

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043429.D
 Acq On : 31 Oct 2019 10:50
 Operator : JU
 Sample : PB124413BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BSD

Manual Integrations
 APPROVED

mohammad
 10/31/2019 2:52:20 PM

Quant Time: Oct 31 13:12:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33715	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138496	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	113304	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	265556	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	306372	20.00	ng	0.00
87) Perylene-d12	24.86	264	353644	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	237273	128.96	ng	0.00
7) Phenol-d6	7.21	99	323669	122.27	ng	0.00
23) Nitrobenzene-d5	9.18	82	159399	59.34	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	206731	95.88	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	441786	53.88	ng	0.00
79) Terphenyl-d14	20.00	244	880827	53.94	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	30182	42.095	ng	# 93
3) Pyridine	3.88	79	68474	37.859	ng	96
4) n-Nitrosodimethylamine	3.80	42	40798	44.703	ng	# 88
6) Aniline	7.35	93	98614	32.338	ng	98
8) 2-Chlorophenol	7.60	128	98296	48.397	ng	100
9) Benzaldehyde	7.16	77	53251	40.933	ng	91
10) Phenol	7.23	94	115678	47.821	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	75632	40.440	ng	96
12) 1,3-Dichlorobenzene	7.91	146	105810	41.581	ng	93
13) 1,4-Dichlorobenzene	8.06	146	107977	41.939	ng	97
14) 1,2-Dichlorobenzene	8.38	146	100208	39.863	ng	97
15) Benzyl Alcohol	8.27	79	82736	44.503	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	108830	40.020	ng	97
17) 2-Methylphenol	8.48	107	81235	46.067	ng	95
18) Hexachloroethane	9.10	117	37014	39.847	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	70330	41.115	ng	97
20) 3+4-Methylphenols	8.81	107	108120	44.713	ng	89
22) Acetophenone	8.84	105	134825	38.014	ng	98
24) Nitrobenzene	9.22	77	106930	41.784	ng	98
25) Isophorone	9.75	82	192377	39.169	ng	98
26) 2-Nitrophenol	9.94	139	53252	43.102	ng	95
27) 2,4-Dimethylphenol	10.01	122	89384	50.477	ng	100
28) bis(2-Chloroethoxy)methane	10.23	93	106664	39.349	ng	95
29) 2,4-Dichlorophenol	10.49	162	97238	42.858	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	109292	38.219	ng	97
31) Naphthalene	10.88	128	290962	41.389	ng	98
32) Benzoic acid	10.17	122	43780	35.324	ng	97
33) 4-Chloroaniline	10.99	127	60317	20.931	ng	94
34) Hexachlorobutadiene	11.16	225	80978	38.308	ng	93
35) Caprolactam	11.75	113	31196m	39.923	ng	
36) 4-Chloro-3-methylphenol	12.13	107	104312	42.149	ng	97
37) 2-Methylnaphthalene	12.48	142	224143	41.554	ng	98
38) 1-Methylnaphthalene	12.70	142	212101	41.327	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	144211	34.391	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	170123	77.233	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	92002	37.256	nq	98
44) 2,4,5-Trichlorophenol	13.17	196	102508	41.060	nq	97
46) 1,1'-Biphenyl	13.48	154	301334	34.959	nq	98
47) 2-Chloronaphthalene	13.53	162	232036	35.380	nq	97
48) 2-Nitroaniline	13.74	65	67582	34.478	nq	97
49) Acenaphthylene	14.37	152	382772	37.500	nq	97
50) Dimethylphthalate	14.10	163	309330	35.247	nq	98
51) 2,6-Dinitrotoluene	14.22	165	69334	36.365	nq	93
52) Acenaphthene	14.71	154	221723	35.620	nq	94
53) 3-Nitroaniline	14.56	138	44531	24.191	nq	96
54) 2,4-Dinitrophenol	14.77	184	68341	59.459	nq	92
55) Dibenzofuran	15.05	168	365545	36.213	nq	99
56) 4-Nitrophenol	14.89	139	101906	82.610	nq	95
57) 2,4-Dinitrotoluene	15.01	165	99770	36.616	nq	94
58) Fluorene	15.69	166	311878	36.838	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	101247	38.171	nq	# 98
60) Diethylphthalate	15.46	149	304922	34.579	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	174030	35.236	nq	98
62) 4-Nitroaniline	15.72	138	63770	33.544	nq	92
63) Azobenzene	15.98	77	260998	36.571	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	58564	37.474	nq	95
66) n-Nitrosodiphenylamine	15.90	169	278164	37.102	nq	97
67) 4-Bromophenyl-phenylether	16.58	248	124657	34.881	nq	98
68) Hexachlorobenzene	16.70	284	140881	34.342	nq	99
69) Atrazine	16.85	200	119052	45.699	nq	94
70) Pentachlorophenol	17.05	266	154429	82.616	nq	98
71) Phenanthrene	17.44	178	495860	36.464	nq	100
72) Anthracene	17.53	178	520566	38.261	nq	97
73) Carbazole	17.80	167	460013	37.336	nq	98
74) Di-n-butylphthalate	18.35	149	537109	35.928	nq	98
75) Fluoranthene	19.45	202	652545	36.808	nq	100
77) Benzidine	19.63	184	241838	39.222	nq	100
78) Pyrene	19.81	202	666539	35.147	nq	99
80) Butylbenzylphthalate	20.69	149	249626	34.744	nq	98
81) Benzo(a)anthracene	21.64	228	689388	35.923	nq	98
82) 3,3'-Dichlorobenzidine	21.56	252	196578	26.483	nq	99
83) Chrysene	21.71	228	676242	35.465	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	364424	35.707	nq	99
85) Di-n-octyl phthalate	22.74	149	630792	36.430	nq	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	871484	36.411	nq	# 96
88) Benzo(b)fluoranthene	23.84	252	728829	36.388	nq	97
89) Benzo(k)fluoranthene	23.91	252	728187	36.114	nq	99
90) Benzo(a)pyrene	24.71	252	676750	35.383	nq	100
91) Dibenzo(a,h)anthracene	28.56	278	741257	37.890	nq	100
92) Benzo(g,h,i)perylene	29.64	276	734863	38.081	nq	98

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

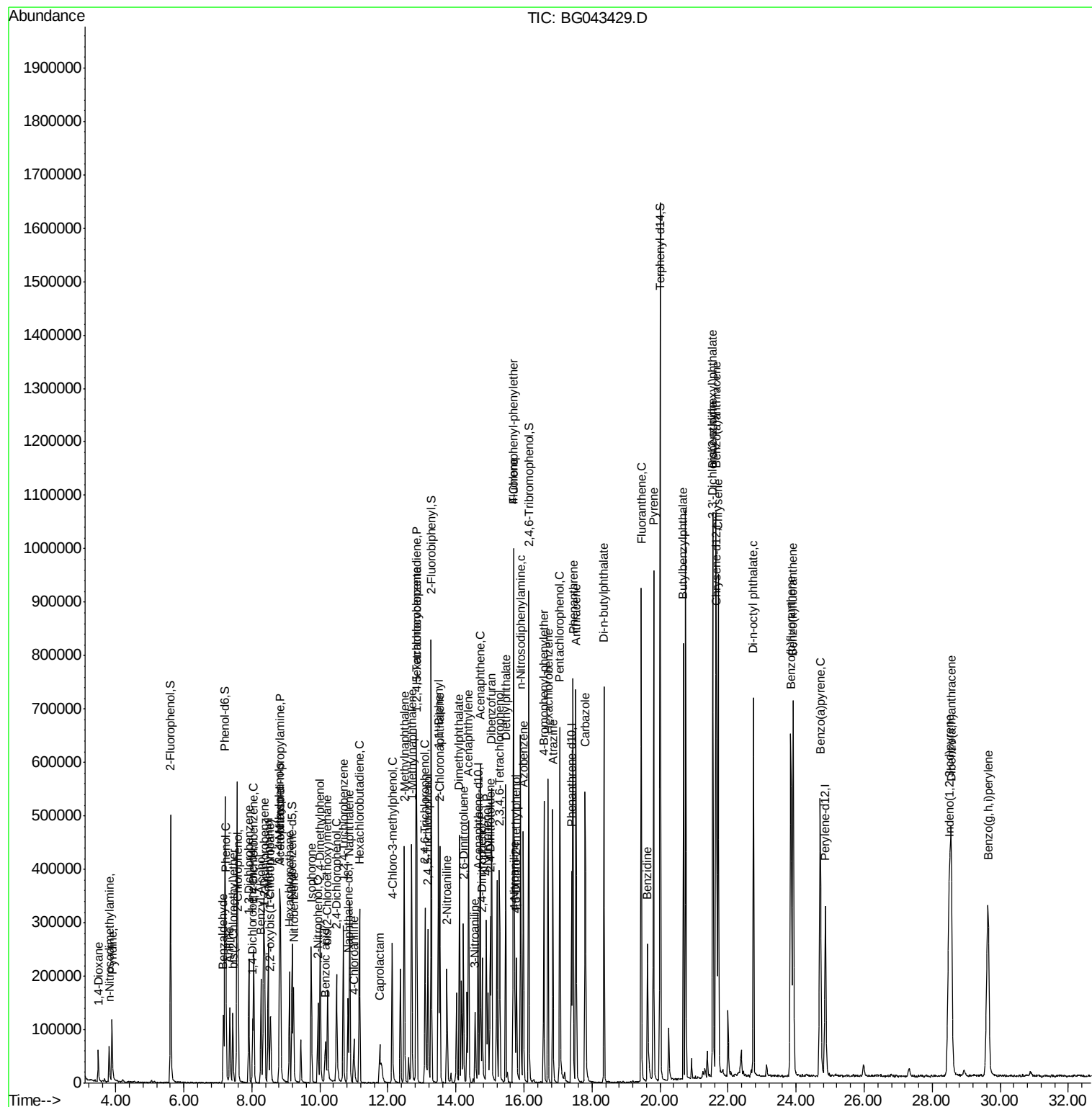
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

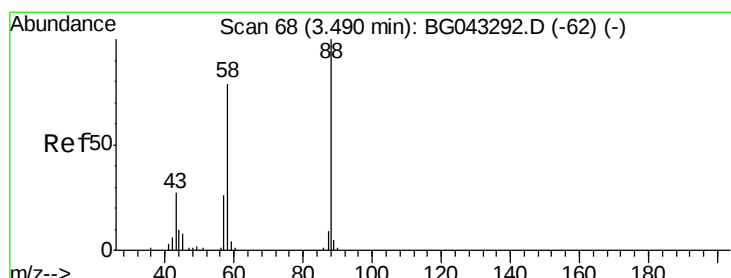
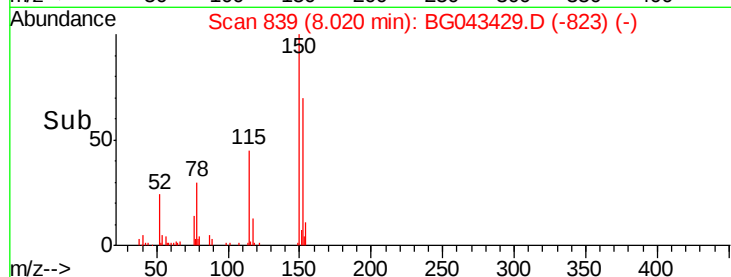
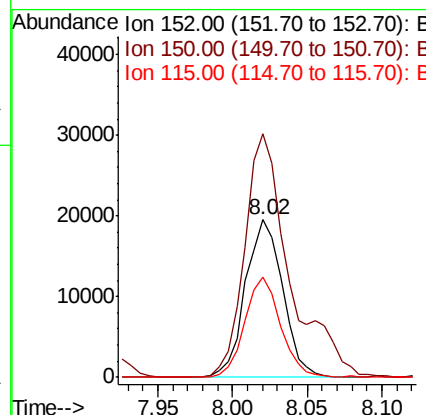
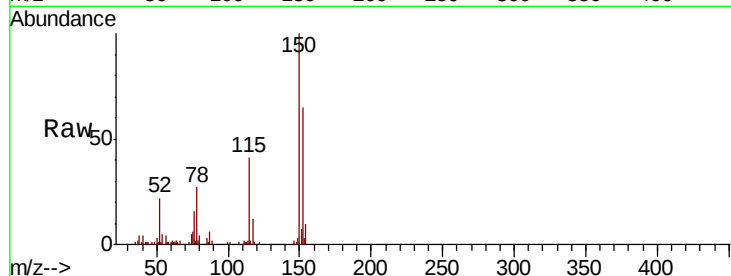
ClientSampleId :

PB124413BSD

Tot Ion:	152	Resp:	33715
Ion	Ratio	Lower	Upper
152	100		
150	154.3	113.6	170.4
115	63.9	45.9	68.9

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#2

1,4-Dioxane

Concen: 42.095 ng

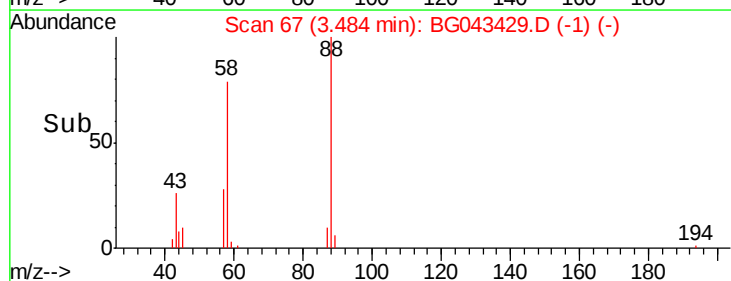
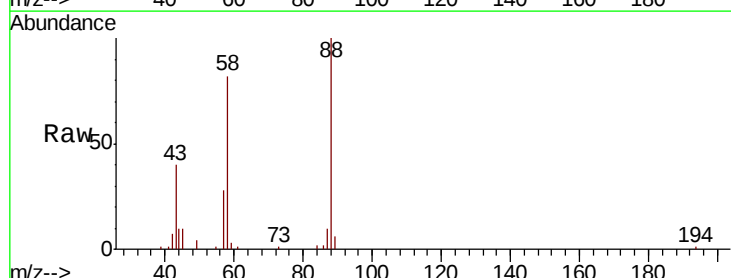
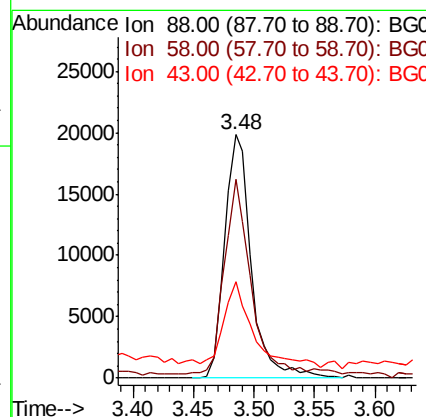
RT: 3.48 min Scan# 67

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	88	Resp:	30182
Ion	Ratio	Lower	Upper
88	100		
58	77.4	60.2	90.2
43	38.9	22.7	34.1#





#3

Pvridine

Concen: 37.859 ng

RT: 3.88 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

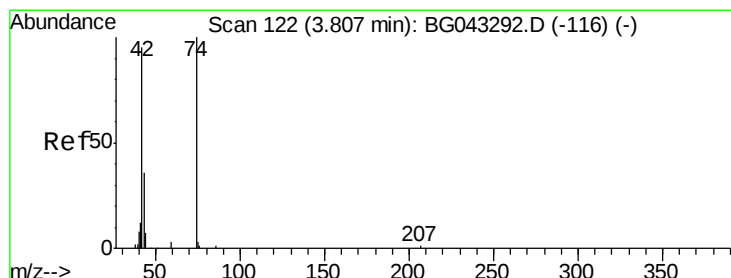
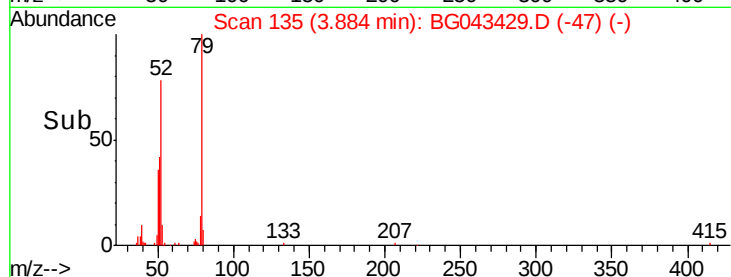
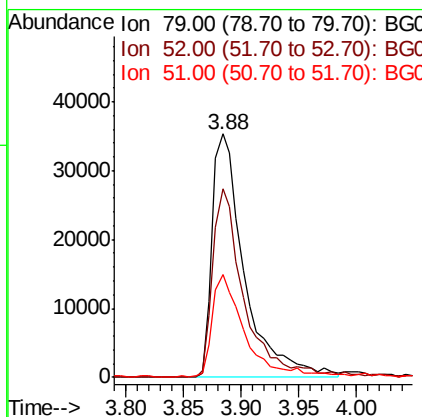
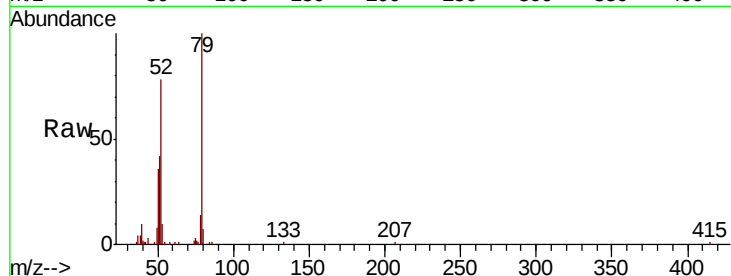
ClientSampleId :

PB124413BSD

Tot Ion:	79	Resp:	68474
Ion	Ratio	Lower	Upper
79	100		
52	77.6	59.7	89.5
51	42.2	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 44.703 ng

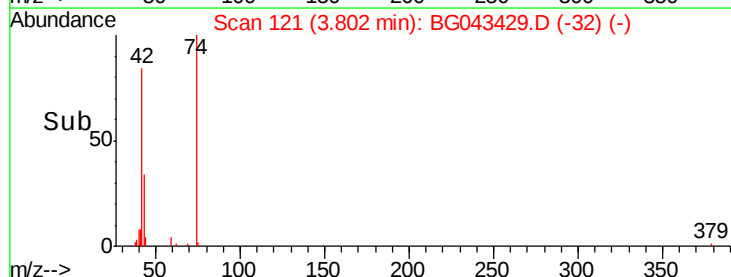
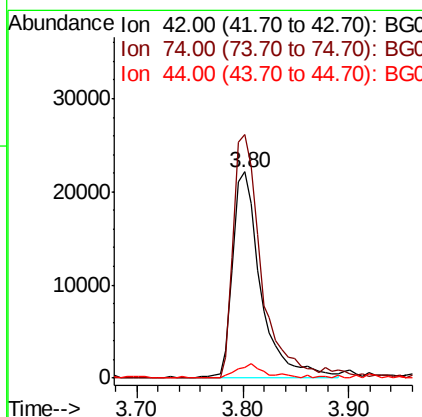
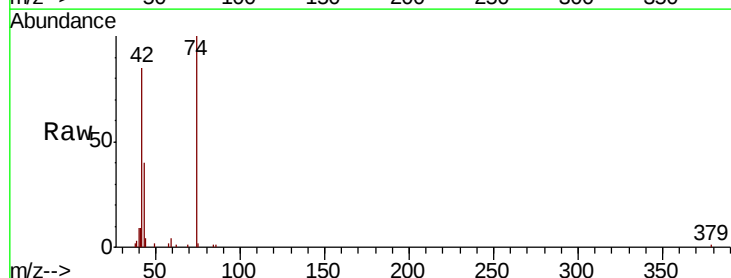
RT: 3.80 min Scan# 121

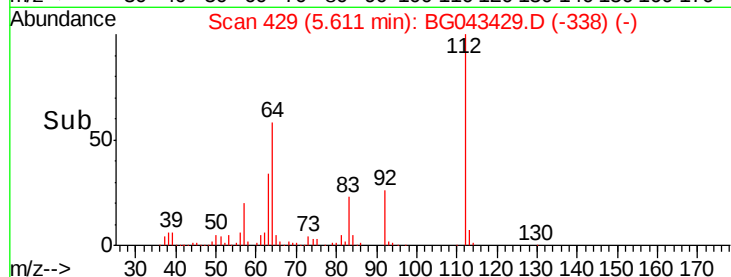
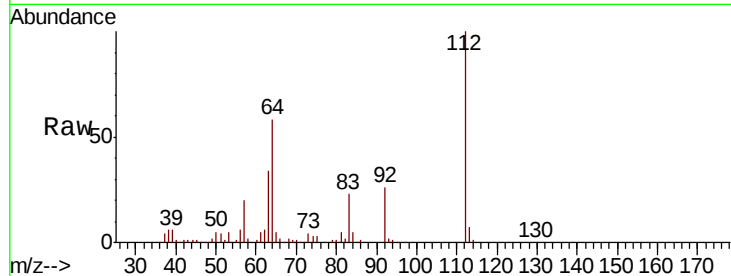
Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	42	Resp:	40798
Ion	Ratio	Lower	Upper
42	100		
74	118.2	84.2	126.2
44	5.2	6.0	9.0#





#5

2-Fluorophenol

Concen: 128.960 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tot Ion:	112	Resp:	237273
Ion Ratio	Lower	Upper	
112	100		
64	57.8	50.2	75.2
63	33.6	26.7	40.1

Instrument :

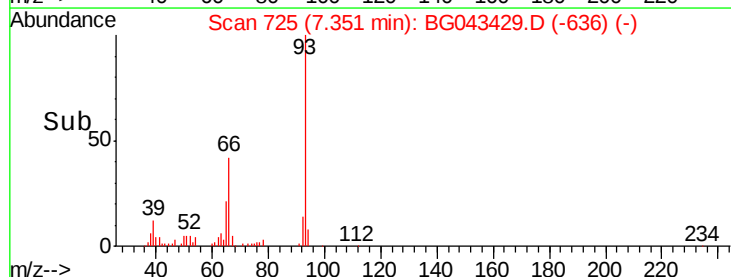
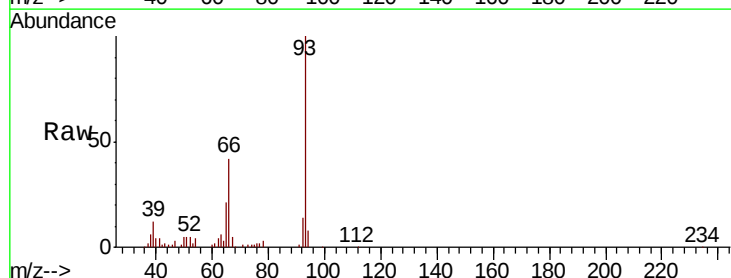
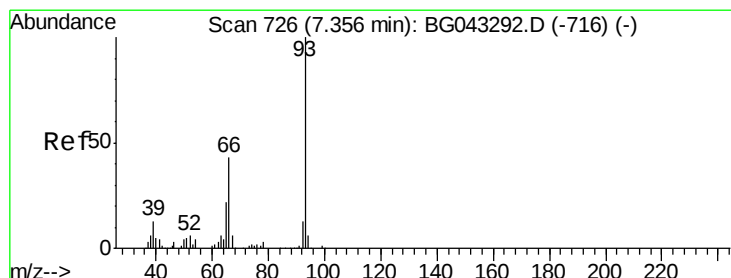
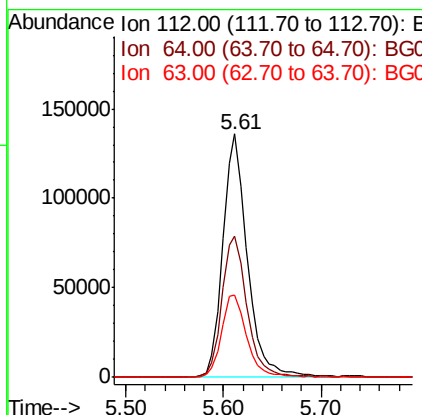
BNA_G

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#6

Aniline

Concen: 32.338 ng

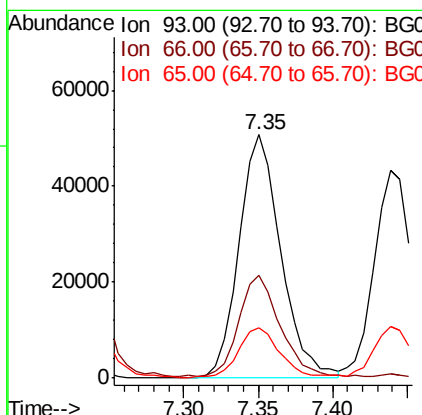
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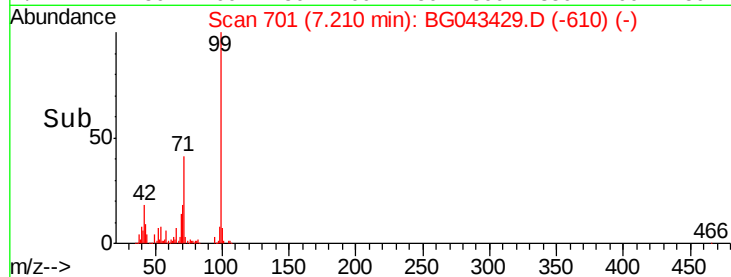
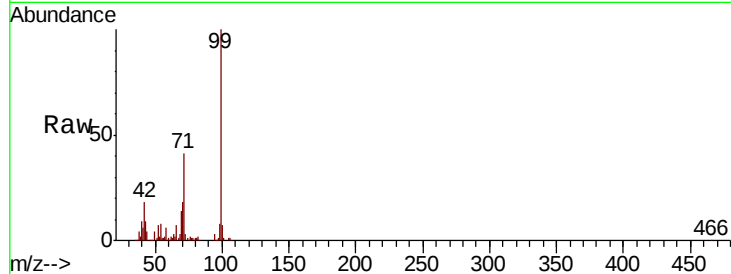
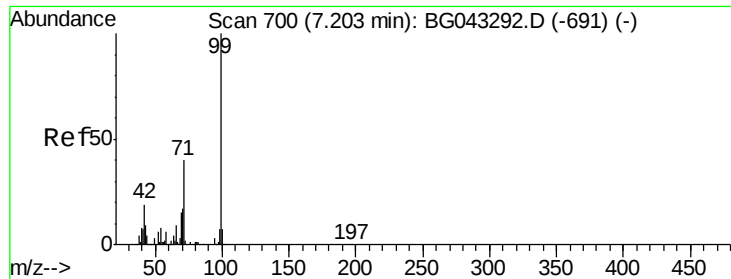
Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	93	Resp:	98614
Ion Ratio	Lower	Upper	
93	100		
66	42.3	34.5	51.7
65	20.5	18.0	27.0





#7

Phenol-d6

Concen: 122.270 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		323669		
42	18.2	14.9	22.3		
71	40.8	32.2	48.2		

Instrument :

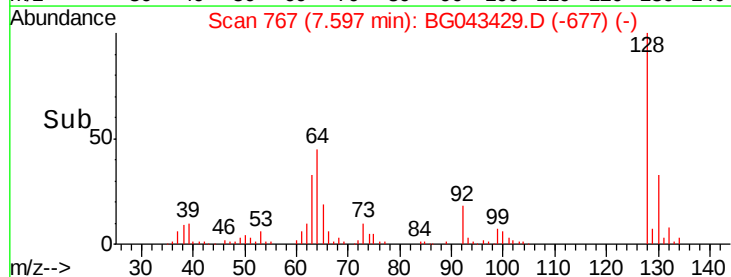
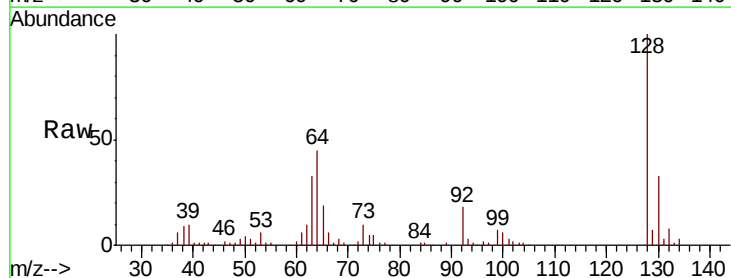
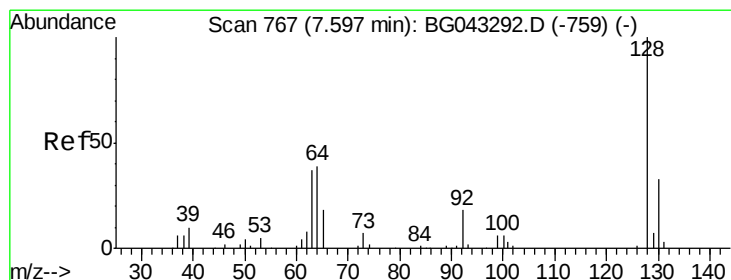
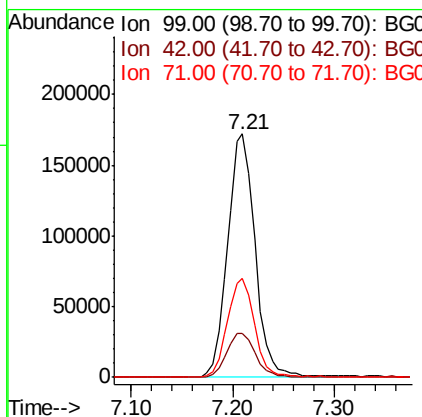
BNA_G

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#8

2-Chlorophenol

Concen: 48.397 ng

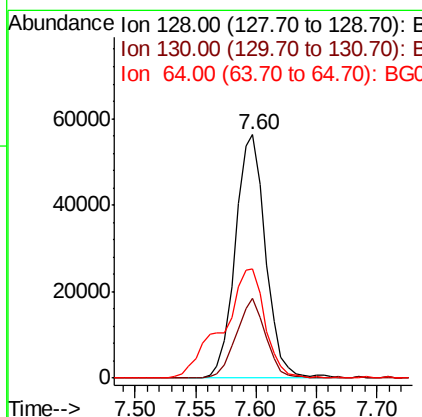
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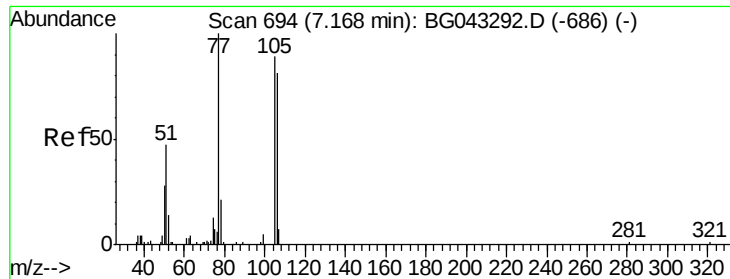
Delta R.T. 0.00 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		98296		
130	32.8	12.9	52.9		
64	44.8	24.9	64.9		





#9

Benzaldehyde

Concen: 40.933 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

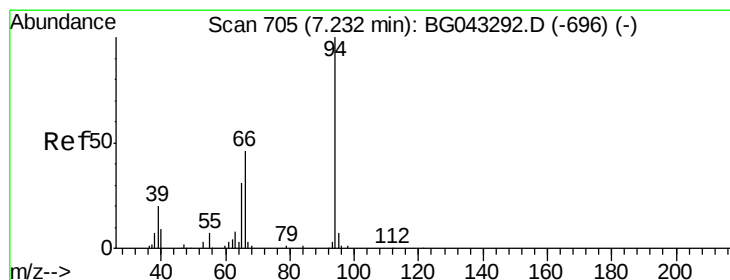
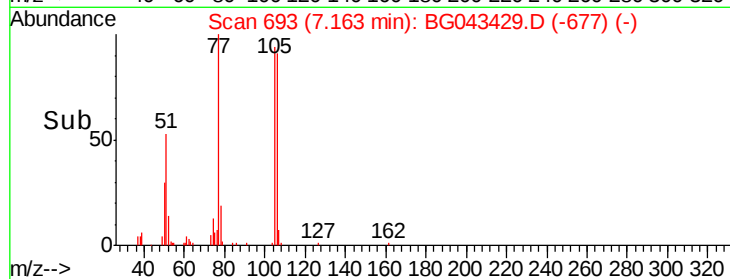
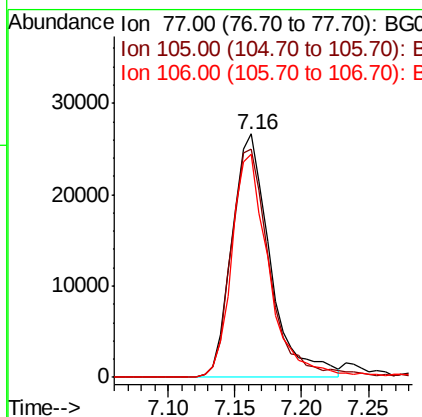
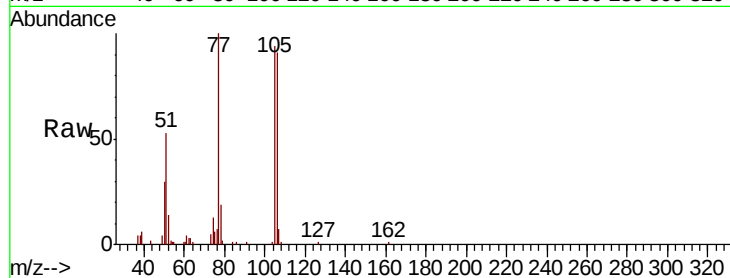
ClientSampleId :

PB124413BSD

Tot Ion:	77	Resp:	53251
Ion	Ratio	Lower	Upper
77	100		
105	93.8	68.7	108.7
106	91.4	60.5	100.5

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#10

Phenol

Concen: 47.821 ng

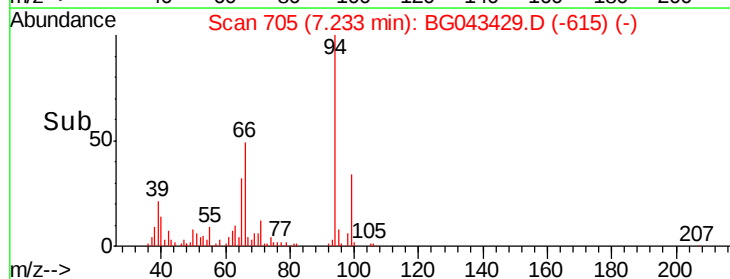
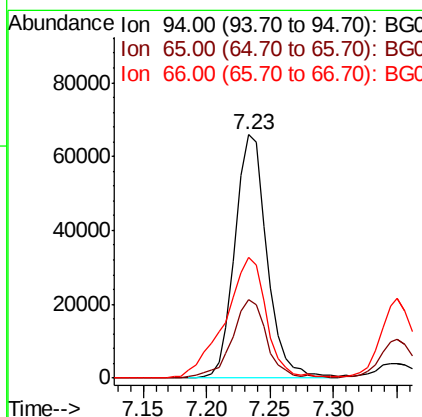
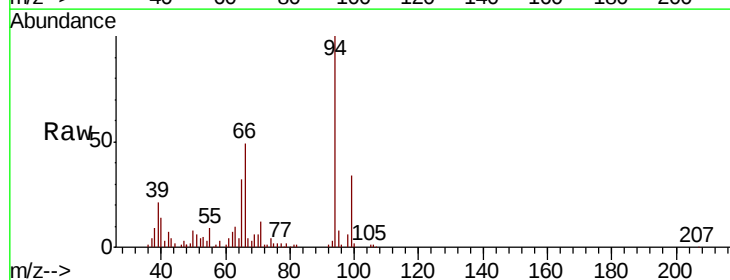
RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	94	Resp:	115678
Ion	Ratio	Lower	Upper
94	100		
65	32.2	11.1	51.1
66	49.4	27.8	67.8





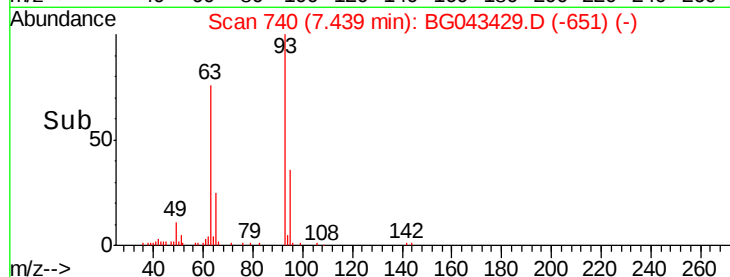
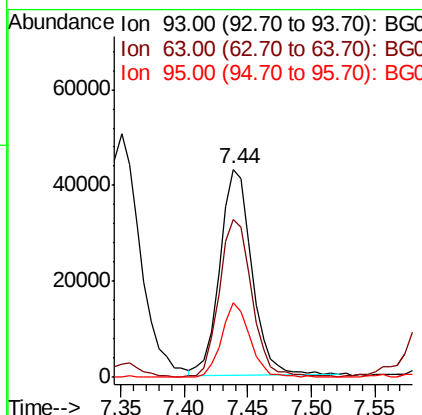
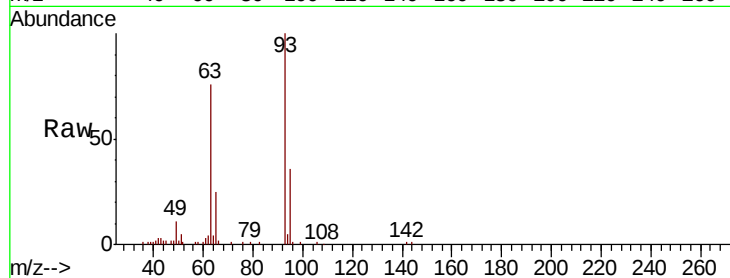
#11
bis(2-Chloroethyl)ether
Concen: 40.440 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.6	94.6
95	36.1	9.7	49.7

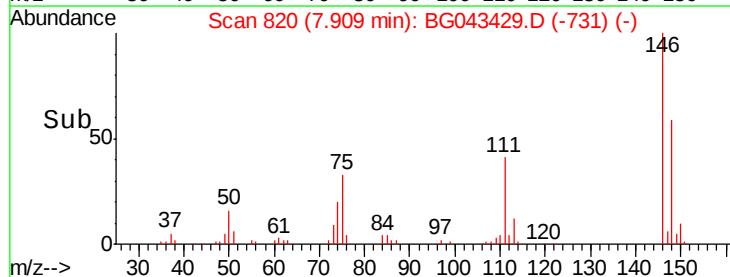
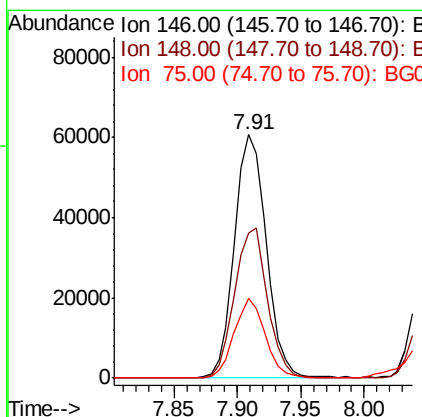
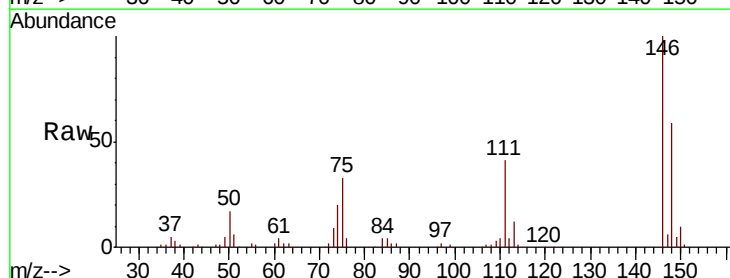
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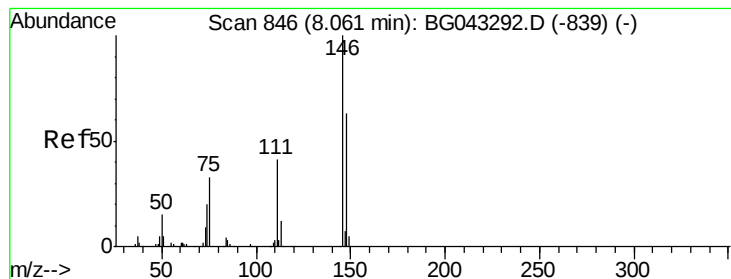
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.581 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.4	53.4	80.2
75	33.0	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 41.939 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

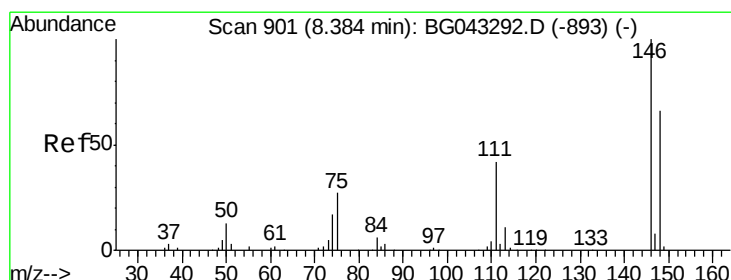
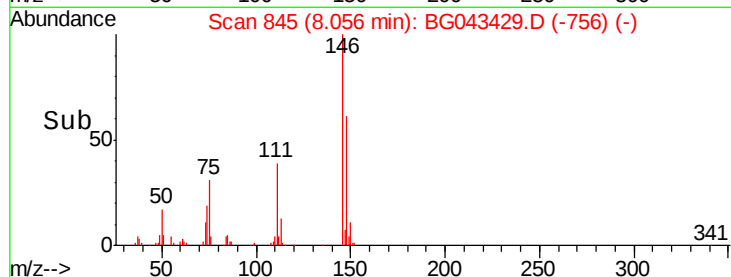
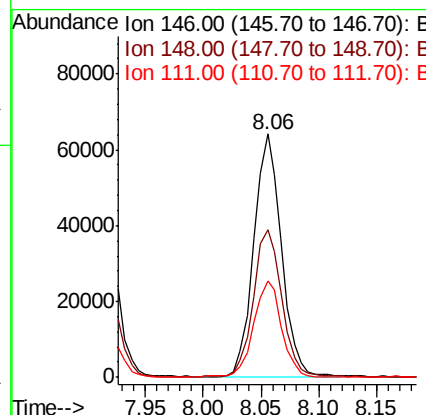
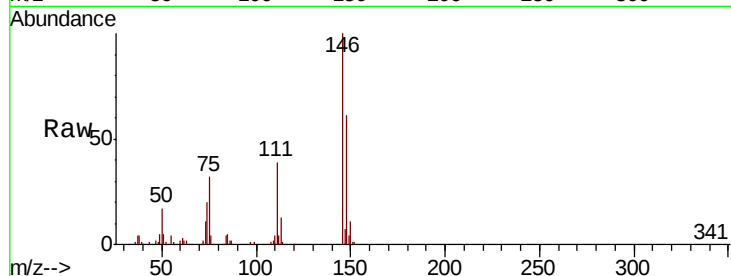
ClientSampleId :

PB124413BSD

Tot Ion:	146	Resp:	107977
Ion Ratio	Lower	Upper	
146	100		
148	60.9	50.7	76.1
111	39.5	33.0	49.6

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#14

1,2-Dichlorobenzene

Concen: 39.863 ng

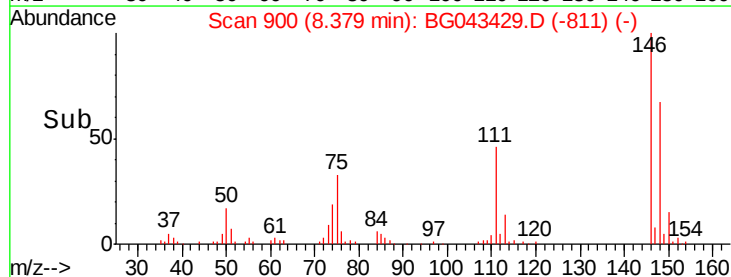
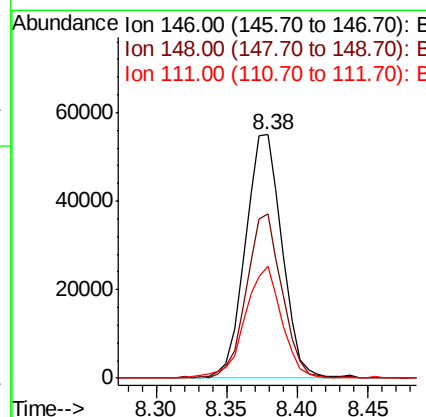
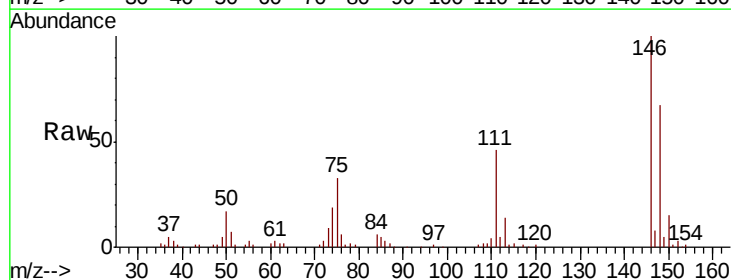
RT: 8.38 min Scan# 900

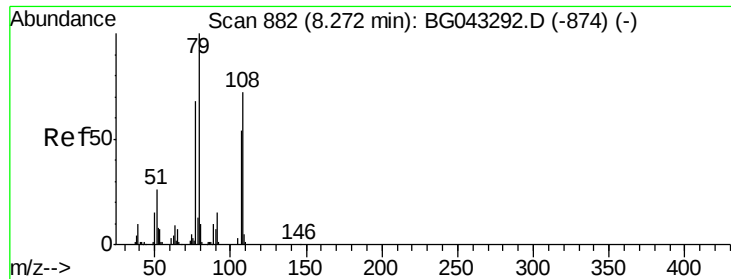
Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	146	Resp:	100208
Ion Ratio	Lower	Upper	
146	100		
148	67.2	53.0	79.4
111	45.9	34.5	51.7





#15

Benzyl Alcohol

Concen: 44.503 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

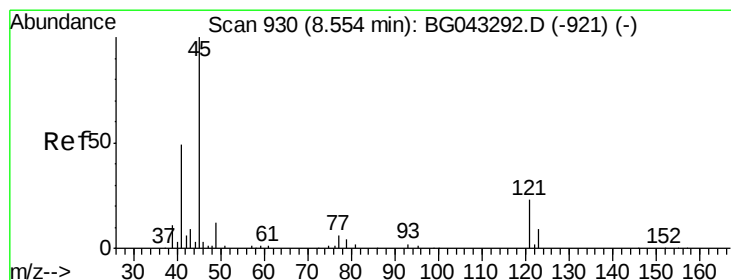
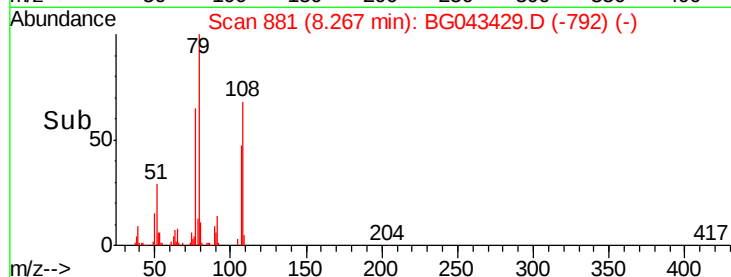
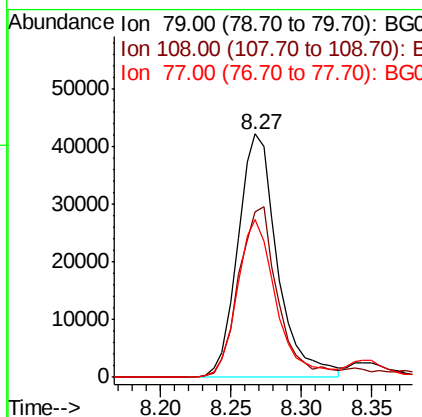
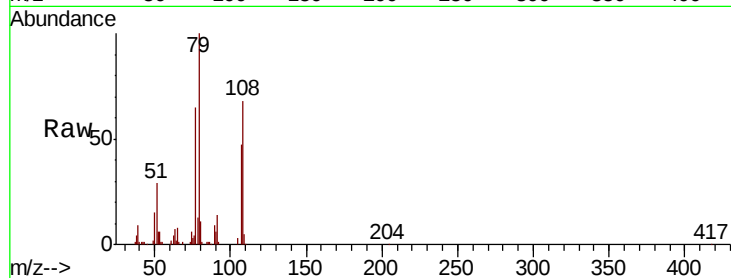
ClientSampleId :

PB124413BSD

Tot Ion:	79	Resp:	82736
Ion Ratio	Lower	Upper	
79	100		
108	68.2	57.3	85.9
77	64.7	54.6	81.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.020 ng

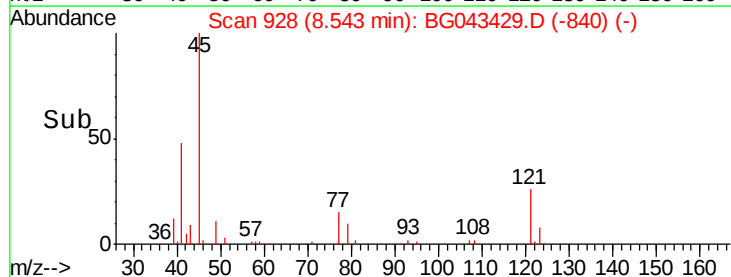
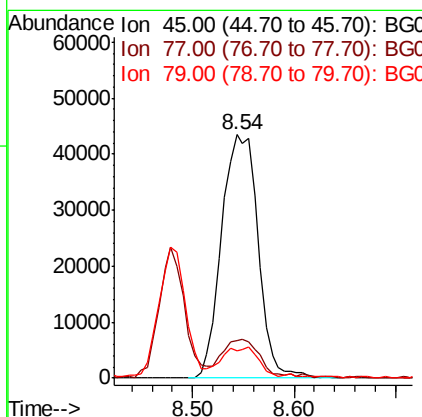
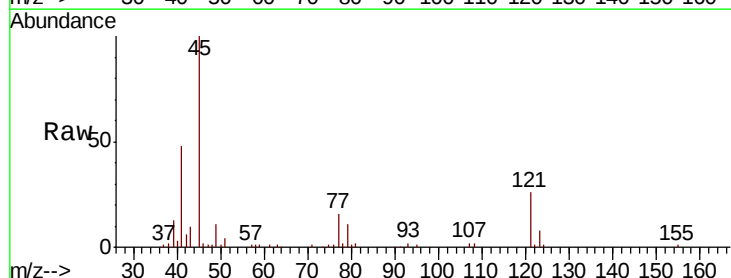
RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	45	Resp:	108830
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	34.2
79	11.1	0.0	32.3





#17

2-Methylphenol

Concen: 46.067 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.00 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

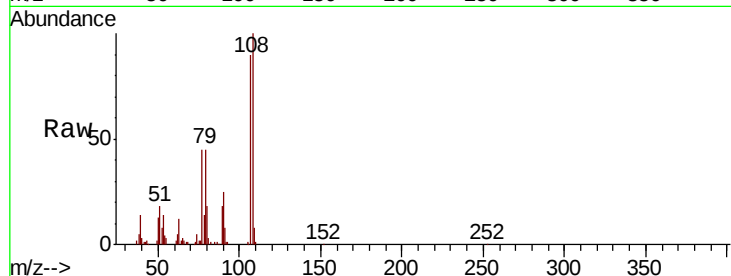
ClientSampleId :

PB124413BSD

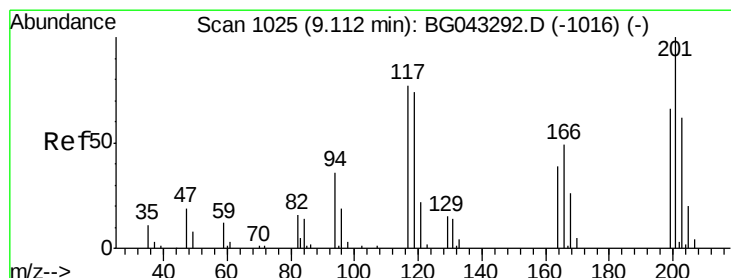
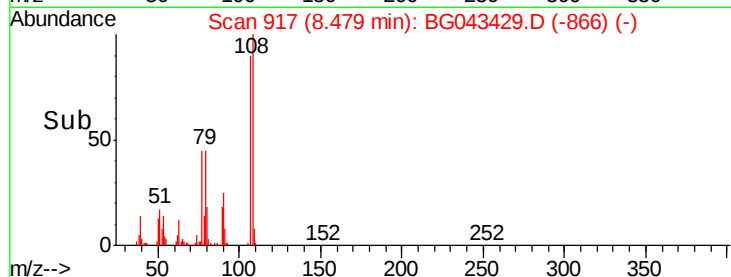
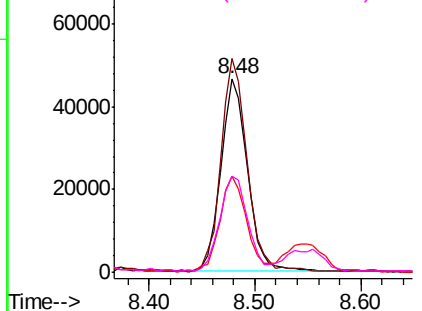
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	91.3	136.9	
77	50.0	43.0	64.6	
79	49.9	43.4	65.2	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.847 ng

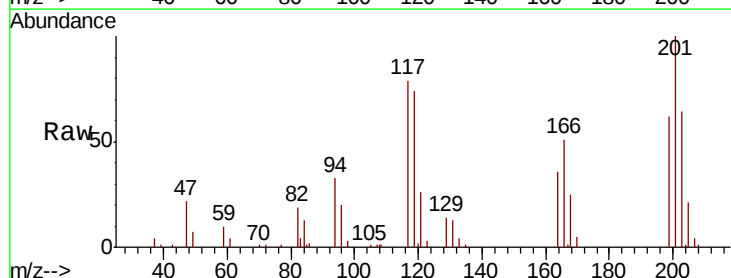
RT: 9.10 min Scan# 1023

Delta R.T. -0.01 min

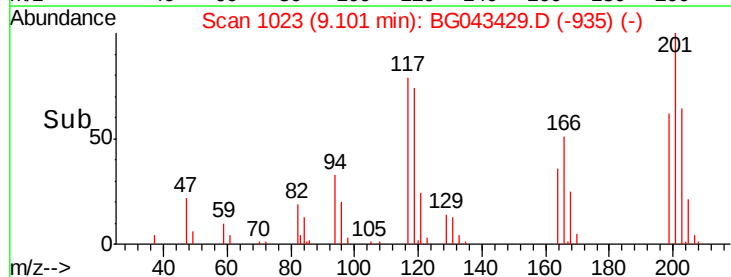
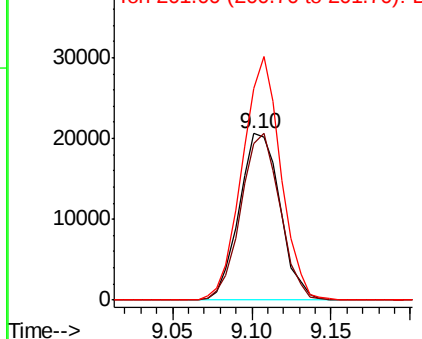
Lab File: BG043429.D

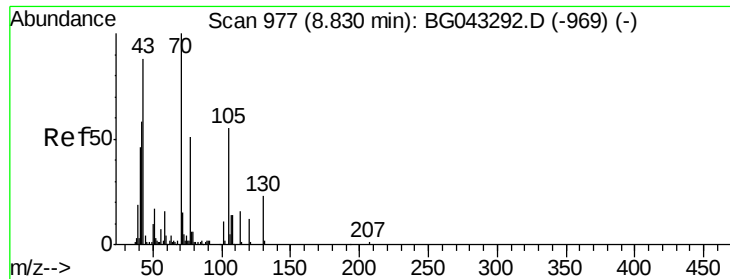
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	77.3	115.9	
201	127.0	104.2	156.4	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





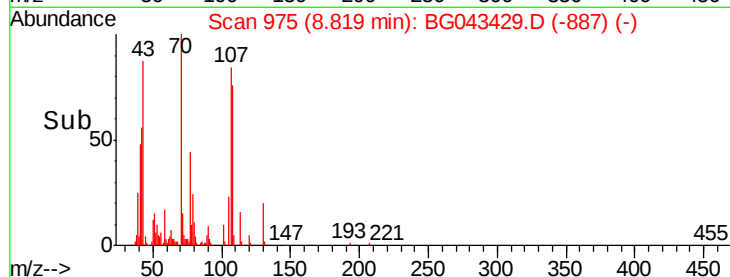
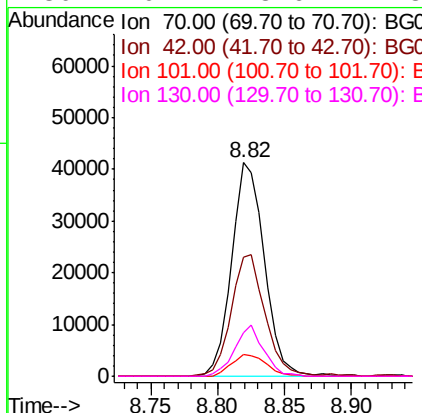
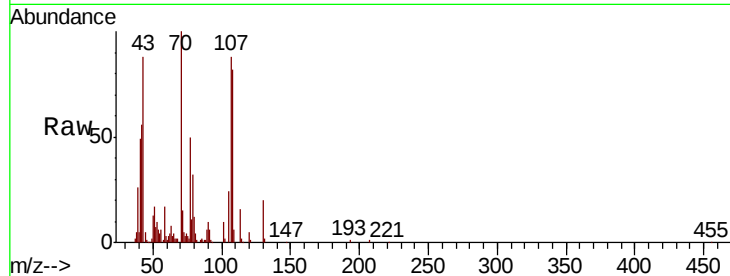
#19
n-Nitroso-di-n-propylamine
Concen: 41.115 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.9	46.2	69.2	
101	10.4	8.6	13.0	
130	20.1	18.6	27.8	

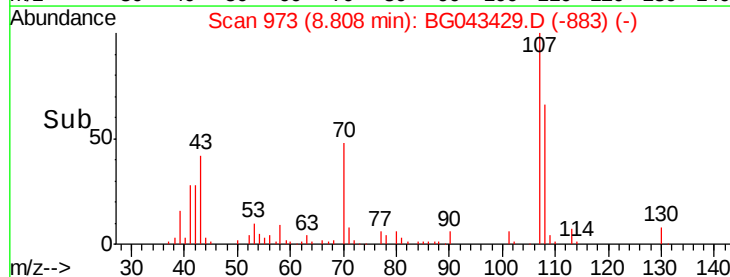
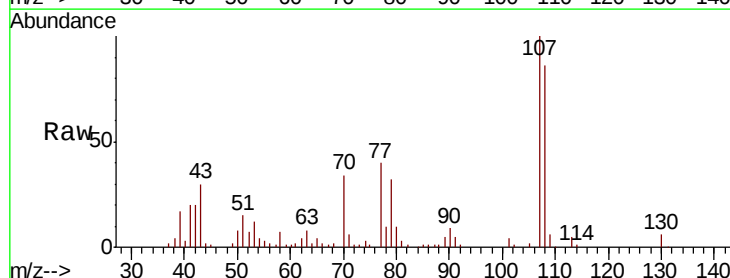
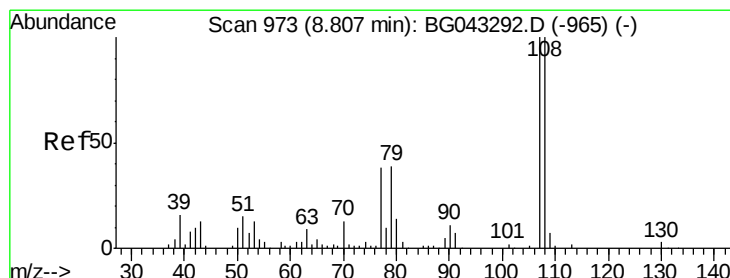
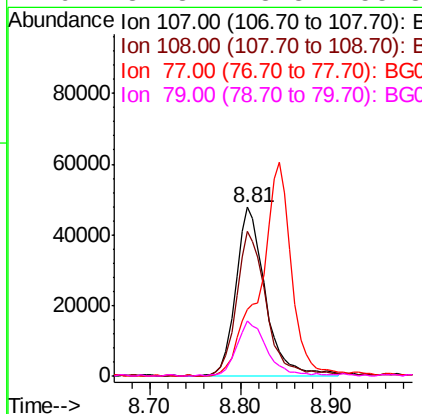
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#20
3+4-Methylphenols
Concen: 44.713 ng
RT: 8.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.0	80.3	120.3	
77	39.8	18.2	58.2	
79	32.3	18.8	58.8	





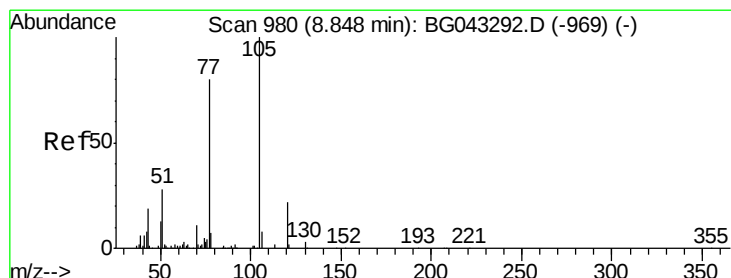
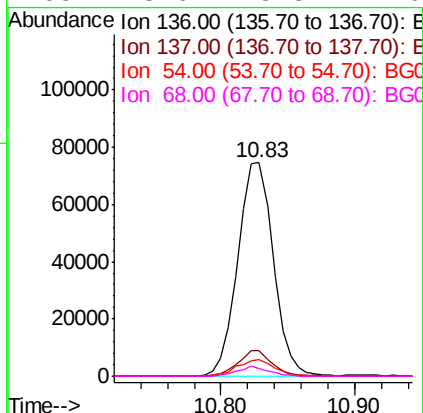
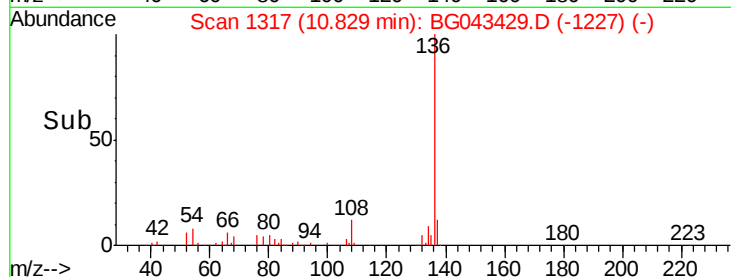
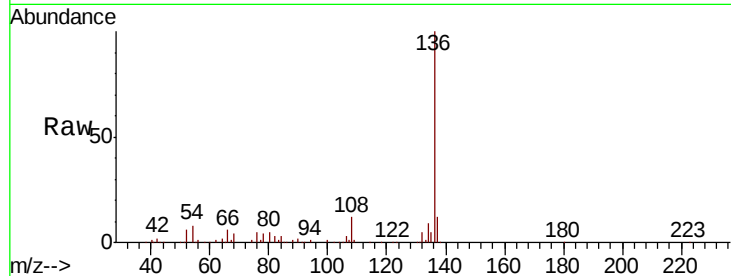
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	138496		
137	12.3	8.2	12.2#	
54	8.1	5.4	8.2	
68	3.6	3.3	4.9	

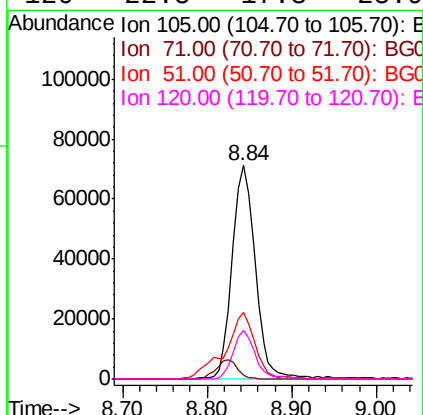
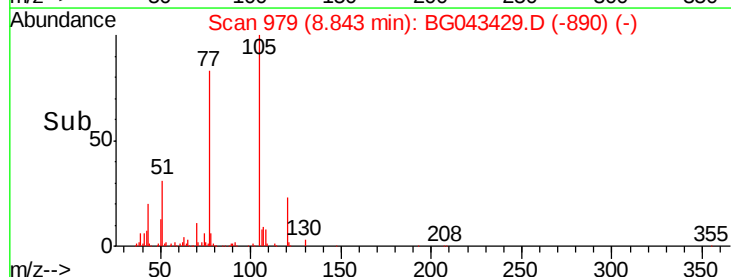
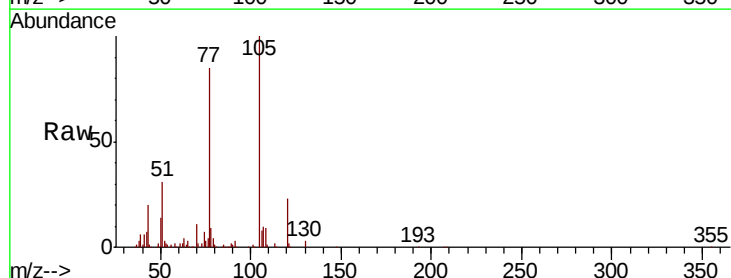
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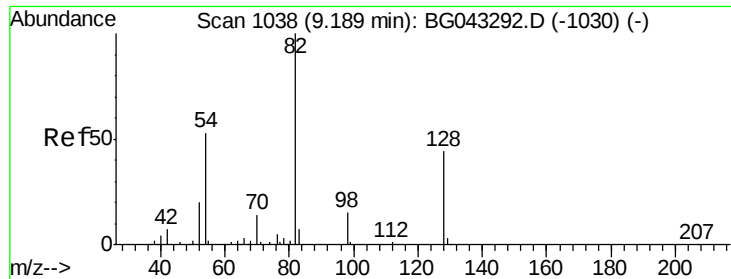
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#22
Acetophenone
Concen: 38.014 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134825		
71	1.6	1.5	2.3	
51	31.4	23.9	35.9	
120	22.5	17.3	25.9	





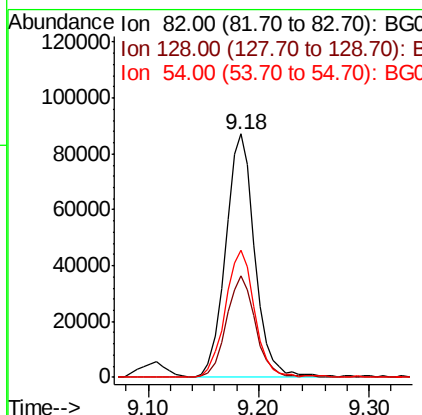
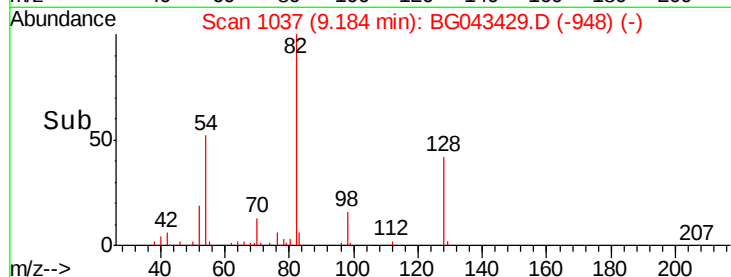
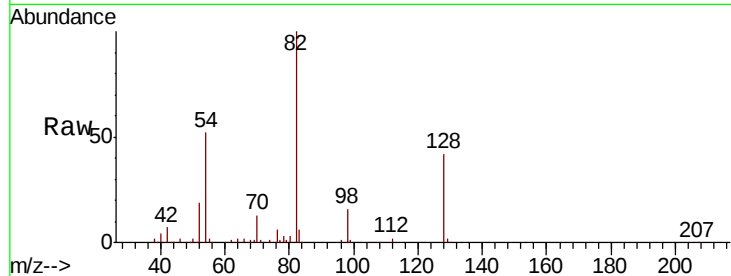
#23
 Nitrobenzene-d5
 Concen: 59.336 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	159399		
128	41.6	35.3	52.9	
54	52.2	42.3	63.5	

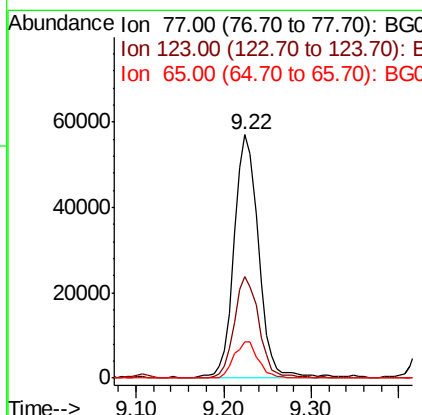
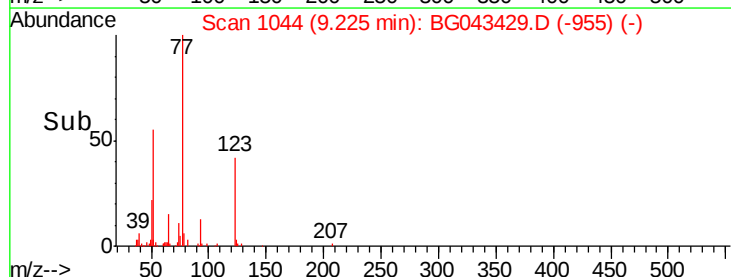
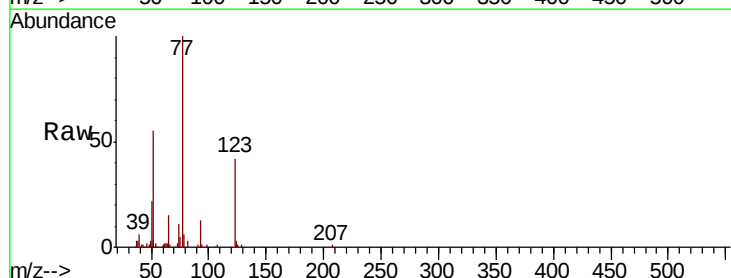
Manual Integrations
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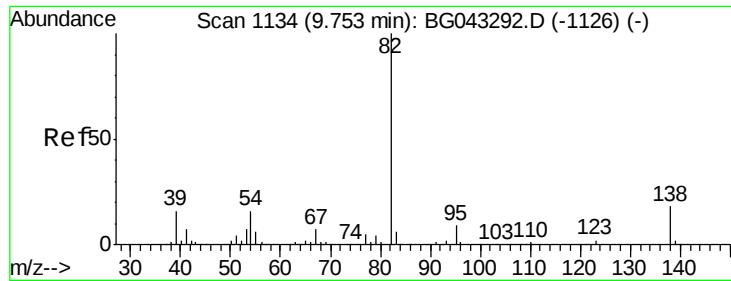
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#24
 Nitrobenzene
 Concen: 41.784 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	106930		
123	41.5	33.8	50.8	
65	15.0	13.0	19.4	





#25

Isophorone

Concen: 39.169 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

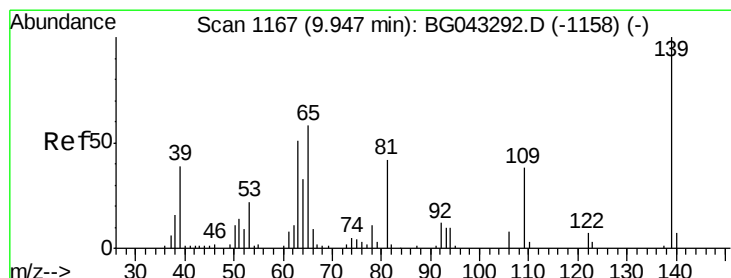
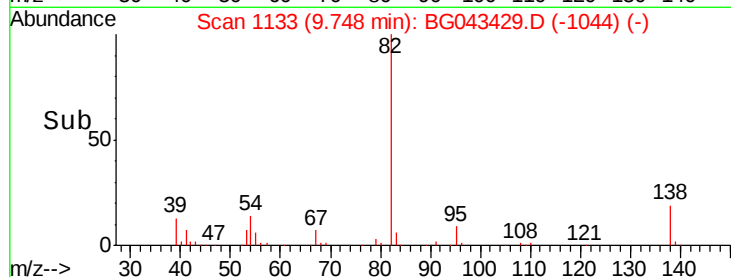
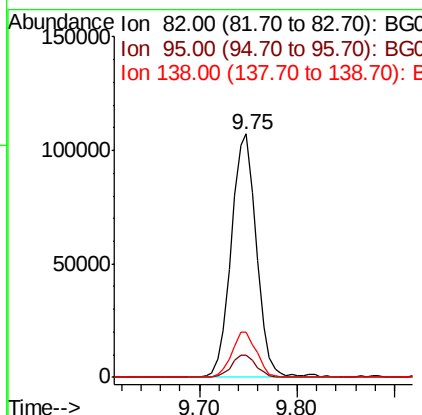
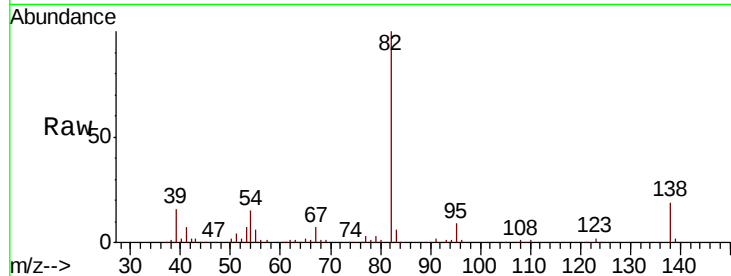
ClientSampleId :

PB124413BSD

Tot Ion:	82	Resp:	192377
Ion Ratio		Lower	Upper
82	100		
95	8.9	6.9	10.3
138	18.8	14.2	21.2

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#26

2-Nitrophenol

Concen: 43.102 ng

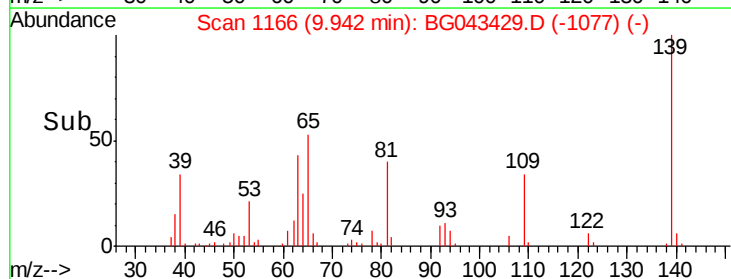
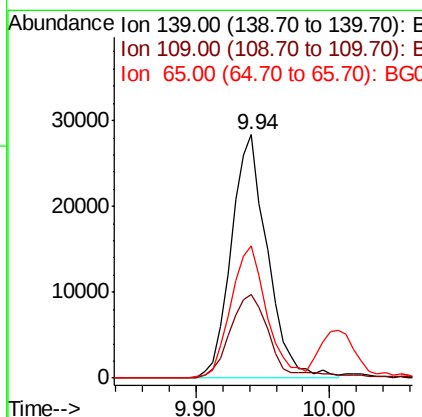
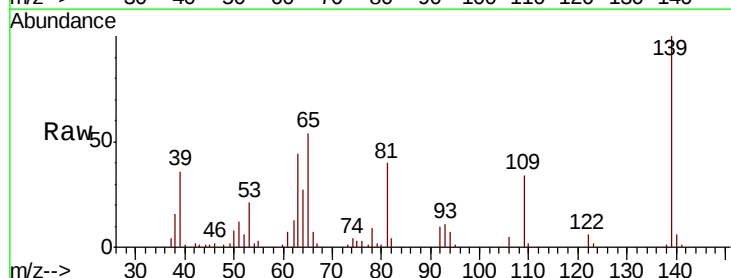
RT: 9.94 min Scan# 1166

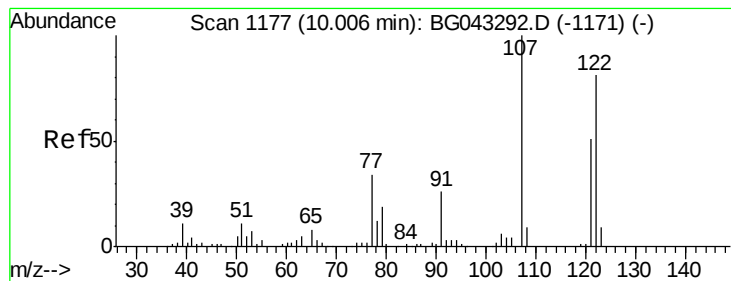
Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	139	Resp:	53252
Ion Ratio		Lower	Upper
139	100		
109	34.4	30.1	45.1
65	54.1	46.1	69.1





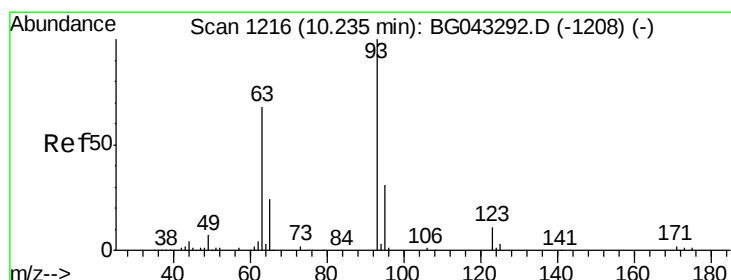
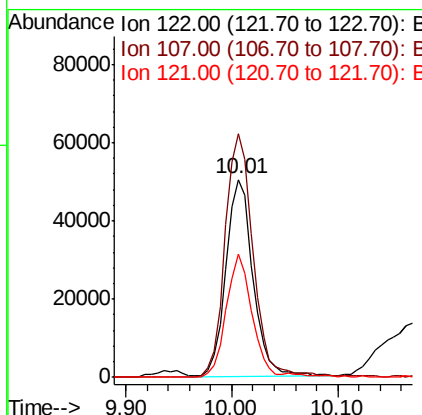
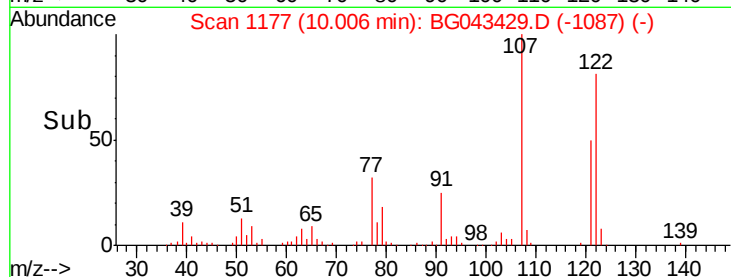
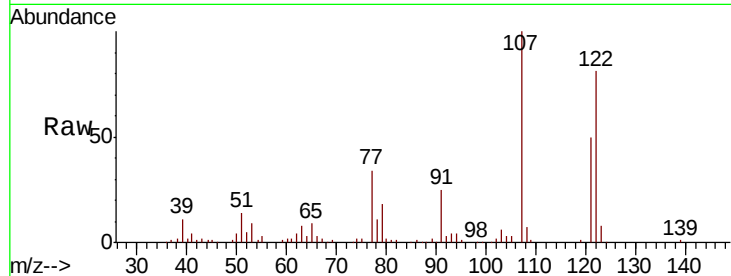
#27
 2,4-Dimethylphenol
 Concen: 50.477 ng
 RT: 10.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	89384		
107	123.0	98.6	147.8	
121	62.0	50.1	75.1	

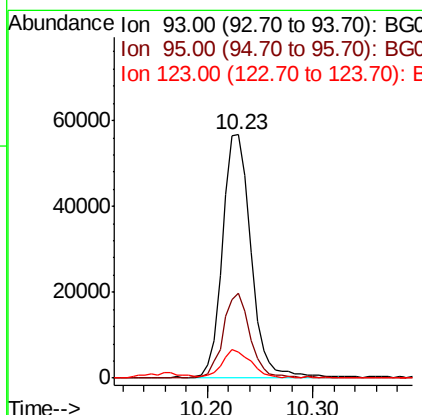
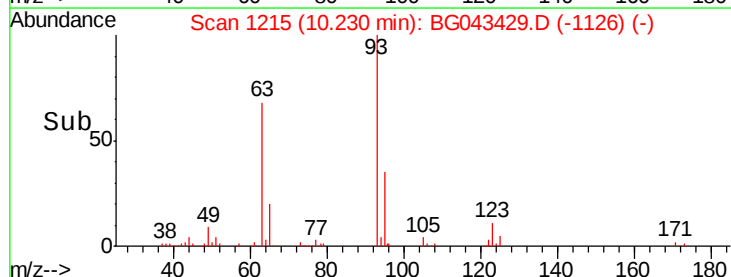
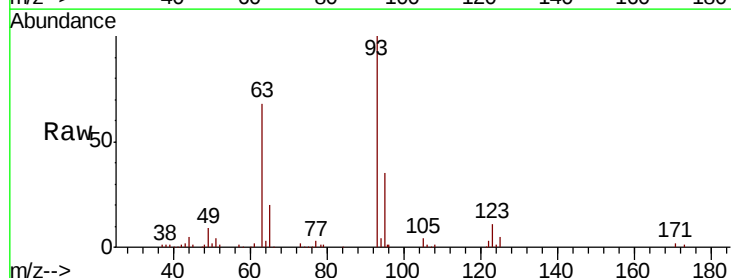
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.349 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	106664		
95	35.1	24.9	37.3	
123	10.9	8.9	13.3	





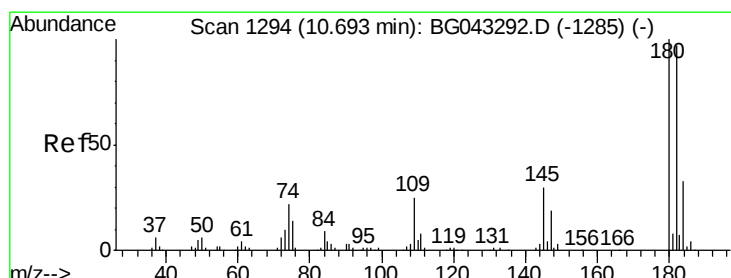
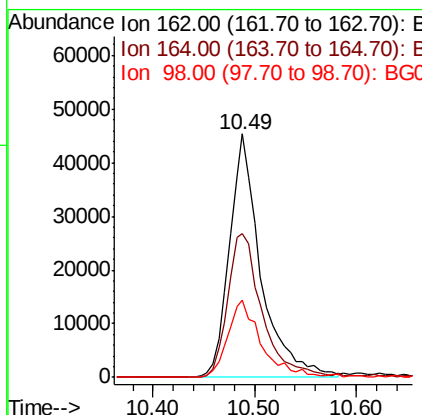
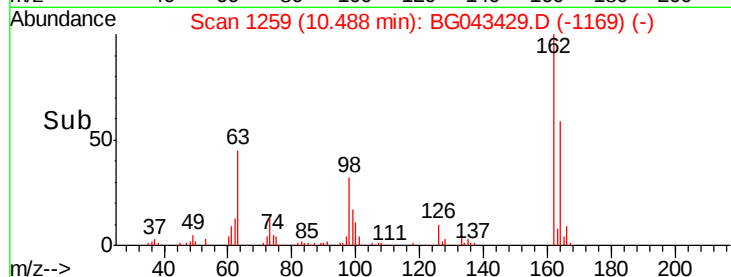
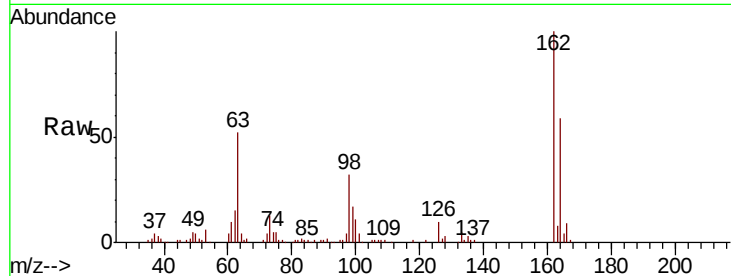
#29
2,4-Dichlorophenol
Concen: 42.858 ng
RT: 10.49 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	58.9	37.3	77.3
98	31.6	11.8	51.8

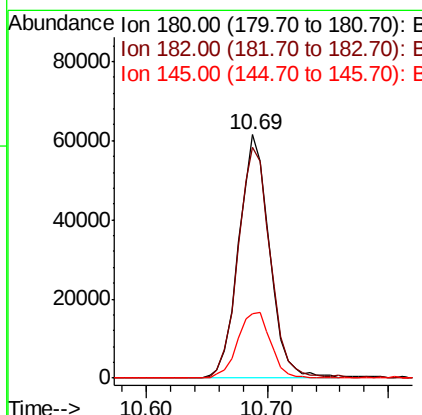
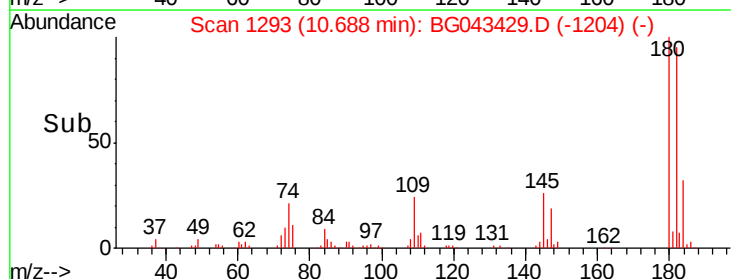
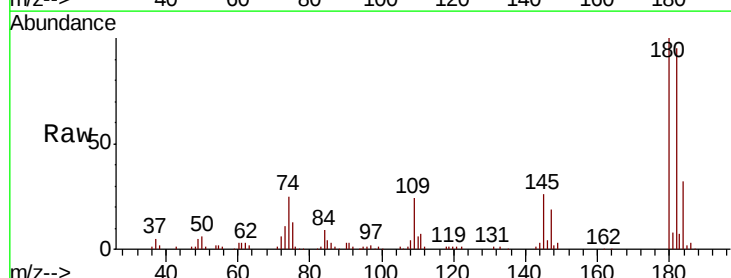
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#30
1,2,4-Trichlorobenzene
Concen: 38.219 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.8	116.8
145	26.2	23.6	35.4





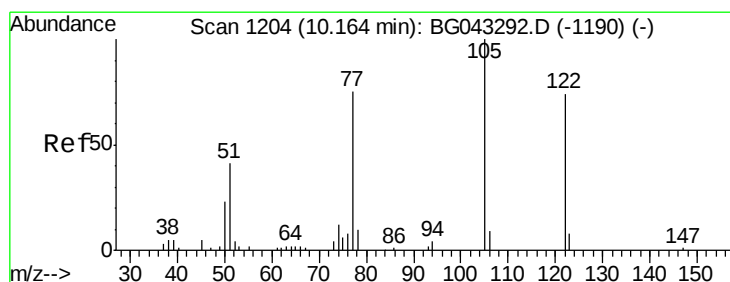
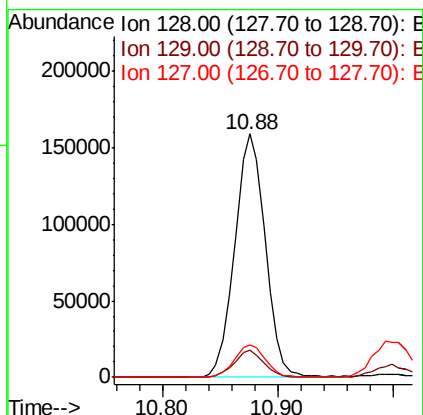
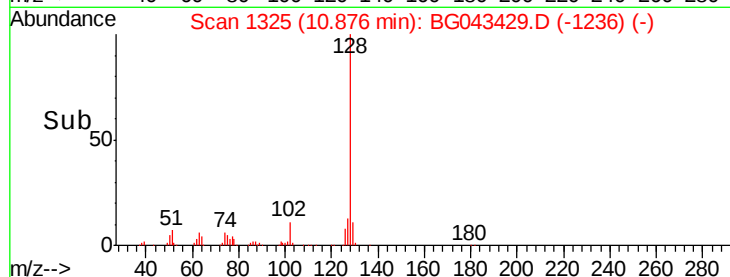
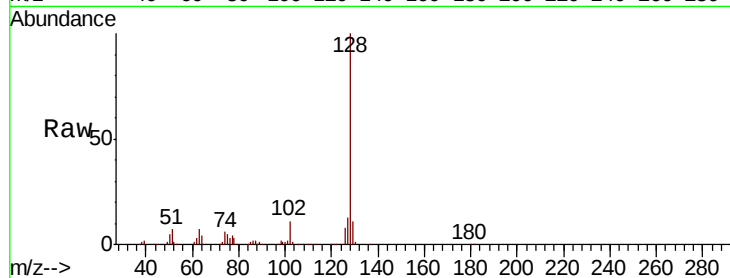
#31
Naphthalene
Concen: 41.389 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.4	11.5	17.3

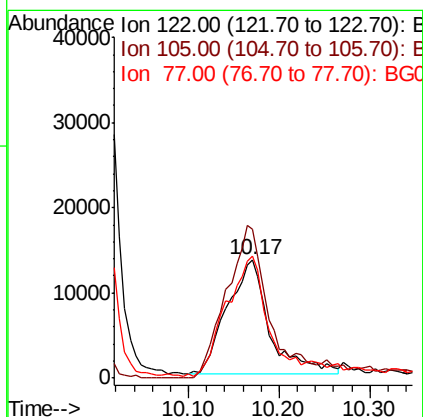
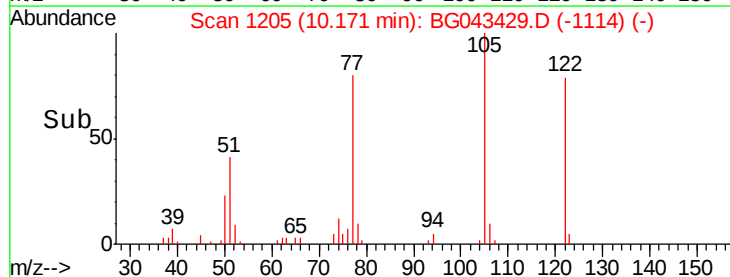
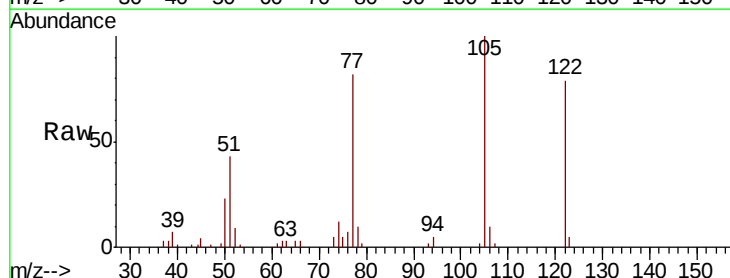
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#32
Benzoic acid
Concen: 35.324 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	112.4	152.4
77	103.7	82.7	122.7





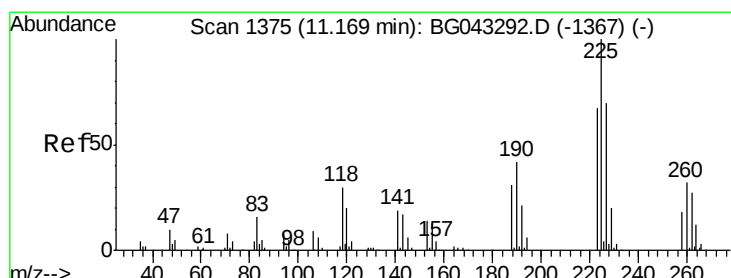
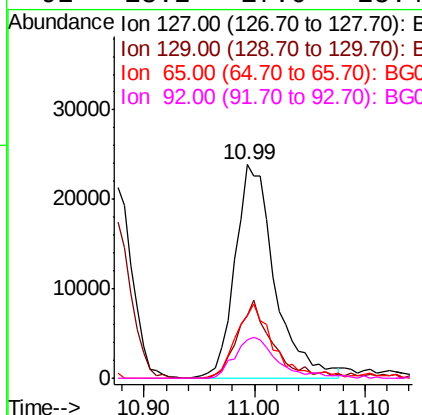
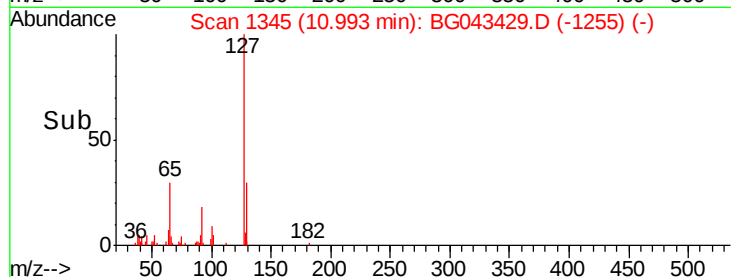
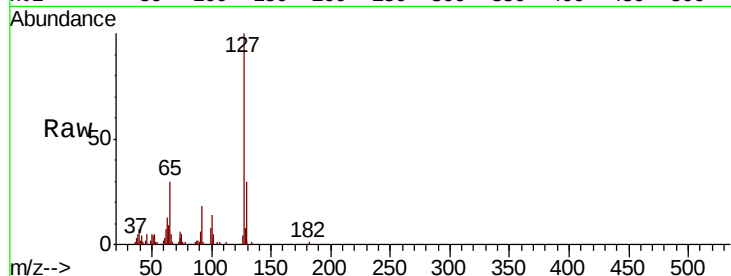
#33
4-Chloroaniline
Concen: 20.931 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	29.6	25.8	38.8	
65	29.5	26.2	39.2	
92	18.2	17.0	25.4	

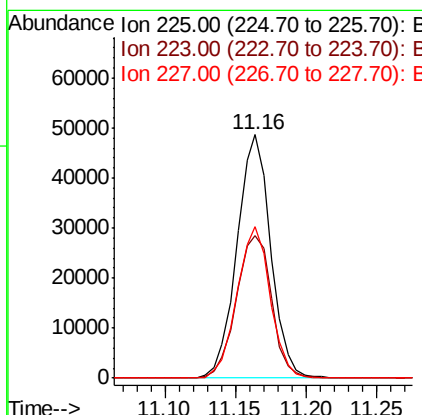
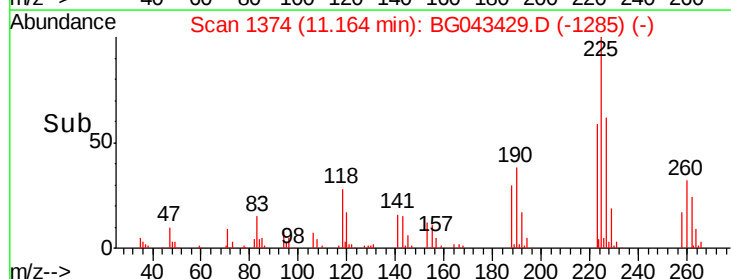
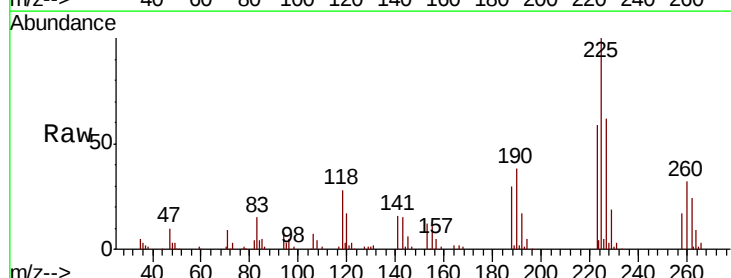
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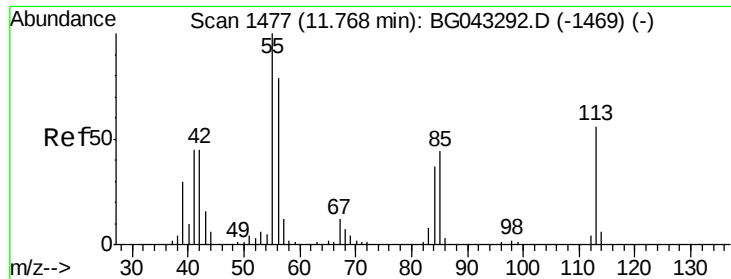
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#34
Hexachlorobutadiene
Concen: 38.308 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	53.2	79.8	
227	62.2	56.2	84.2	





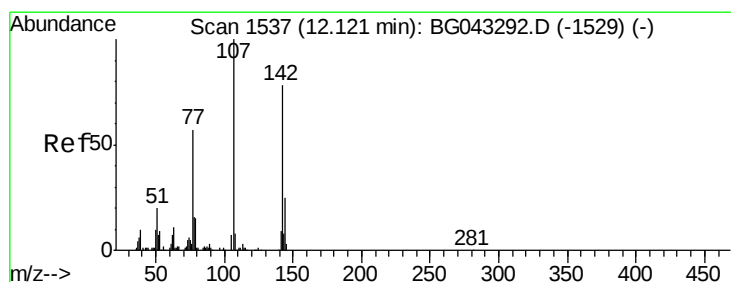
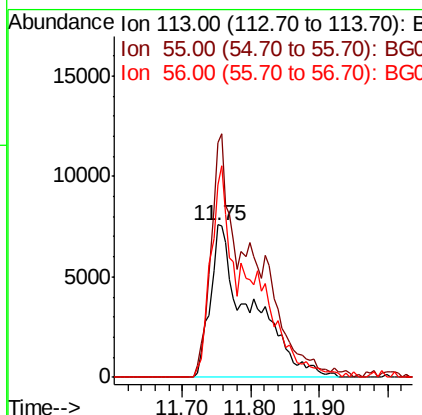
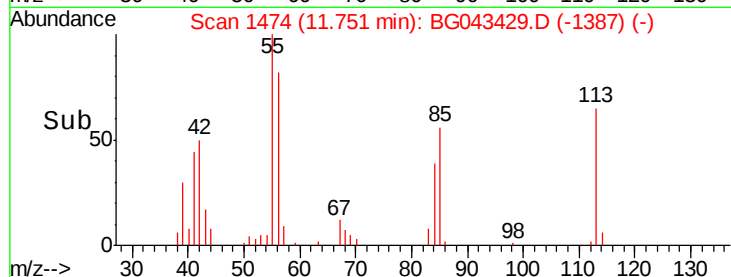
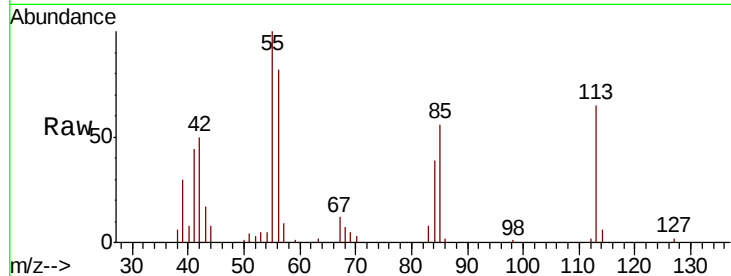
#35
 Caprolactam
 Concen: 39.923 ng/ml
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.02 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BSD

Tot Ion: 113 Resp: 31196
 Ion Ratio Lower Upper
 113 100
 55 153.6 158.9 198.9#
 56 126.1 121.4 161.4

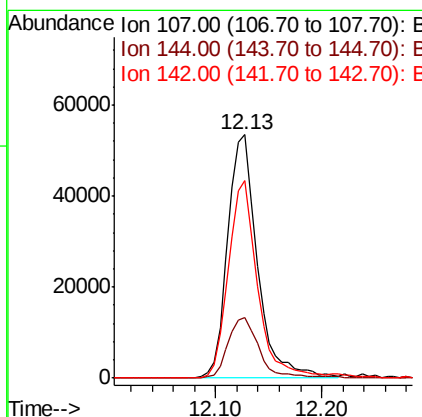
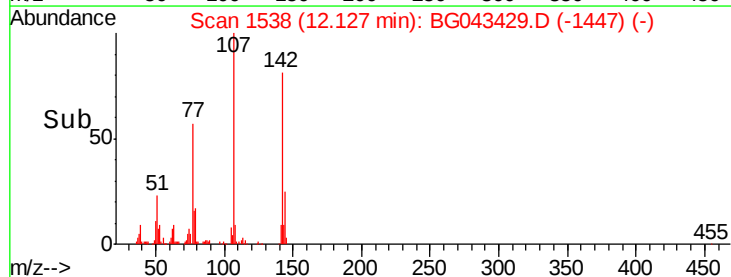
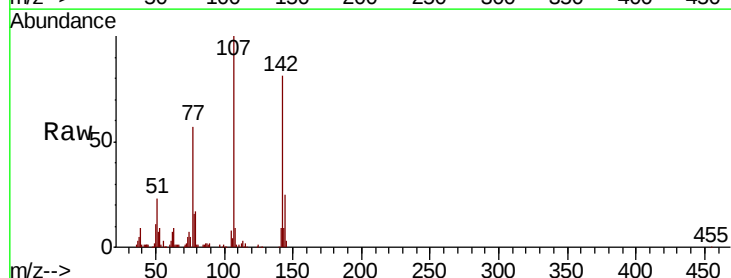
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#36
 4-Chloro-3-methylphenol
 Concen: 42.149 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.01 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Tgt Ion: 107 Resp: 104312
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.9 29.9
 142 81.3 62.1 93.1





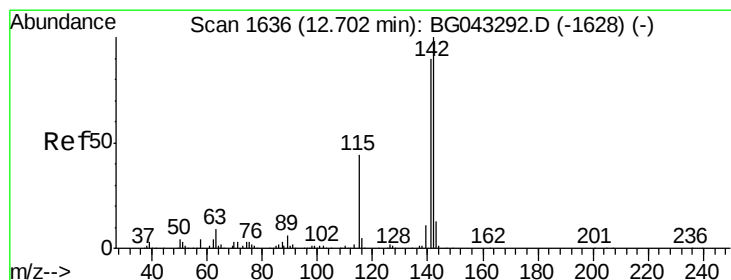
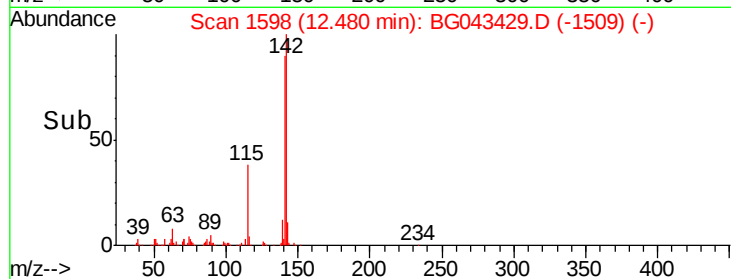
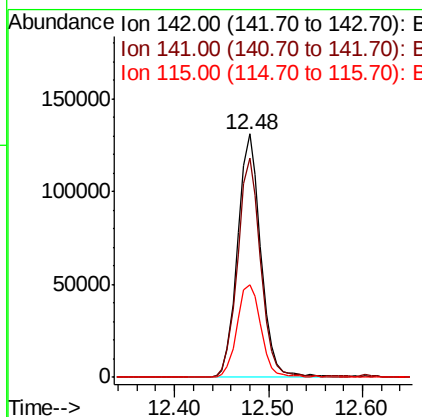
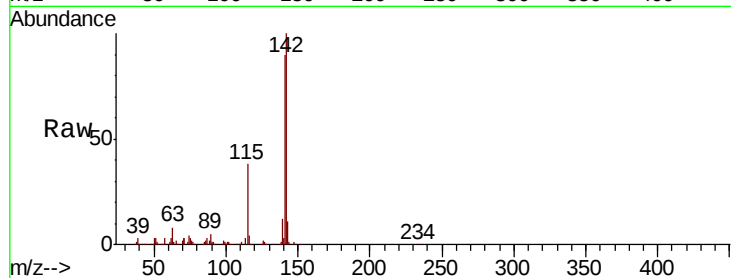
#37
2-Methylnaphthalene
Concen: 41.554 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.7	104.5
115	38.2	30.6	46.0

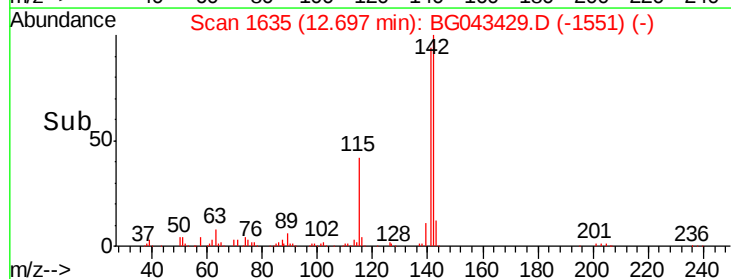
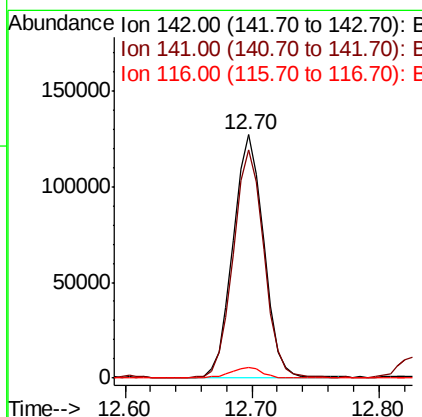
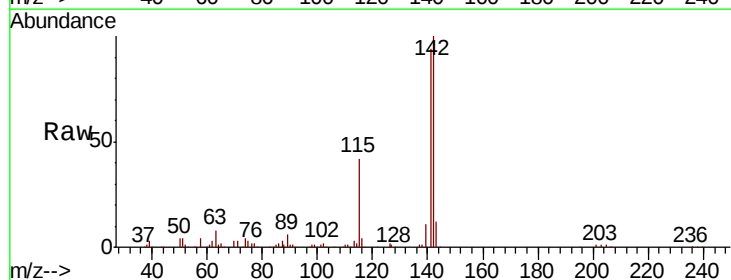
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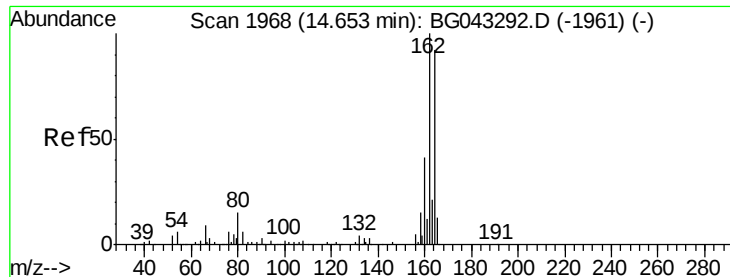
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#38
1-Methylnaphthalene
Concen: 41.327 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	72.3	108.5
116	4.4	3.8	5.6





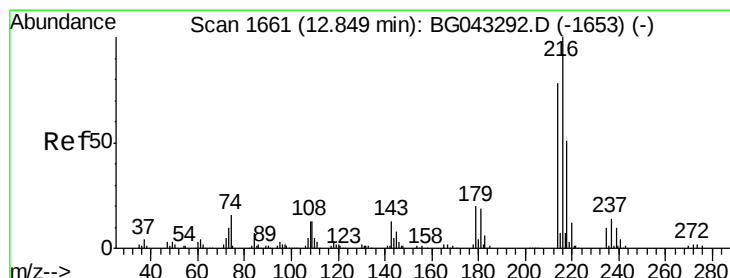
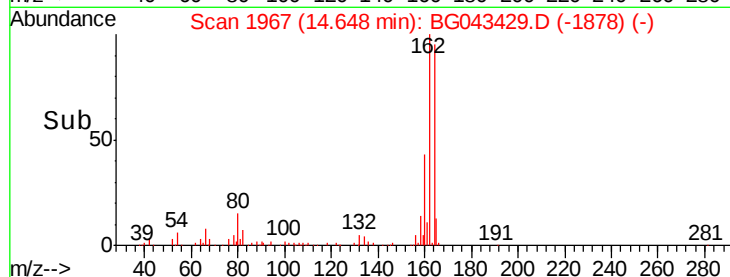
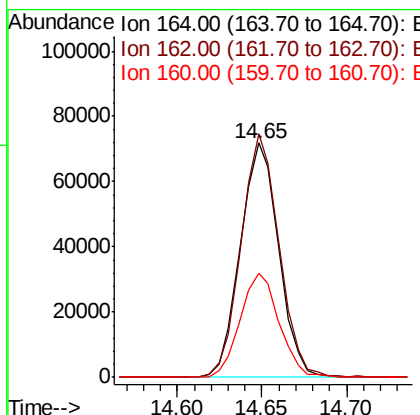
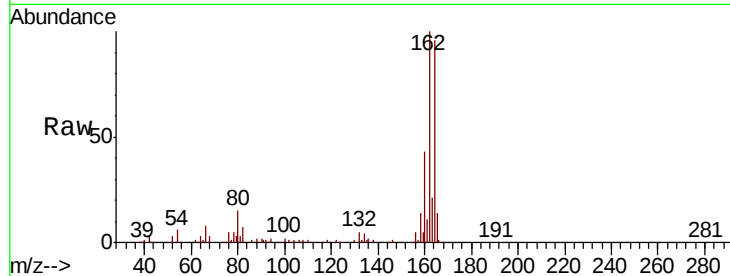
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	87.0	130.4
160	44.5	35.5	53.3

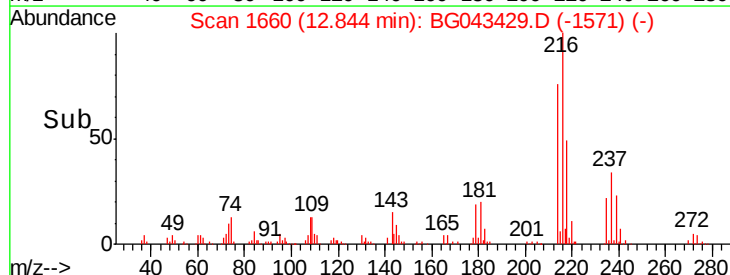
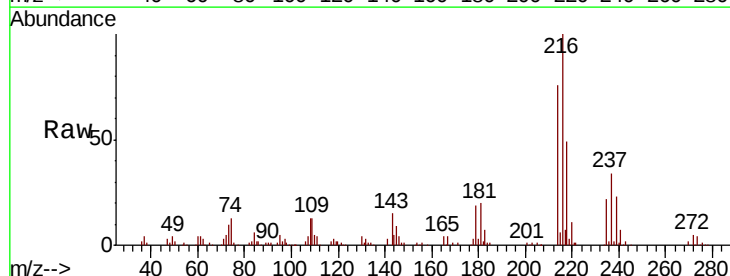
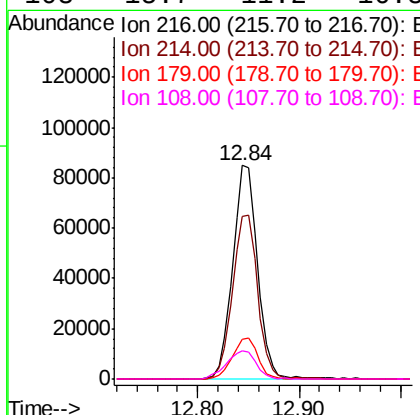
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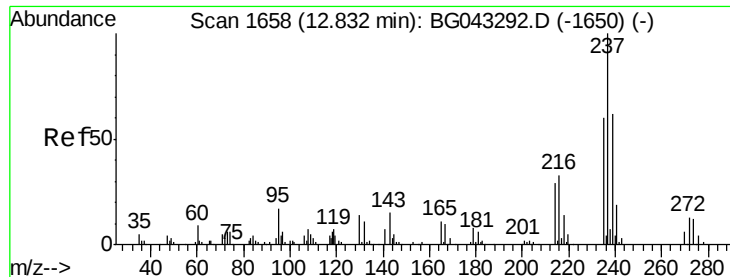
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.391 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.5	95.3
179	19.6	16.2	24.2
108	15.7	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 77.233 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

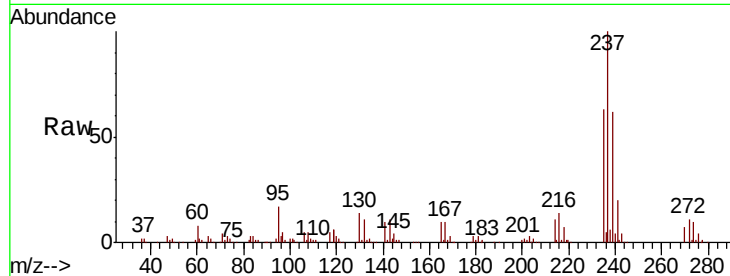
ClientSampleId :

PB124413BSD

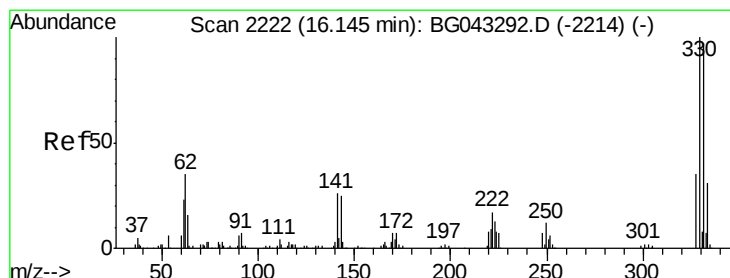
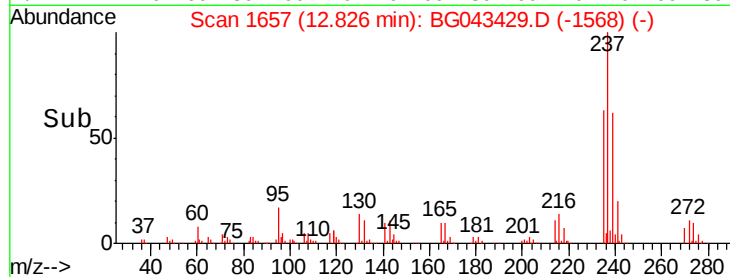
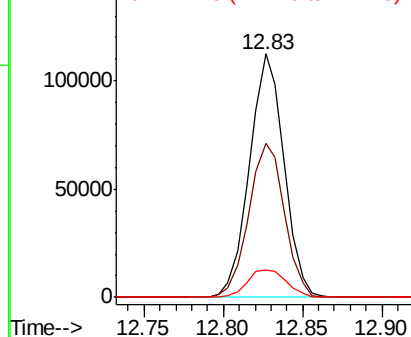
Tot Ion:	237	Resp:	170123
Ion Ratio		Lower	Upper
237	100		
235	63.1	40.3	80.3
272	11.2	0.0	32.9

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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: 95.878 ng

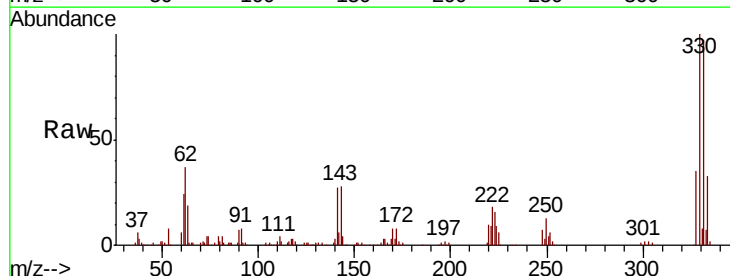
RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

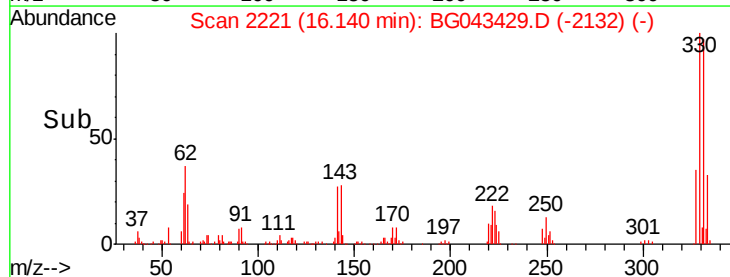
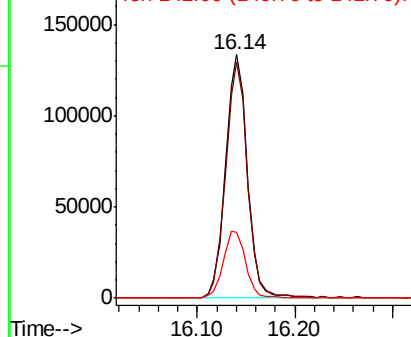
Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	330	Resp:	206731
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.4	114.6
141	28.3	21.4	32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





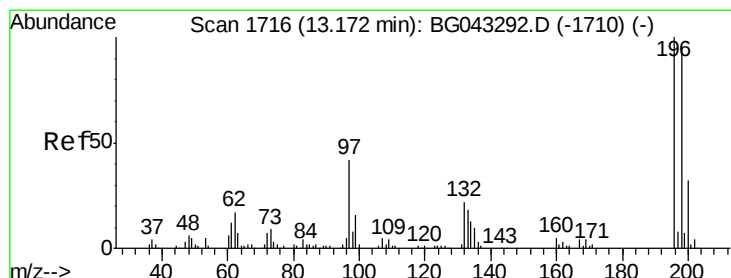
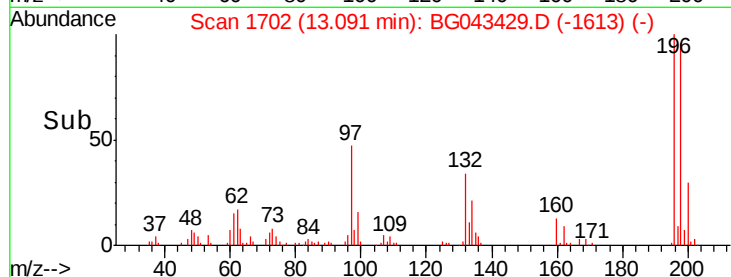
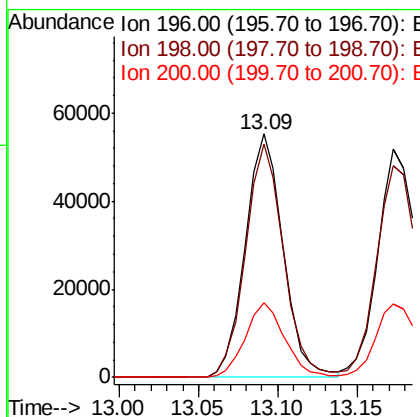
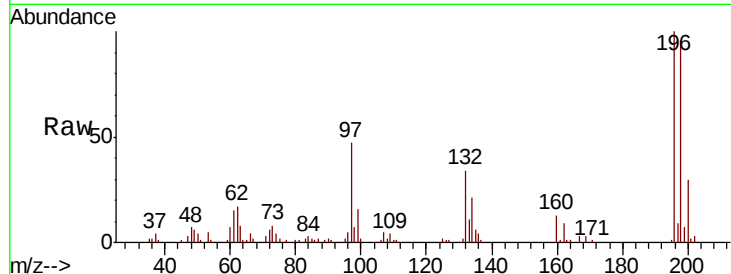
#43
 2,4,6-Trichlorophenol
 Concen: 37.256 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	92002		
198	95.8	77.0	115.4	
200	30.5	27.4	41.2	

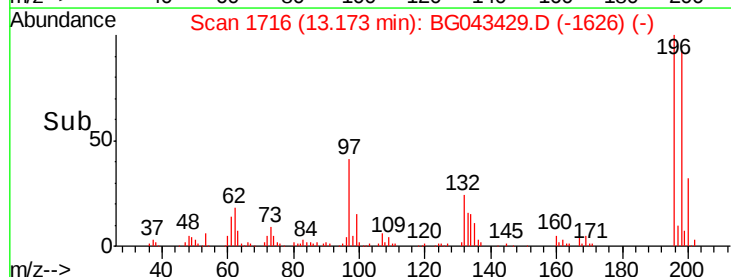
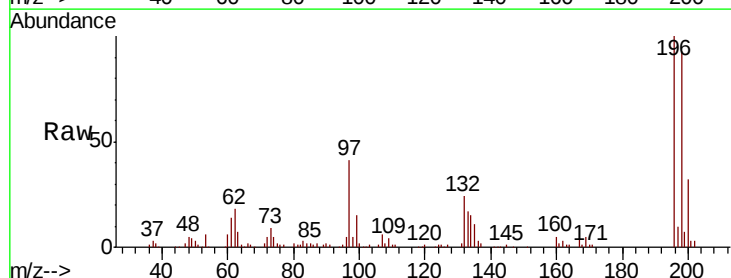
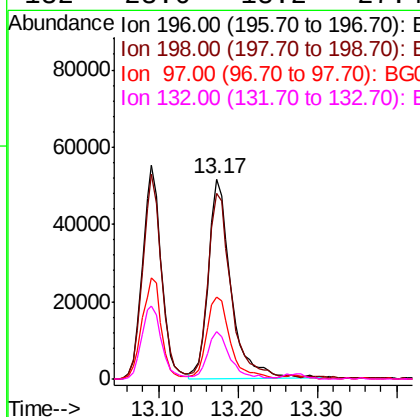
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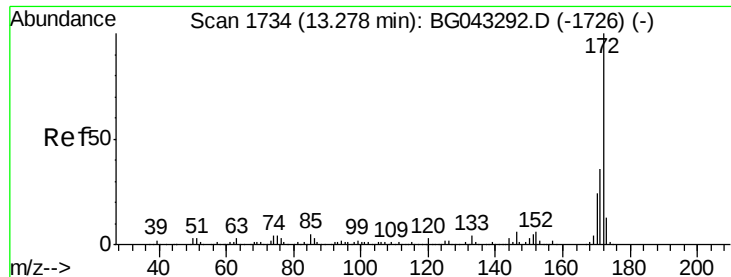
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#44
 2,4,5-Trichlorophenol
 Concen: 41.060 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG043429.D
 Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	102508		
198	92.7	76.6	114.8	
97	40.9	34.1	51.1	
132	23.6	18.2	27.4	





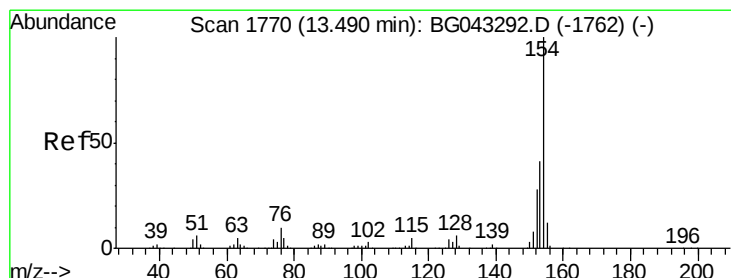
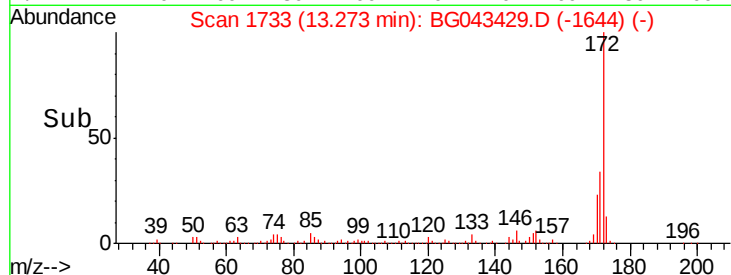
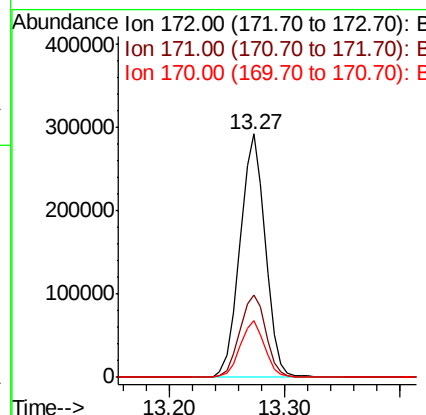
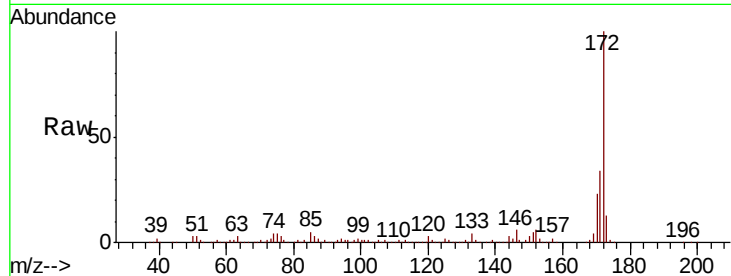
#45
2-Fluorobiphenyl
Concen: 53.878 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	23.4	18.8	28.2

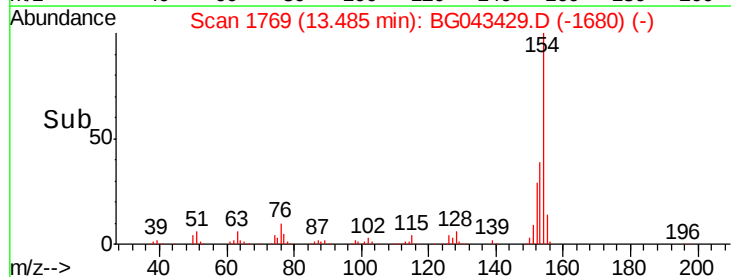
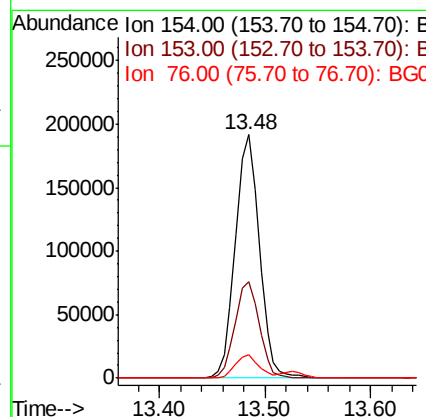
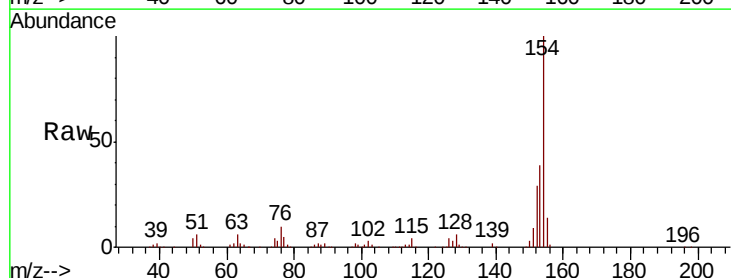
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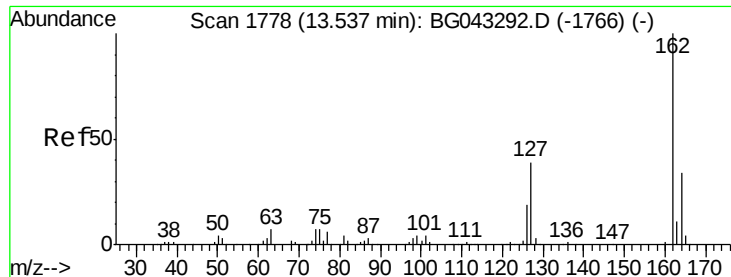
mohammad
10/31/2019 2:52:20 PM



#46
1,1'-Biphenyl
Concen: 34.959 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.0	61.0
76	9.6	0.0	29.8





#47

2-Chloronaphthalene

Concen: 35.380 ng

RT: 13.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

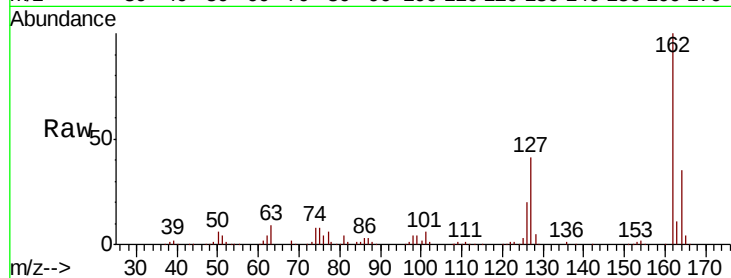
ClientSampleId :

PB124413BSD

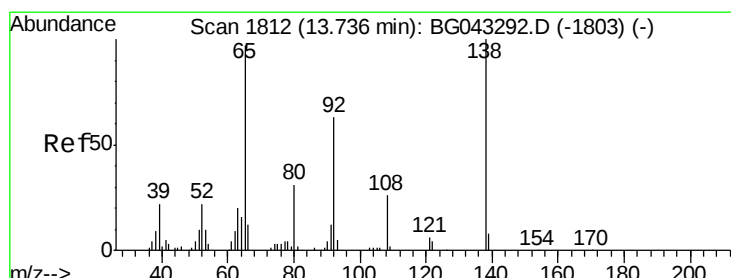
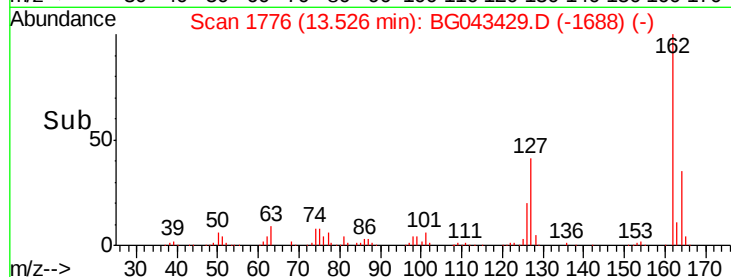
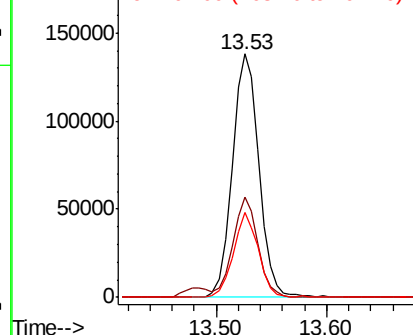
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.0	31.3	46.9
164	34.9	26.8	40.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 34.478 ng

RT: 13.74 min Scan# 1812

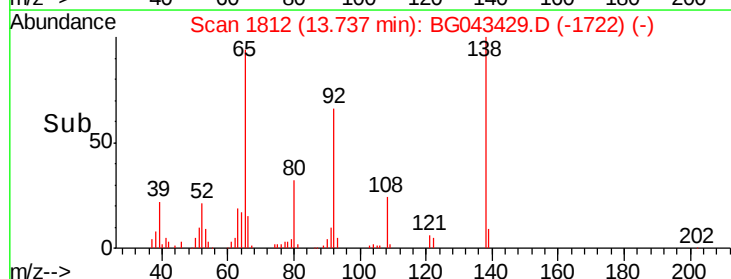
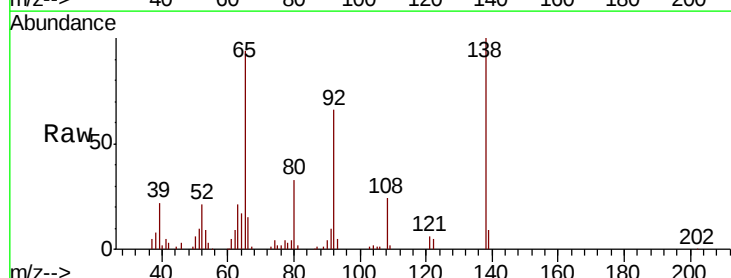
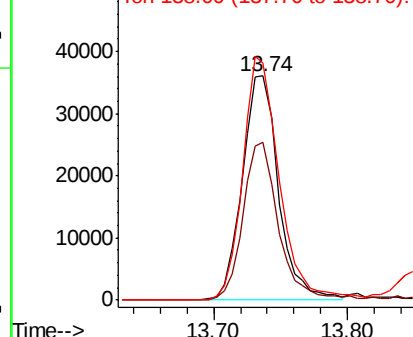
Delta R.T. 0.00 min

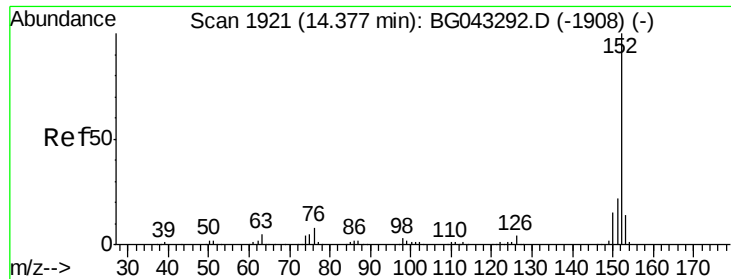
Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	52.6	79.0
138	105.9	82.9	124.3

Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.500 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

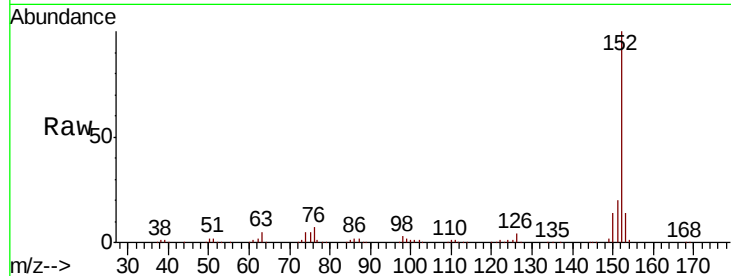
ClientSampleId :

PB124413BSD

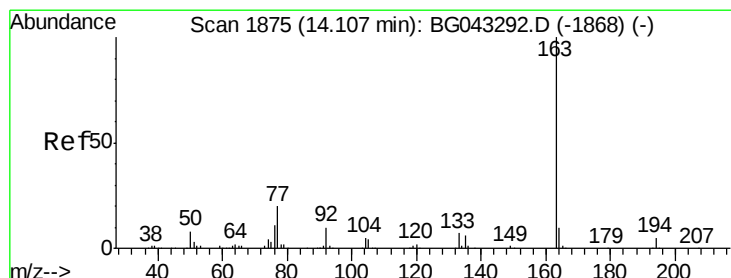
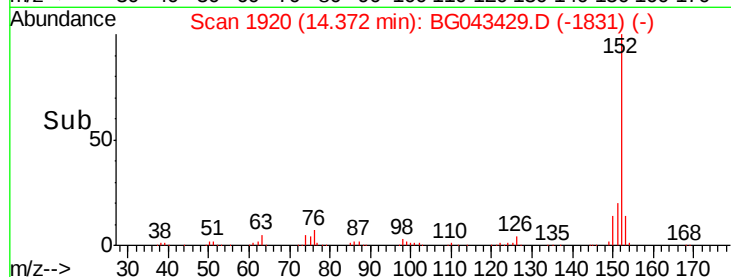
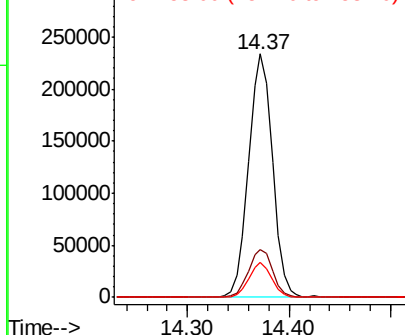
Tot Ion:	152	Resp:	382772
Ion Ratio	Lower	Upper	
152	100		
151	19.8	17.2	25.8
153	14.2	11.0	16.6

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



#50

Dimethylphthalate

Concen: 35.247 ng

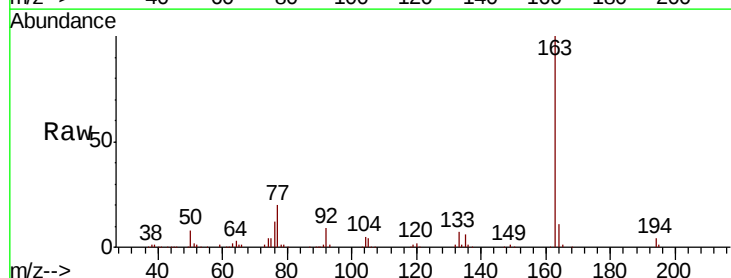
RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

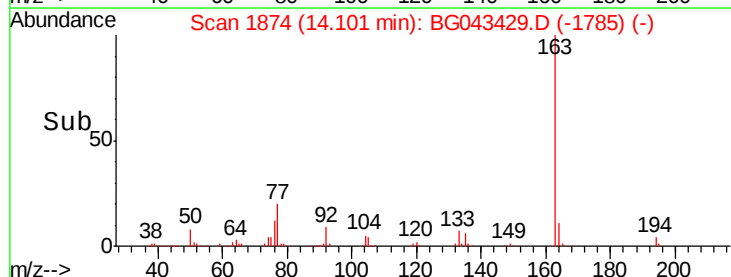
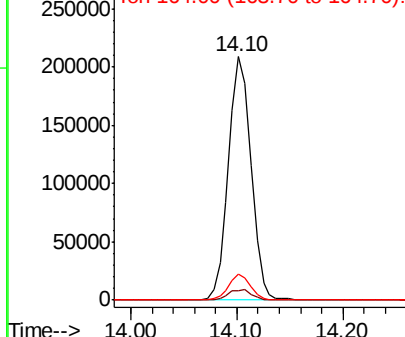
Lab File: BG043429.D

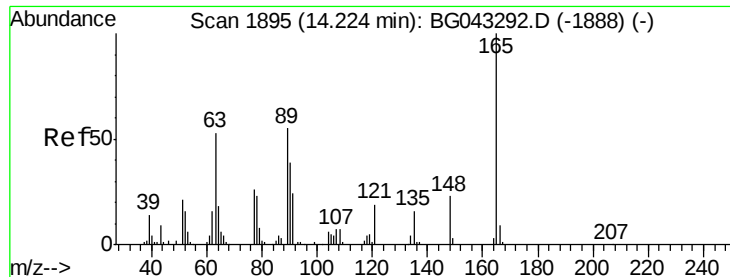
Acq: 31 Oct 2019 10:50

Tgt Ion:	163	Resp:	309330
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.7	5.5
164	10.8	8.1	12.1



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





#51

2,6-Dinitrotoluene

Concen: 36.365 ng

RT: 14.22 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

ClientSampleId :

PB124413BSD

Tot Ion:165 Resp: 69334

Ion Ratio Lower Upper

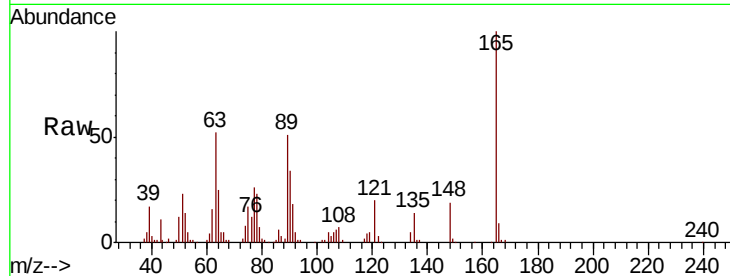
165 100

63 51.8 47.1 70.7

89 51.3 43.7 65.5

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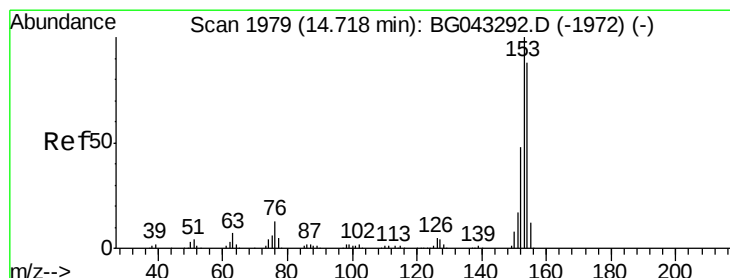
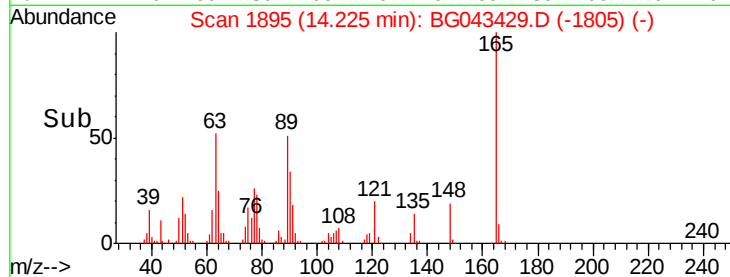
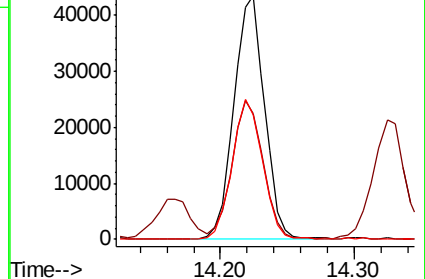
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.620 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

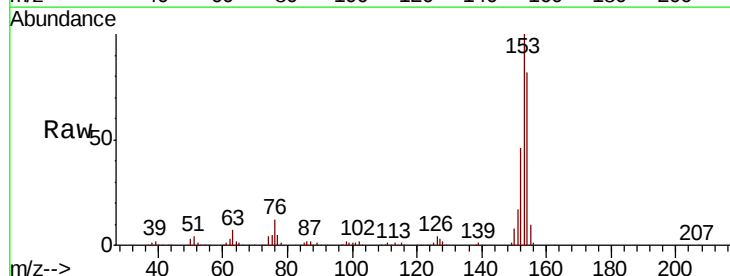
Tgt Ion:154 Resp: 221723

Ion Ratio Lower Upper

154 100

153 122.3 90.9 136.3

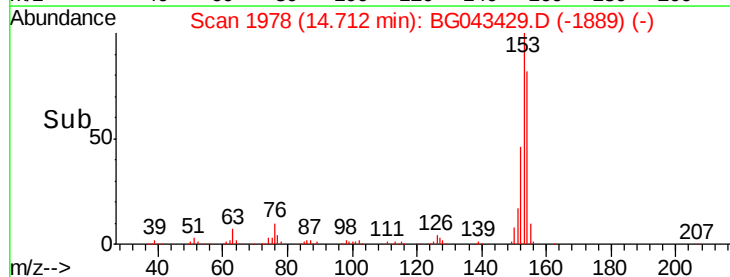
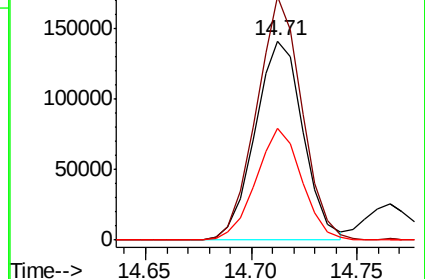
152 56.1 43.9 65.9

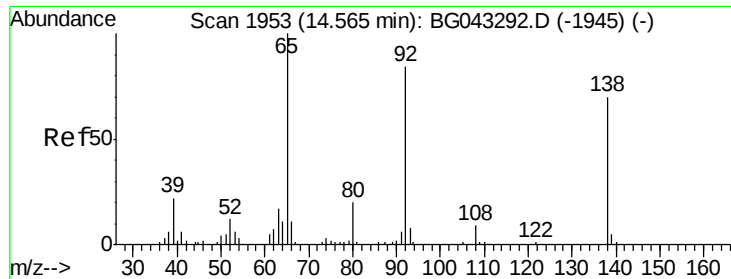


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





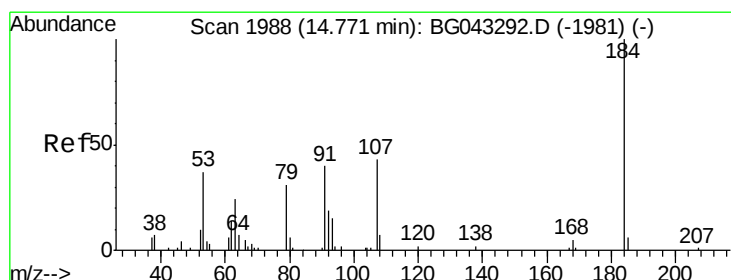
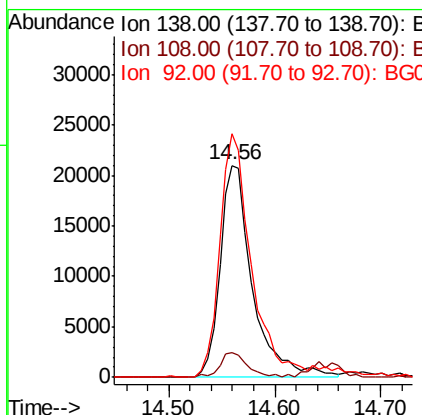
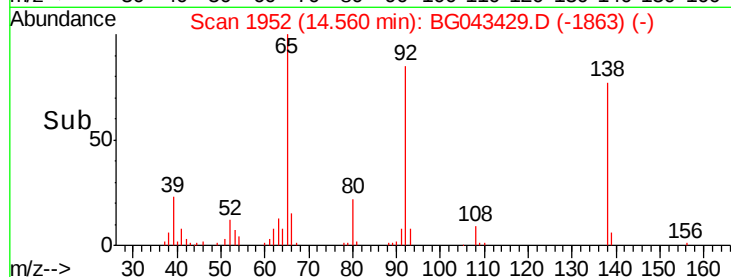
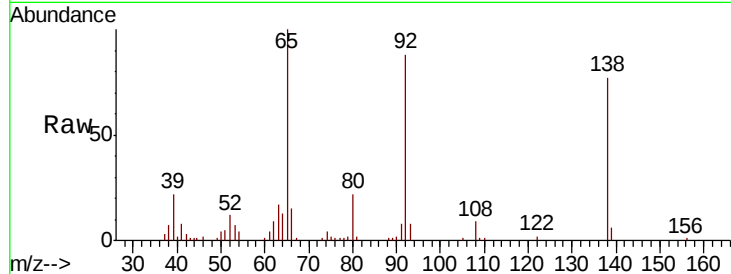
#53
3-Nitroaniline
Concen: 24.191 ng
RT: 14.56 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.8	14.6
92	114.8	95.8	143.6

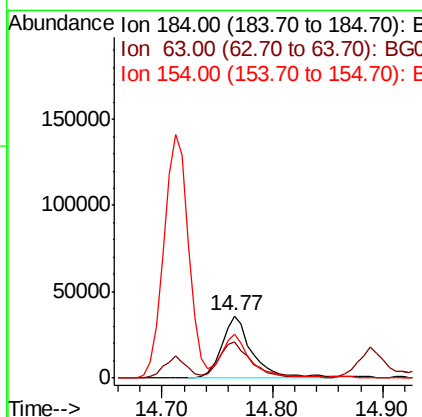
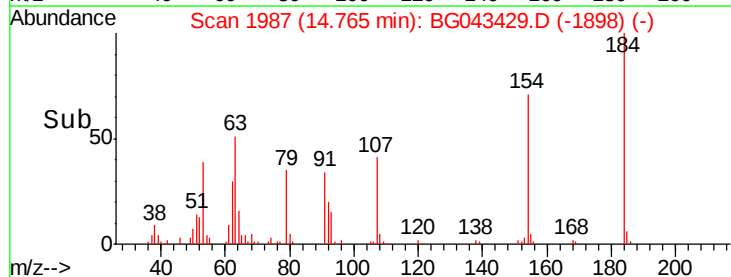
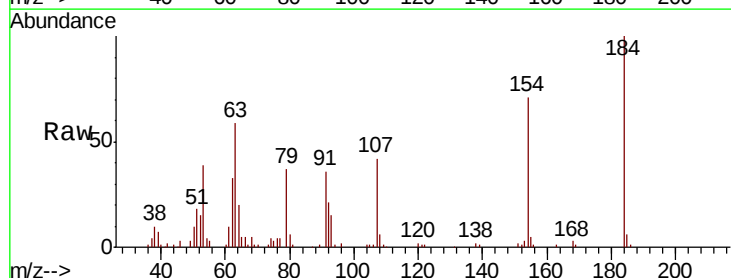
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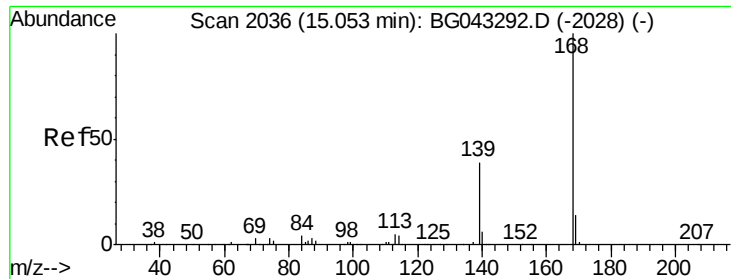
mohammad
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#54
2,4-Dinitrophenol
Concen: 59.459 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.9	48.8	73.2
154	71.1	49.4	74.0





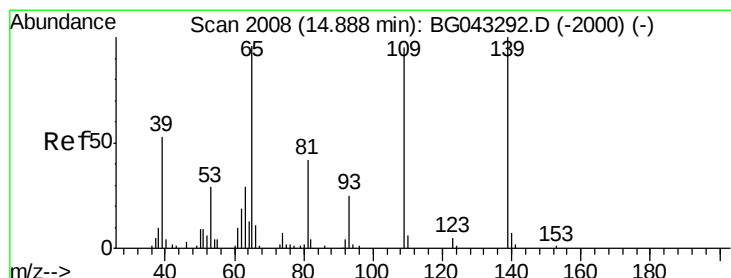
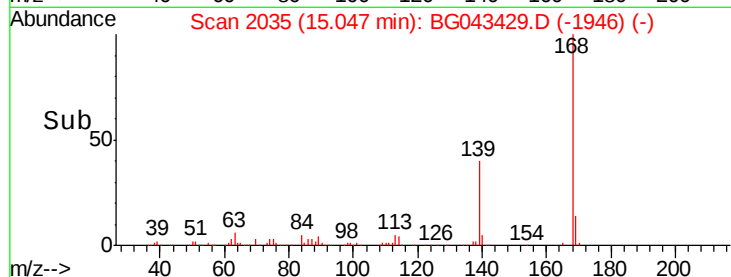
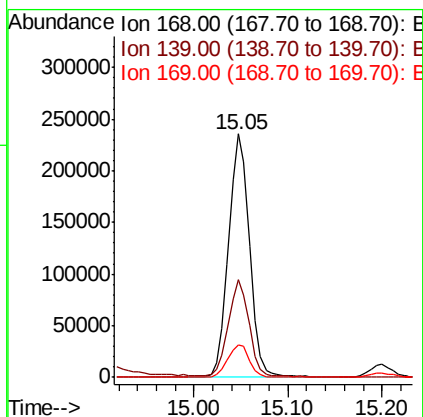
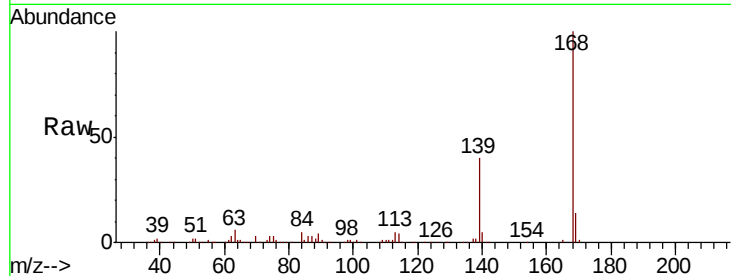
#55
Dibenzenofuran
Concen: 36.213 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.7	47.5
169	13.6	11.0	16.4

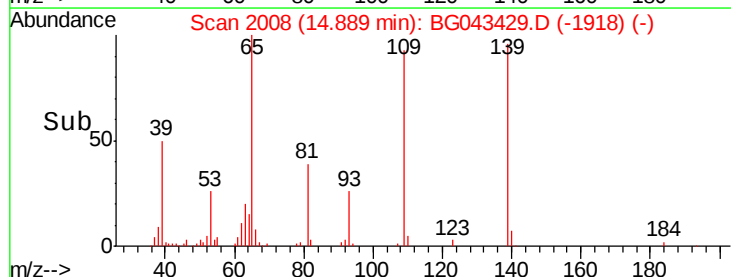
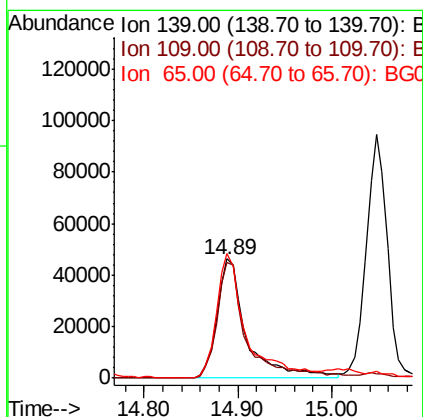
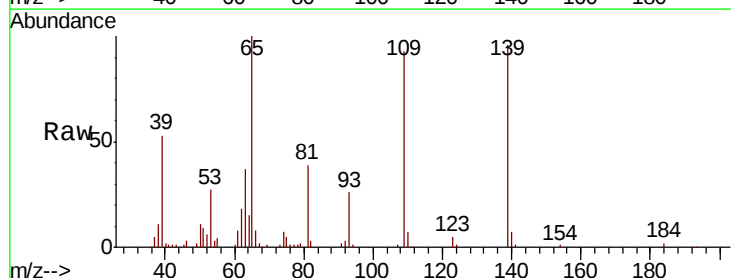
Manual Integrations
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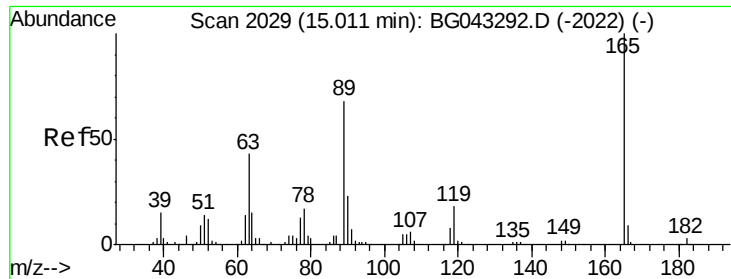
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#56
4-Nitrophenol
Concen: 82.610 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.3	75.4	115.4
65	104.3	76.6	116.6





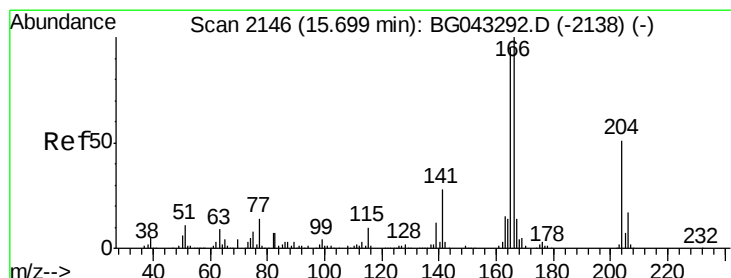
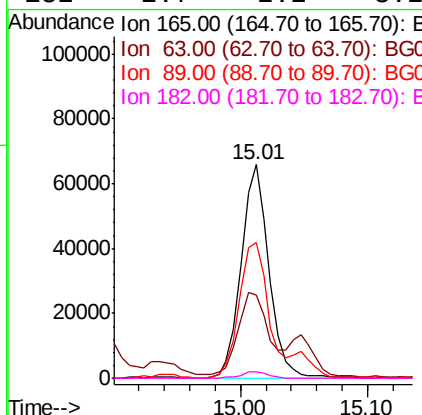
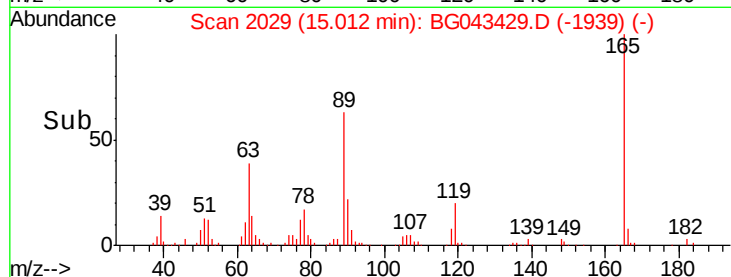
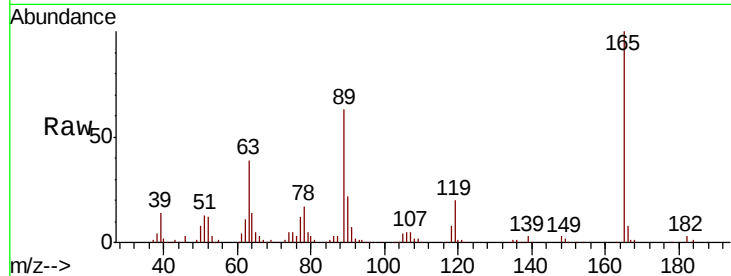
#57
2,4-Dinitrotoluene
Concen: 36.616 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	99770		
63	39.0		35.0	52.6
89	63.4		54.1	81.1
182	2.7		2.2	3.2

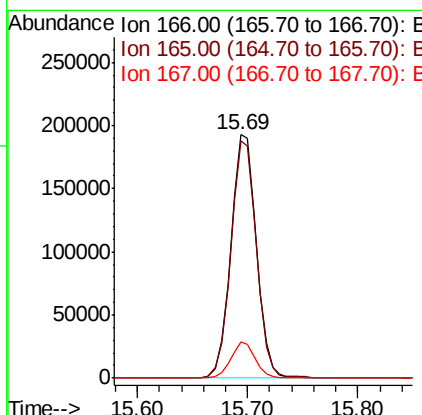
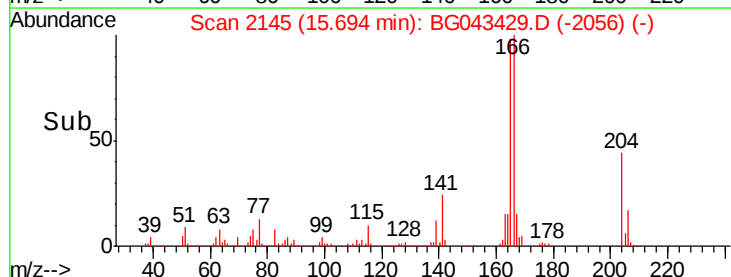
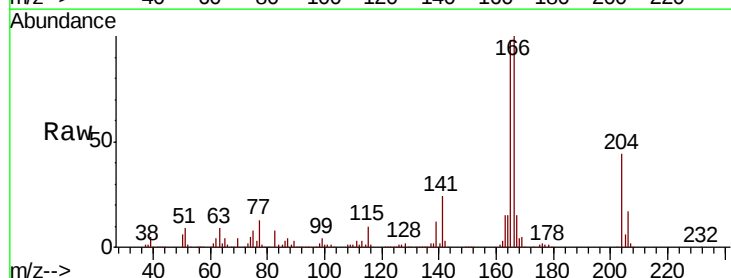
Manual Integrations
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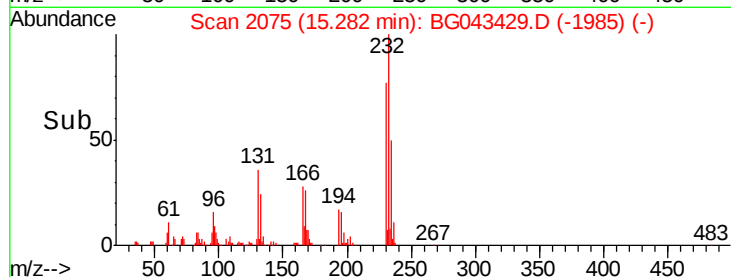
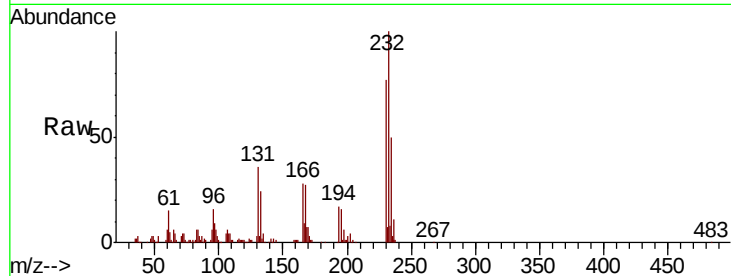
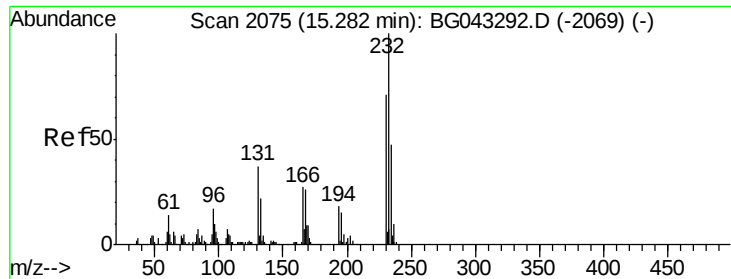
mohammad
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#58
Fluorene
Concen: 36.838 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	311878		
165	97.7		76.4	114.6
167	14.7		11.1	16.7





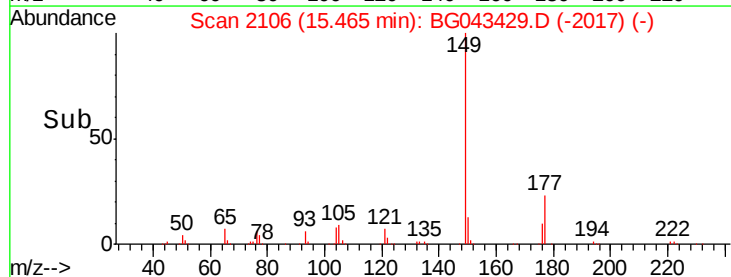
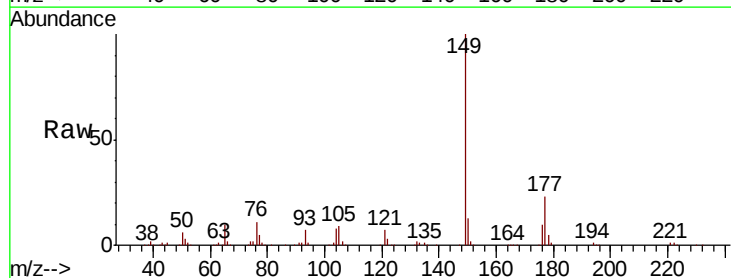
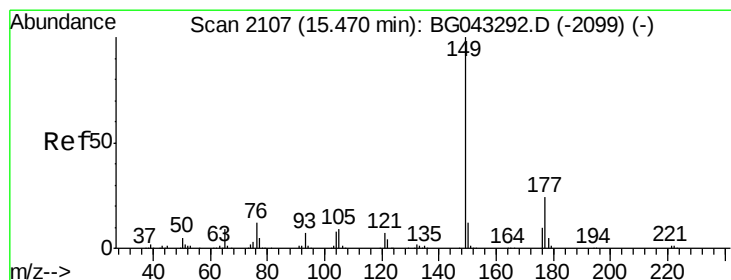
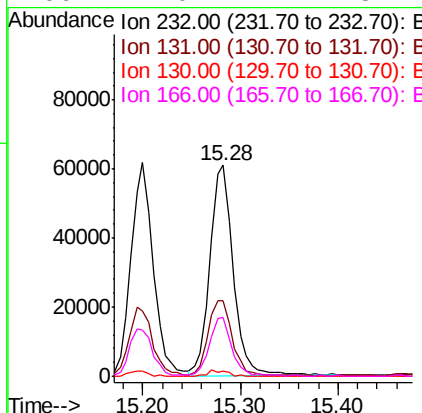
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.171 ng
RT: 15.28 min Scan# 2075
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.0	28.7	43.1	
130	2.3	0.6	0.8	
166	27.0	21.1	31.7	

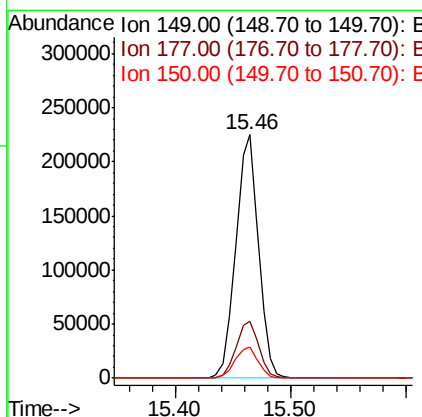
Manual Integrations
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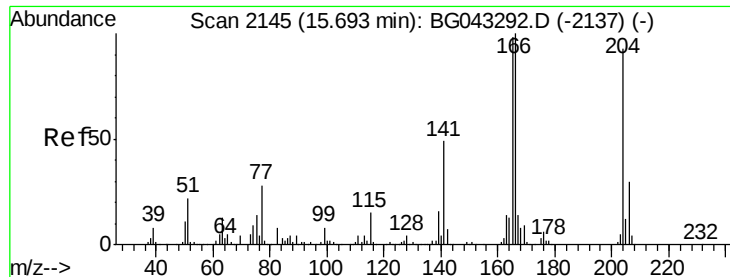
mohammad
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#60
Diethylphthalate
Concen: 34.579 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.3	19.0	28.4	
150	12.8	9.4	14.0	





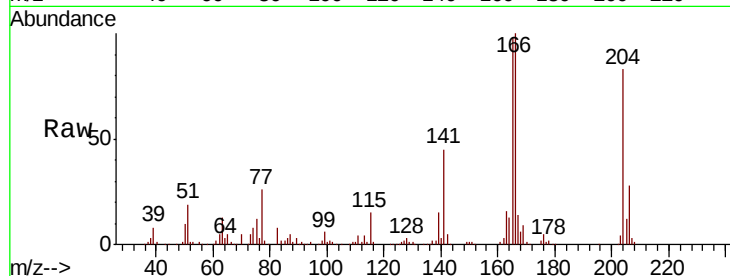
#61
4-Chlorophenyl-phenylether
Concen: 35.236 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.7	38.5
141	53.9	42.3	63.5

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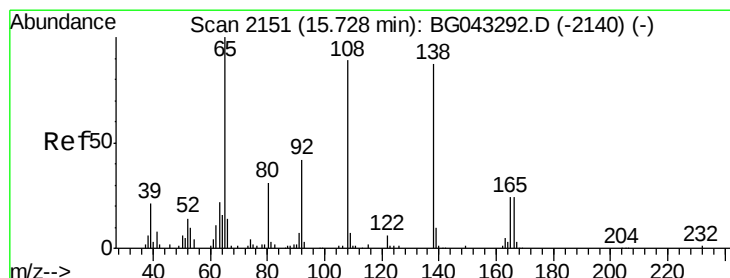
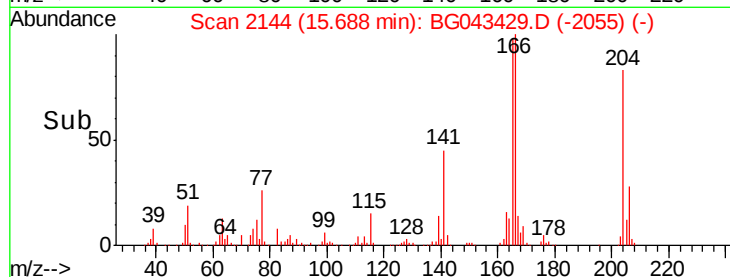
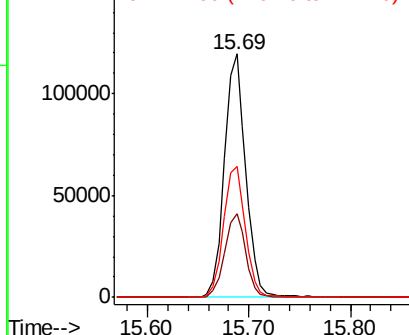


Abundance

Ion 204.00 (203.70 to 204.70): E

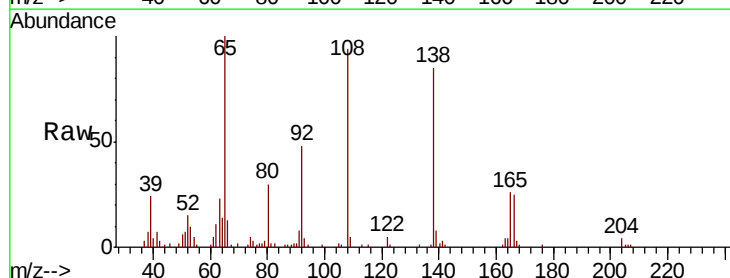
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.544 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.9	28.8	68.8
108	109.9	82.7	122.7

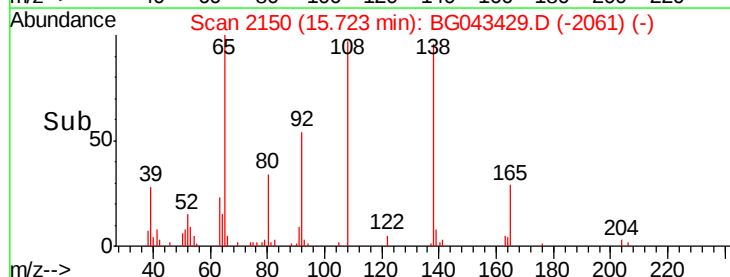
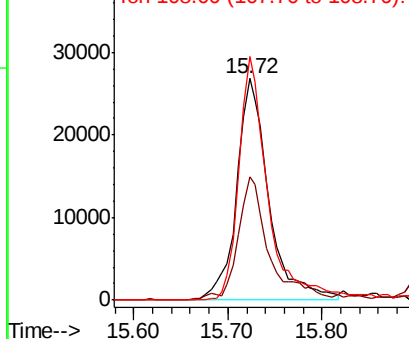


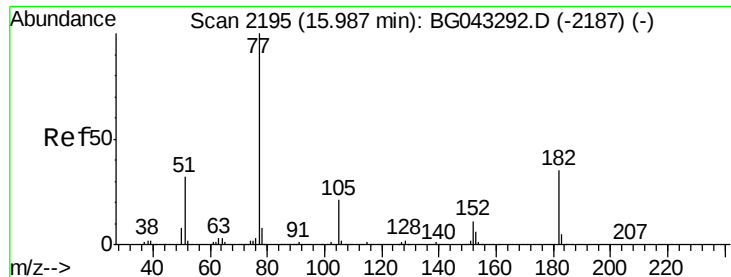
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





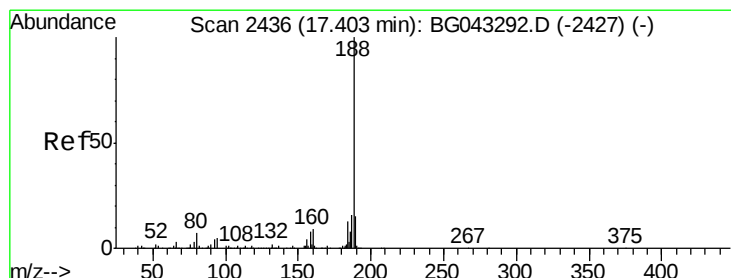
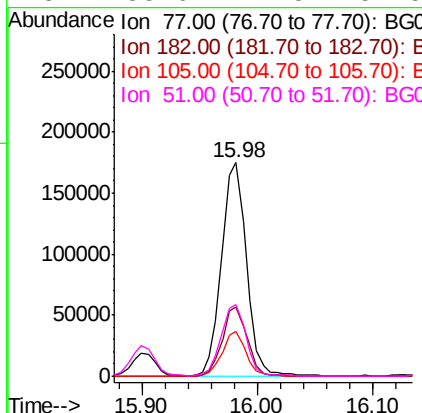
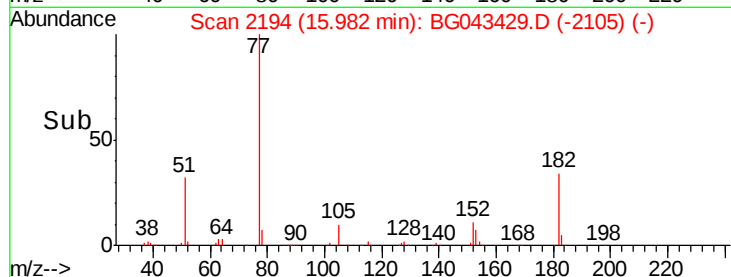
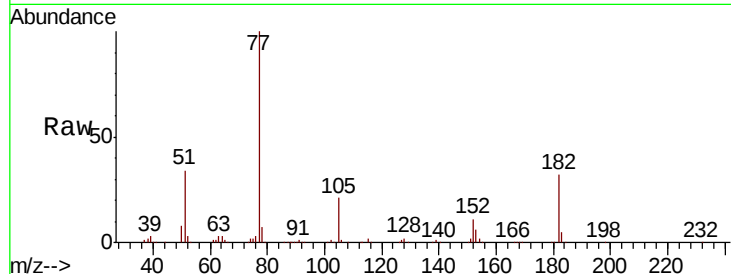
#63
Azobenzene
Concen: 36.571 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		260998		
182	32.3	14.9	54.9		
105	20.7	0.6	40.6		
51	33.6	12.5	52.5		

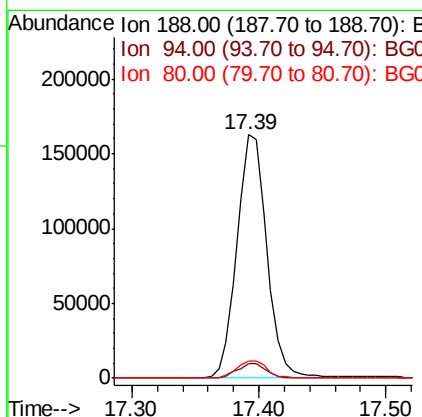
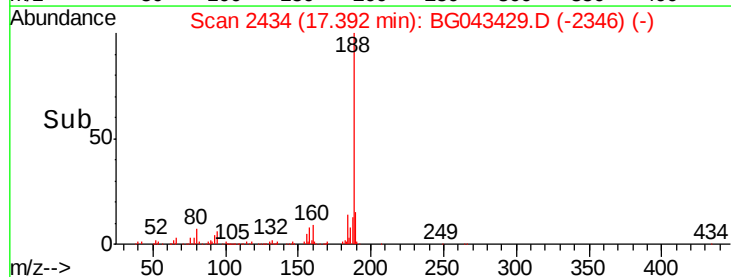
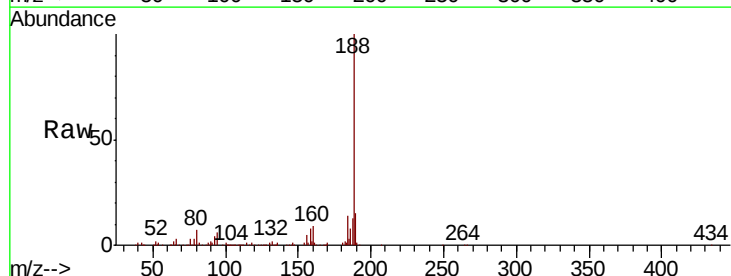
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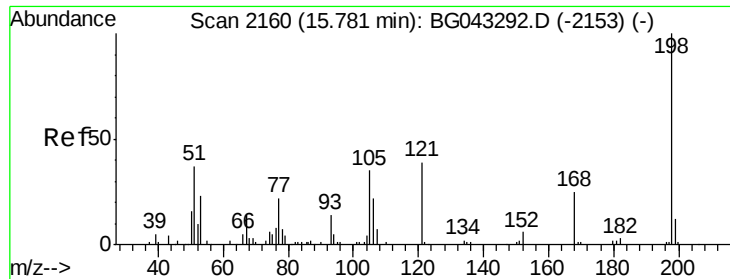
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		265556		
94	5.8	4.2	6.2		
80	7.0	5.2	7.8		





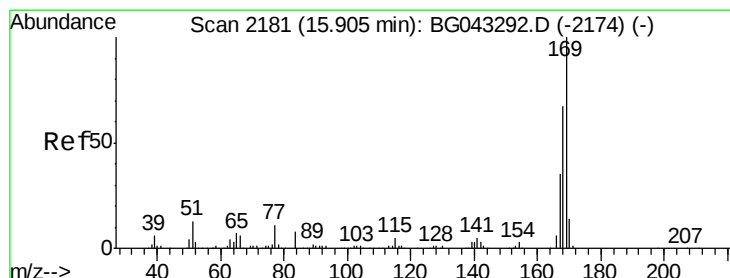
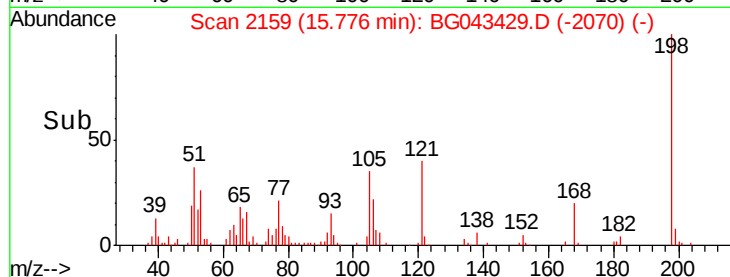
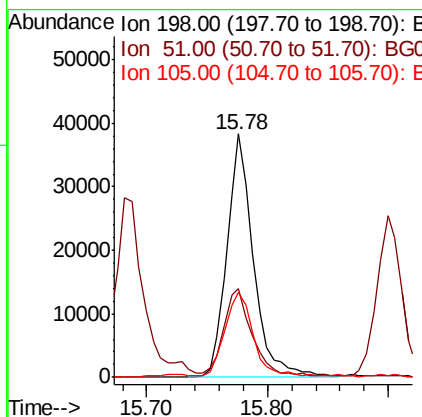
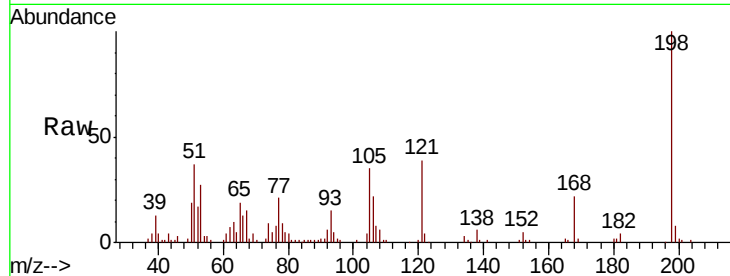
#65
4,6-Dinitro-2-methylphenol
Concen: 37.474 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	58564		
51	36.6	21.4	61.4	
105	35.0	16.5	56.5	

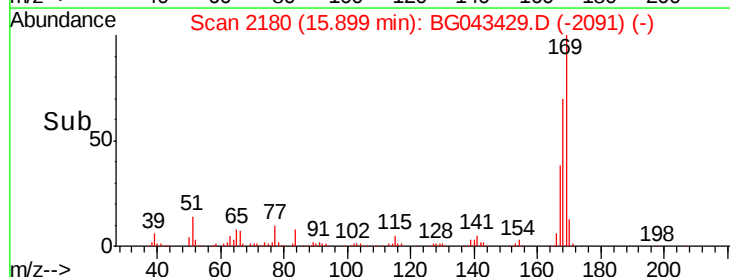
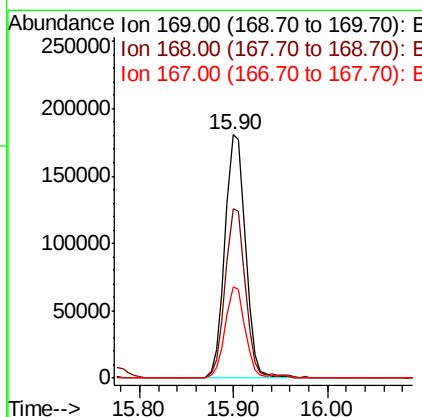
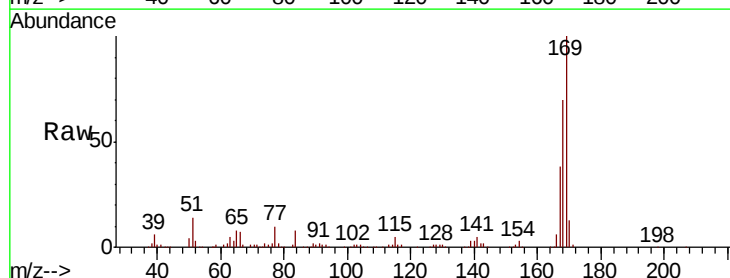
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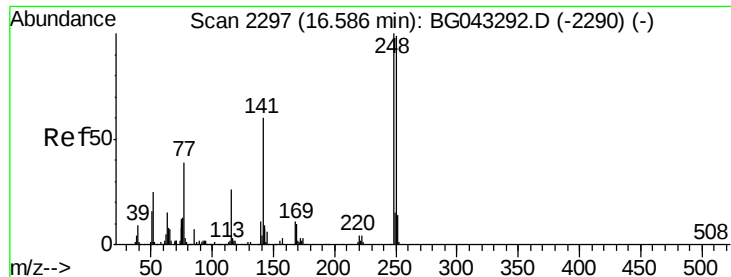
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#66
n-Nitrosodiphenylamine
Concen: 37.102 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	278164		
168	69.7	53.9	80.9	
167	37.5	28.3	42.5	





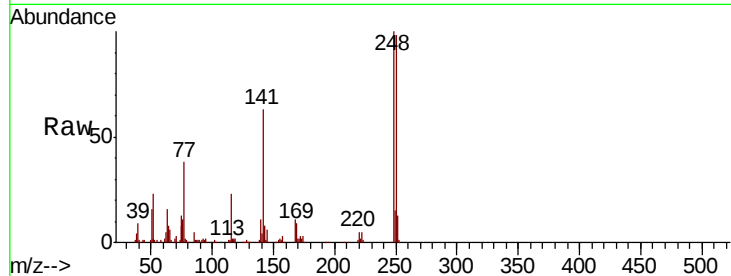
#67
4-Bromophenyl-phenylether
Concen: 34.881 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.3	118.9
141	63.4	47.9	71.9

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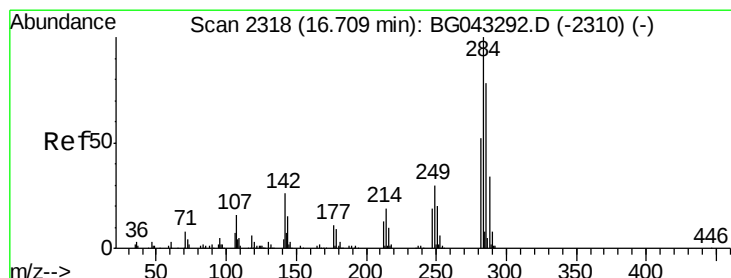
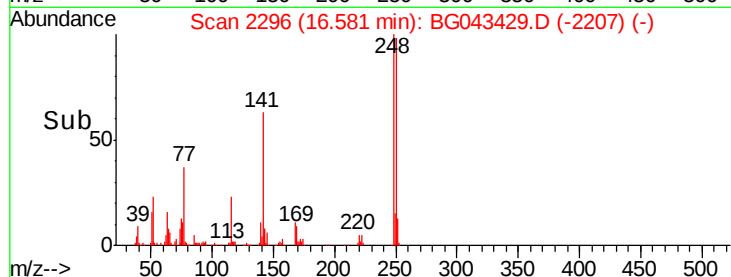
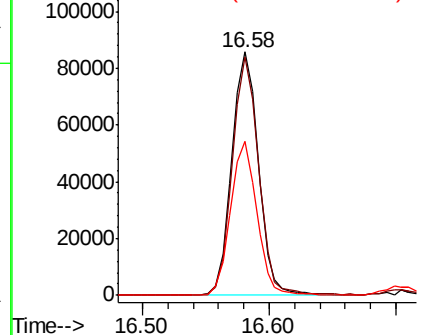


Abundance

Ion 248.00 (247.70 to 248.70): E

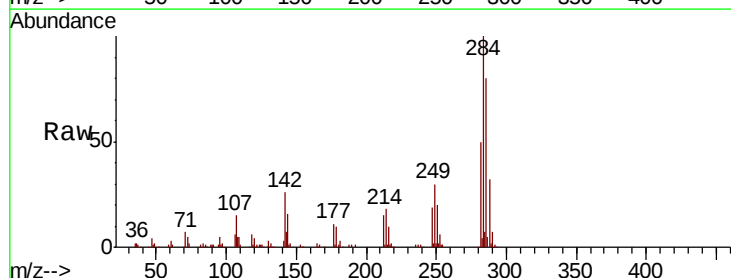
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.342 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.0	21.1	31.7
249	29.7	24.4	36.6

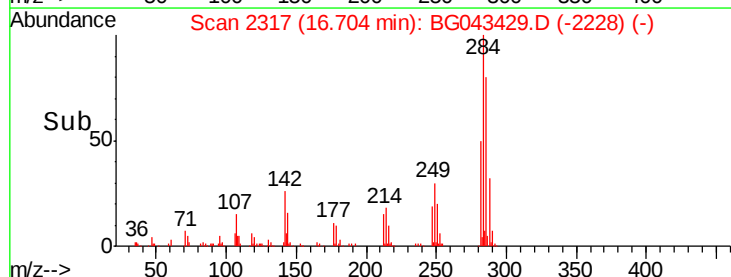
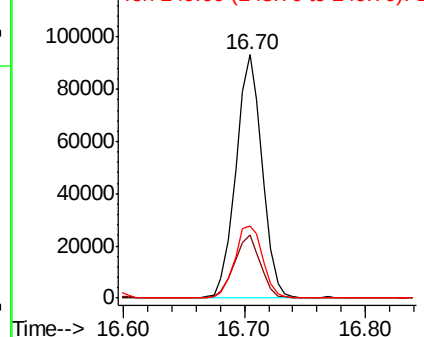


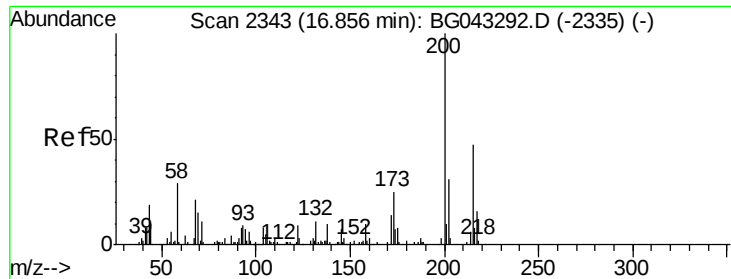
Abundance

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





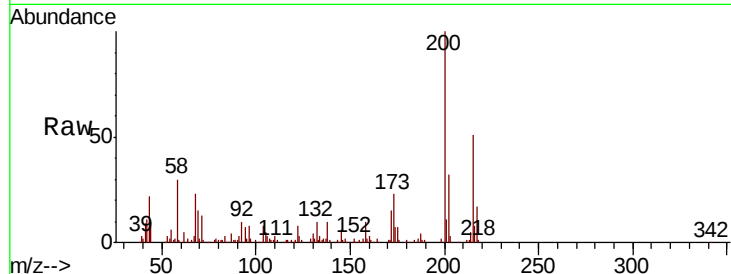
#69
Atrazine
Concen: 45.699 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampled :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.7	5.1	45.1
215	51.0	26.6	66.6

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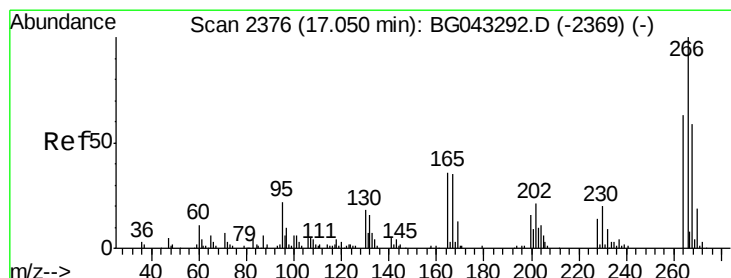
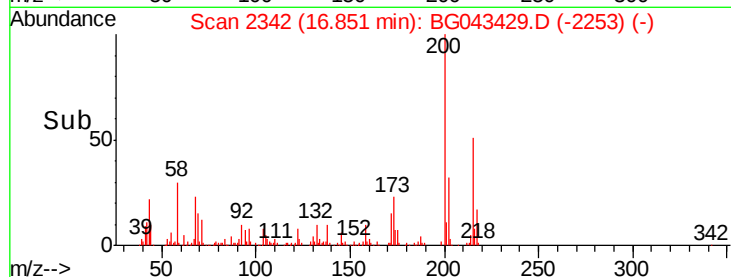
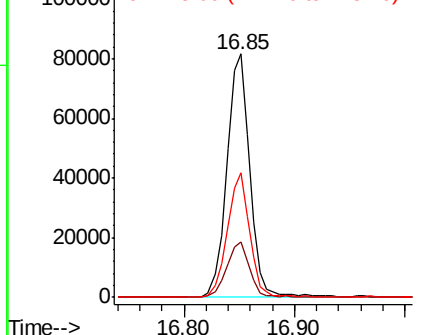


Abundance

Ion 200.00 (199.70 to 200.70): E

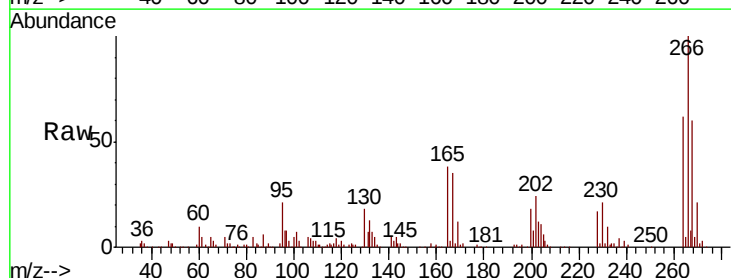
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.616 ng
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.9	47.1	70.7
264	61.6	50.4	75.6

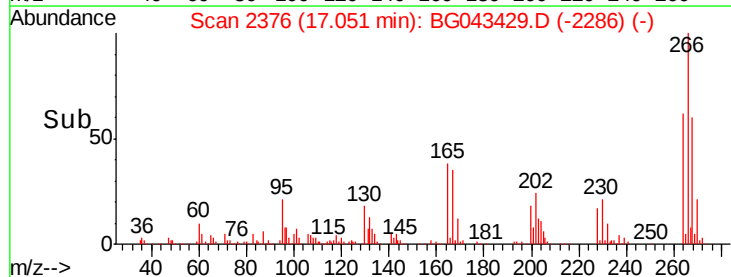
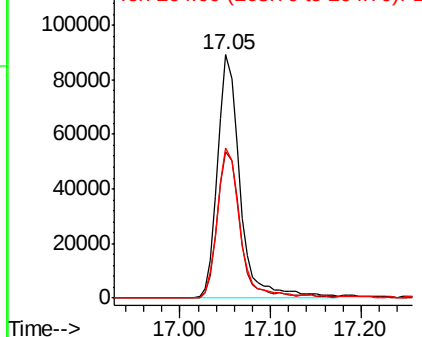


Abundance

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





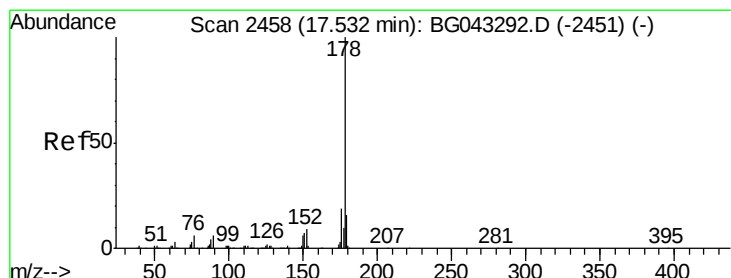
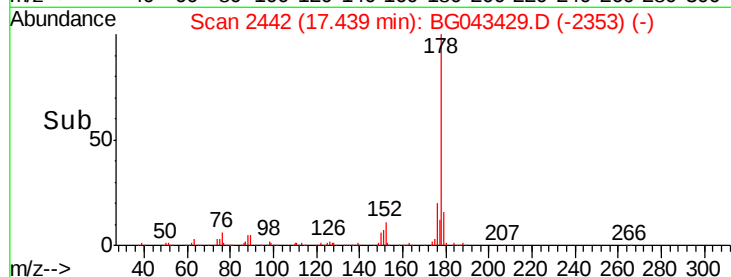
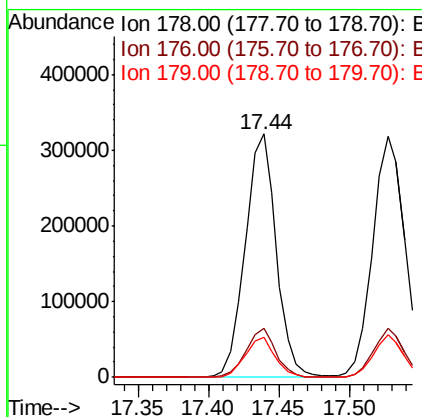
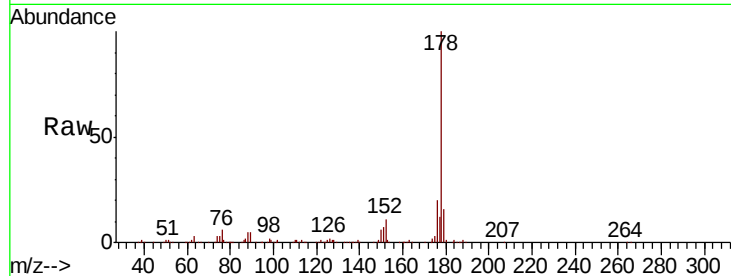
#71
Phenanthrene
Concen: 36.464 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.4	13.1	19.7

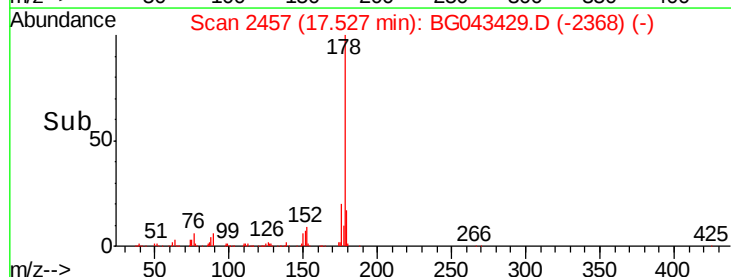
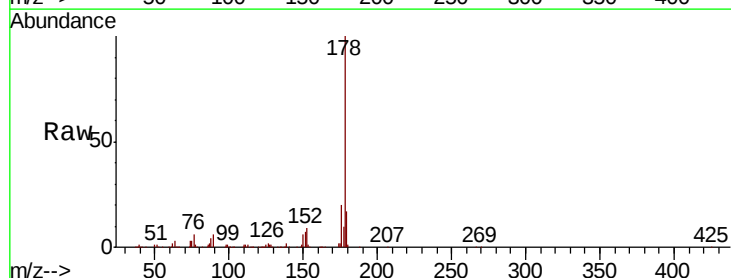
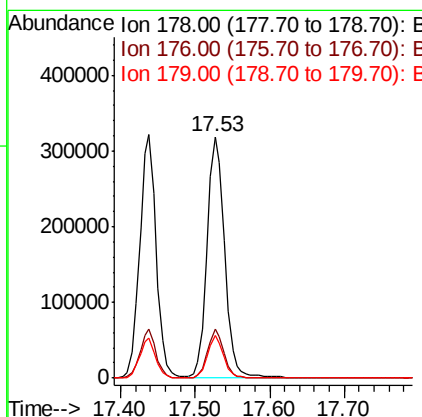
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#72
Anthracene
Concen: 38.261 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.1	22.7
179	17.5	13.0	19.6





#73

Carbazole

Concen: 37.336 ng

RT: 17.80 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

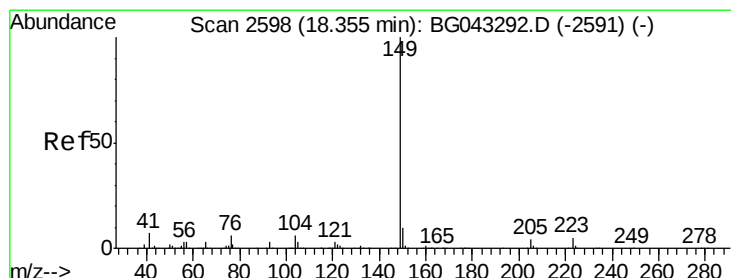
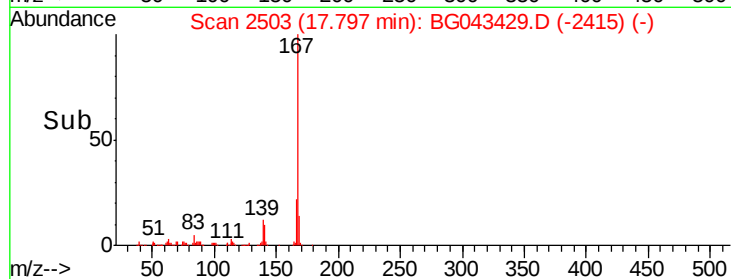
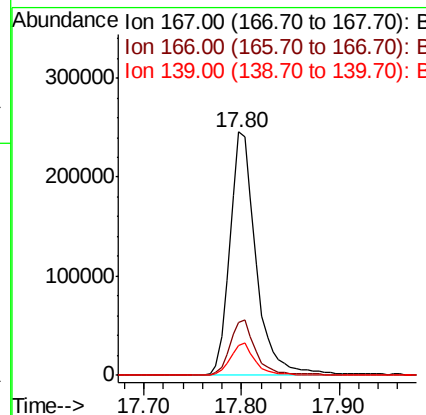
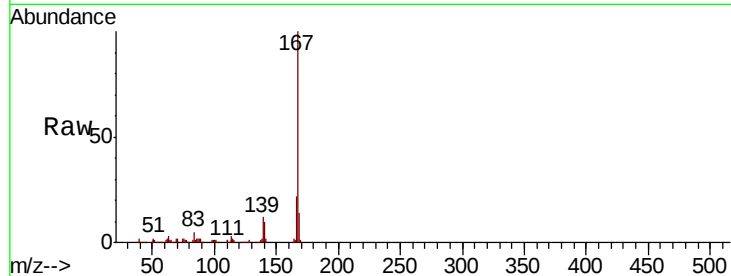
ClientSampleId :

PB124413BSD

Tot Ion:	167	Resp:	460013
Ion Ratio	Lower	Upper	
167	100		
166	21.7	18.4	27.6
139	12.0	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 35.928 ng

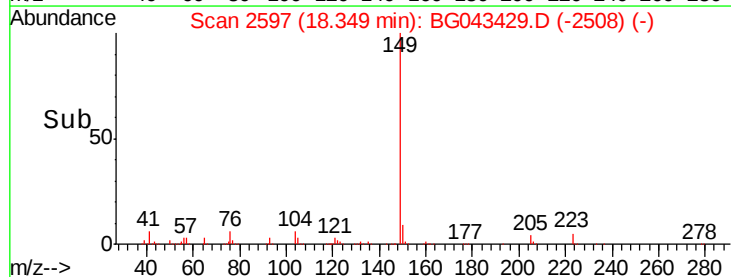
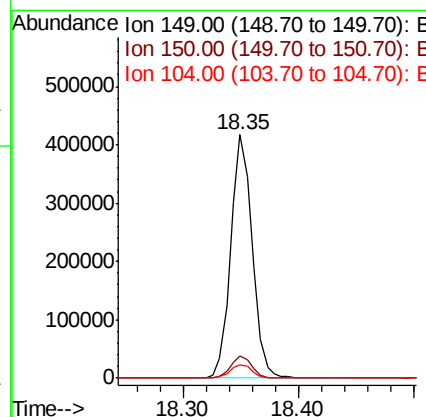
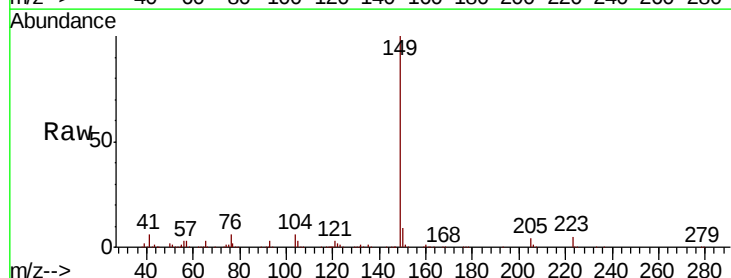
RT: 18.35 min Scan# 2597

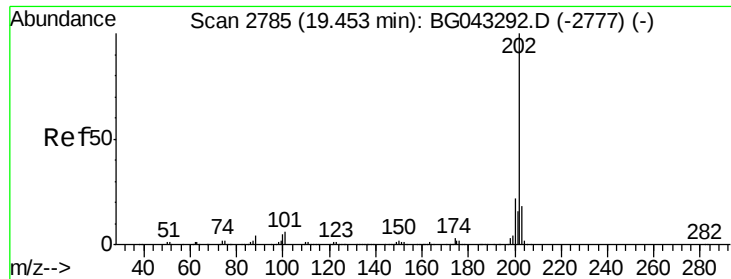
Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	149	Resp:	537109
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.0	12.0
104	5.6	4.7	7.1





#75

Fluoranthene

Concen: 36.808 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

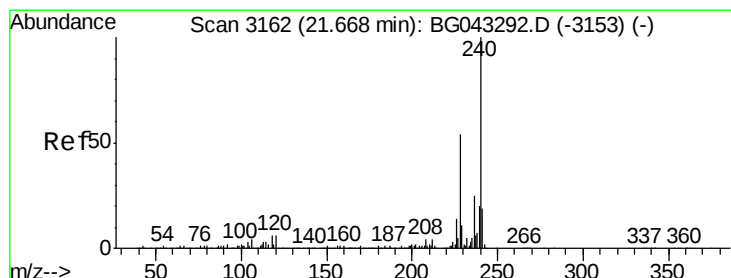
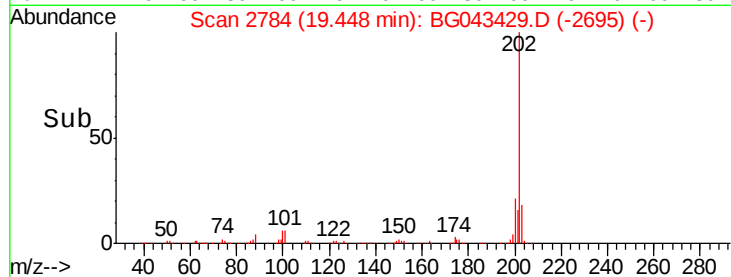
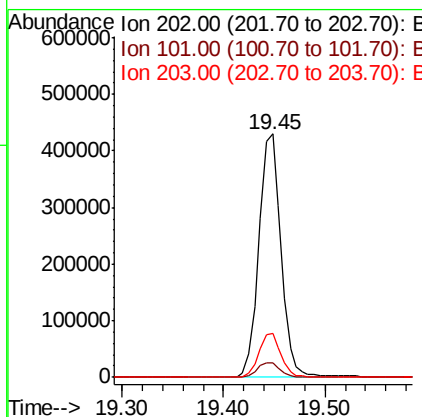
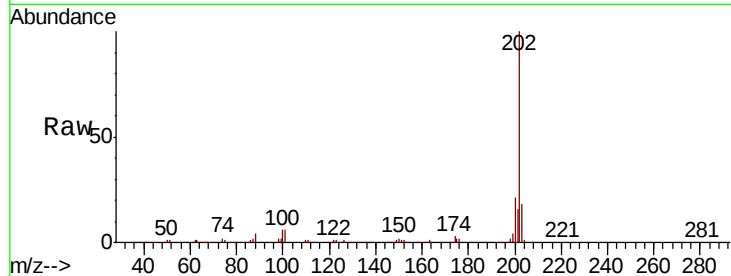
ClientSampleId :

PB124413BSD

Tot Ion:	202	Resp:	652545
Ion Ratio	Lower	Upper	
202	100		
101	6.2	0.0	26.0
203	18.1	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

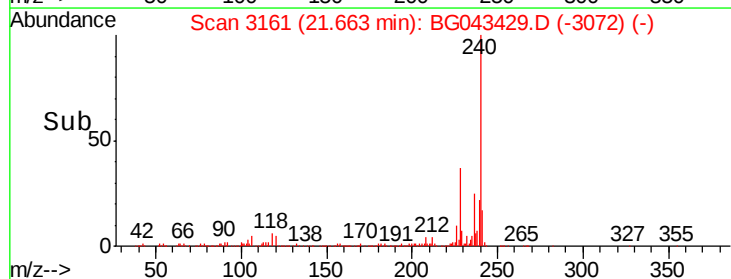
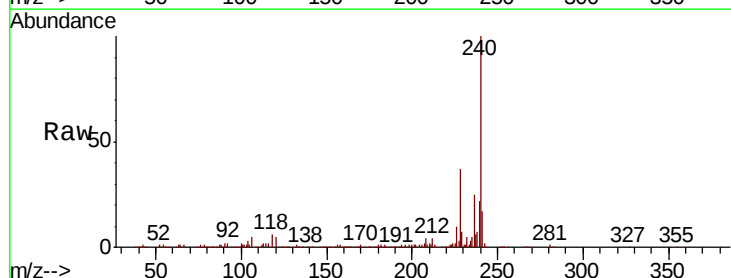
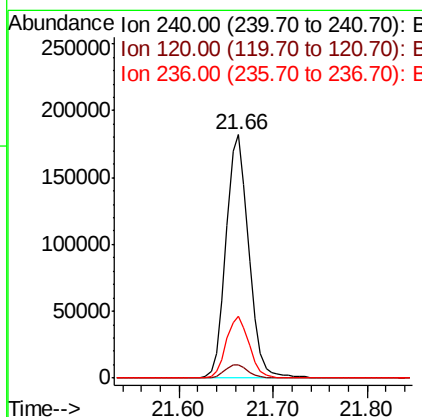
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	240	Resp:	306372
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.6	7.0
236	25.3	20.2	30.4





#77

Benzidine

Concen: 39.222 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

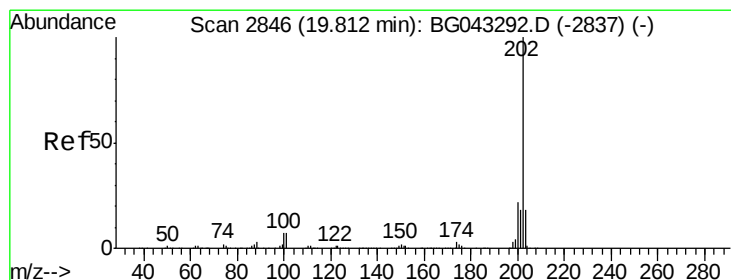
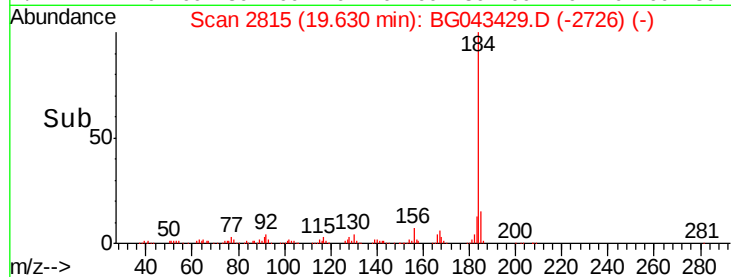
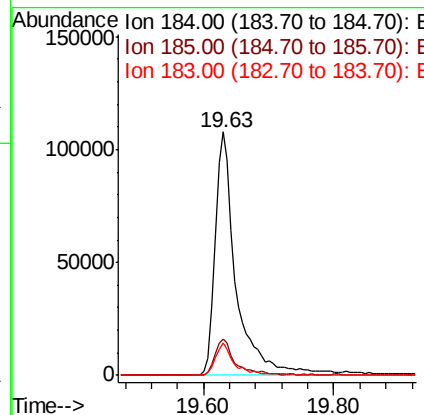
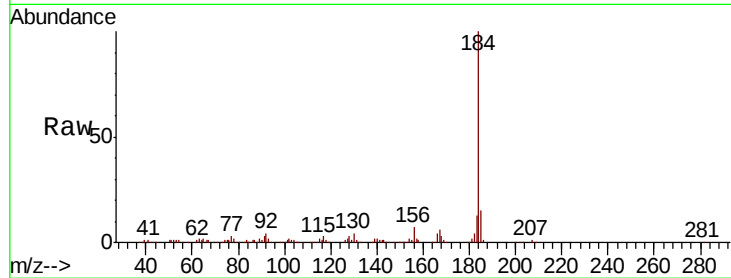
ClientSampleId :

PB124413BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	241838		
185	14.7		11.8	17.6
183	13.4		10.6	16.0

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#78

Pyrene

Concen: 35.147 ng

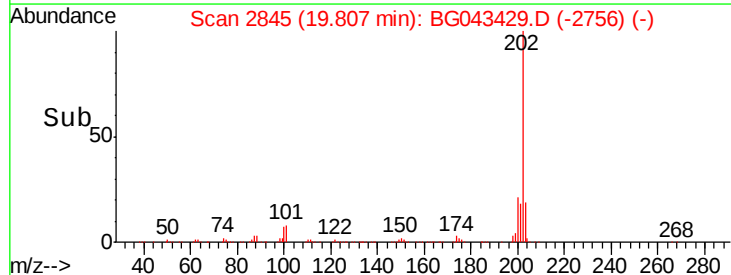
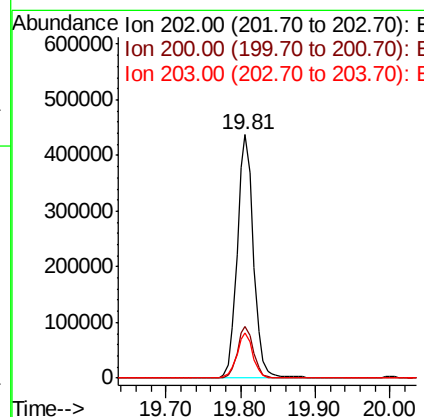
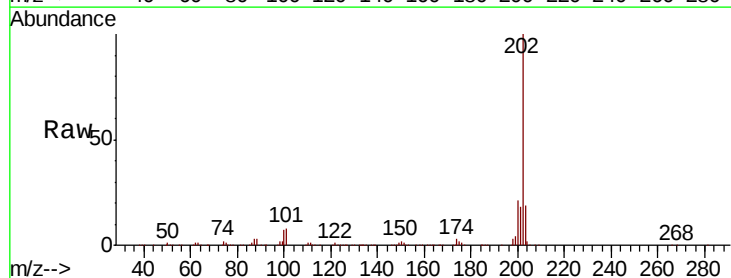
RT: 19.81 min Scan# 2845

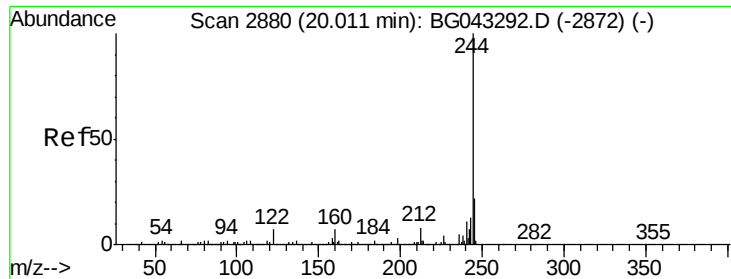
Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	666539		
200	21.1		17.3	25.9
203	18.6		14.5	21.7





#79

Terphenyl-d14

Concen: 53.937 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

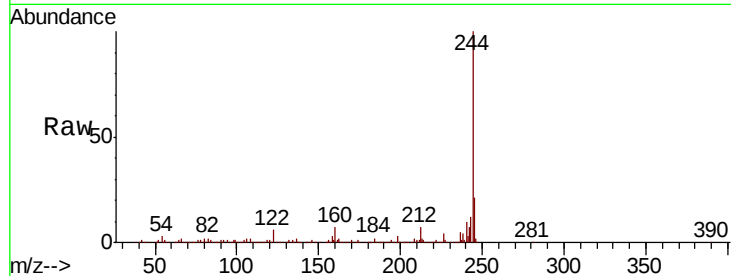
ClientSampleId :

PB124413BSD

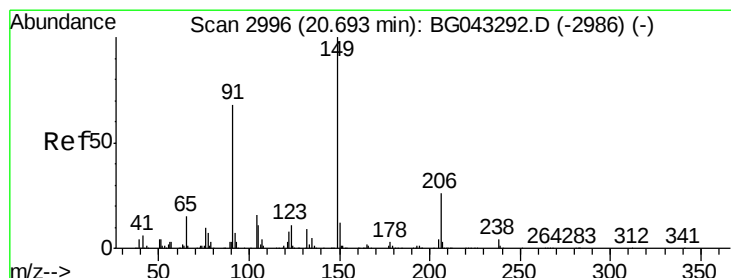
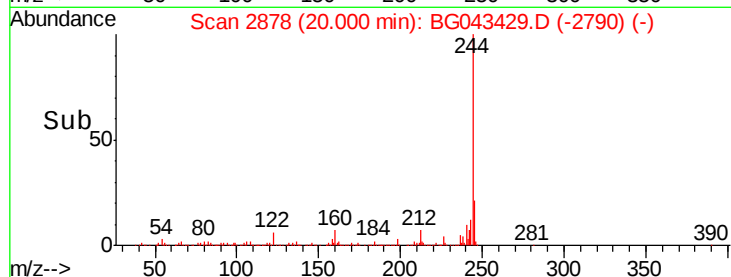
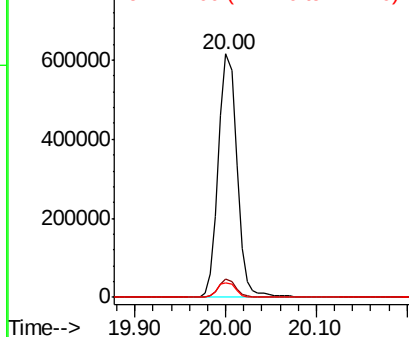
Tot Ion:	244	Resp:	880827
Ion Ratio	Lower	Upper	
244	100		
212	7.3	6.4	9.6
122	6.1	5.3	7.9

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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: 34.744 ng

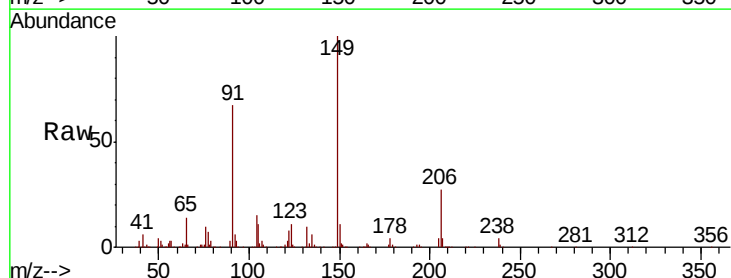
RT: 20.69 min Scan# 2995

Delta R.T. -0.01 min

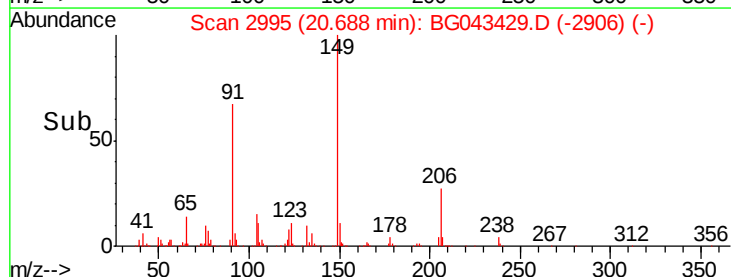
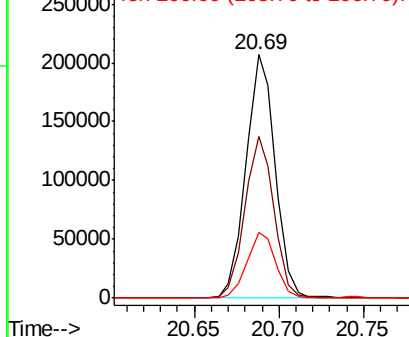
Lab File: BG043429.D

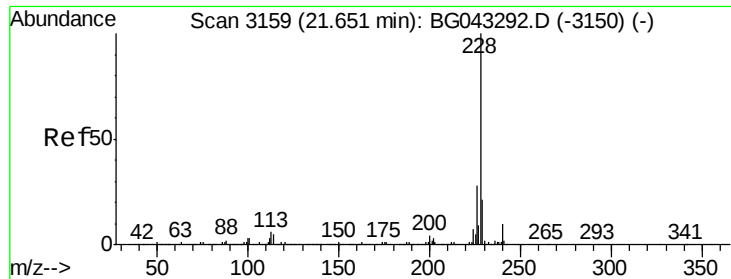
Acq: 31 Oct 2019 10:50

Tgt Ion:	149	Resp:	249626
Ion Ratio	Lower	Upper	
149	100		
91	66.6	54.6	82.0
206	26.9	20.5	30.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





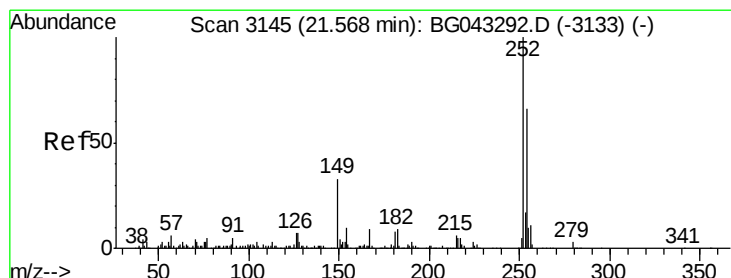
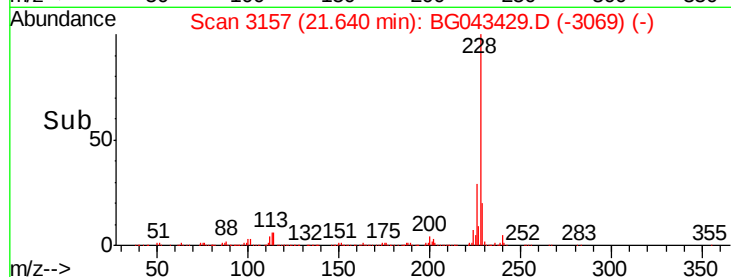
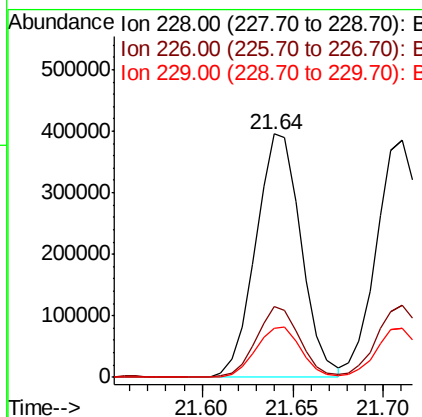
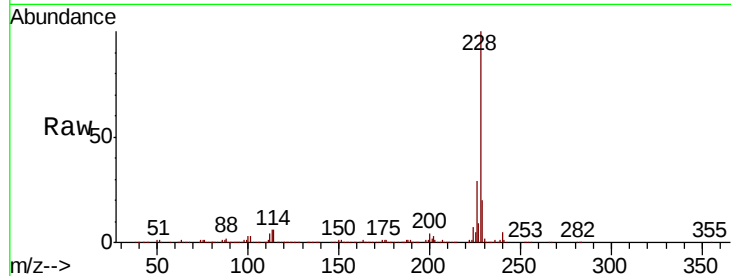
#81
Benzo(a)anthracene
Concen: 35.923 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	20.2	16.9	25.3

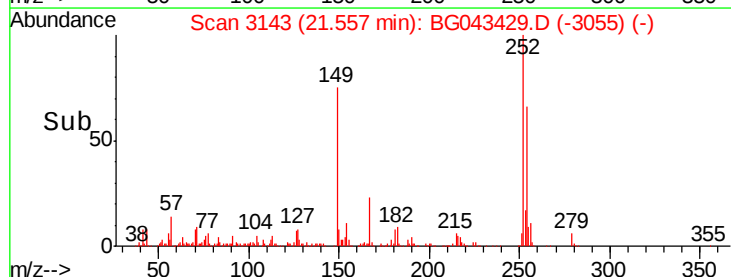
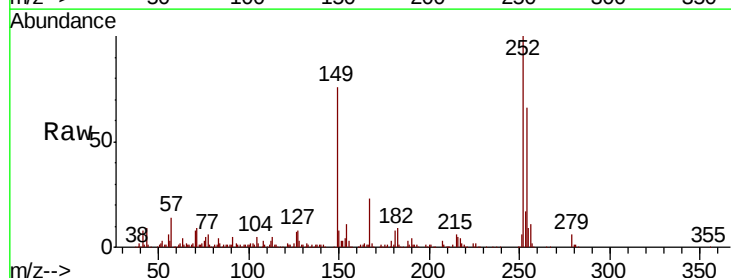
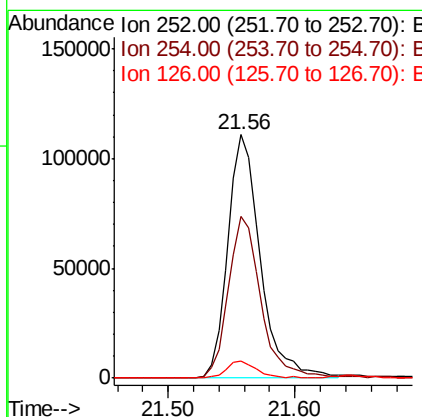
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#82
3,3'-Dichlorobenzidine
Concen: 26.483 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.5	52.7	79.1
126	7.0	5.6	8.4





#83

Chrvsene

Concen: 35.465 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

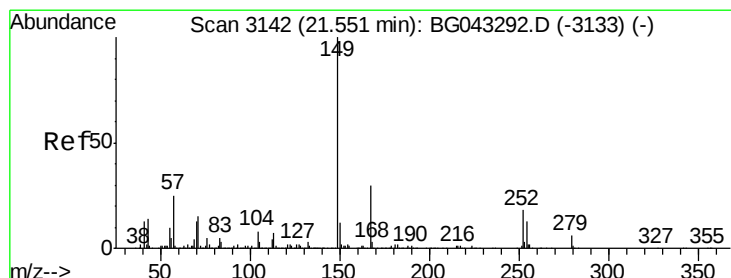
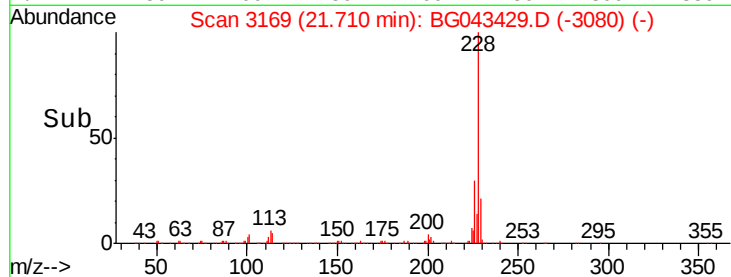
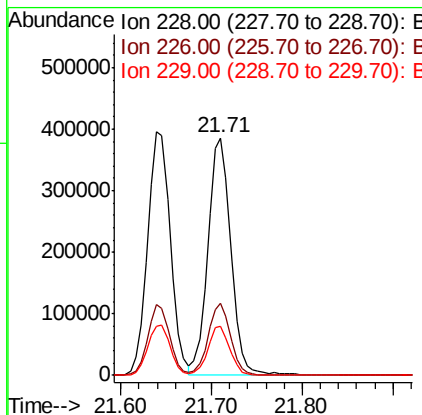
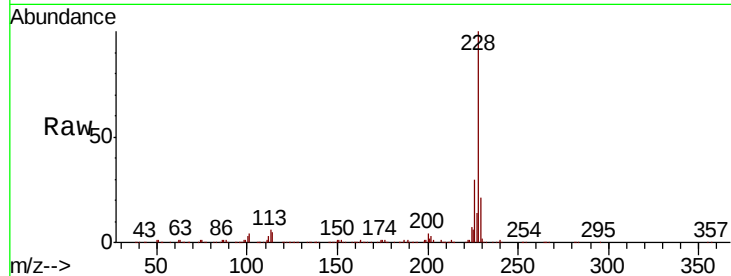
ClientSampleId :

PB124413BSD

Tot Ion:	228	Resp:	676242
Ion Ratio	Lower	Upper	
228	100		
226	30.2	23.8	35.8
229	20.7	16.3	24.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 35.707 ng

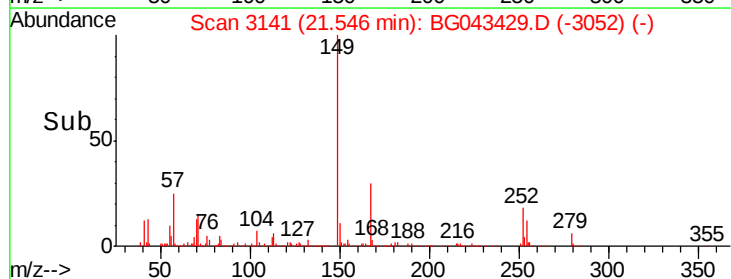
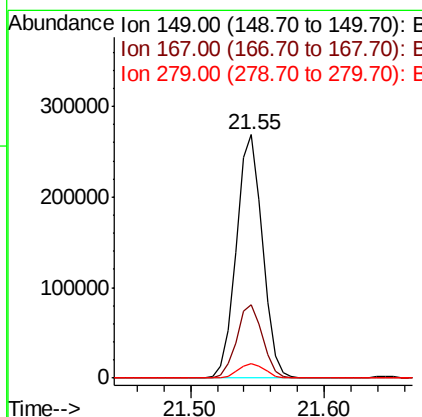
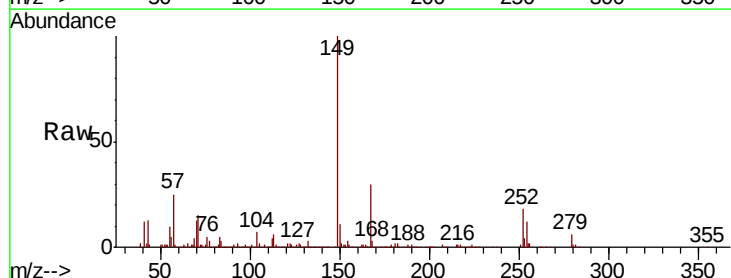
RT: 21.55 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	149	Resp:	364424
Ion Ratio	Lower	Upper	
149	100		
167	30.2	23.9	35.9
279	6.1	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 36.430 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

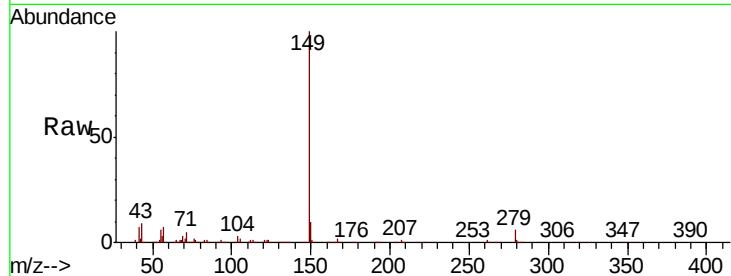
ClientSampleId :

PB124413BSD

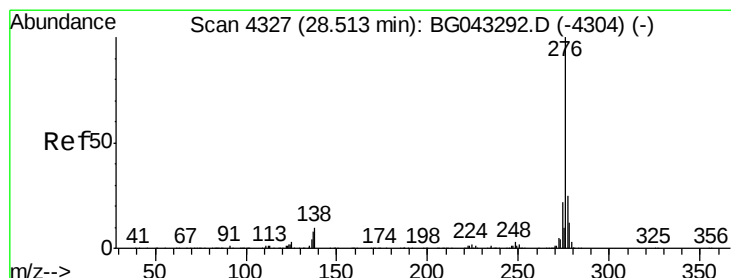
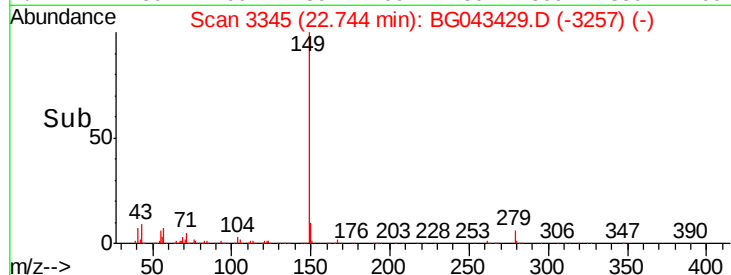
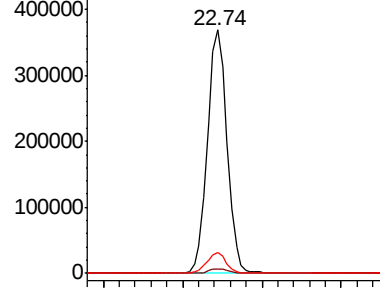
Tot Ion:	149	Resp:	630792
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.3	6.9	10.3

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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: 36.411 ng

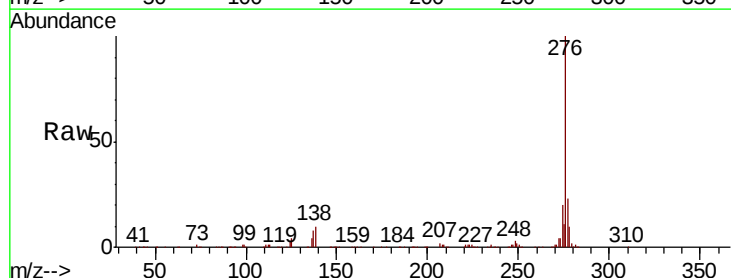
RT: 28.49 min Scan# 4323

Delta R.T. -0.02 min

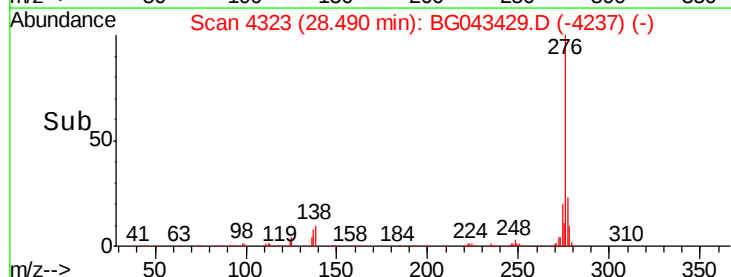
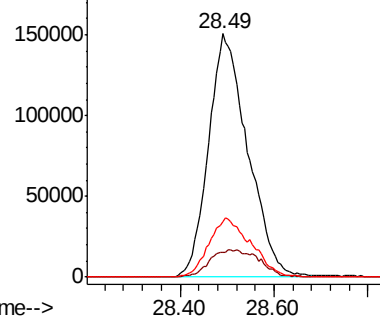
Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	276	Resp:	871484
Ion Ratio	Lower	Upper	
276	100		
138	14.0	7.2	10.8#
277	26.0	20.9	31.3



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: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Instrument :

BNA_G

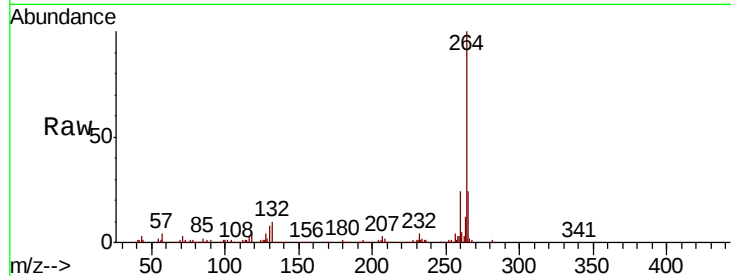
ClientSampleId :

PB124413BSD

Tot Ion:	264	Resp:	353644
Ion Ratio	Lower	Upper	
264	100		
260	24.0	17.9	26.9
265	23.8	17.4	26.2

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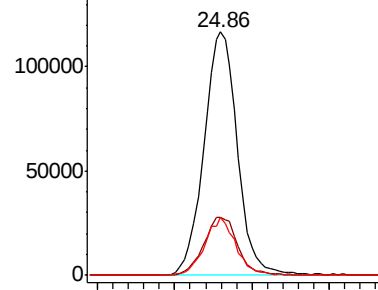


Abundance

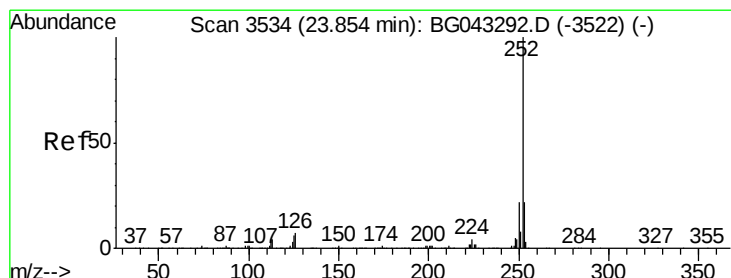
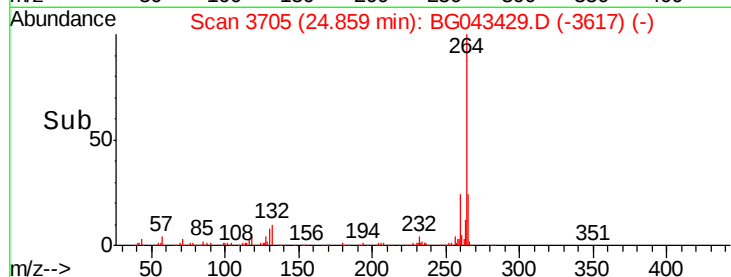
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 36.388 ng

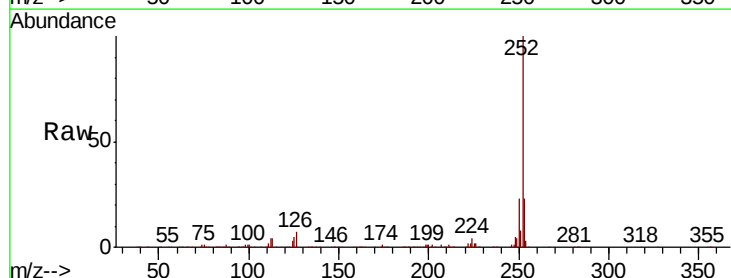
RT: 23.84 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG043429.D

Acq: 31 Oct 2019 10:50

Tgt Ion:	252	Resp:	728829
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	5.5	5.0	7.6

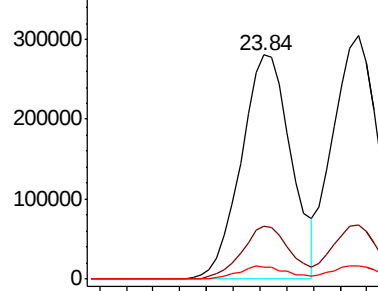


Abundance

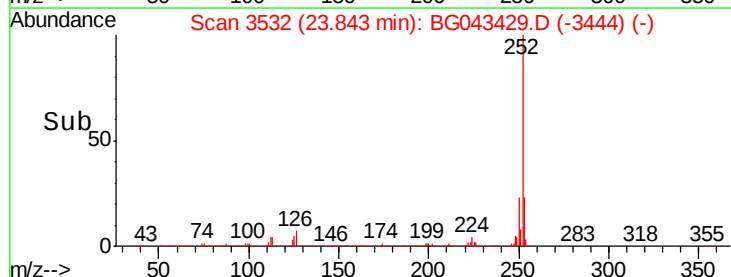
Ion 252.00 (251.70 to 252.70): E

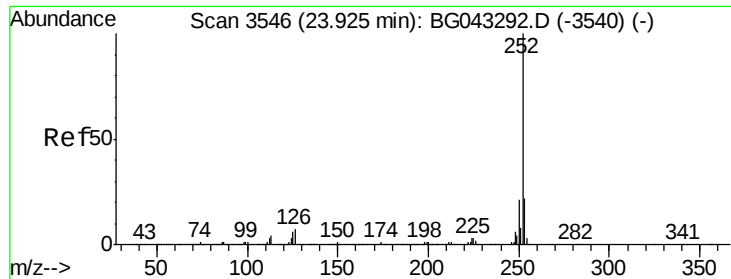
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





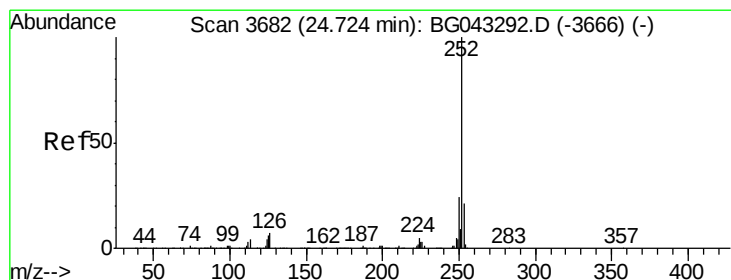
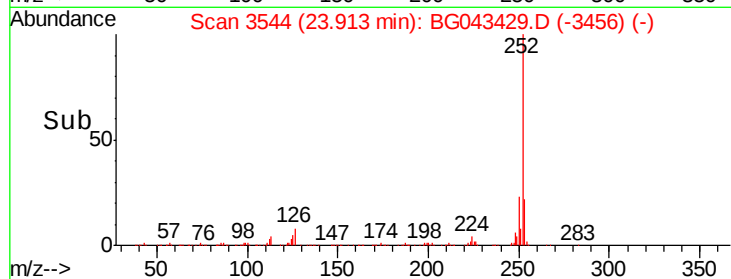
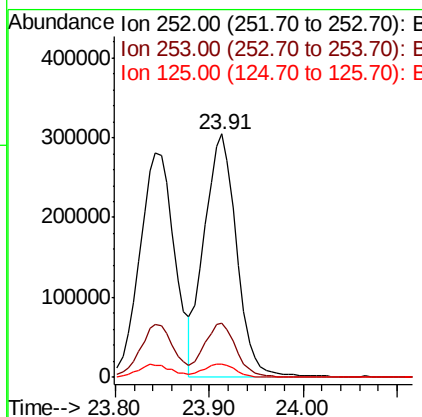
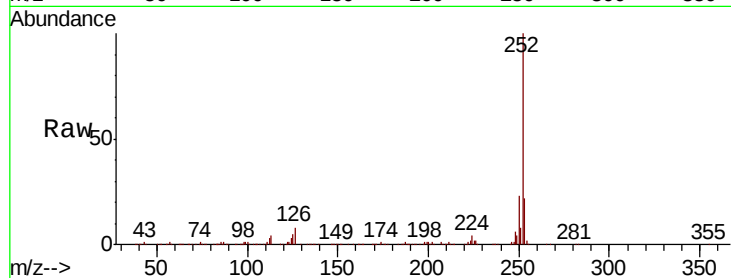
#89
Benzo(k)fluoranthene
Concen: 36.114 ng
RT: 23.91 min Scan# 3544
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampleId :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	5.3	4.5	6.7

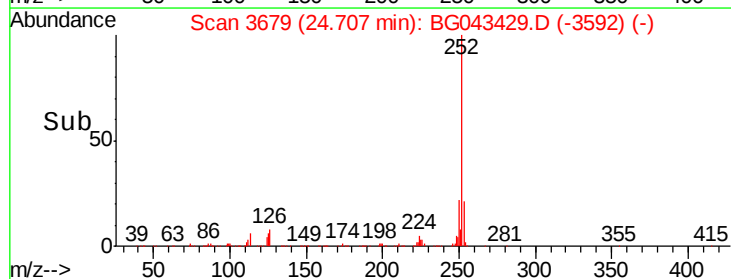
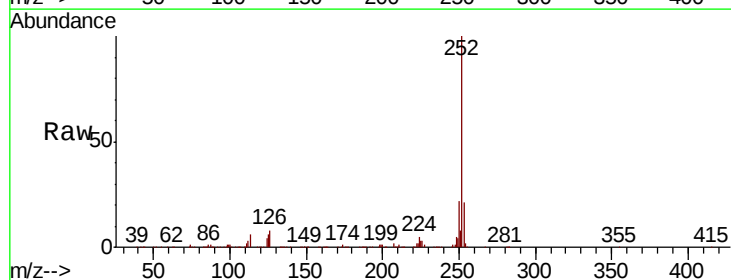
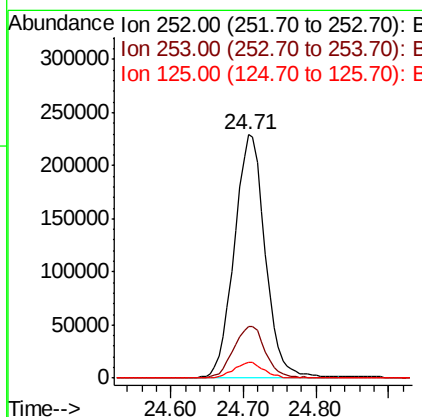
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#90
Benzo(a)pyrene
Concen: 35.383 ng
RT: 24.71 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	6.2	5.0	7.6





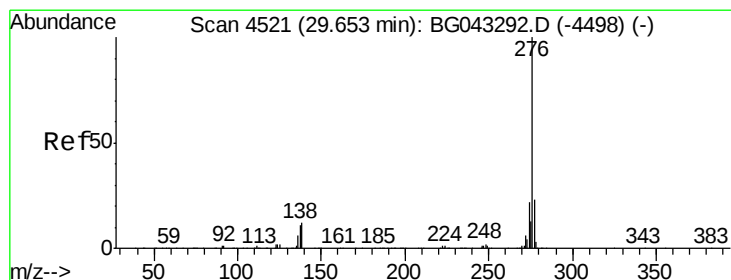
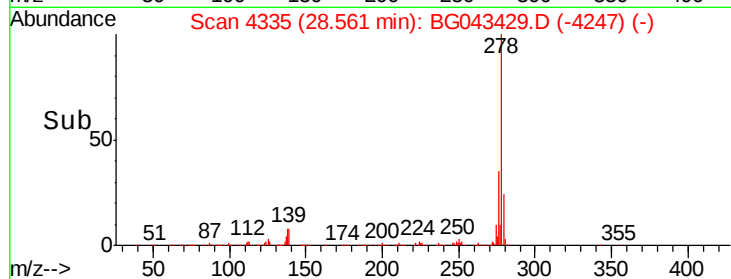
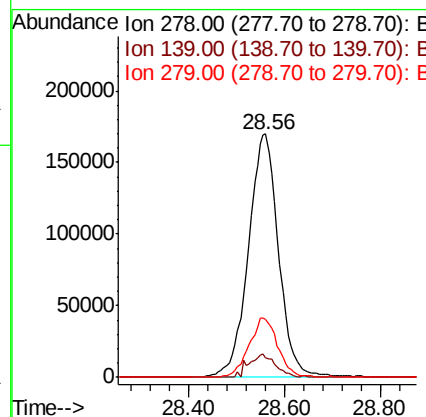
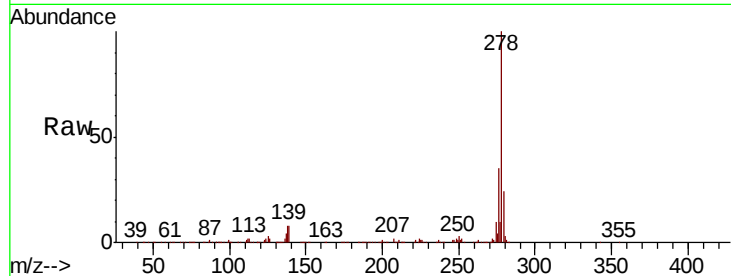
#91
Dibenzo(a,h)anthracene
Concen: 37.890 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Instrument :
BNA_G
ClientSampled :
PB124413BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	6.8	10.2
279	23.7	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 38.081 ng
RT: 29.64 min Scan# 4518
Delta R.T. -0.02 min
Lab File: BG043429.D
Acq: 31 Oct 2019 10:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.3	27.5
138	11.1	9.3	13.9

