

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020819\
 Data File : BG039429.D
 Acq On : 8 Feb 2019 23:49
 Operator : JU/SJ
 Sample : K1348-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Manual Integrations
 APPROVED

Sohil
 2/11/2019 10:13:56 AM

Quant Time: Feb 09 00:42:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	53287	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	220815	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	148015	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	358563	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	369192	20.00	ng	-0.02
87) Perylene-d12	25.21	264	383998	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	447489	143.73	ng	0.00
7) Phenol-d6	7.32	99	602649	131.50	ng	0.00
23) Nitrobenzene-d5	9.35	82	407196	115.20	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	256343	160.83	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	949035	91.98	ng	-0.01
79) Terphenyl-d14	20.13	244	1551850	88.97	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	53082	38.976	ng	# 39
3) Pyridine	4.02	79	112924	31.317	ng	96
4) n-Nitrosodimethylamine	3.93	42	78304	43.423	ng	83
6) Aniline	7.50	93	76147	13.265	ng	98
8) 2-Chlorophenol	7.73	128	172835	50.785	ng	97
9) Benzaldehyde	7.32	77	94213	41.644	ng	99
10) Phenol	7.34	94	207173	43.366	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	174800	46.305	ng	95
12) 1,3-Dichlorobenzene	8.06	146	179585	43.559	ng	99
13) 1,4-Dichlorobenzene	8.21	146	183213	44.585	ng	99
14) 1,2-Dichlorobenzene	8.53	146	176359	44.332	ng	96
15) Benzyl Alcohol	8.41	79	170853	47.486	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	329624	38.666	ng	99
17) 2-Methylphenol	8.60	107	150750	48.762	ng	96
18) Hexachloroethane	9.26	117	64037	45.295	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	141833	43.604	ng	92
20) 3+4-Methylphenols	8.93	107	206145	48.422	ng	98
22) Acetophenone	9.01	105	268862	45.328	ng	# 95
24) Nitrobenzene	9.39	77	205710	53.871	ng	95
25) Isophorone	9.91	82	397721	50.777	ng	98
26) 2-Nitrophenol	10.11	139	98743	60.753	ng	98
27) 2,4-Dimethylphenol	10.15	122	178173	56.232	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	240336	49.815	ng	98
29) 2,4-Dichlorophenol	10.63	162	193745	55.947	ng	91
30) 1,2,4-Trichlorobenzene	10.85	180	194487	50.023	ng	99
31) Naphthalene	11.05	128	556786	50.827	ng	99
32) Benzoic acid	10.20	122	8292m	12.266	ng	
33) 4-Chloroaniline	11.16	127	12378	2.437	ng	96
34) Hexachlorobutadiene	11.31	225	126177	48.800	ng	95
35) Caprolactam	11.93	113	50674	35.362	ng	92
36) 4-Chloro-3-methylphenol	12.25	107	203096	50.711	ng	95
37) 2-Methylnaphthalene	12.64	142	420043	51.771	ng	99
38) 1-Methylnaphthalene	12.86	142	402847	51.508	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	231072	49.066	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	271517	105.804	nq	100
43) 2,4,6-Trichlorophenol	13.23	196	157315	54.329	nq	99
44) 2,4,5-Trichlorophenol	13.30	196	168373	55.480	nq	98
46) 1,1'-Biphenyl	13.64	154	563218	45.733	nq	99
47) 2-Chloronaphthalene	13.68	162	434412	46.890	nq	98
48) 2-Nitroaniline	13.89	65	144019	53.058	nq	91
49) Acenaphthylene	14.52	152	696350	49.813	nq	99
50) Dimethylphthalate	14.25	163	575252	48.121	nq	99
51) 2,6-Dinitrotoluene	14.38	165	126215	55.332	nq	97
52) Acenaphthene	14.86	154	437178	48.178	nq	99
53) 3-Nitroaniline	14.71	138	29007	16.373	nq	# 86
54) 2,4-Dinitrophenol	14.90	184	18665	28.238	nq	92
55) Dibenzofuran	15.19	168	693341	47.655	nq	98
56) 4-Nitrophenol	14.99	139	160351	74.608	nq	91
57) 2,4-Dinitrotoluene	15.16	165	180826	60.709	nq	# 86
58) Fluorene	15.84	166	548916	50.611	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	155518	54.730	nq	96
60) Diethylphthalate	15.60	149	571779	46.261	nq	98
61) 4-Chlorophenyl-phenylether	15.83	204	293951	47.865	nq	97
62) 4-Nitroaniline	15.87	138	128782	51.078	nq	91
63) Azobenzene	16.12	77	523743	43.354	nq	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	27735	25.242	nq	98
66) n-Nitrosodiphenylamine	16.04	169	502215	46.063	nq	99
67) 4-Bromophenyl-phenylether	16.73	248	191580	48.162	nq	94
68) Hexachlorobenzene	16.83	284	197153	49.400	nq	97
69) Atrazine	16.98	200	199338	50.031	nq	99
70) Pentachlorophenol	17.18	266	120875	43.577	nq	98
71) Phenanthrene	17.58	178	918833	49.511	nq	99
72) Anthracene	17.68	178	924241	50.561	nq	98
73) Carbazole	17.95	167	824165	45.177	nq	99
74) Di-n-butylphthalate	18.48	149	980887	46.088	nq	99
75) Fluoranthene	19.59	202	1101579	51.141	nq	99
77) Benzidine	19.76	184	84514	6.982	nq	100
78) Pyrene	19.95	202	1119666	48.717	nq	99
80) Butylbenzylphthalate	20.81	149	468839	48.358	nq	95
81) Benzo(a)anthracene	21.81	228	1111121	50.933	nq	99
82) 3,3'-Dichlorobenzidine	21.72	252	96195	11.892	nq	94
83) Chrysene	21.88	228	1036885	49.930	nq	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	650409	47.024	nq	99
85) Di-n-octyl phthalate	22.95	149	1109059	48.534	nq	96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1169576	52.492	nq	# 96
88) Benzo(b)fluoranthene	24.13	252	1097054	52.386	nq	97
89) Benzo(k)fluoranthene	24.21	252	1057102	50.279	nq	98
90) Benzo(a)pyrene	25.06	252	1058930	52.505	nq	98
91) Dibenzo(a,h)anthracene	29.18	278	952554	50.433	nq	98
92) Benzo(g,h,i)perylene	30.34	276	931093	49.458	nq	98

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

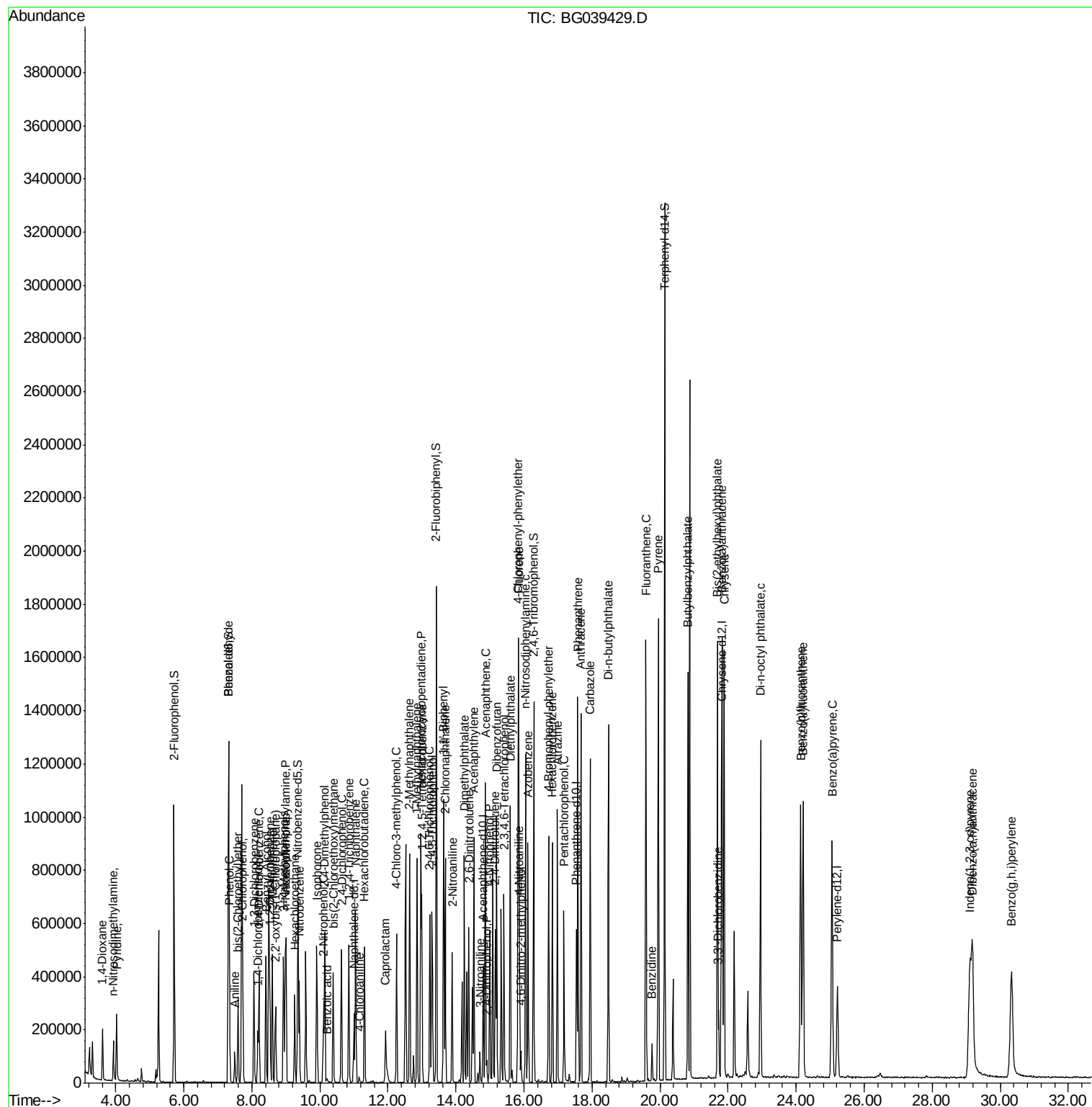
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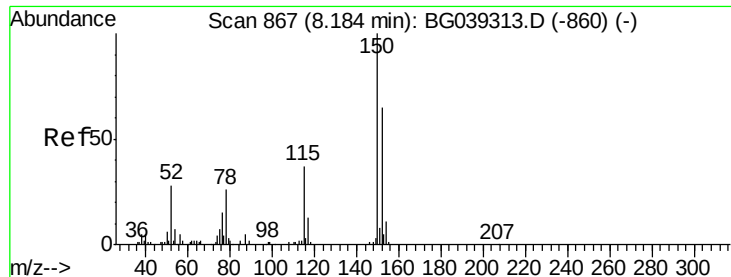
Instrument :
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#1

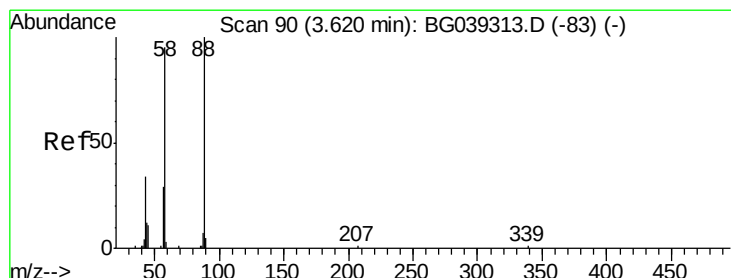
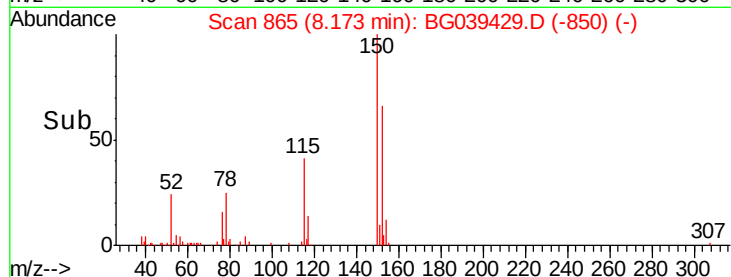
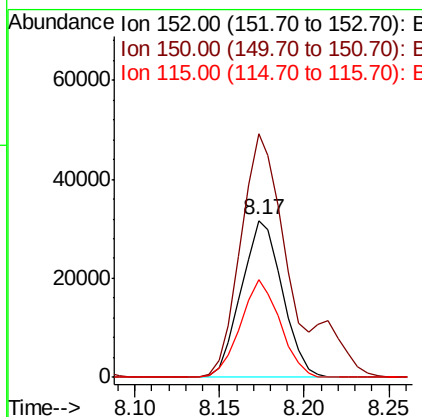
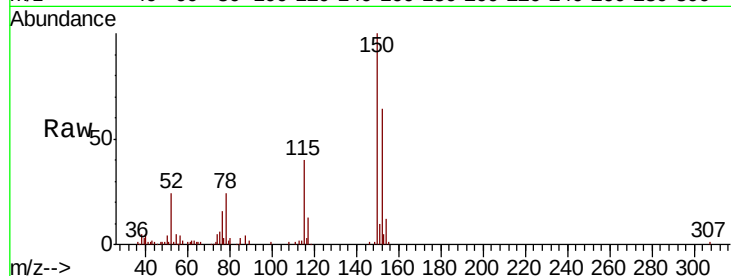
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	61.9	45.9	68.9

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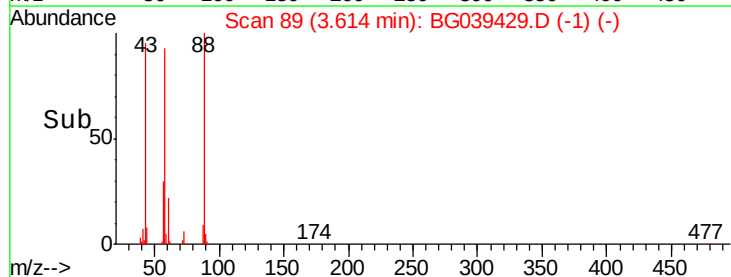
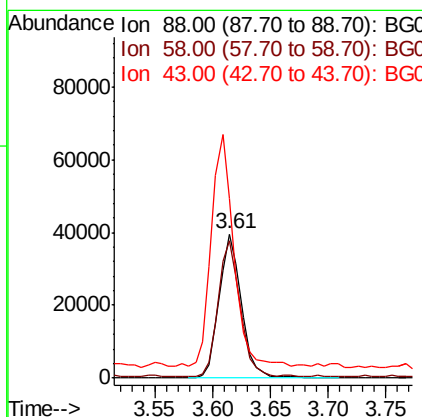
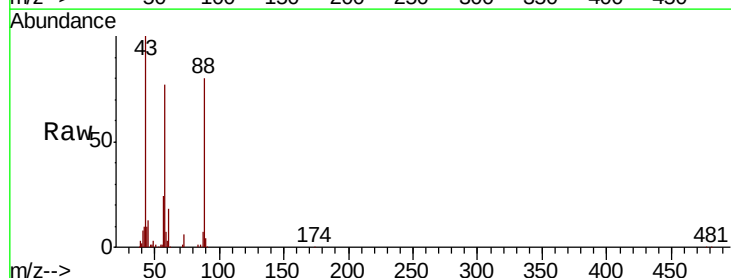
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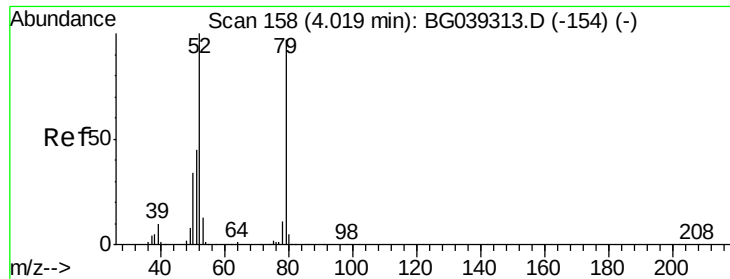


#2

1,4-Dioxane
Concen: 38.976 ng
RT: 3.61 min Scan# 89
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.7	81.1	121.7
43	159.1	31.4	47.0





#3

Pvridine

Concen: 31.317 ng

RT: 4.02 min Scan# 158

Delta R.T. 0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

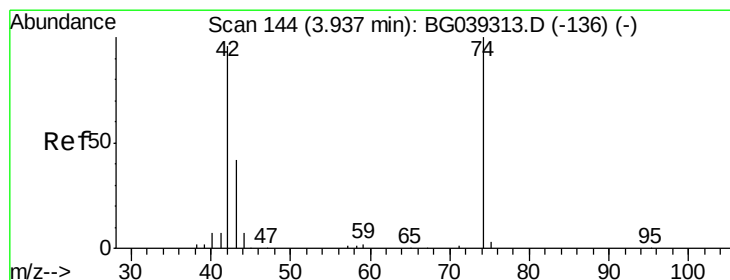
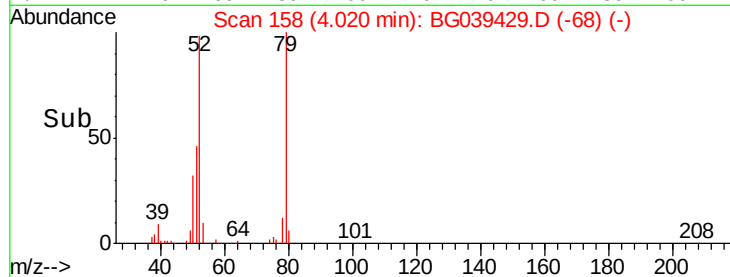
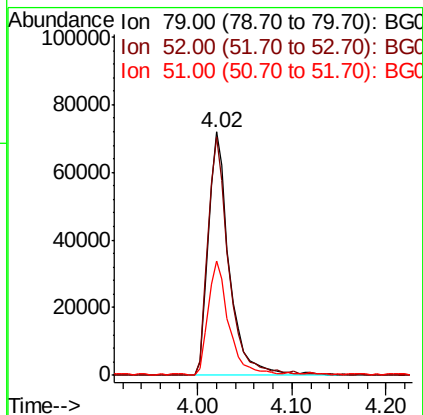
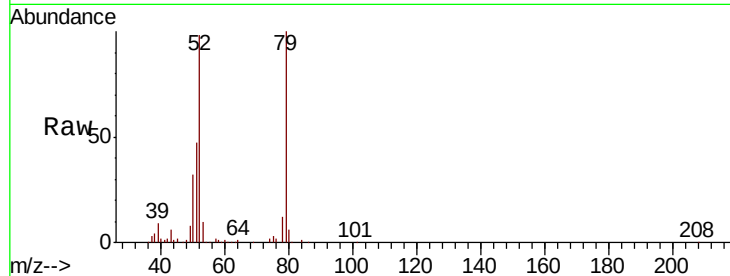
ClientSampleId :

OK-01-020719MSD

Tot Ion:	79	Resp:	112924
Ion	Ratio	Lower	Upper
79	100		
52	98.0	82.6	124.0
51	46.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 43.423 ng

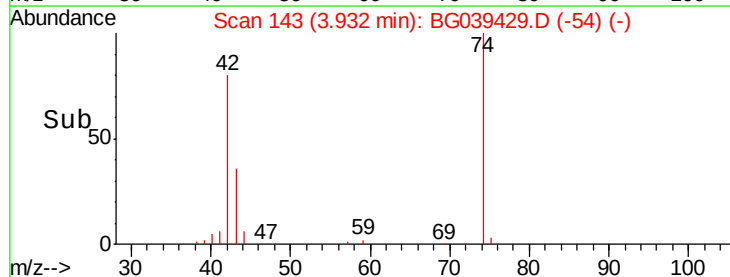
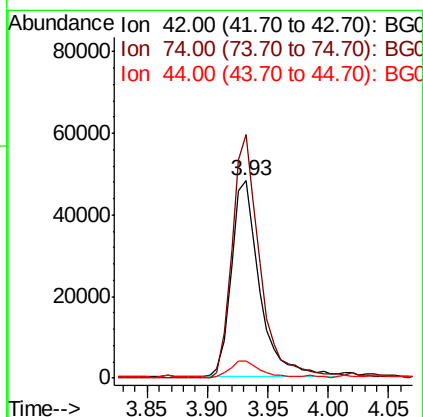
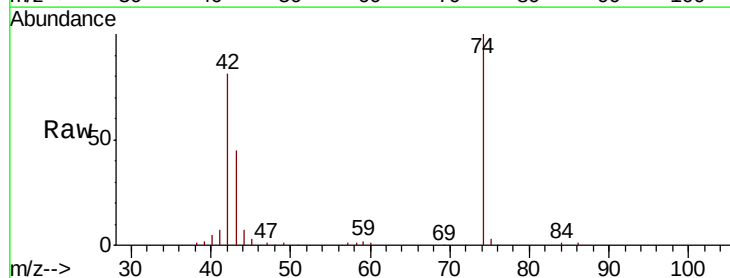
RT: 3.93 min Scan# 143

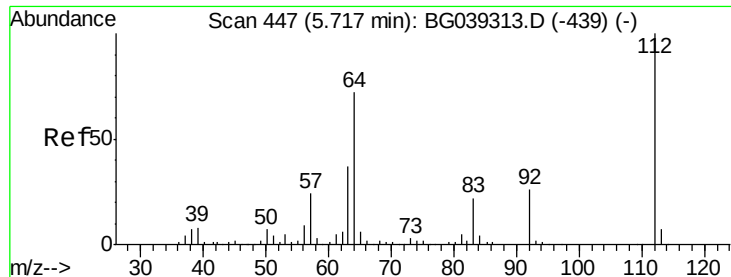
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	42	Resp:	78304
Ion	Ratio	Lower	Upper
42	100		
74	123.5	83.6	125.4
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 143.728 ng

RT: 5.72 min Scan# 447

Delta R.T. 0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

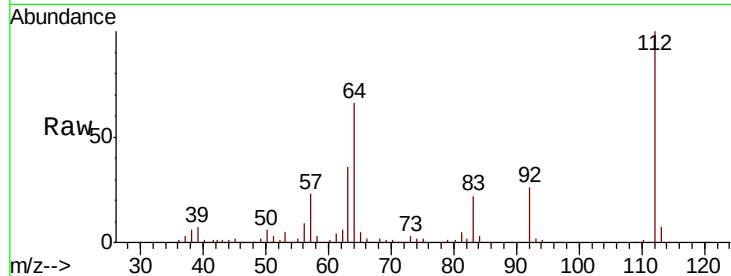
ClientSampleId :

OK-01-020719MSD

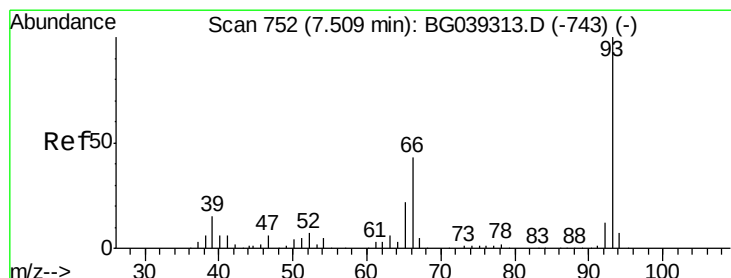
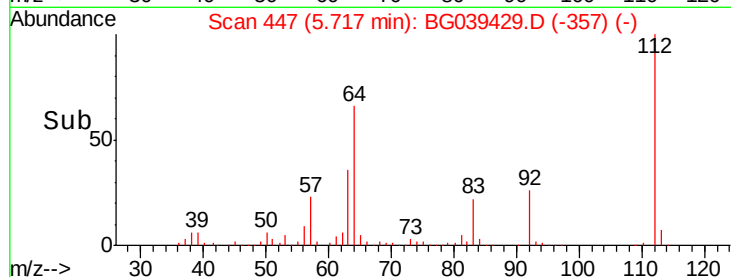
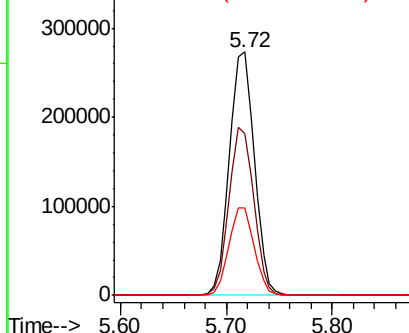
Tot Ion:	112	Resp:	447489
Ion Ratio	Lower	Upper	
112	100		
64	66.3	57.8	86.8
63	35.7	29.8	44.6

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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: 13.265 ng

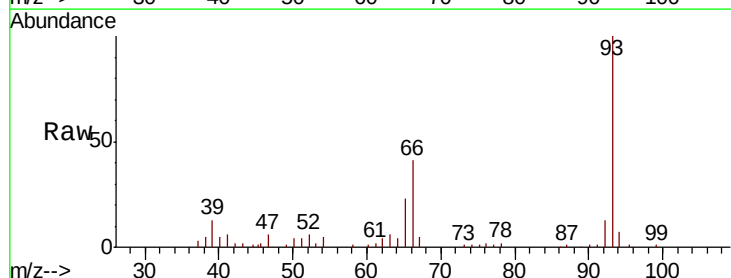
RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

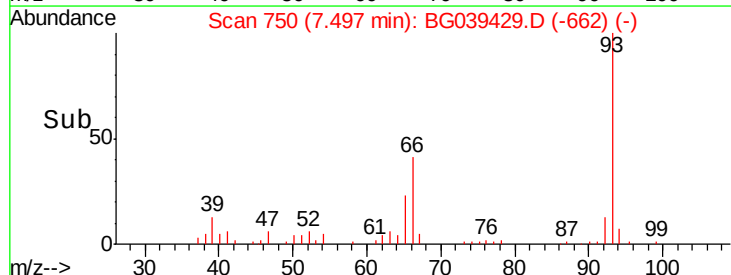
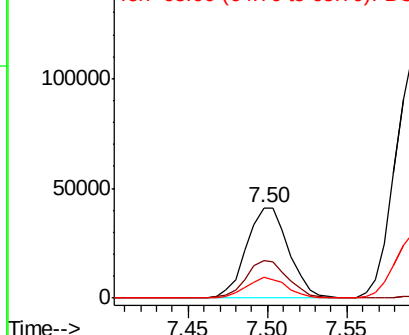
Lab File: BG039429.D

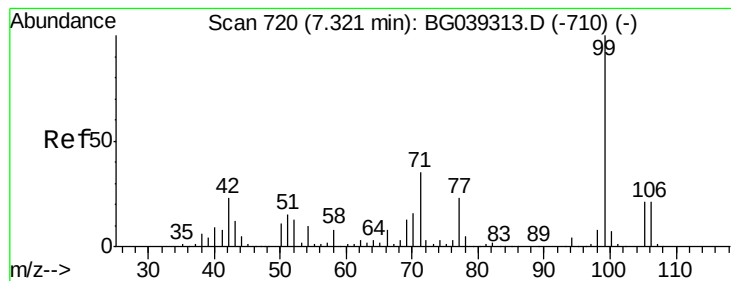
Acq: 8 Feb 2019 23:49

Tgt Ion:	93	Resp:	76147
Ion Ratio	Lower	Upper	
93	100		
66	41.3	34.2	51.4
65	22.8	17.7	26.5



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: 131.499 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

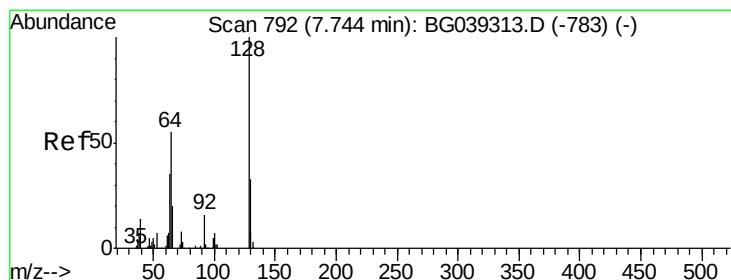
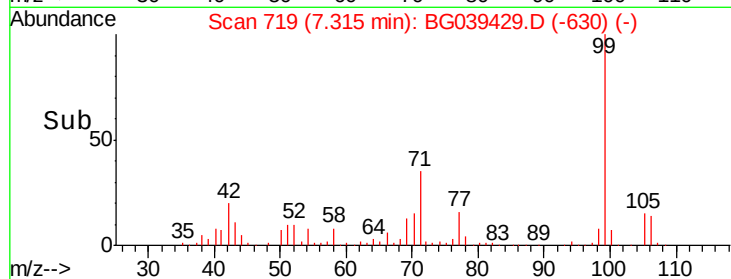
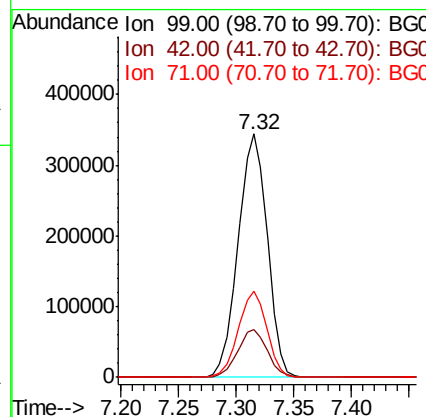
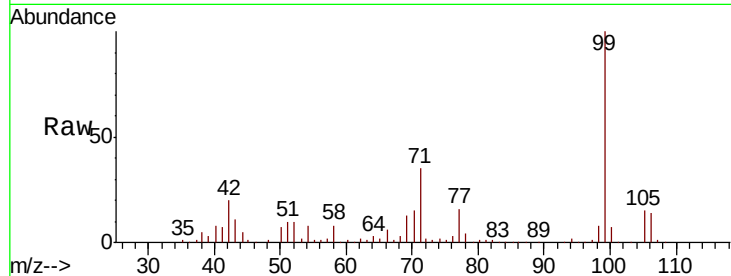
ClientSampleId :

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Tot Ion:	99	Resp:	602649
Ion Ratio	Lower	Upper	
99	100		
42	19.8	18.2	27.2
71	35.2	28.0	42.0

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#8

2-Chlorophenol

Concen: 50.785 ng

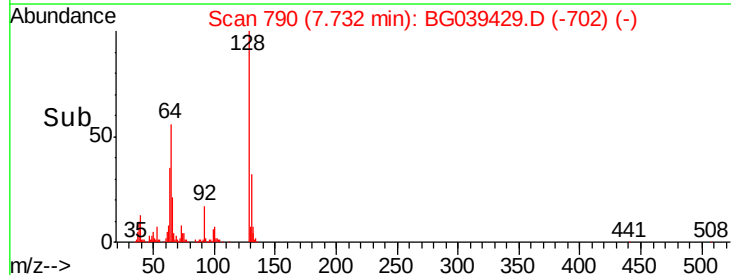
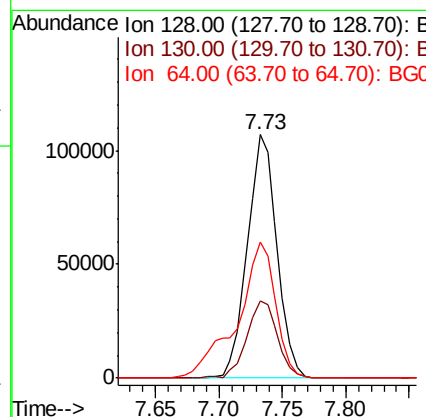
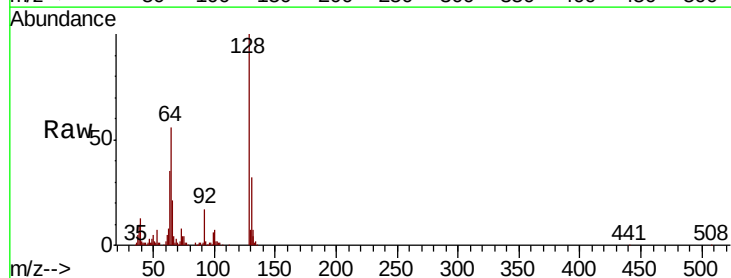
RT: 7.73 min Scan# 790

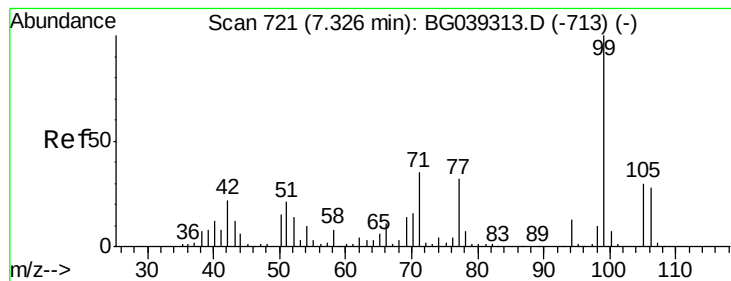
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	128	Resp:	172835
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.9	52.9
64	56.0	38.7	78.7





#9

Benzaldehyde

Concen: 41.644 ng

RT: 7.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

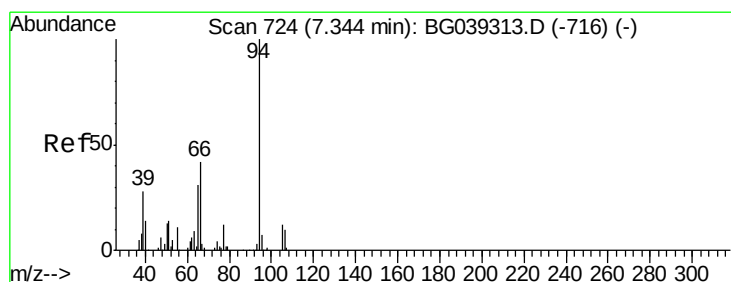
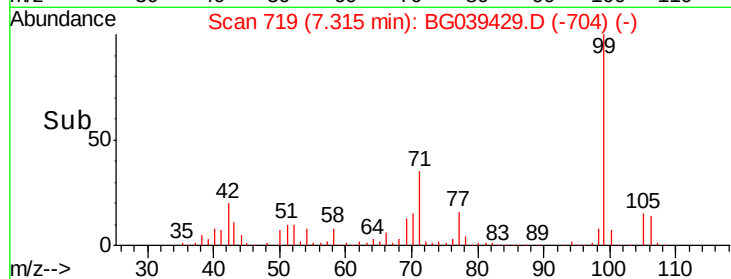
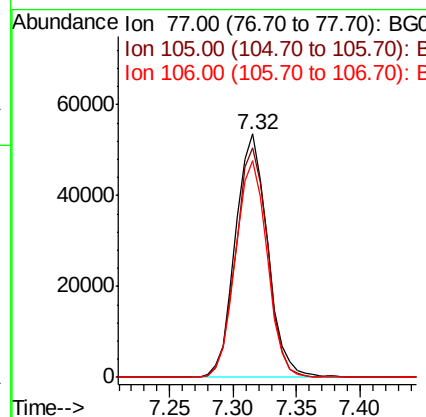
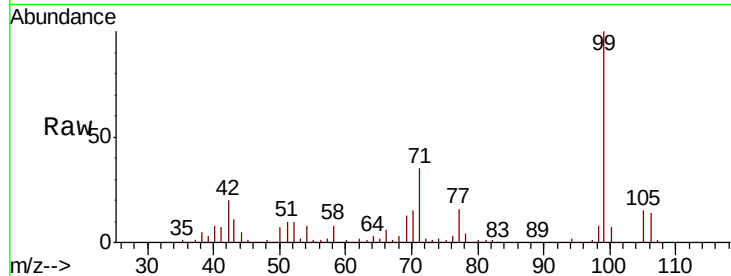
ClientSampleId :

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Tot Ion:	77	Resp:	94213
Ion Ratio	Lower	Upper	
77	100		
105	94.2	74.5	114.5
106	89.0	68.0	108.0

Manual Integrations
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#10

Phenol

Concen: 43.366 ng

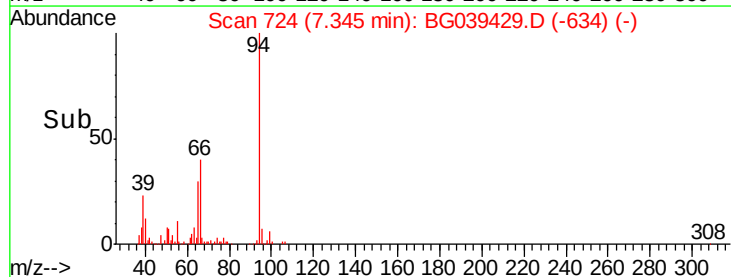
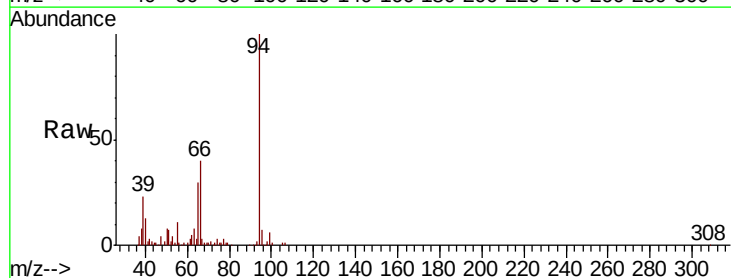
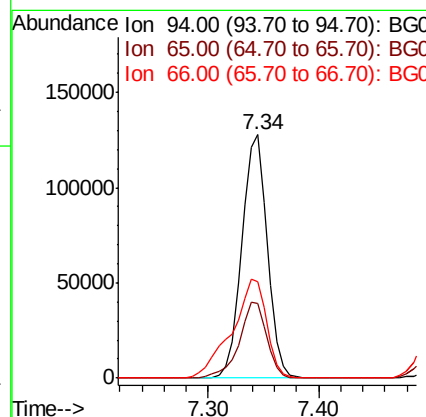
RT: 7.34 min Scan# 724

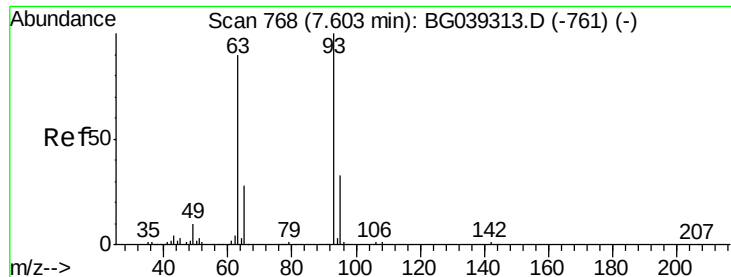
Delta R.T. 0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	94	Resp:	207173
Ion Ratio	Lower	Upper	
94	100		
65	30.5	11.7	51.7
66	39.6	23.7	63.7





#11

bis(2-Chloroethyl)ether

Concen: 46.305 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

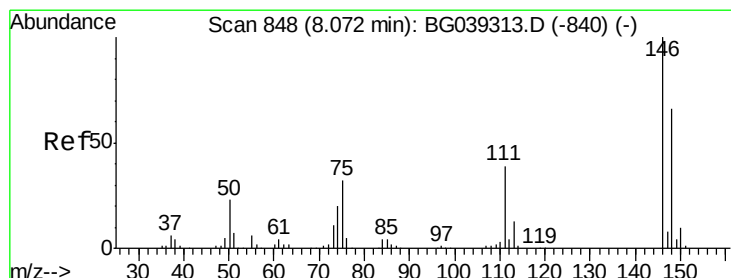
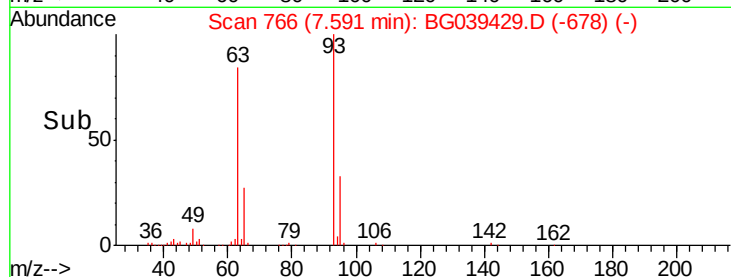
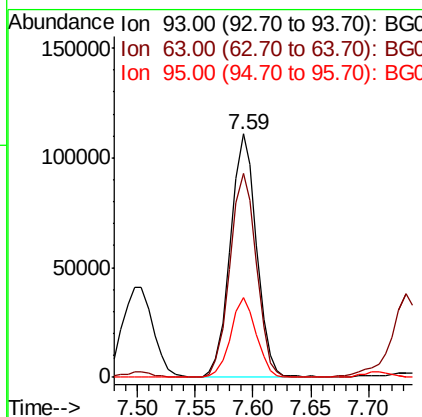
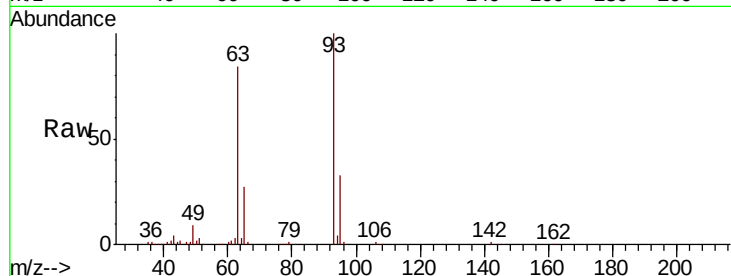
ClientSampled :

OK-01-020719MSD

Tot Ion:	93	Resp:	174800
Ion Ratio	Lower	Upper	
93	100		
63	83.7	69.5	109.5
95	32.5	12.7	52.7

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 43.559 ng

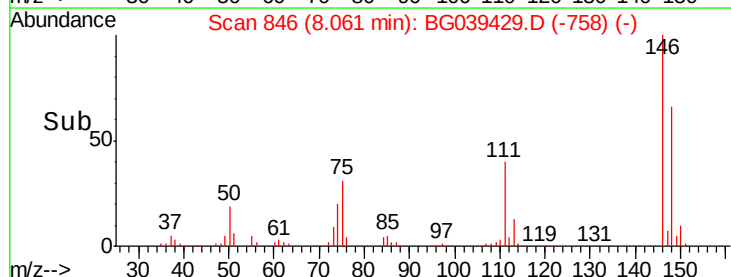
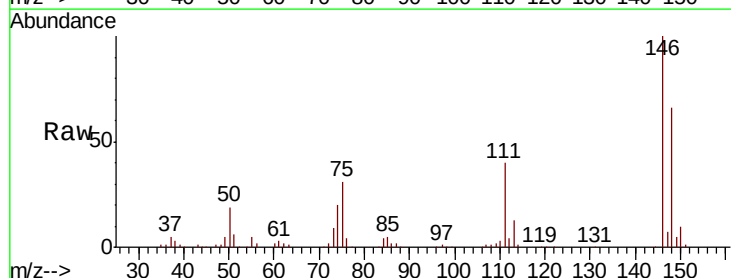
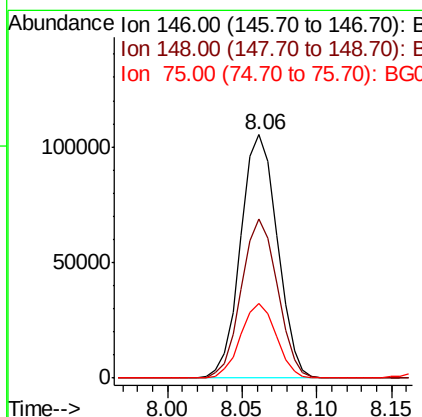
RT: 8.06 min Scan# 846

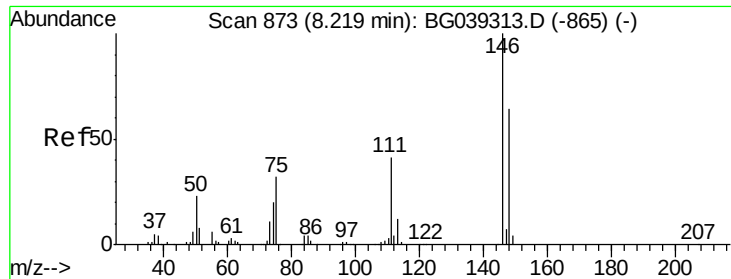
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	146	Resp:	179585
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.6	79.0
75	30.9	25.8	38.6





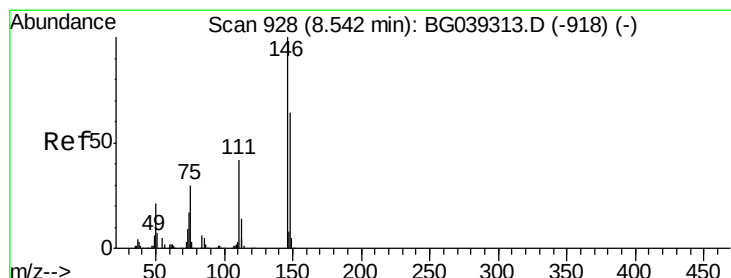
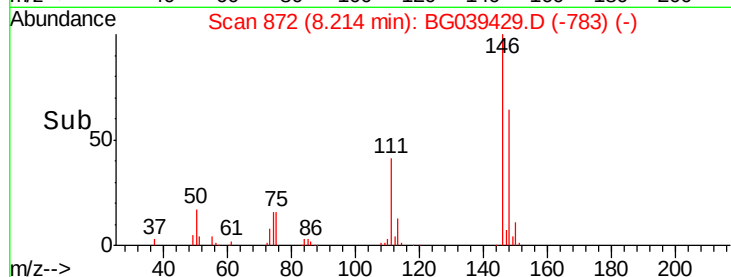
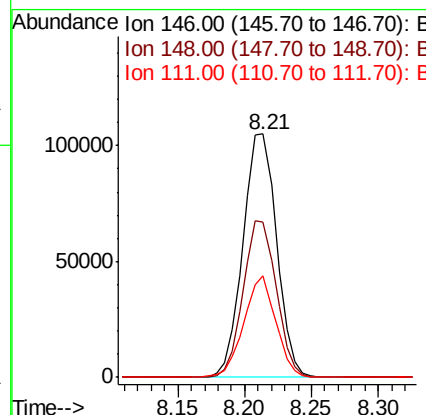
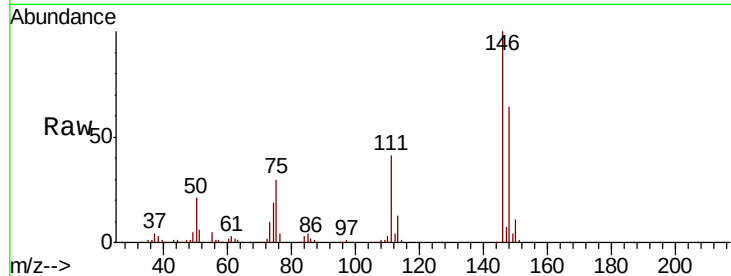
#13
1,4-Dichlorobenzene
Concen: 44.585 ng
RT: 8.21 min Scan# 872
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	41.5	32.6	48.8

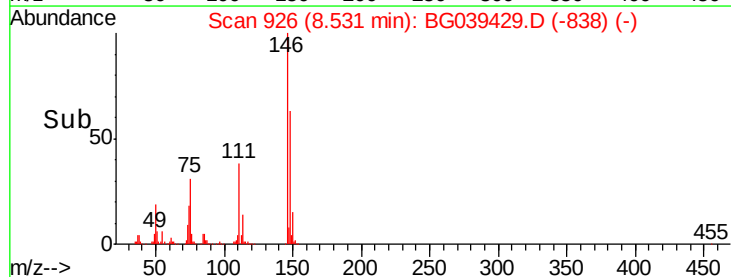
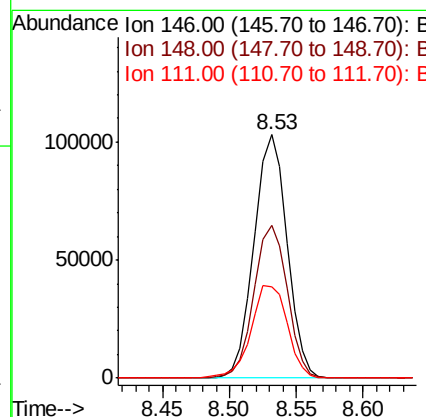
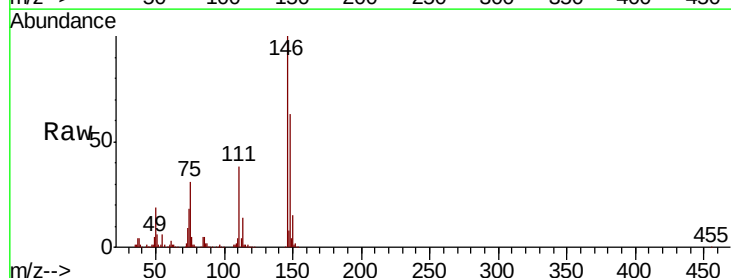
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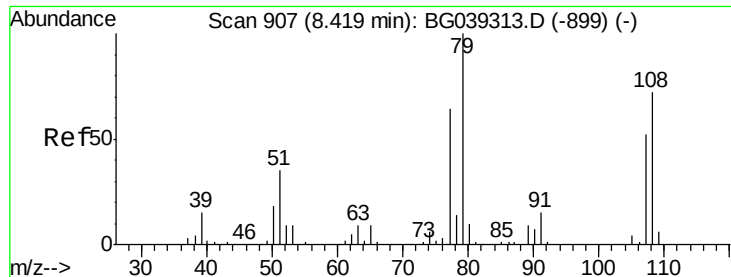
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#14
1,2-Dichlorobenzene
Concen: 44.332 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.5	77.3
111	37.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 47.486 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

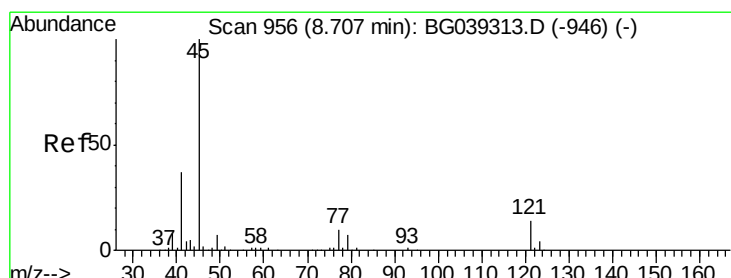
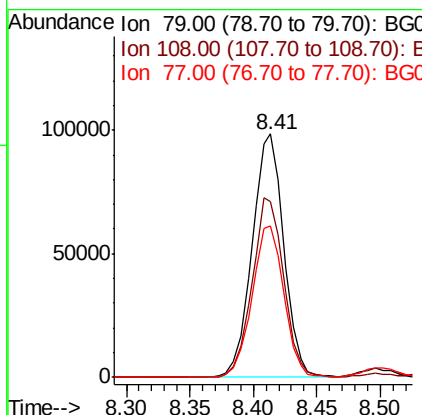
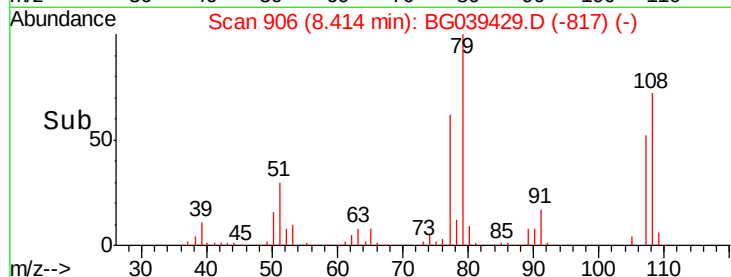
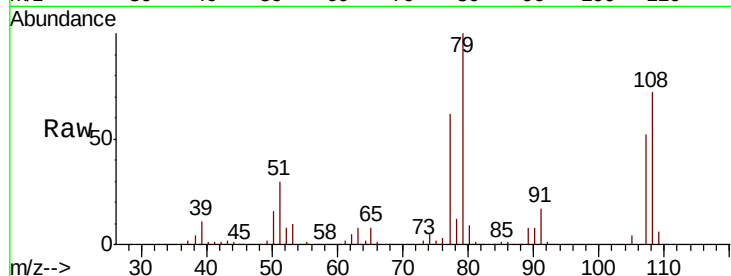
ClientSampleId :

OK-01-020719MSD

Tot Ion:	79	Resp:	170853
Ion Ratio	Lower	Upper	
79	100		
108	72.2	57.8	86.6
77	62.0	51.1	76.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.666 ng

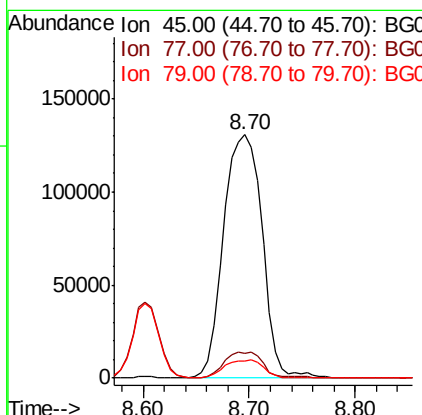
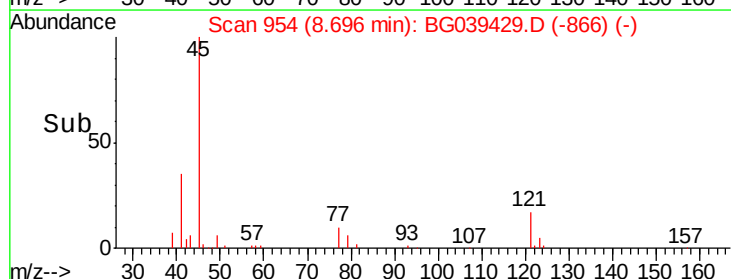
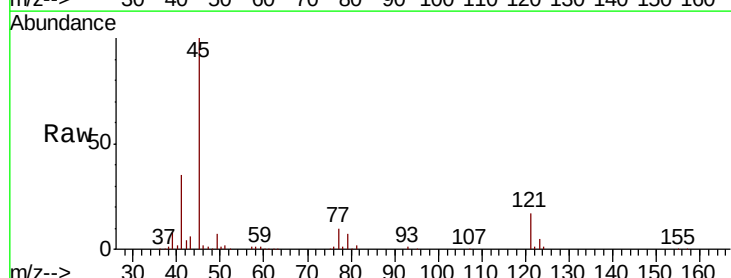
RT: 8.70 min Scan# 954

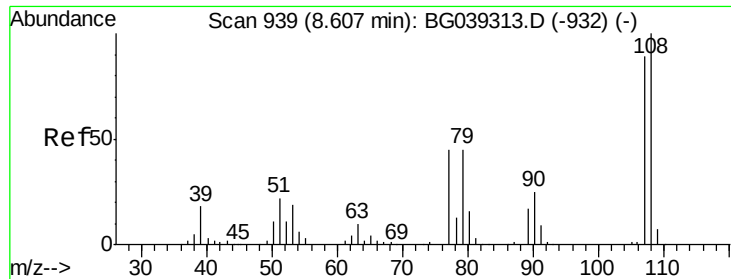
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	45	Resp:	329624
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.0
79	7.0	0.0	27.5





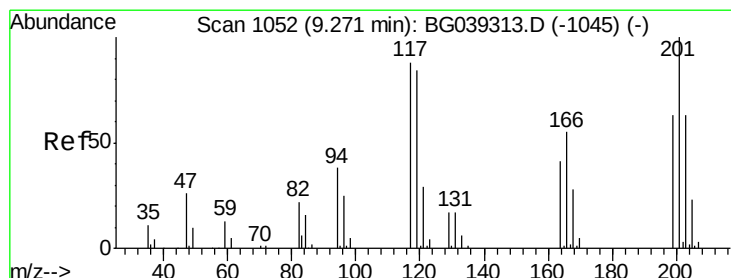
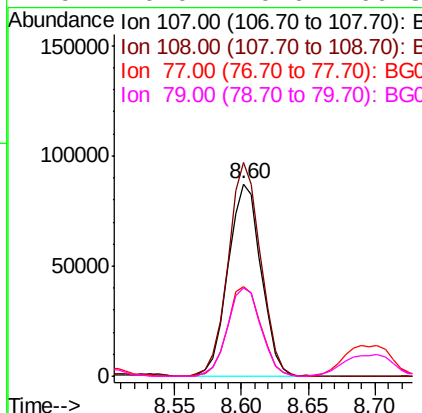
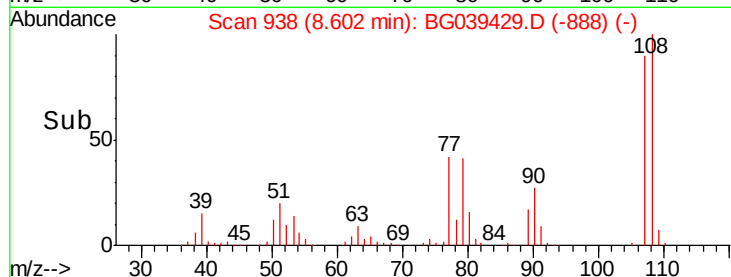
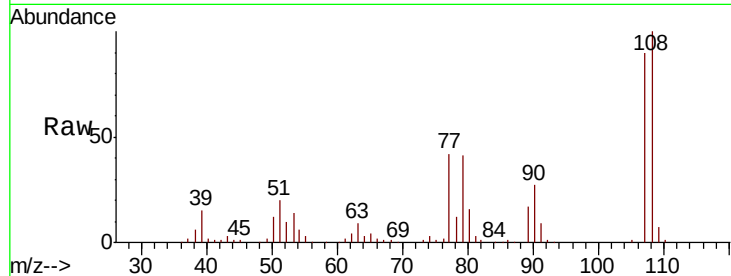
#17
2-Methylphenol
Concen: 48.762 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	90.8	136.2	
77	46.6	40.7	61.1	
79	46.0	40.6	60.8	

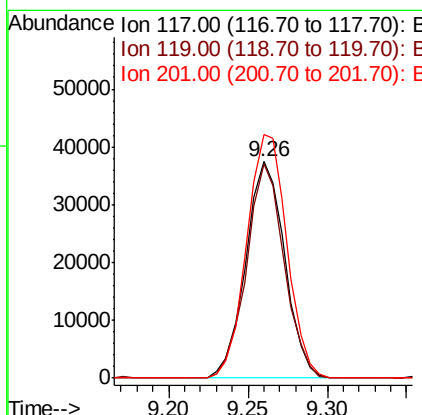
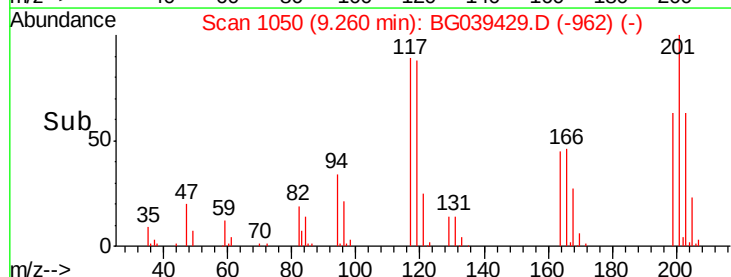
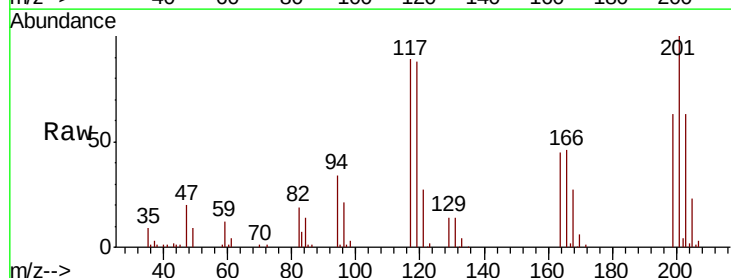
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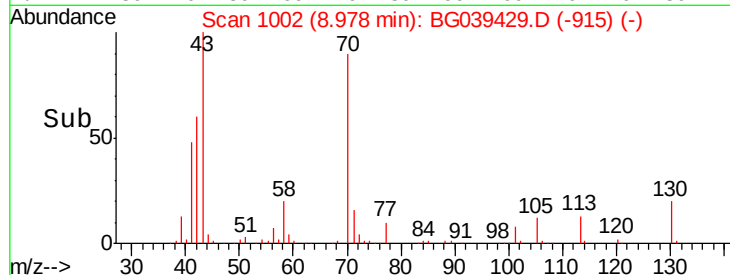
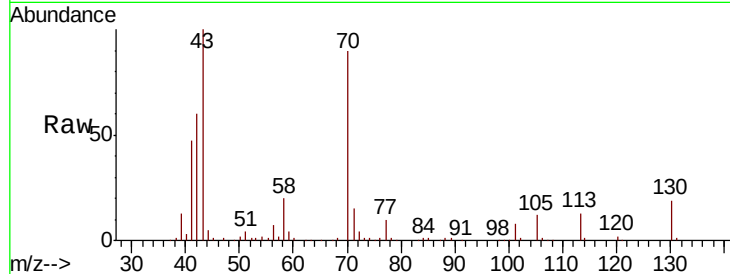
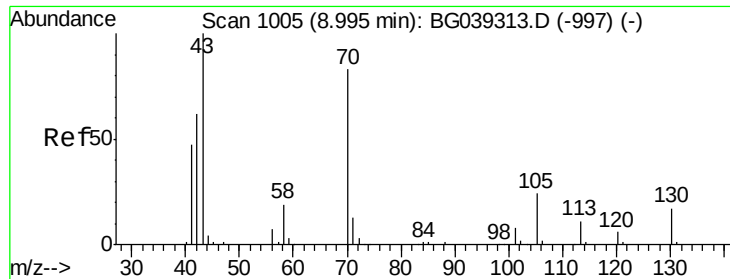
Sohil
2/11/2019 10:13:56 AM



#18
Hexachloroethane
Concen: 45.295 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	76.3	114.5	
201	112.5	91.1	136.7	





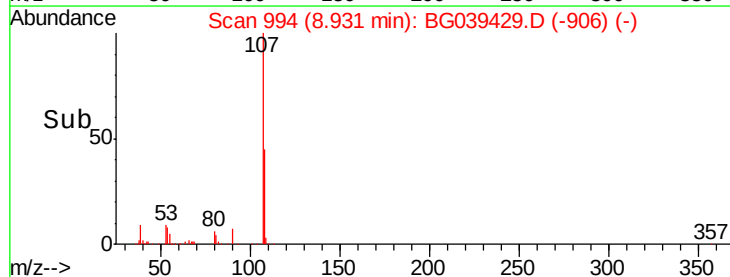
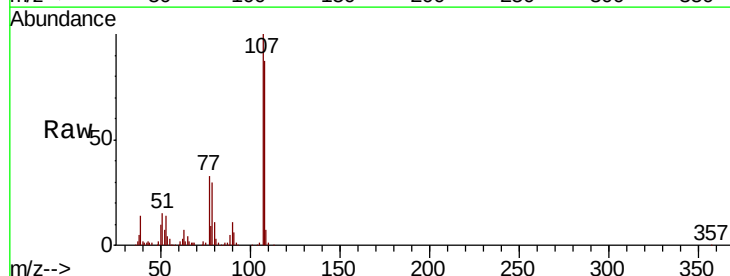
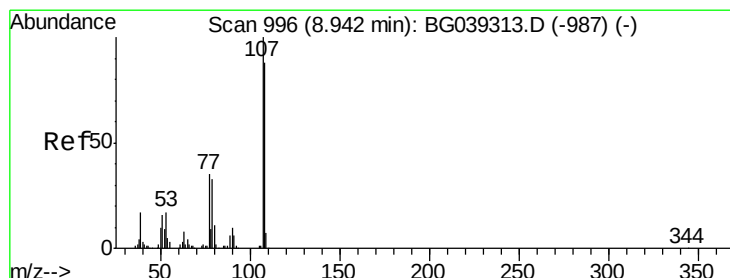
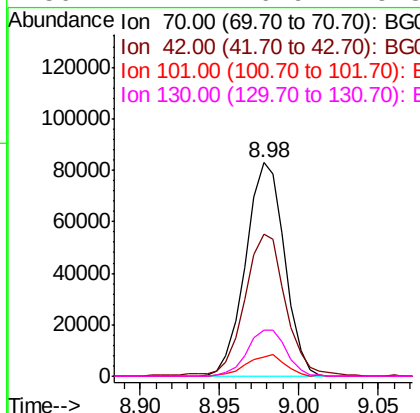
#19
n-Nitroso-di-n-propylamine
Concen: 43.604 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	66.4	60.4	90.6	
101	9.0	7.5	11.3	
130	21.7	16.9	25.3	

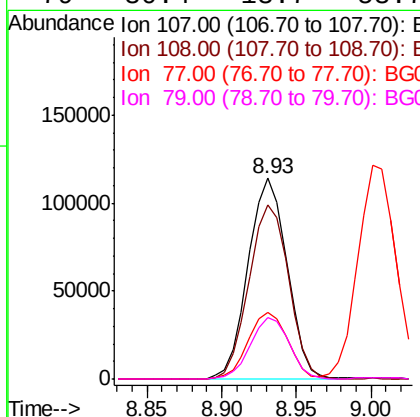
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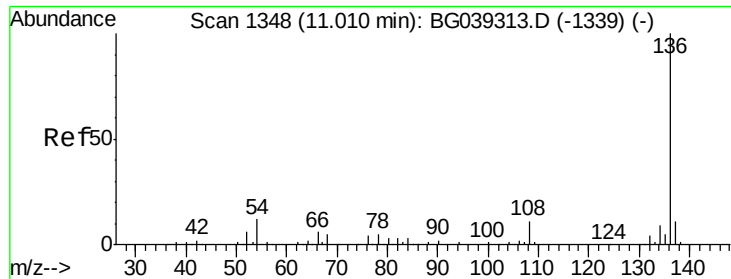
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#20
3+4-Methylphenols
Concen: 48.422 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.1	67.9	107.9	
77	33.5	15.4	55.4	
79	30.4	13.7	53.7	





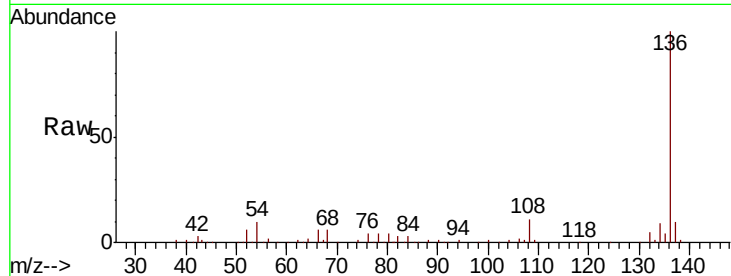
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

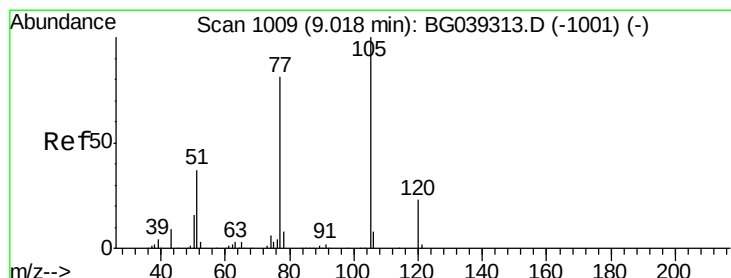
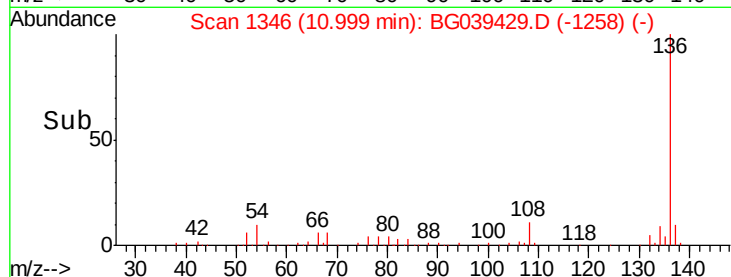
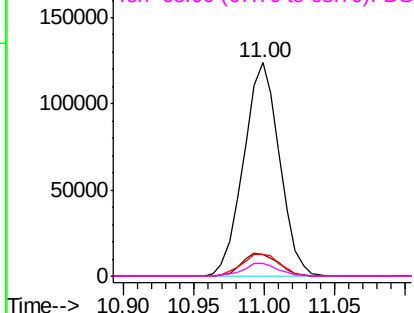
Tot Ion	Ratio	Resp	Lower	Upper
136	100	220815		
137	10.3		9.1	13.7
54	10.3		9.4	14.2
68	6.0		4.2	6.4

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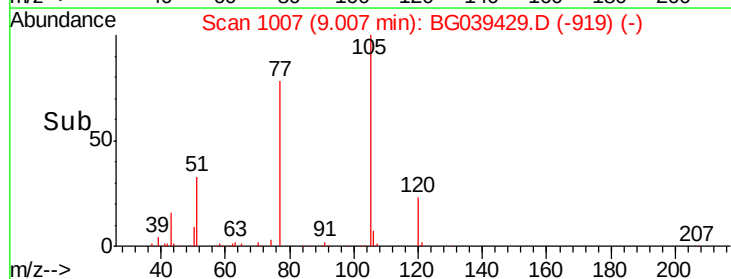
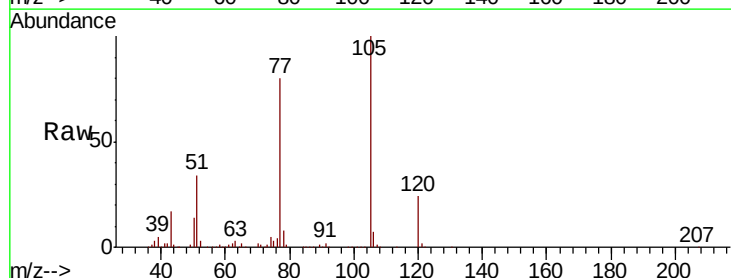
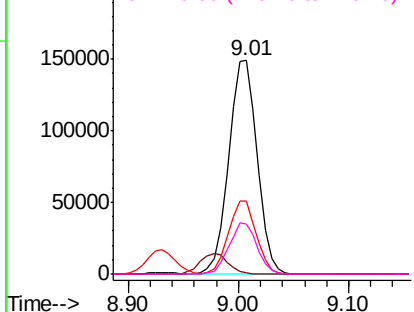
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

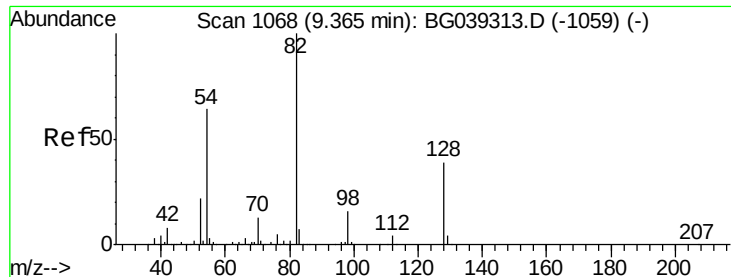


#22
Acetophenone
Concen: 45.328 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268862		
71	0.5		0.8	1.2#
51	33.9		30.2	45.2
120	23.6		18.0	27.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





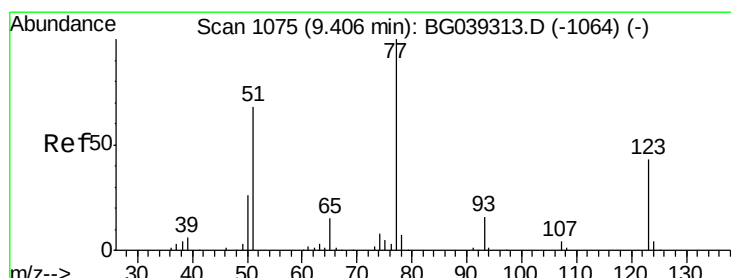
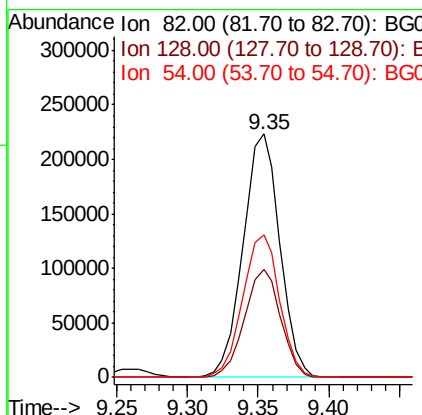
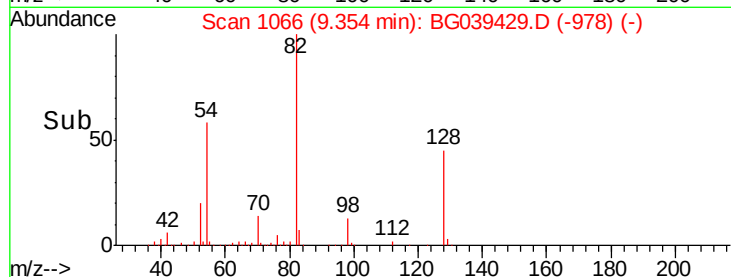
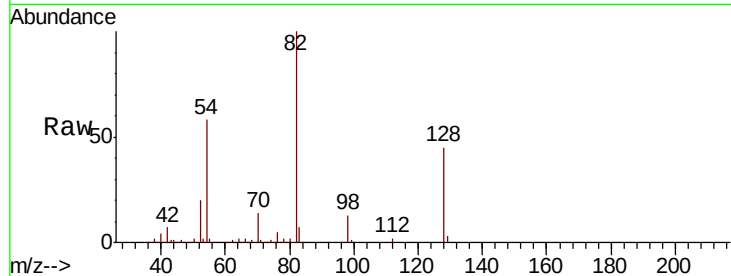
#23
 Nitrobenzene-d5
 Concen: 115.201 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	31.3	46.9
54	58.4	50.9	76.3

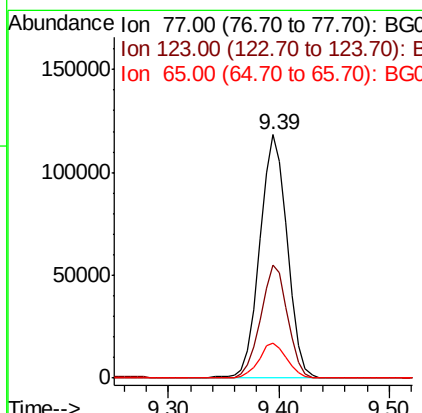
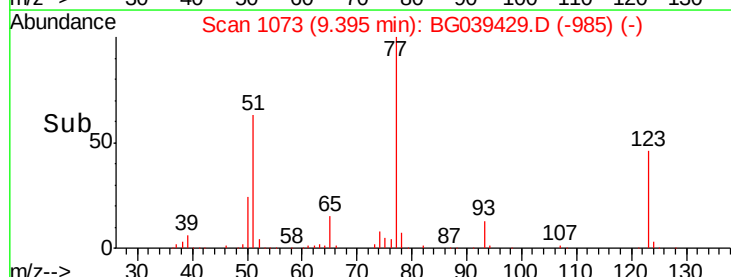
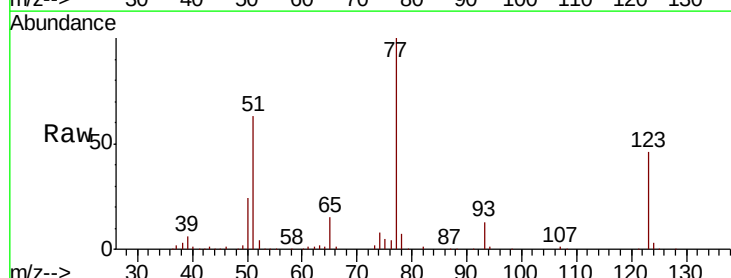
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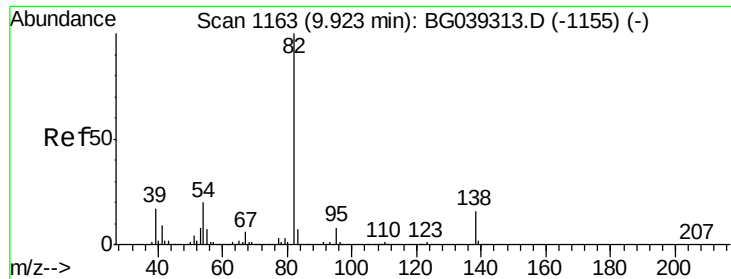
Sohil
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#24
 Nitrobenzene
 Concen: 53.871 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.3	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 50.777 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

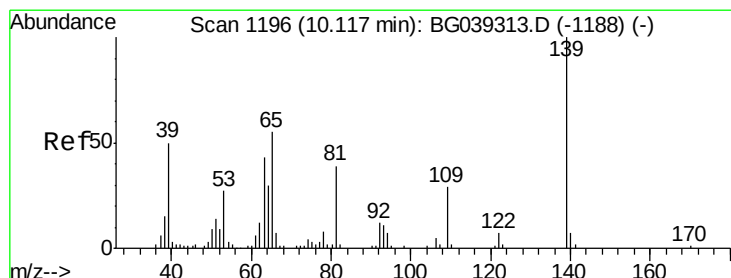
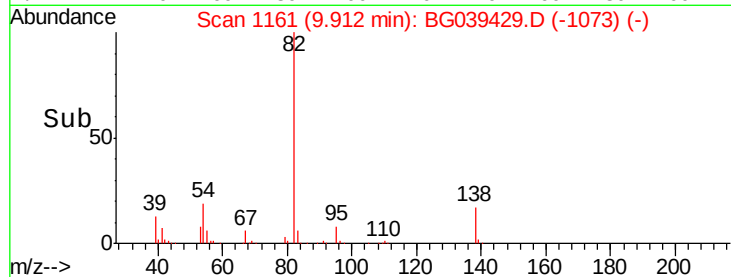
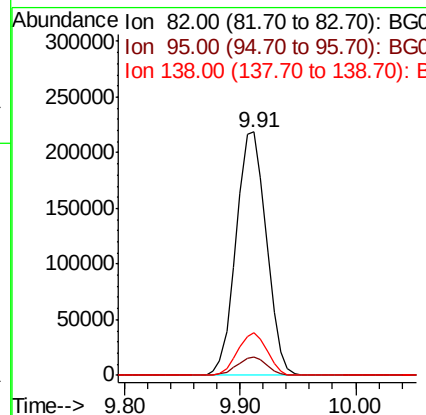
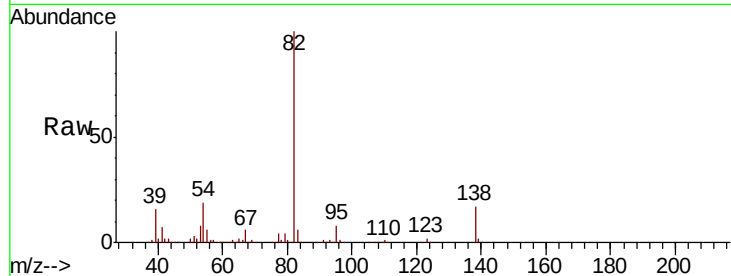
ClientSampleId :

OK-01-020719MSD

Tot Ion:	82	Resp:	397721
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.2	9.2
138	17.4	13.0	19.4

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#26

2-Nitrophenol

Concen: 60.753 ng

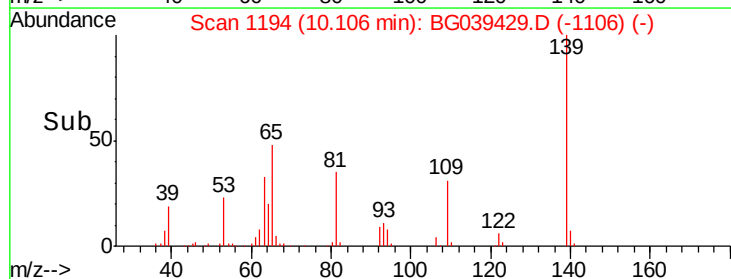
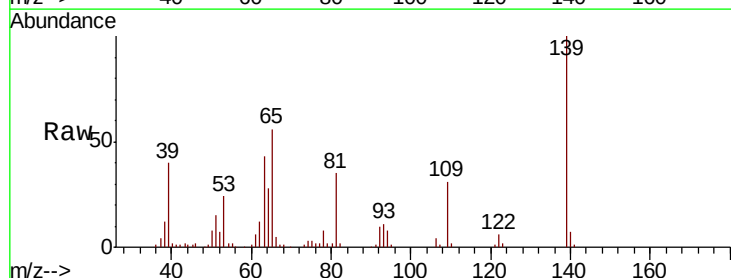
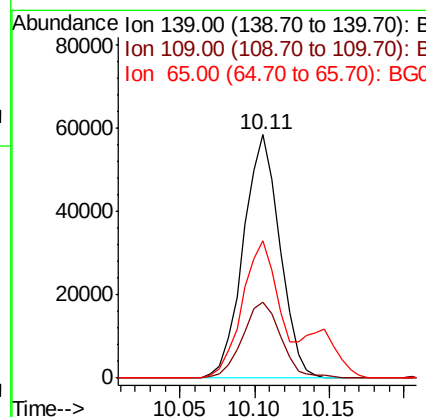
RT: 10.11 min Scan# 1194

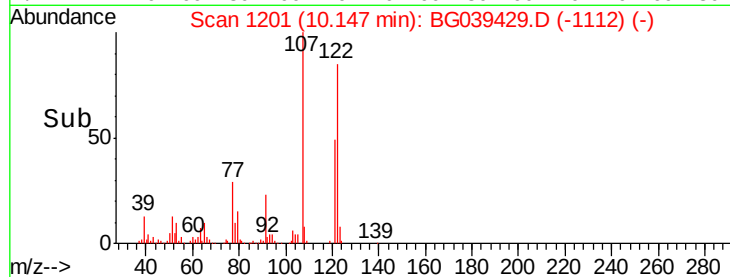
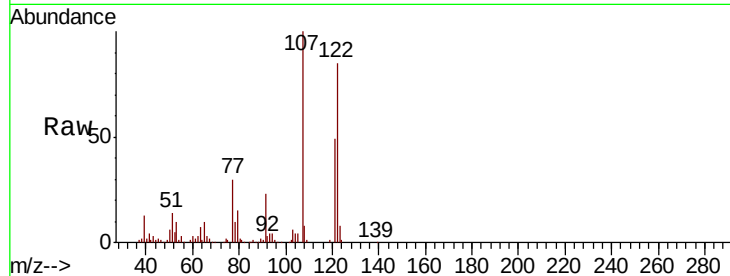
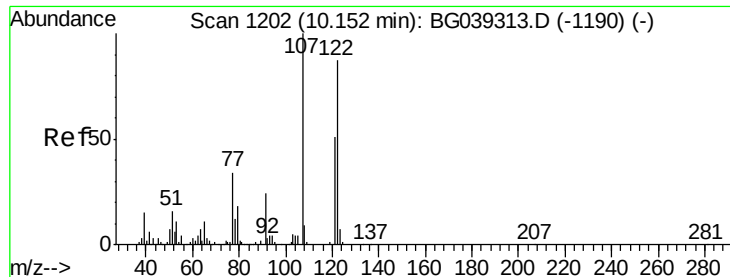
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	139	Resp:	98743
Ion Ratio	Lower	Upper	
139	100		
109	31.1	23.4	35.0
65	56.2	44.3	66.5





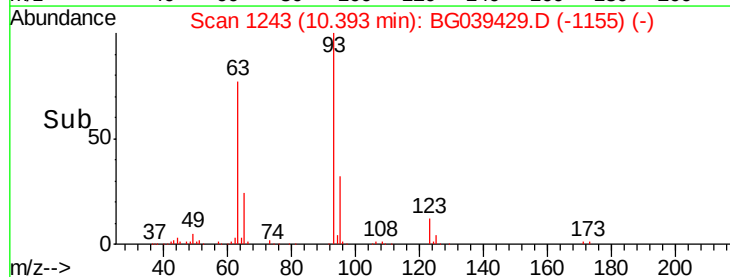
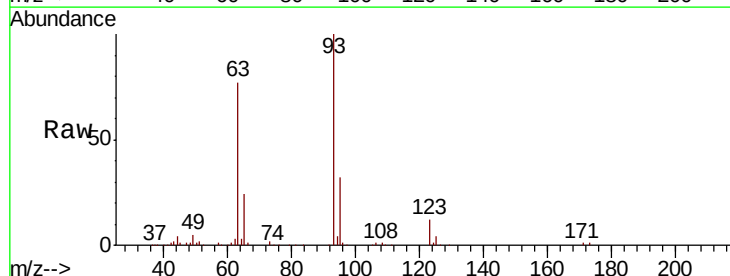
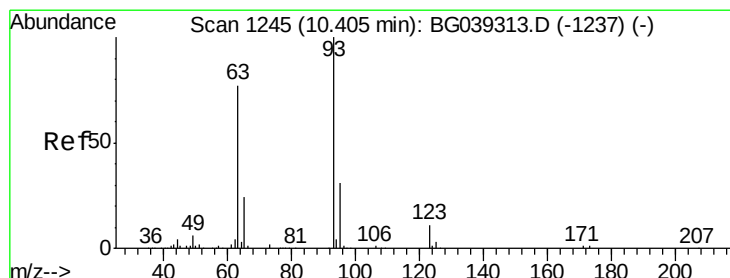
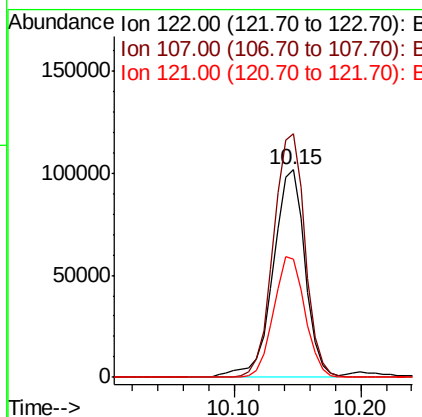
#27
2,4-Dimethylphenol
Concen: 56.232 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	91.7	137.5
121	57.0	46.4	69.6

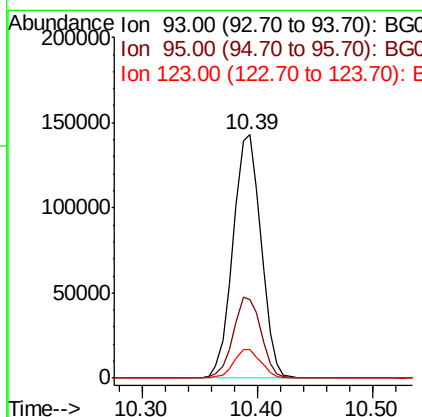
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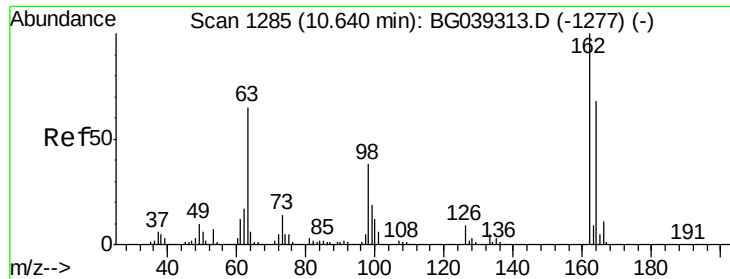
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#28
bis(2-Chloroethoxy)methane
Concen: 49.815 ng
RT: 10.39 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.0	37.4
123	11.8	8.6	12.8





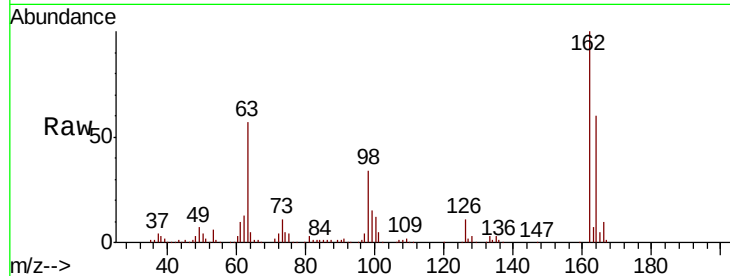
#29
2,4-Dichlorophenol
Concen: 55.947 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

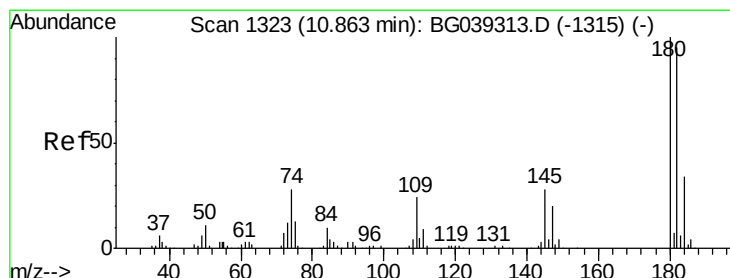
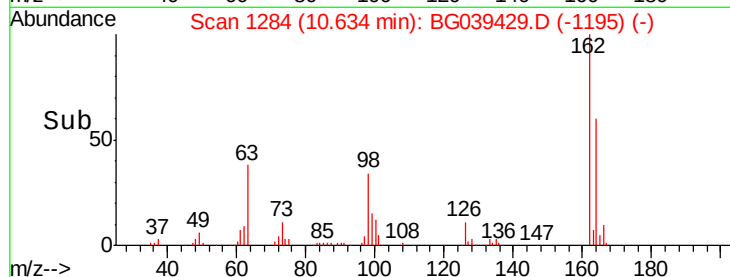
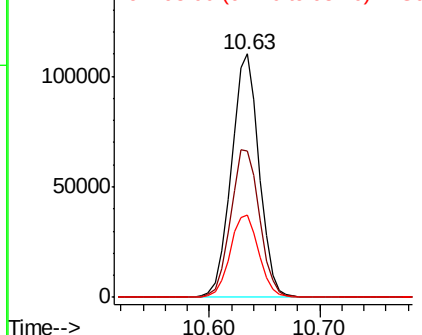
Tot Ion	Ratio	Resp	Lower	Upper
162	100	193745		
164	60.3	48.1	88.1	
98	34.0	18.1	58.1	

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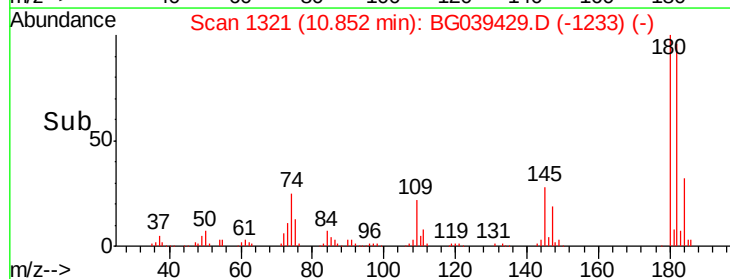
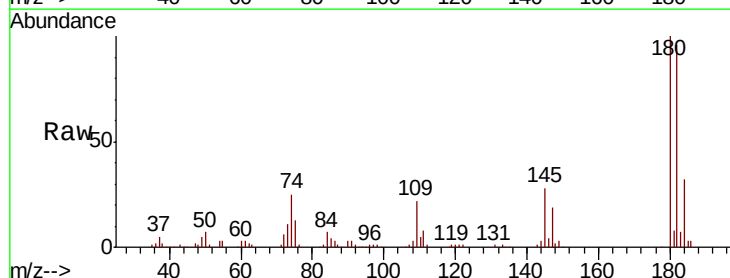
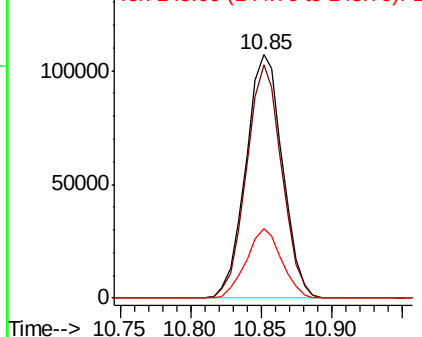
Abundance Ion 162.00 (161.70 to 162.70): E
150000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

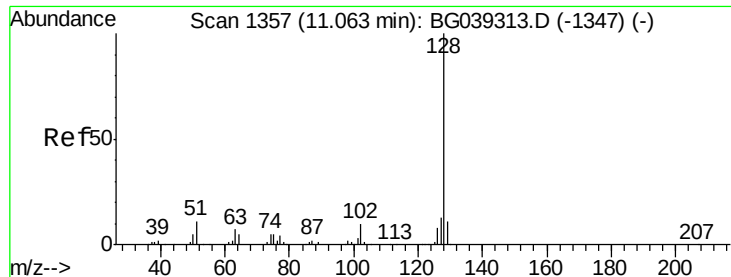


#30
1,2,4-Trichlorobenzene
Concen: 50.023 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194487		
182	95.8	76.0	114.0	
145	28.3	22.7	34.1	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





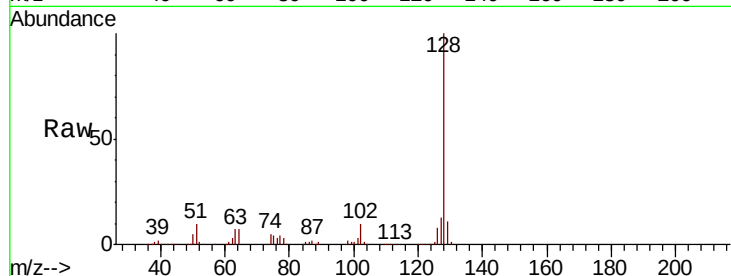
#31
Naphthalene
Concen: 50.827 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.8	10.8	16.2

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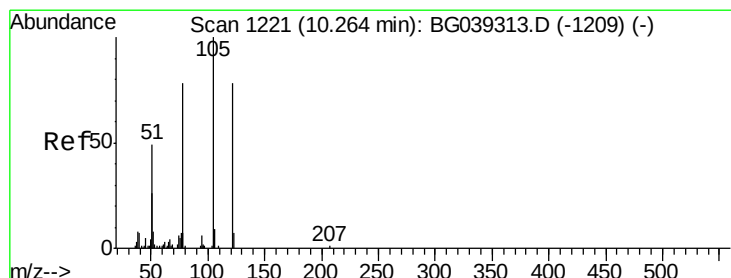
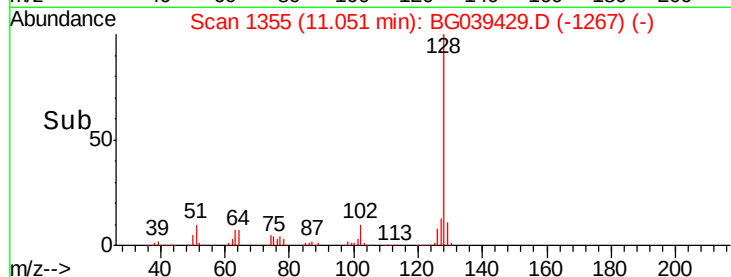
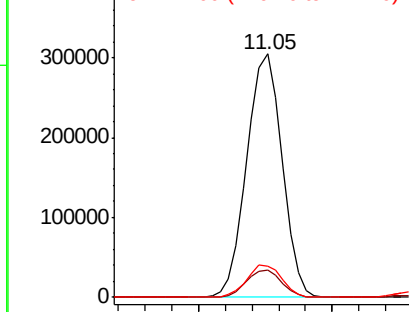


Abundance

Ion 128.00 (127.70 to 128.70): E

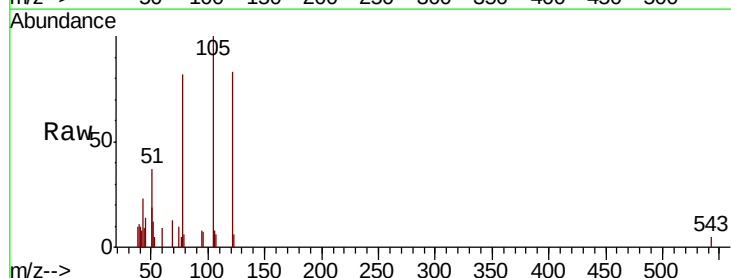
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 12.266 ng m
RT: 10.20 min Scan# 1210
Delta R.T. -0.06 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	101.8	141.8
77	98.9	76.3	116.3

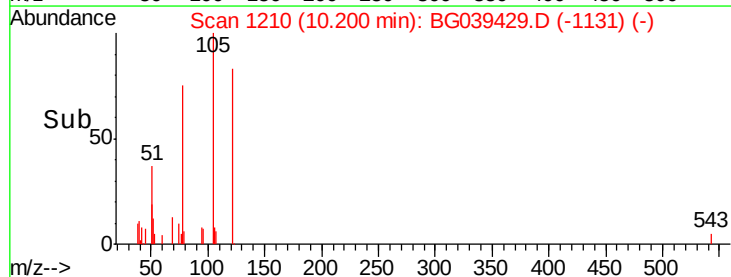
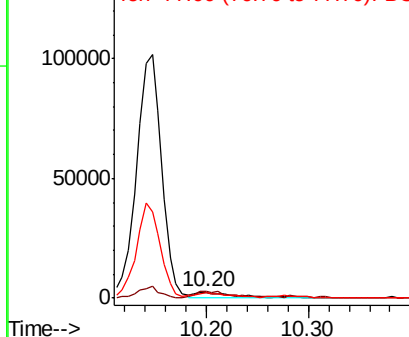


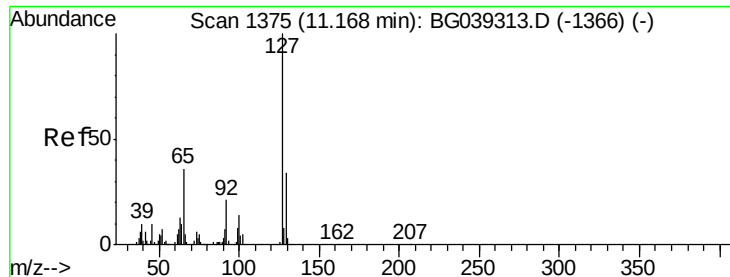
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





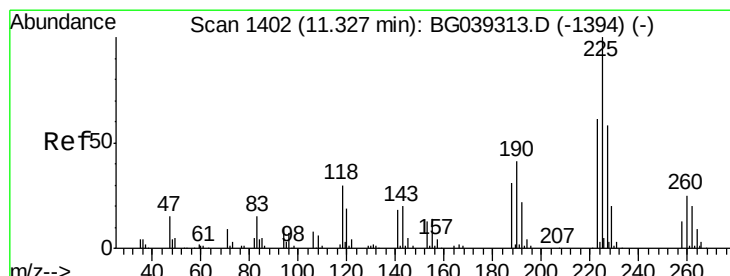
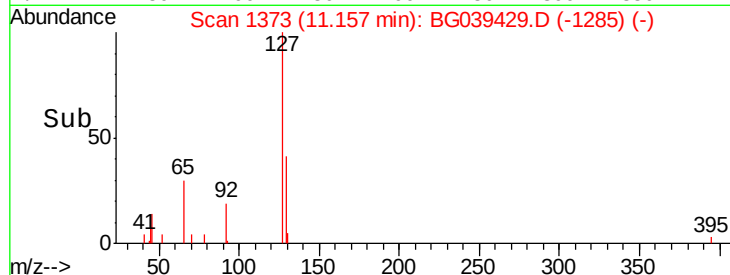
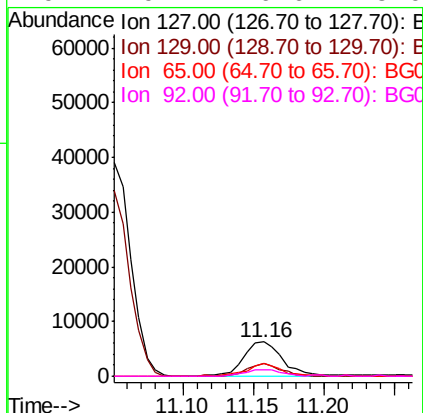
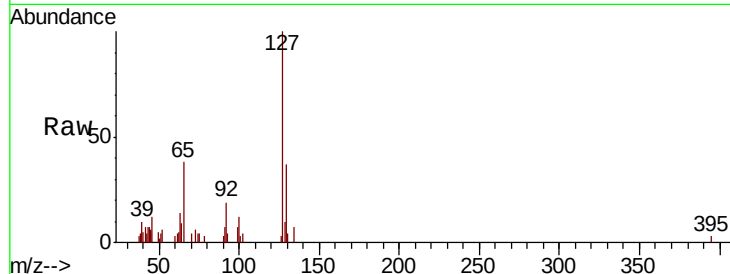
#33
4-Chloroaniline
Concen: 2.437 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	37.5	27.0	40.4		
65	37.9	28.8	43.2		
92	19.4	16.6	25.0		

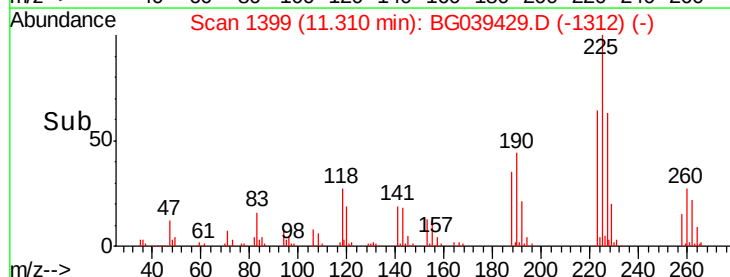
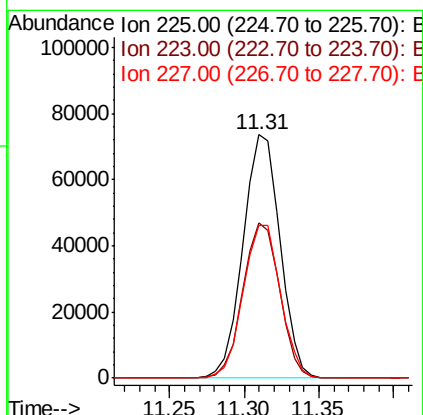
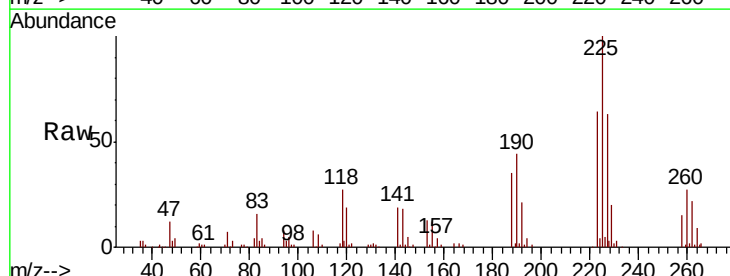
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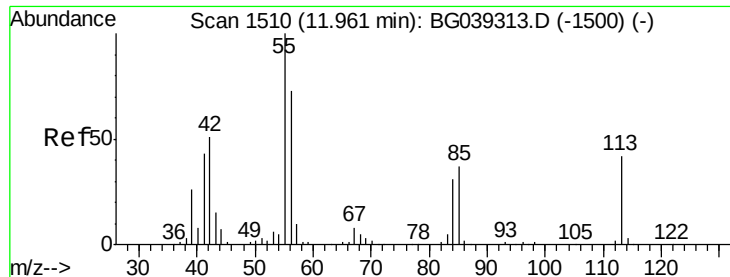
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#34
Hexachlorobutadiene
Concen: 48.800 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	49.0	73.6		
227	62.5	46.3	69.5		





#35

Caprolactam

Concen: 35.362 ng

RT: 11.93 min Scan# 1505

Delta R.T. -0.03 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

ClientSampleId :

OK-01-020719MSD

Tot Ion:113 Resp: 50674

Ion Ratio Lower Upper

113 100

55 224.4 216.9 256.9

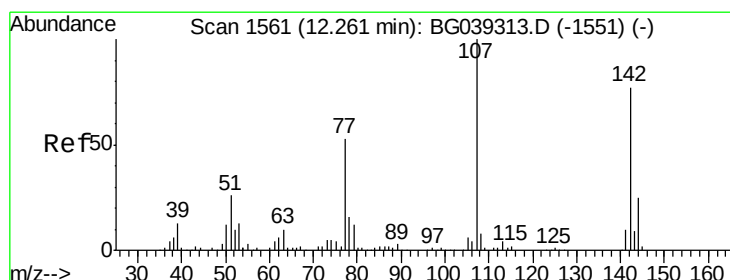
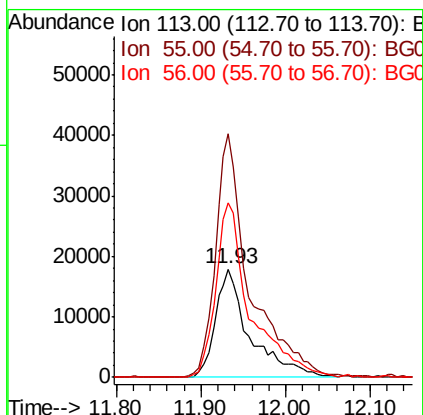
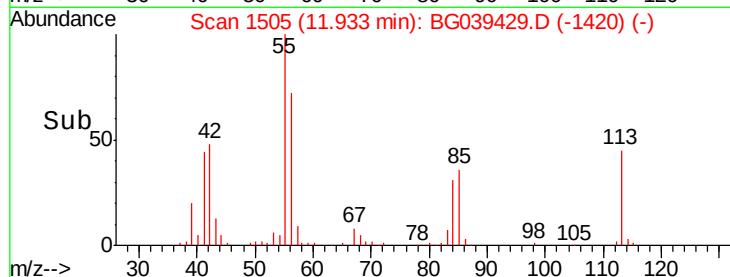
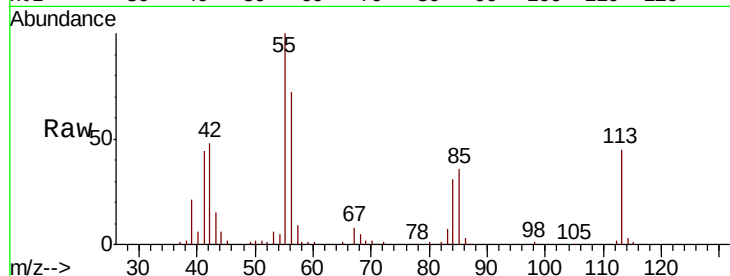
56 160.9 152.6 192.6

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#36

4-Chloro-3-methylphenol

Concen: 50.711 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

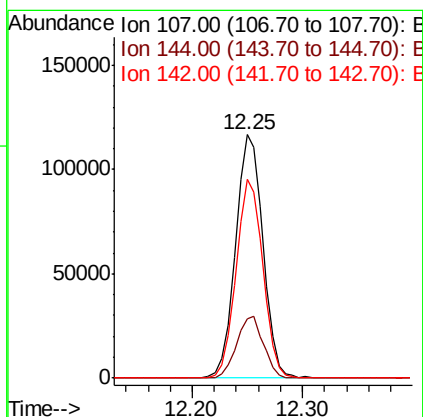
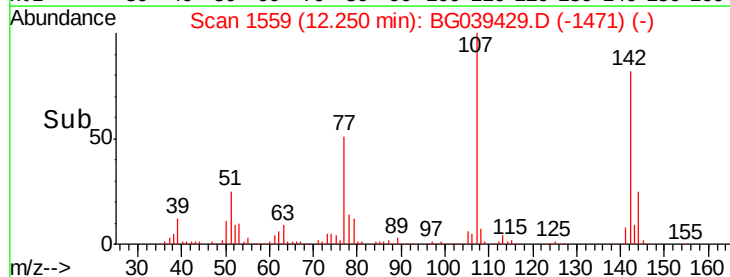
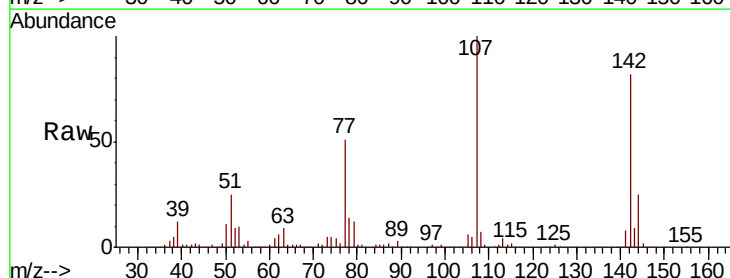
Tgt Ion:107 Resp: 203096

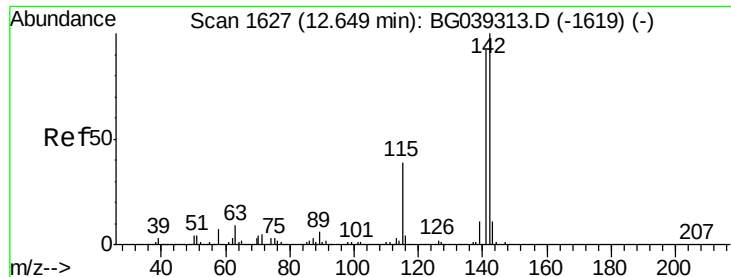
Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.2

142 81.9 61.4 92.2





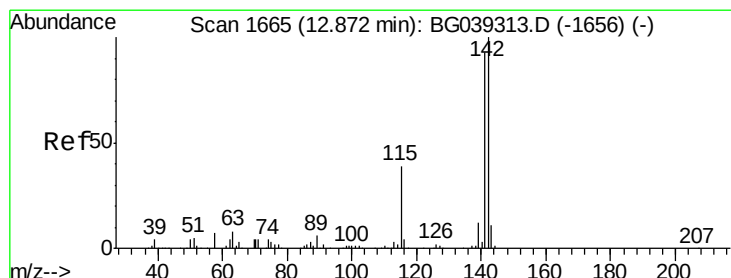
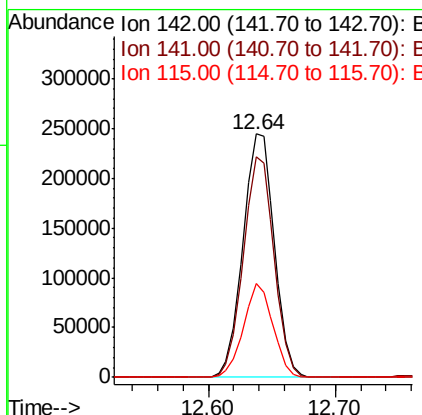
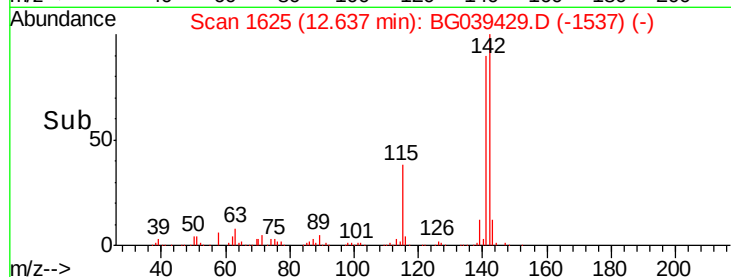
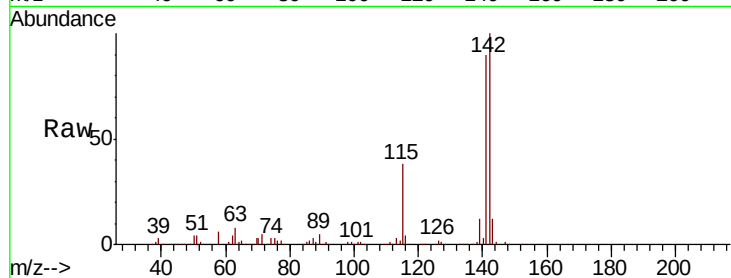
#37
2-Methylnaphthalene
Concen: 51.771 ng
RT: 12.64 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	38.4	30.8	46.2

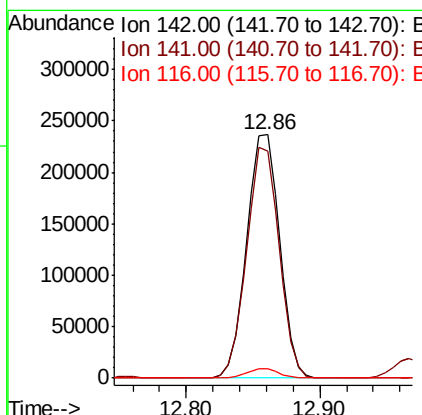
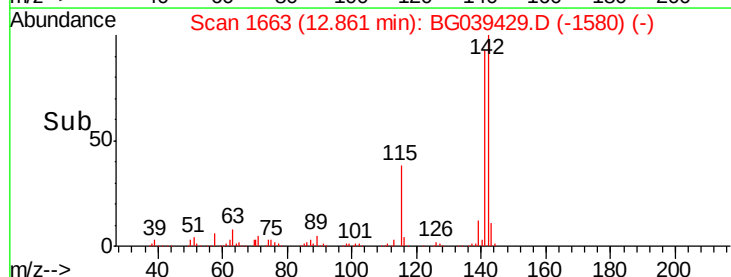
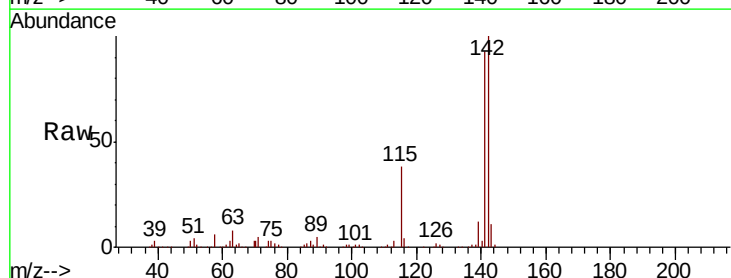
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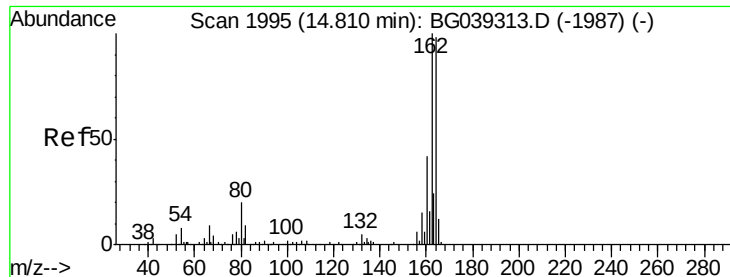
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#38
1-Methylnaphthalene
Concen: 51.508 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.2	111.4
116	3.9	3.0	4.6





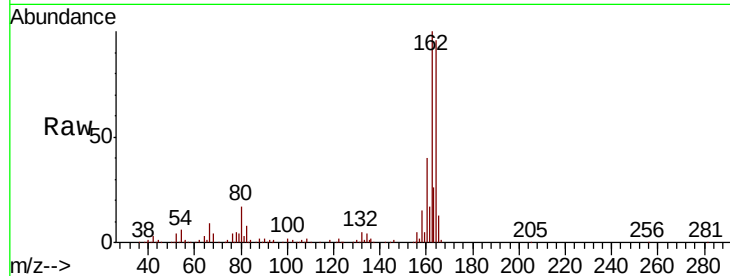
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.6	122.4
160	41.7	34.2	51.2

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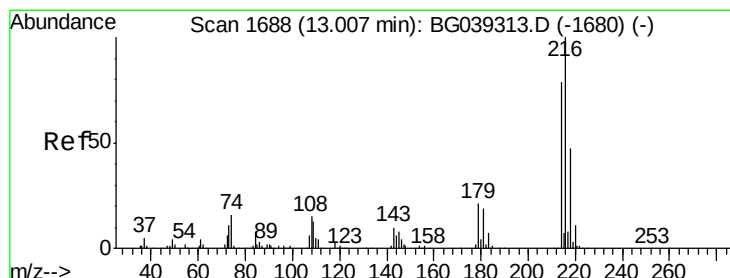
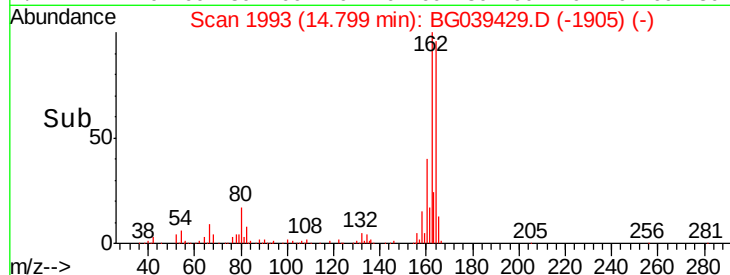
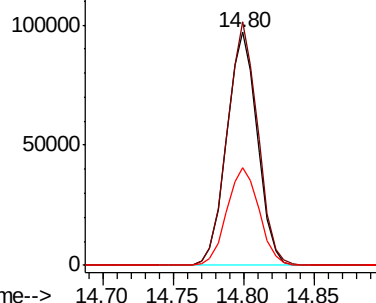


Abundance

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: 49.066 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.6	94.0
179	20.5	16.6	25.0
108	17.9	14.0	21.0

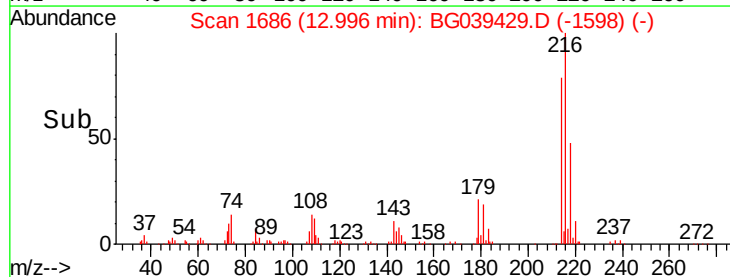
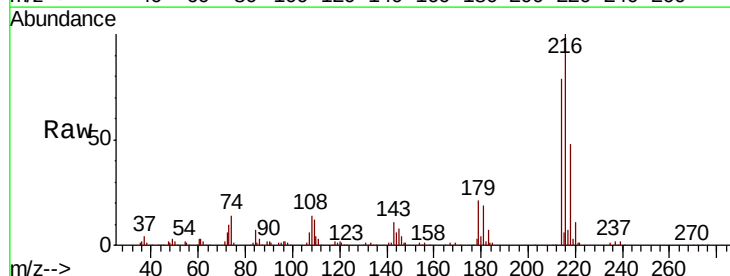
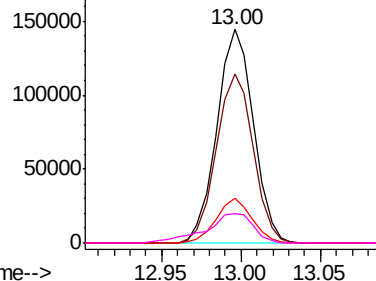
Abundance

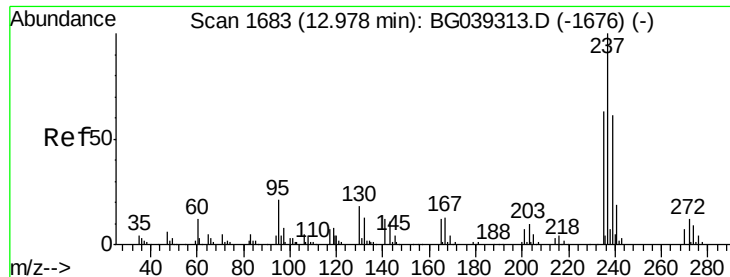
Ion 216.00 (215.70 to 216.70): E

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





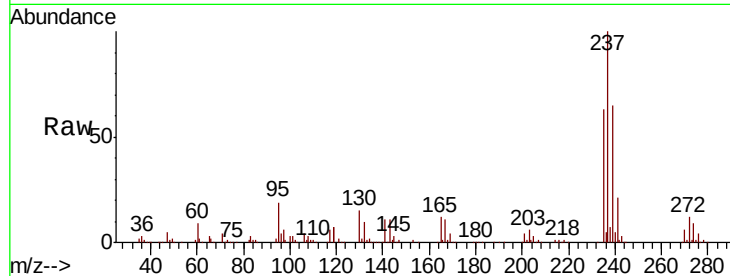
#41
Hexachlorocyclopentadiene
Concen: 105.804 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

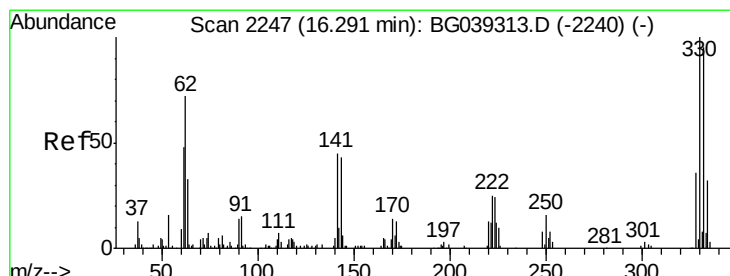
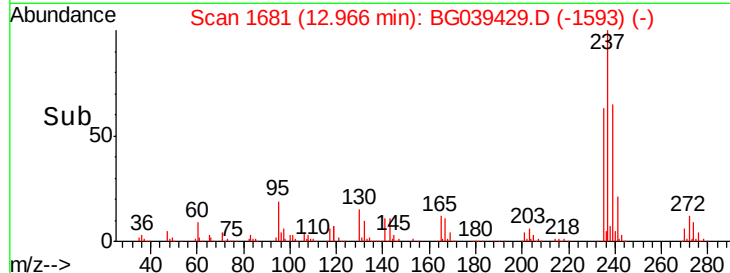
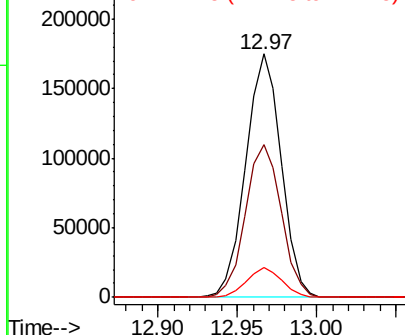
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.9	43.3	83.3
272	12.2	0.0	32.3

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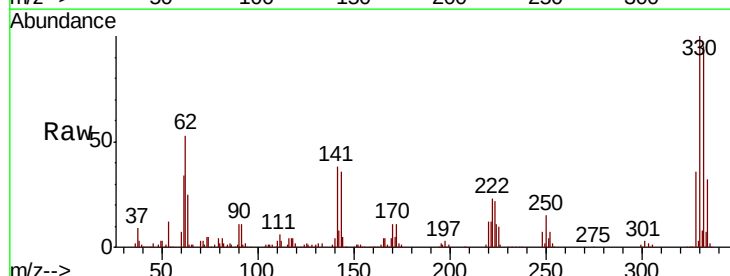


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

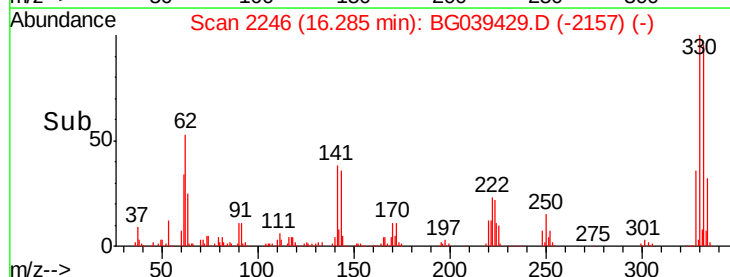
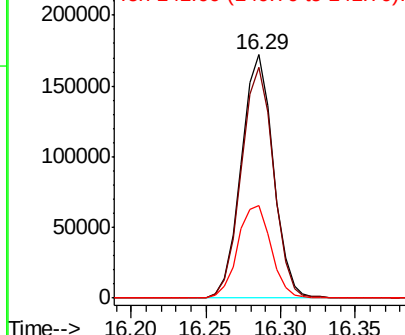


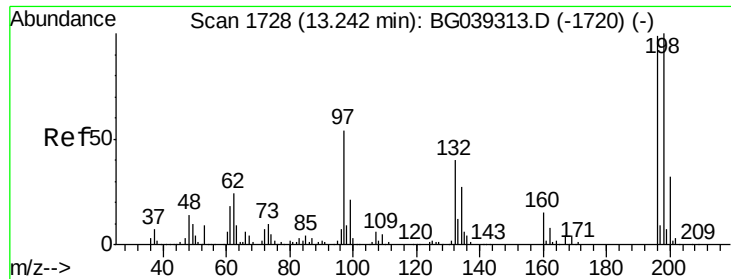
#42
2,4,6-Tribromophenol
Concen: 160.831 ng
RT: 16.29 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.5	75.7	113.5
141	39.5	35.6	53.4



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





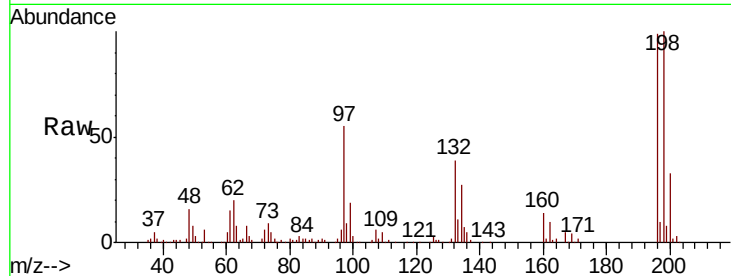
#43
 2,4,6-Trichlorophenol
 Concen: 54.329 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleID :
 OK-01-020719MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	157315		
198	100.6	80.6	121.0	
200	33.4	26.1	39.1	

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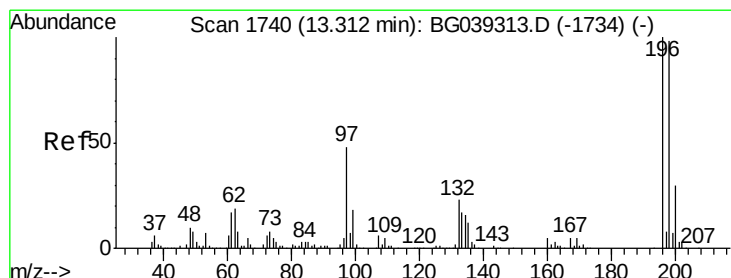
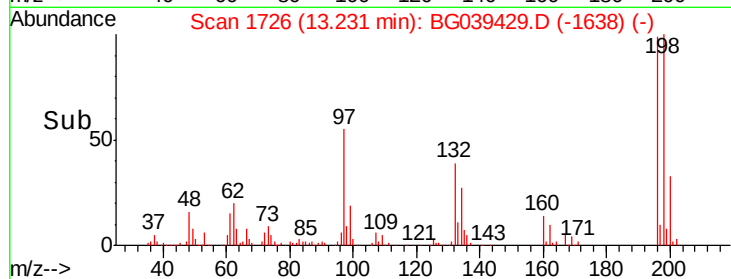
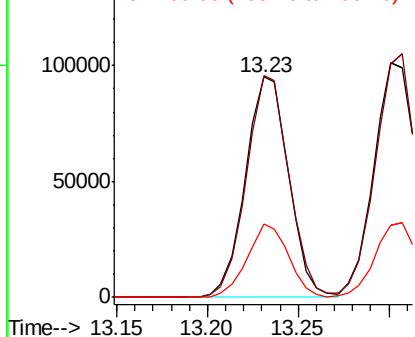


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 55.480 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168373		
198	99.5	78.5	117.7	
97	47.6	38.4	57.6	
132	26.0	19.2	28.8	

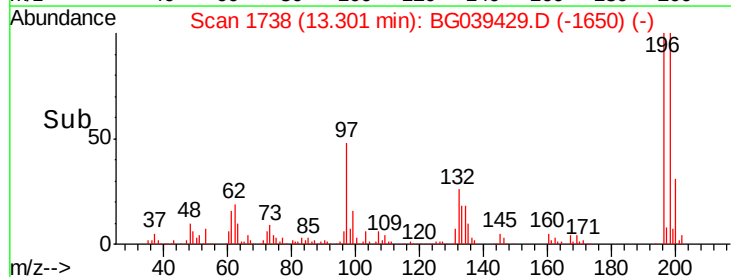
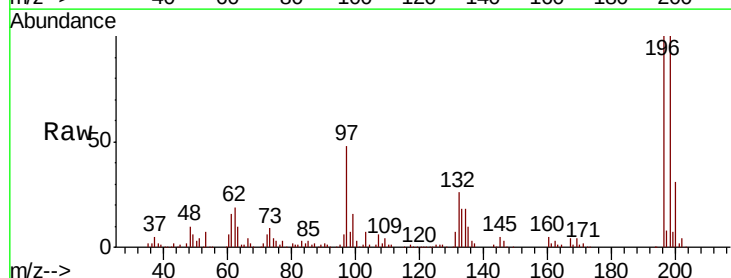
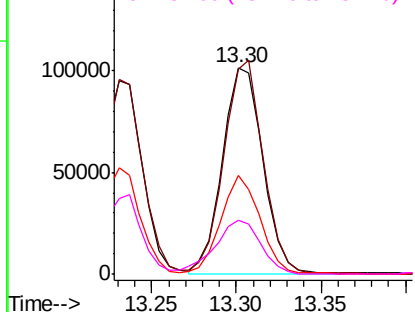
Abundance

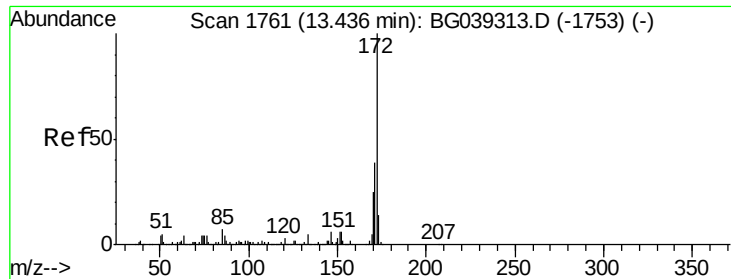
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E





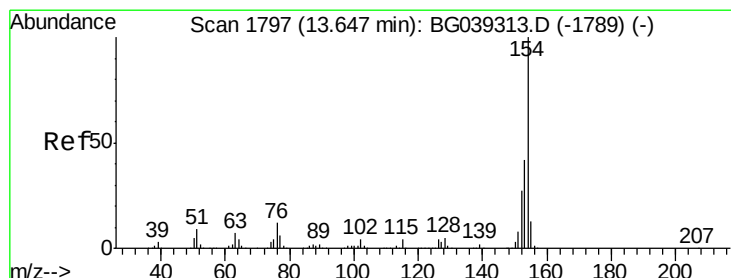
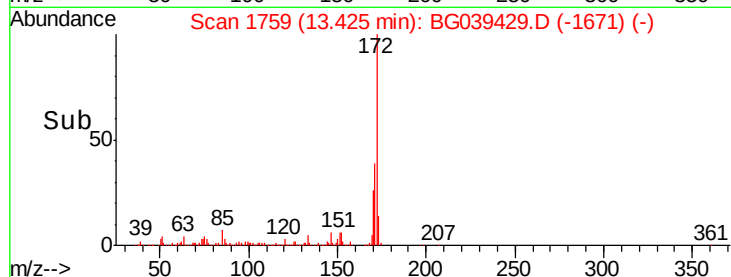
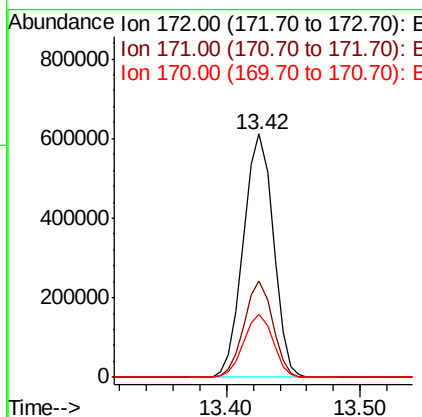
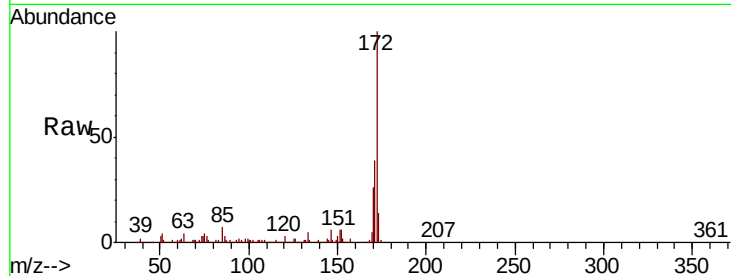
#45
2-Fluorobiphenyl
Concen: 91.980 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.8	46.2
170	25.9	20.2	30.4

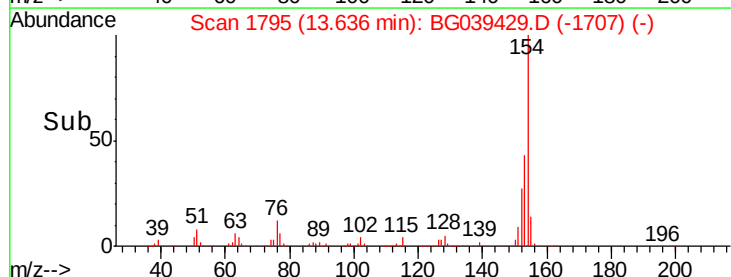
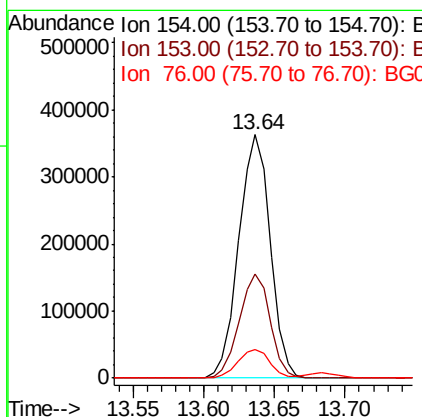
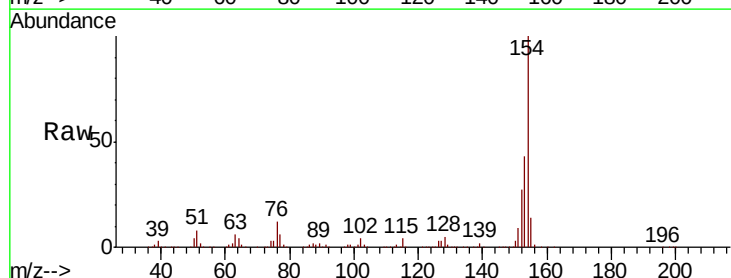
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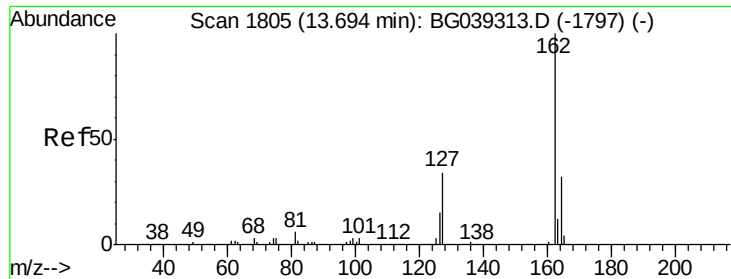
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#46
1,1'-Biphenyl
Concen: 45.733 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	11.9	0.0	32.4





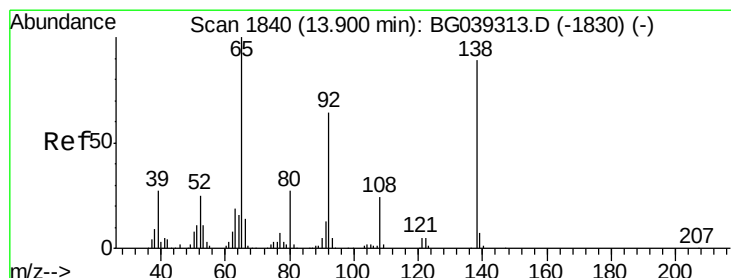
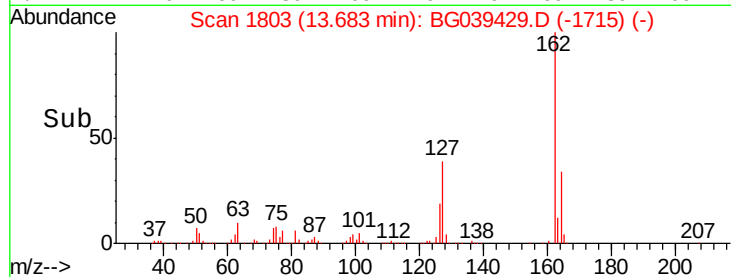
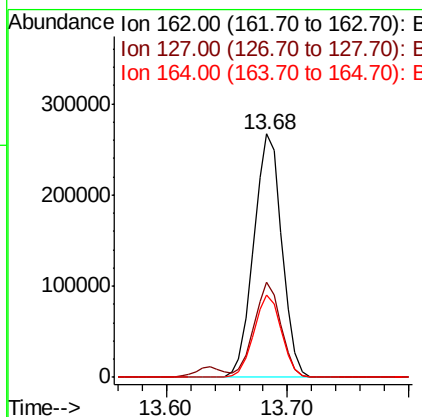
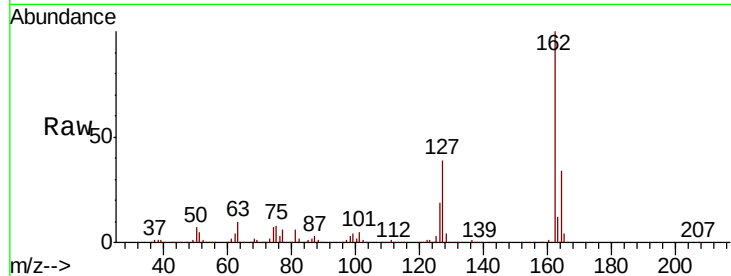
#47
2-Chloronaphthalene
Concen: 46.890 ng
RT: 13.68 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	31.0	46.6
164	34.0	25.7	38.5

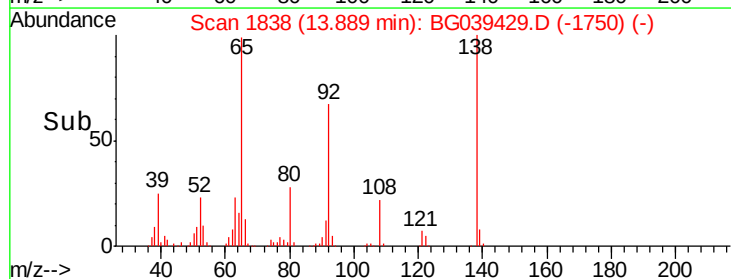
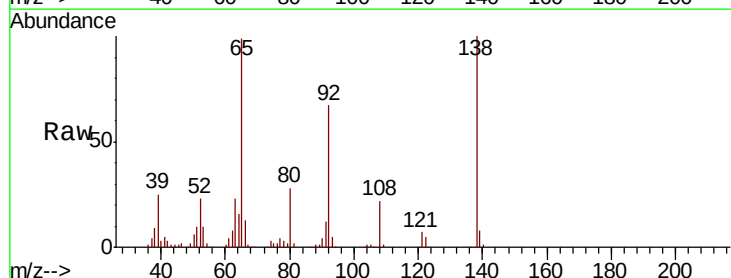
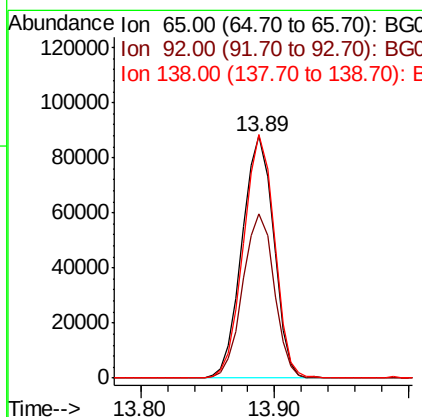
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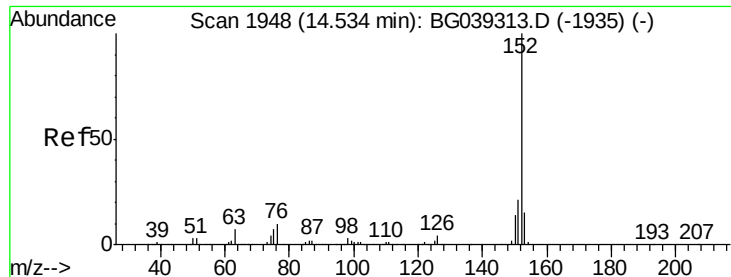
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#48
2-Nitroaniline
Concen: 53.058 ng
RT: 13.89 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	51.4	77.2
138	100.6	71.4	107.2





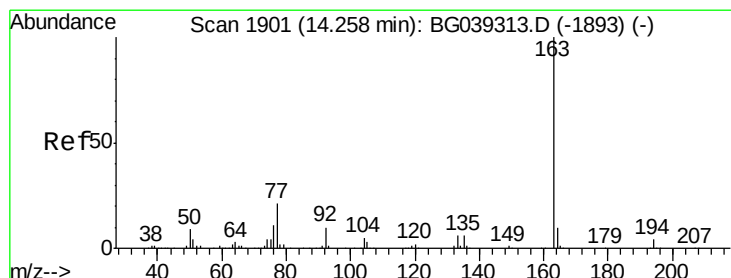
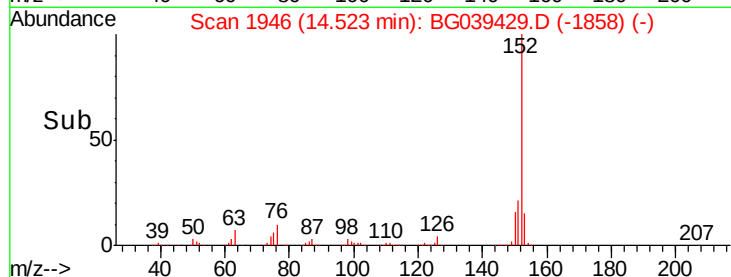
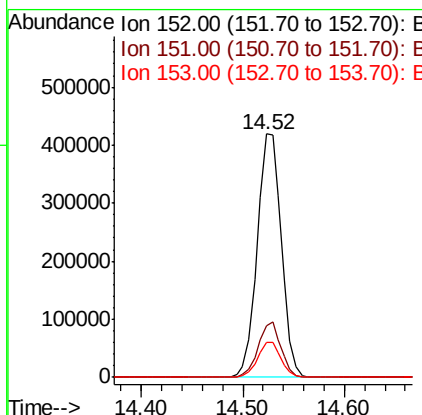
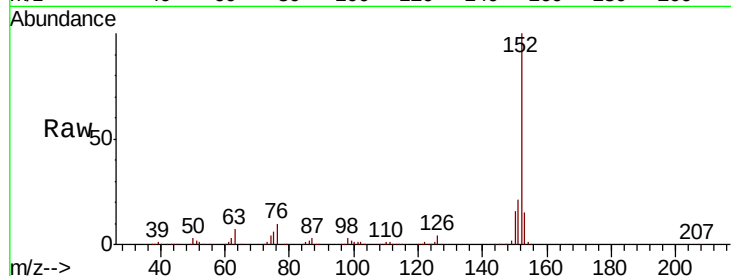
#49
Acenaphthylene
Concen: 49.813 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2
153	14.6	11.7	17.5

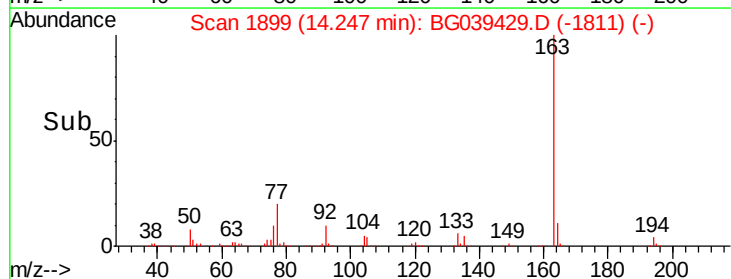
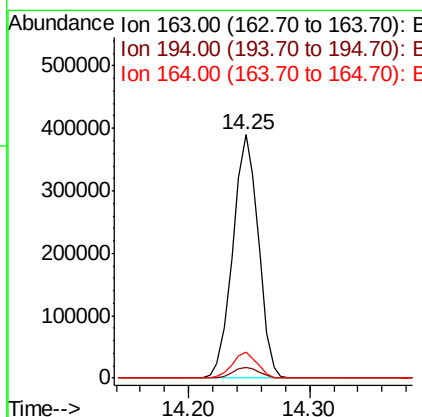
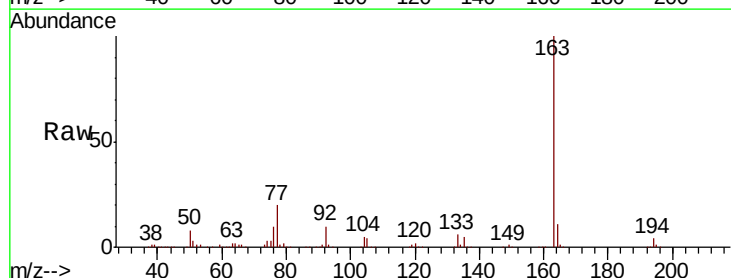
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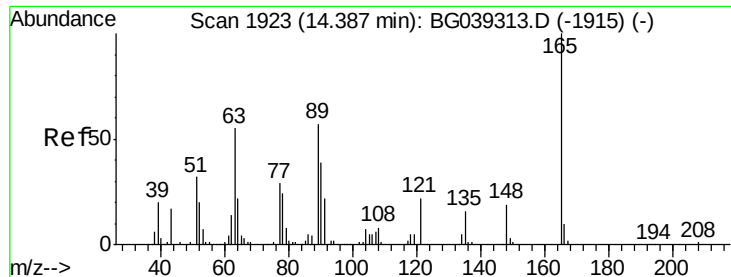
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#50
Dimethylphthalate
Concen: 48.121 ng
RT: 14.25 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.4	12.6





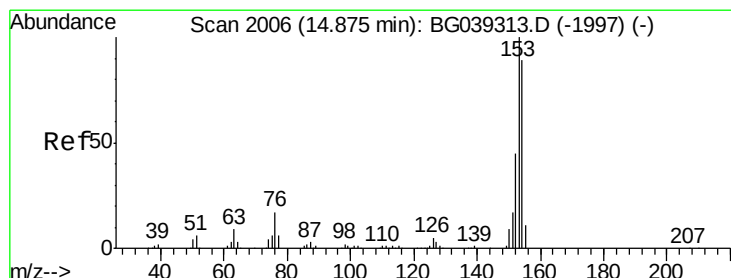
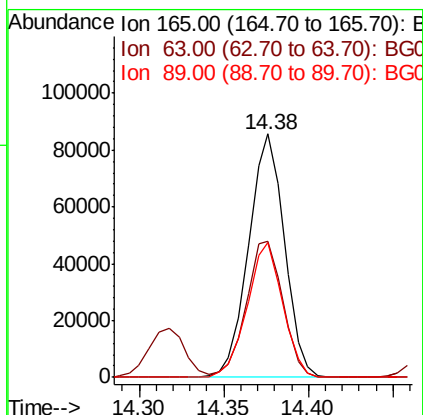
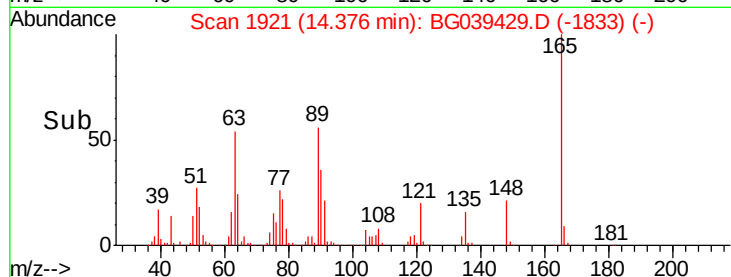
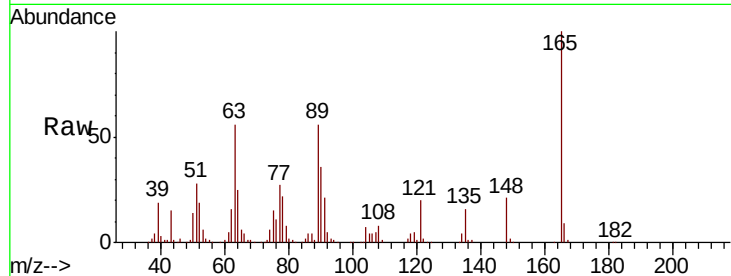
#51
2,6-Dinitrotoluene
Concen: 55.332 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	126215		
63	55.7	47.0	70.6	
89	55.6	45.8	68.8	

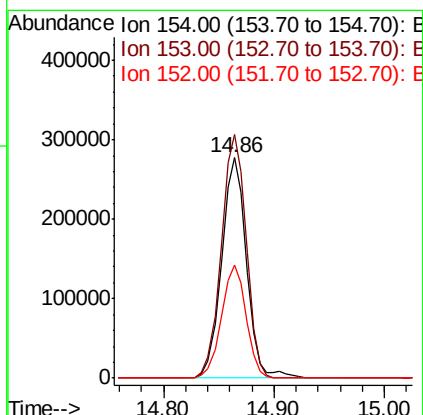
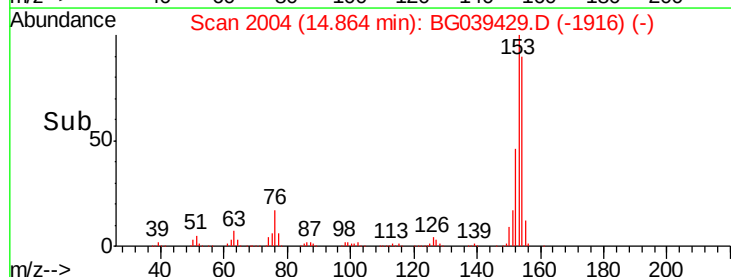
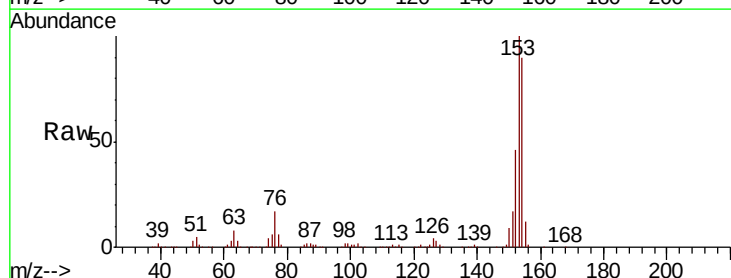
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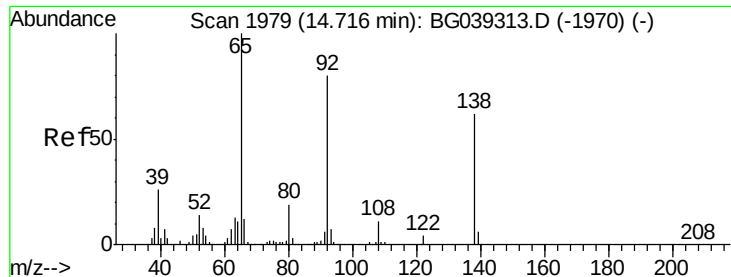
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#52
Acenaphthene
Concen: 48.178 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	437178		
153	110.5	90.1	135.1	
152	51.2	40.9	61.3	





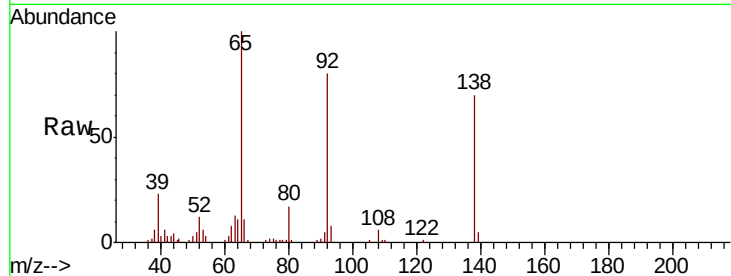
#53
3-Nitroaniline
Concen: 16.373 ng
RT: 14.71 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

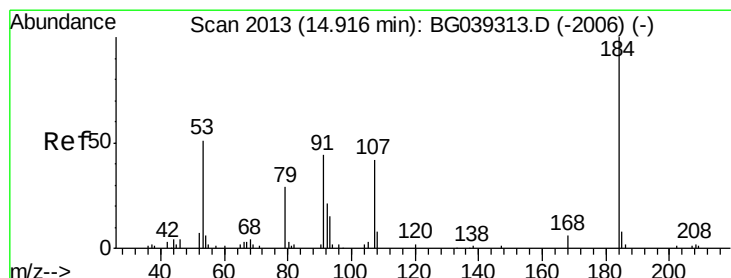
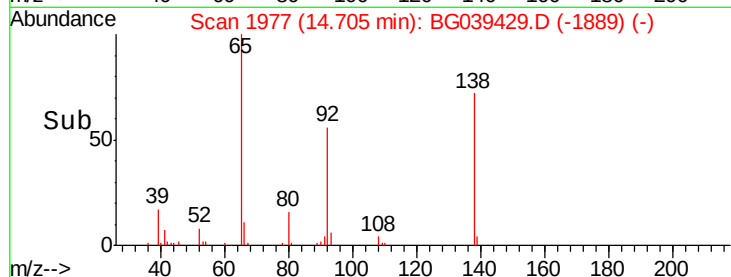
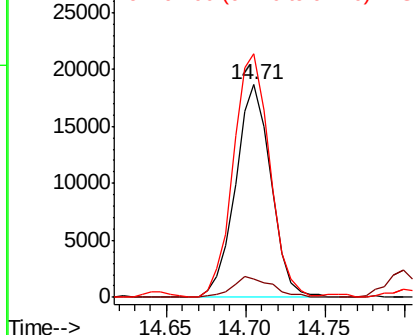
Tot Ion:138 Resp: 29007
Ion Ratio Lower Upper
138 100
108 8.7 13.8 20.8#
92 114.5 103.7 155.5

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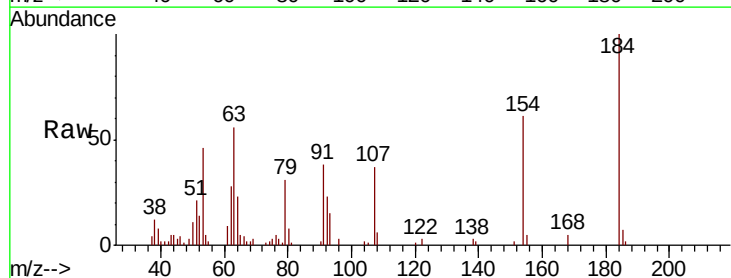


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

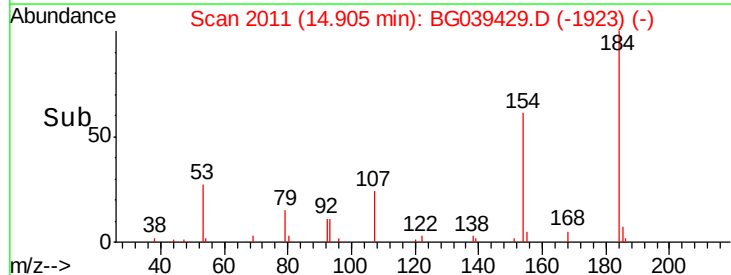
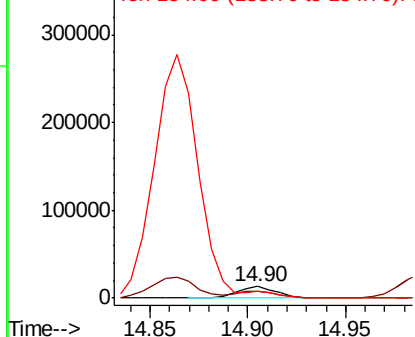


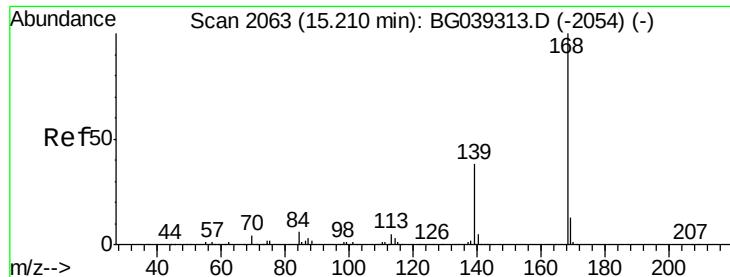
#54
2,4-Dinitrophenol
Concen: 28.238 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion:184 Resp: 18665
Ion Ratio Lower Upper
184 100
63 56.1 50.9 76.3
154 61.3 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





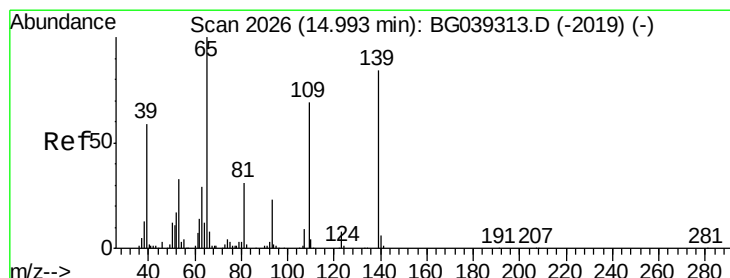
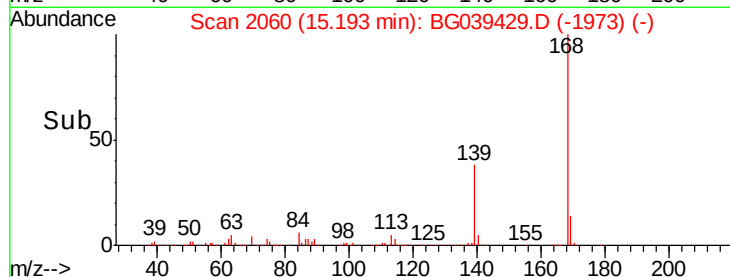
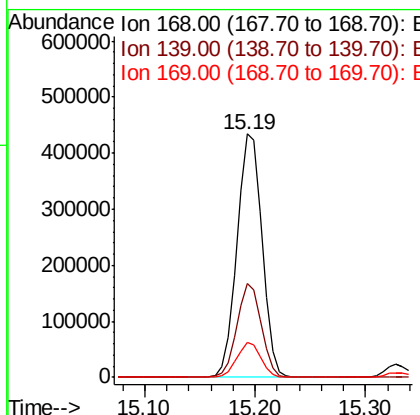
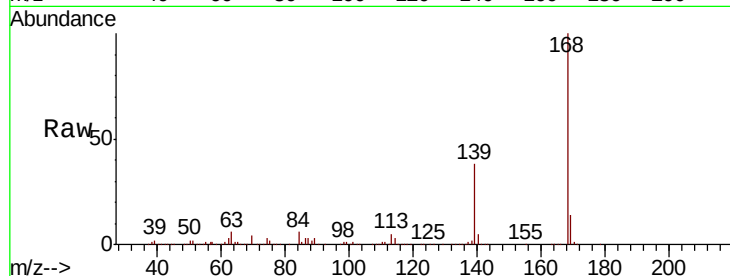
#55
Dibenzofuran
Concen: 47.655 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	14.2	10.6	16.0

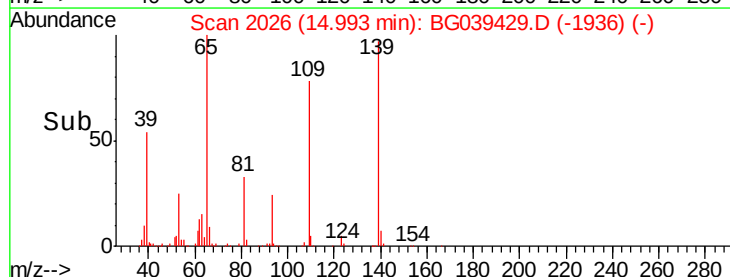
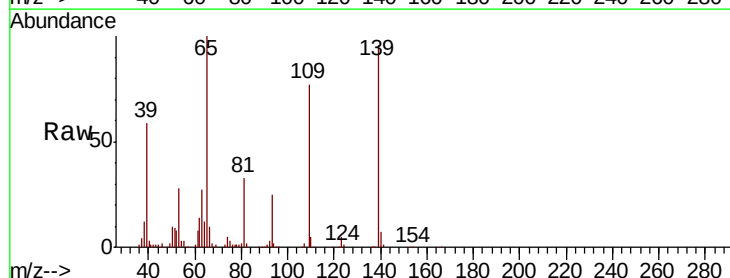
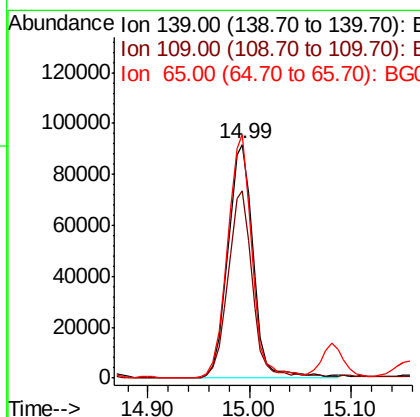
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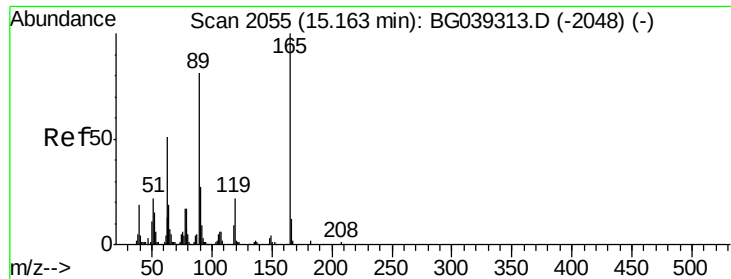
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#56
4-Nitrophenol
Concen: 74.608 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.1	61.9	101.9
65	104.1	99.1	139.1





#57

2,4-Dinitrotoluene

Concen: 60.709 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

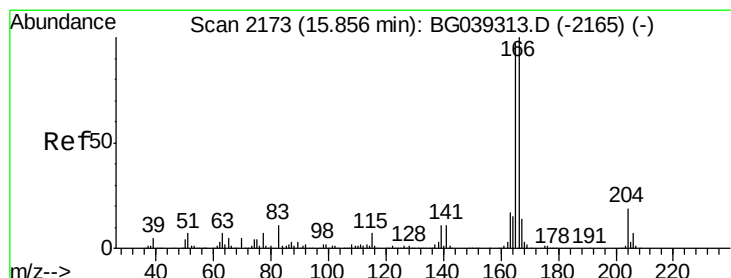
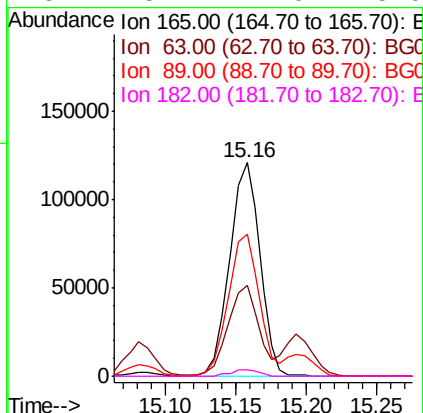
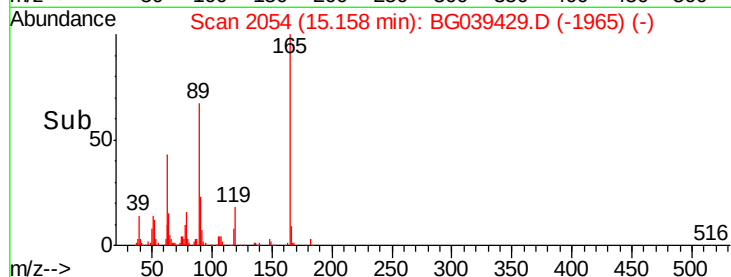
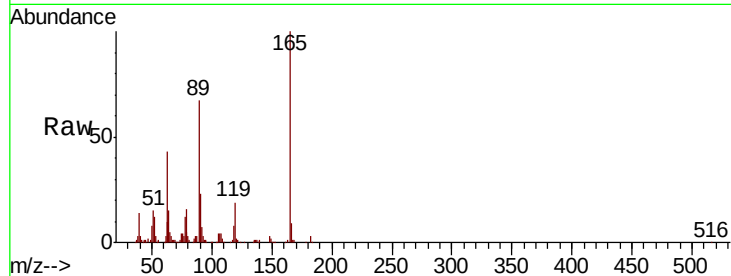
ClientSampleId :

OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.8	41.0	61.6
89	66.6	64.6	96.8
182	3.2	2.0	3.0#

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#58

Fluorene

Concen: 50.611 ng

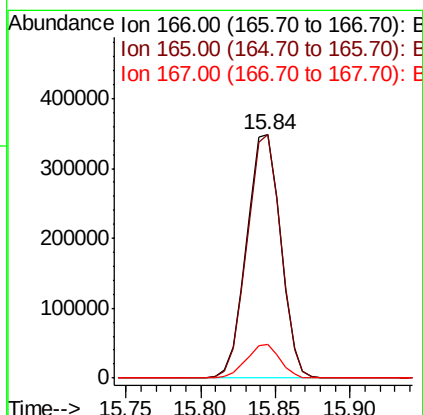
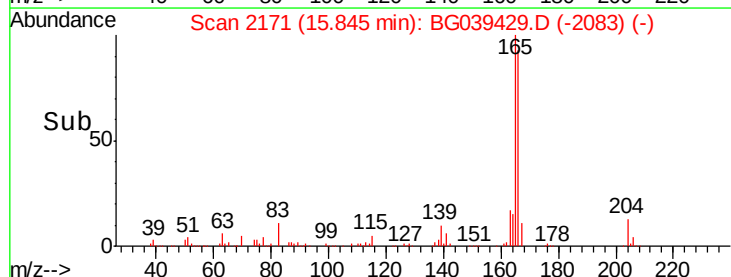
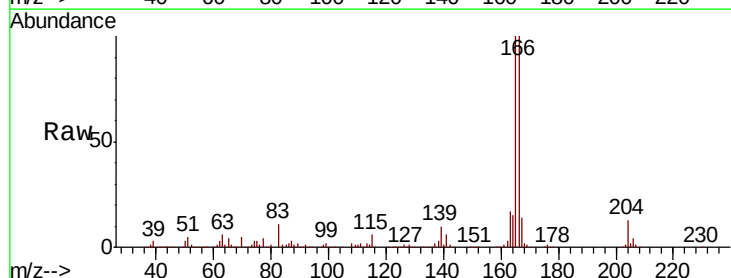
RT: 15.84 min Scan# 2171

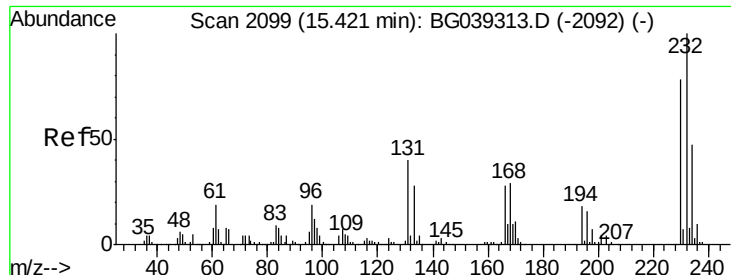
Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.9	116.9
167	13.7	10.8	16.2





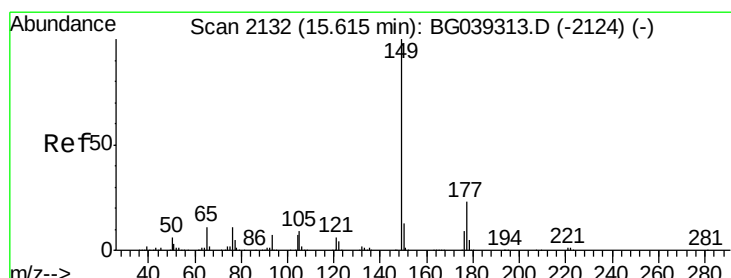
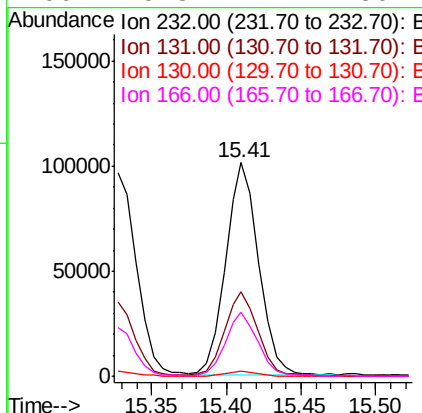
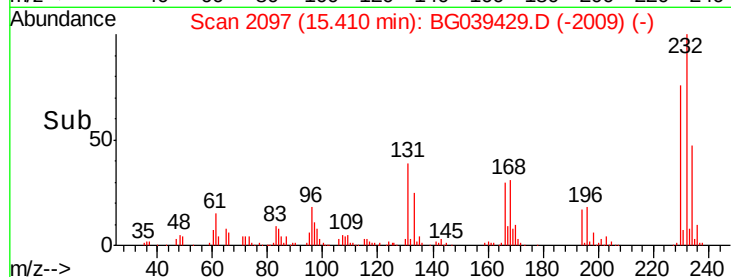
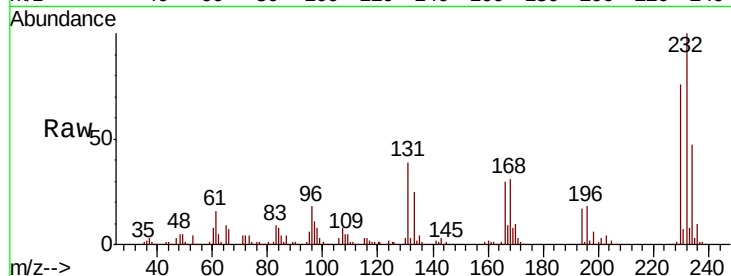
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.730 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		155518		
131	39.7	34.9	52.3		
130	2.4	2.0	3.0		
166	29.3	24.1	36.1		

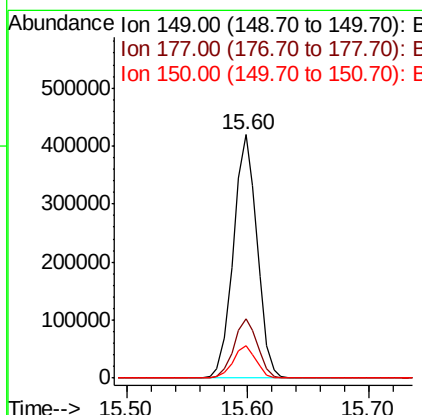
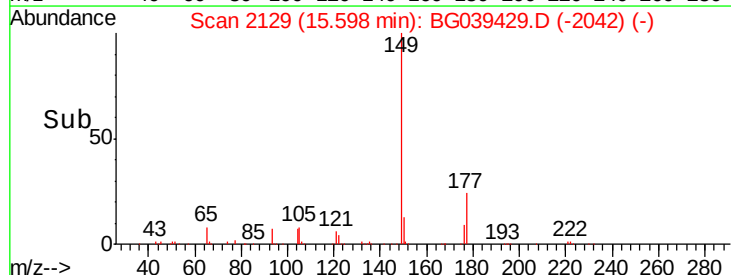
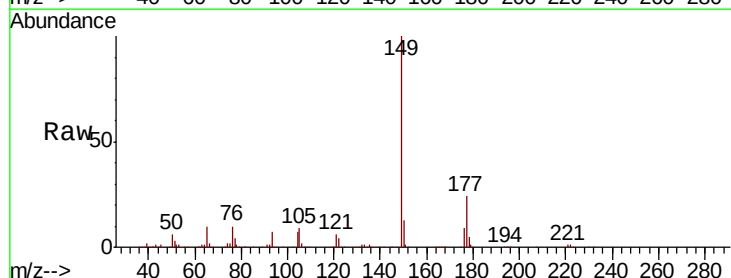
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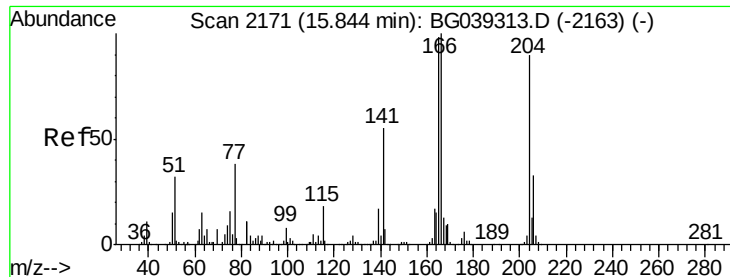
Sohil
 2/11/2019 10:13:56 AM



#60
 Diethylphthalate
 Concen: 46.261 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		571779		
177	24.2	18.3	27.5		
150	13.4	10.2	15.2		





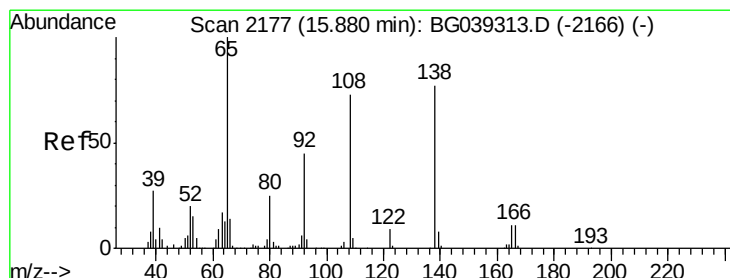
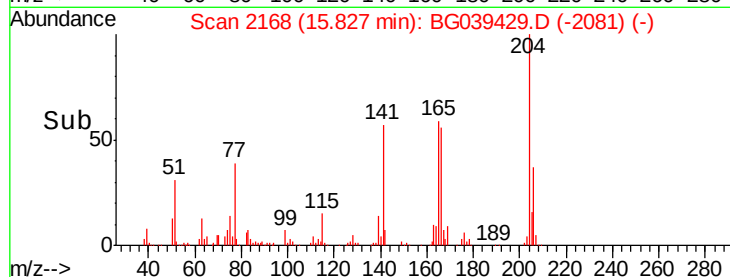
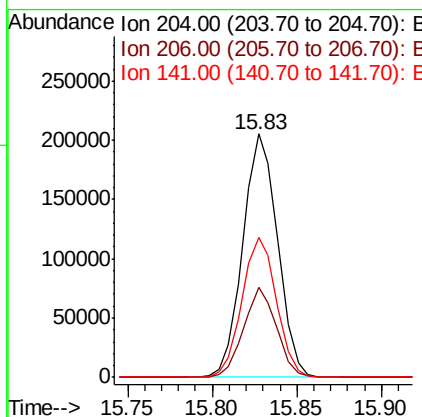
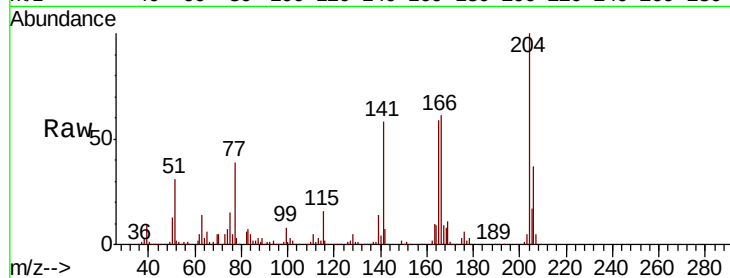
#61
4-Chlorophenyl-phenylether
Concen: 47.865 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	37.2	29.2	43.8
141	57.6	49.0	73.4

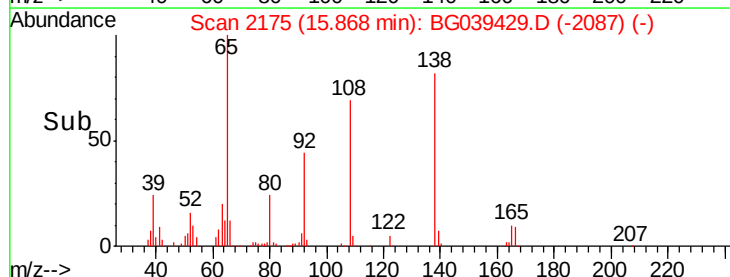
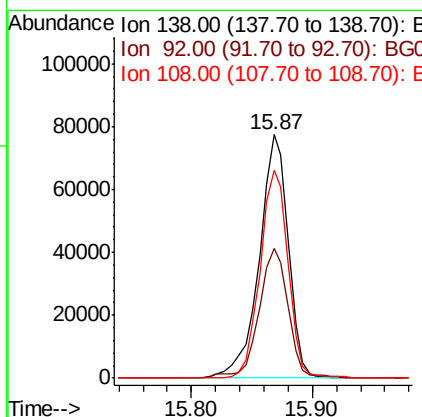
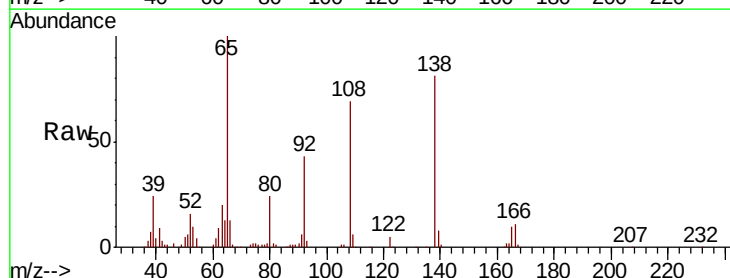
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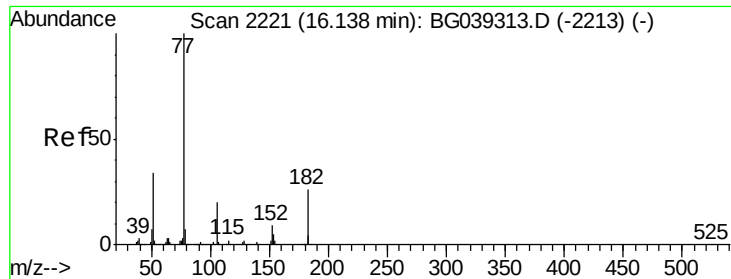
Sohil
2/11/2019 10:13:56 AM



#62
4-Nitroaniline
Concen: 51.078 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	38.7	78.7
108	85.1	74.6	114.6





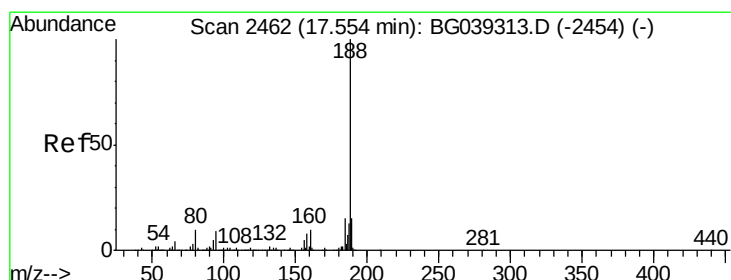
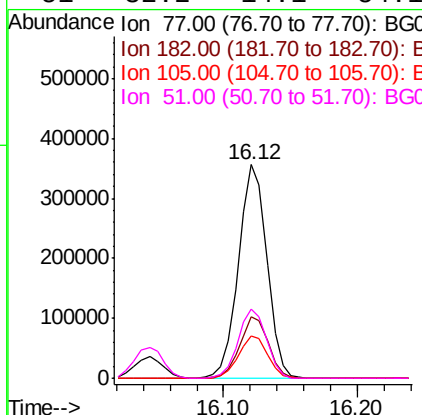
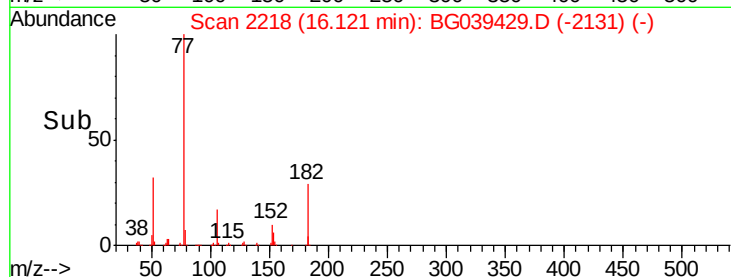
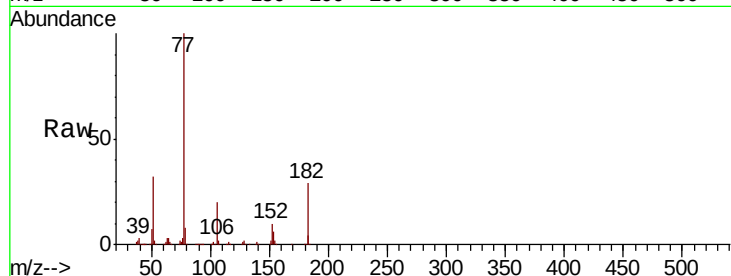
#63
Azobenzene
Concen: 43.354 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.8	6.4	46.4	
105	20.0	0.0	39.8	
51	32.2	14.1	54.1	

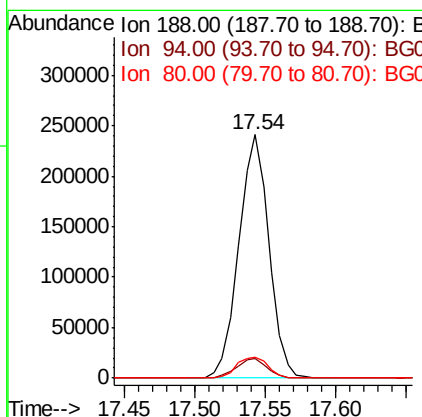
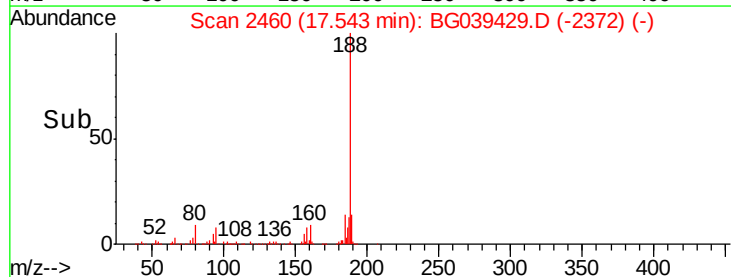
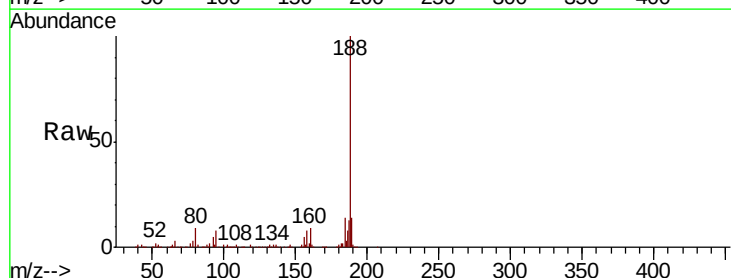
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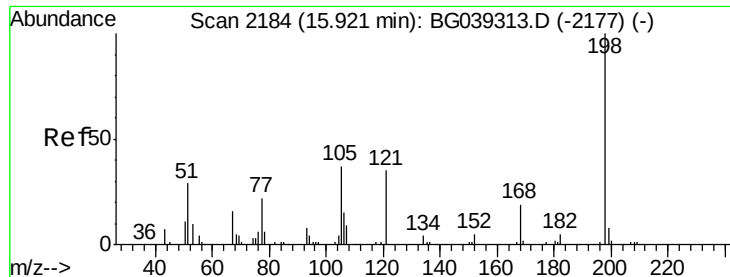
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	6.9	10.3	
80	8.7	8.1	12.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 25.242 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

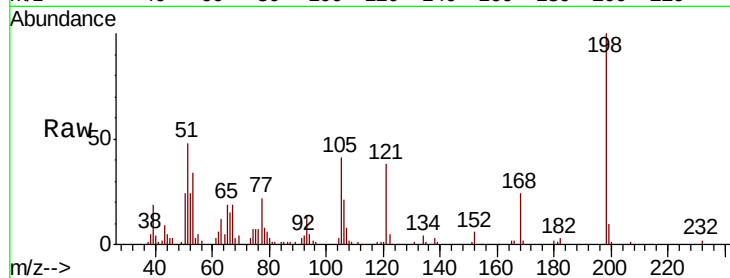
ClientSampleId :

OK-01-020719MSD

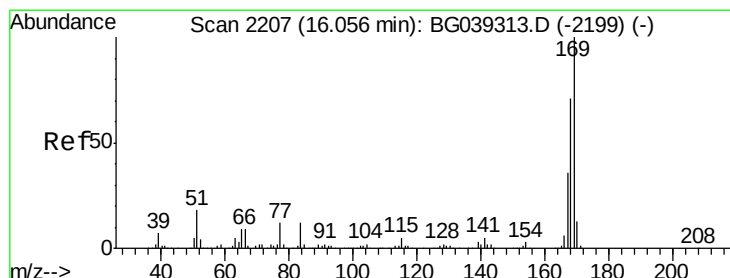
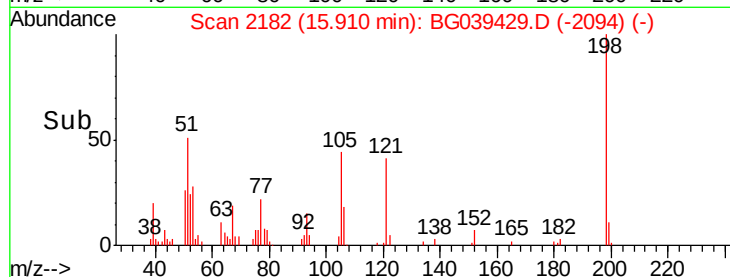
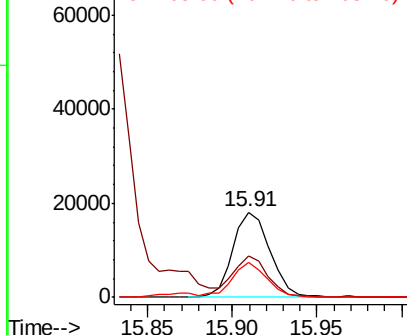
Tot Ion:	198	Resp:	27735
Ion Ratio	Lower	Upper	
198	100		
51	48.3	27.4	67.4
105	41.5	19.7	59.7

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.063 ng

RT: 16.04 min Scan# 2205

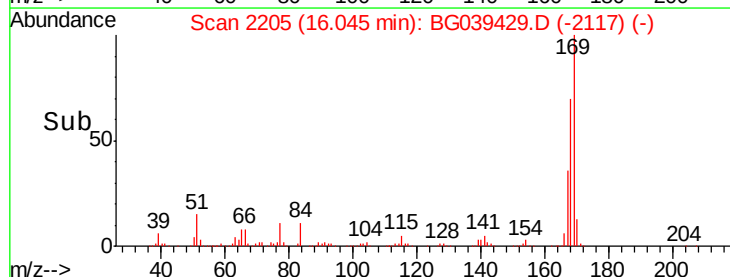
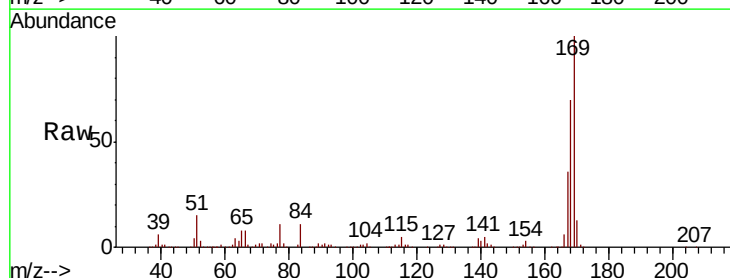
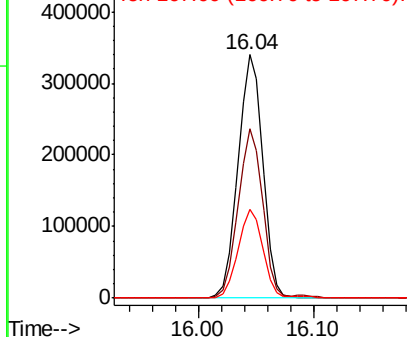
Delta R.T. -0.01 min

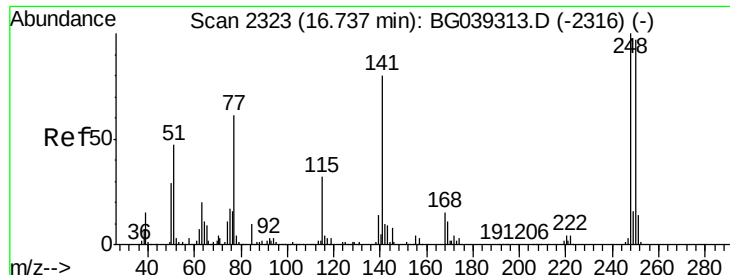
Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	169	Resp:	502215
Ion Ratio	Lower	Upper	
169	100		
168	69.5	56.6	85.0
167	36.3	28.8	43.2

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





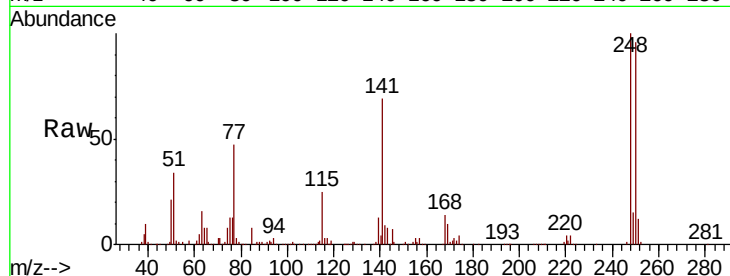
#67
4-Bromophenyl-phenylether
Concen: 48.162 ng
RT: 16.73 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.6	116.4
141	69.3	63.9	95.9

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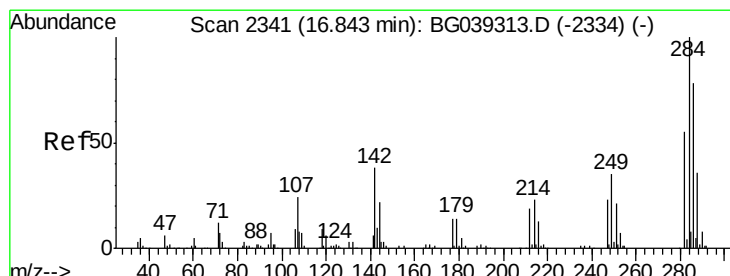
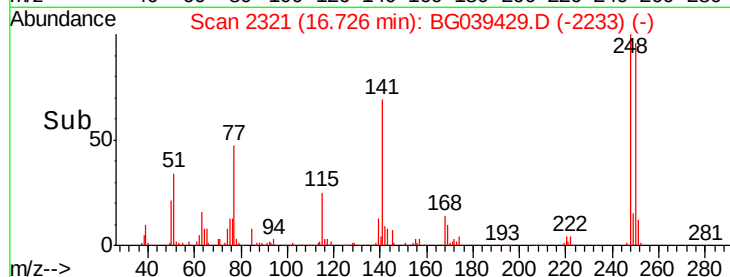
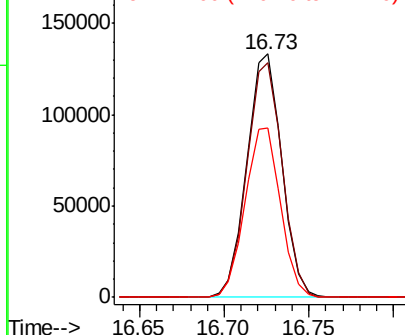


Abundance

Ion 248.00 (247.70 to 248.70): E

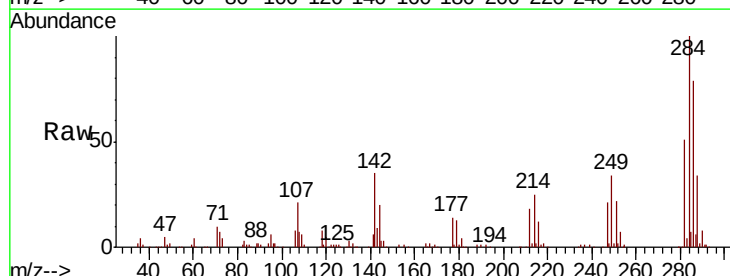
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.400 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.4	30.6	45.8
249	34.0	28.2	42.2

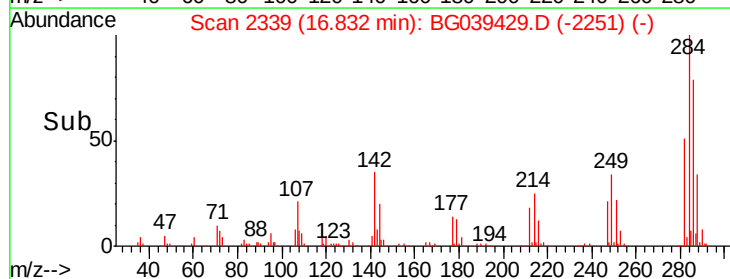
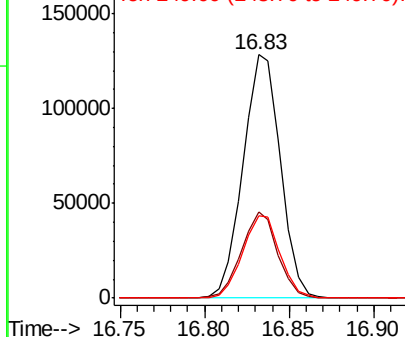


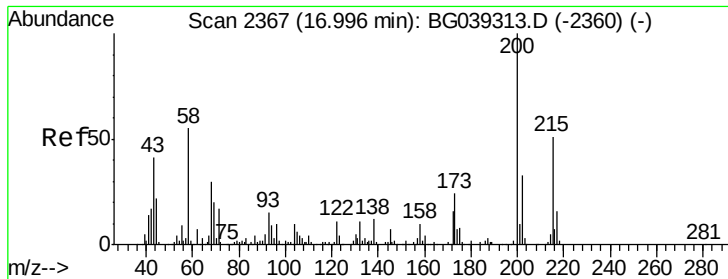
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





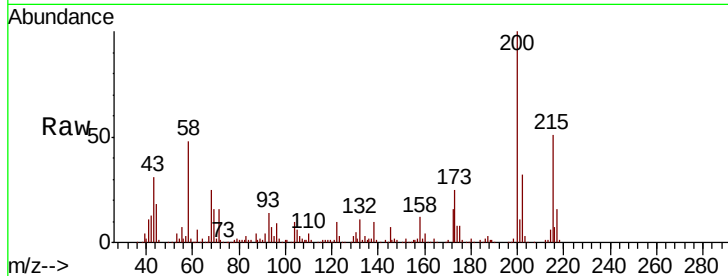
#69
Atrazine
Concen: 50.031 ng
RT: 16.98 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	3.9	43.9
215	51.3	30.9	70.9

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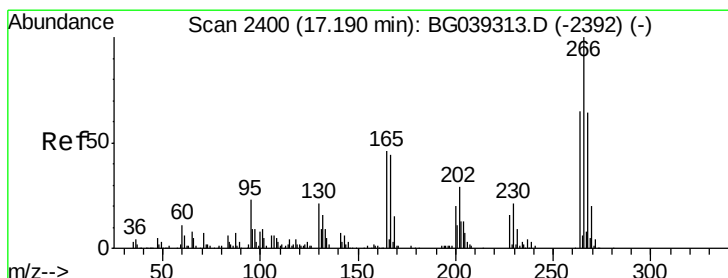
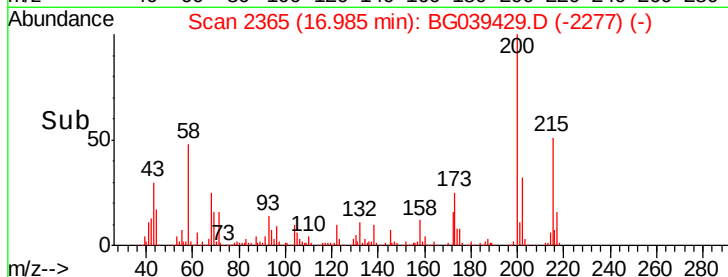
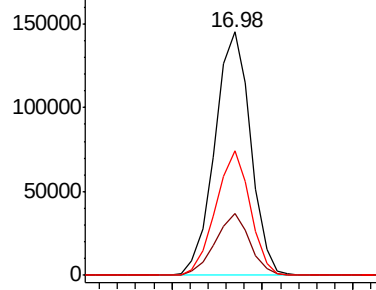


Abundance

Ion 200.00 (199.70 to 200.70): E

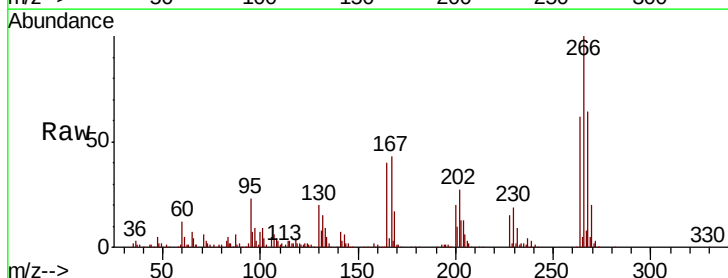
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 43.577 ng
RT: 17.18 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.4	51.1	76.7
264	62.0	52.1	78.1

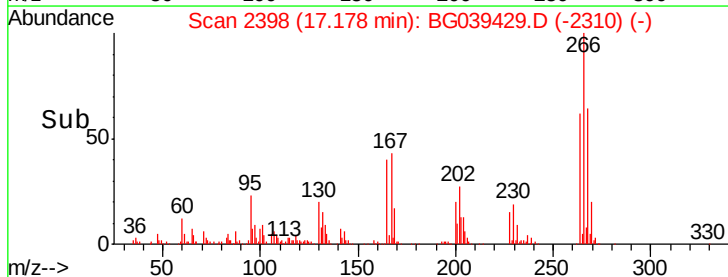
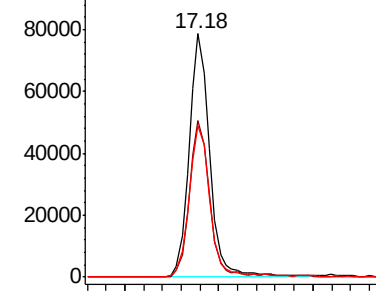


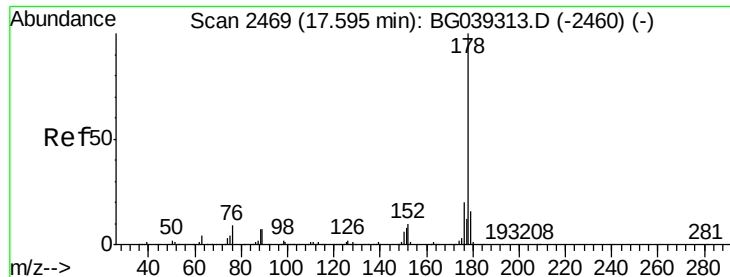
Abundance

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





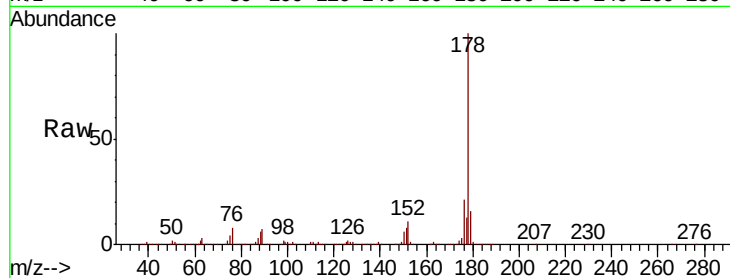
#71
Phenanthrene
Concen: 49.511 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

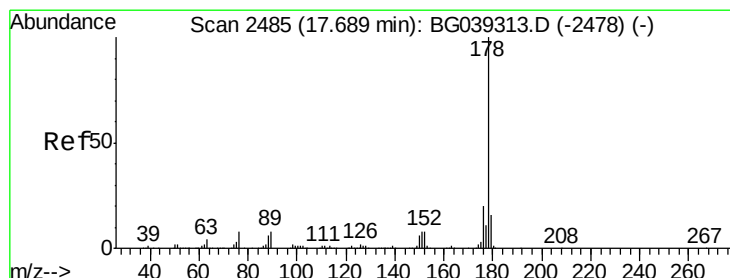
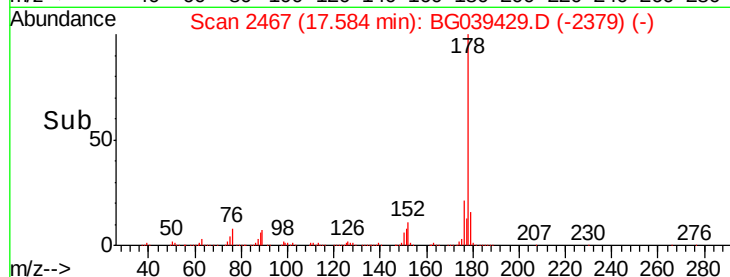
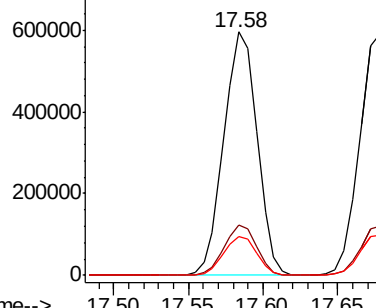
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	16.1	12.6	19.0

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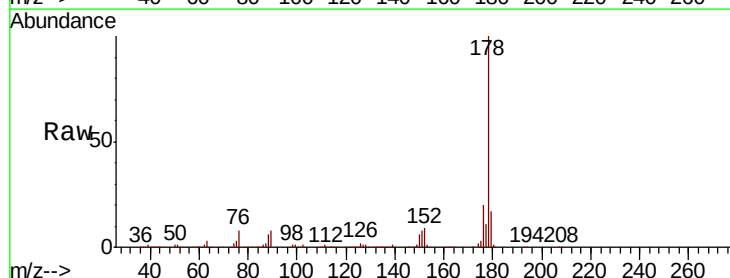


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

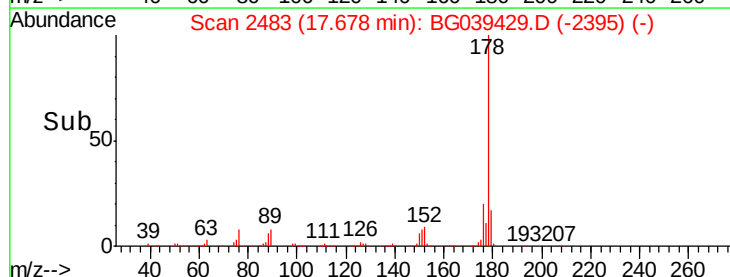
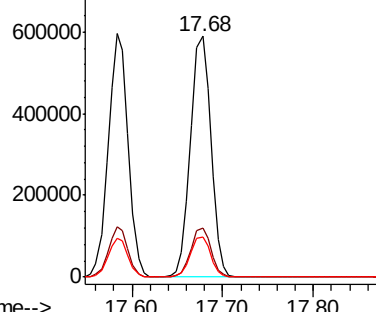


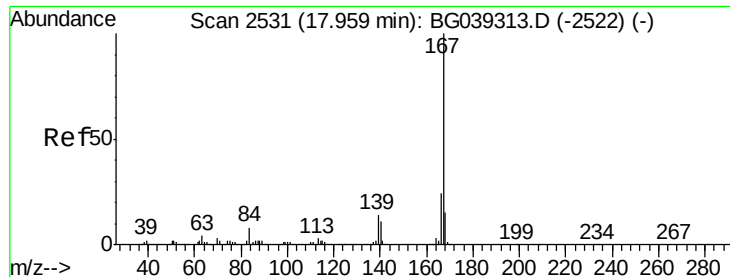
#72
Anthracene
Concen: 50.561 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	16.9	12.5	18.7



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





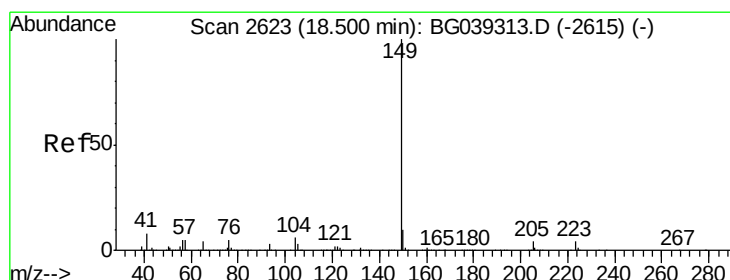
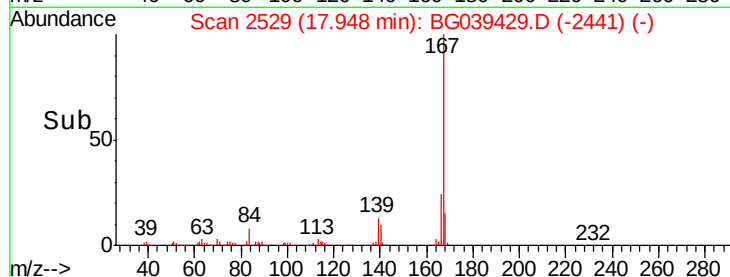
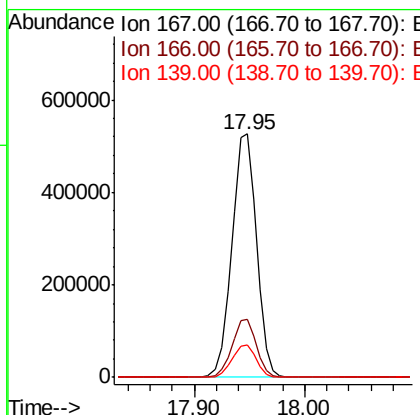
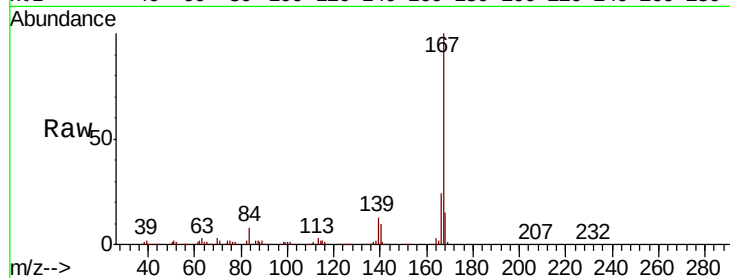
#73
 Carbazole
 Concen: 45.177 ng
 RT: 17.95 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.4	29.2
139	13.4	10.8	16.2

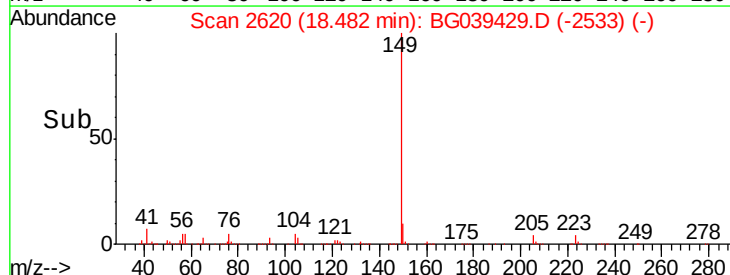
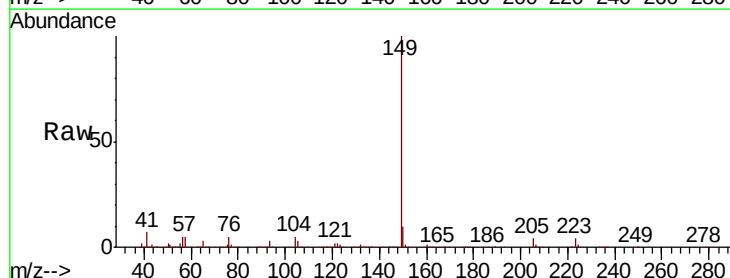
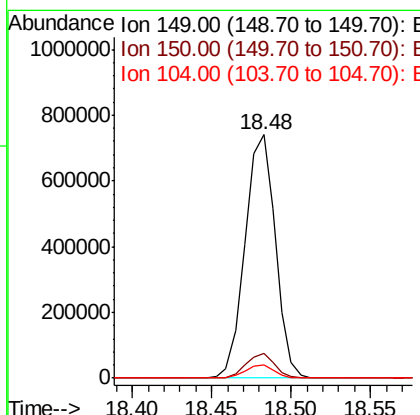
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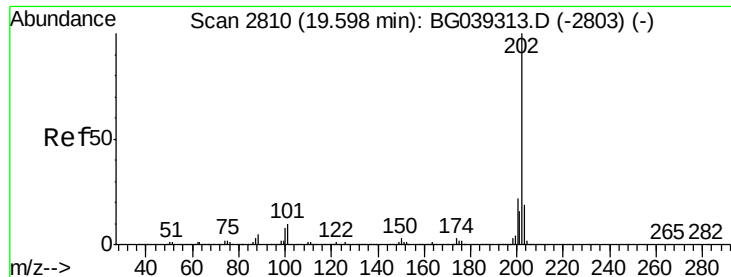
Sohil
 2/11/2019 10:13:56 AM



#74
 Di-n-butylphthalate
 Concen: 46.088 ng
 RT: 18.48 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 51.141 ng

RT: 19.59 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

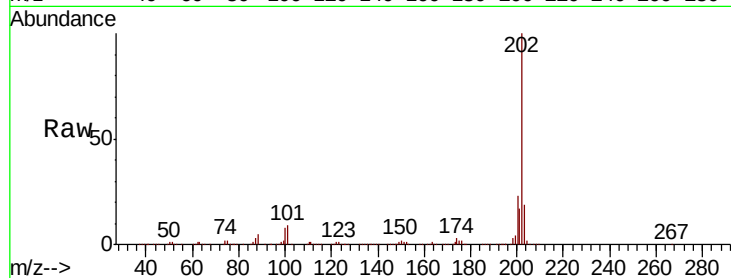
ClientSampleId :

OK-01-020719MSD

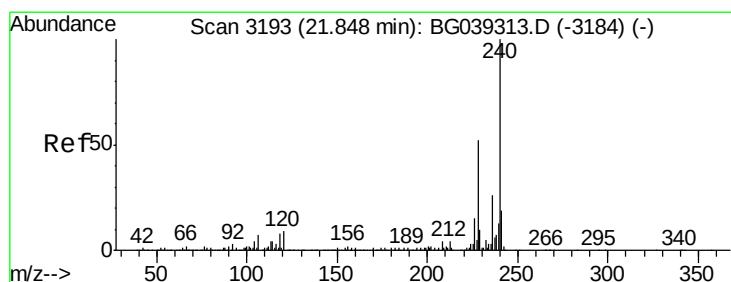
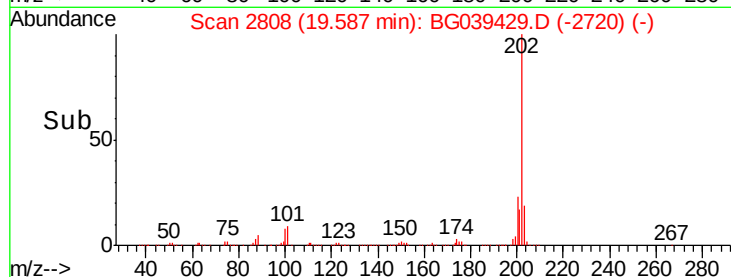
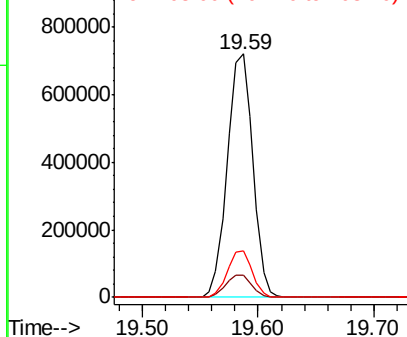
Tot Ion:	202	Resp:	1101579
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.0
203	18.9	0.0	38.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

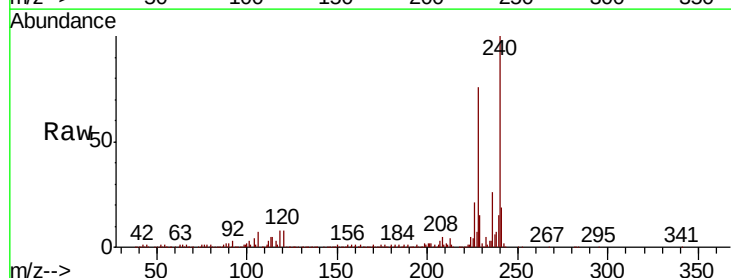
RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

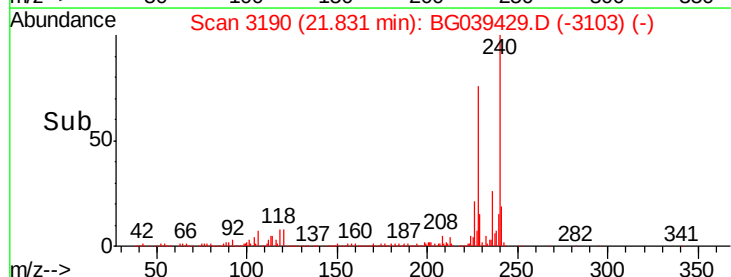
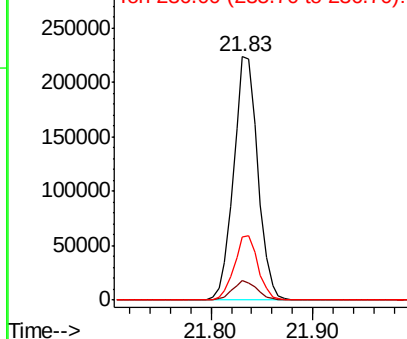
Lab File: BG039429.D

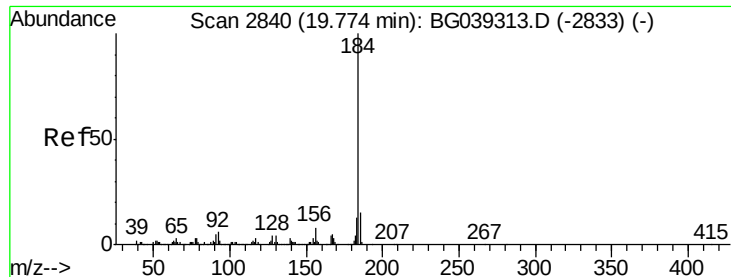
Acq: 8 Feb 2019 23:49

Tgt Ion:	240	Resp:	369192
Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.0	10.6
236	25.8	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.982 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

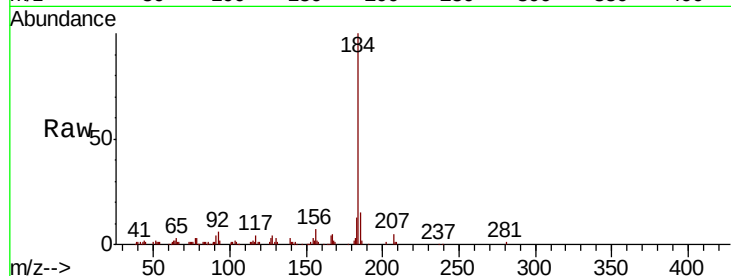
ClientSampleId :

OK-01-020719MSD

Tot Ion:	184	Resp:	84514
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.2	18.2
183	13.1	10.6	15.8

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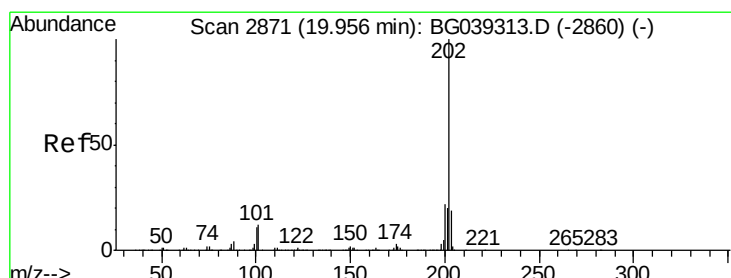
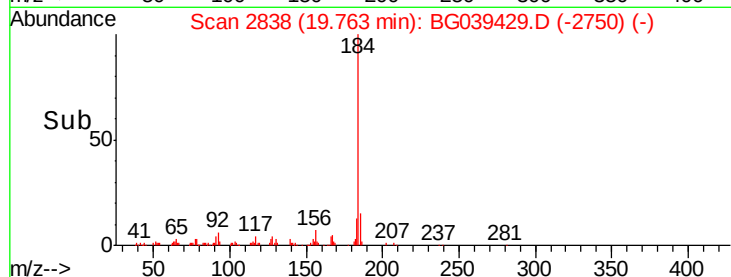
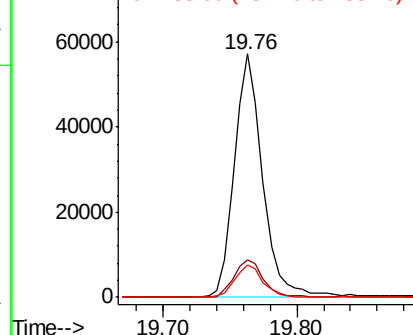


Abundance

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: 48.717 ng

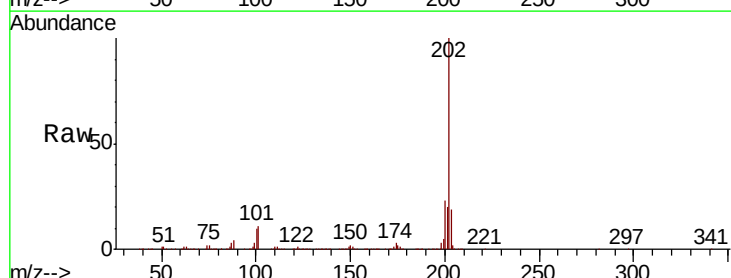
RT: 19.95 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	202	Resp:	1119666
Ion Ratio	Lower	Upper	
202	100		
200	22.8	17.8	26.8
203	19.1	15.3	22.9

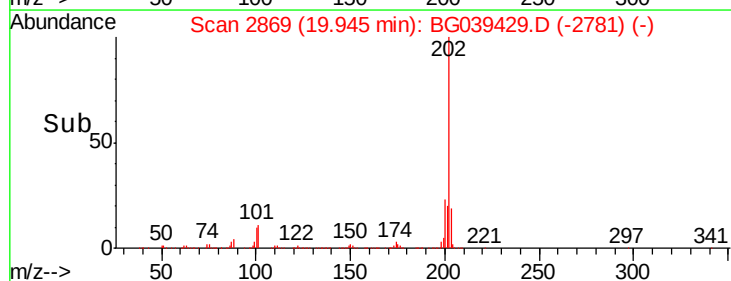
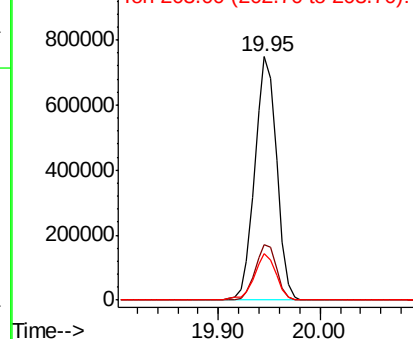


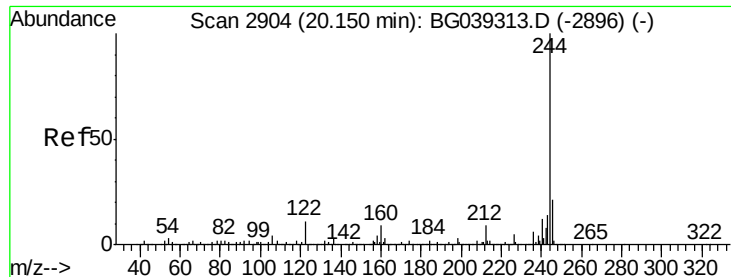
Abundance

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: 88.972 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

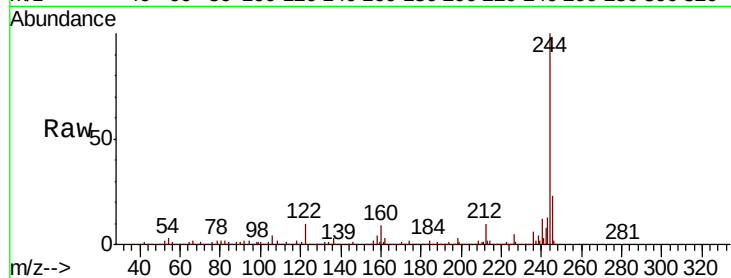
ClientSampleId :

OK-01-020719MSD

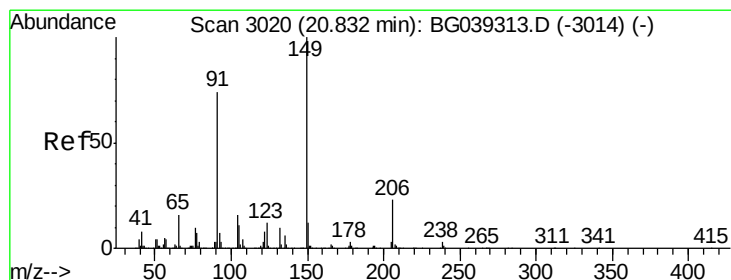
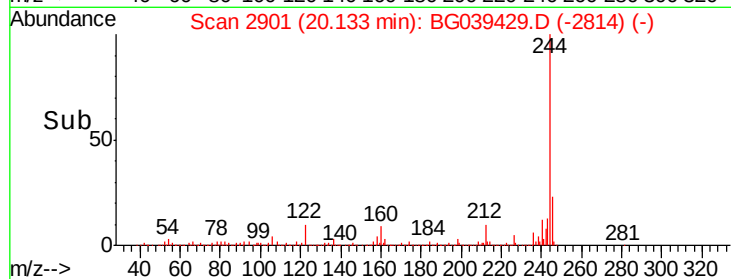
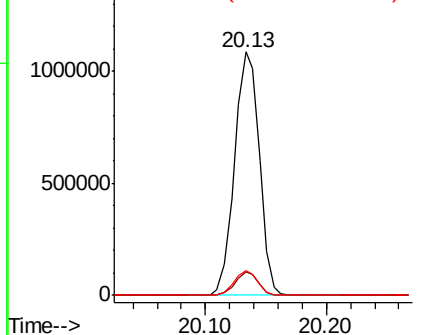
Tot Ion:	244	Resp:	1551850
Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.2	8.4	12.6

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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: 48.358 ng

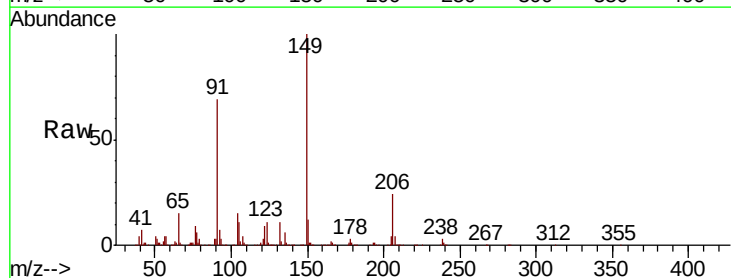
RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

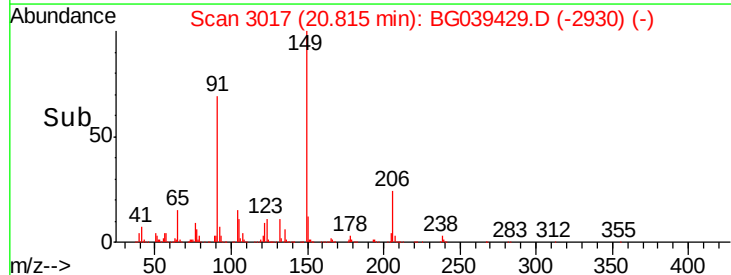
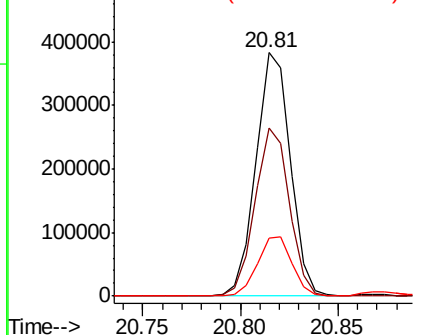
Lab File: BG039429.D

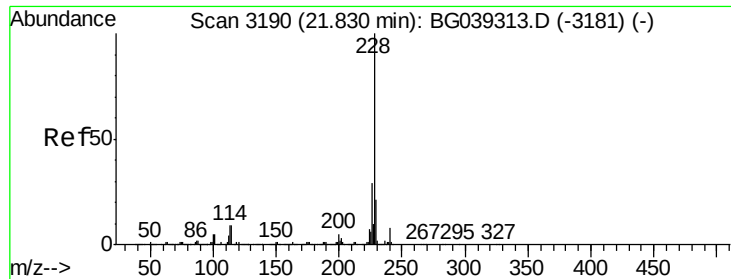
Acq: 8 Feb 2019 23:49

Tgt Ion:	149	Resp:	468839
Ion	Ratio	Lower	Upper
149	100		
91	69.3	59.5	89.3
206	23.9	18.6	27.8



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: 50.933 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

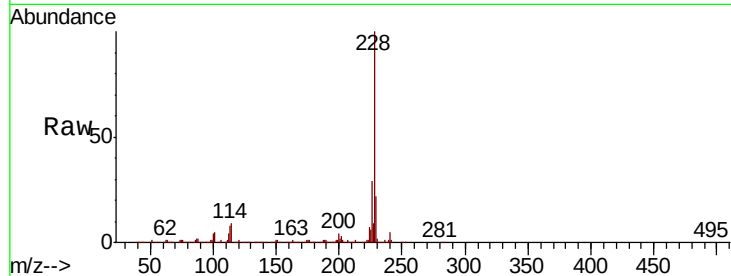
ClientSampleId :

OK-01-020719MSD

Tot Ion:	228	Resp:	1111121
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	21.8	16.9	25.3

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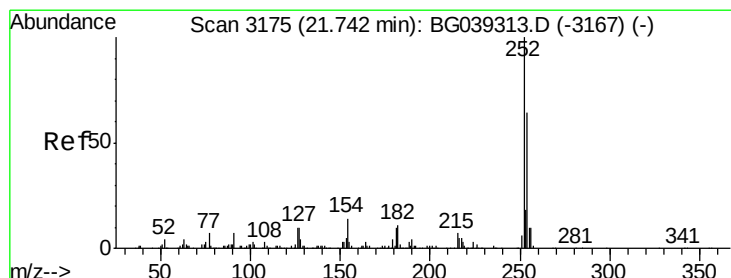
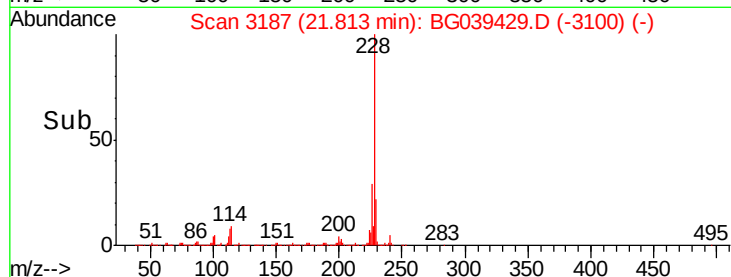
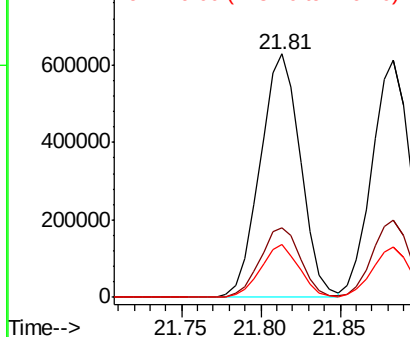


Abundance

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: 11.892 ng

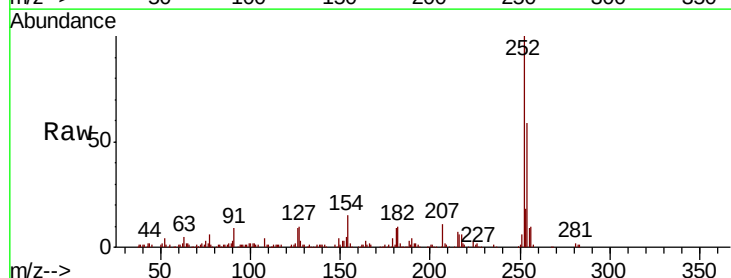
RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	252	Resp:	96195
Ion	Ratio	Lower	Upper
252	100		
254	59.3	51.3	76.9
126	9.0	8.0	12.0

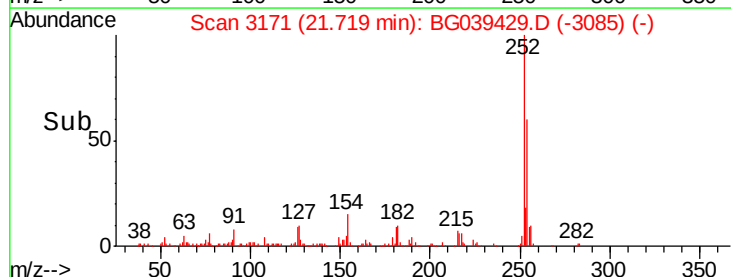
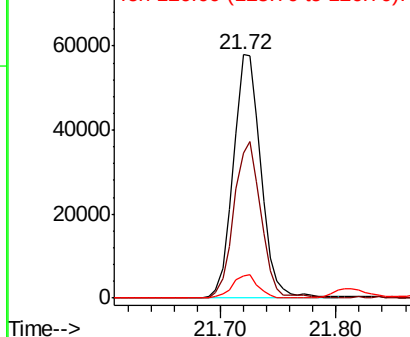


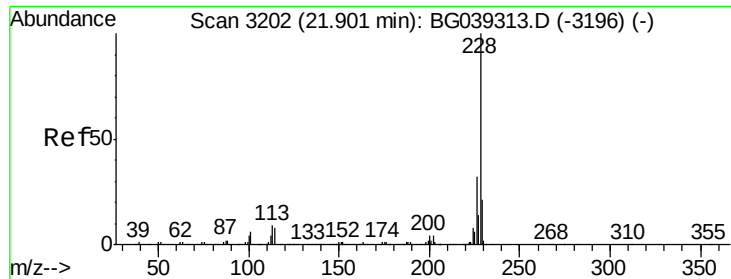
Abundance

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





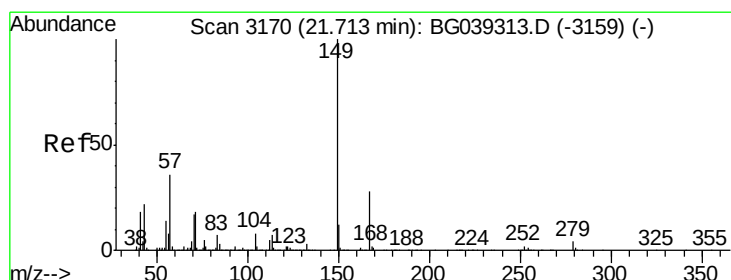
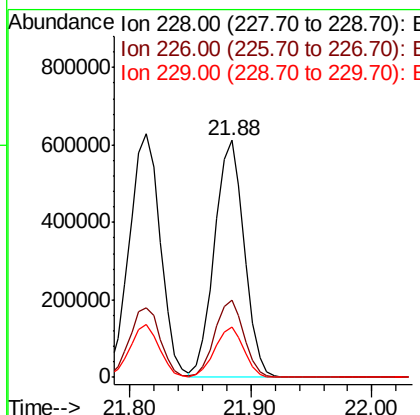
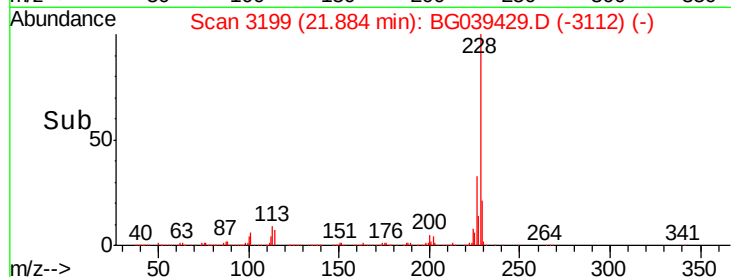
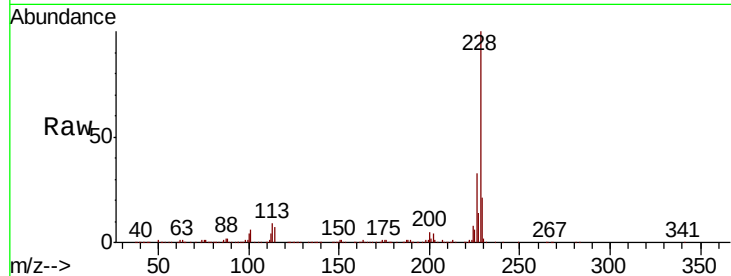
#83
 Chrysene
 Concen: 49.930 ng
 RT: 21.88 min Scan# 3199
 Delta R.T. -0.02 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-020719MSD

Tot Ion:228 Resp: 1036885
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.8 38.6
 229 21.4 16.6 25.0

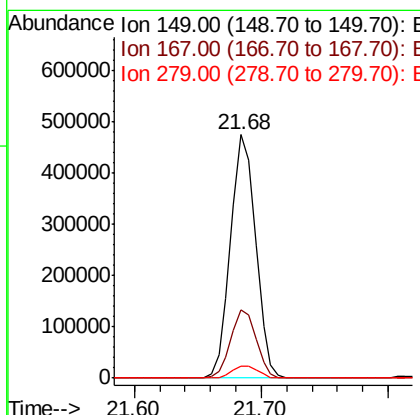
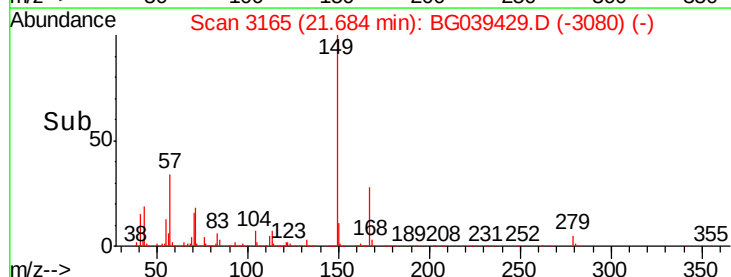
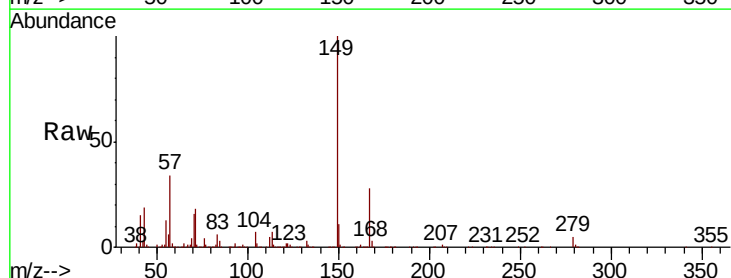
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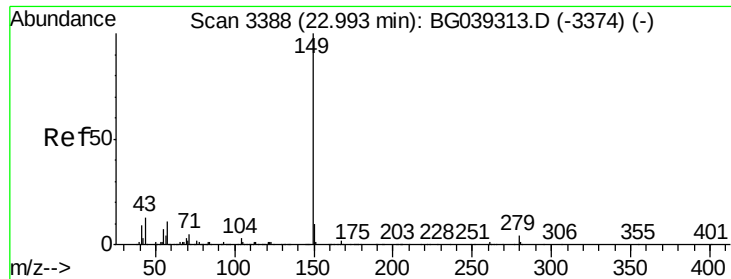
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.024 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.03 min
 Lab File: BG039429.D
 Acq: 8 Feb 2019 23:49

Tgt Ion:149 Resp: 650409
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 34.0
 279 5.1 3.5 5.3





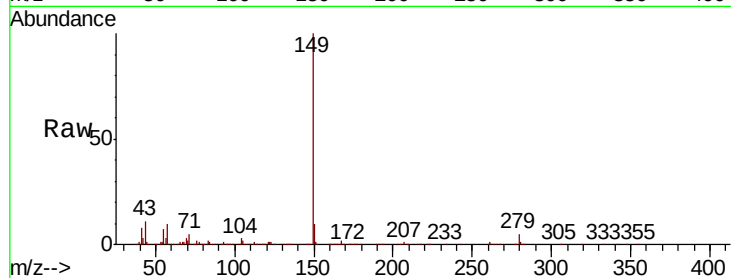
#85
Di-n-octyl phthalate
Concen: 48.534 ng
RT: 22.95 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.0	10.2	15.4

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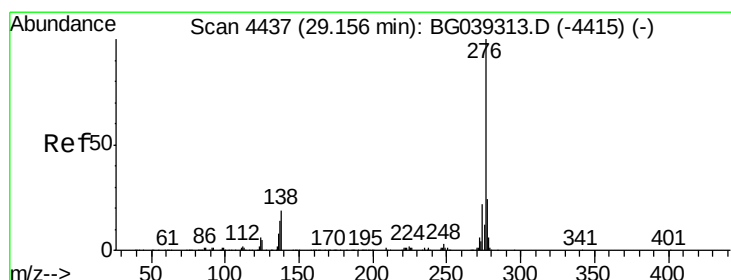
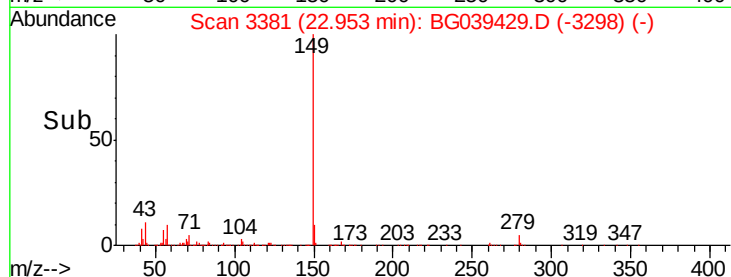
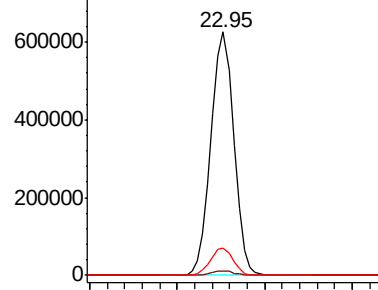


Abundance

Ion 149.00 (148.70 to 149.70): E

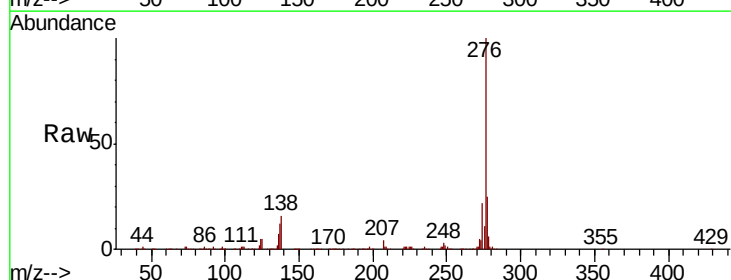
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.492 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	12.6	19.0#
277	25.9	20.8	31.2

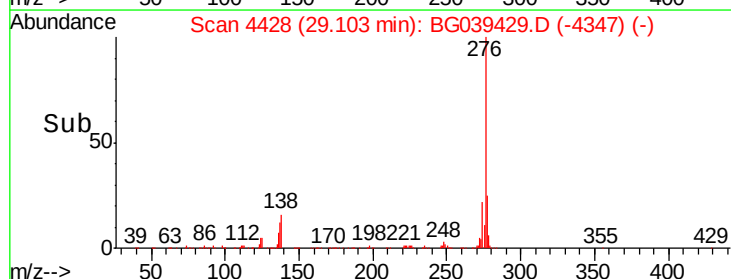
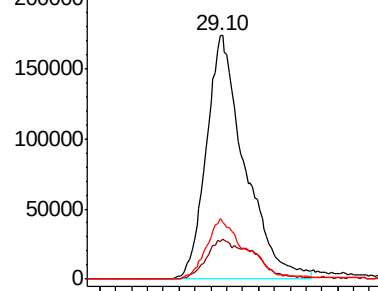


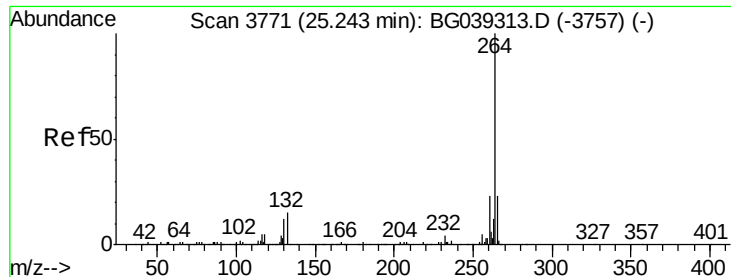
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Instrument :

BNA_G

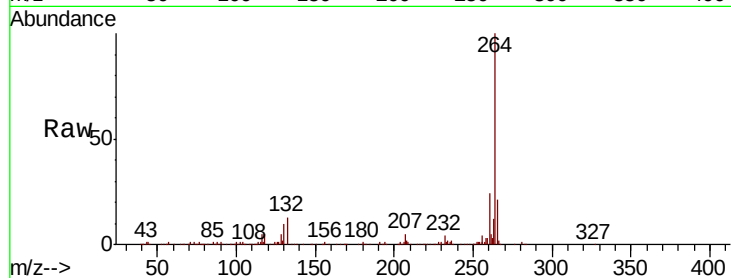
ClientSampleId :

OK-01-020719MSD

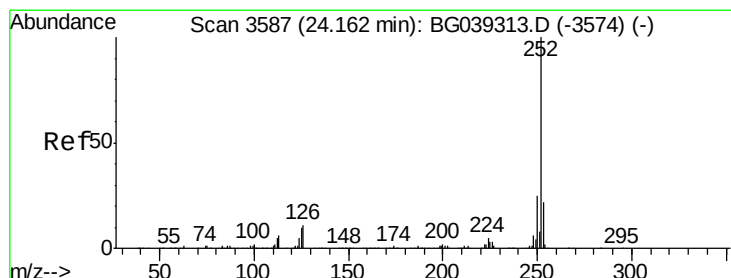
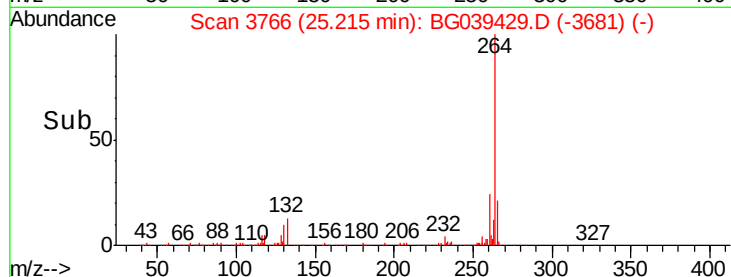
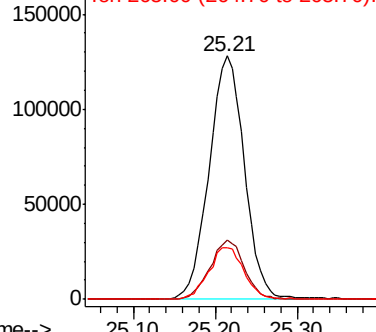
Tot Ion:	264	Resp:	383998
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.2	27.4
265	21.4	18.5	27.7

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 52.386 ng

RT: 24.13 min Scan# 3582

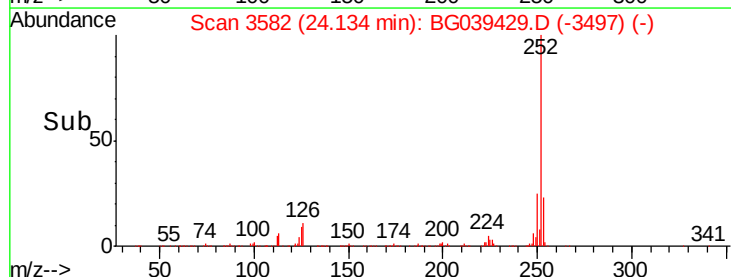
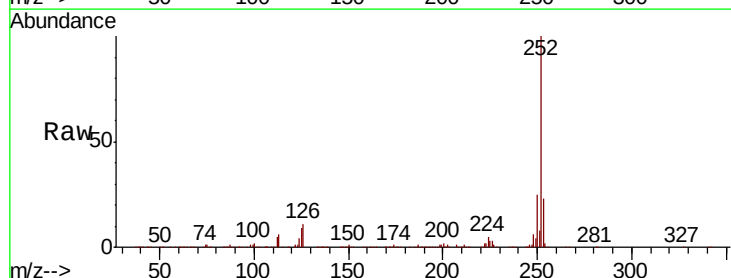
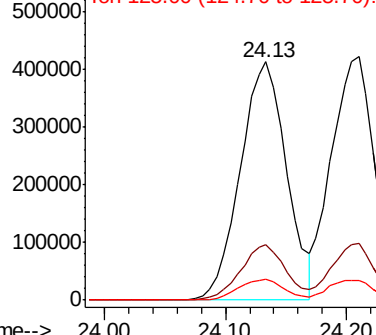
Delta R.T. -0.03 min

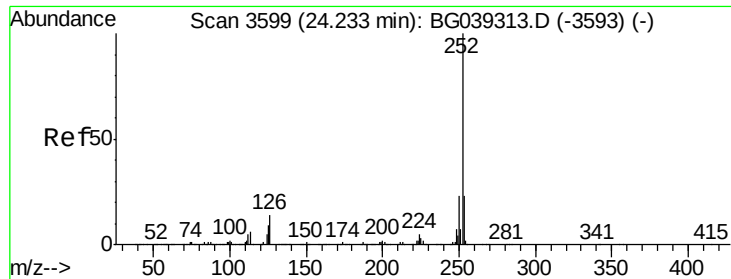
Lab File: BG039429.D

Acq: 8 Feb 2019 23:49

Tgt Ion:	252	Resp:	1097054
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.8	26.8
125	8.5	7.8	11.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





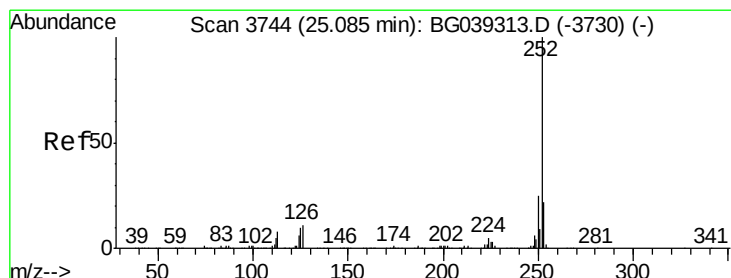
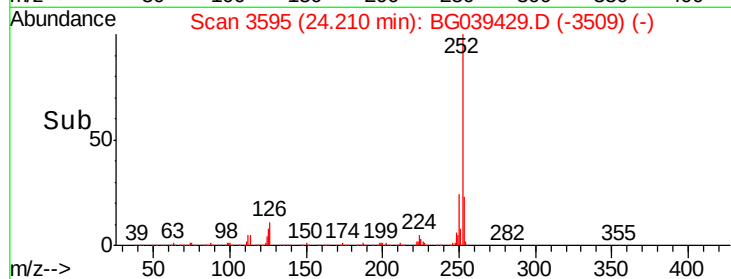
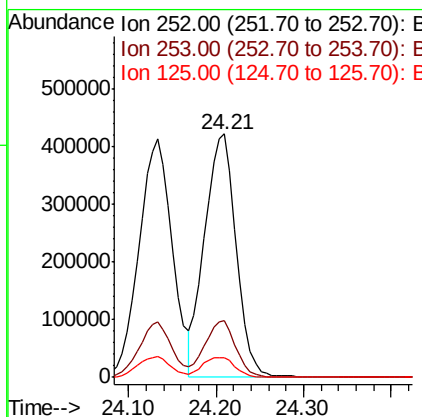
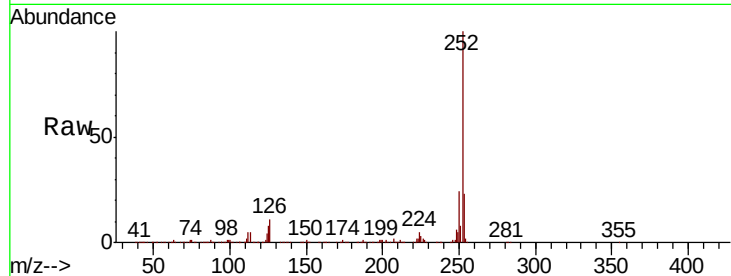
#89
Benzo(k)fluoranthene
Concen: 50.279 ng
RT: 24.21 min Scan# 3595
Delta R.T. -0.02 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.0	7.4	11.2

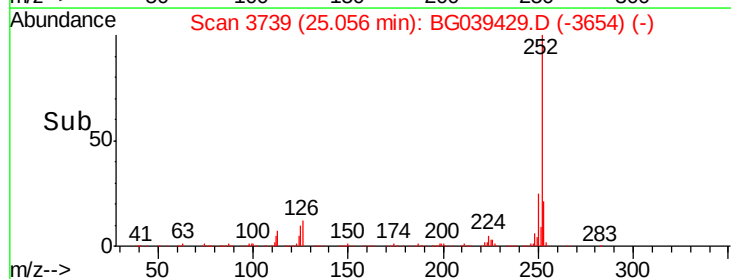
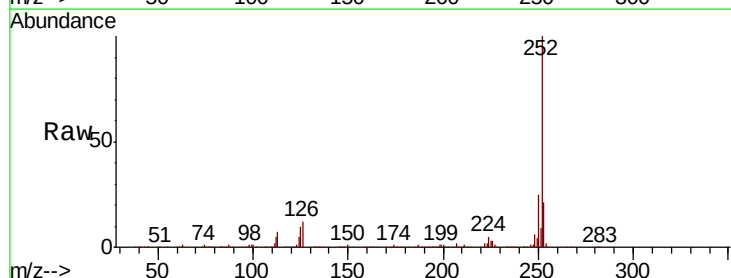
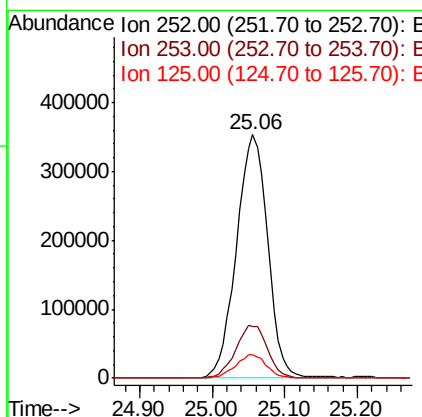
Manual Integrations
APPROVED

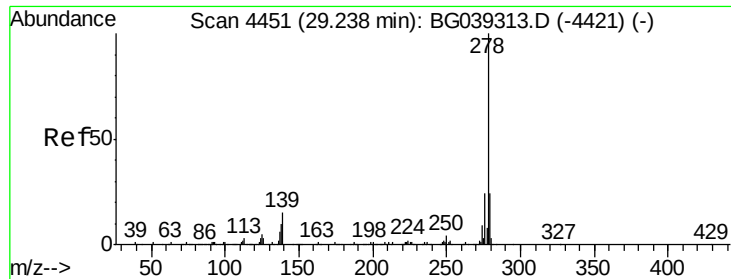
Sohil
2/11/2019 10:13:56 AM



#90
Benzo(a)pyrene
Concen: 52.505 ng
RT: 25.06 min Scan# 3739
Delta R.T. -0.03 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	9.7	8.3	12.5





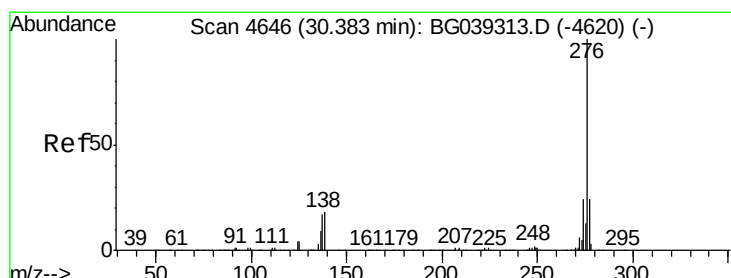
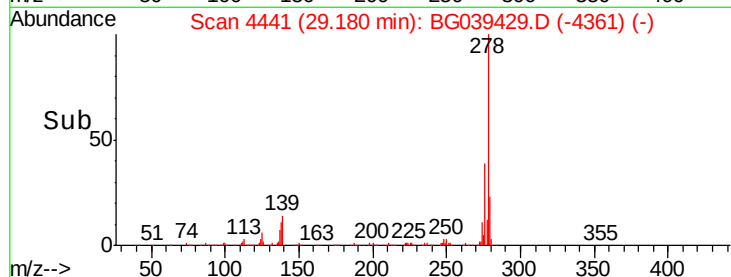
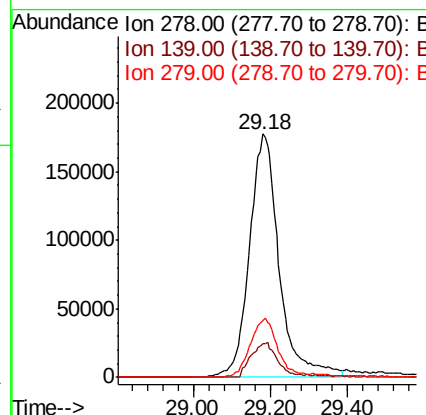
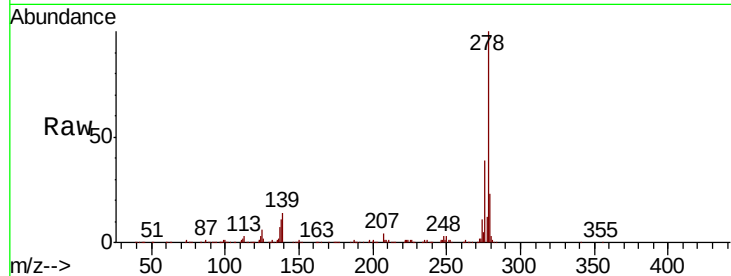
#91
Dibenzo(a,h)anthracene
Concen: 50.433 ng
RT: 29.18 min Scan# 4441
Delta R.T. -0.06 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Instrument :
BNA_G
ClientSampleId :
OK-01-020719MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.7	17.5
279	23.4	19.1	28.7

Manual Integrations
APPROVED

Sohil
2/11/2019 10:13:56 AM



#92
Benzo(g,h,i)perylene
Concen: 49.458 ng
RT: 30.34 min Scan# 4638
Delta R.T. -0.05 min
Lab File: BG039429.D
Acq: 8 Feb 2019 23:49

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	17.8	14.7	22.1

