

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042431.D
 Acq On : 23 Aug 2019 13:00
 Operator : HP/JU
 Sample : PB122423BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Manual Integrations
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 8/26/2019 2:01:45 PM

Quant Time: Aug 23 17:52:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	90085	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	369645	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	218342	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	460593	20.00	ng	0.00
76) Chrysene-d12	21.69	240	455485	20.00	ng	0.00
87) Perylene-d12	24.94	264	536274	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	584658	131.44	ng	0.00
7) Phenol-d6	7.17	99	722429	120.24	ng	0.00
23) Nitrobenzene-d5	9.17	82	350507	65.53	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	282802	91.13	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	846491	65.57	ng	0.00
79) Terphenyl-d14	20.03	244	1380925	65.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	75753	40.810	ng	# 95
3) Pyridine	3.82	79	183089	38.466	ng	96
4) n-Nitrosodimethylamine	3.73	42	69616	40.950	ng	79
6) Aniline	7.32	93	283785	35.413	ng	99
8) 2-Chlorophenol	7.56	128	252671	46.872	ng	96
9) Benzaldehyde	7.13	77	164511	54.691	ng	97
10) Phenol	7.19	94	292961	47.957	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	222054	46.284	ng	99
12) 1,3-Dichlorobenzene	7.89	146	271420	39.579	ng	99
13) 1,4-Dichlorobenzene	8.03	146	275736	39.696	ng	97
14) 1,2-Dichlorobenzene	8.36	146	262642	39.483	ng	99
15) Benzyl Alcohol	8.24	79	177934	41.164	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	278773	42.871	ng	100
17) 2-Methylphenol	8.45	107	204950	45.550	ng	95
18) Hexachloroethane	9.09	117	91252	38.373	ng	91
19) n-Nitroso-di-n-propylamine	8.81	70	158756	40.785	ng	98
20) 3+4-Methylphenols	8.79	107	275793	44.296	ng	98
22) Acetophenone	8.83	105	330783	41.839	ng	# 98
24) Nitrobenzene	9.21	77	226563	41.827	ng	98
25) Isophorone	9.74	82	425703	40.326	ng	97
26) 2-Nitrophenol	9.93	139	143435	42.255	ng	94
27) 2,4-Dimethylphenol	9.99	122	224837	48.084	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	278014	41.784	ng	99
29) 2,4-Dichlorophenol	10.48	162	250147	40.889	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	266520	35.493	ng	98
31) Naphthalene	10.87	128	706647	41.176	ng	99
32) Benzoic acid	10.14	122	120883	37.728	ng	99
33) 4-Chloroaniline	10.98	127	179144	22.613	ng	99
34) Hexachlorobutadiene	11.17	225	159972	31.699	ng	98
35) Caprolactam	11.75	113	75622m	37.045	ng	
36) 4-Chloro-3-methylphenol	12.12	107	211229	36.372	ng	96
37) 2-Methylnaphthalene	12.49	142	506302	36.742	ng	99
38) 1-Methylnaphthalene	12.71	142	453988	34.684	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	274760	39.186	ng	# 98

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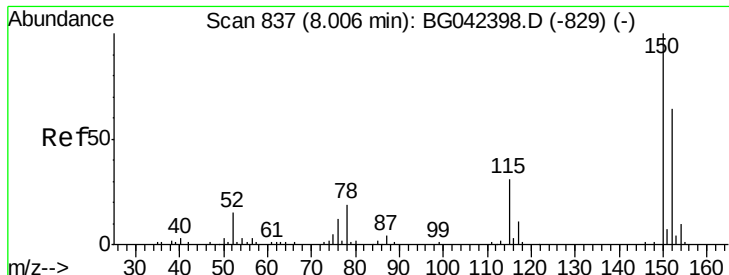
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	326226	88.572	nq	99
43) 2,4,6-Trichlorophenol	13.10	196	193035	40.729	nq	94
44) 2,4,5-Trichlorophenol	13.18	196	199300	40.579	nq	97
46) 1,1'-Biphenyl	13.49	154	589014	41.733	nq	98
47) 2-Chloronaphthalene	13.54	162	469443	38.574	nq	99
48) 2-Nitroaniline	13.74	65	114388	38.978	nq	98
49) Acenaphthylene	14.39	152	801443	43.773	nq	98
50) Dimethylphthalate	14.12	163	581949	36.939	nq	99
51) 2,6-Dinitrotoluene	14.23	165	154731	42.372	nq	97
52) Acenaphthene	14.73	154	445488	40.071	nq	99
53) 3-Nitroaniline	14.56	138	100939	27.639	nq	99
54) 2,4-Dinitrophenol	14.78	184	149060	62.076	nq	96
55) Dibenzofuran	15.06	168	712462	38.715	nq	99
56) 4-Nitrophenol	14.89	139	228915	88.212	nq	90
57) 2,4-Dinitrotoluene	15.03	165	196845	37.644	nq	97
58) Fluorene	15.71	166	593142	39.429	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	177836	36.614	nq	# 88
60) Diethylphthalate	15.48	149	555034	36.040	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	328269	36.200	nq	100
62) 4-Nitroaniline	15.73	138	157234	40.228	nq	92
63) Azobenzene	16.00	77	457567	43.360	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	125998	43.632	nq	98
66) n-Nitrosodiphenylamine	15.92	169	551226	43.518	nq	97
67) 4-Bromophenyl-phenylether	16.60	248	216101	36.989	nq	98
68) Hexachlorobenzene	16.72	284	219954	34.633	nq	# 94
69) Atrazine	16.87	200	184426	41.173	nq	99
70) Pentachlorophenol	17.07	266	266295	80.698	nq	99
71) Phenanthrene	17.46	178	970360	42.414	nq	98
72) Anthracene	17.55	178	1058921	46.364	nq	98
73) Carbazole	17.82	167	911583	44.783	nq	99
74) Di-n-butylphthalate	18.38	149	981282	40.781	nq	99
75) Fluoranthene	19.47	202	1153706	41.320	nq	98
77) Benzidine	19.64	184	729181	55.838	nq	99
78) Pyrene	19.83	202	1158109	41.471	nq	99
80) Butylbenzylphthalate	20.71	149	494694	45.039	nq	97
81) Benzo(a)anthracene	21.67	228	1133135	40.896	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	331888	29.783	nq	# 97
83) Chrysene	21.74	228	1114252	41.698	nq	97
84) Bis(2-ethylhexyl)phthalate	21.58	149	697088	45.710	nq	100
85) Di-n-octyl phthalate	22.79	149	1174911	44.794	nq	100
86) Indeno(1,2,3-cd)pyrene	28.66	276	1441087	39.684	nq	# 92
88) Benzo(b)fluoranthene	23.91	252	1226175	41.590	nq	98
89) Benzo(k)fluoranthene	23.97	252	1214206m	42.846	nq	
90) Benzo(a)pyrene	24.79	252	1214826	43.423	nq	# 98
91) Dibenzo(a,h)anthracene	28.71	278	1191008	42.046	nq	# 97
92) Benzo(g,h,i)perylene	29.80	276	1187590	41.919	nq	# 95

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



#1

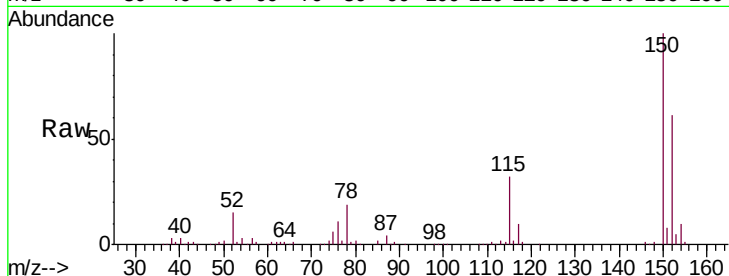
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

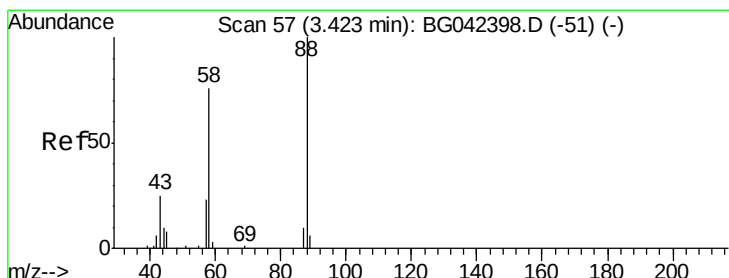
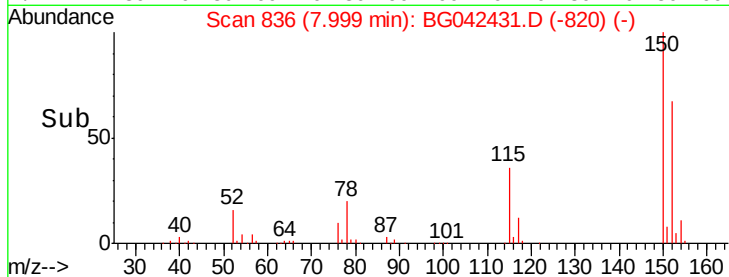
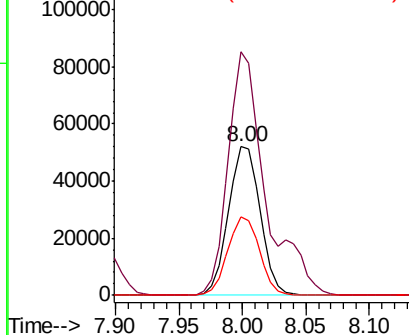
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.8	125.4	188.0
115	52.9	38.5	57.7

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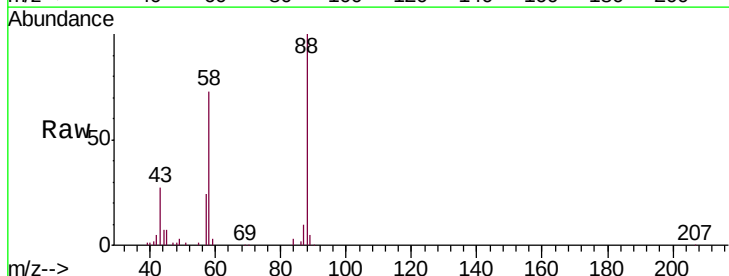
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



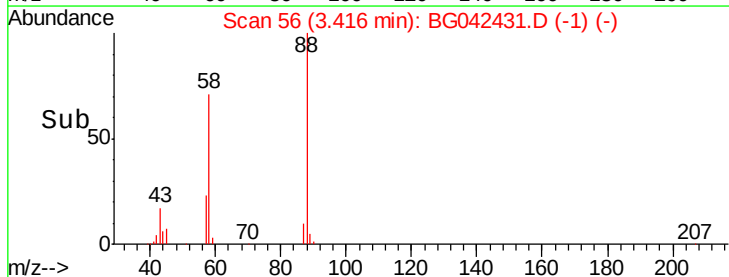
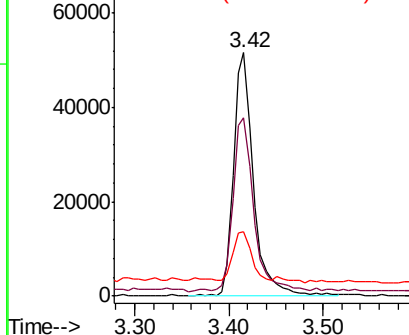
#2

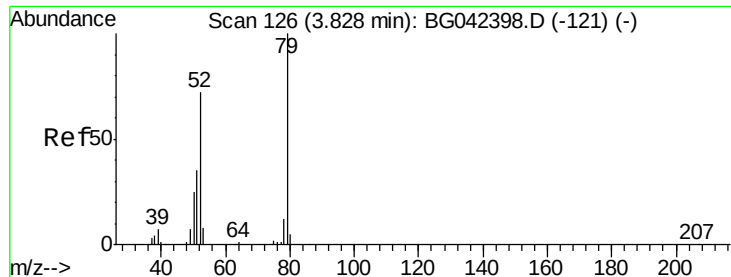
1,4-Dioxane
Concen: 40.810 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	58.3	87.5
43	18.2	20.2	30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.466 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

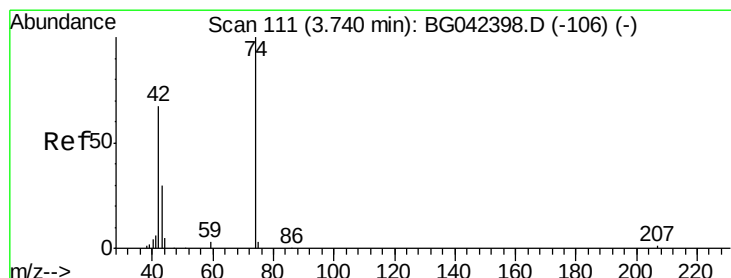
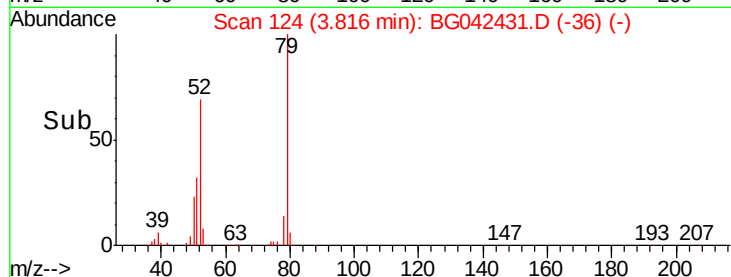
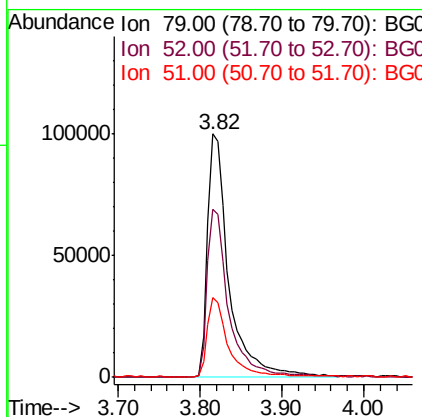
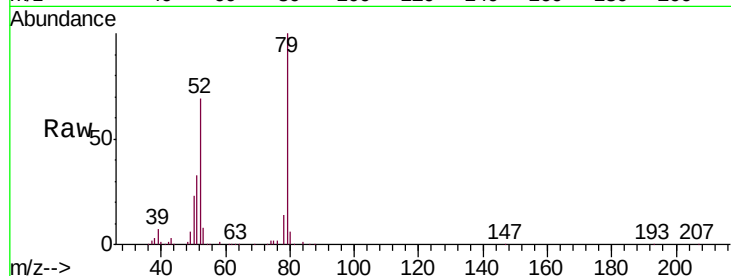
ClientSampled :

PB122423BSD

Tot Ion:	79	Resp:	183089
Ion Ratio	Lower	Upper	
79	100		
52	69.0	57.7	86.5
51	32.5	28.8	43.2

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#4

n-Nitrosodimethylamine

Concen: 40.950 ng

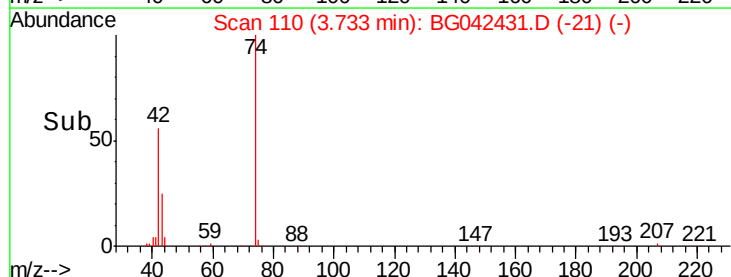
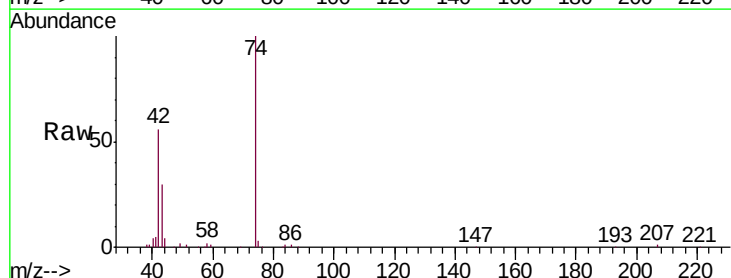
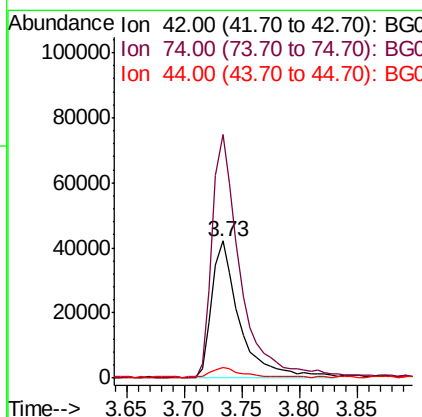
RT: 3.73 min Scan# 110

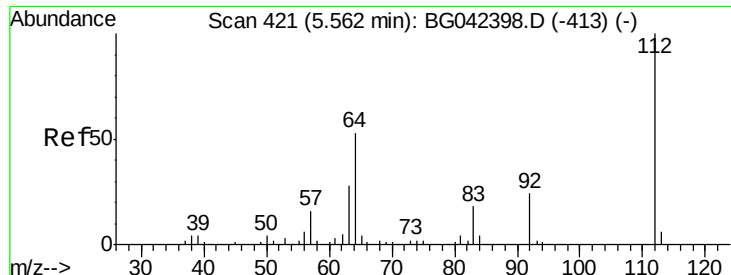
Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	42	Resp:	69616
Ion Ratio	Lower	Upper	
42	100		
74	177.5	119.6	179.4
44	7.8	6.5	9.7





#5

2-Fluorophenol

Concen: 131.443 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

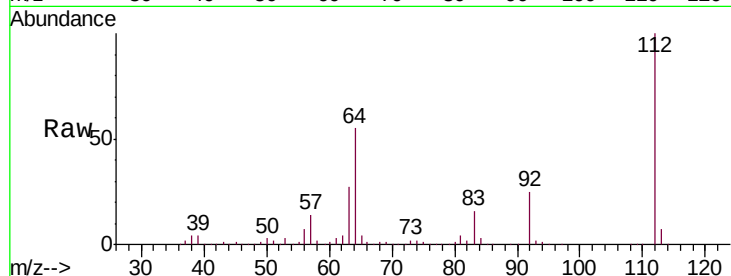
ClientSampleId :

PB122423BSD

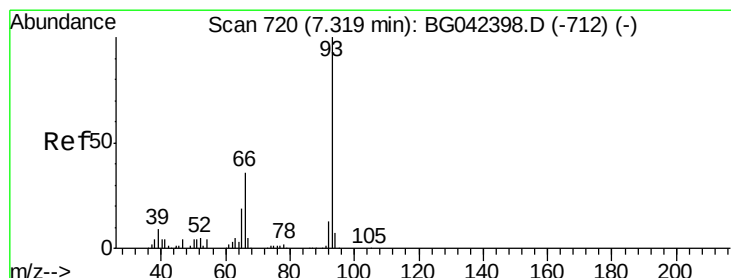
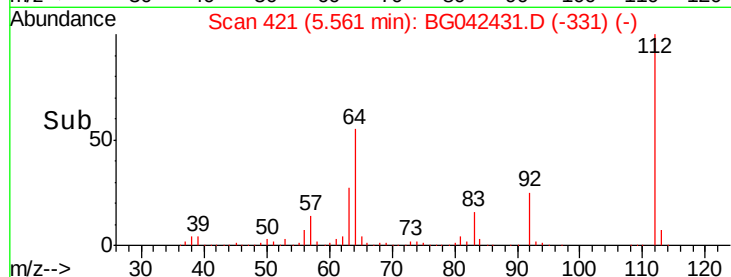
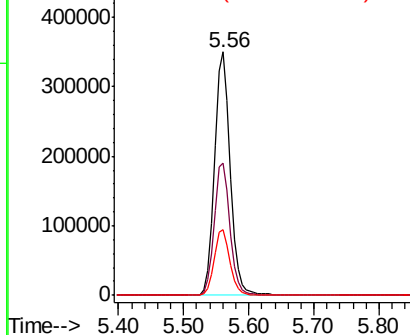
Tot Ion:	112	Resp:	584658
Ion Ratio	Lower	Upper	
112	100		
64	54.5	42.8	64.2
63	27.1	22.7	34.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.413 ng

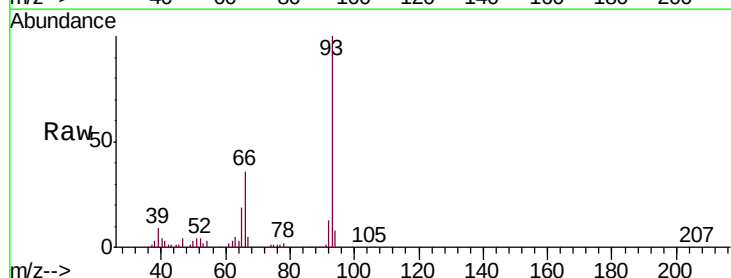
RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

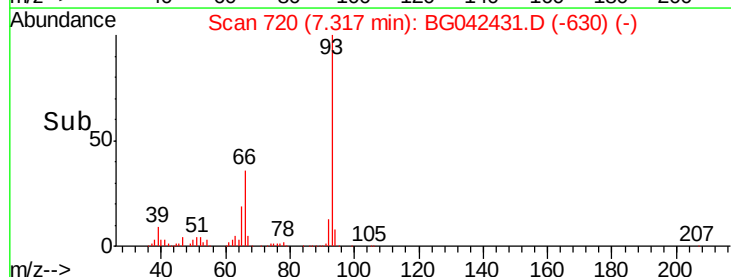
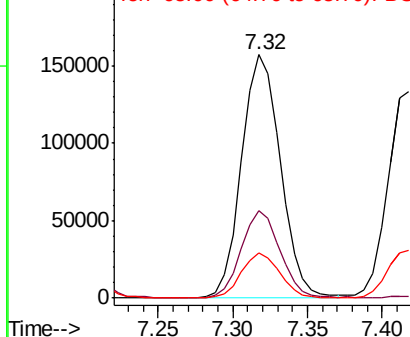
Lab File: BG042431.D

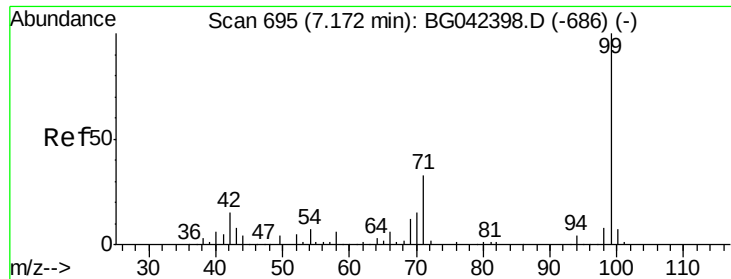
Acq: 23 Aug 2019 13:00

Tgt Ion:	93	Resp:	283785
Ion Ratio	Lower	Upper	
93	100		
66	36.2	29.0	43.6
65	18.5	15.2	22.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 120.240 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

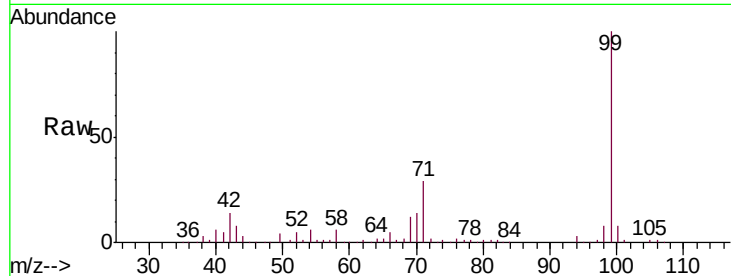
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		722429		
42	13.5	12.0	18.0		
71	28.5	26.3	39.5		

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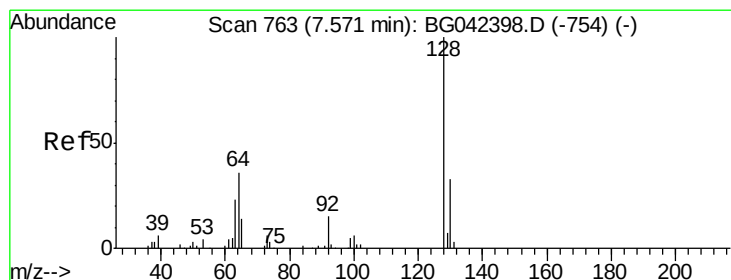
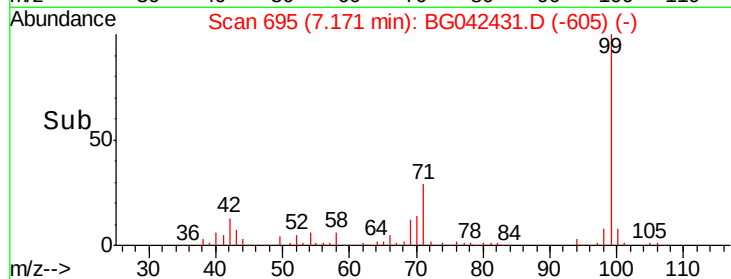
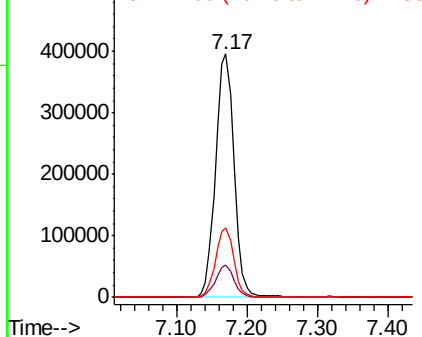


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.872 ng

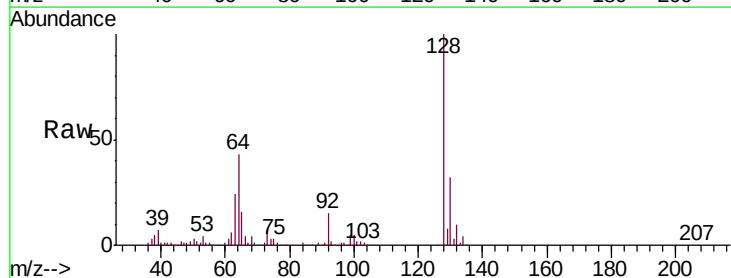
RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		252671		
130	32.4	12.8	52.8		
64	43.0	19.2	59.2		

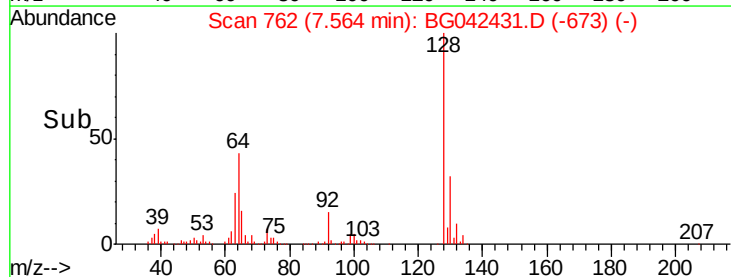
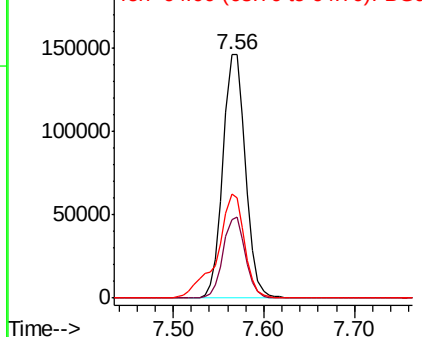


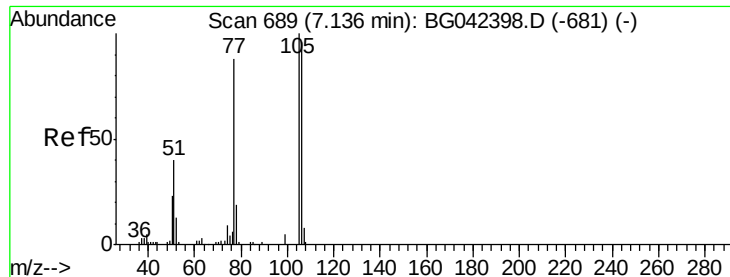
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 54.691 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

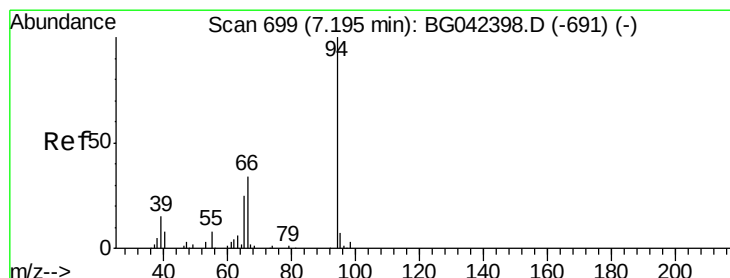
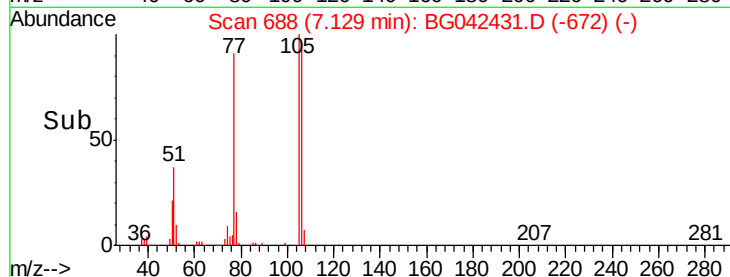
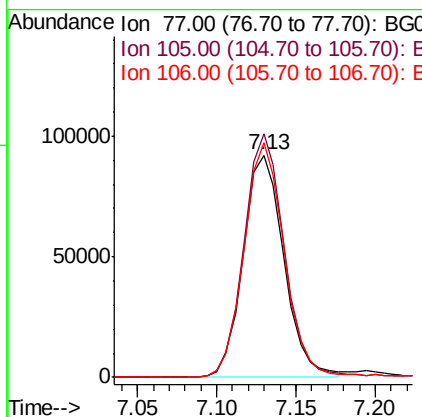
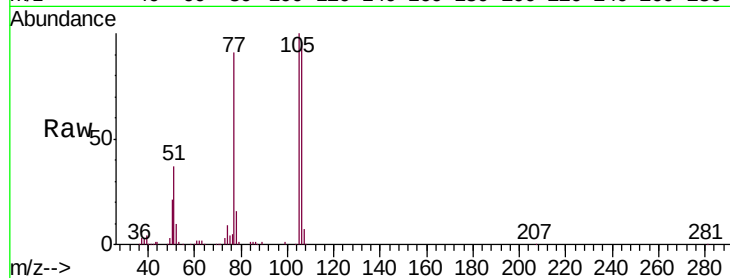
ClientSampled :

PB122423BSD

Tot Ion:	77	Resp:	164511
Ion	Ratio	Lower	Upper
77	100		
105	109.7	93.4	133.4
106	105.7	88.4	128.4

Manual Integrations
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#10

Phenol

Concen: 47.957 ng

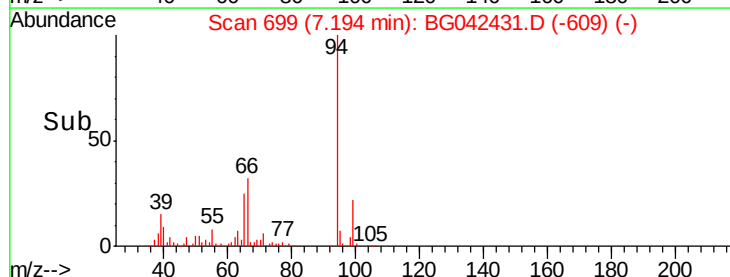
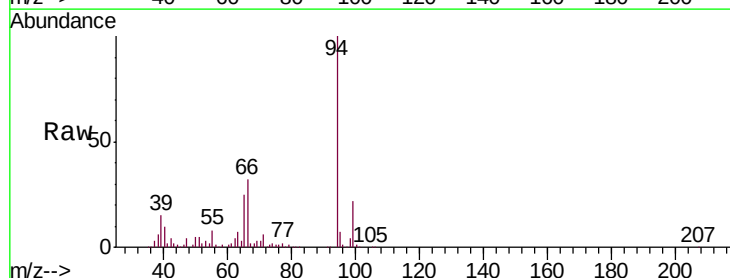
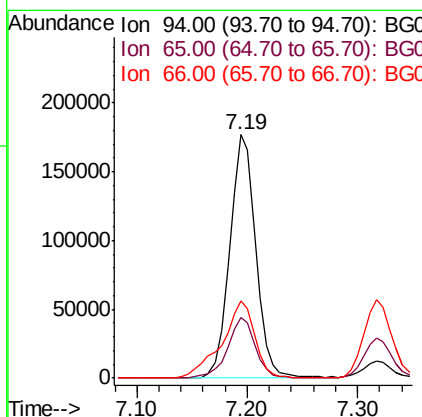
RT: 7.19 min Scan# 699

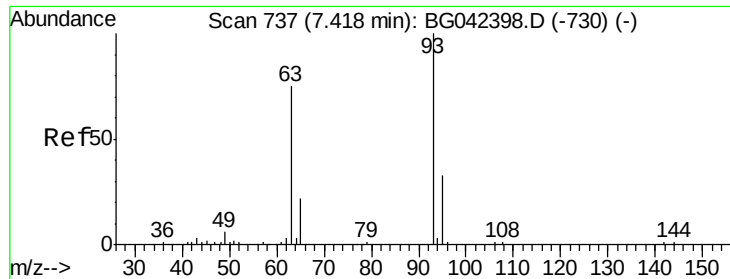
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	94	Resp:	292961
Ion	Ratio	Lower	Upper
94	100		
65	24.8	5.6	45.6
66	31.6	16.0	56.0





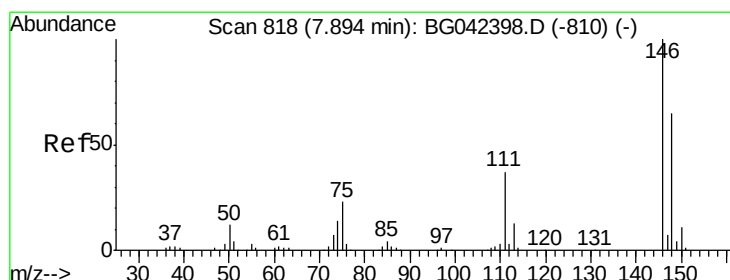
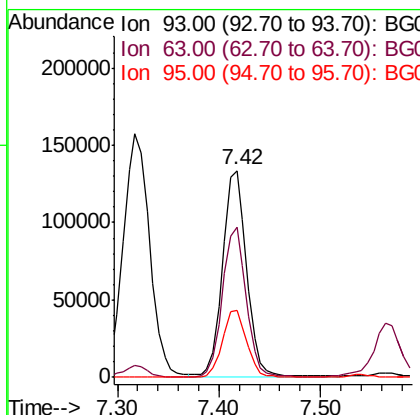
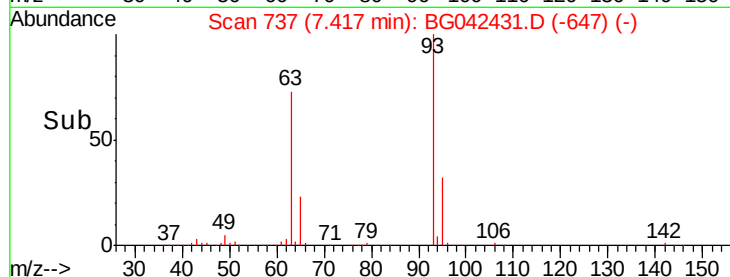
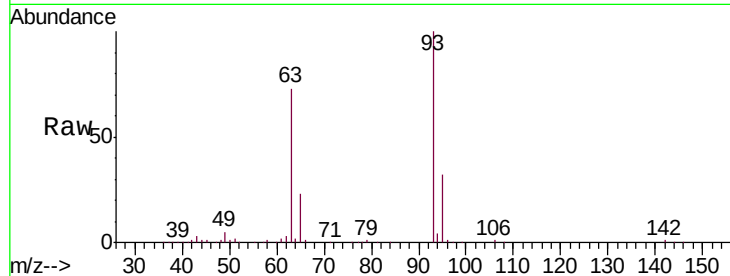
#11
bis(2-Chloroethyl)ether
Concen: 46.284 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	93	Resp	222054
Ion Ratio	Lower	Upper	
93	100		
63	72.8	53.8	93.8
95	32.2	13.1	53.1

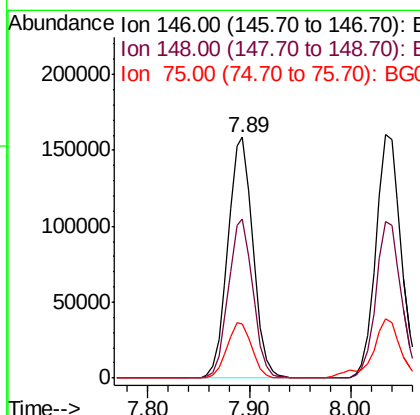
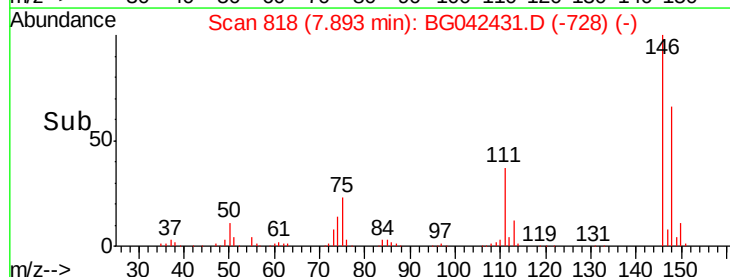
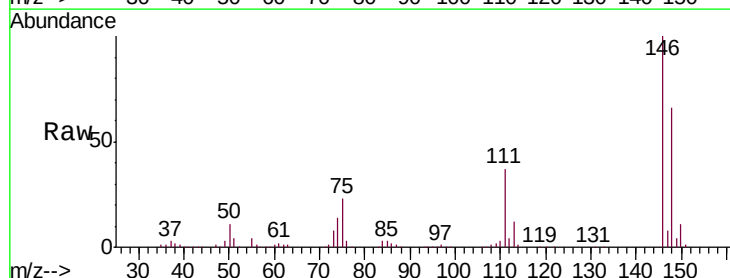
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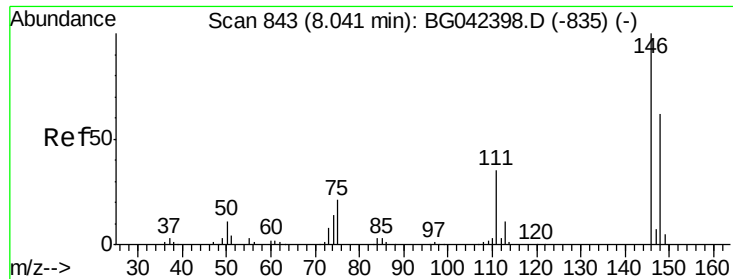
Jagrut
8/26/2019 2:01:45 PM



#12
1,3-Dichlorobenzene
Concen: 39.579 ng
RT: 7.89 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	146	Resp	271420
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.2	78.2
75	22.6	18.0	27.0





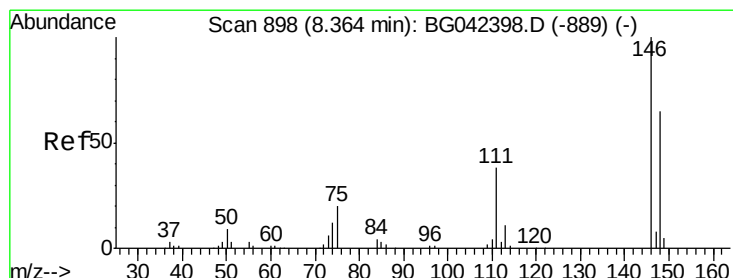
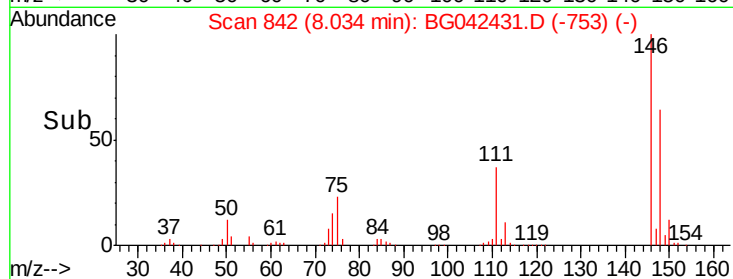
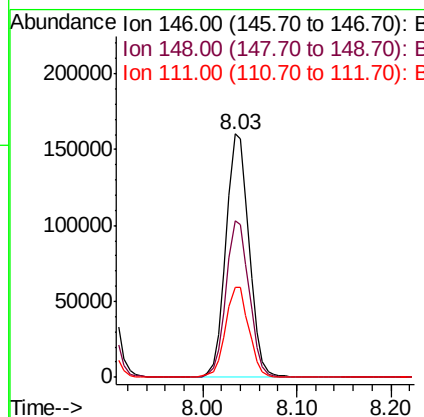
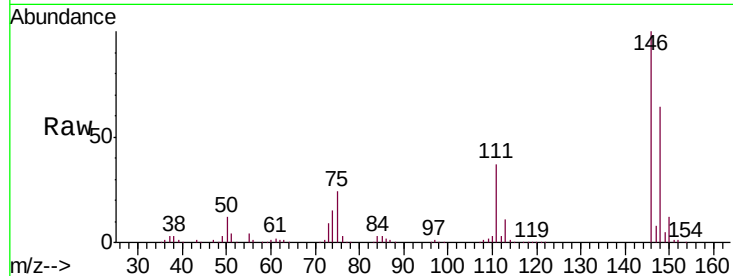
#13
 1,4-Dichlorobenzene
 Concen: 39.696 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	49.5	74.3
111	37.2	28.1	42.1

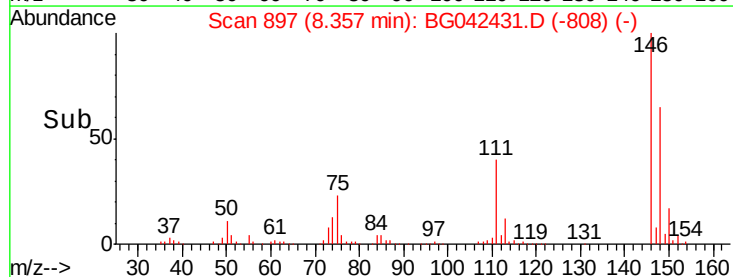
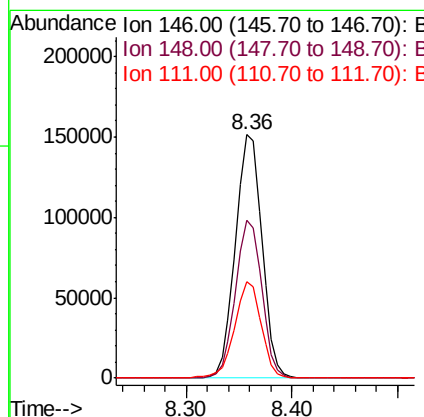
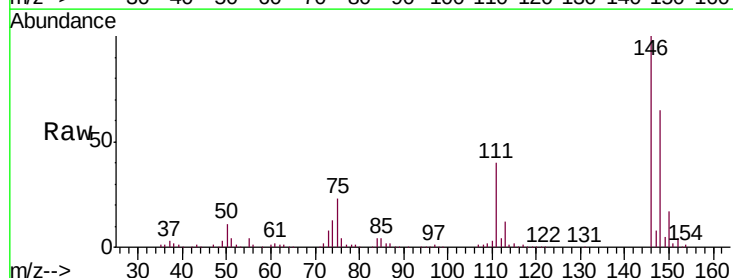
Manual Integrations
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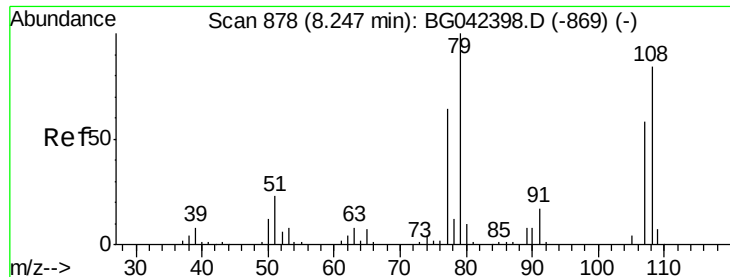
Jagrut
 8/26/2019 2:01:45 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.483 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
111	39.6	30.9	46.3





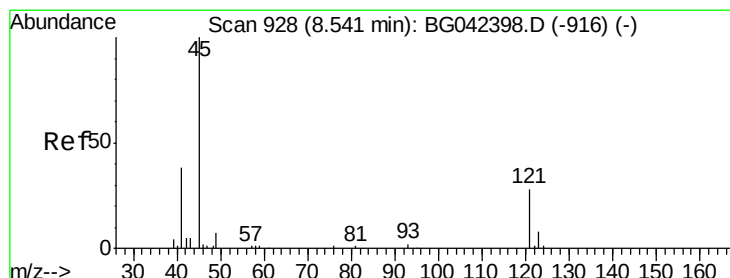
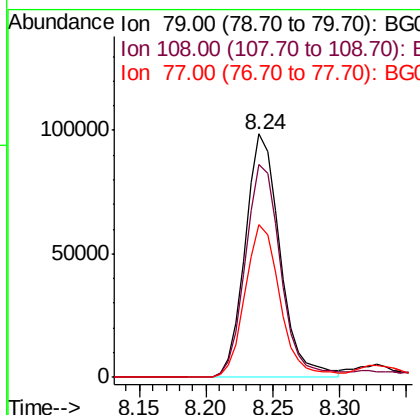
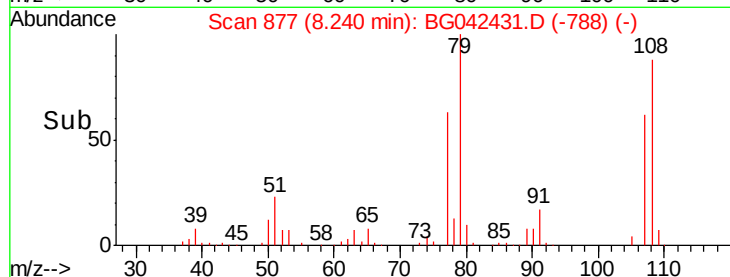
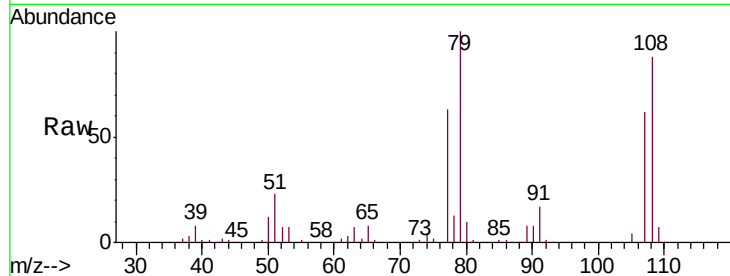
#15
Benzyl Alcohol
Concen: 41.164 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampled :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.5	67.4	101.2
77	62.8	50.8	76.2

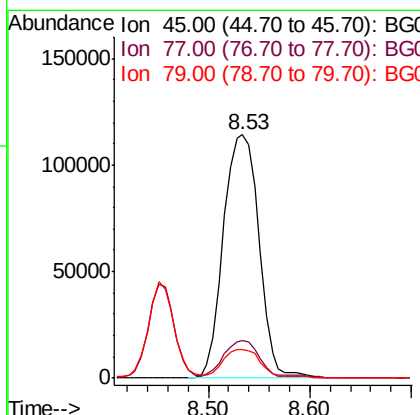
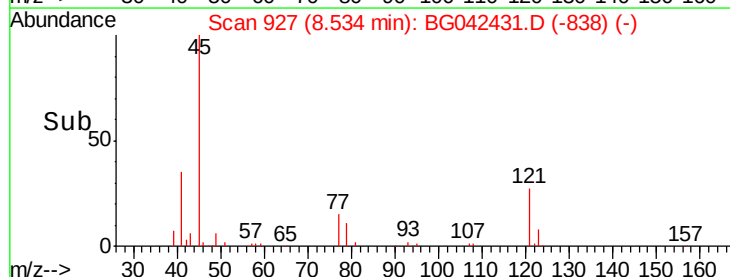
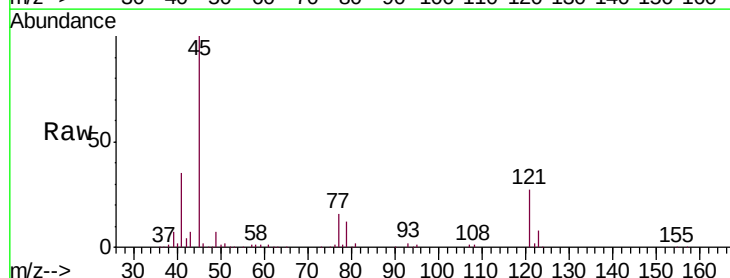
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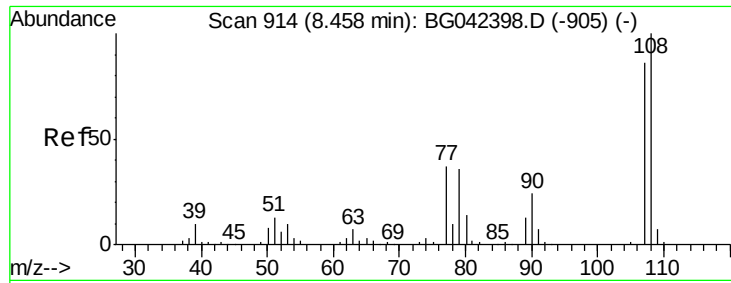
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.871 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.6
79	11.7	0.0	31.6





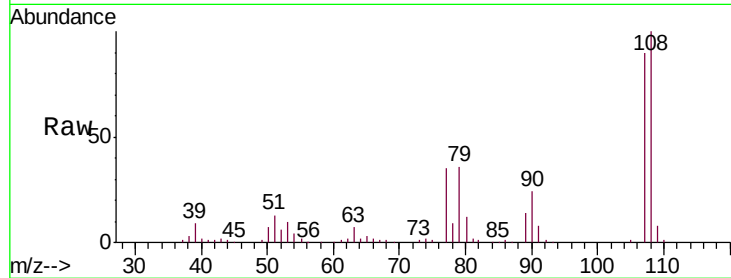
#17
2-Methylphenol
Concen: 45.550 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	92.9	139.3	
77	38.4	34.4	51.6	
79	39.5	33.8	50.6	

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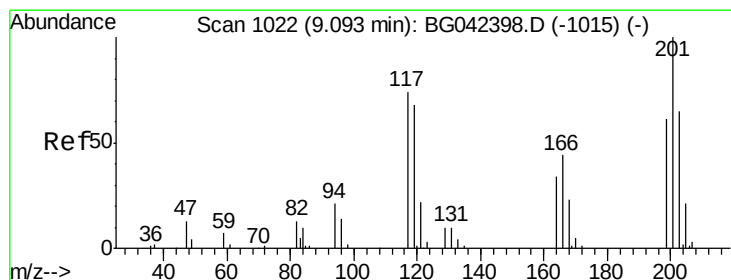
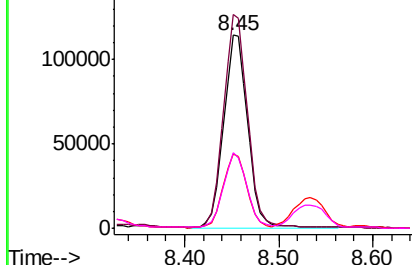
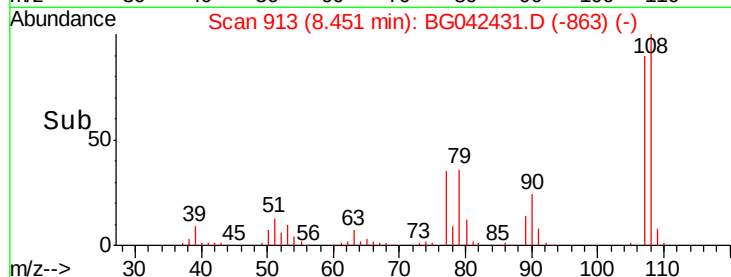
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

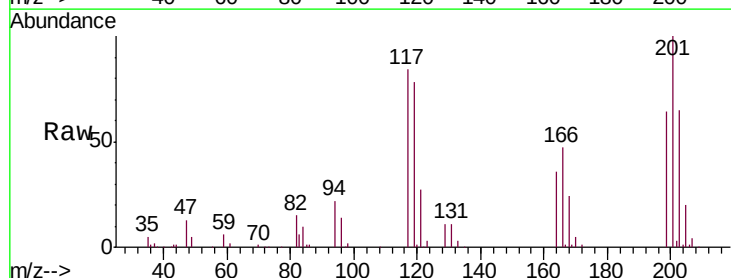
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.373 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	73.8	110.8	
201	118.9	108.3	162.5	

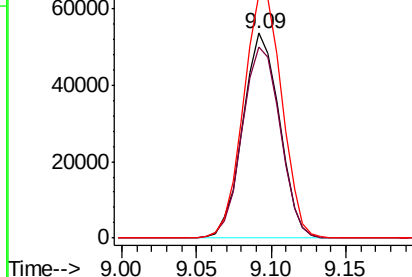
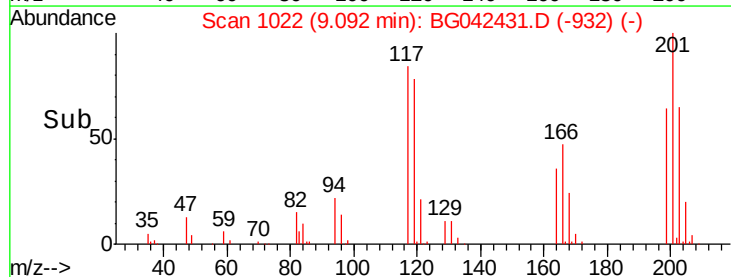


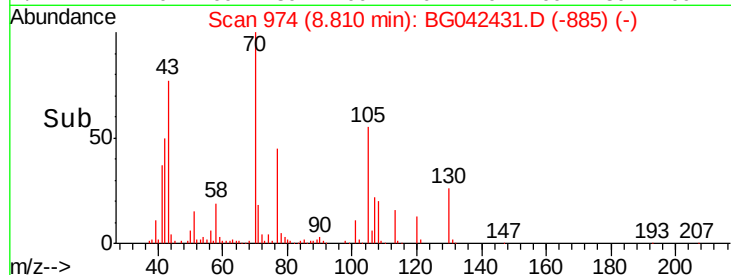
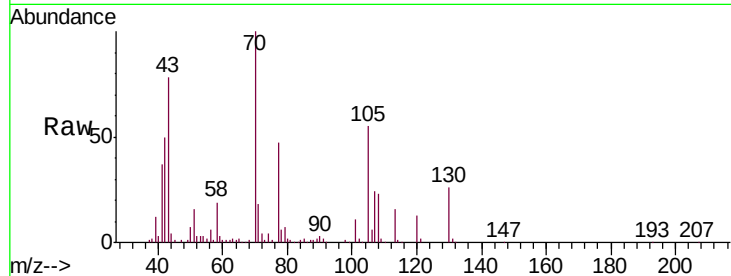
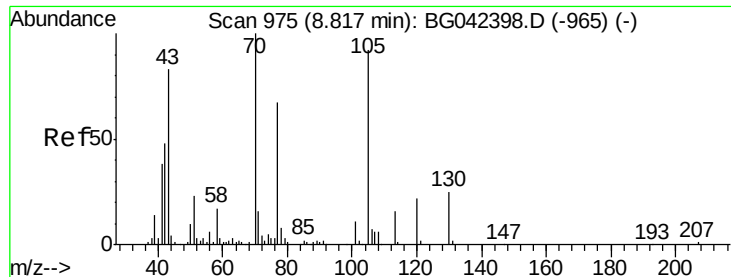
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





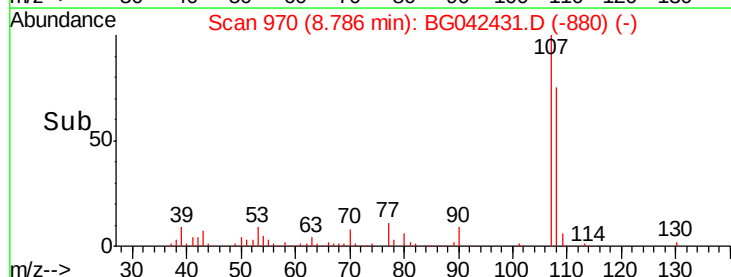
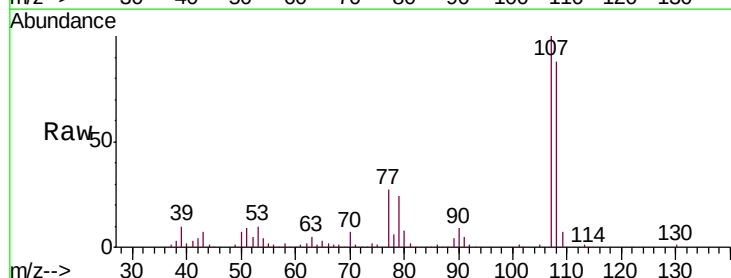
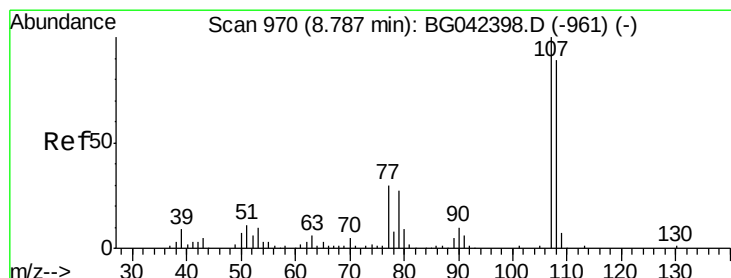
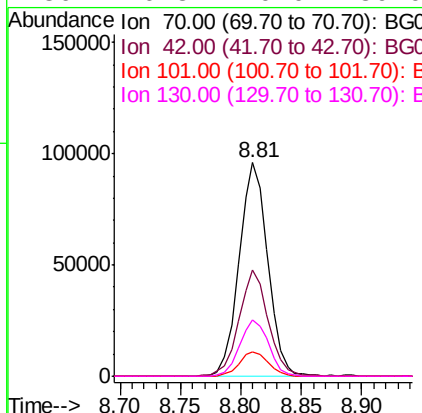
#19
n-Nitroso-di-n-propylamine
Concen: 40.785 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampled :
PB122423BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.7	38.8	58.2	
101	11.4	9.0	13.6	
130	26.3	20.0	30.0	

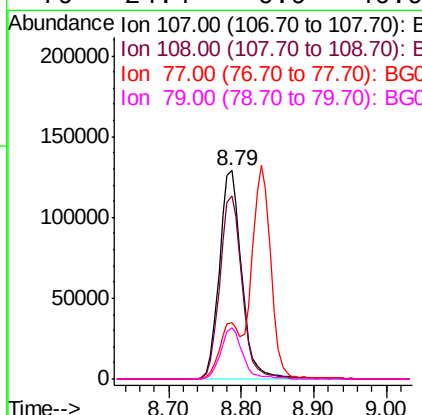
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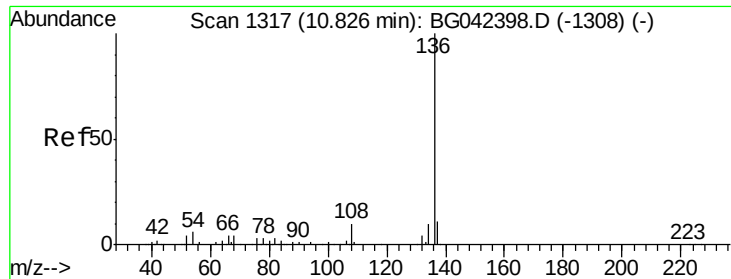
Jagrut
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#20
3+4-Methylphenols
Concen: 44.296 ng
RT: 8.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	68.7	108.7	
77	27.3	10.2	50.2	
79	24.4	6.9	46.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

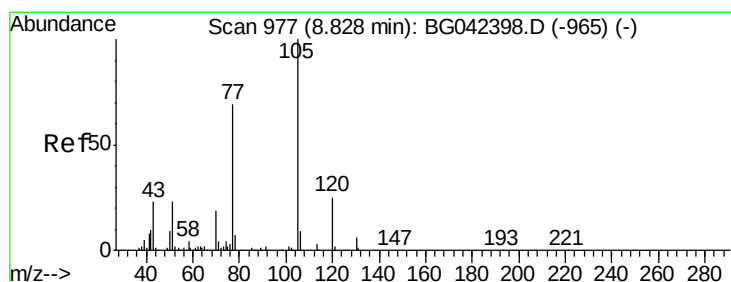
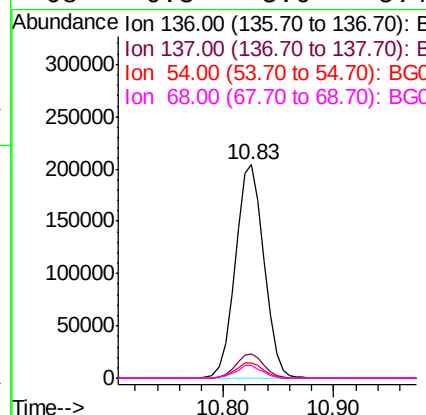
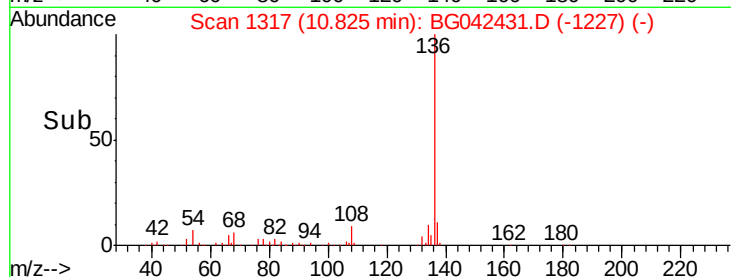
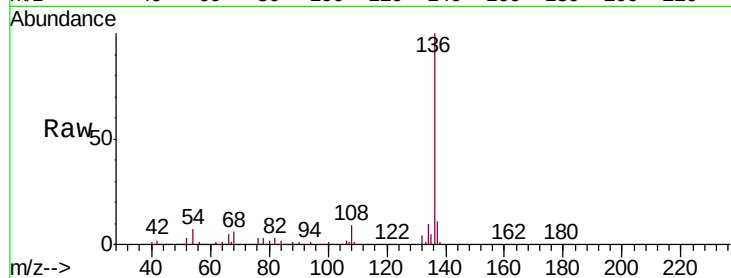
ClientSampleId :

PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	369645		
137	11.4	8.7	13.1	
54	7.3	4.9	7.3	
68	6.3	3.6	5.4	

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#22

Acetophenone

Concen: 41.839 ng

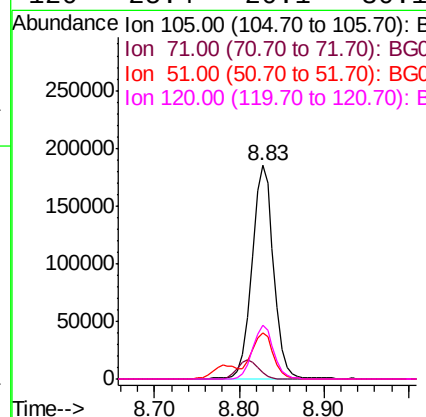
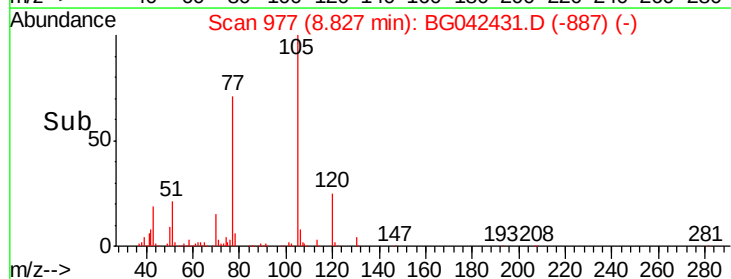
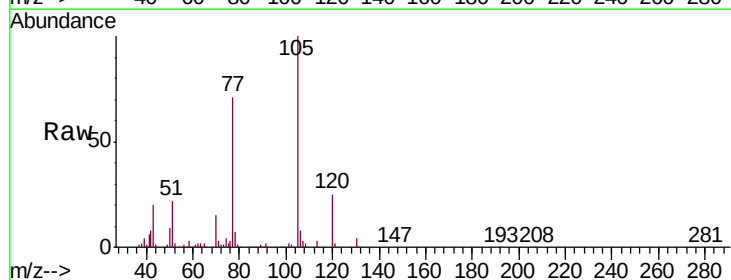
RT: 8.83 min Scan# 977

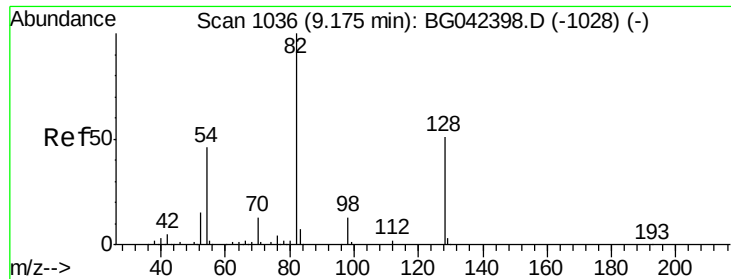
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330783		
71	2.8	2.8	4.2	
51	21.7	18.7	28.1	
120	25.4	20.1	30.1	





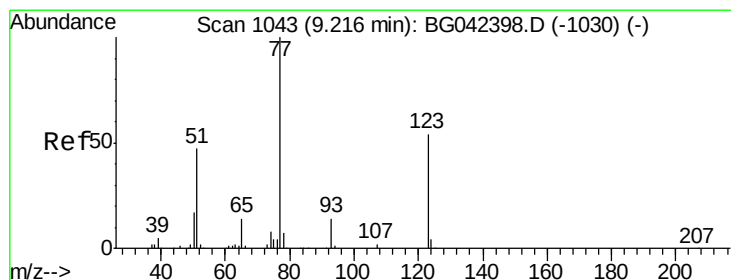
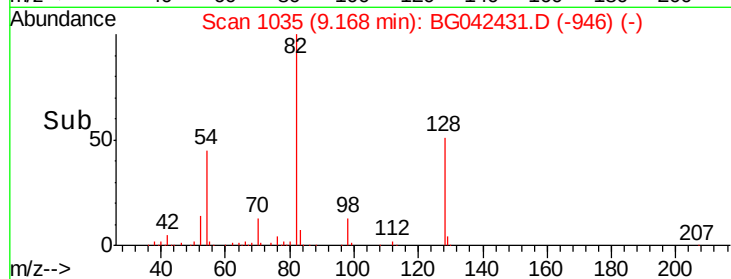
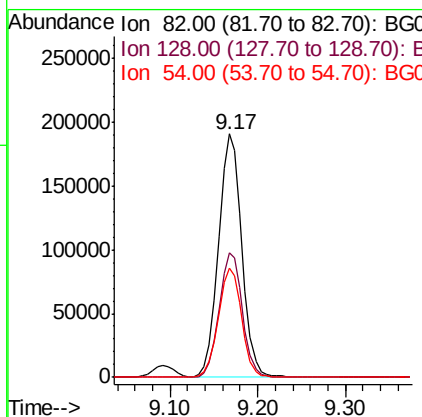
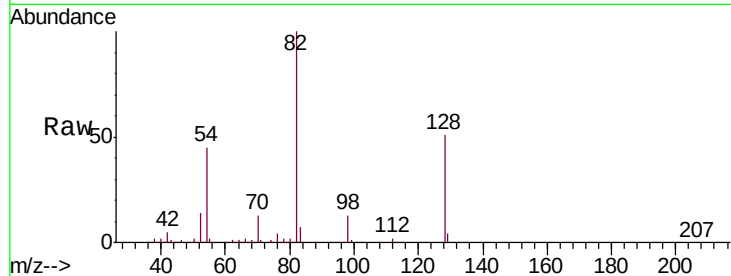
#23
 Nitrobenzene-d5
 Concen: 65.526 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampled :
 PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	350507		
128	51.3	40.7	61.1	
54	45.1	36.3	54.5	

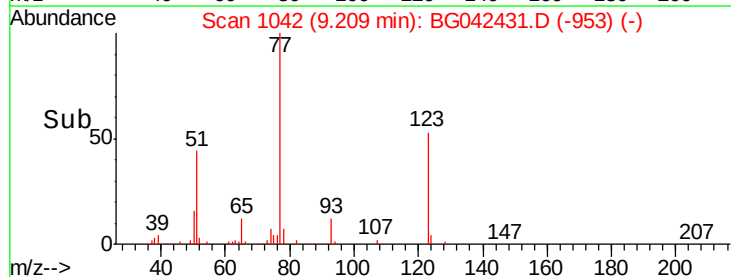
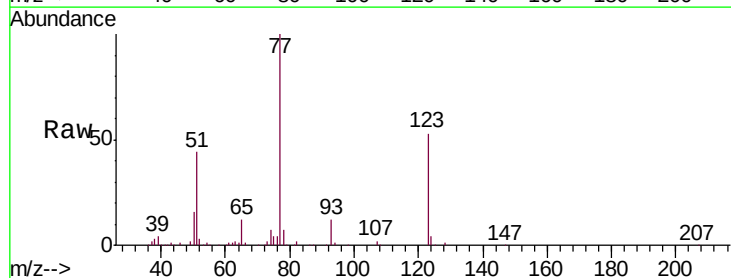
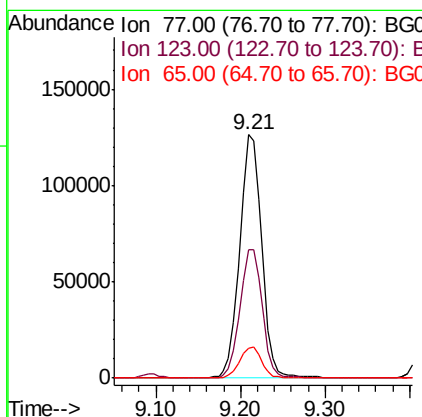
Manual Integrations
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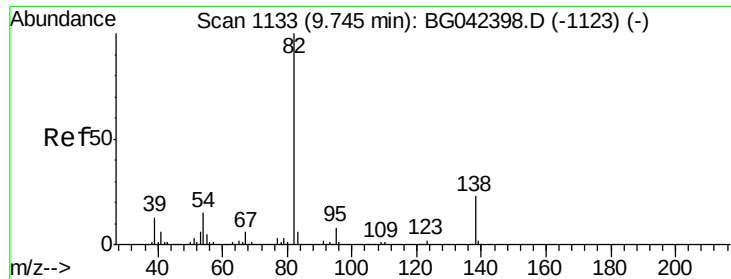
Jagrut
 8/26/2019 2:01:45 PM



#24
 Nitrobenzene
 Concen: 41.827 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	226563		
123	52.6	43.4	65.0	
65	12.5	11.0	16.6	





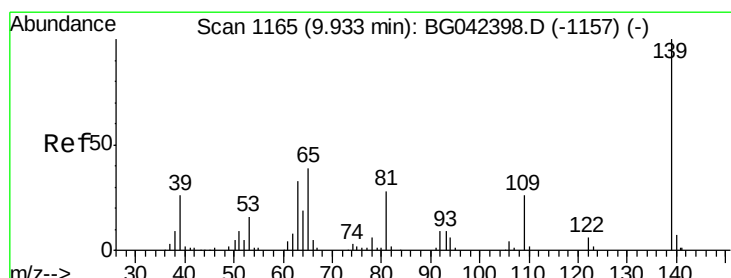
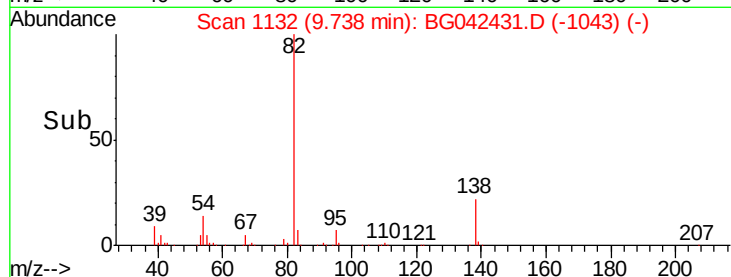
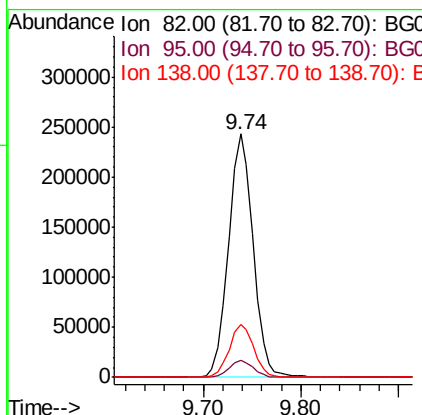
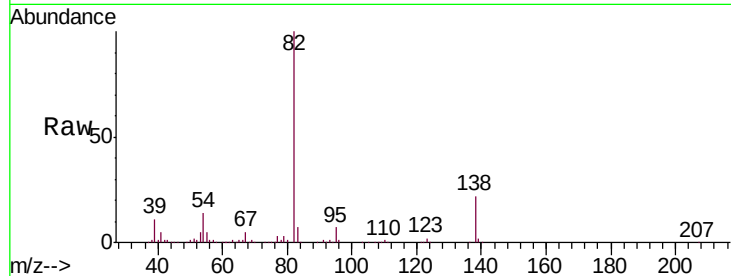
#25
Isophorone
Concen: 40.326 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	425703		
95	7.1		6.6	9.8
138	21.8		18.6	27.8

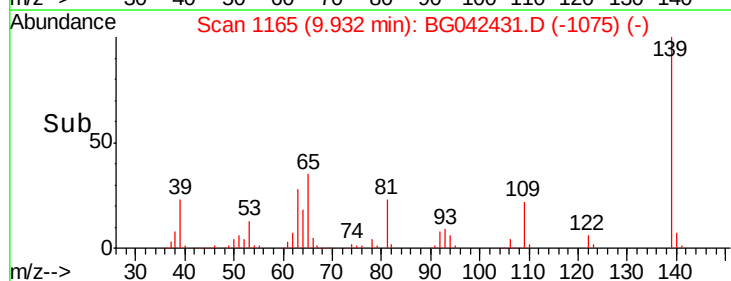
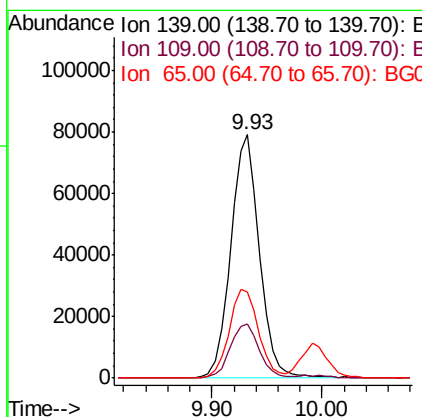
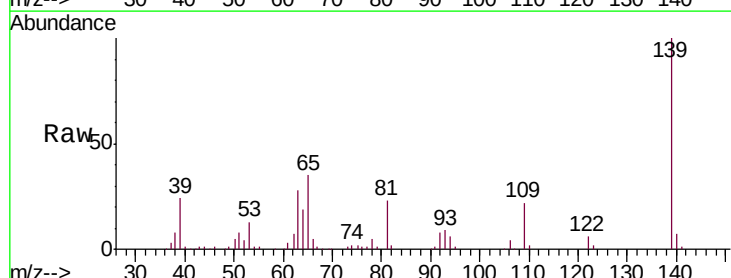
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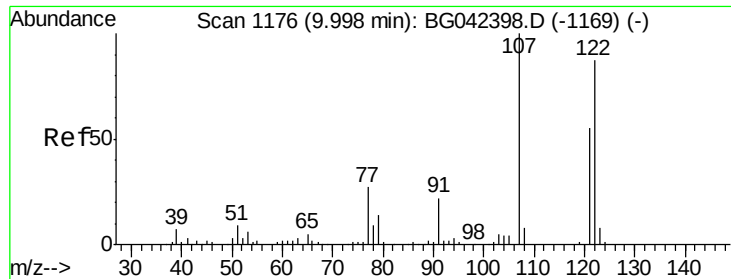
Jagrut
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#26
2-Nitrophenol
Concen: 42.255 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	143435		
109	22.4		20.5	30.7
65	35.4		30.9	46.3





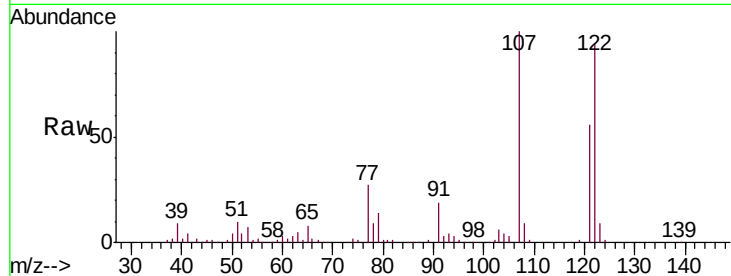
#27
 2,4-Dimethylphenol
 Concen: 48.084 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

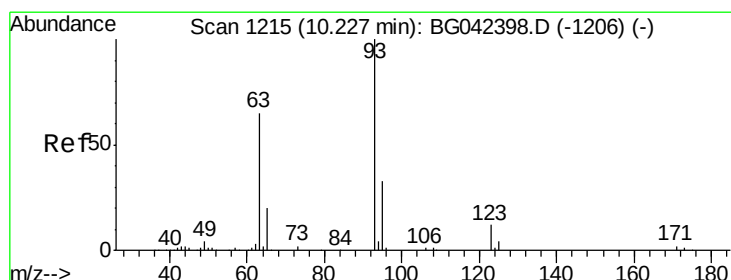
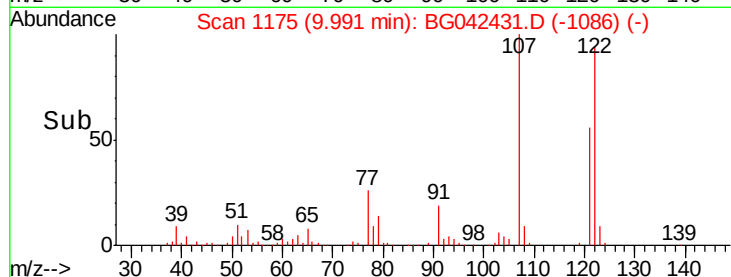
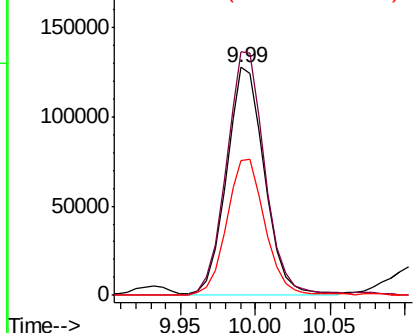
Tot Ion	Ratio	Resp	Lower	Upper
122	100	224837		
107	106.8	90.8	136.2	
121	59.3	49.6	74.4	

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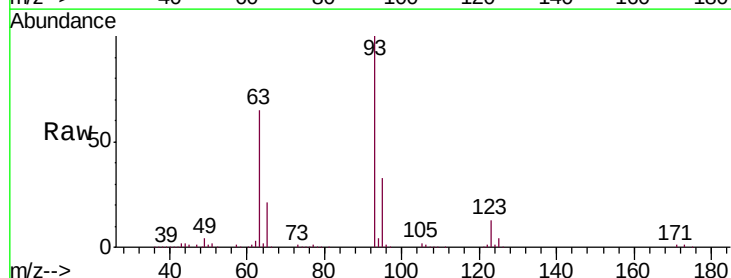


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

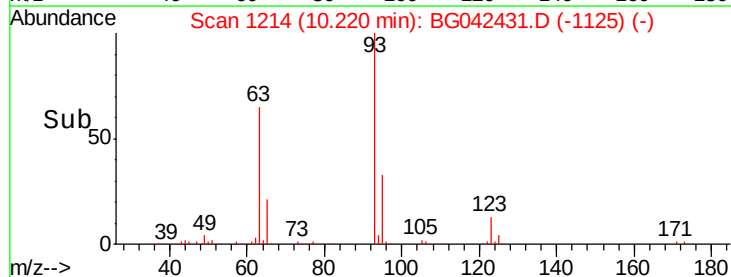
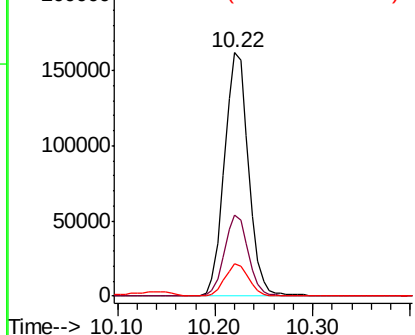


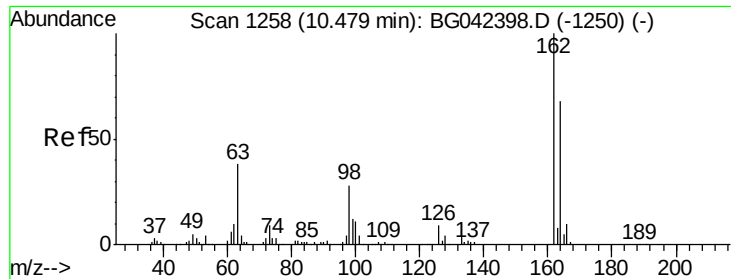
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.784 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	278014		
95	33.2	26.6	40.0	
123	13.5	10.1	15.1	



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.889 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

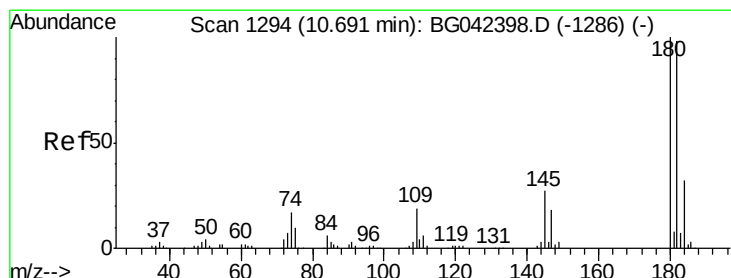
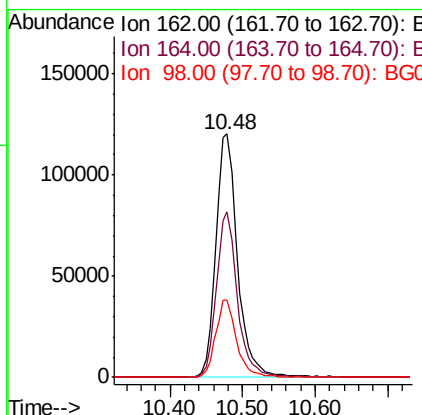
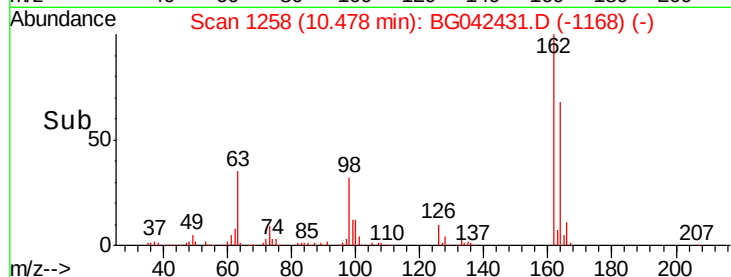
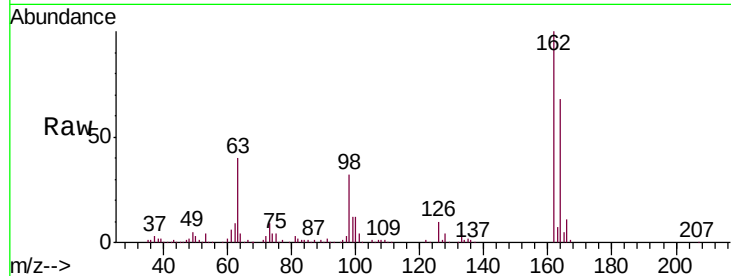
ClientSampleId :

PB122423BSD

Tot Ion:	162	Resp:	250147
Ion Ratio	Lower	Upper	
162	100		
164	67.8	48.1	88.1
98	31.6	7.6	47.6

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#30

1,2,4-Trichlorobenzene

Concen: 35.493 ng

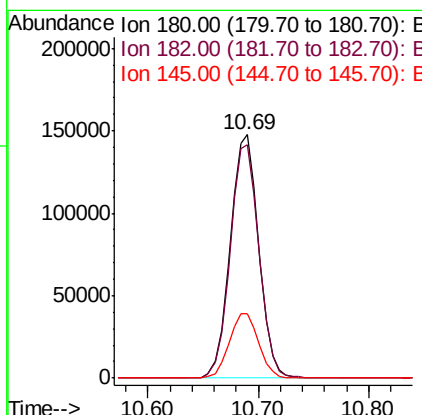
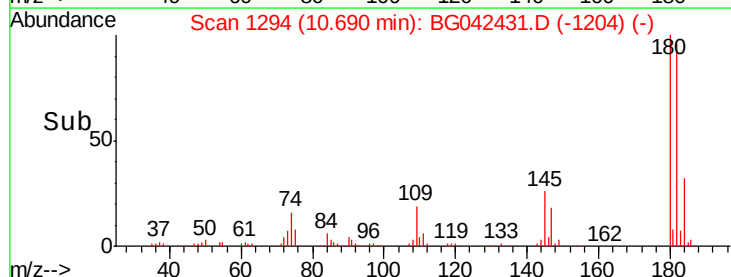
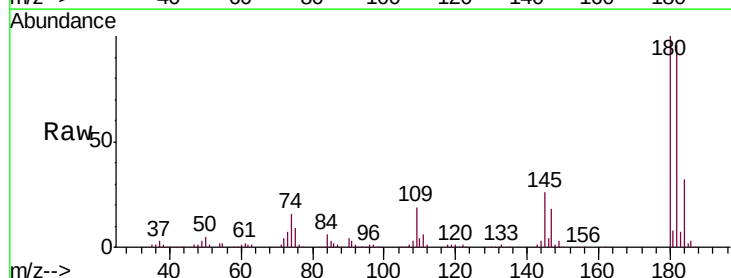
RT: 10.69 min Scan# 1294

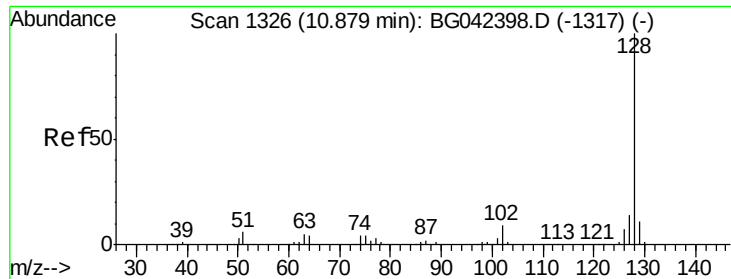
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	180	Resp:	266520
Ion Ratio	Lower	Upper	
180	100		
182	96.1	78.7	118.1
145	26.4	21.6	32.4





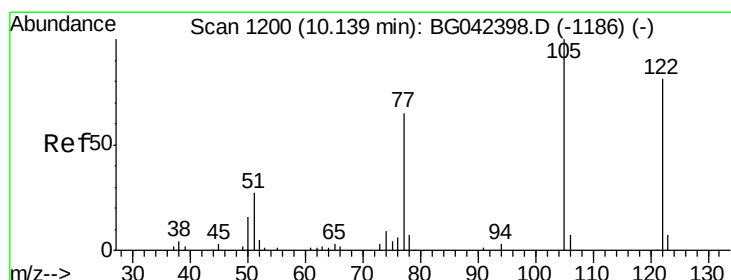
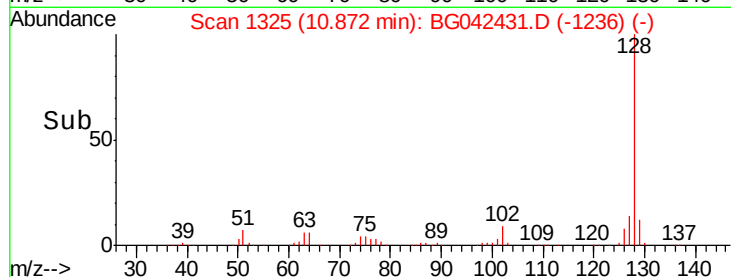
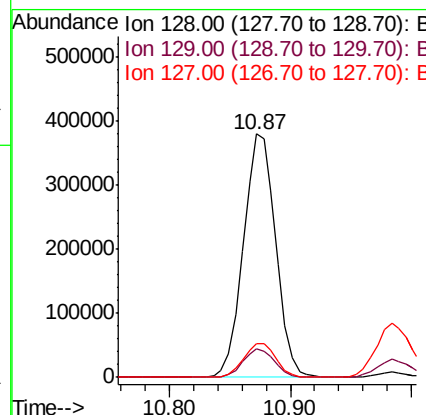
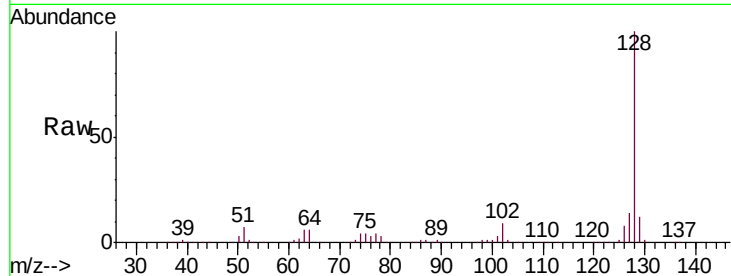
#31
Naphthalene
Concen: 41.176 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	14.0	11.4	17.0

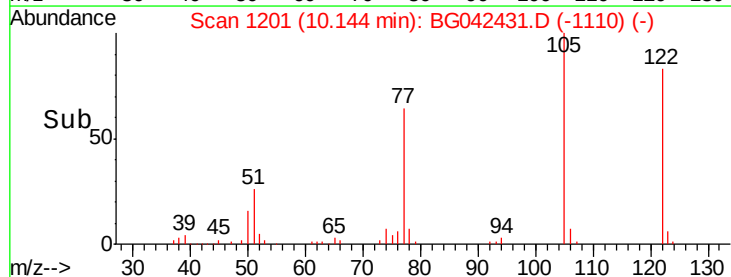
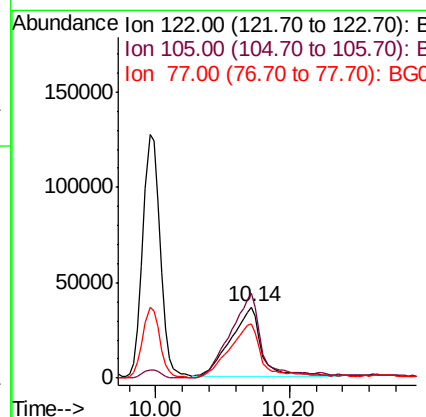
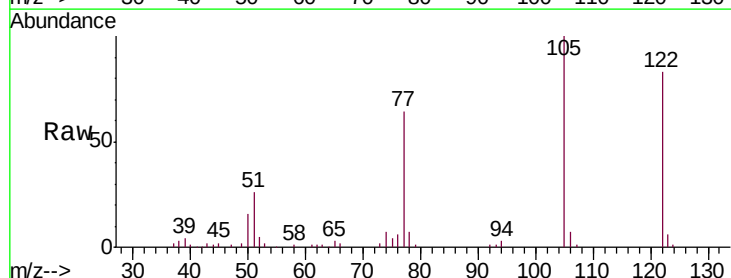
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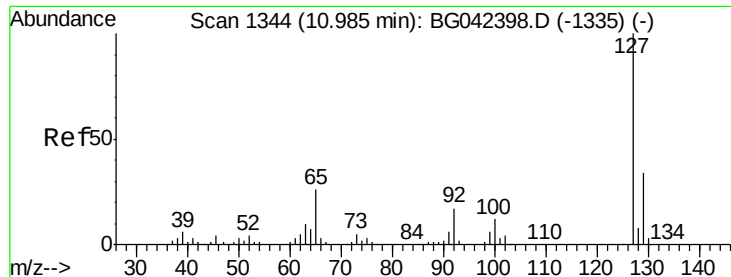
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#32
Benzoic acid
Concen: 37.728 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	99.6	139.6
77	77.2	59.5	99.5





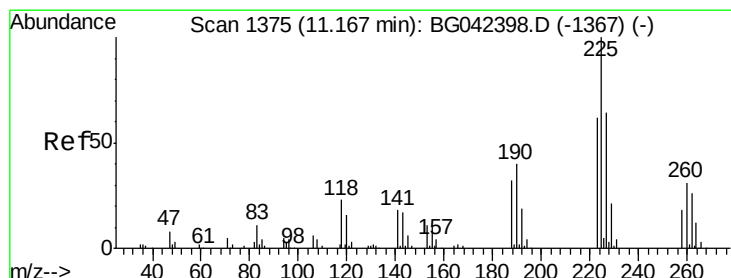
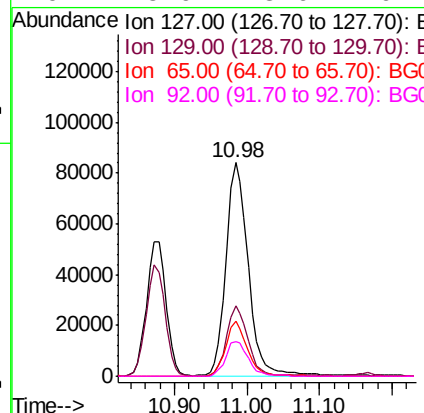
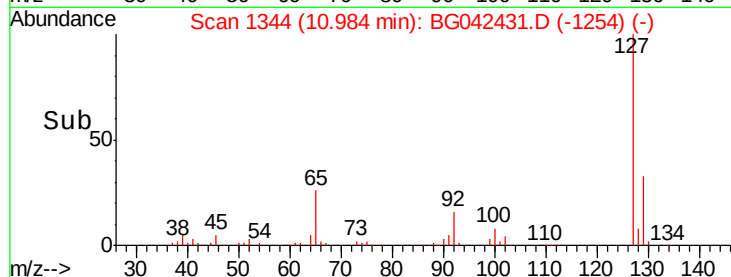
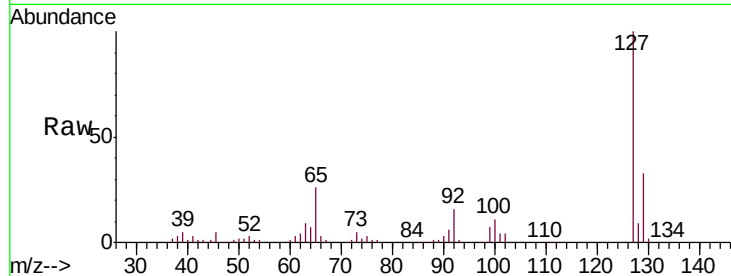
#33
 4-Chloroaniline
 Concen: 22.613 ng
 RT: 10.98 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	179144		
129	32.9	26.8	40.2	
65	25.6	20.7	31.1	
92	15.9	13.6	20.4	

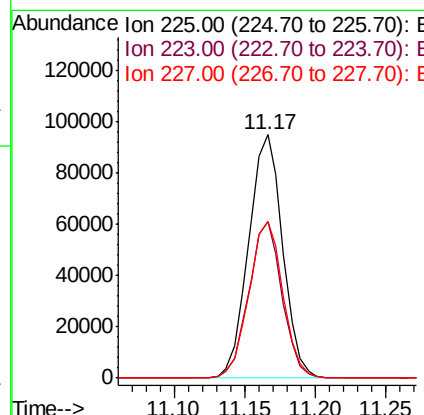
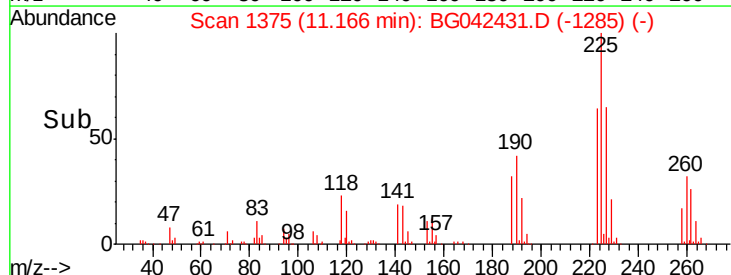
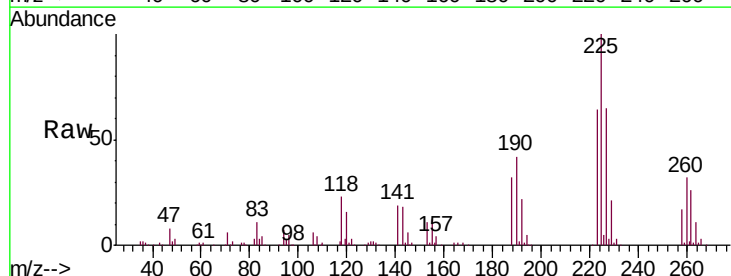
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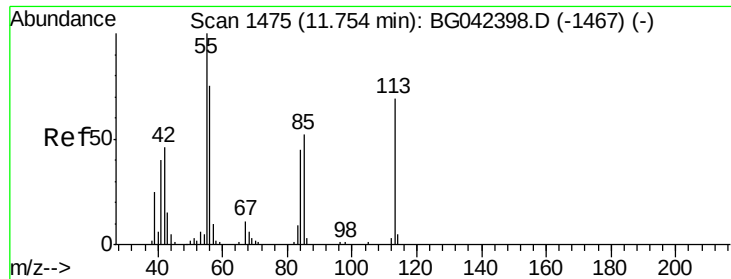
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 8/26/2019 2:01:45 PM



#34
 Hexachlorobutadiene
 Concen: 31.699 ng
 RT: 11.17 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159972		
223	64.4	49.8	74.6	
227	64.6	50.9	76.3	





#35

Caprolactam

Concen: 37.045 ng/ml

RT: 11.75 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

ClientSampleId :

PB122423BSD

Tot Ion:113 Resp: 75622

Ion Ratio Lower Upper

113 100

55 148.5 124.6 164.6

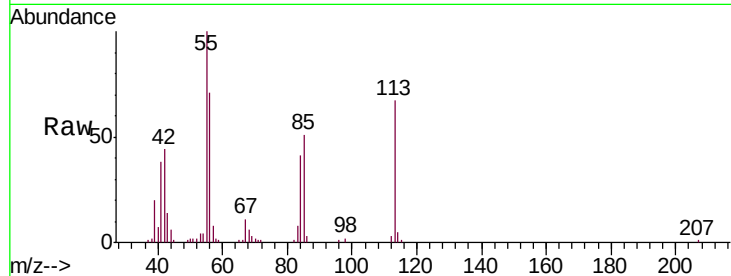
56 105.5 88.3 128.3

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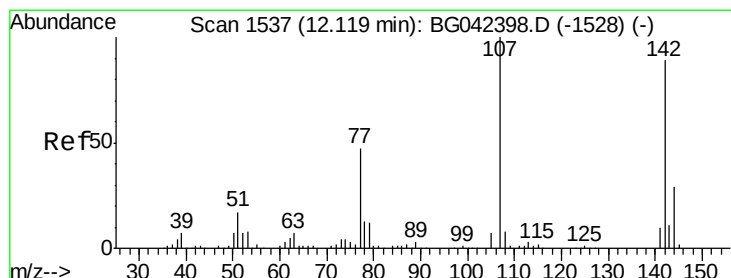
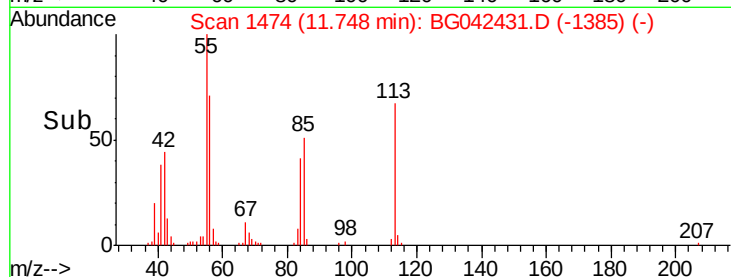
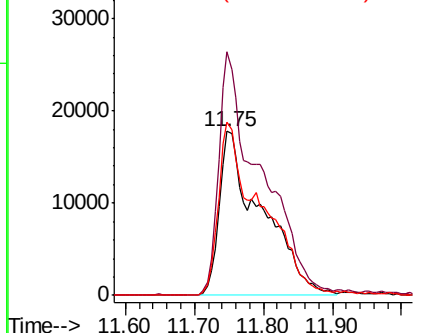
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 36.372 ng/ml

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

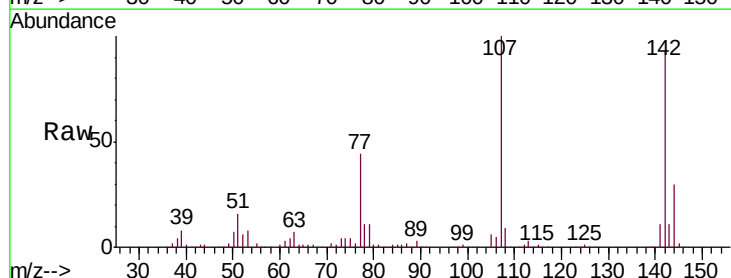
Tgt Ion:107 Resp: 211229

Ion Ratio Lower Upper

107 100

144 30.4 23.6 35.4

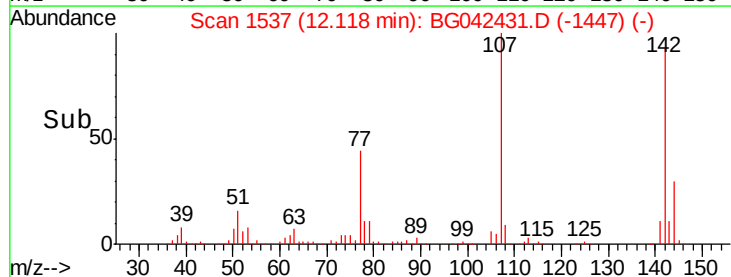
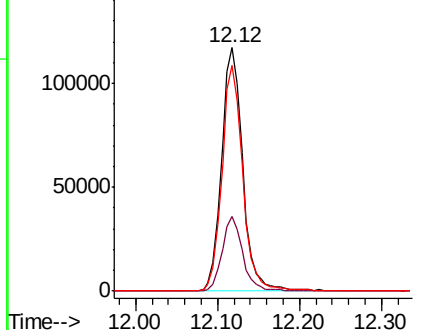
142 92.9 71.0 106.4

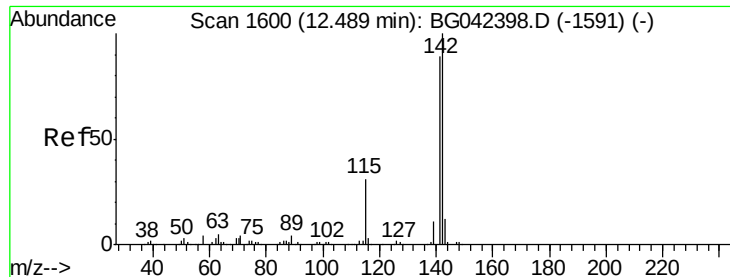


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





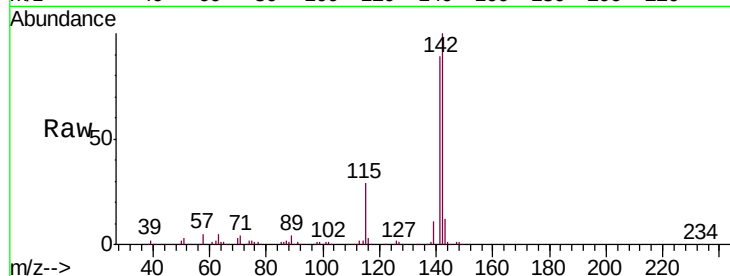
#37
2-Methylnaphthalene
Concen: 36.742 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	29.5	25.2	37.8

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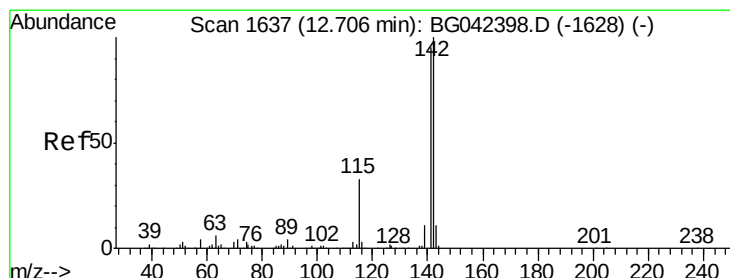
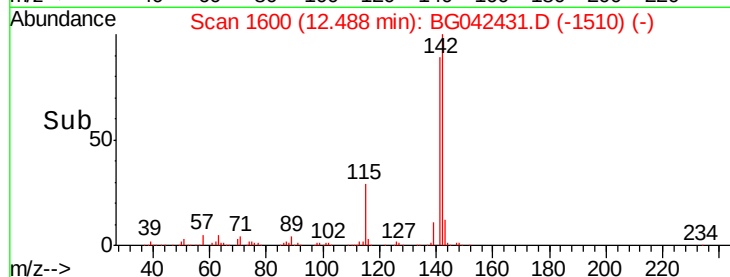
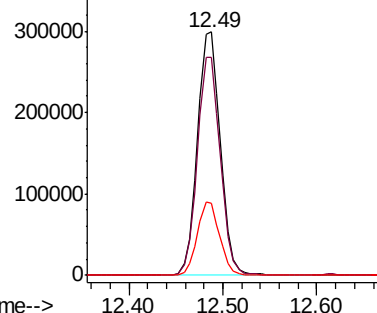


Abundance

Ion 142.00 (141.70 to 142.70): E

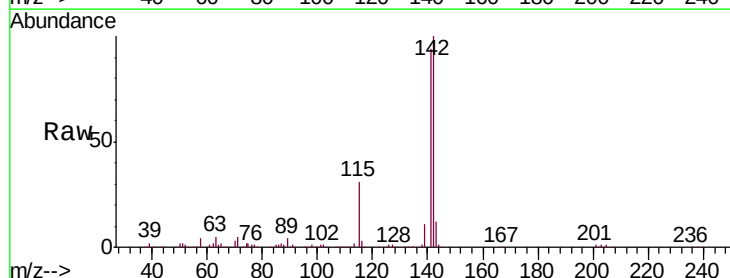
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.684 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	76.2	114.2
116	3.3	2.8	4.2

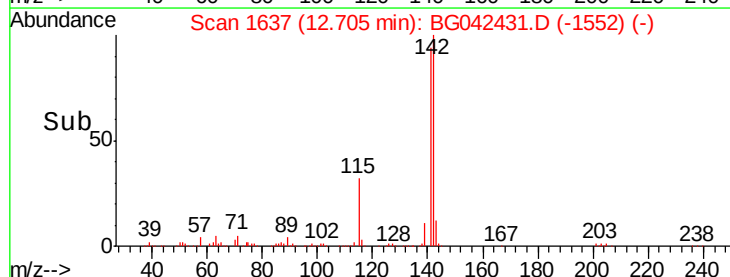
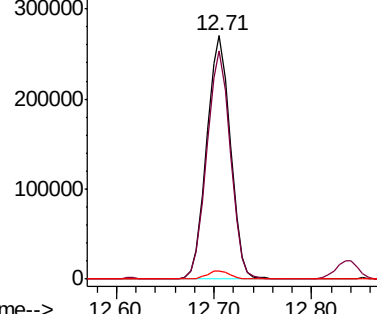


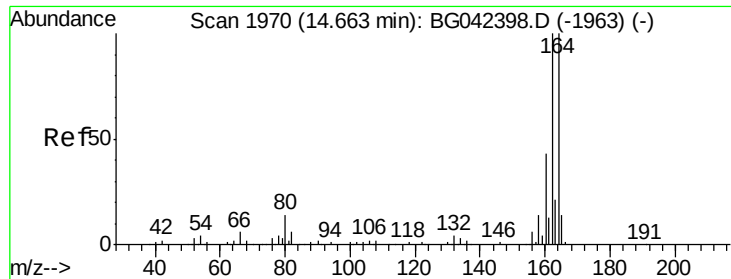
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





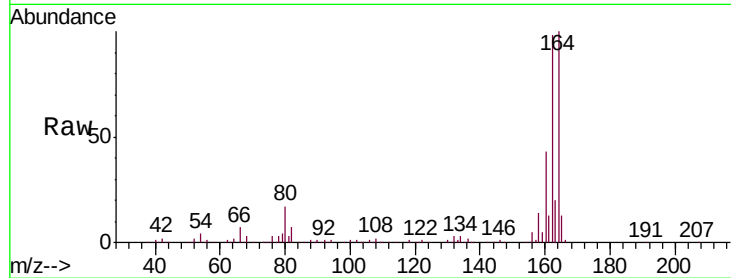
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.9	119.9
160	43.4	34.3	51.5

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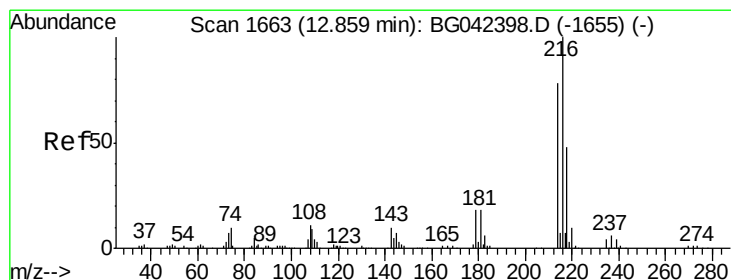
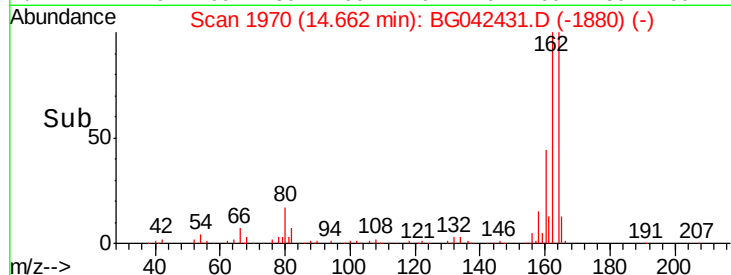
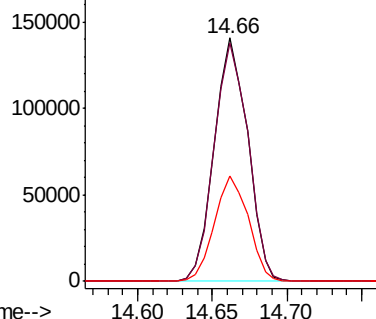


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.186 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	61.4	92.2
179	20.5	15.1	22.7
108	15.0	9.4	14.0#

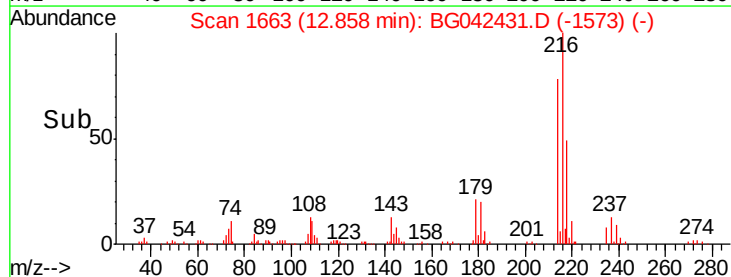
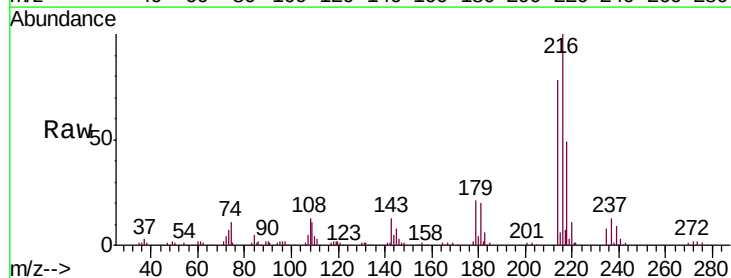
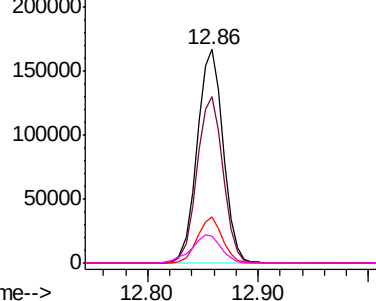
Abundance

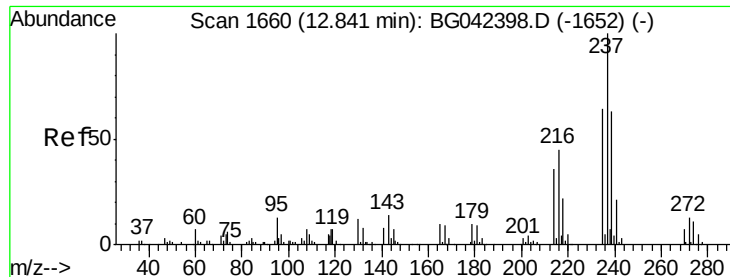
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





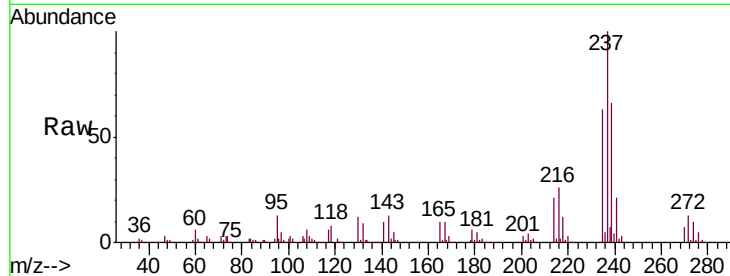
#41
Hexachlorocyclopentadiene
Concen: 88.572 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	43.7	83.7
272	13.1	0.0	33.3

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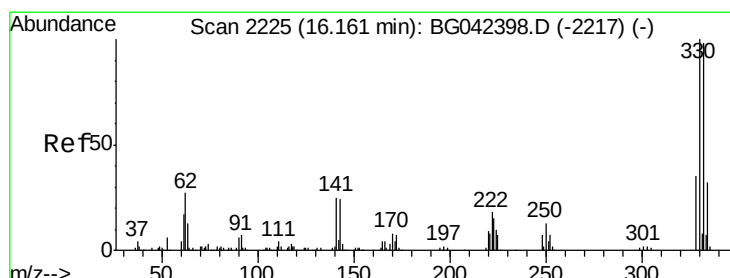
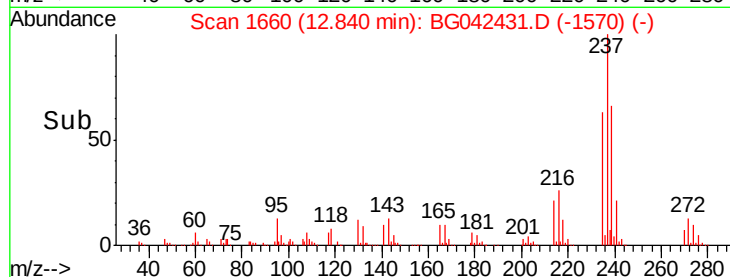
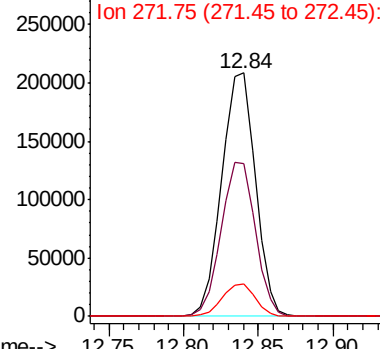


Abundance

Ion 236.80 (236.50 to 237.50): E

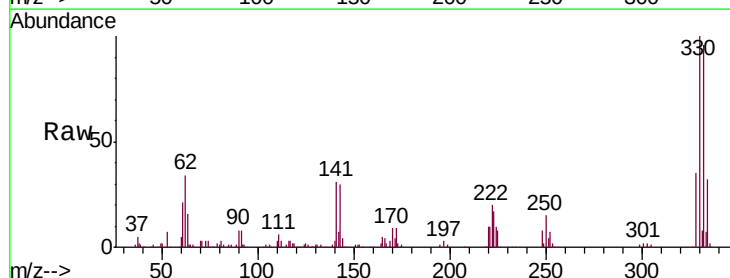
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 91.127 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.6	77.4	116.0
141	30.0	21.4	32.0

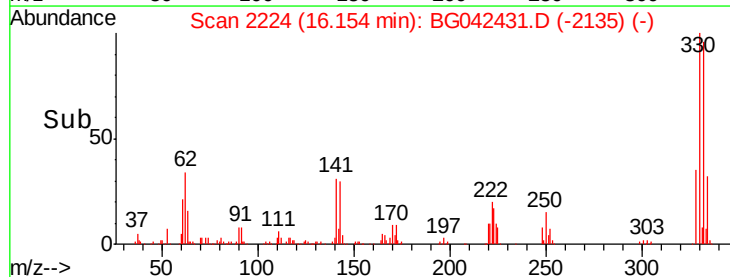
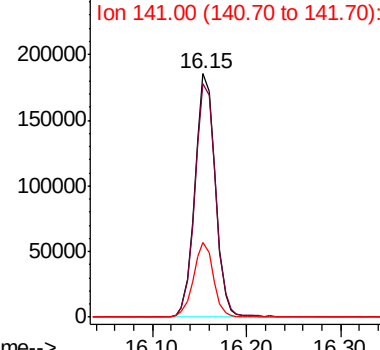


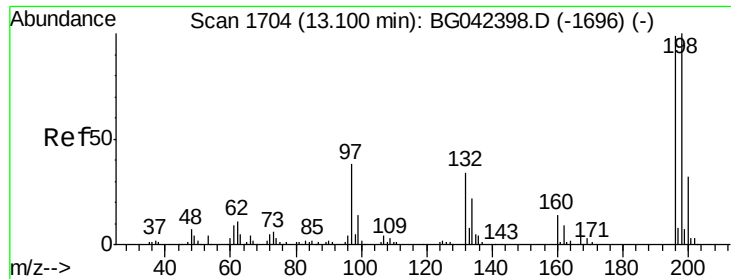
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





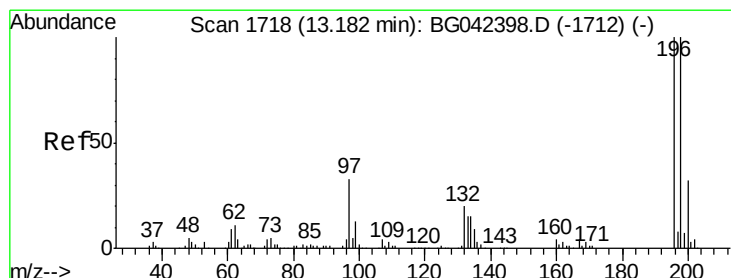
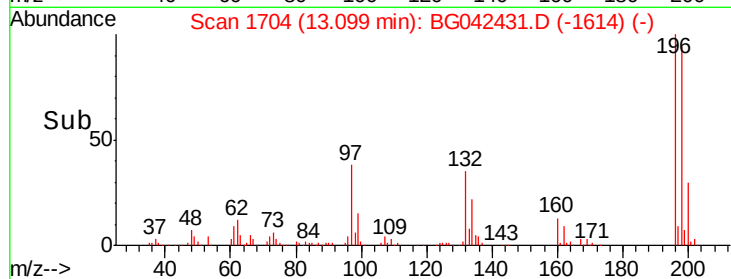
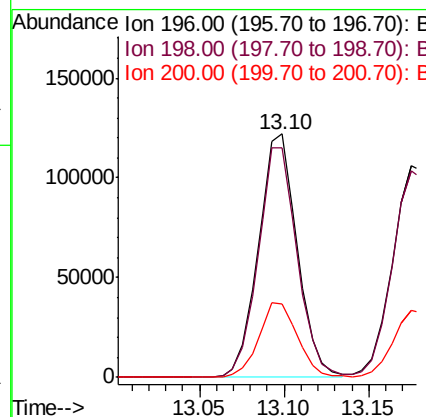
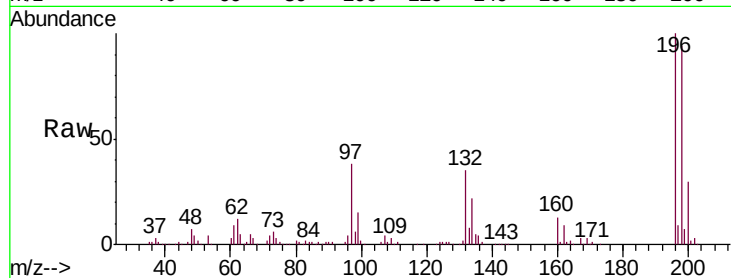
#43
 2,4,6-Trichlorophenol
 Concen: 40.729 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	193035		
198	94.3	80.7	121.1	
200	30.1	25.7	38.5	

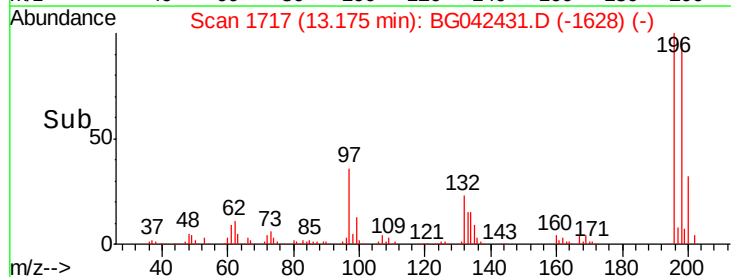
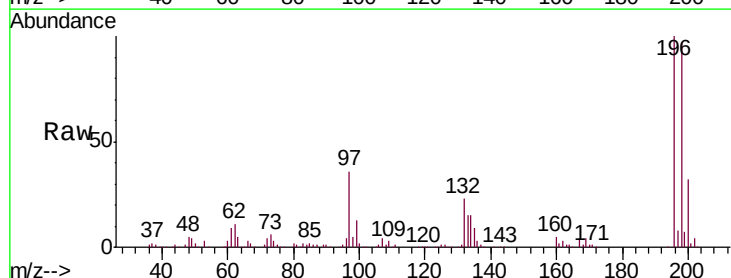
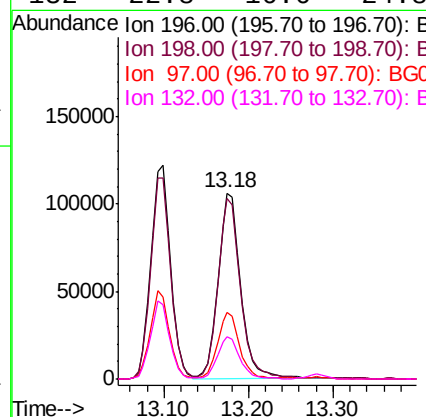
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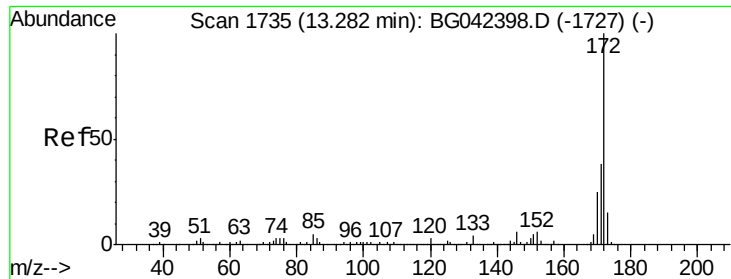
Jagrut
 8/26/2019 2:01:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.579 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199300		
198	97.4	80.2	120.4	
97	35.6	26.3	39.5	
132	22.8	16.6	24.8	





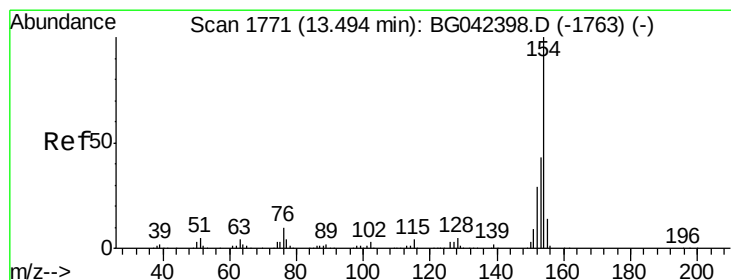
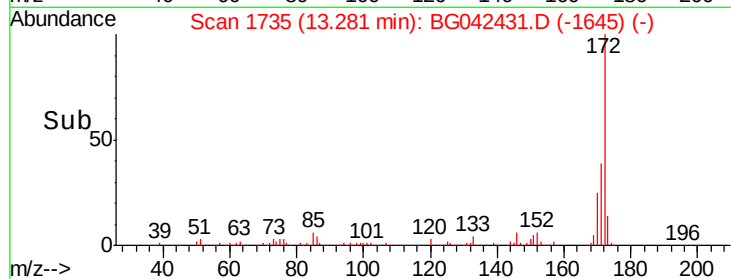
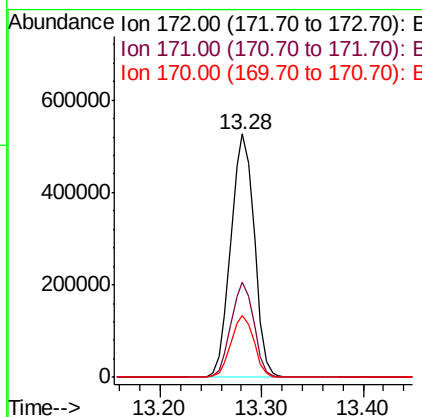
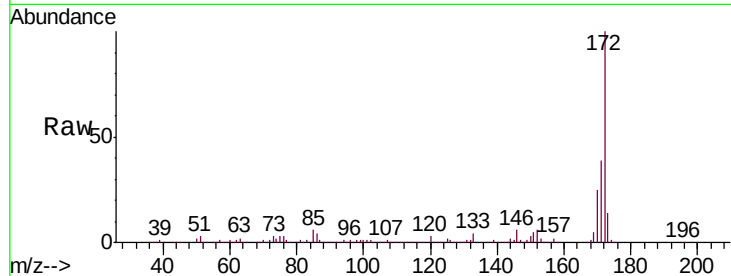
#45
2-Fluorobiphenyl
Concen: 65.569 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.5	45.7
170	25.5	20.2	30.2

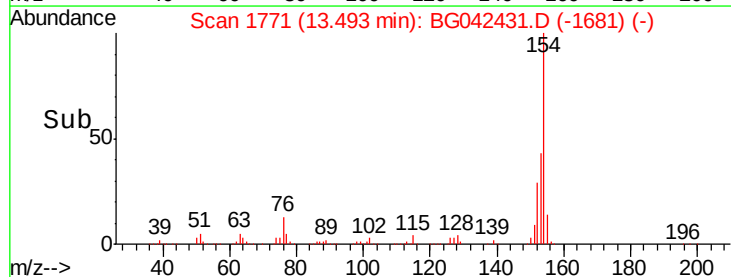
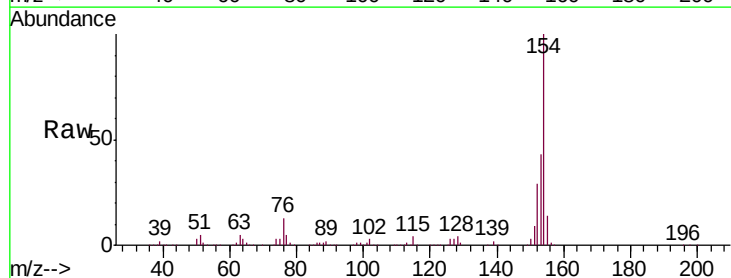
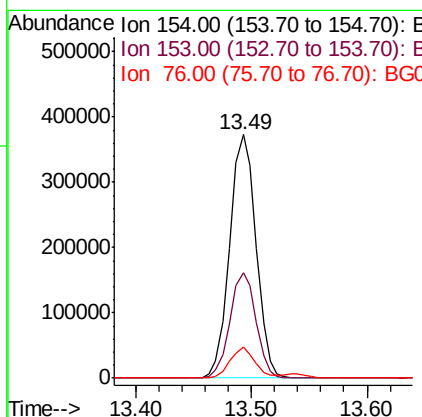
Manual Integrations
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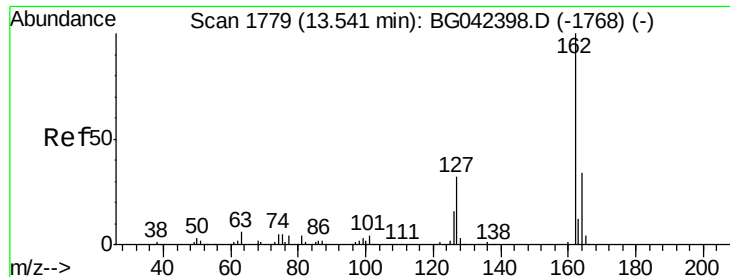
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#46
1,1'-Biphenyl
Concen: 41.733 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	23.0	63.0
76	12.5	0.0	29.6





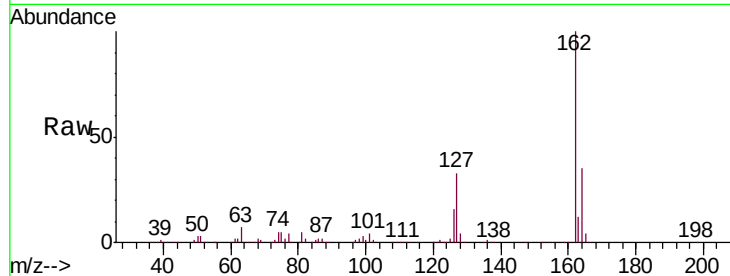
#47
2-Chloronaphthalene
Concen: 38.574 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	33.3	26.0	39.0
164	34.9	27.4	41.0

Manual Integrations
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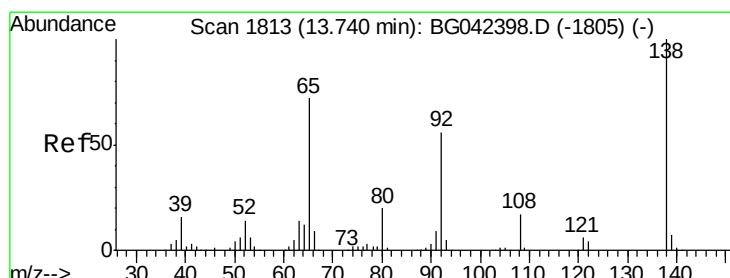
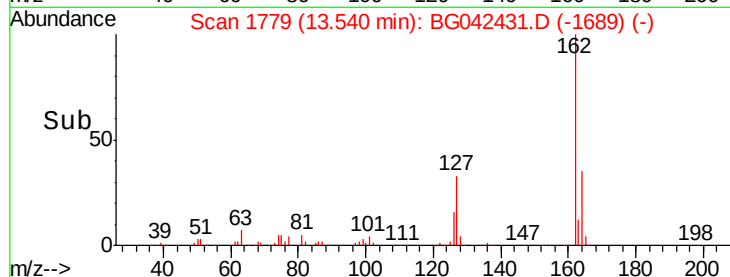
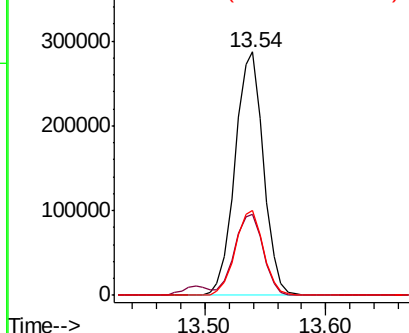


Abundance

Ion 162.00 (161.70 to 162.70): E

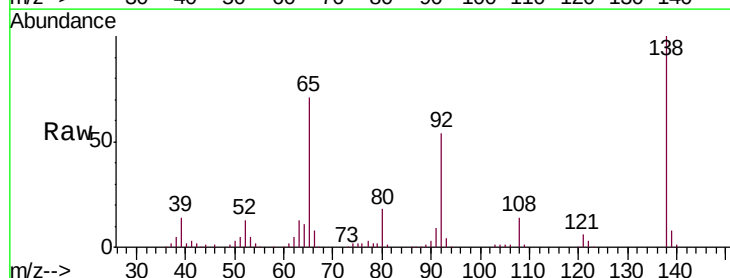
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.978 ng
RT: 13.74 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.9	61.8	92.6
138	140.9	111.0	166.6

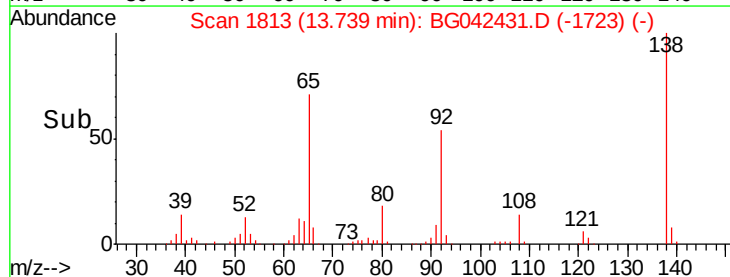
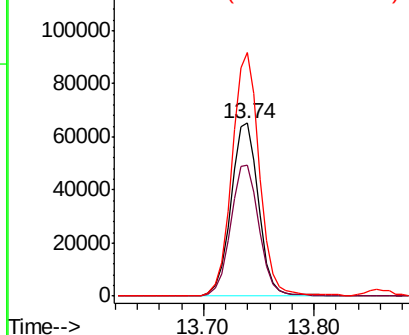


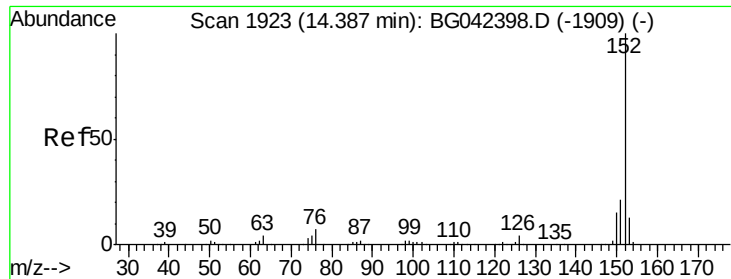
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.773 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

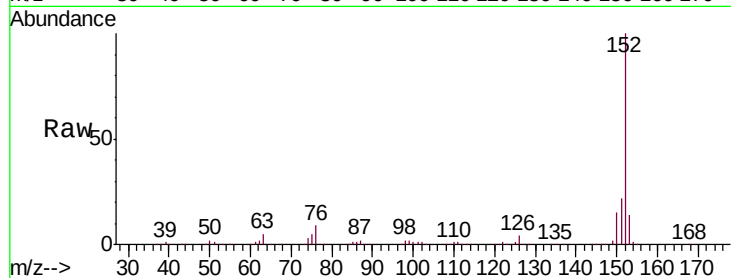
ClientSampleId :

PB122423BSD

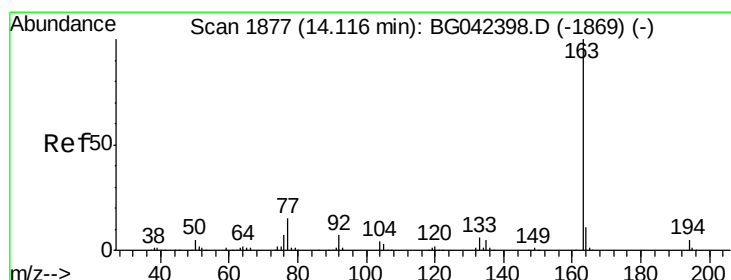
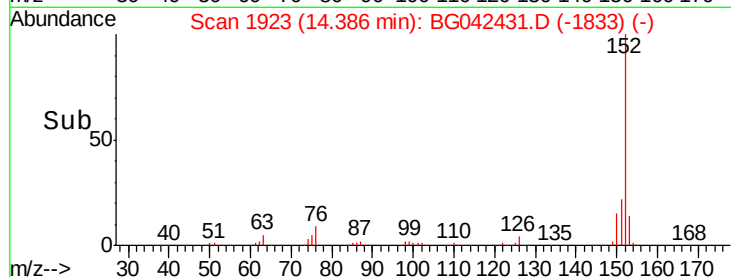
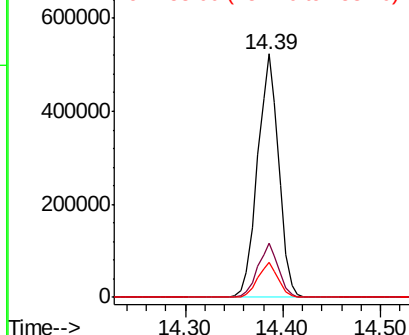
Tot Ion:	152	Resp:	801443
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.0	25.4
153	14.2	10.6	16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.939 ng

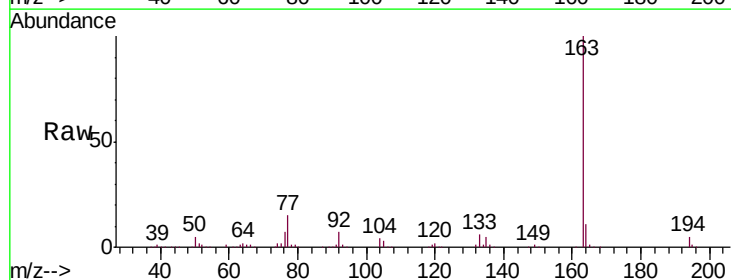
RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

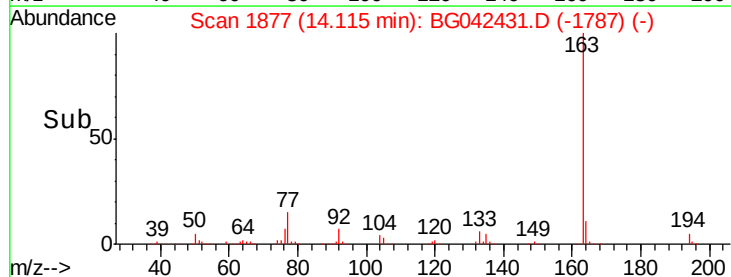
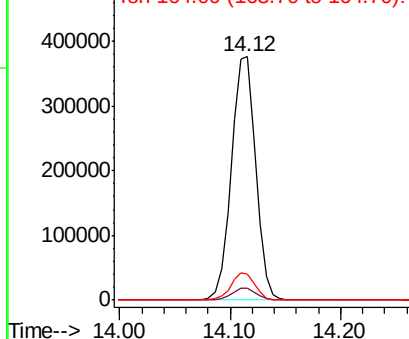
Lab File: BG042431.D

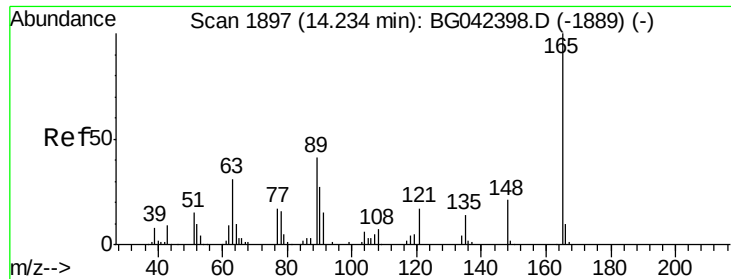
Acq: 23 Aug 2019 13:00

Tgt Ion:	163	Resp:	581949
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.2	6.2
164	10.8	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.372 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

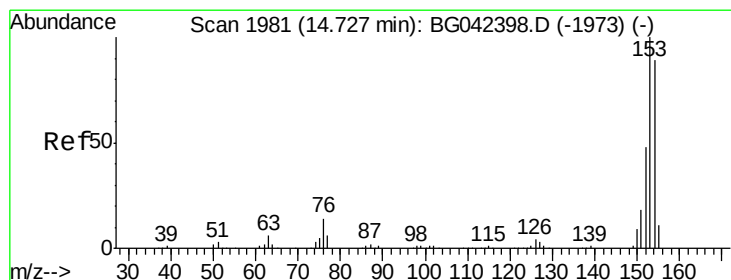
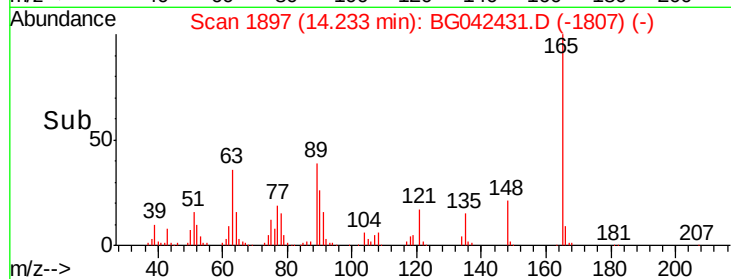
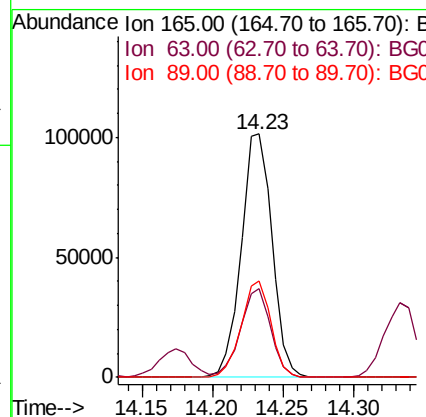
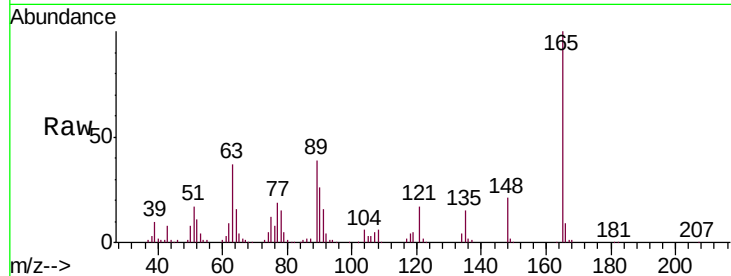
ClientSampled :

PB122423BSD

Tot Ion:	165	Resp:	154731
Ion Ratio	Lower	Upper	
165	100		
63	36.6	30.6	45.8
89	39.3	32.6	49.0

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#52

Acenaphthene

Concen: 40.071 ng

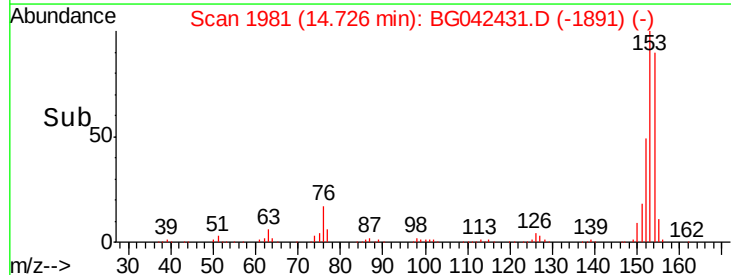
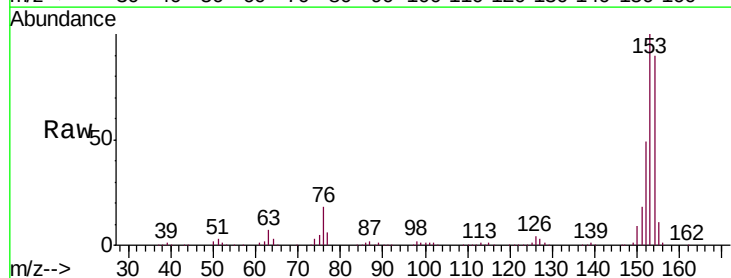
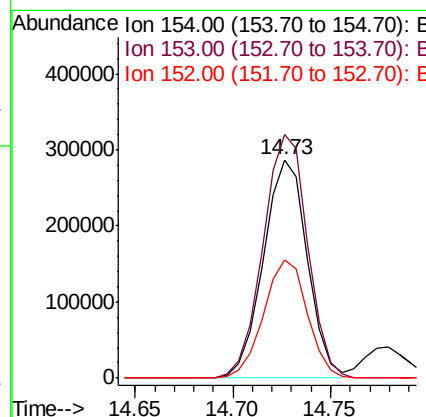
RT: 14.73 min Scan# 1981

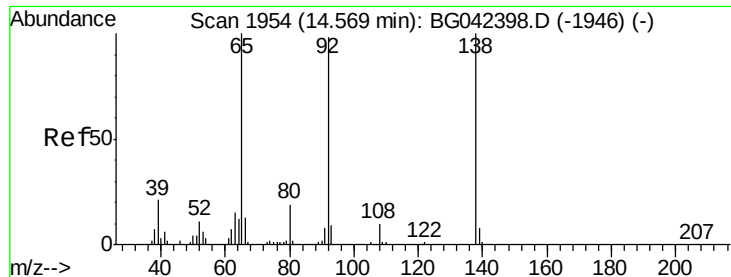
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	154	Resp:	445488
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.2	135.4
152	54.4	43.2	64.8





#53

3-Nitroaniline

Concen: 27.639 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

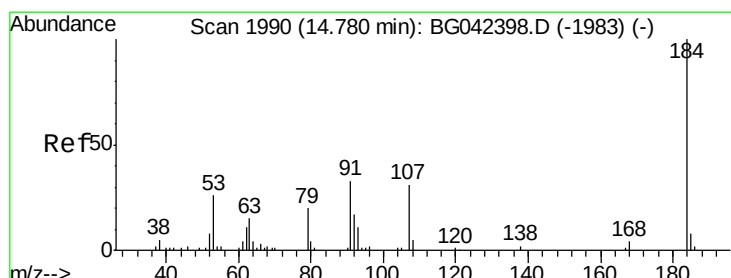
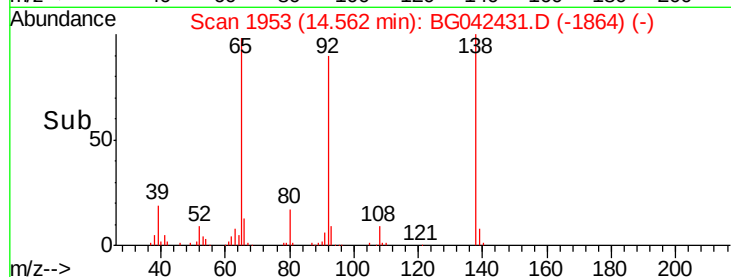
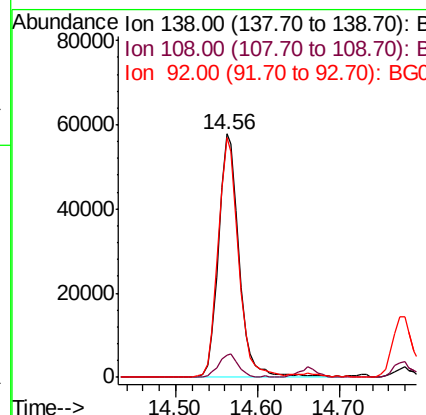
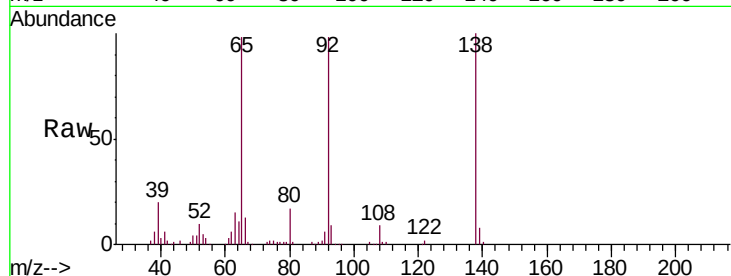
ClientSampleId :

PB122423BSD

Tot Ion:	138	Resp:	100939
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.3	12.5
92	98.4	78.2	117.4

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#54

2,4-Dinitrophenol

Concen: 62.076 ng

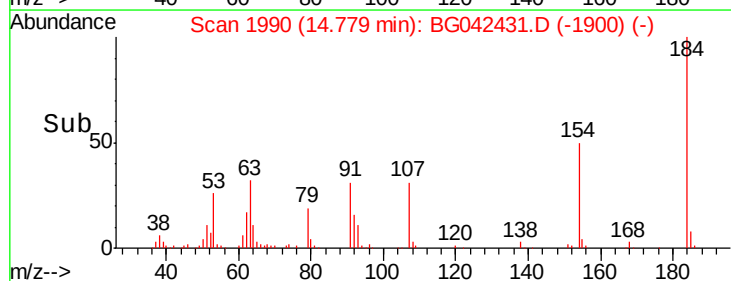
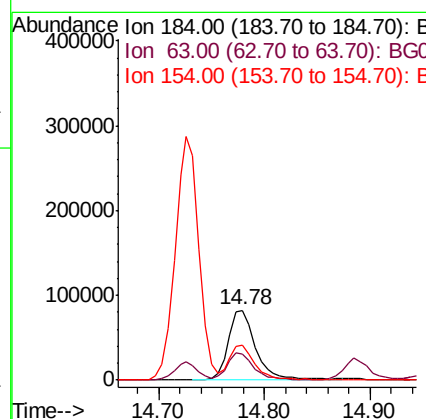
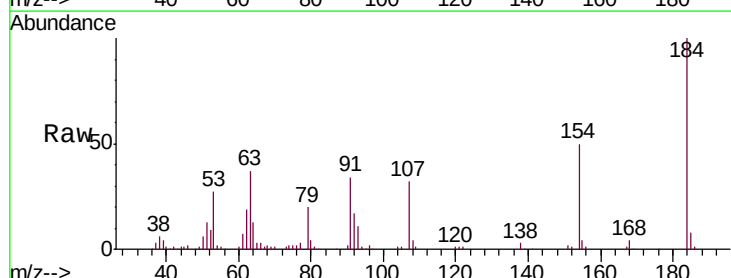
RT: 14.78 min Scan# 1990

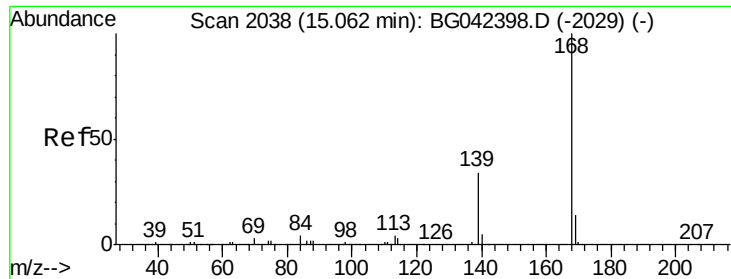
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	184	Resp:	149060
Ion Ratio	Lower	Upper	
184	100		
63	37.2	31.7	47.5
154	49.6	42.0	63.0





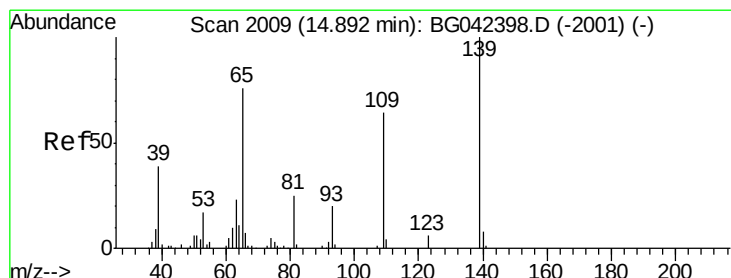
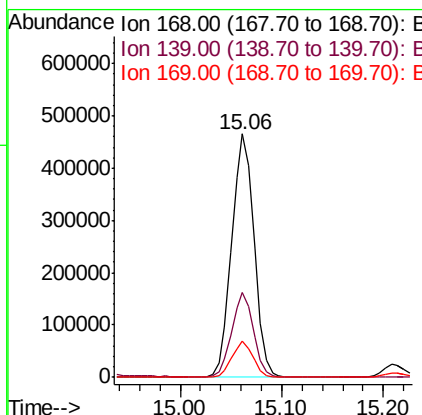
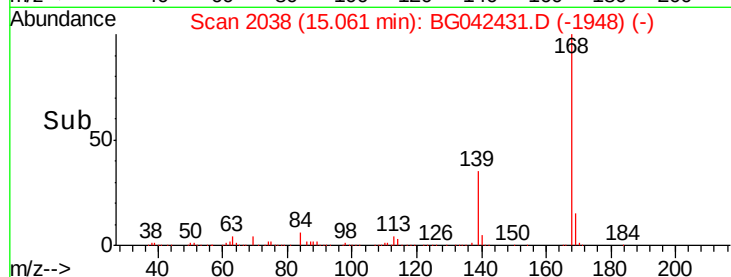
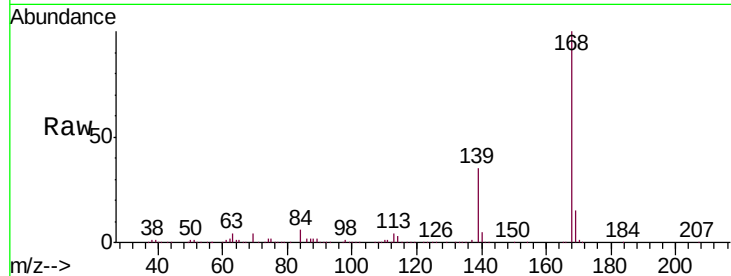
#55
Dibenzenofuran
Concen: 38.715 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion:	168	Resp:	712462
Ion Ratio	Lower	Upper	
168	100		
139	34.6	27.2	40.8
169	15.0	11.5	17.3

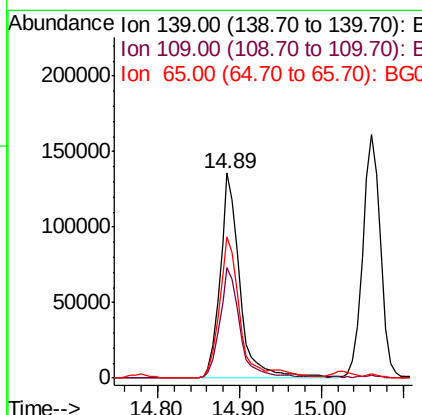
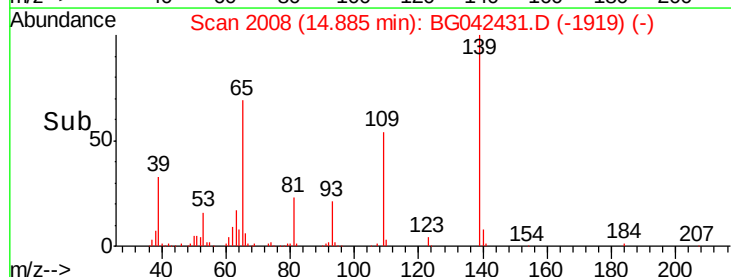
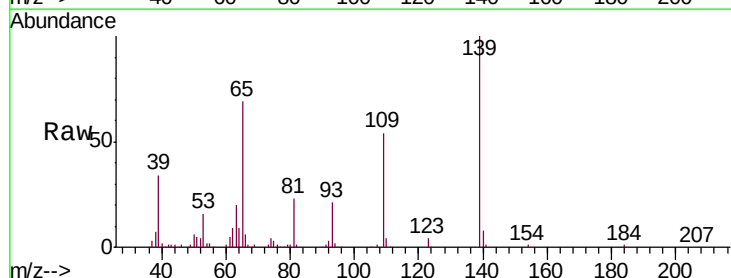
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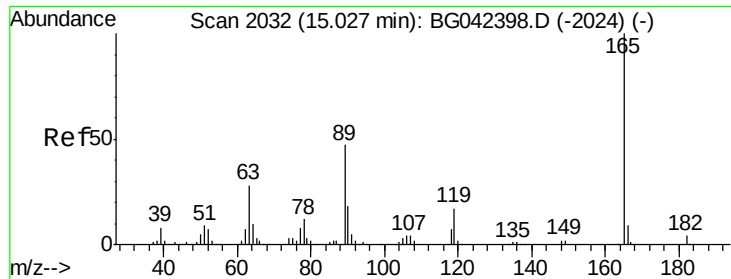
Jagrut
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#56
4-Nitrophenol
Concen: 88.212 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion:	139	Resp:	228915
Ion Ratio	Lower	Upper	
139	100		
109	54.1	43.9	83.9
65	68.9	56.3	96.3





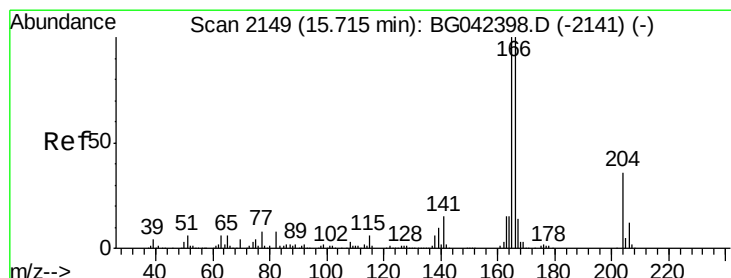
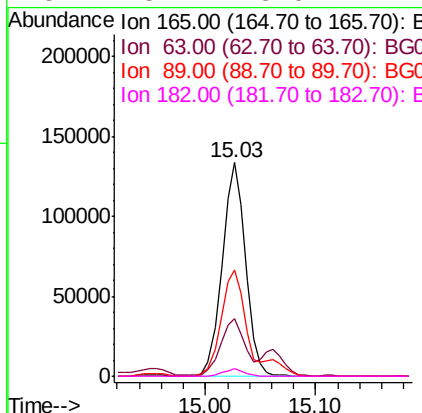
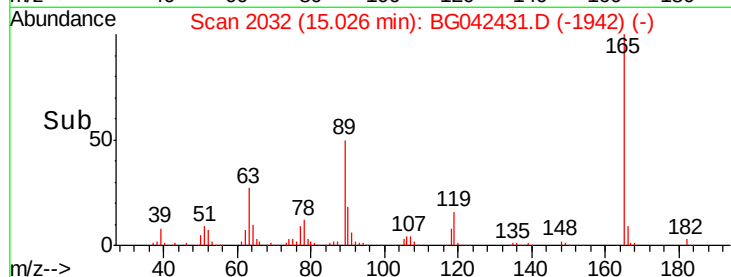
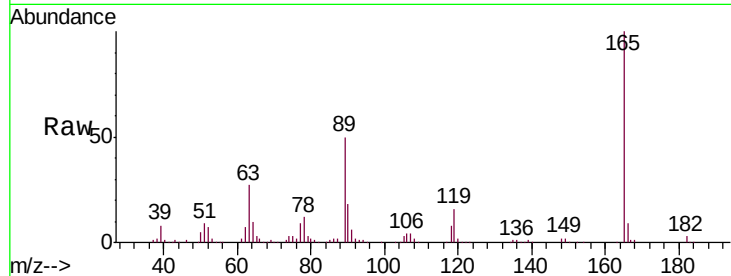
#57
 2,4-Dinitrotoluene
 Concen: 37.644 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		196845		
63	27.0	22.5	33.7		
89	49.5	37.8	56.6		
182	3.4	3.0	4.4		

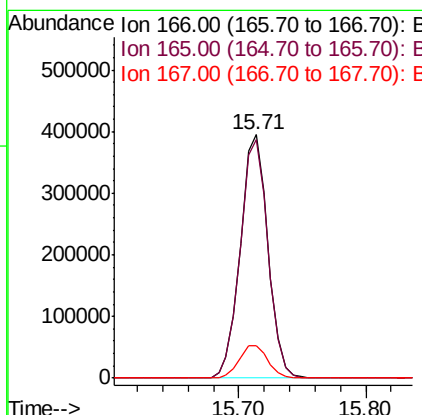
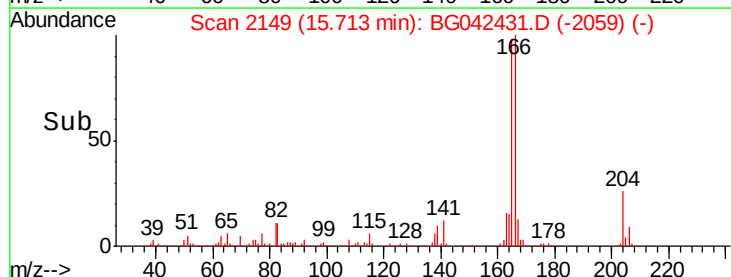
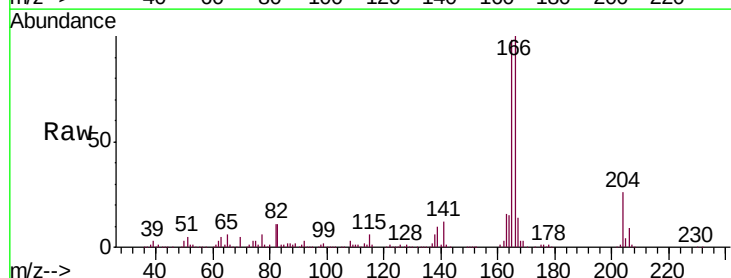
Manual Integrations
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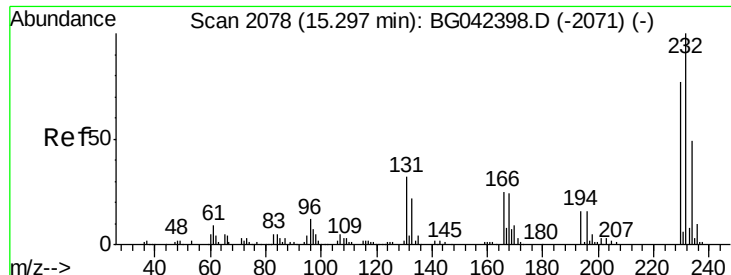
Jagrut
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#58
 Fluorene
 Concen: 39.429 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		593142		
165	97.8	79.7	119.5		
167	13.5	10.9	16.3		





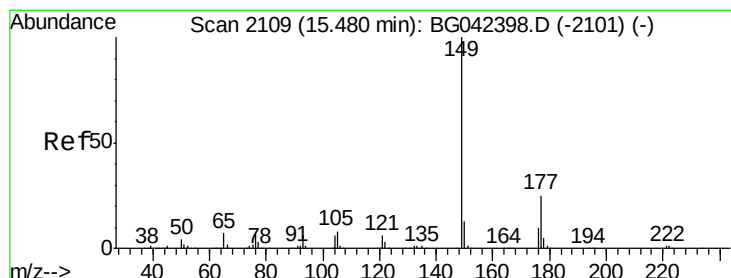
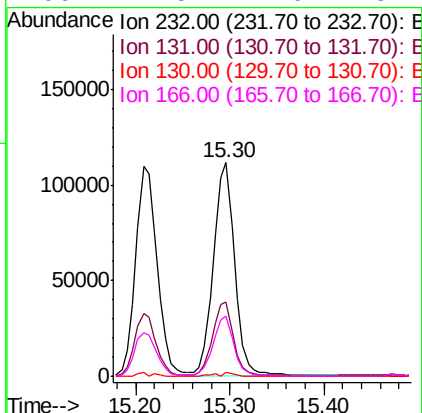
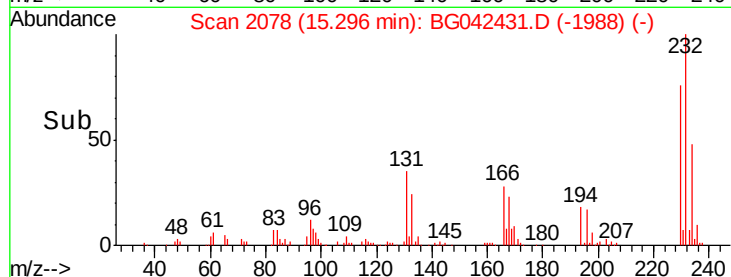
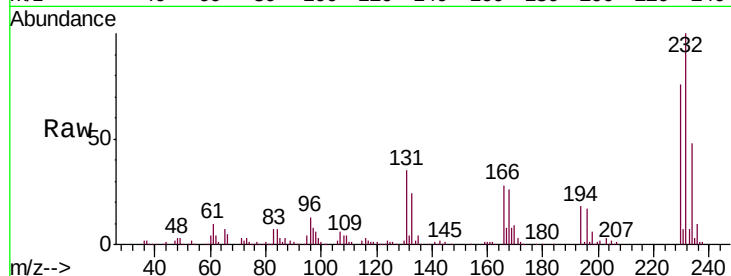
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.614 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	177836		
131	34.3	22.9	34.3	
130	0.9	1.4	2.0	
166	27.5	17.0	25.4	

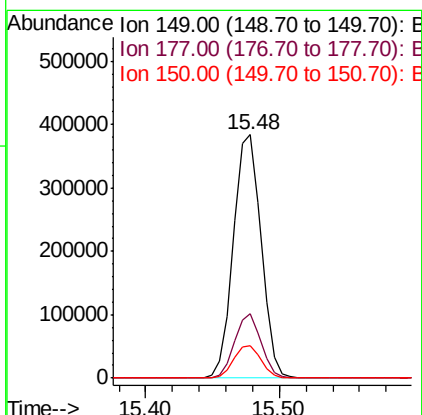
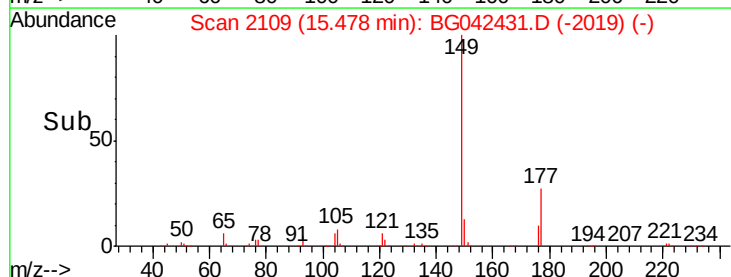
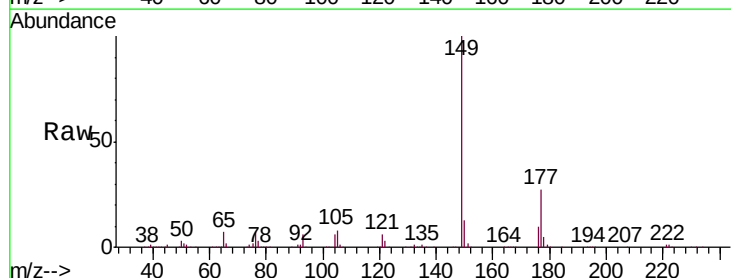
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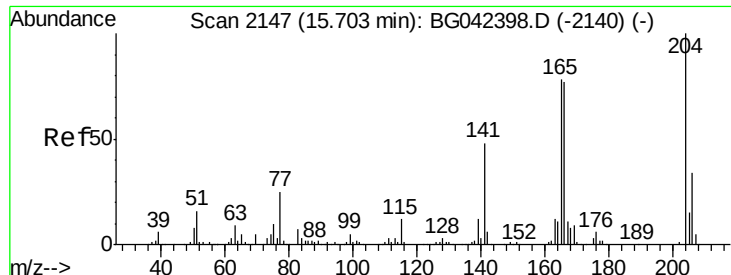
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#60
 Diethylphthalate
 Concen: 36.040 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	555034		
177	26.6	20.4	30.6	
150	13.5	10.3	15.5	





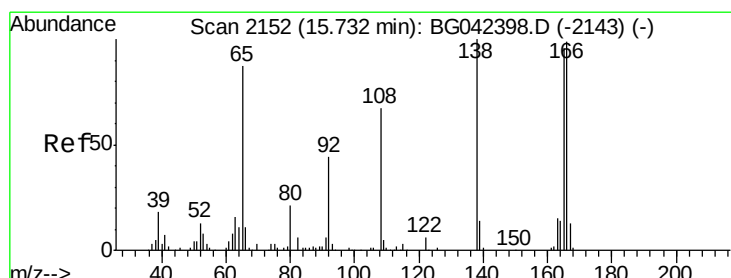
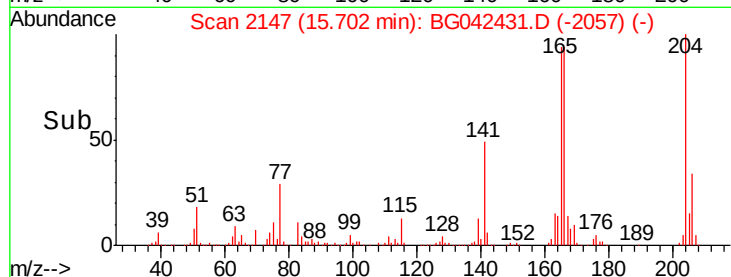
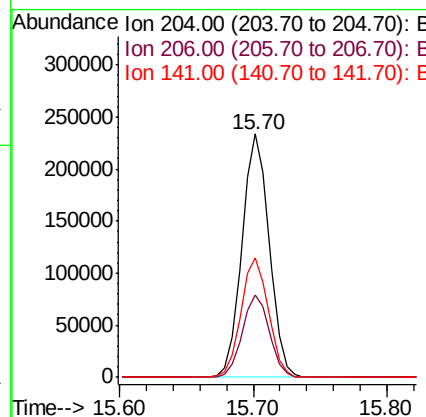
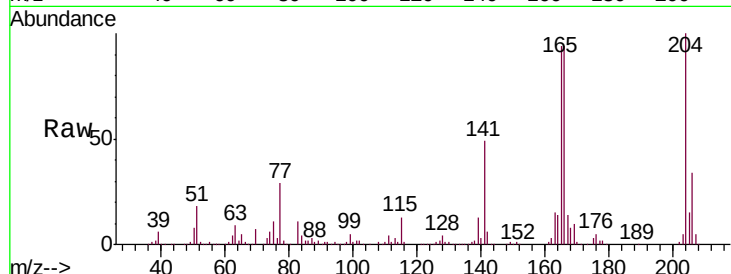
#61
 4-Chlorophenyl-phenylether
 Concen: 36.200 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	328269		
206	33.9		27.2	40.8
141	48.8		38.7	58.1

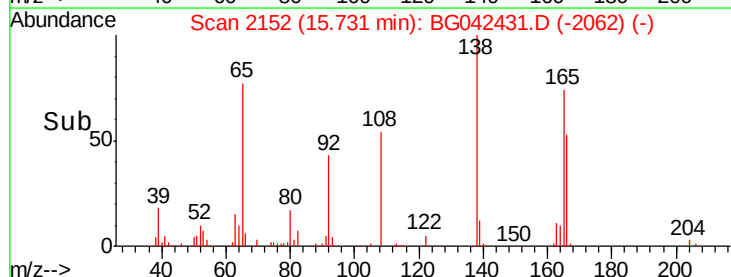
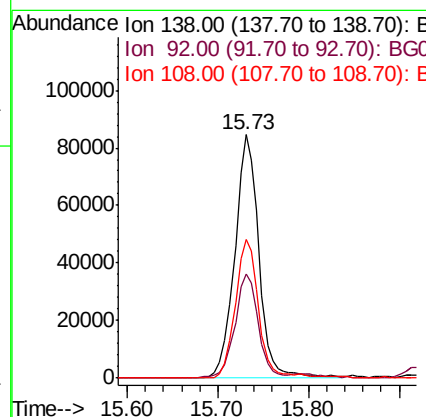
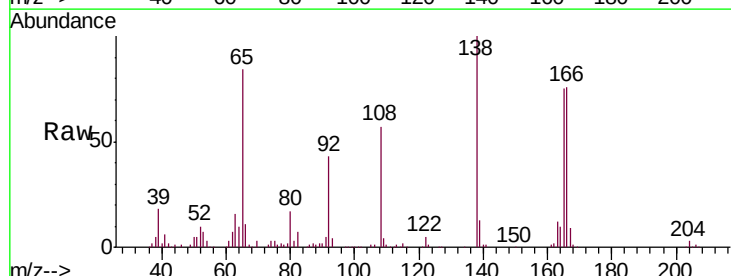
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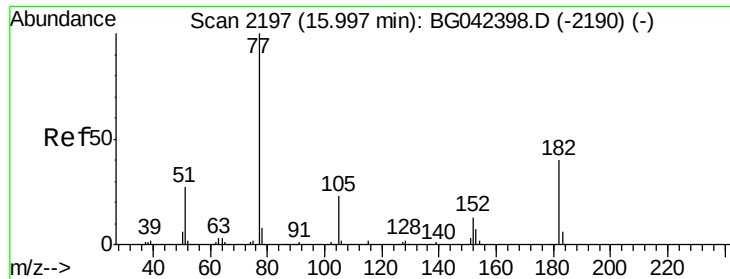
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#62
 4-Nitroaniline
 Concen: 40.228 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	157234		
92	42.6		24.2	64.2
108	57.2		46.8	86.8





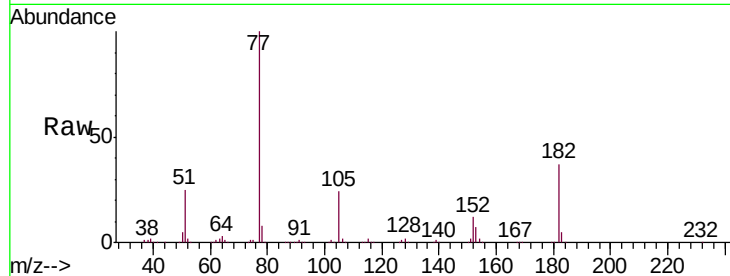
#63
Azobenzene
Concen: 43.360 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

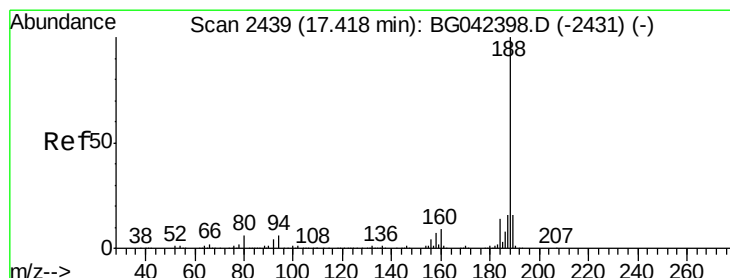
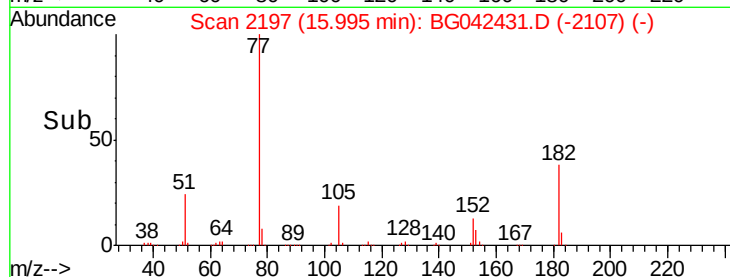
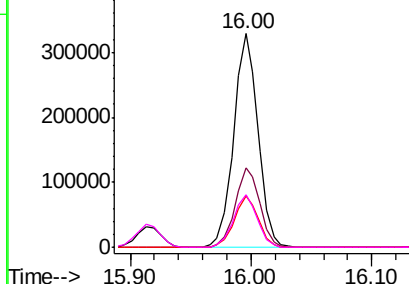
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		457567		
182	37.3	19.9	59.9		
105	24.3	2.9	42.9		
51	24.7	7.6	47.6		

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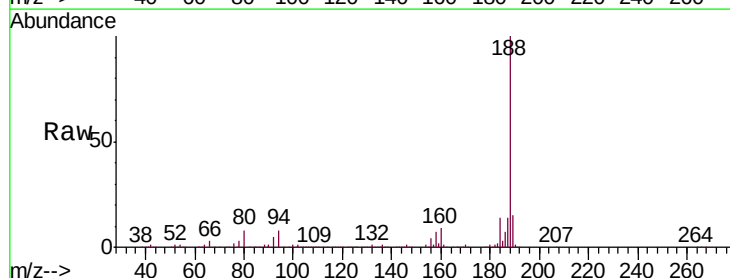


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

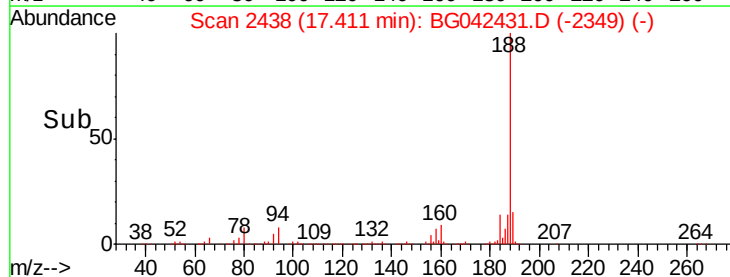
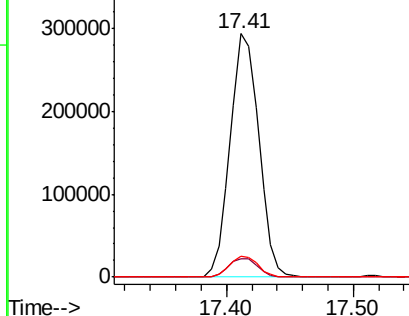


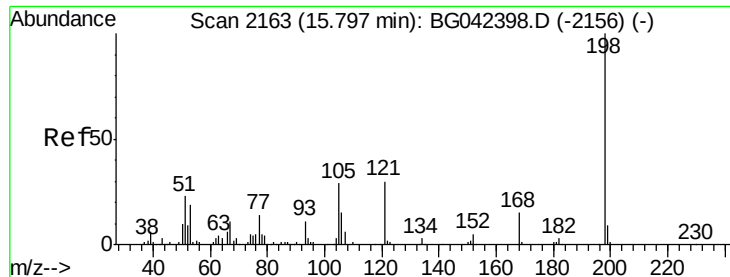
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		460593		
94	7.8	4.5	6.7#		
80	8.4	4.9	7.3#		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 43.632 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

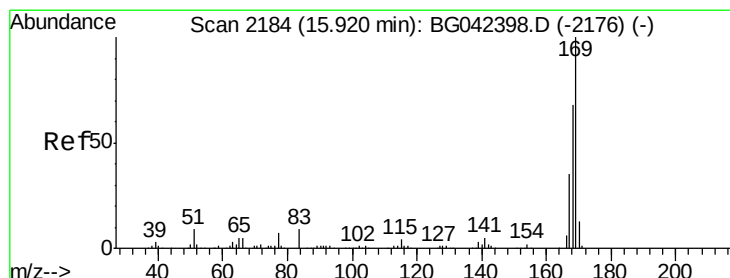
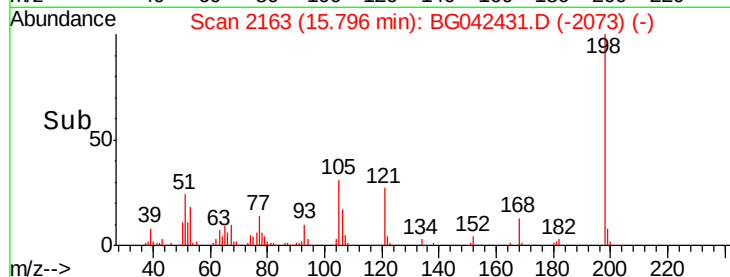
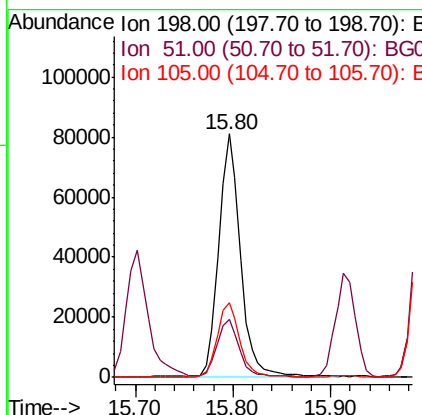
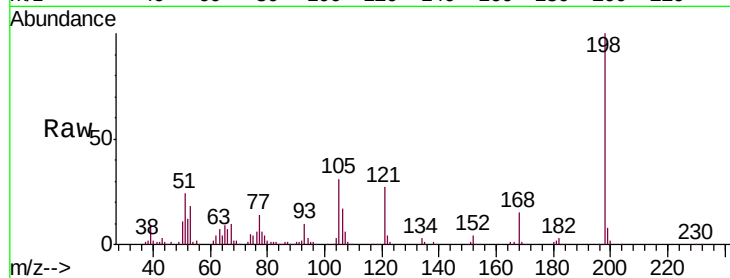
ClientSampled :

PB122423BSD

Tot Ion:	198	Resp:	125998
Ion Ratio	Lower	Upper	
198	100		
51	24.0	4.2	44.2
105	30.6	8.8	48.8

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#66

n-Nitrosodiphenylamine

Concen: 43.518 ng

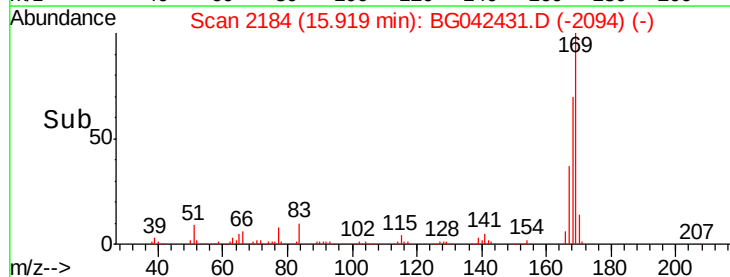
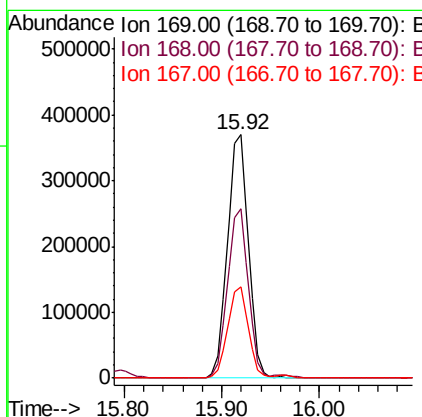
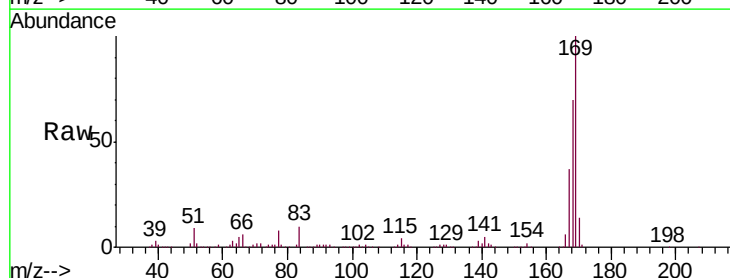
RT: 15.92 min Scan# 2184

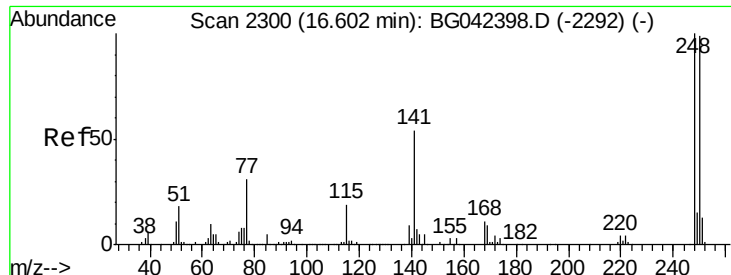
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	169	Resp:	551226
Ion Ratio	Lower	Upper	
169	100		
168	69.7	54.3	81.5
167	37.4	28.2	42.2





#67

4-Bromophenyl-phenylether

Concen: 36.989 ng

RT: 16.60 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

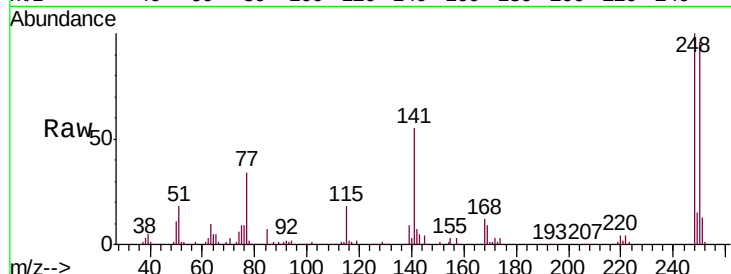
ClientSampleId :

PB122423BSD

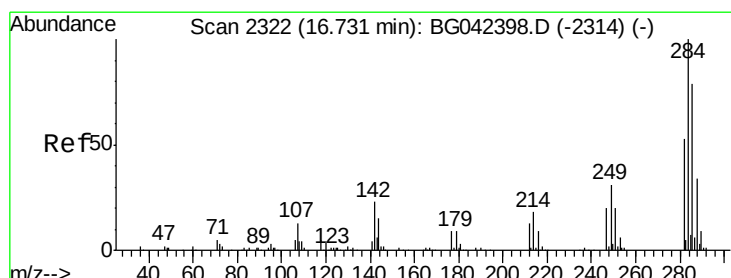
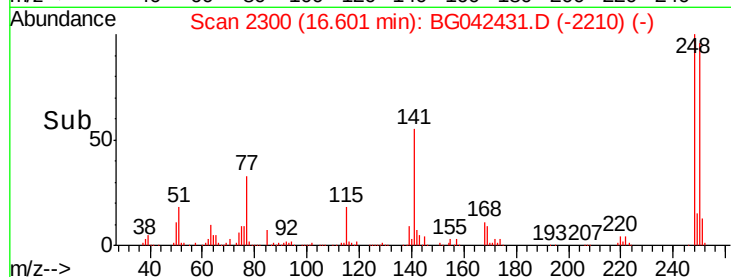
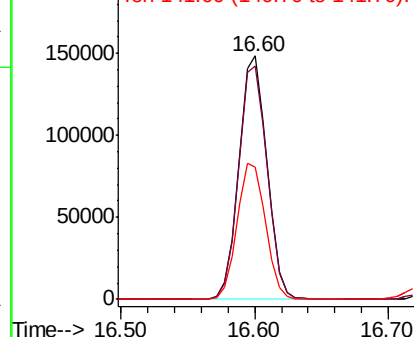
Tot Ion:	248	Resp:	216101
Ion Ratio	Lower	Upper	
248	100		
250	96.1	78.9	118.3
141	54.5	43.3	64.9

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Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 34.633 ng

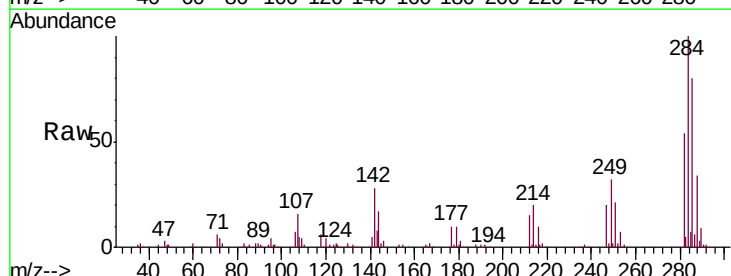
RT: 16.72 min Scan# 2321

Delta R.T. -0.01 min

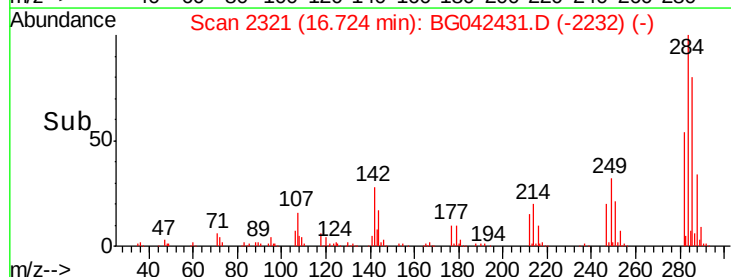
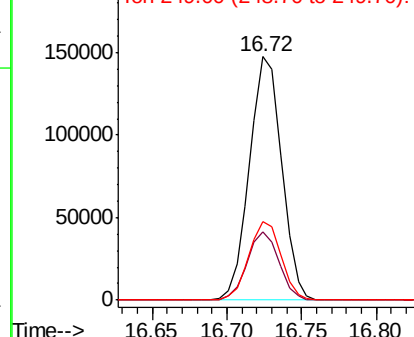
Lab File: BG042431.D

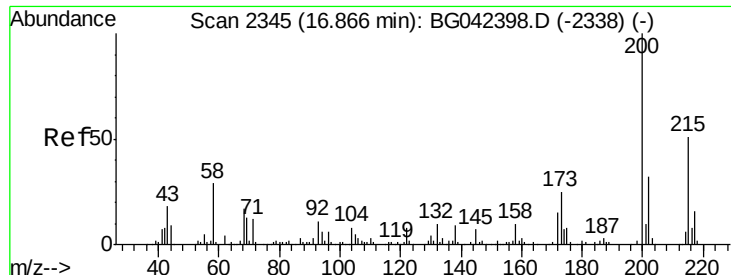
Acq: 23 Aug 2019 13:00

Tgt Ion:	284	Resp:	219954
Ion Ratio	Lower	Upper	
284	100		
142	27.9	18.2	27.4#
249	32.3	25.0	37.4



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





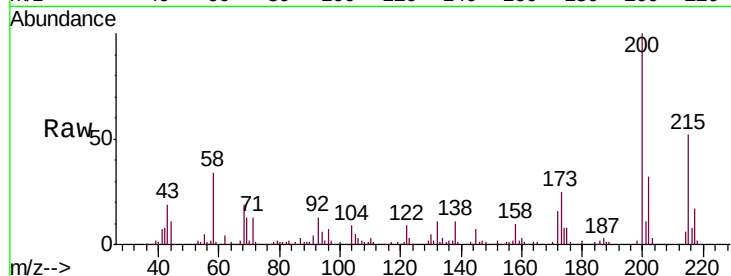
#69
 Atrazine
 Concen: 41.173 ng
 RT: 16.87 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

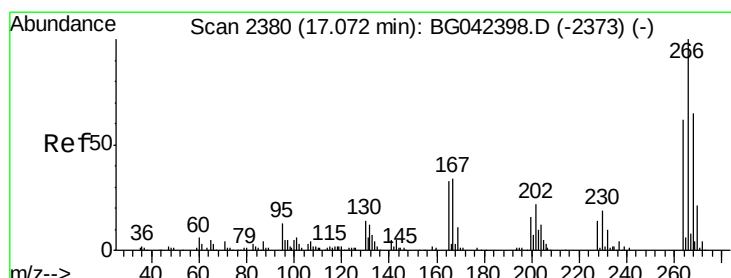
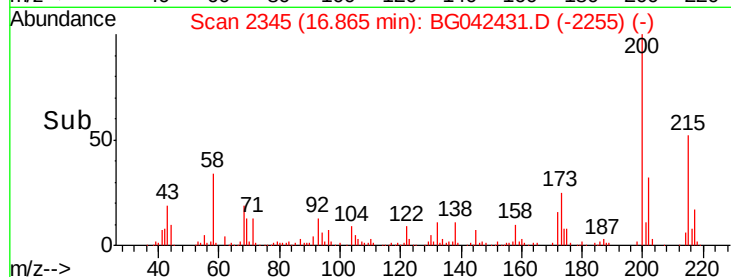
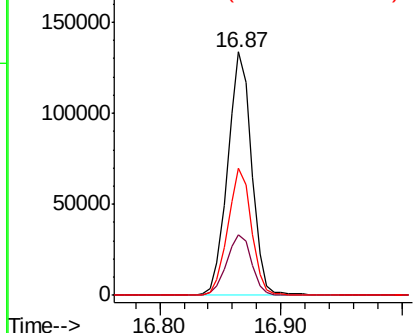
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.8	4.9	44.9
215	52.0	30.7	70.7

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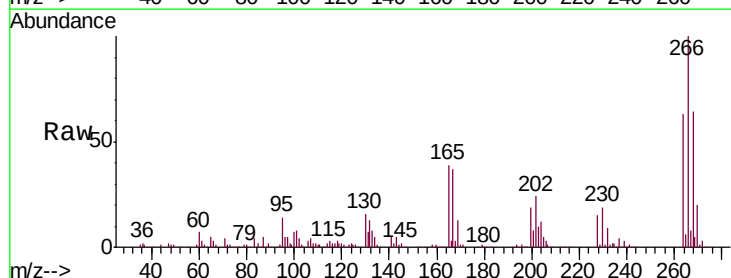


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

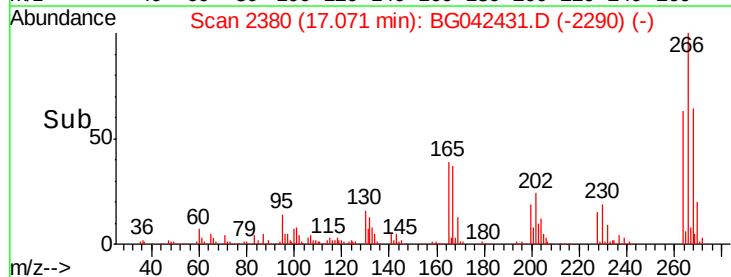
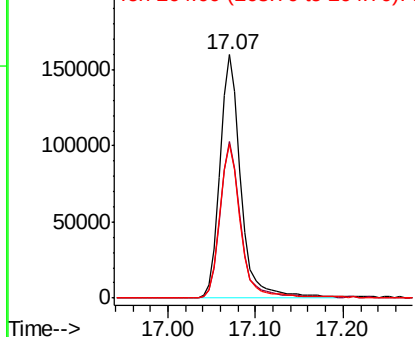


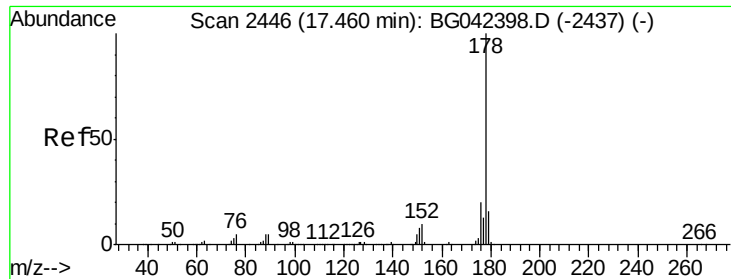
#70
 Pentachlorophenol
 Concen: 80.698 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	52.1	78.1
264	63.3	49.4	74.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.414 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

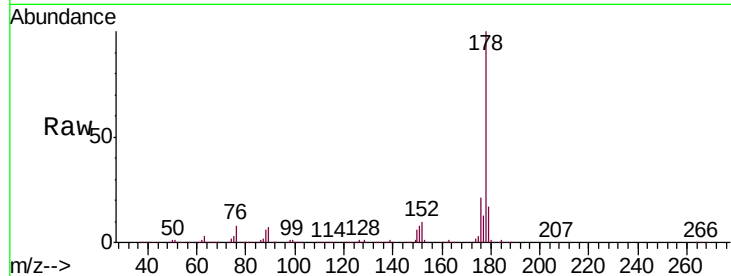
ClientSampleId :

PB122423BSD

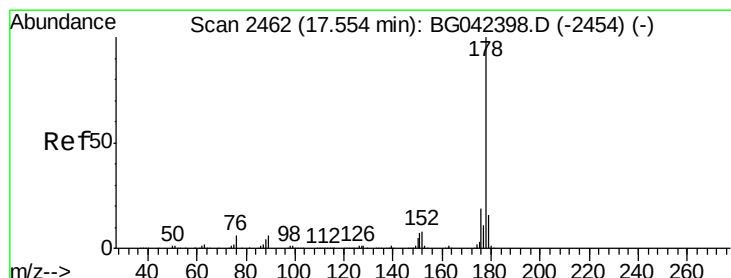
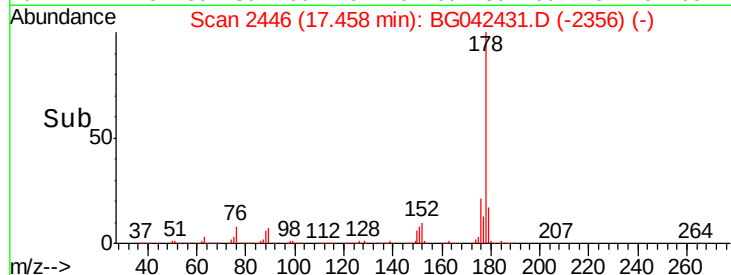
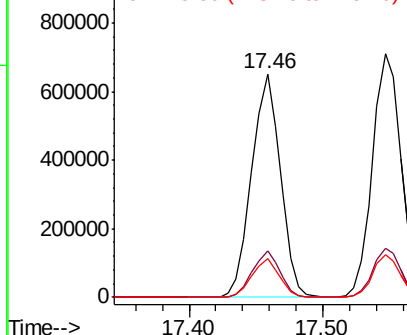
Tot Ion:178	Resp:	970360
Ion Ratio	Lower	Upper
178	100	
176	20.7	15.9 23.9
179	17.2	12.7 19.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.364 ng

RT: 17.55 min Scan# 2461

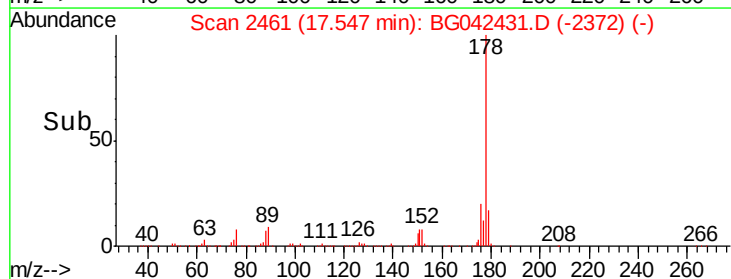
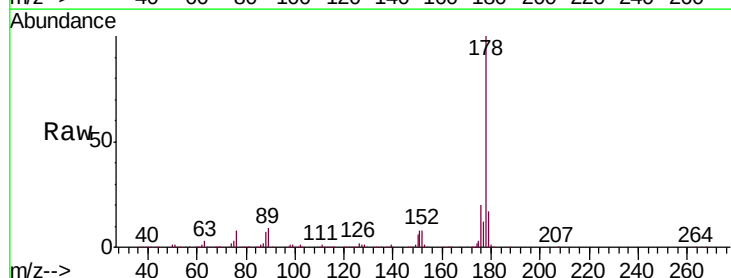
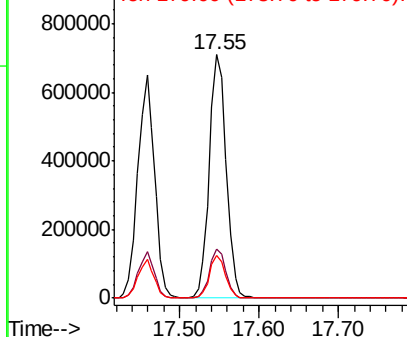
Delta R.T. -0.01 min

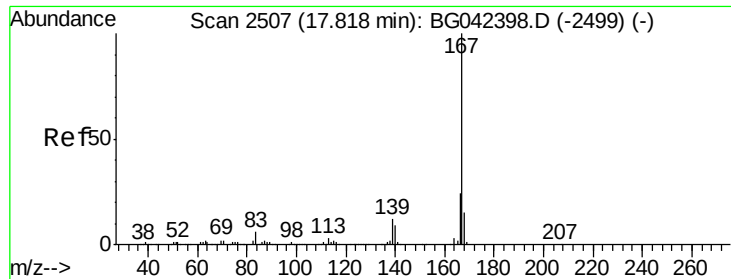
Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:178	Resp:	1058921
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.5 23.3
179	17.5	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





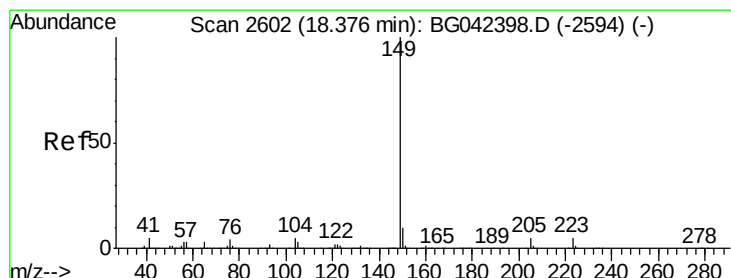
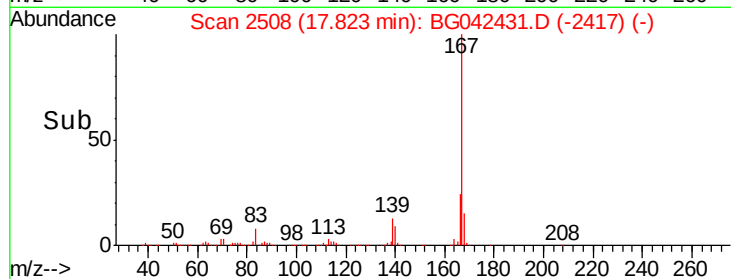
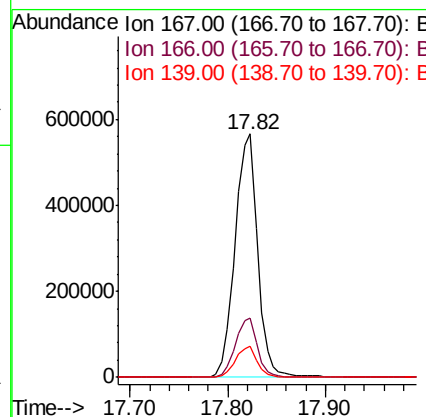
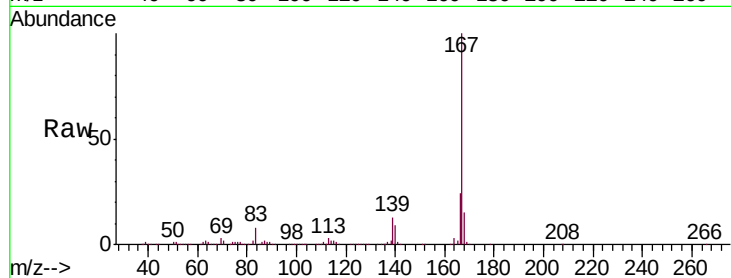
#73
 Carbazole
 Concen: 44.783 ng
 RT: 17.82 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	18.9	28.3
139	12.7	9.8	14.6

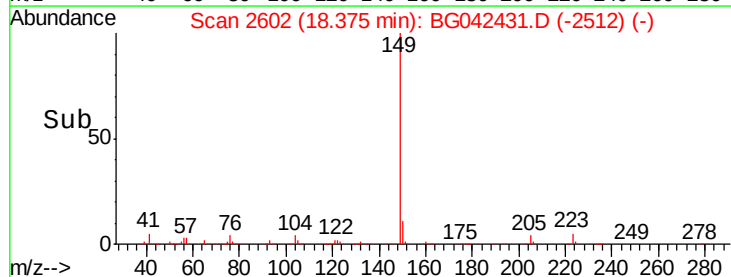
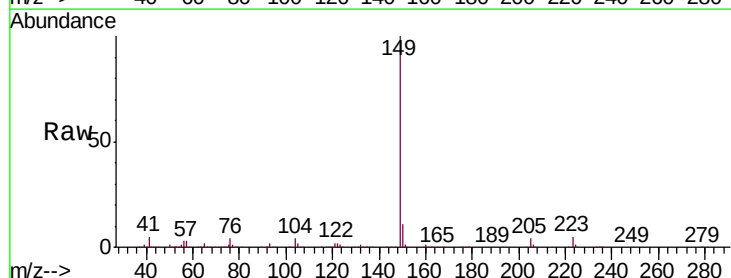
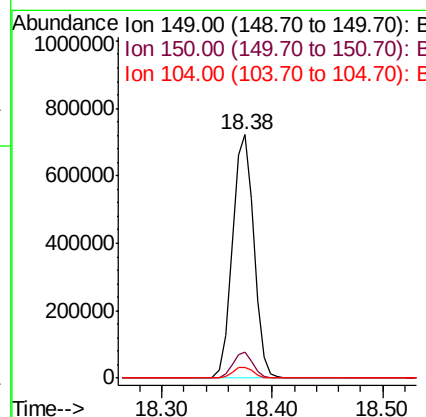
Manual Integrations
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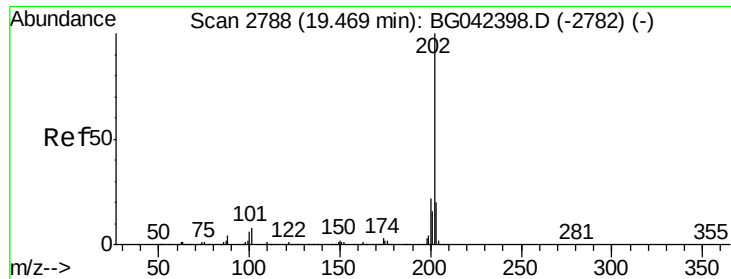
Jagrut
 8/26/2019 2:01:45 PM



#74
 Di-n-butylphthalate
 Concen: 40.781 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.1	12.1
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 41.320 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

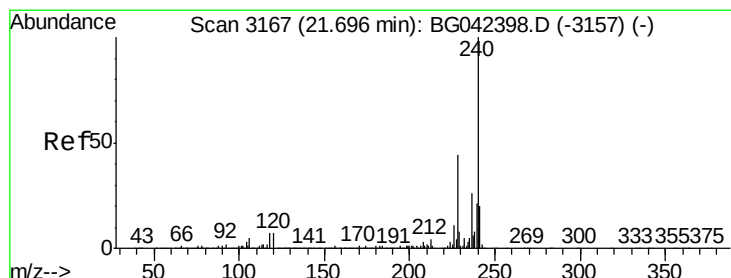
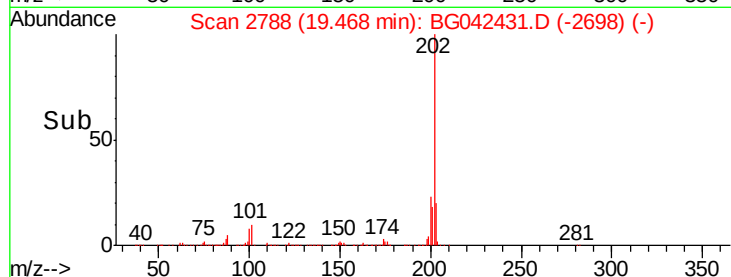
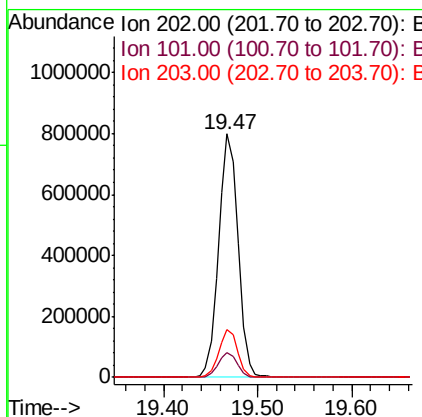
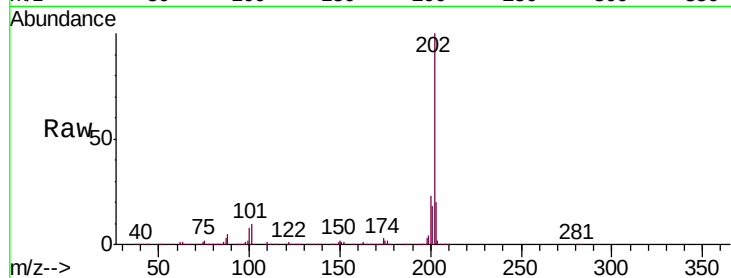
ClientSampleId :

PB122423BSD

Tot Ion:	202	Resp:	1153706
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	28.3
203	19.9	0.0	39.6

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#76

Chrysene-d12

Concen: 20.000 ng

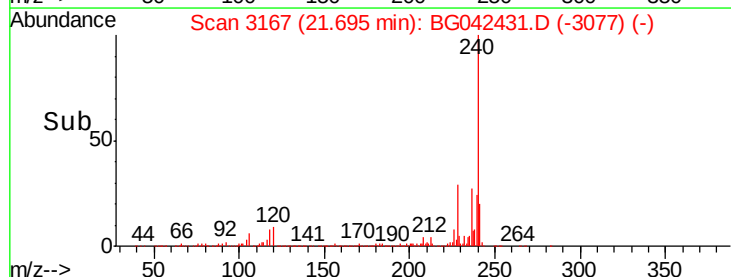
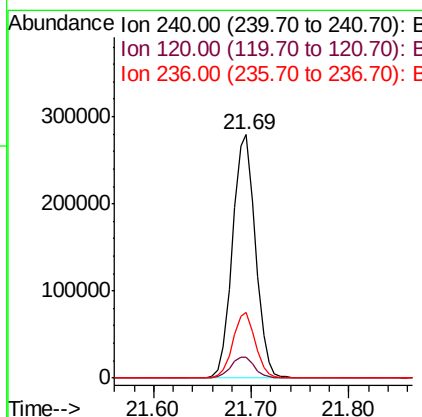
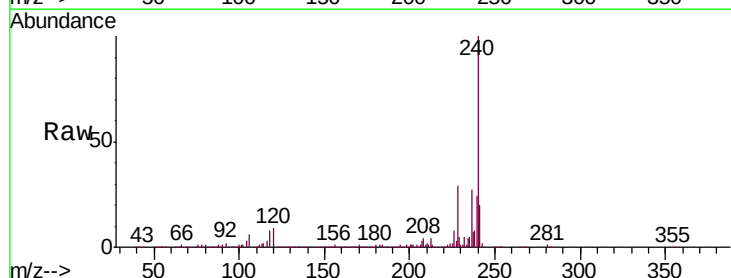
RT: 21.69 min Scan# 3167

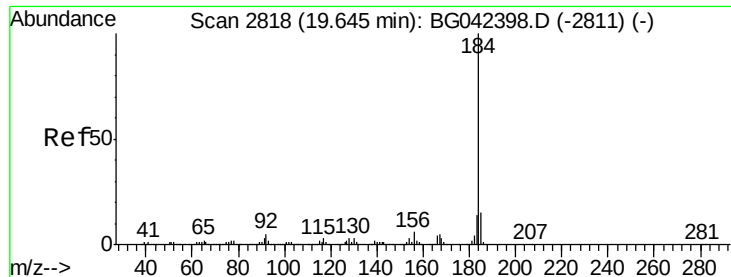
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	240	Resp:	455485
Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.7	8.5#
236	27.0	21.0	31.4





#77

Benzidine

Concen: 55.838 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

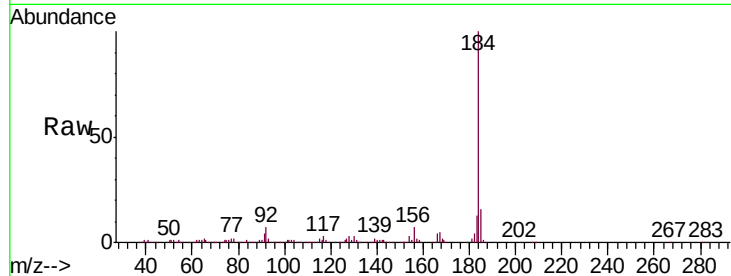
ClientSampleId :

PB122423BSD

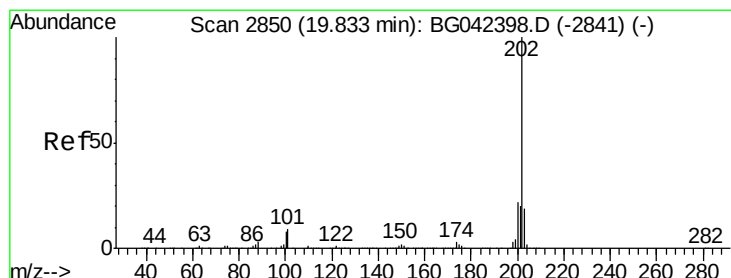
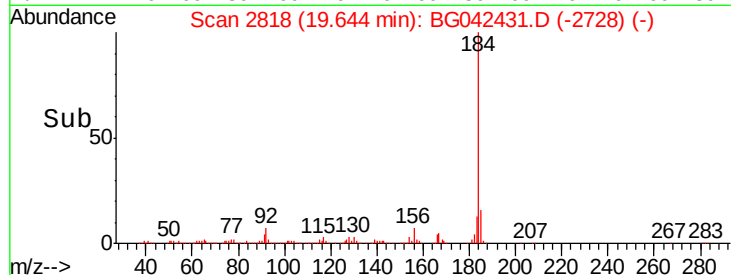
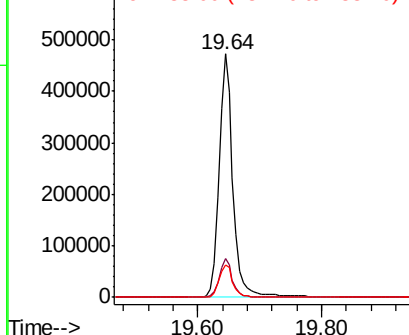
Tot Ion:	184	Resp:	729181
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.2	18.4
183	13.5	10.8	16.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.471 ng

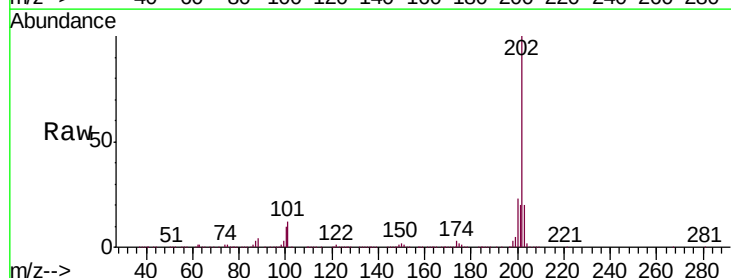
RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

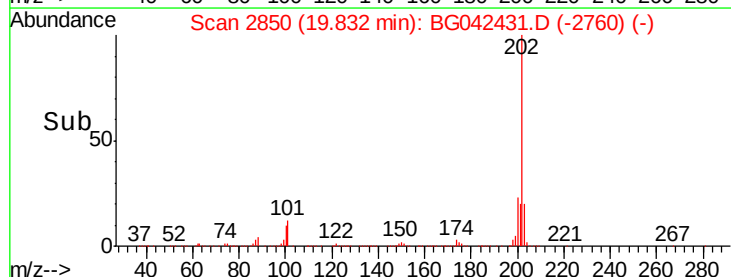
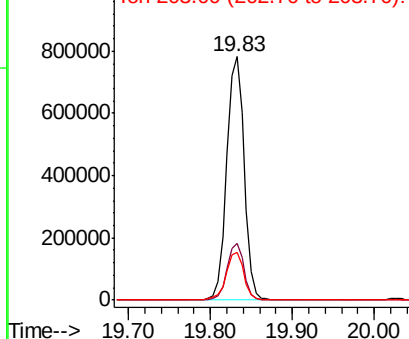
Lab File: BG042431.D

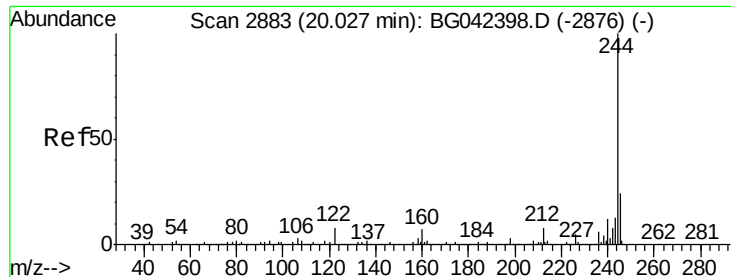
Acq: 23 Aug 2019 13:00

Tgt Ion:	202	Resp:	1158109
Ion Ratio	Lower	Upper	
202	100		
200	23.2	17.8	26.6
203	19.6	15.5	23.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.544 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

ClientSampleId :

PB122423BSD

Tot Ion:244 Resp: 1380925

Ion Ratio Lower Upper

244 100

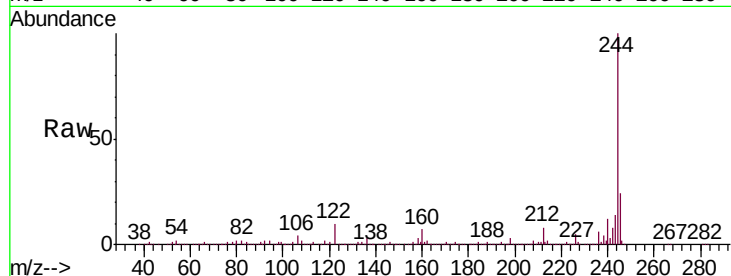
212 8.0 6.0 9.0

122 10.3 6.7 10.1#

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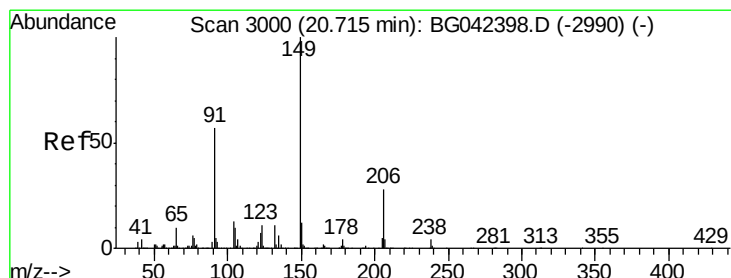
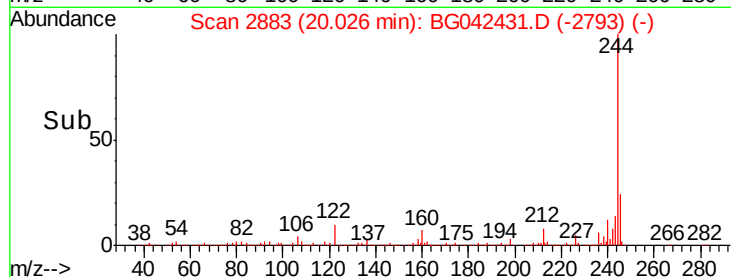
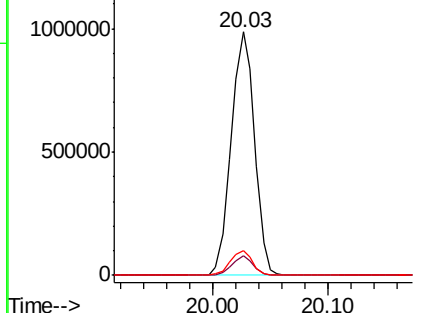
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.039 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

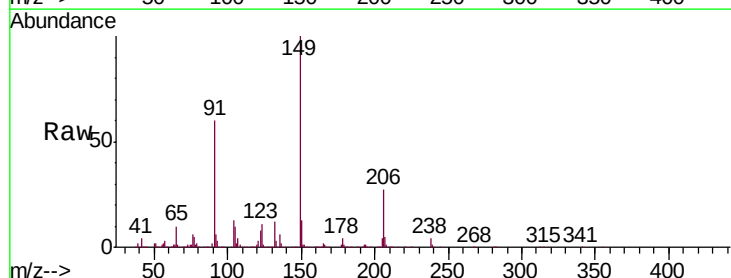
Tgt Ion:149 Resp: 494694

Ion Ratio Lower Upper

149 100

91 60.1 45.9 68.9

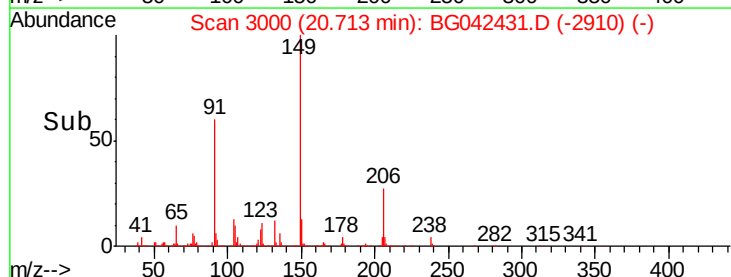
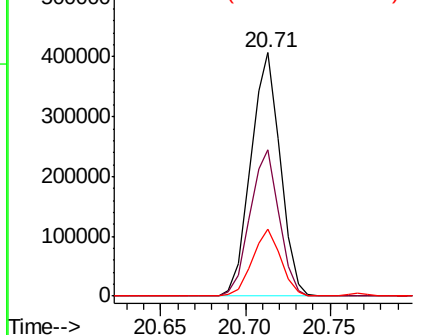
206 27.3 22.5 33.7

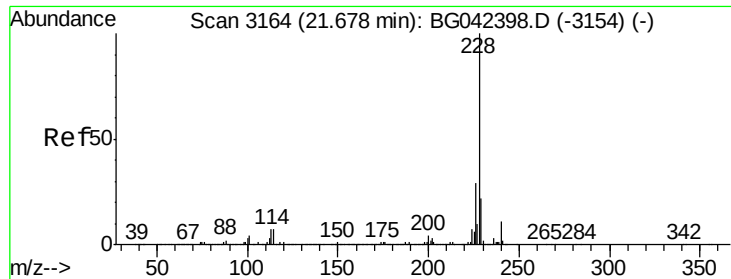


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.896 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

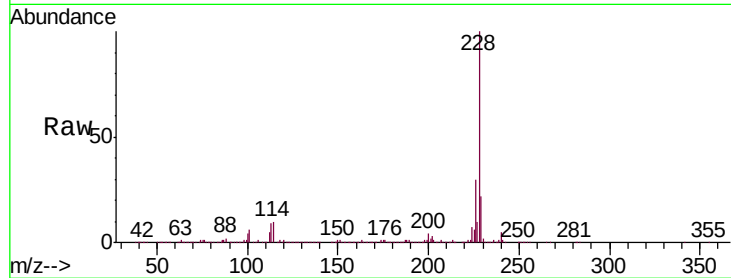
ClientSampleId :

PB122423BSD

Tot Ion:	228	Resp:	1133135
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.2	17.4	26.2

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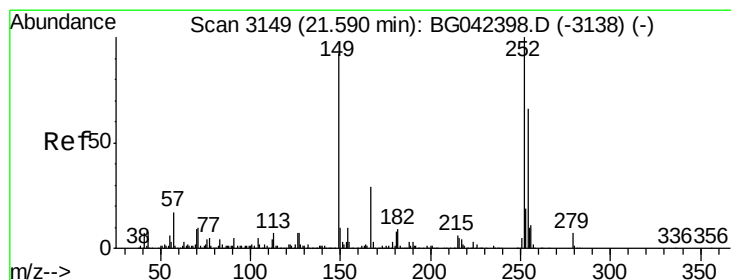
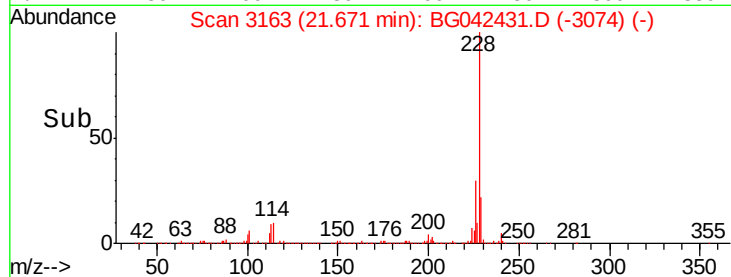
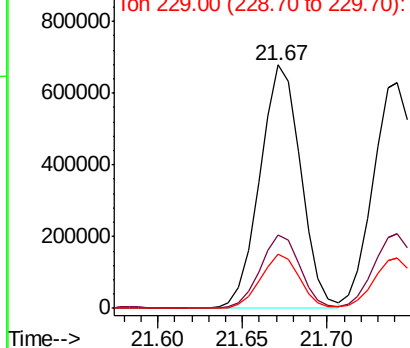


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.783 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

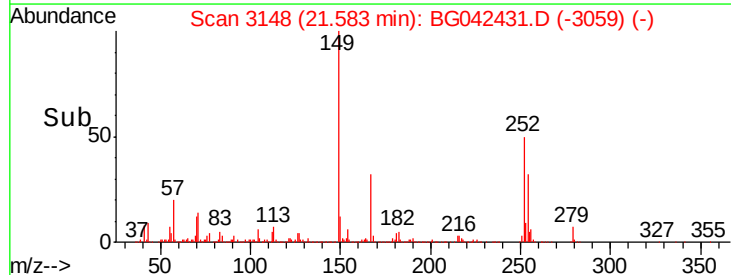
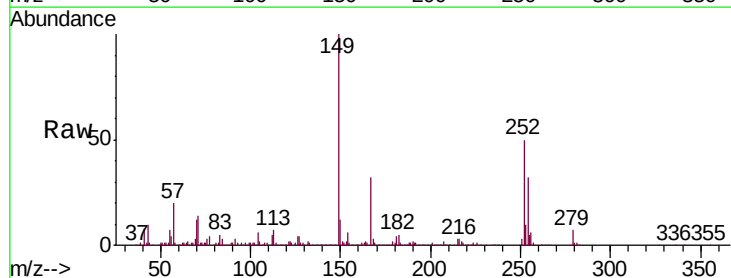
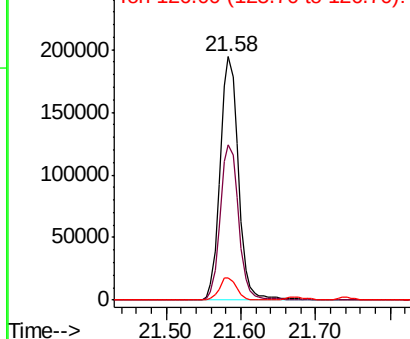
Tgt Ion:	252	Resp:	331888
Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.0	79.4
126	8.9	5.7	8.5#

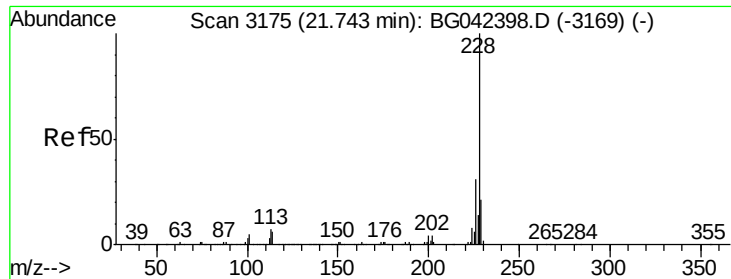
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





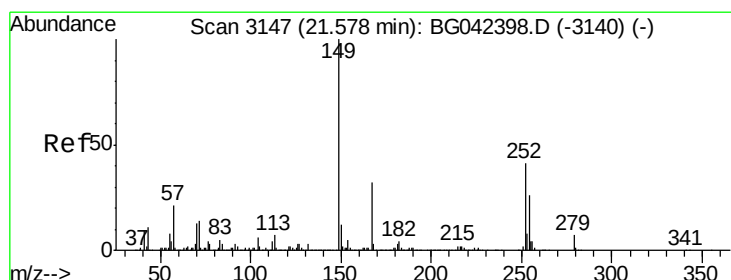
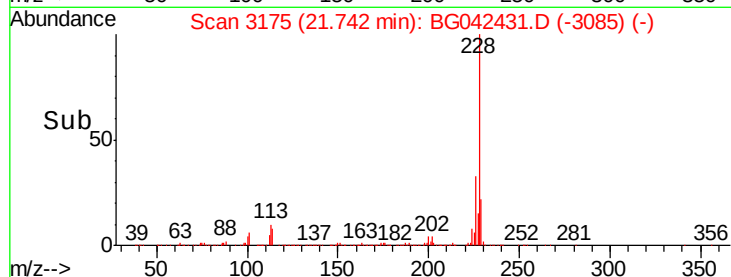
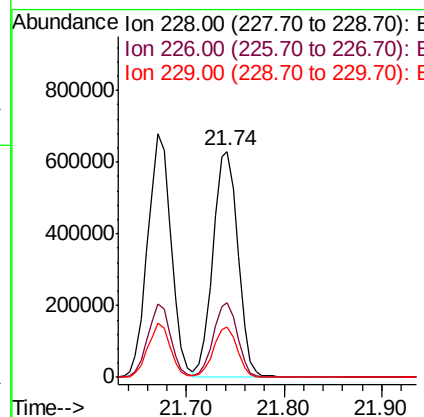
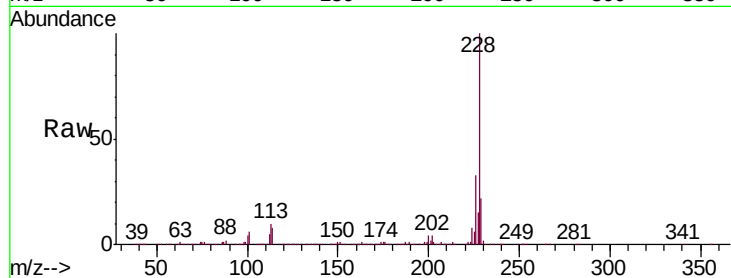
#83
 Chrysene
 Concen: 41.698 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Instrument :
 BNA_G
 ClientSampleId :
 PB122423BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	22.3	16.9	25.3

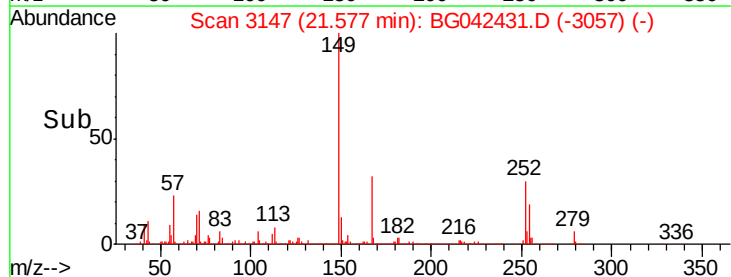
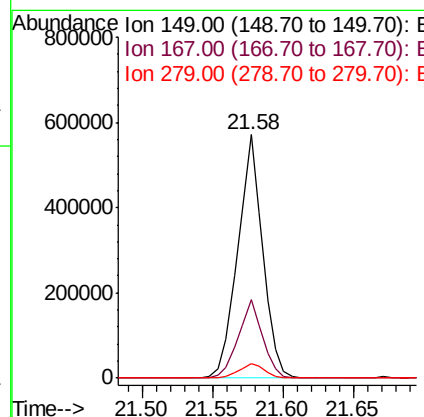
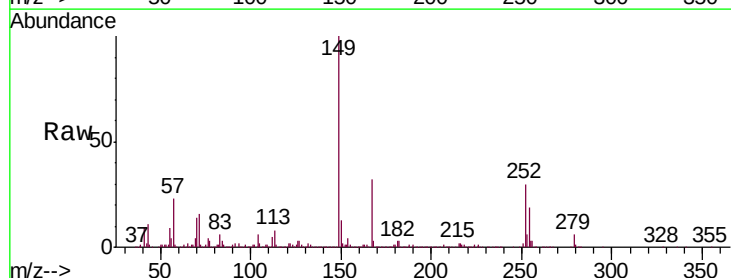
Manual Integrations
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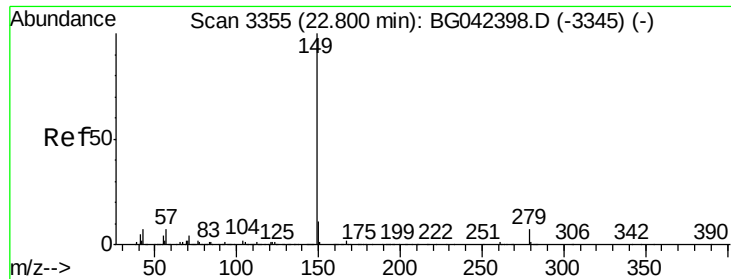
Jagrut
 8/26/2019 2:01:45 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.710 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042431.D
 Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.4	26.0	39.0
279	5.9	5.4	8.0





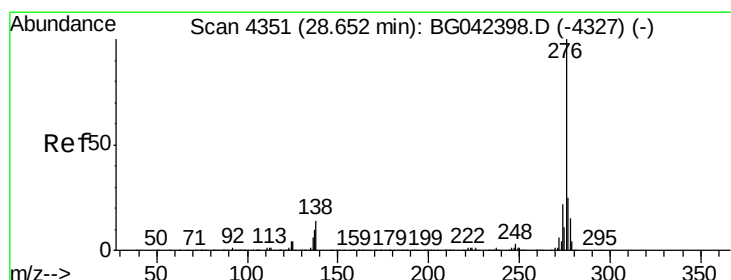
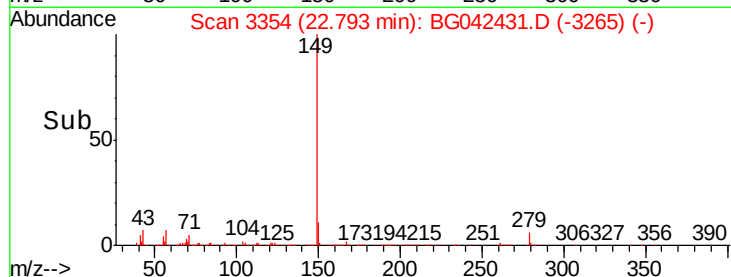
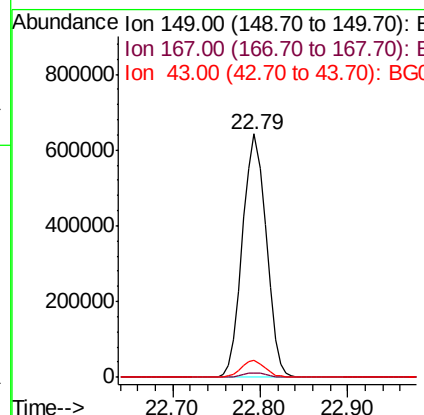
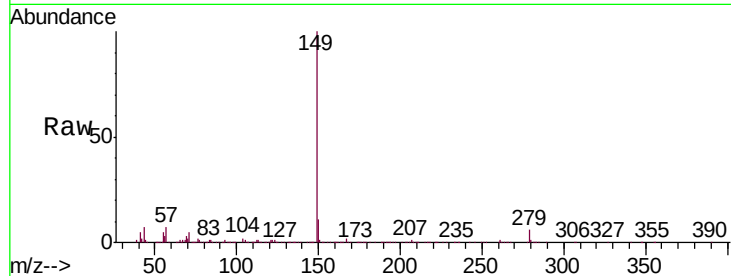
#85
Di-n-octyl phthalate
Concen: 44.794 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.7	5.3	7.9

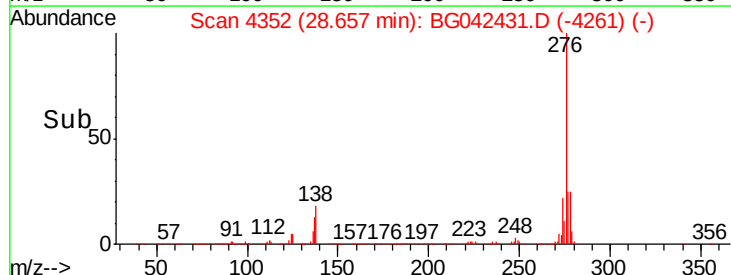
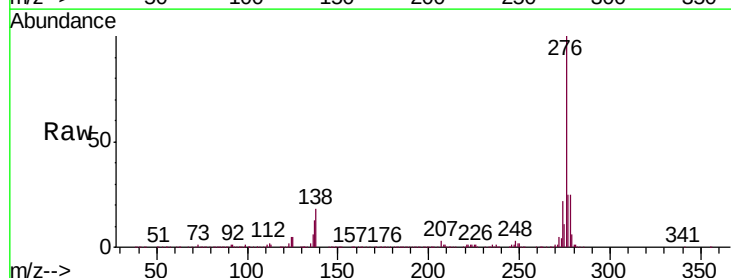
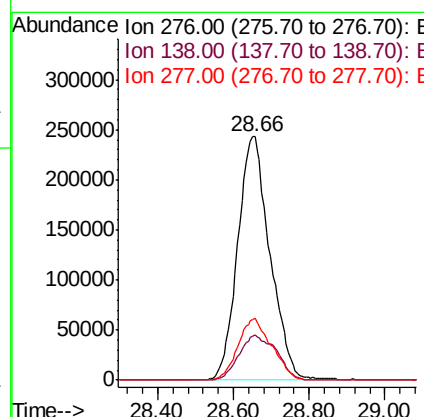
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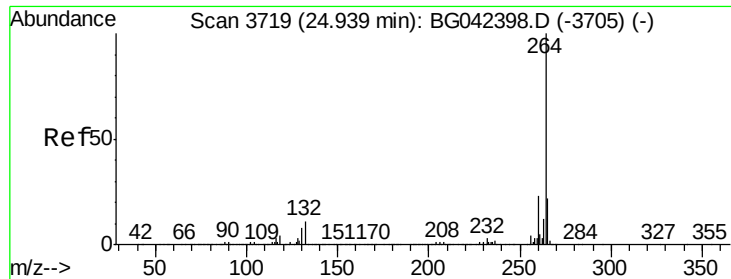
Jagrut
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.684 ng
RT: 28.66 min Scan# 4352
Delta R.T. 0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	9.2	13.8#
277	26.3	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

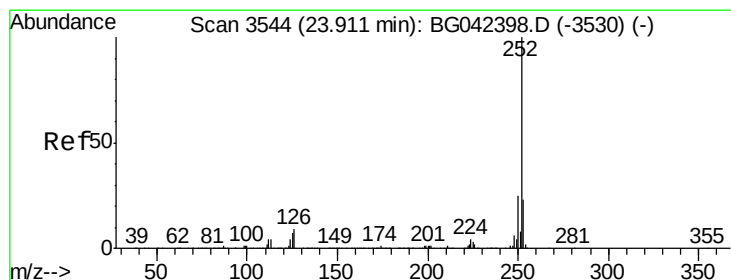
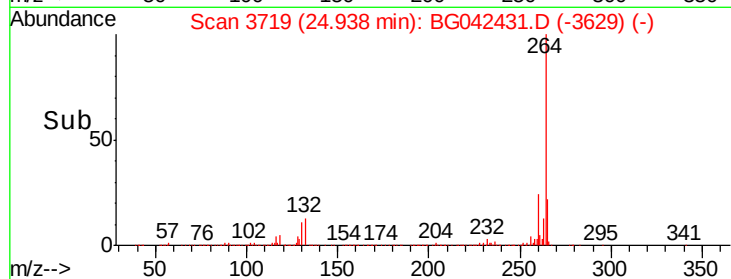
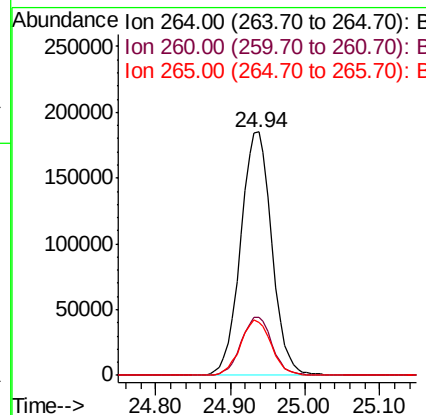
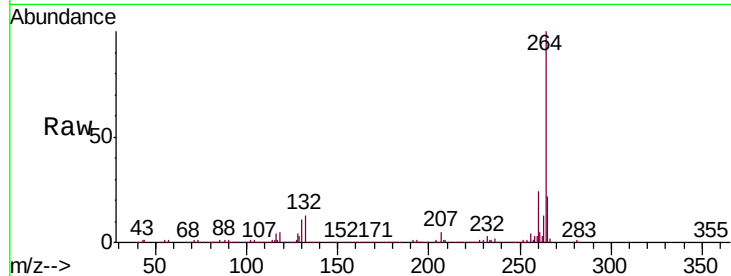
ClientSampleId :

PB122423BSD

Tot Ion:	264	Resp:	536274
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.5	27.7
265	21.9	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 41.590 ng

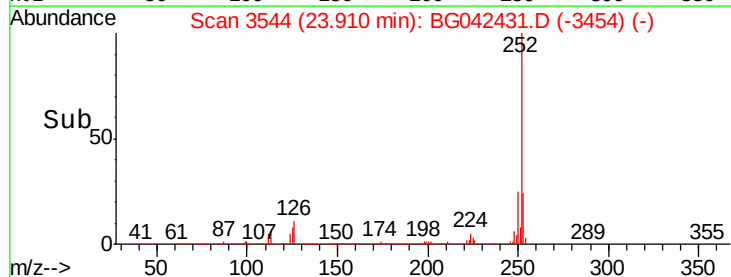
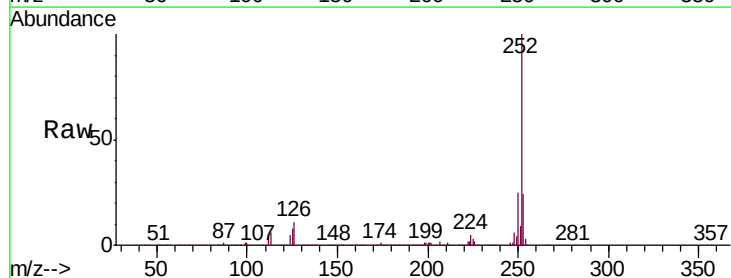
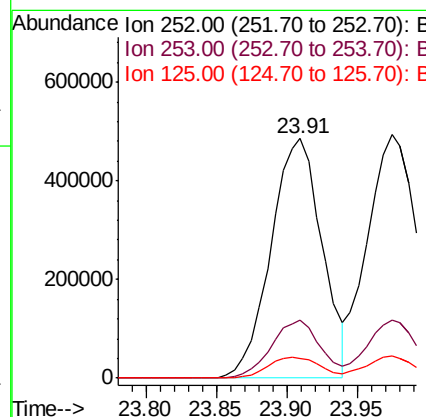
RT: 23.91 min Scan# 3544

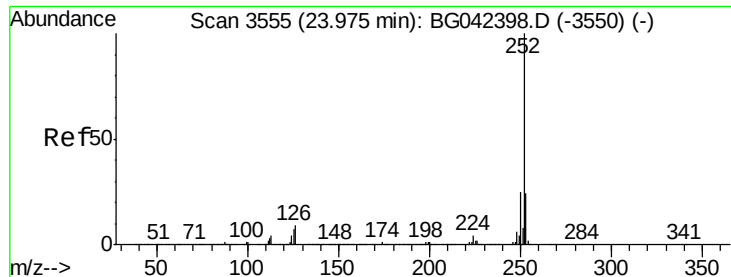
Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Tgt Ion:	252	Resp:	1226175
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.6	27.8
125	8.4	5.6	8.4





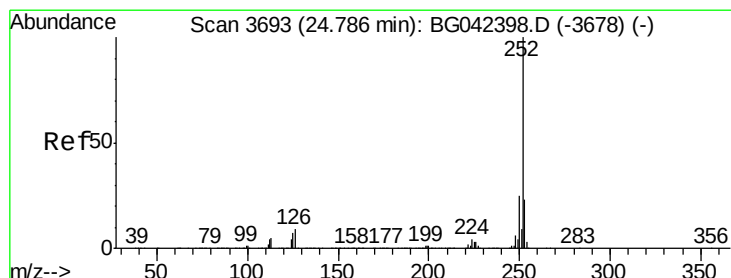
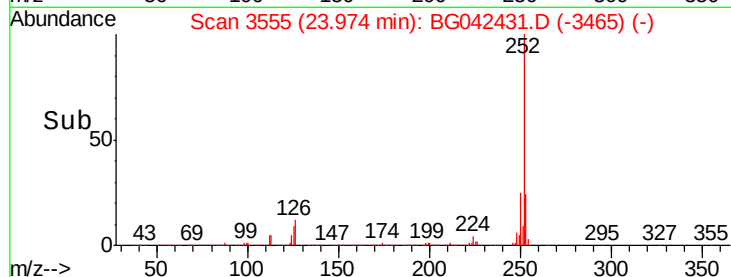
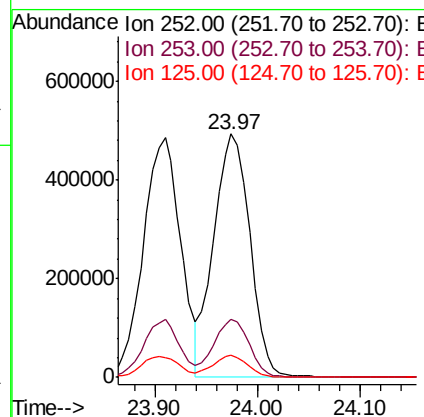
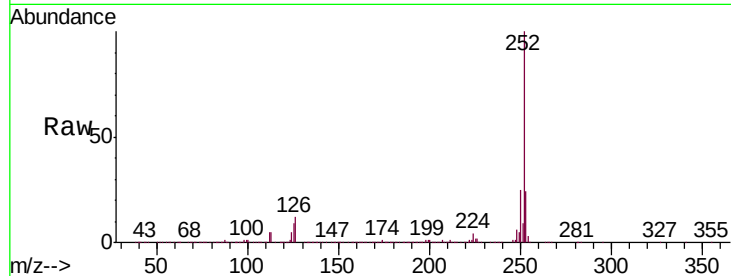
#89
Benzo(k)fluoranthene
Concen: 42.846 ng m
RT: 23.97 min Scan# 3555
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Instrument :
BNA_G
ClientSampleId :
PB122423BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	9.0	5.8	8.6

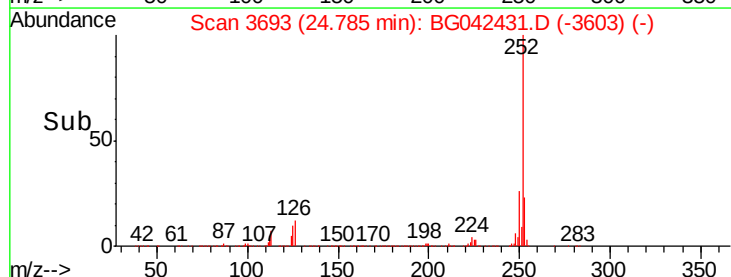
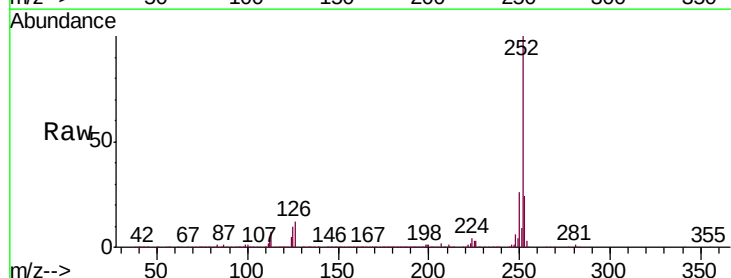
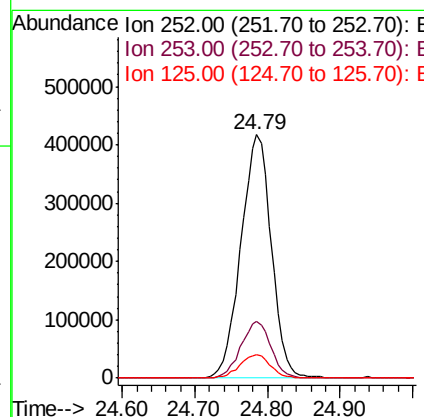
Manual Integrations
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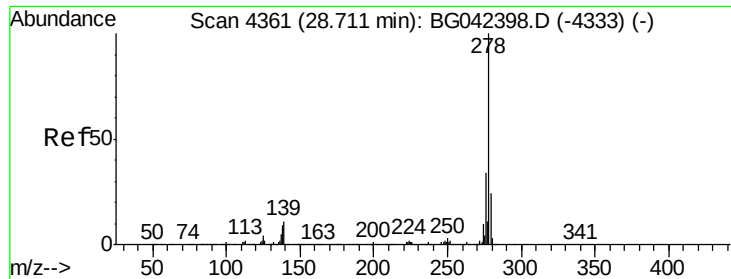
Jagrut
8/26/2019 2:01:45 PM



#90
Benzo(a)pyrene
Concen: 43.423 ng
RT: 24.79 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BG042431.D
Acq: 23 Aug 2019 13:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	9.9	6.0	9.0





#91

Dibenzo(a,h)anthracene

Concen: 42.046 ng

RT: 28.71 min Scan# 4361

Delta R.T. -0.00 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

Instrument :

BNA_G

ClientSampleId :

PB122423BSD

Tot Ion:278 Resp: 1191008

Ion Ratio Lower Upper

278 100

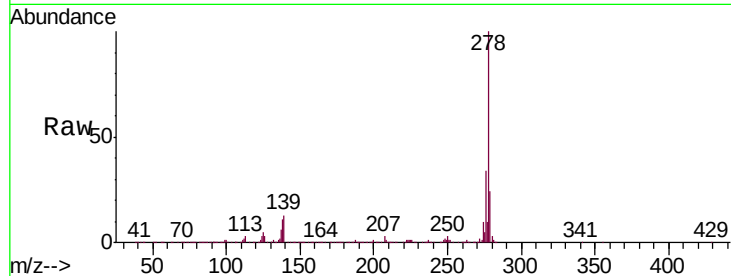
139 13.2 8.8 13.2#

279 24.5 19.1 28.7

Manual Integrations
APPROVED

Jagrut

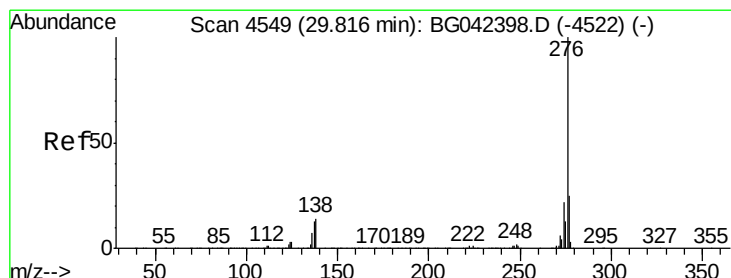
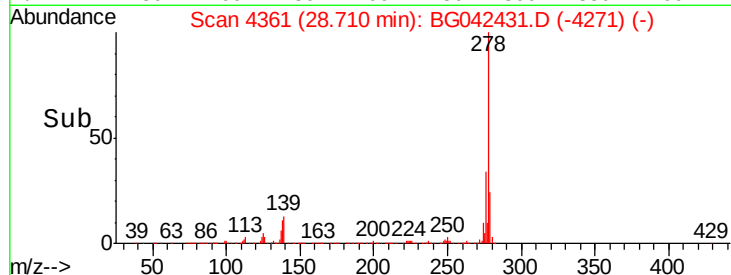
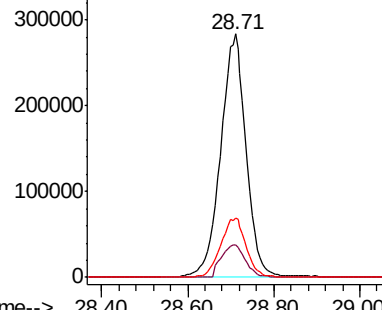
8/26/2019 2:01:45 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.919 ng

RT: 29.80 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042431.D

Acq: 23 Aug 2019 13:00

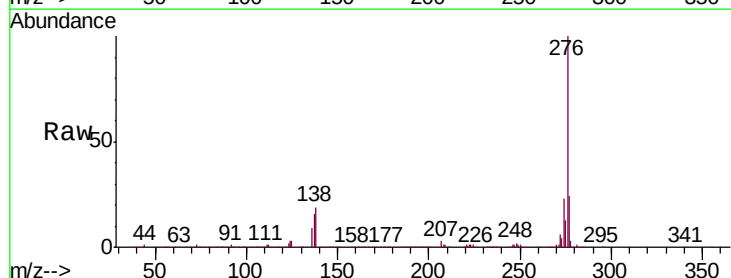
Tgt Ion:276 Resp: 1187590

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 19.0 11.4 17.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

