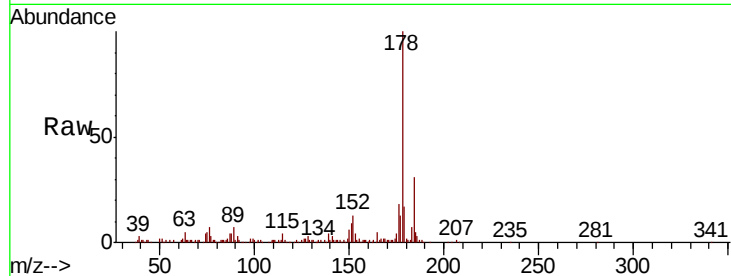
#70
Phenanthrene
Concen: 4.715 ng/ul
RT: 17.51 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

Instrument :
BNA_G
ClientSampleId :
DBGJ8MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.0	18.0
176	18.2	14.9	22.3

Manual Integrations
APPROVED

mohammad
2/17/2021 1:46:25 PM

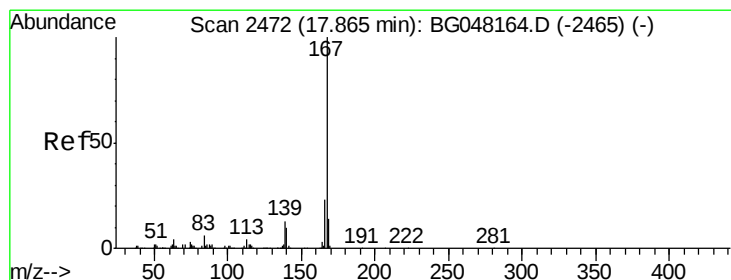
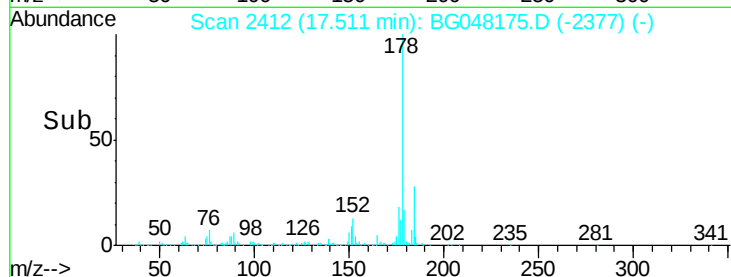
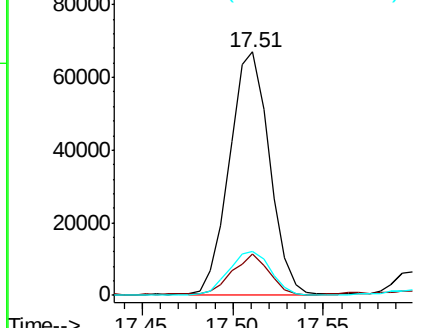


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75
Carbazole
Concen: 44.305 ng/ul
RT: 17.87 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG048175.D
Acq: 16 Feb 2021 23:01

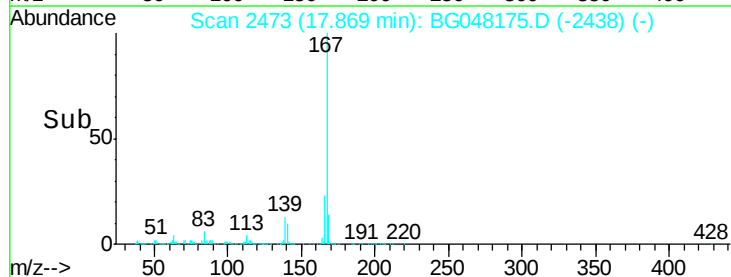
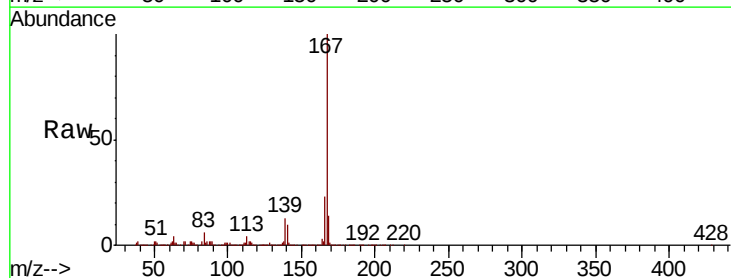
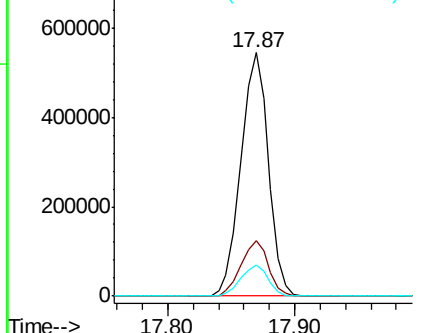
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	16.2	24.2
139	12.8	9.6	14.4

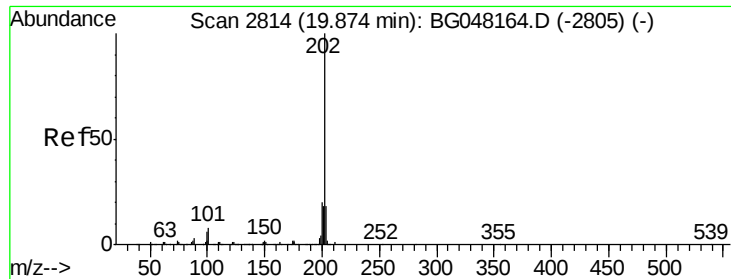
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#80
 Pvrene
 Concen: 32.154 ng/ul
 RT: 19.88 min Scan# 2815
 Delta R.T. 0.01 min
 Lab File: BG048175.D
 Acq: 16 Feb 2021 23:01

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.2	5.6	8.4
100	6.5	5.2	7.8

Manual Integrations
 APPROVED

mohammad
 2/17/2021 1:46:25 PM

