

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
 Data File : BG048174.D
 Acq On : 16 Feb 2021 22:21
 Operator : CG/JU
 Sample : M1407-22MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8MS

Manual Integrations
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Quant Time: Feb 17 04:18:49 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	58996	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	231801	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	180272	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	457050	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	490890	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	499821	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5905m	4.17	ng/uL	0.00
5) Phenol-d5	7.25	99	35103	7.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	83506	28.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	79898	22.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	59973	15.38	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	49523	28.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	62315	29.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	109598	26.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	17095m	4.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	434594	32.55	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	479610	29.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	19994	8.81	ng/ul	0.02
58) Fluorene-d10	15.71	176	373668	31.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	96339	34.38	ng/ul	0.00
71) Anthracene-d10	17.56	188	678056	34.60	ng/ul	0.00
79) Pyrene-d10	19.84	212	832255	33.95	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	877446	34.41	ng/ul	0.01

Target Compounds

				Ovalue	
6) Phenol	7.27	94	38402	7.483	ng/ul 96
10) 2-Chlorophenol	7.66	128	79658	21.580	ng/ul 94
15) N-Nitroso-di-n-propylamine	8.90	70	102972	29.200	ng/ul 94
28) Naphthalene	10.97	128	27796	2.377	ng/ul# 93
33) 4-Chloro-3-methylphenol	12.17	107	123542	28.437	ng/ul 99
45) Dimethylphthalate	14.17	163	17807	1.290	ng/ul 98
50) Acenaphthene	14.79	153	665545	60.743	ng/ul 96
53) 4-Nitrophenol	14.93	109	20624	8.051	ng/ul 88
55) 2,4-Dinitrotoluene	15.08	165	140263	33.637	ng/ul# 99
59) Fluorene	15.77	166	184594	14.279	ng/ul 98
69) Pentachlorophenol	17.11	266	129112	40.379	ng/ul 89
70) Phenanthrene	17.51	178	84412	3.676	ng/ul 98
75) Carbazole	17.87	167	750880	38.761	ng/ul 96
80) Pyrene	19.87	202	945772	31.010	ng/ul 98

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

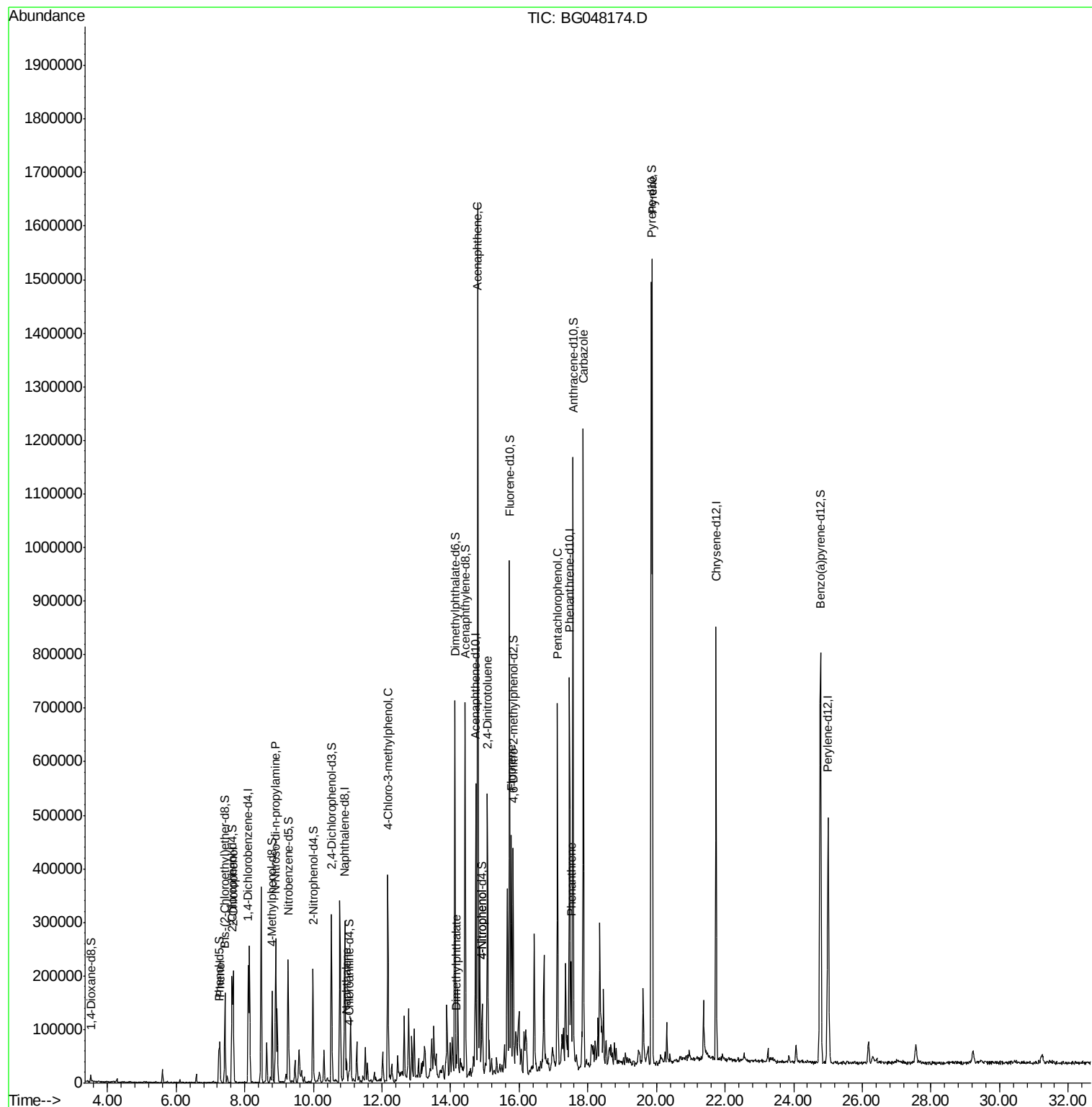
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021621\
Data File : BG048174.D
Acq On : 16 Feb 2021 22:21
Operator : CG/JU
Sample : M1407-22MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

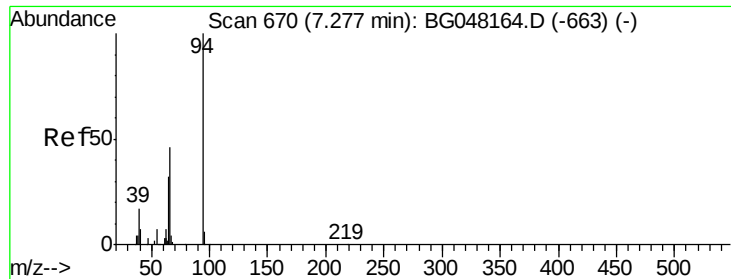
Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Manual Integrations
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Quant Time: Feb 17 04:18:49 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: 7.483 ng/ul

RT: 7.27 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG048174.D

Acq: 16 Feb 2021 22:21

Instrument :

BNA_G

ClientSampleId :

DBGJ8MS

Tot Ion: 94 Resp: 38402

Ion Ratio Lower Upper

94 100

65 35.5 27.0 40.4

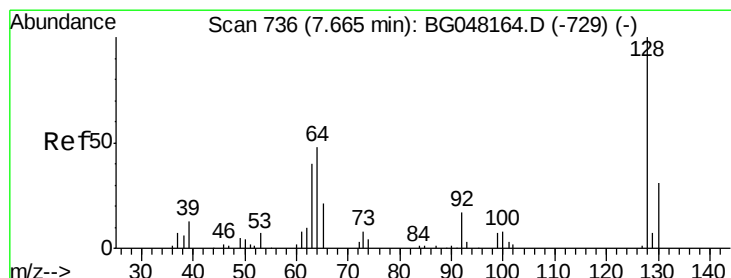
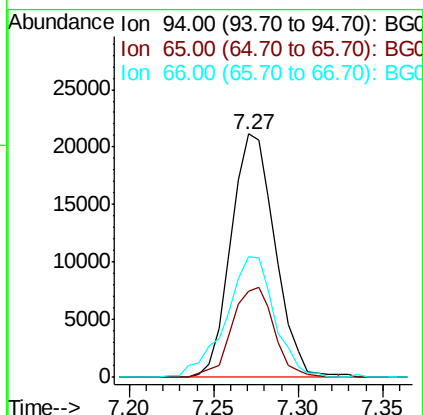
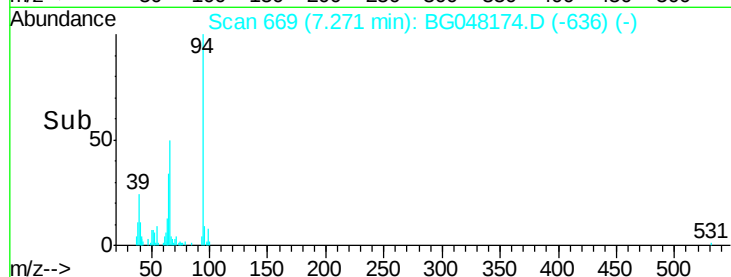
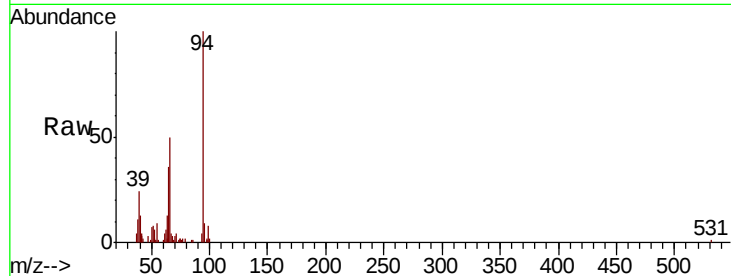
66 49.7 37.1 55.7

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#10

2-Chlorophenol

Concen: 21.580 ng/ul

RT: 7.66 min Scan# 736

Delta R.T. 0.00 min

Lab File: BG048174.D

Acq: 16 Feb 2021 22:21

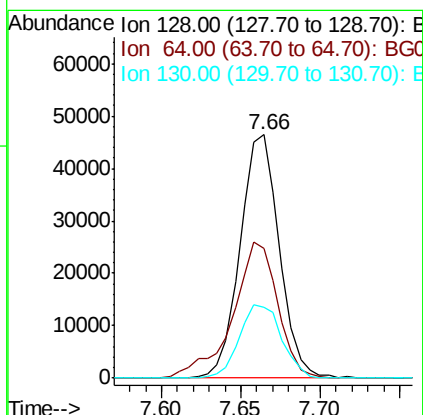
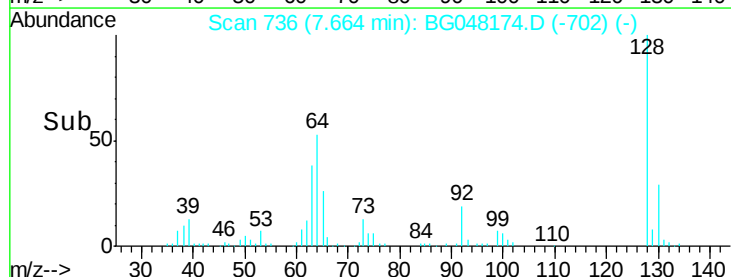
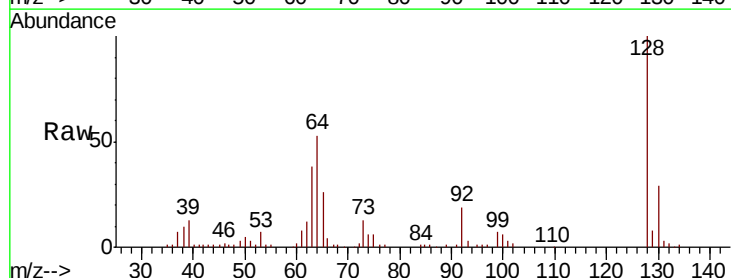
Tgt Ion: 128 Resp: 79658

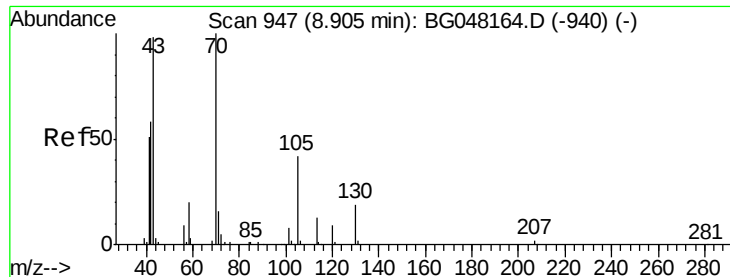
Ion Ratio Lower Upper

128 100

64 53.3 39.6 59.4

130 29.2 26.8 40.2





#15

N-Nitroso-di-n-propylamine

Concen: 29.200 ng/ul

RT: 8.90 min Scan# 947

Delta R.T. 0.00 min

Lab File: BG048174.D

Acq: 16 Feb 2021 22:21

Instrument :

BNA_G

ClientSampleId :

DBGJ8MS

Tot Ion: 70 Resp: 102972

Ion Ratio Lower Upper

70 100

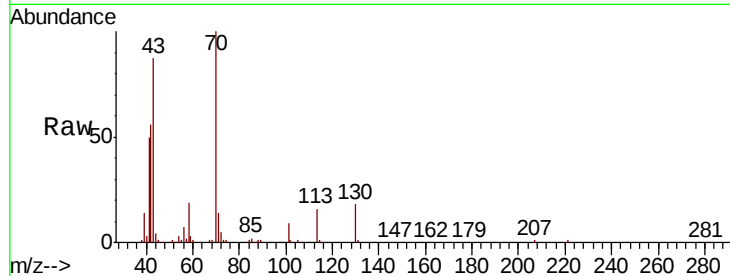
42 56.3 41.4 62.0

101 9.4 6.6 9.8

130 18.1 12.4 18.6

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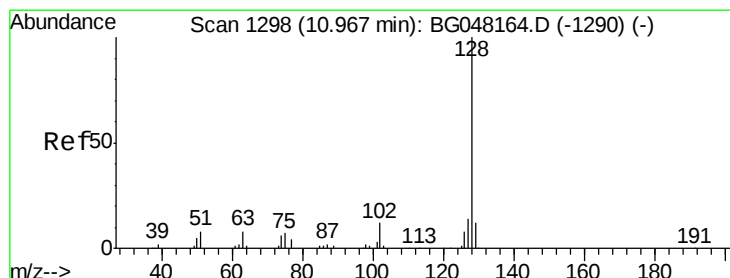
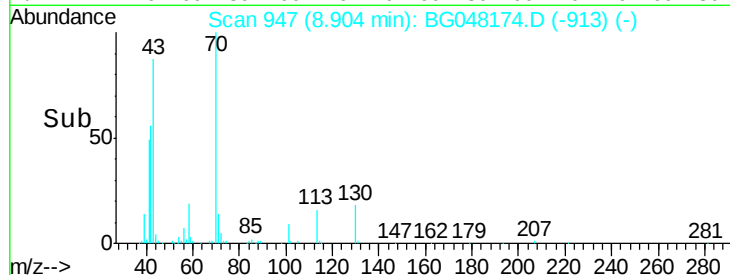
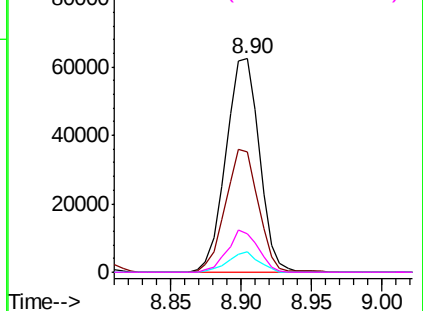


Abundance Ion 70.00 (69.70 to 70.70): BG048164.D (-940) (-)

Ion 42.00 (41.70 to 42.70): BG048164.D (-940) (-)

Ion 101.00 (100.70 to 101.70): BG048164.D (-940) (-)

Ion 130.00 (129.70 to 130.70): BG048164.D (-940) (-)



#28

Naphthalene

Concen: 2.377 ng/ul

RT: 10.97 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BG048174.D

Acq: 16 Feb 2021 22:21

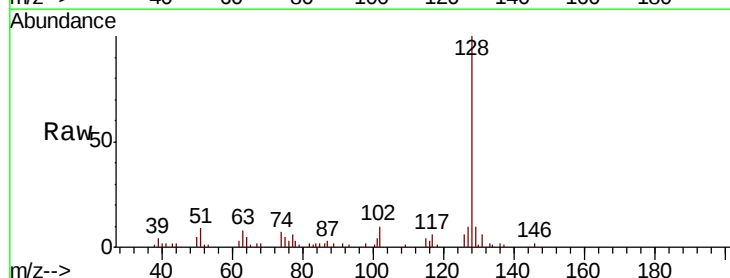
Tgt Ion:128 Resp: 27796

Ion Ratio Lower Upper

128 100

129 10.5 9.3 13.9

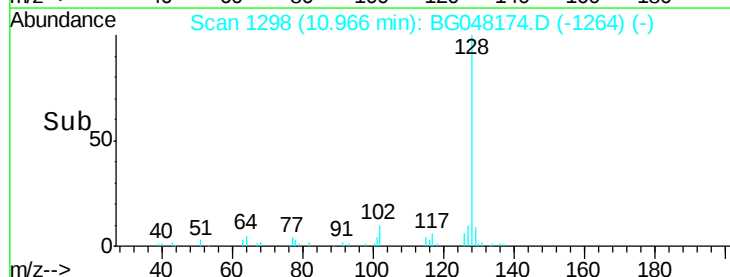
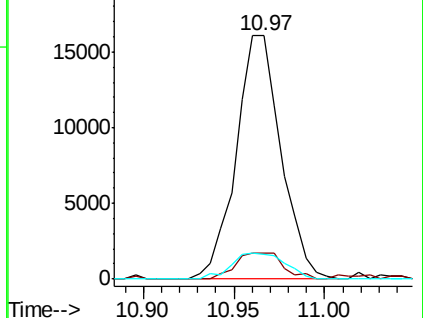
127 10.1 11.2 16.8#

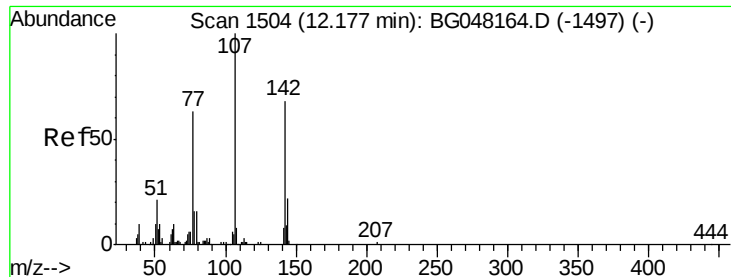


Abundance Ion 128.00 (127.70 to 128.70): BG048164.D (-1290) (-)

Ion 129.00 (128.70 to 129.70): BG048164.D (-1290) (-)

Ion 127.00 (126.70 to 127.70): BG048164.D (-1290) (-)





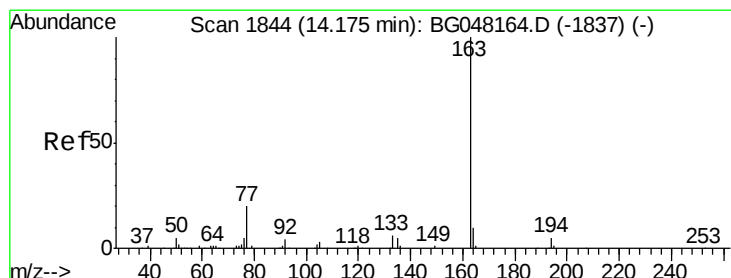
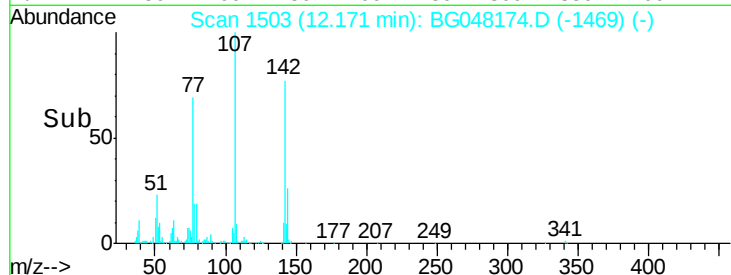
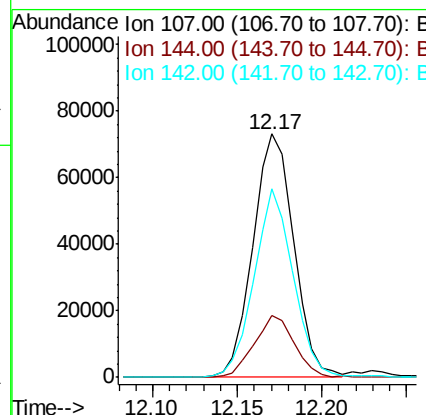
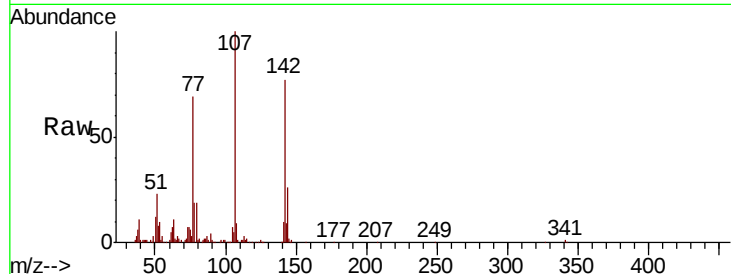
#33
 4-Chloro-3-methylphenol
 Concen: 28.437 ng/ul
 RT: 12.17 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BG048174.D
 Acq: 16 Feb 2021 22:21

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.2	28.8
142	77.4	61.8	92.6

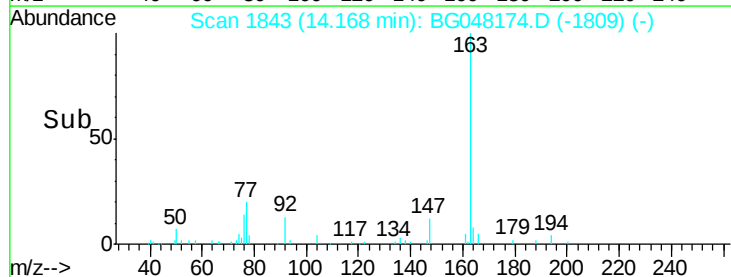
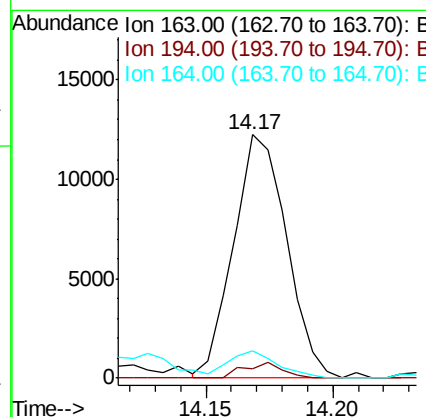
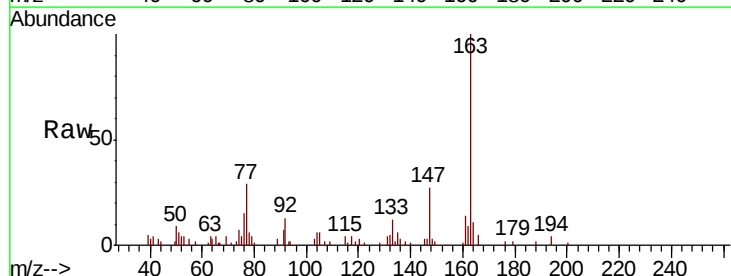
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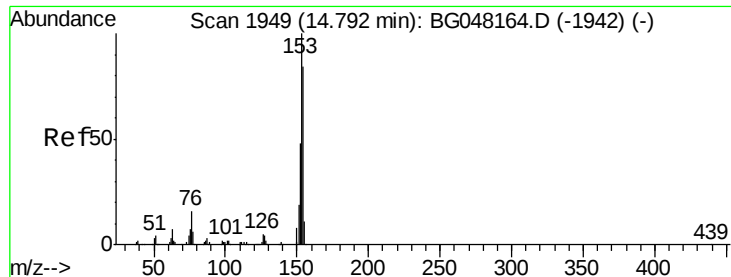
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#45
 Dimethylphthalate
 Concen: 1.290 ng/ul
 RT: 14.17 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: BG048174.D
 Acq: 16 Feb 2021 22:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	11.2	8.1	12.1





#50

Acenaphthene

Concen: 60.743 ng/ul

RT: 14.79 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BG048174.D

Acq: 16 Feb 2021 22:21

Instrument :

BNA_G

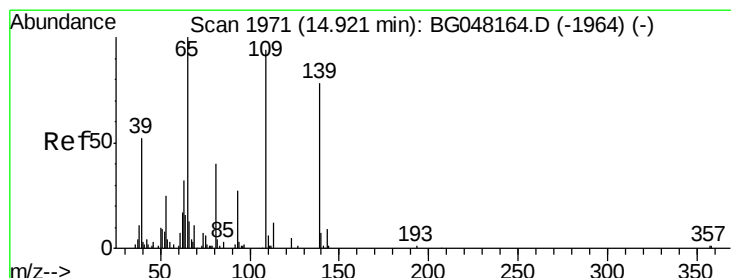
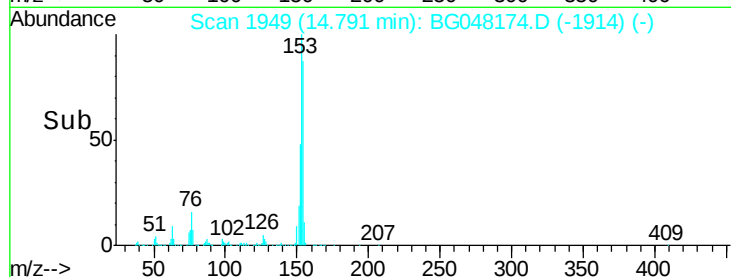
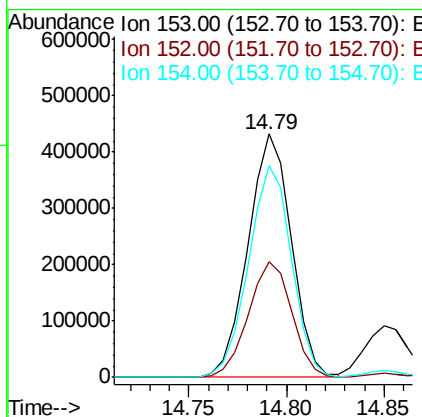
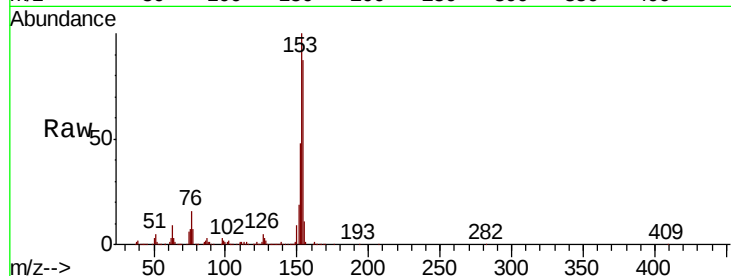
ClientSampleId :

DBGJ8MS

Tot Ion:	153	Resp:	665545
Ion Ratio	Lower	Upper	
153	100		
152	47.6	35.7	53.5
154	86.8	66.3	99.5

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#53

4-Nitrophenol

Concen: 8.051 ng/ul

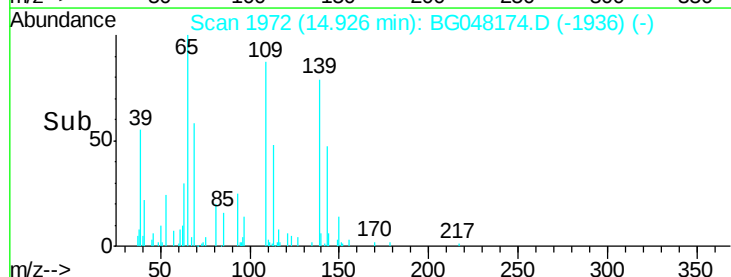
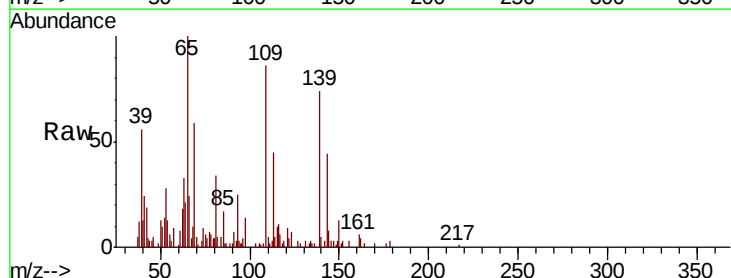
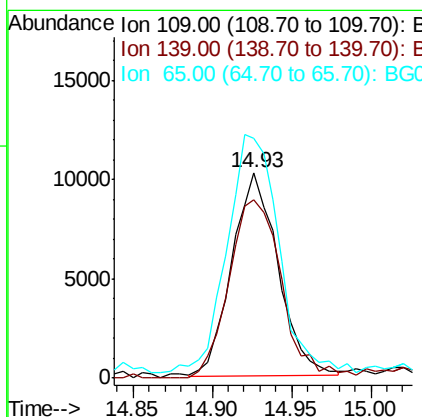
RT: 14.93 min Scan# 1972

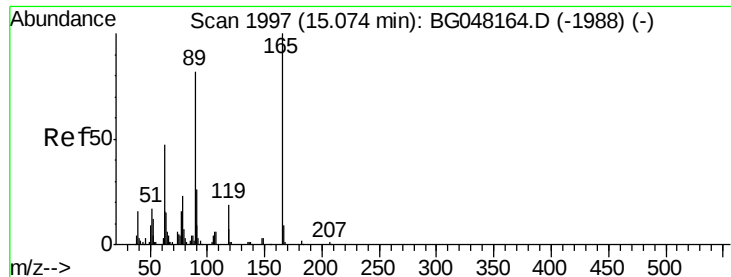
Delta R.T. 0.01 min

Lab File: BG048174.D

Acq: 16 Feb 2021 22:21

Tgt Ion:	109	Resp:	20624
Ion Ratio	Lower	Upper	
109	100		
139	86.4	81.0	121.6
65	116.4	102.0	153.0





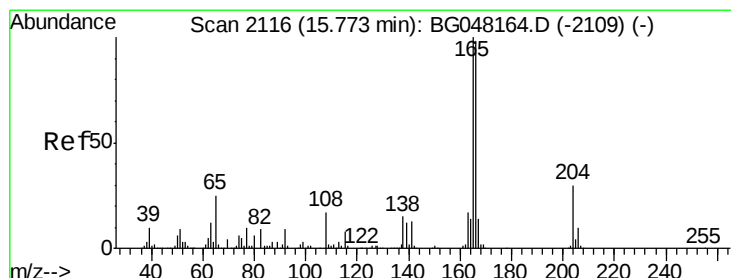
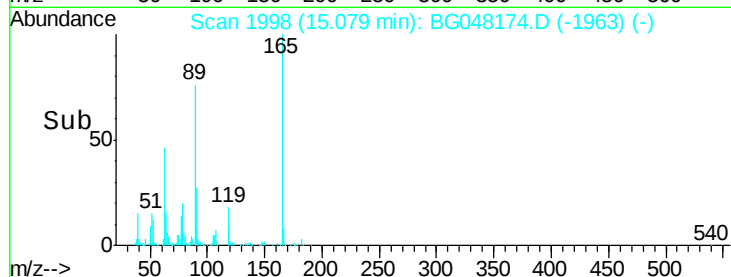
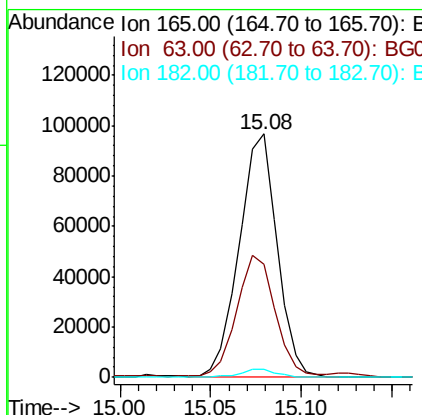
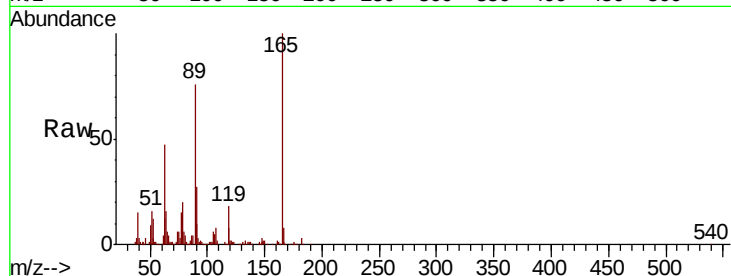
#55
2,4-Dinitrotoluene
Concen: 33.637 ng/ul
RT: 15.08 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Instrument :
BNA_G
ClientSampleId :
DBGJ8MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.7	37.9	56.9
182	3.1	1.8	2.8

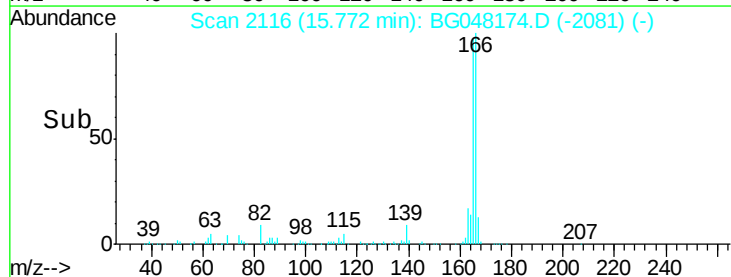
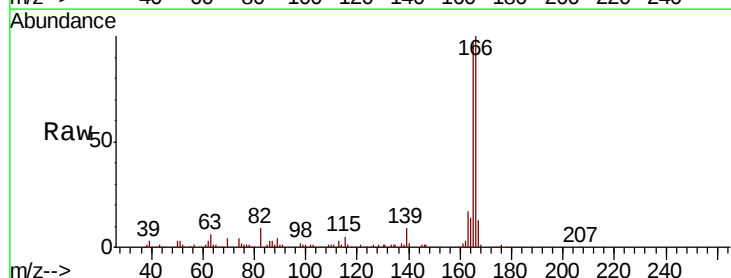
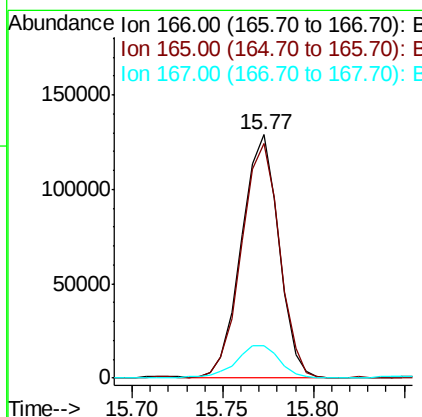
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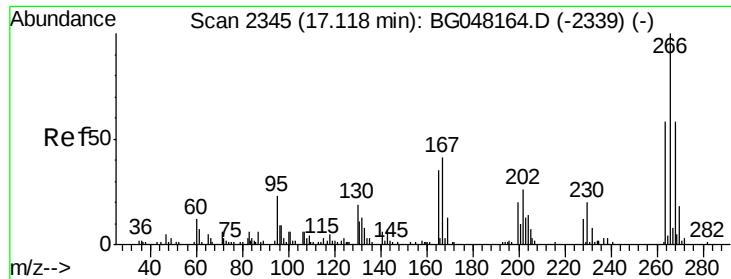
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#59
Fluorene
Concen: 14.279 ng/ul
RT: 15.77 min Scan# 2116
Delta R.T. 0.01 min
Lab File: BG048174.D
Acq: 16 Feb 2021 22:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	79.4	119.0
167	13.2	10.6	16.0





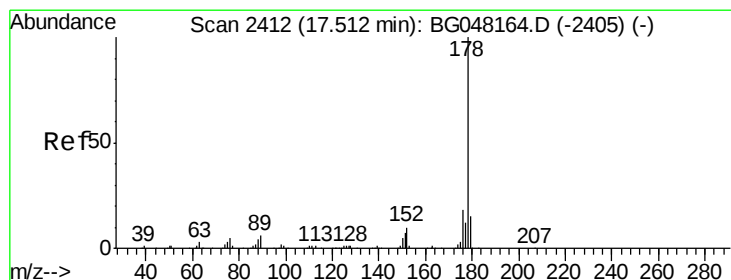
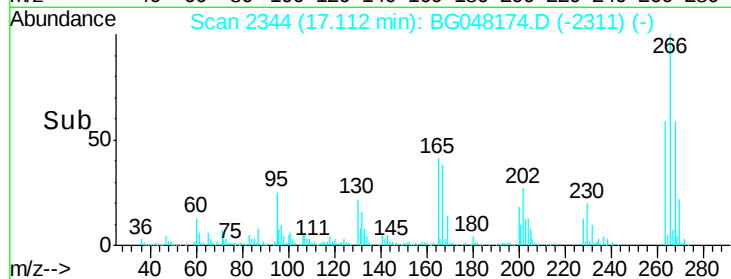
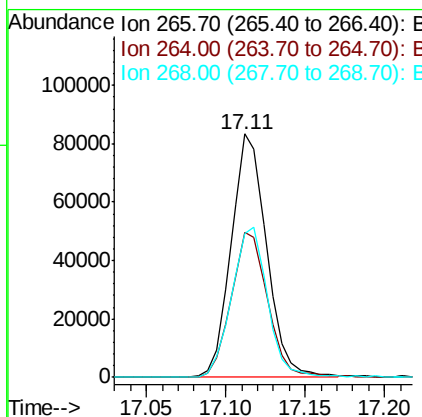
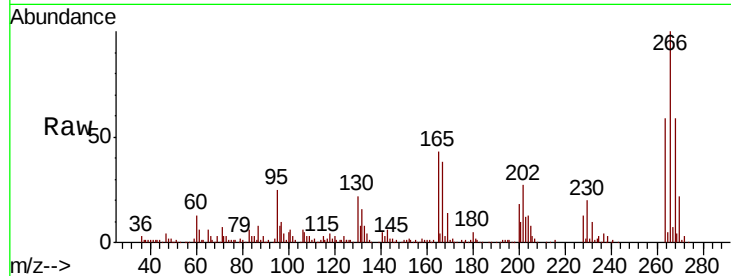
#69
 Pentachlorophenol
 Concen: 40.379 ng/ul
 RT: 17.11 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG048174.D
 Acq: 16 Feb 2021 22:21

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8MS

Tot Ion:	266	Resp:	129112
Ion Ratio	Lower	Upper	
266	100		
264	59.5	55.0	82.4
268	59.1	41.0	61.4

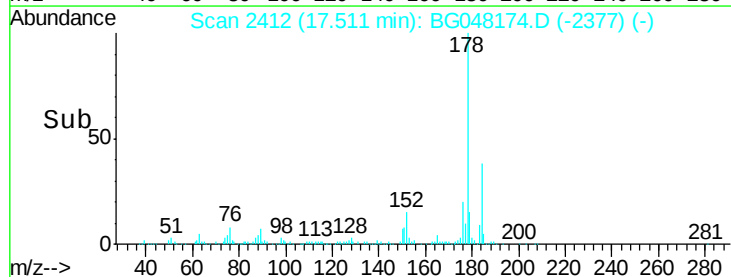
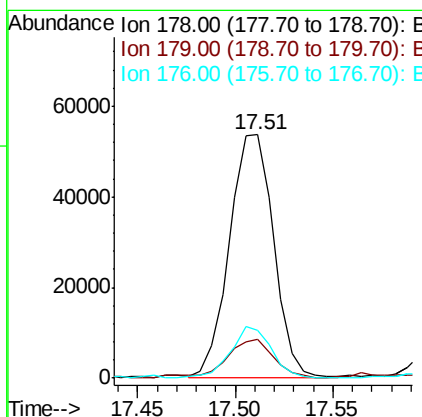
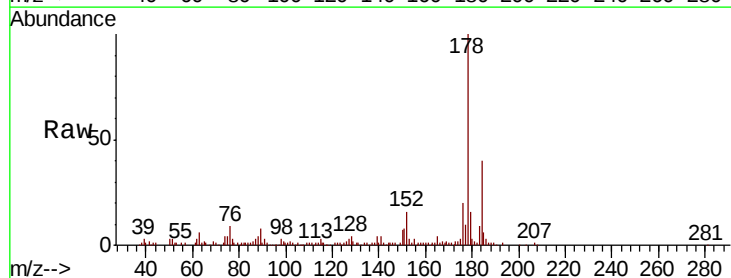
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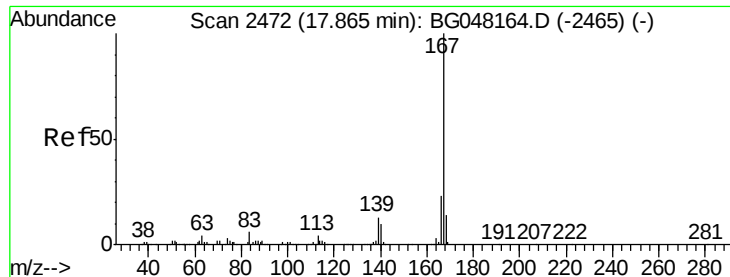
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#70
 Phenanthrene
 Concen: 3.676 ng/ul
 RT: 17.51 min Scan# 2412
 Delta R.T. 0.01 min
 Lab File: BG048174.D
 Acq: 16 Feb 2021 22:21

Tgt Ion:	178	Resp:	84412
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.0	18.0
176	19.6	14.9	22.3





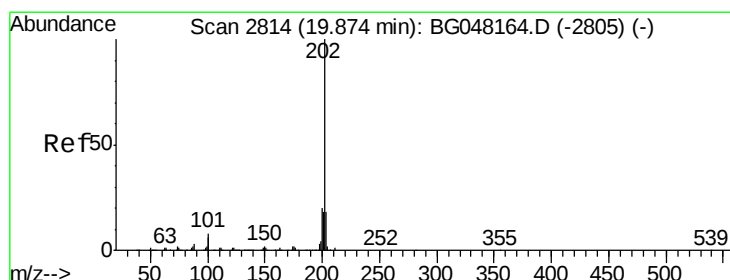
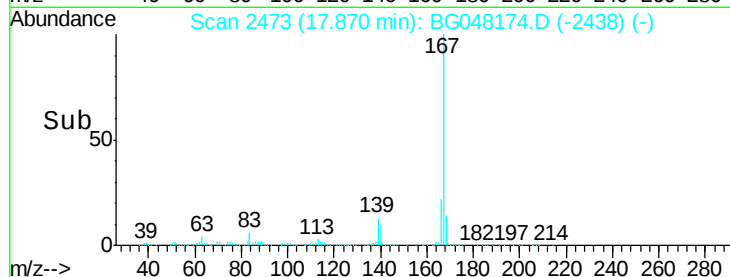
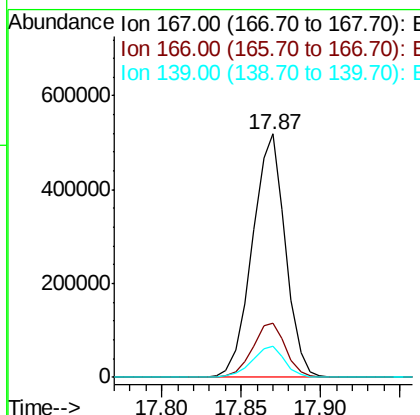
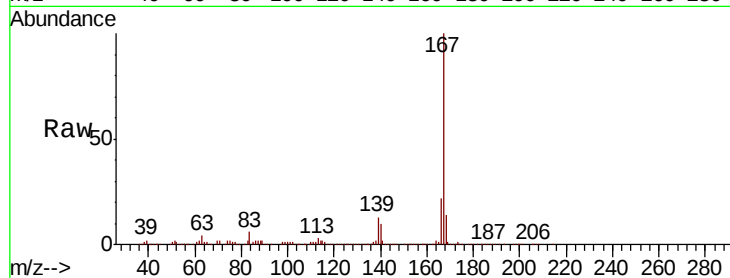
#75
 Carbazole
 Concen: 38.761 ng/ul
 RT: 17.87 min Scan# 2473
 Delta R.T. 0.01 min
 Lab File: BG048174.D
 Acq: 16 Feb 2021 22:21

Instrument :
 BNA_G
 ClientSampleId :
 DBGJ8MS

Tot Ion:	167	Resp:	750880
Ion Ratio	Lower	Upper	
167	100		
166	22.4	16.2	24.2
139	12.7	9.6	14.4

Manual Integrations
 APPROVED

mohammad
 2/17/2021 1:46:23 PM



#80
 Pyrene
 Concen: 31.010 ng/ul
 RT: 19.87 min Scan# 2814
 Delta R.T. 0.00 min
 Lab File: BG048174.D
 Acq: 16 Feb 2021 22:21

Tgt Ion:	202	Resp:	945772
Ion Ratio	Lower	Upper	
202	100		
101	8.1	5.6	8.4
100	6.9	5.2	7.8

