

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048298.D
 Acq On : 23 Feb 2021 17:39
 Operator : CG/JU
 Sample : M1408-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGL7

Manual Integrations
 APPROVED

mohammad
 2/24/2021 10:18:40 AM

Quant Time: Feb 24 05:48:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 23 15:02:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	36175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	144017	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	100627	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	237507	20.00	ng/ul	0.00
78) Chrysene-d12	21.78	240	250754	20.00	ng/ul	0.00
86) Perylene-d12	25.08	264	237054	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	4649	5.35	ng/uL	0.00
5) Phenol-d5	7.33	99	32565	10.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	82510	45.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	77715	36.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	56057	23.44	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	48273	44.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	61145	46.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	101600	39.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	9852m	3.91	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	354249	47.53	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	420973	46.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	12670	10.00	ng/ul	0.00
58) Fluorene-d10	15.74	176	324332	48.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	68441	47.00	ng/ul	0.00
71) Anthracene-d10	17.59	188	519855	51.05	ng/ul	0.00
79) Pyrene-d10	19.87	212	622556	49.72	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.85	264	635284	52.53	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.36	94	8701	2.765	ng/ul#	90
28) Naphthalene	11.02	128	6864673	945.011	ng/ul#	57
34) 2-Methylnaphthalene	12.58	142	581056	105.236	ng/ul	95
40) 2,4,5-Trichlorophenol	13.30	196	6785	2.995	ng/ul	94
41) 1,1'-Biphenyl	13.58	154	177384	25.697	ng/ul	98
45) Dimethylphthalate	14.20	163	28639	3.717	ng/ul#	93
48) Acenaphthylene	14.47	152	50682	6.219	ng/ul	98
50) Acenaphthene	14.81	153	398328	65.129	ng/ul	95
54) Dibenzofuran	15.14	168	552654	61.915	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.39	232	29486	12.733	ng/ul	95
59) Fluorene	15.79	166	275471	38.174	ng/ul	98
69) Pentachlorophenol	17.16	266	45620	27.456	ng/ul	95
70) Phenanthrene	17.54	178	324132	27.162	ng/ul	98
72) Anthracene	17.63	178	26331	2.187	ng/ul	98
75) Carbazole	17.92	167	1285312	127.678	ng/ul	97
77) Fluoranthene	19.54	202	16431	1.129	ng/ul#	97

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

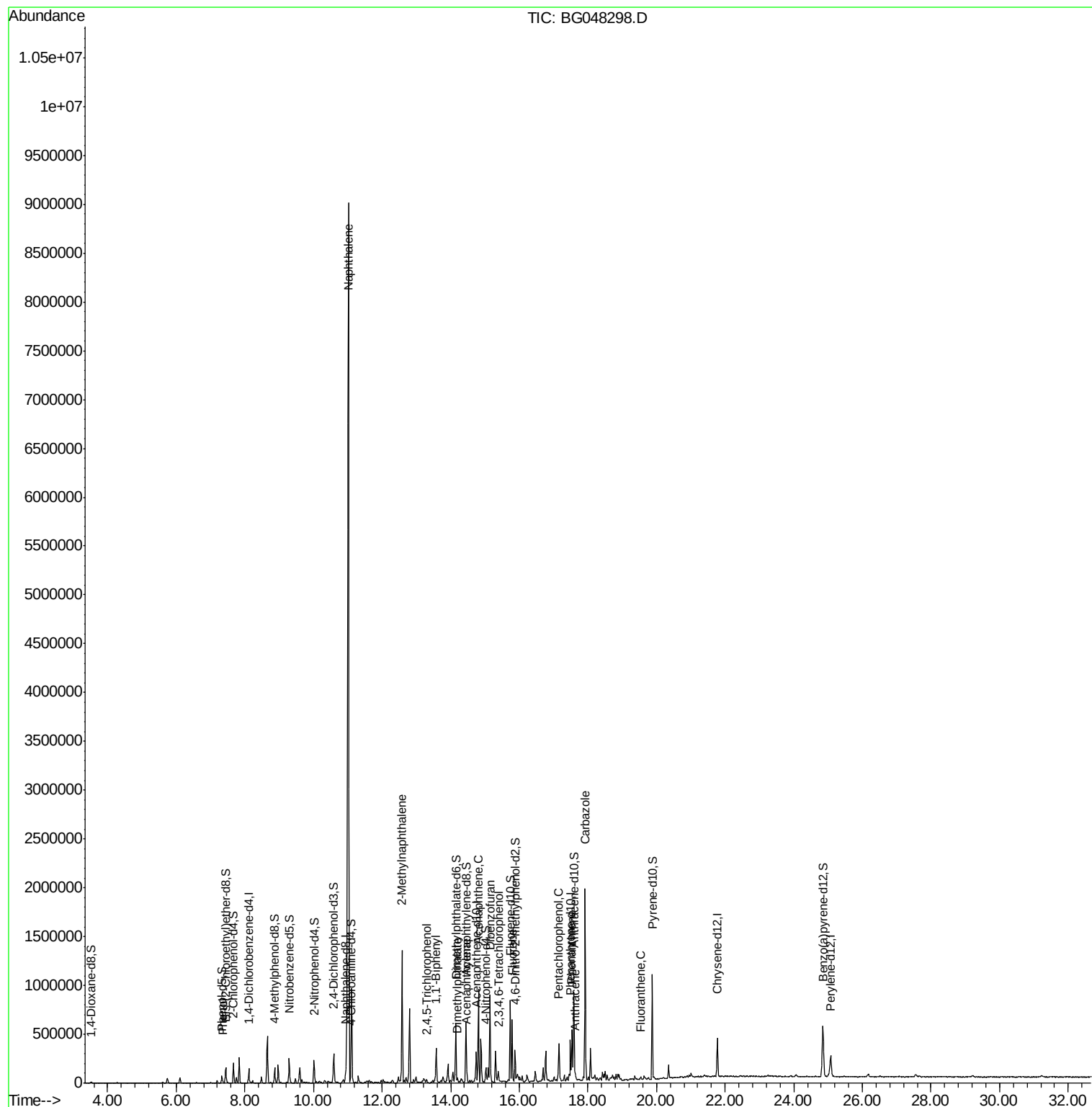
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048298.D
Acq On : 23 Feb 2021 17:39
Operator : CG/JU
Sample : M1408-10
Misc :
ALS Vial : 37 Sample Multiplier: 1

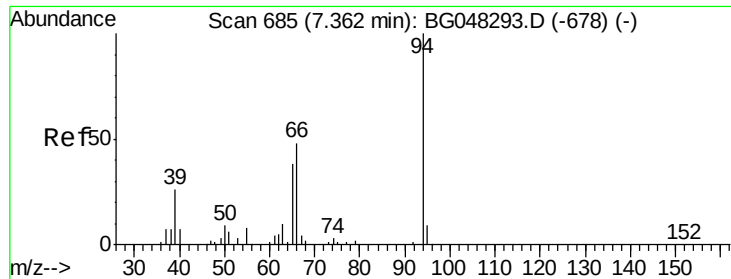
Instrument :
BNA_G
ClientSampleId :
DBGL7

Quant Time: Feb 24 05:48:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 15:02:00 2021
Response via : Initial Calibration

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#6

Phenol

Concen: 2.765 ng/ul

RT: 7.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Instrument :

BNA_G

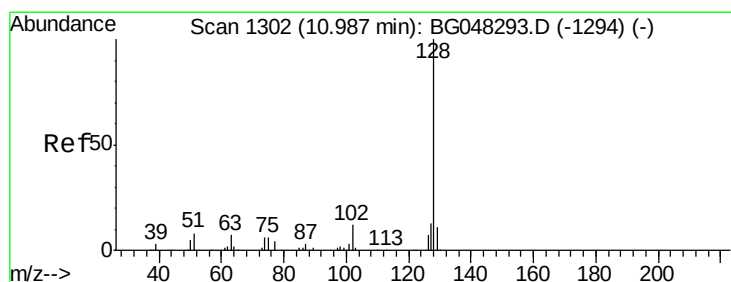
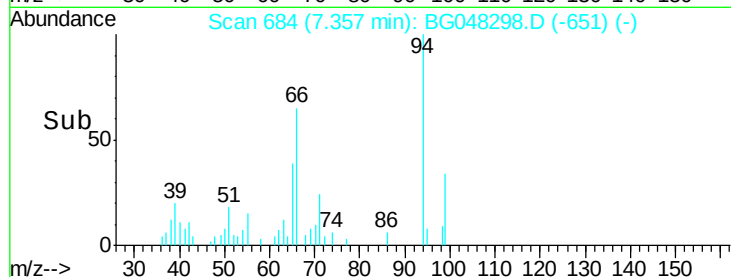
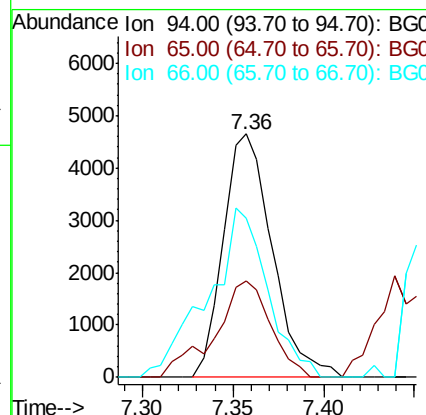
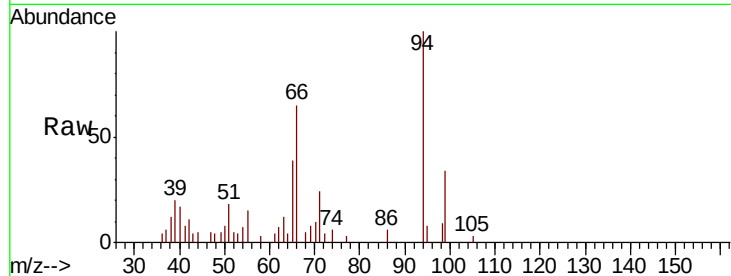
ClientSampleId :

DBG7

Tot Ion:	94	Resp:	8701
Ion Ratio	Lower	Upper	
94	100		
65	39.4	31.0	46.4
66	65.4	42.6	63.8

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#28

Naphthalene

Concen: 945.011 ng/ul

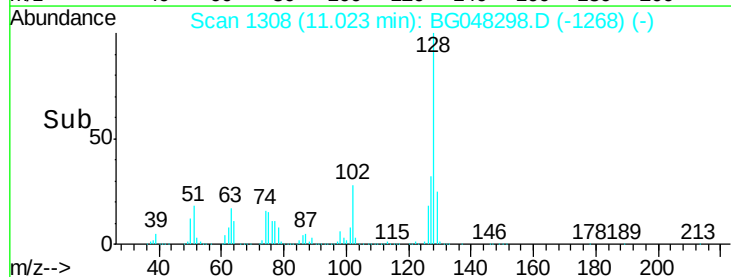
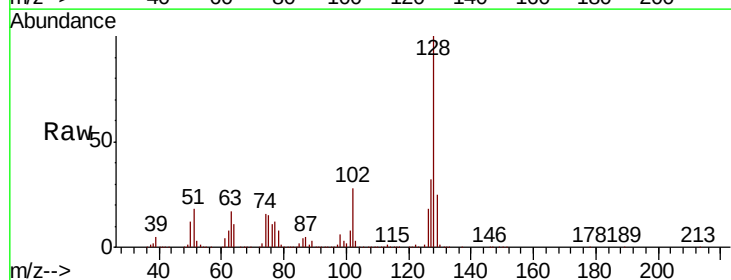
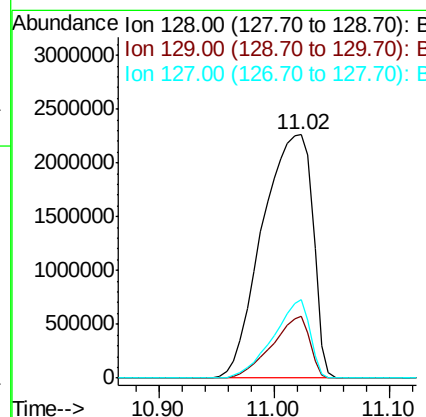
RT: 11.02 min Scan# 1308

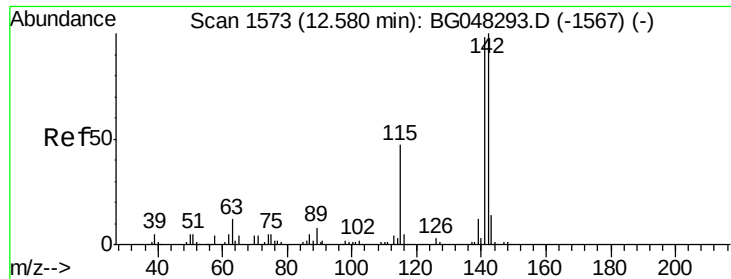
Delta R.T. 0.04 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Tgt Ion:	128	Resp:	6864673
Ion Ratio	Lower	Upper	
128	100		
129	25.4	8.8	13.2
127	32.4	10.7	16.1





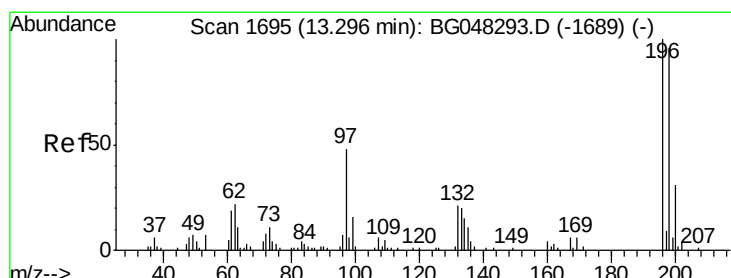
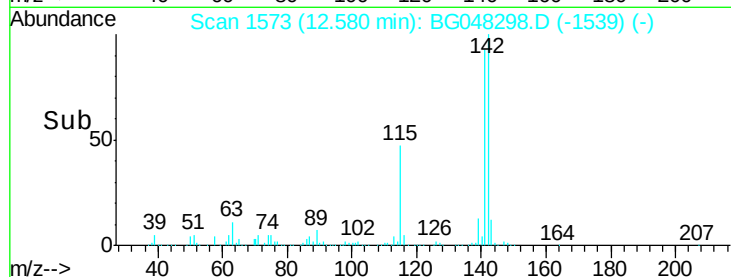
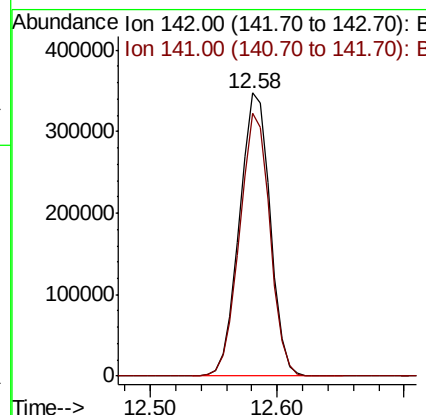
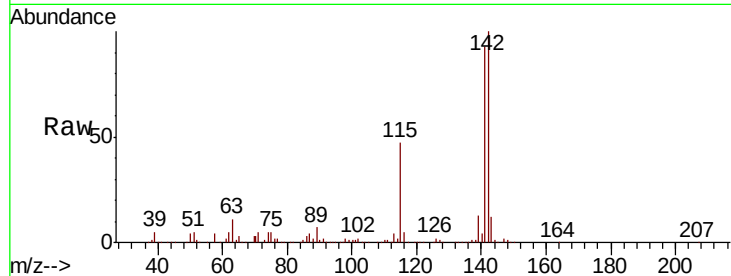
#34
 2-Methylnaphthalene
 Concen: 105.236 ng/ul
 RT: 12.58 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: BG048298.D
 Acq: 23 Feb 2021 17:39

Instrument :
 BNA_G
 ClientSampleId :
 DBGL7

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.8	78.2	117.4

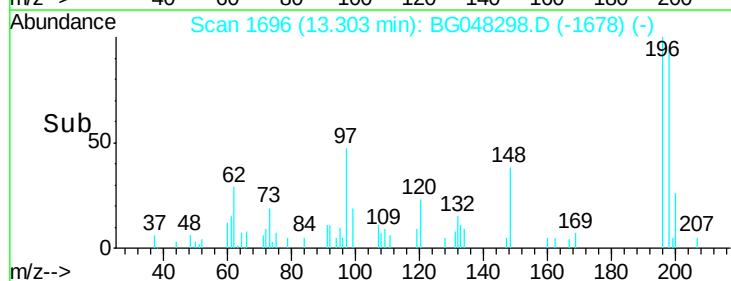
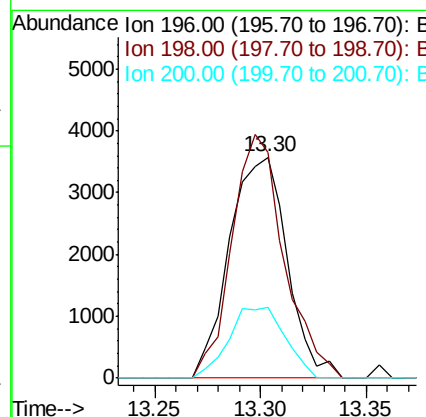
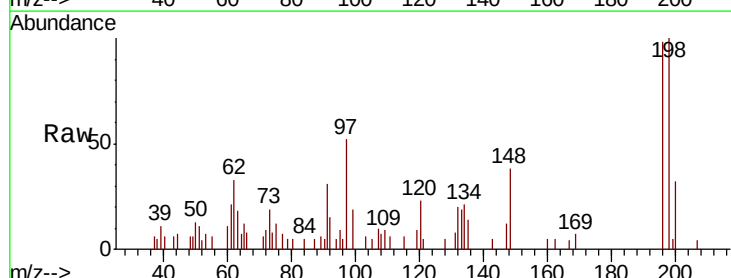
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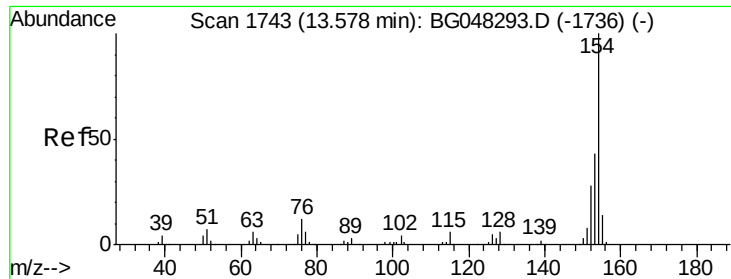
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#40
 2,4,5-Trichlorophenol
 Concen: 2.995 ng/ul
 RT: 13.30 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: BG048298.D
 Acq: 23 Feb 2021 17:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.9	76.6	114.8
200	32.3	24.5	36.7





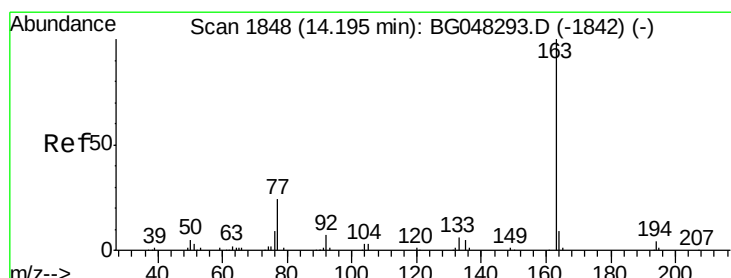
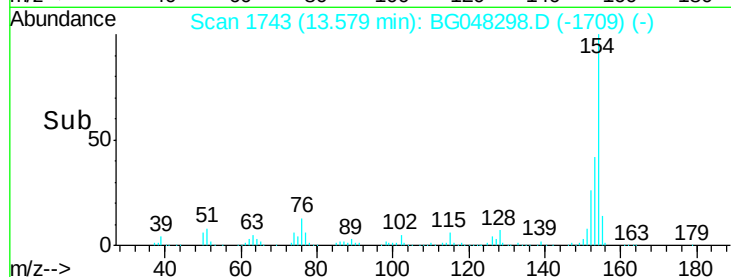
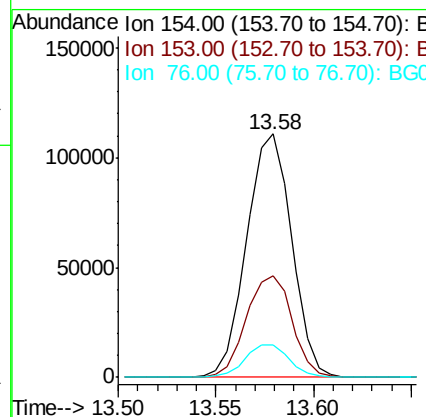
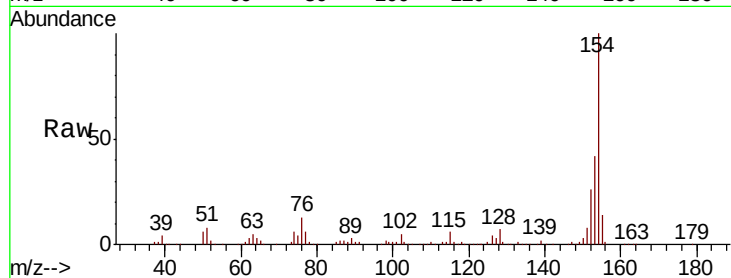
#41
 1,1'-Biphenyl
 Concen: 25.697 ng/ul
 RT: 13.58 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BG048298.D
 Acq: 23 Feb 2021 17:39

Instrument :
 BNA_G
 ClientSampled :
 DBGL7

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	34.2	51.2
76	13.1	9.7	14.5

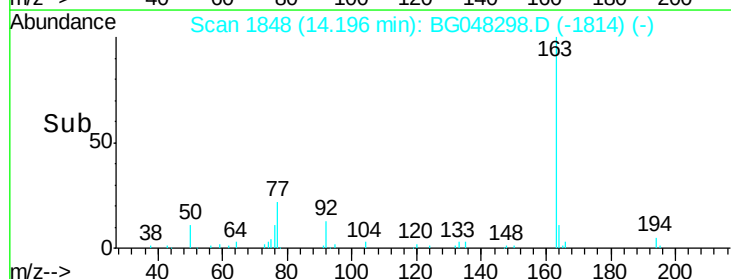
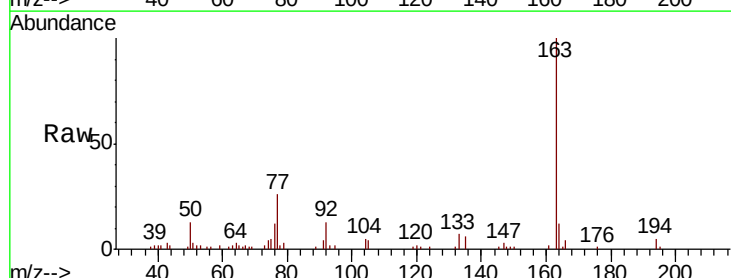
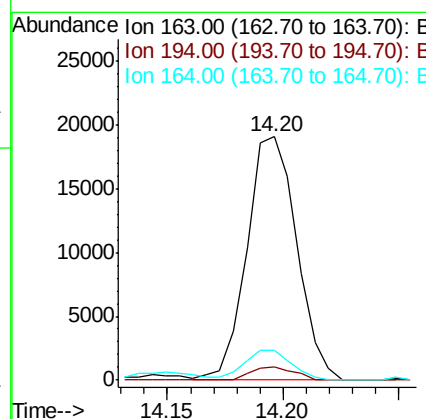
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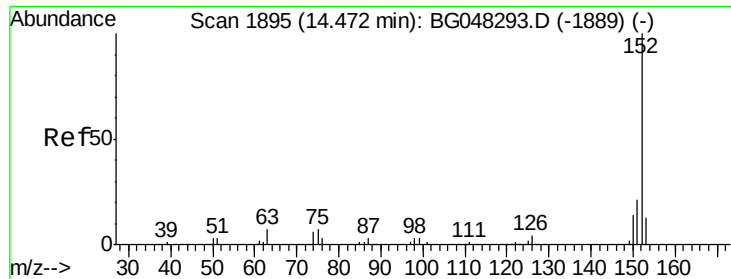
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#45
 Dimethylphthalate
 Concen: 3.717 ng/ul
 RT: 14.20 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG048298.D
 Acq: 23 Feb 2021 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.0	4.6#
164	12.4	7.5	11.3#





#48

Acenaphthylene

Concen: 6.219 ng/ul

RT: 14.47 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Instrument :

BNA_G

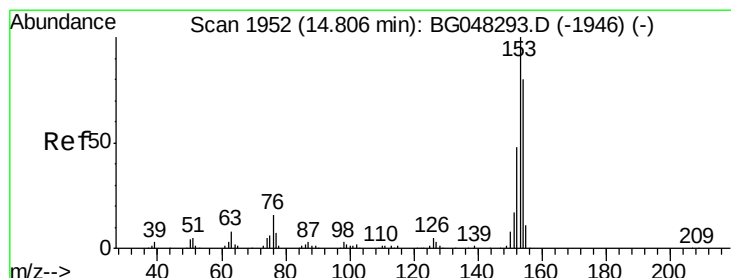
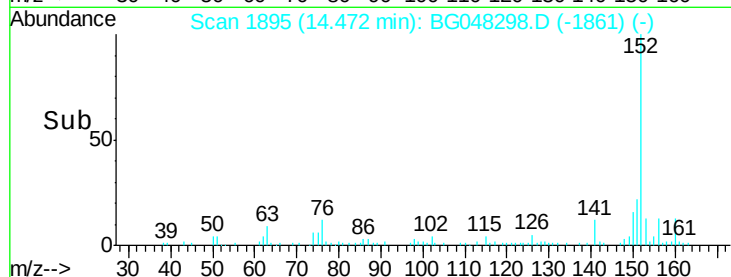
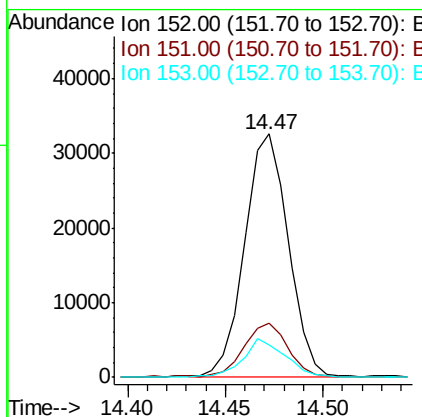
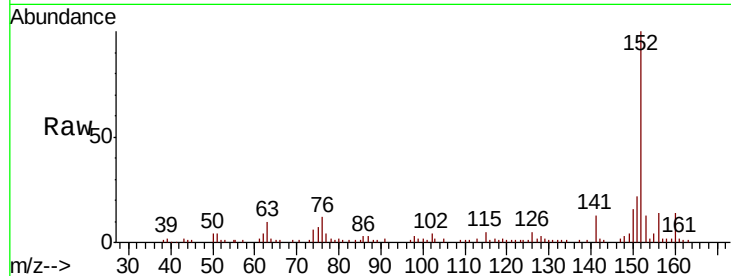
ClientSampleId :

DBG7

Tot Ion:	152	Resp:	50682
Ion Ratio	Lower	Upper	
152	100		
151	22.2	16.9	25.3
153	13.3	10.4	15.6

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#50

Acenaphthene

Concen: 65.129 ng/ul

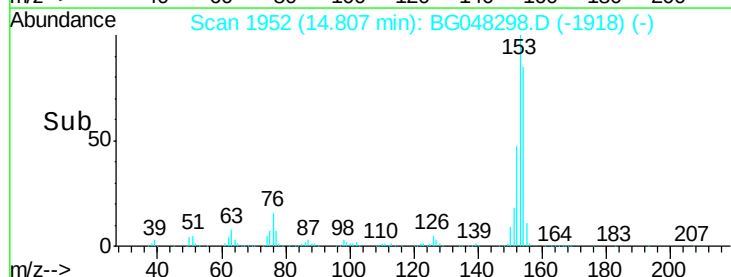
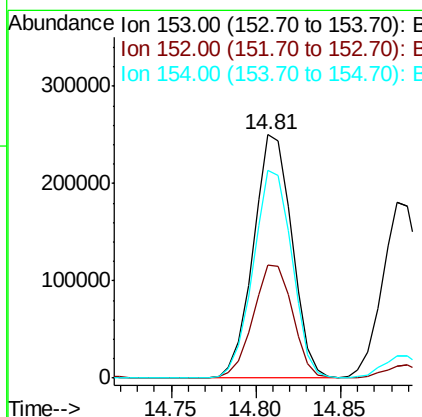
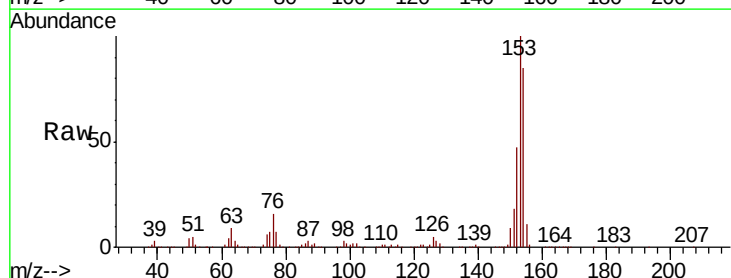
RT: 14.81 min Scan# 1952

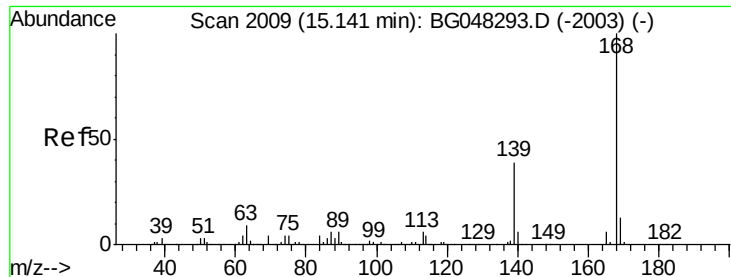
Delta R.T. 0.00 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Tgt Ion:	153	Resp:	398328
Ion Ratio	Lower	Upper	
153	100		
152	46.6	38.2	57.4
154	85.4	63.9	95.9





#54

Dibenzenofuran

Concen: 61.915 ng/ul

RT: 15.14 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Instrument :

BNA_G

ClientSampleId :

DBGL7

Tot Ion:168 Resp: 552654

Ion Ratio Lower Upper

168 100

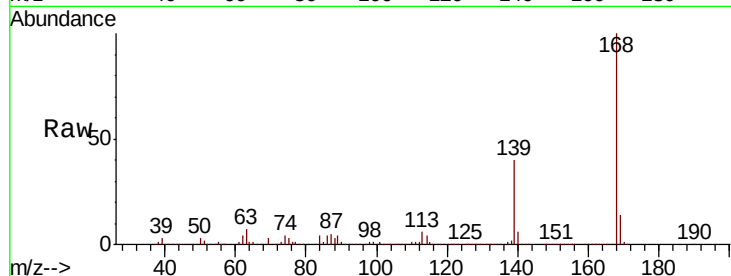
139 40.5 31.1 46.7

Manual Integrations

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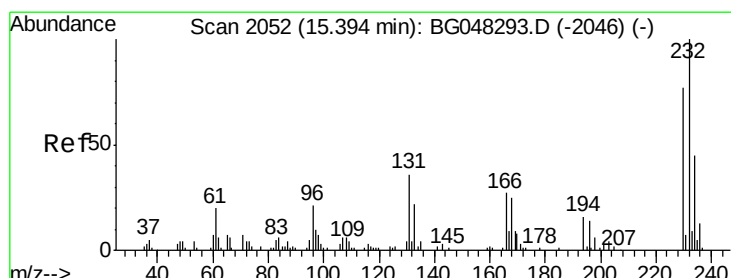
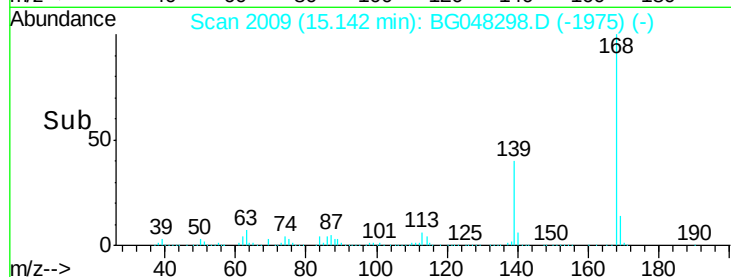
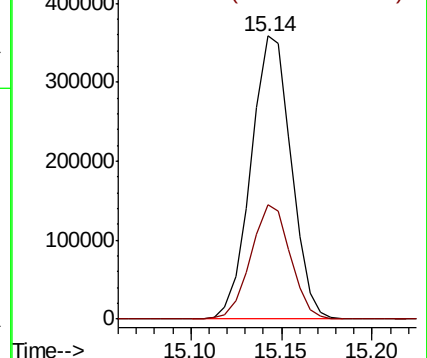
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 12.733 ng/ul

RT: 15.39 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Tgt Ion:232 Resp: 29486

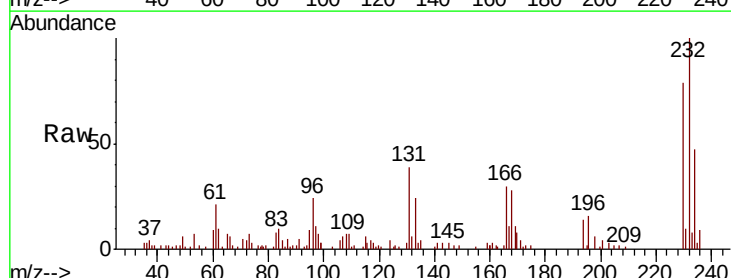
Ion Ratio Lower Upper

232 100

131 38.8 28.5 42.7

130 3.1 3.0 4.6

166 29.9 21.8 32.6

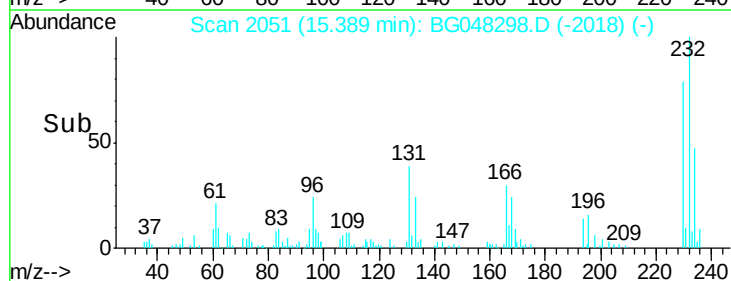
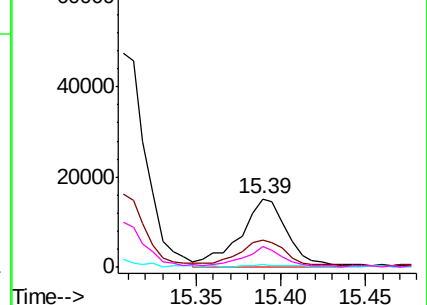


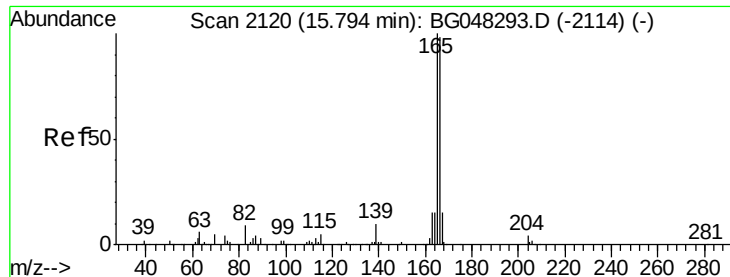
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





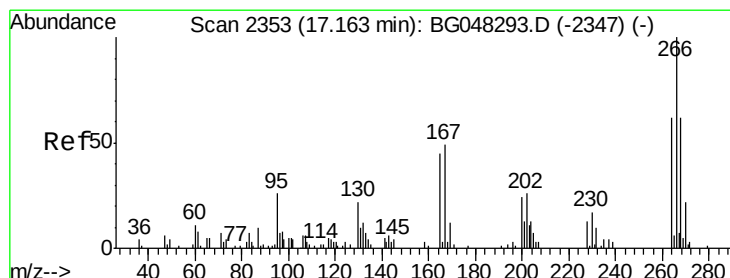
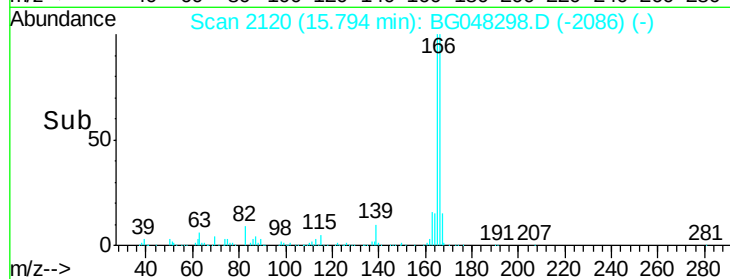
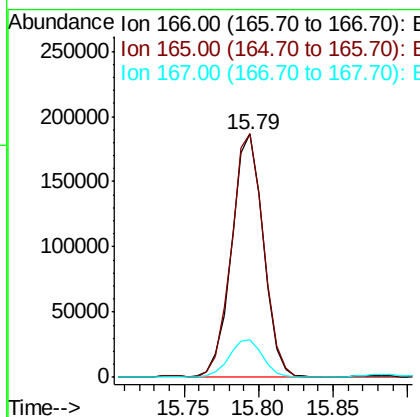
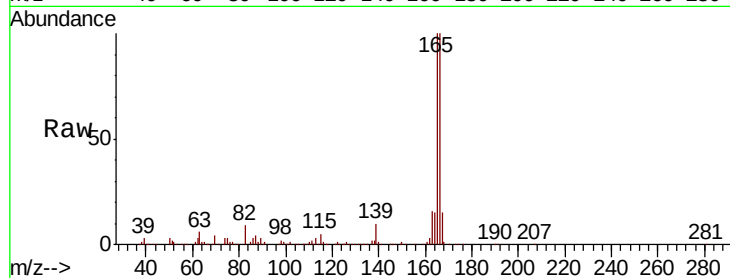
#59
Fluorene
Concen: 38.174 ng/ul
RT: 15.79 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG048298.D
Acq: 23 Feb 2021 17:39

Instrument :
BNA_G
ClientSampled :
DBG7

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	81.9	122.9	
167	15.3	12.0	18.0	

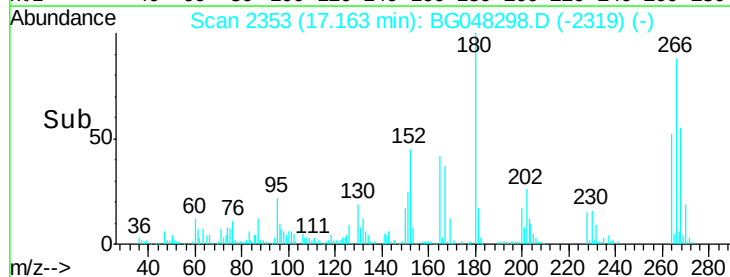
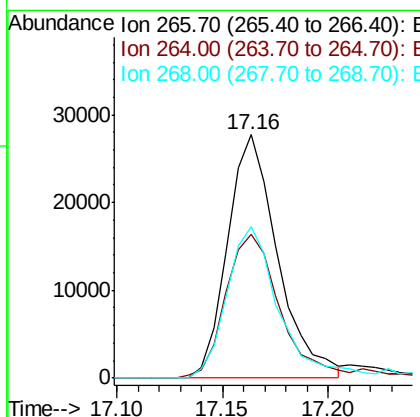
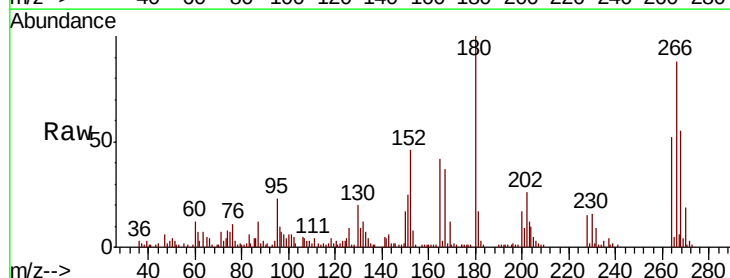
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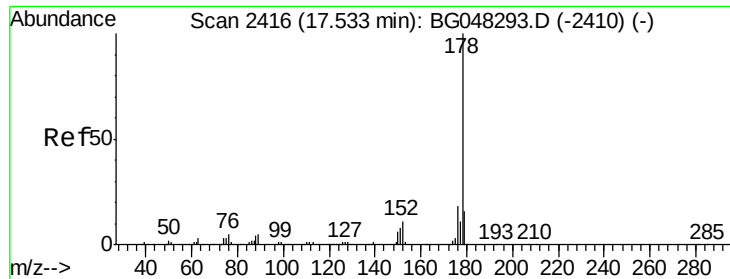
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#69
Pentachlorophenol
Concen: 27.456 ng/ul
RT: 17.16 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BG048298.D
Acq: 23 Feb 2021 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
264	59.0	49.6	74.4	
268	62.0	53.6	80.4	





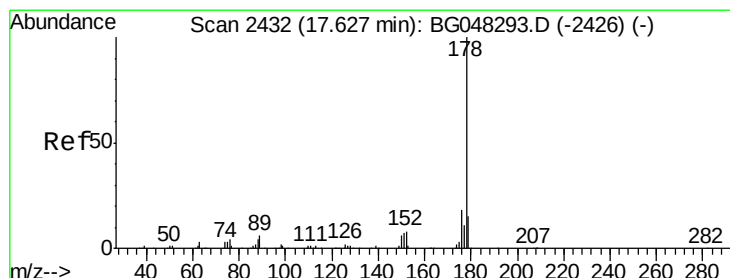
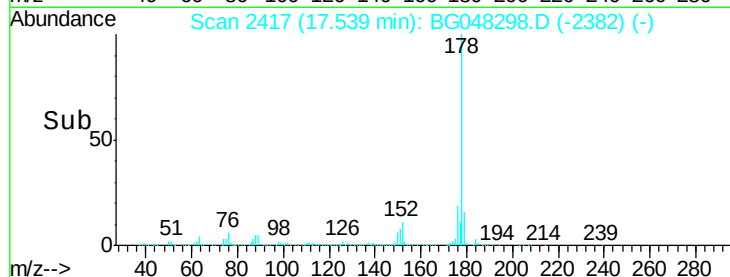
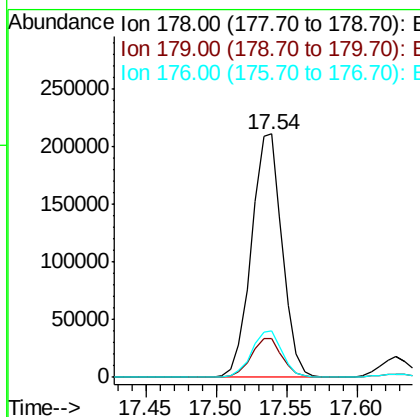
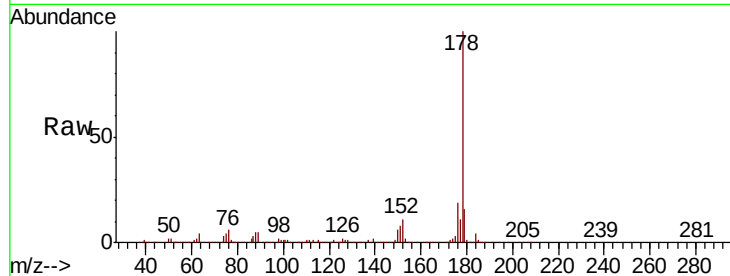
#70
Phenanthrene
Concen: 27.162 ng/ul
RT: 17.54 min Scan# 2417
Delta R.T. 0.01 min
Lab File: BG048298.D
Acq: 23 Feb 2021 17:39

Instrument :
BNA_G
ClientSampleId :
DBGL7

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	19.3	14.4	21.6

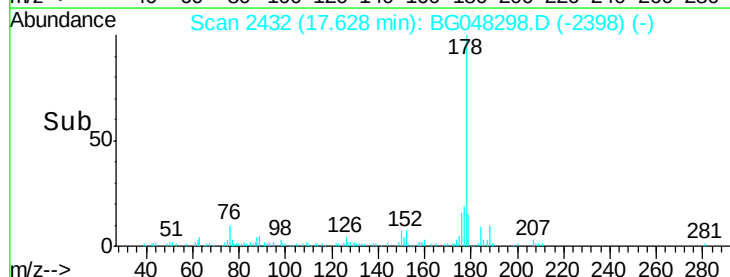
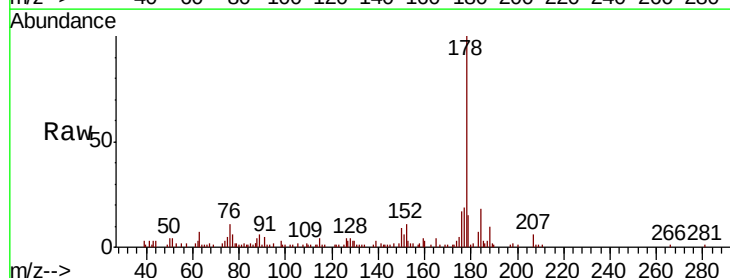
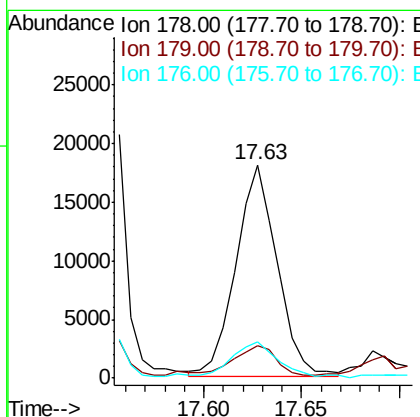
Manual Integrations
APPROVED

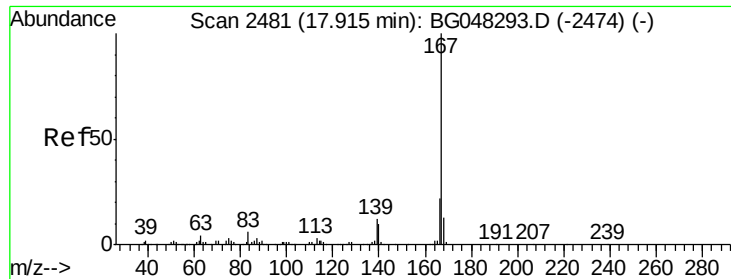
mohammad
2/24/2021 10:18:40 AM



#72
Anthracene
Concen: 2.187 ng/ul
RT: 17.63 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BG048298.D
Acq: 23 Feb 2021 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	17.2	14.6	22.0





#75

Carbazole

Concen: 127.678 ng/ul

RT: 17.92 min Scan# 2482

Delta R.T. 0.01 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

Instrument :

BNA_G

ClientSampleId :

DBGL7

Tot Ion:167 Resp: 1285312

Ion Ratio Lower Upper

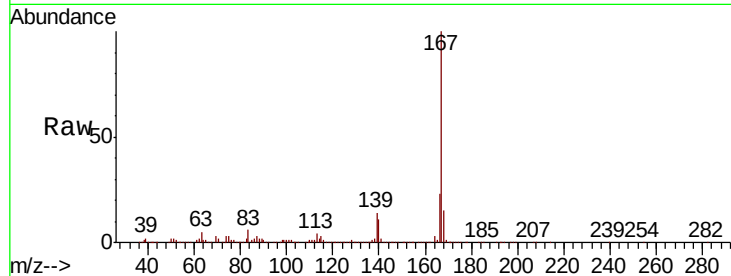
167 100

166 23.3 17.8 26.6

139 13.6 9.8 14.8

Manual Integrations
APPROVED

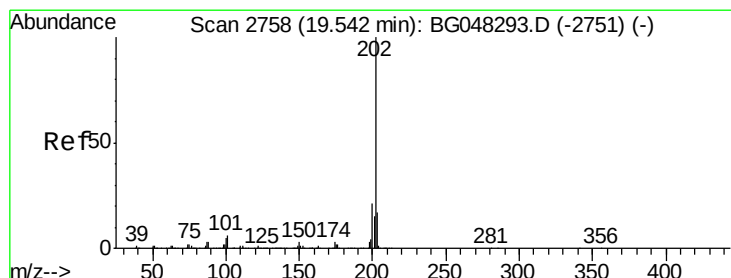
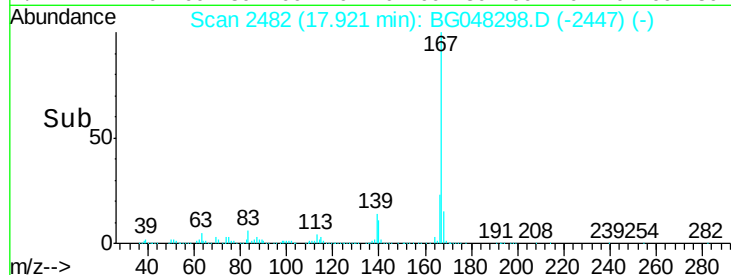
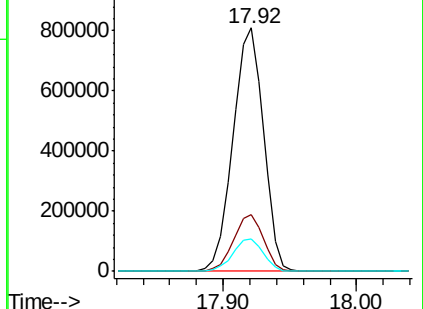
mohammad
2/24/2021 10:18:40 AM



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



#77

Fluoranthene

Concen: 1.129 ng/ul

RT: 19.54 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BG048298.D

Acq: 23 Feb 2021 17:39

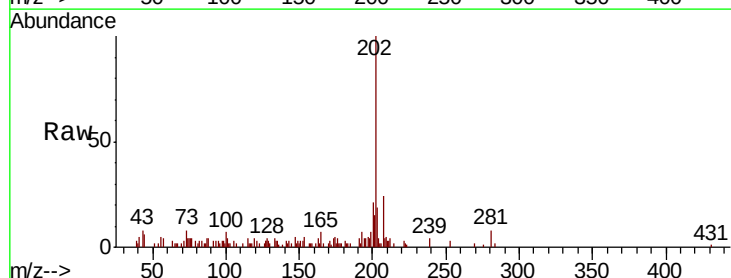
Tgt Ion:202 Resp: 16431

Ion Ratio Lower Upper

202 100

101 6.6 5.1 7.7

100 7.2 4.2 6.4#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

