

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043327.D
 Acq On : 24 Oct 2019 12:26
 Operator : JU
 Sample : PB124226BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Manual Integrations
 APPROVED

mohammad
 10/25/2019 8:07:26 AM

Quant Time: Oct 24 16:54:14 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	41116	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160066	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117304	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	273165	20.00	ng	0.00
76) Chrysene-d12	21.66	240	301844	20.00	ng	0.00
87) Perylene-d12	24.86	264	346655	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	169495	75.54	ng	0.00
7) Phenol-d6	7.20	99	231772	71.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	214323	69.03	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	151457	67.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	589304	69.42	ng	0.00
79) Terphenyl-d14	20.00	244	1084457	67.40	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	35977	41.146 ng	95
3) Pyridine	3.89	79	78465	35.574 ng	95
4) n-Nitrosodimethylamine	3.80	42	45391	40.783 ng	87
6) Aniline	7.35	93	111053	29.862 ng	97
8) 2-Chlorophenol	7.59	128	108304	43.726 ng	97
9) Benzaldehyde	7.16	77	55992	35.293 ng	93
10) Phenol	7.22	94	133056	45.104 ng	99
11) bis(2-Chloroethyl)ether	7.44	93	89759	39.355 ng	96
12) 1,3-Dichlorobenzene	7.91	146	117926	38.000 ng	98
13) 1,4-Dichlorobenzene	8.06	146	117317	37.365 ng	98
14) 1,2-Dichlorobenzene	8.38	146	114022	37.193 ng	96
15) Benzyl Alcohol	8.26	79	90895	40.091 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	118213	35.645 ng	99
17) 2-Methylphenol	8.48	107	88918	41.347 ng	97
18) Hexachloroethane	9.11	117	42232	37.281 ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	77067	36.944 ng	# 98
20) 3+4-Methylphenols	8.80	107	123635	41.926 ng	91
22) Acetophenone	8.85	105	152334	37.163 ng	97
24) Nitrobenzene	9.23	77	117124	39.600 ng	99
25) Isophorone	9.74	82	214230	37.740 ng	98
26) 2-Nitrophenol	9.94	139	60566	42.416 ng	94
27) 2,4-Dimethylphenol	10.00	122	101855	49.768 ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	120920	38.597 ng	96
29) 2,4-Dichlorophenol	10.49	162	114250	43.570 ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	122946	37.200 ng	98
31) Naphthalene	10.88	128	322295	39.668 ng	98
32) Benzoic acid	10.16	122	50399	35.220 ng	96
33) 4-Chloroaniline	11.00	127	60938	18.297 ng	95
34) Hexachlorobutadiene	11.17	225	87344	35.751 ng	98
35) Caprolactam	11.76	113	37069m	41.046 ng	
36) 4-Chloro-3-methylphenol	12.12	107	121714	42.553 ng	92
37) 2-Methylnaphthalene	12.48	142	245625	39.400 ng	96
38) 1-Methylnaphthalene	12.70	142	231939	39.103 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159434	36.725 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210926	92.492	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	107401	42.009	nq	97
44) 2,4,5-Trichlorophenol	13.17	196	113196	43.795	nq	94
46) 1,1'-Biphenyl	13.49	154	340108	38.112	nq	98
47) 2-Chloronaphthalene	13.53	162	264368	38.936	nq	96
48) 2-Nitroaniline	13.73	65	78774	38.817	nq	94
49) Acenaphthylene	14.37	152	431130	40.798	nq	98
50) Dimethylphthalate	14.10	163	352956	38.846	nq	99
51) 2,6-Dinitrotoluene	14.22	165	80617	40.841	nq	97
52) Acenaphthene	14.72	154	255452	39.639	nq	98
53) 3-Nitroaniline	14.56	138	47480	24.914	nq	99
54) 2,4-Dinitrophenol	14.76	184	85007	69.969	nq	94
55) Dibenzofuran	15.05	168	420253	40.213	nq	100
56) 4-Nitrophenol	14.88	139	115512	90.447	nq	96
57) 2,4-Dinitrotoluene	15.01	165	115602	40.980	nq	99
58) Fluorene	15.70	166	355905	40.605	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	117771	42.887	nq	# 98
60) Diethylphthalate	15.46	149	350137	38.352	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	197865	38.696	nq	96
62) 4-Nitroaniline	15.73	138	75877	38.552	nq	98
63) Azobenzene	15.98	77	297785	40.303	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	65563	40.784	nq	98
66) n-Nitrosodiphenylamine	15.90	169	315275	40.880	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	143538	39.045	nq	98
68) Hexachlorobenzene	16.71	284	157474	37.318	nq	96
69) Atrazine	16.85	200	119147	44.461	nq	94
70) Pentachlorophenol	17.05	266	180602	93.926	nq	97
71) Phenanthrene	17.44	178	562126	40.186	nq	100
72) Anthracene	17.53	178	570477	40.762	nq	100
73) Carbazole	17.80	167	514721	40.613	nq	98
74) Di-n-butylphthalate	18.35	149	591620	38.472	nq	99
75) Fluoranthene	19.45	202	738306	40.486	nq	99
77) Benzidine	19.63	184	279640	46.034	nq	97
78) Pyrene	19.81	202	749432	40.111	nq	99
80) Butylbenzylphthalate	20.69	149	276633	39.081	nq	97
81) Benzo(a)anthracene	21.64	228	752221	39.785	nq	96
82) 3,3'-Dichlorobenzidine	21.56	252	217398	29.728	nq	99
83) Chrysene	21.71	228	744787	39.646	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	400204	39.801	nq	98
85) Di-n-octyl phthalate	22.75	149	687457	40.298	nq	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	942918	39.986	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	795260	40.505	nq	98
89) Benzo(k)fluoranthene	23.92	252	803369	40.646	nq	100
90) Benzo(a)pyrene	24.71	252	790106	42.142	nq	96
91) Dibenzo(a,h)anthracene	28.56	278	794847	41.448	nq	98
92) Benzo(g,h,i)perylene	29.65	276	783715	41.431	nq	99

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

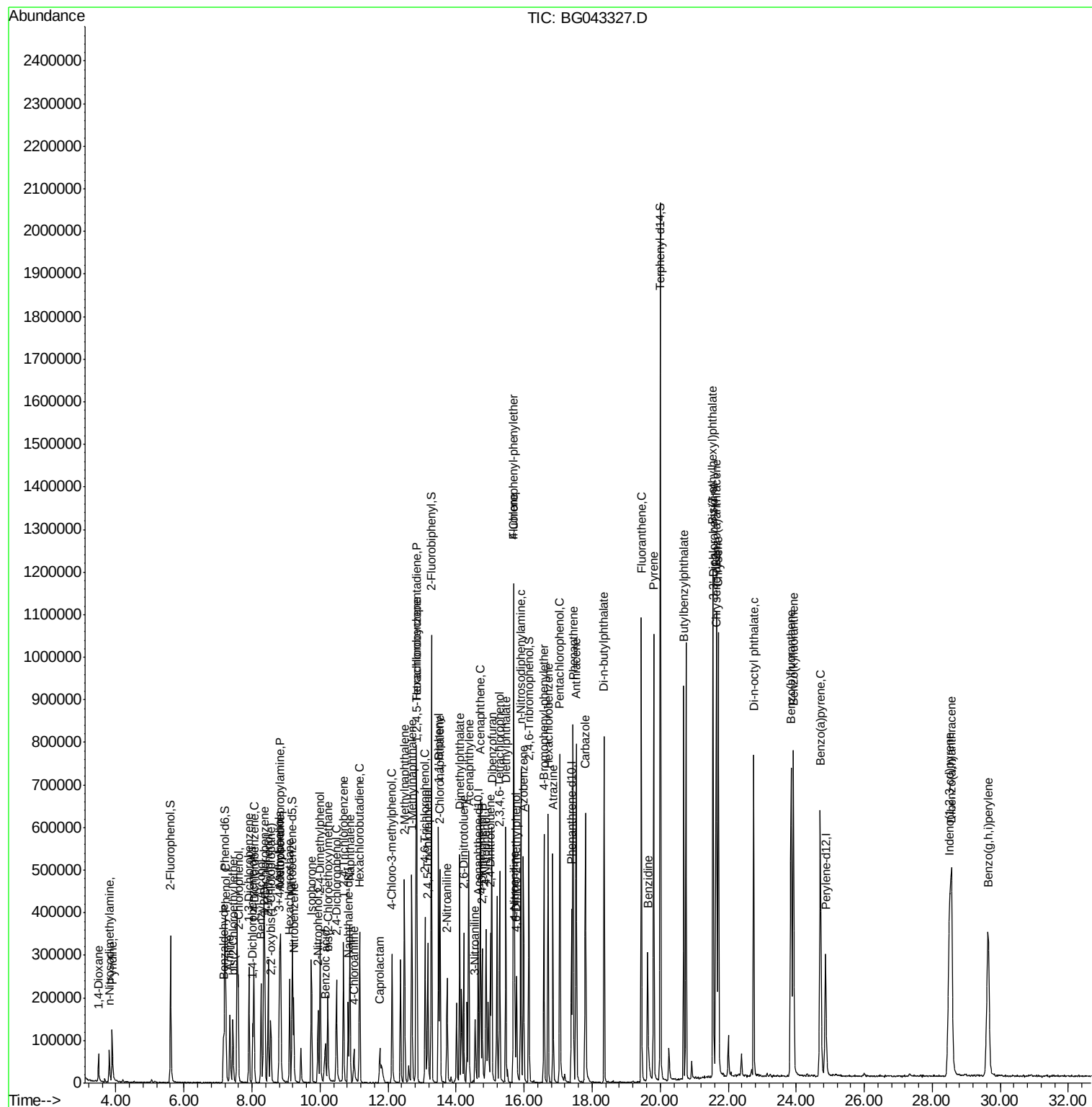
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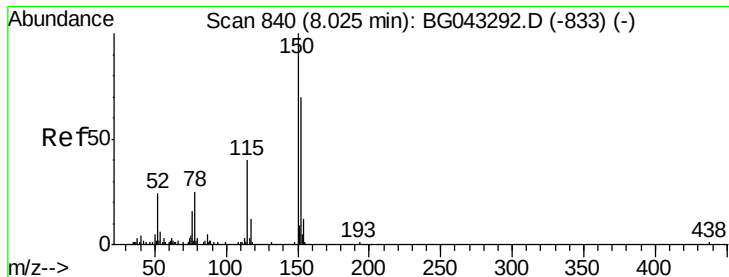
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

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#1

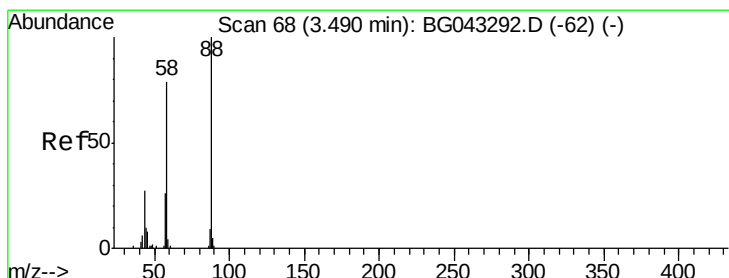
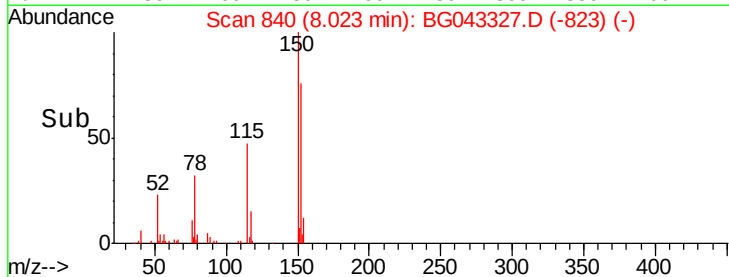
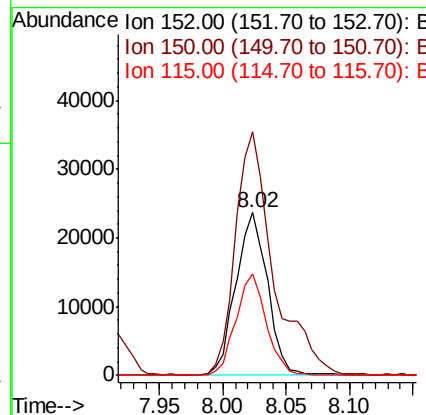
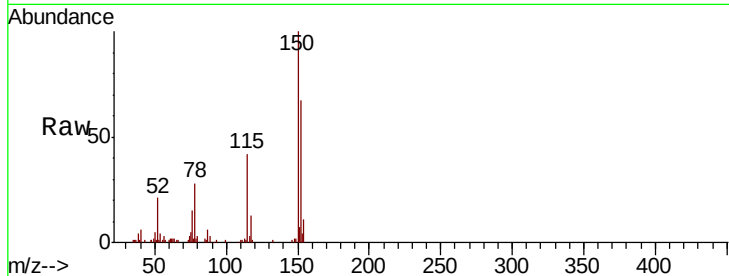
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	113.6	170.4
115	62.5	45.9	68.9

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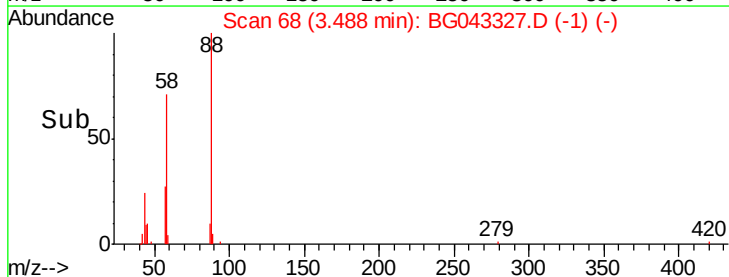
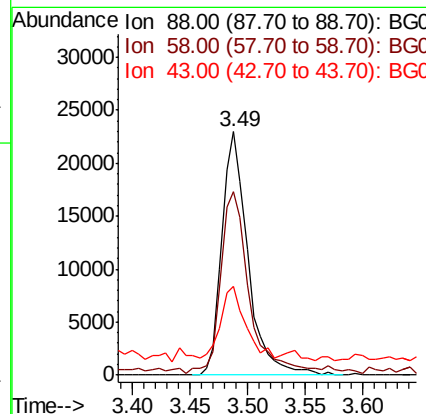
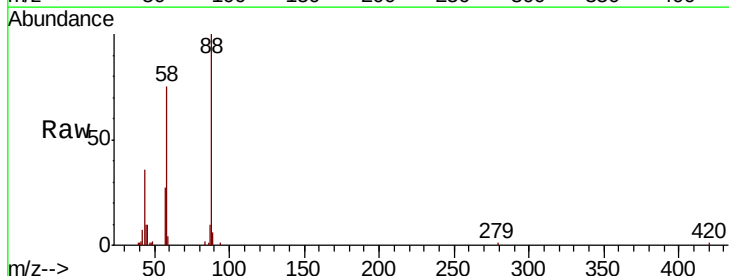
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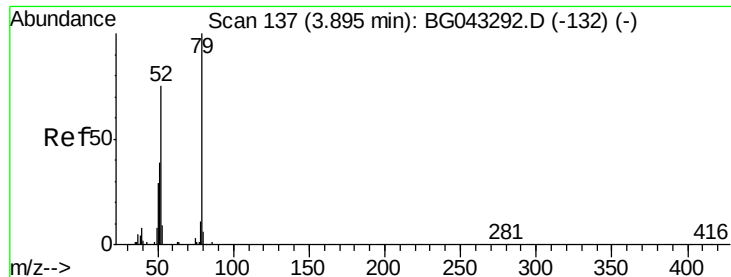


#2

1,4-Dioxane
Concen: 41.146 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	60.2	90.2
43	29.0	22.7	34.1





#3

Pvridine

Concen: 35.574 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

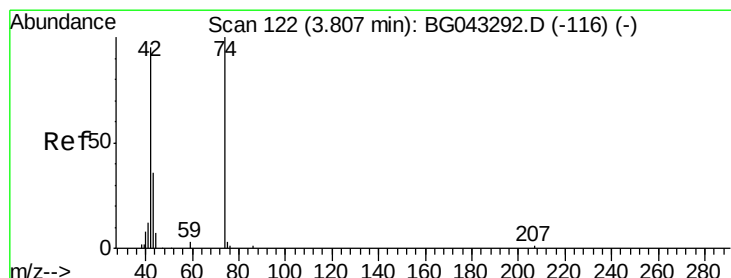
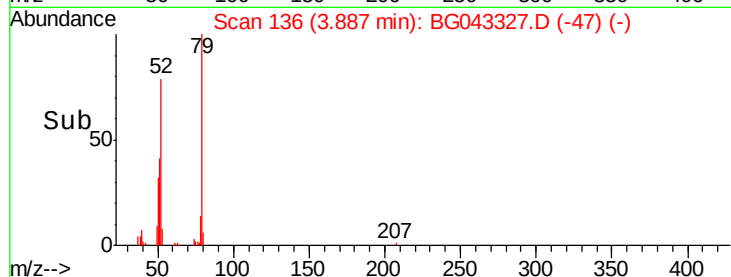
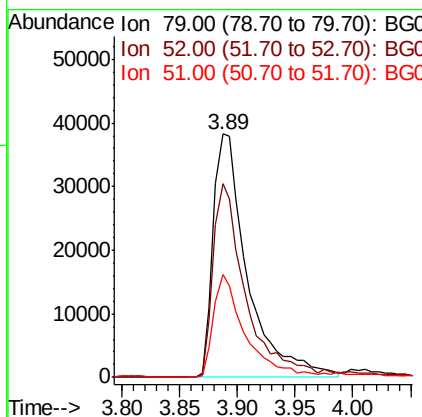
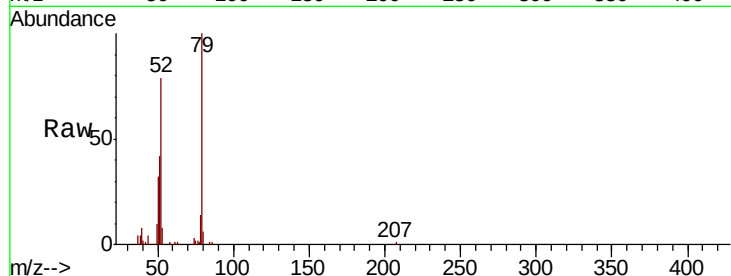
ClientSampleId :

PB124226BSD

Tot Ion:	79	Resp:	78465
Ion Ratio	Lower	Upper	
79	100		
52	79.4	59.7	89.5
51	42.2	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 40.783 ng

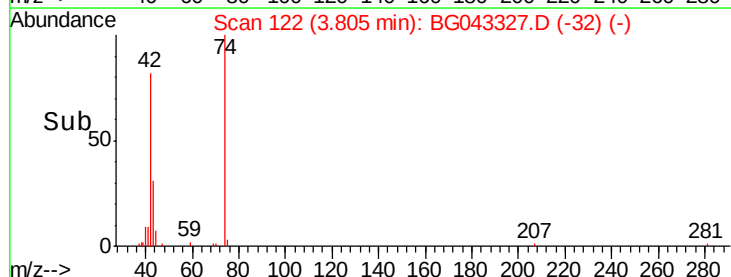
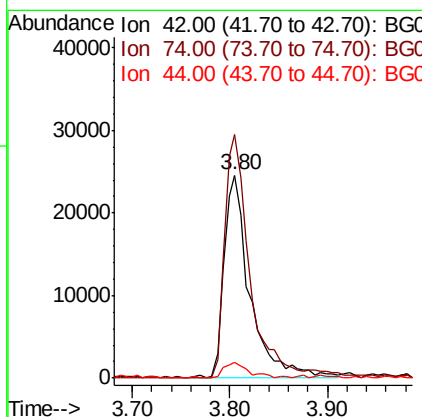
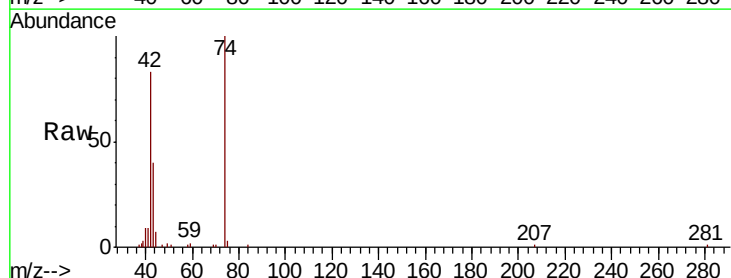
RT: 3.80 min Scan# 122

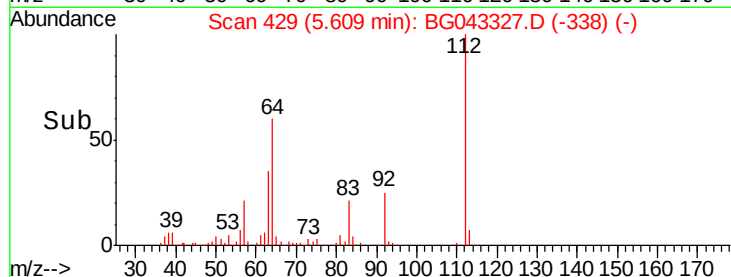
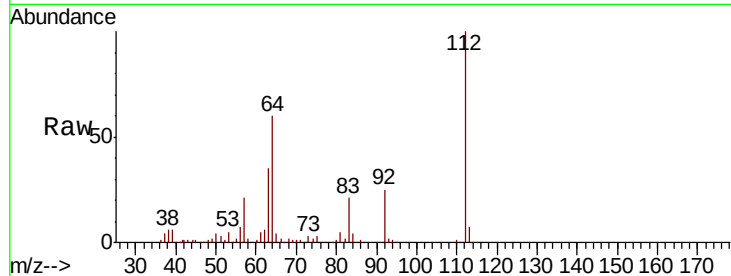
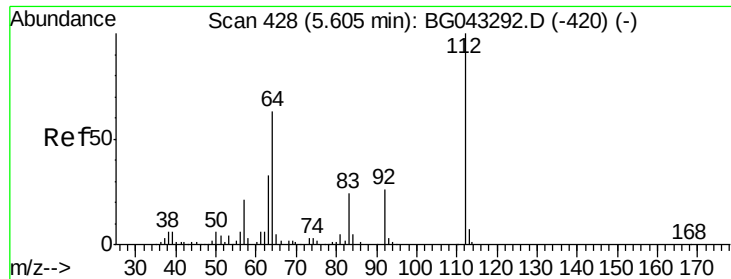
Delta R.T. -0.00 min

Lab File: BG043327.D

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Tgt Ion:	42	Resp:	45391
Ion Ratio	Lower	Upper	
42	100		
74	119.9	84.2	126.2
44	7.9	6.0	9.0





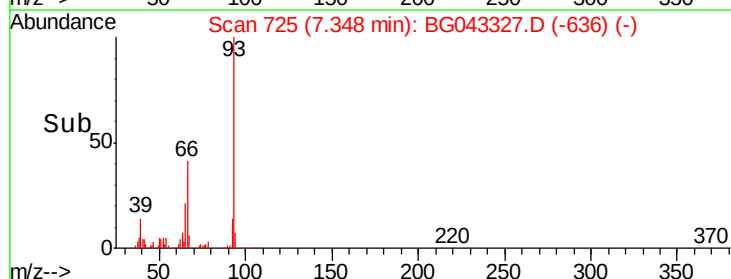
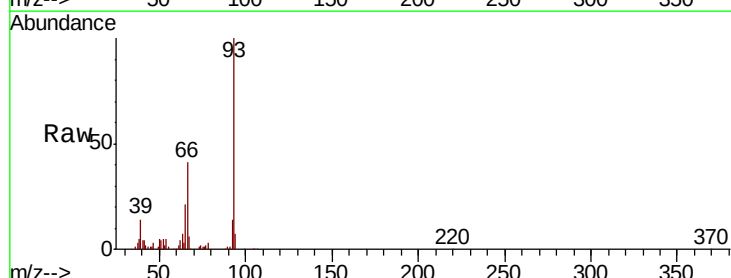
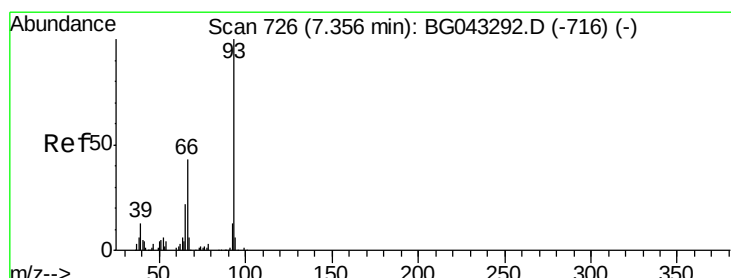
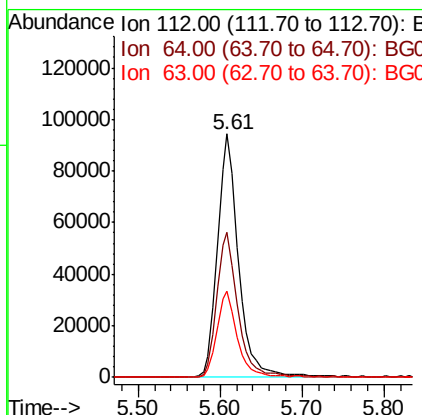
#5
2-Fluorophenol
Concen: 75.540 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tot Ion	Ratio	Resp	Lower	Upper
112	100	169495		
64	59.8		50.2	75.2
63	35.3		26.7	40.1

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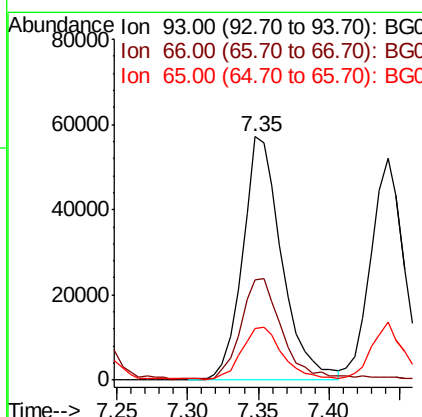
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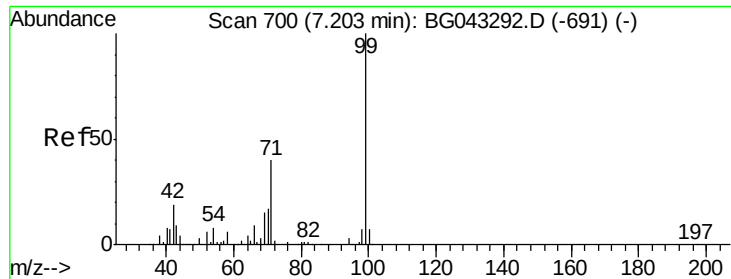
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#6
Aniline
Concen: 29.862 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	111053		
66	41.3		34.5	51.7
65	21.0		18.0	27.0





#7

Phenol-d6

Concen: 71.795 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

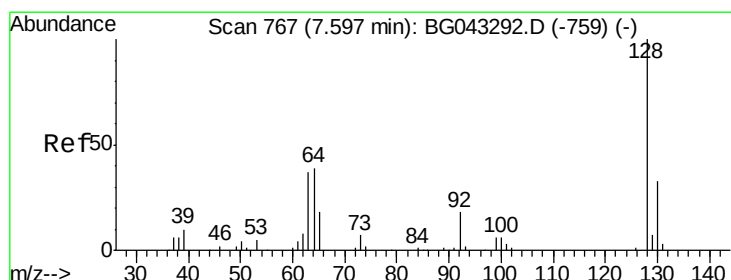
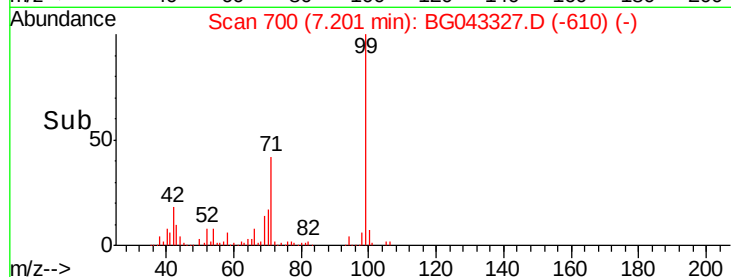
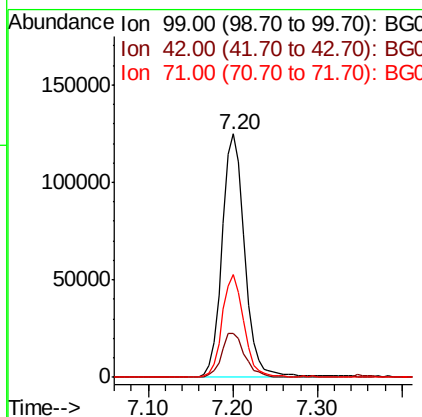
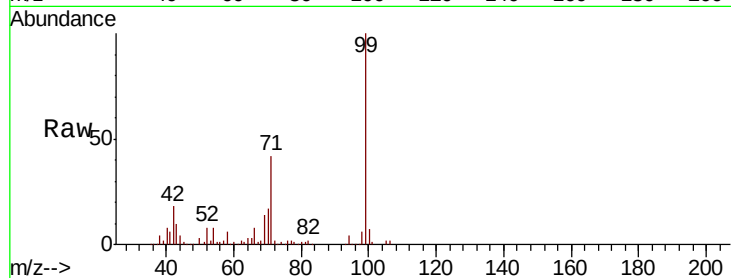
ClientSampleId :

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Tot Ion:	99	Resp:	231772
Ion Ratio	Lower	Upper	
99	100		
42	18.2	14.9	22.3
71	42.2	32.2	48.2

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#8

2-Chlorophenol

Concen: 43.726 ng

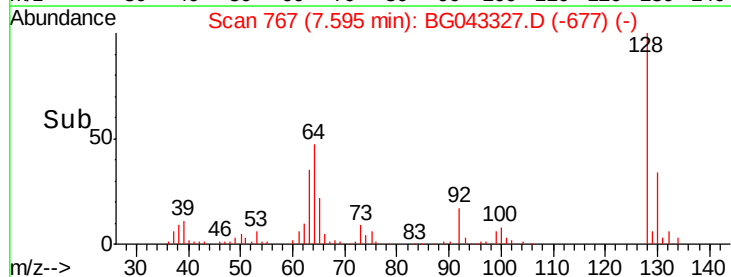
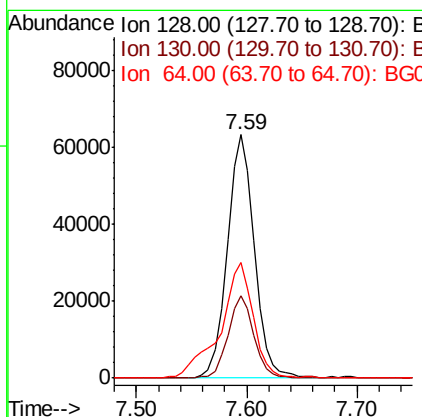
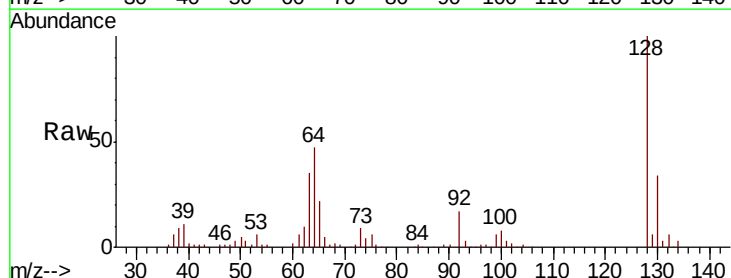
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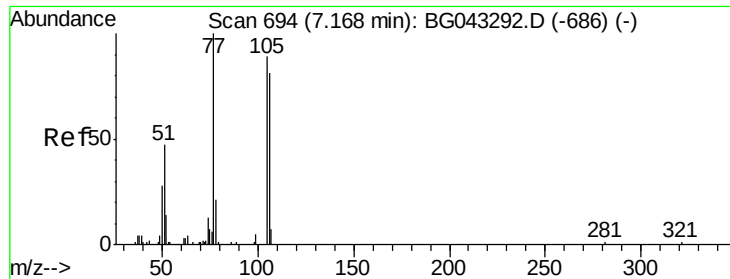
Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:	128	Resp:	108304
Ion Ratio	Lower	Upper	
128	100		
130	33.8	12.9	52.9
64	47.5	24.9	64.9





#9

Benzaldehyde

Concen: 35.293 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

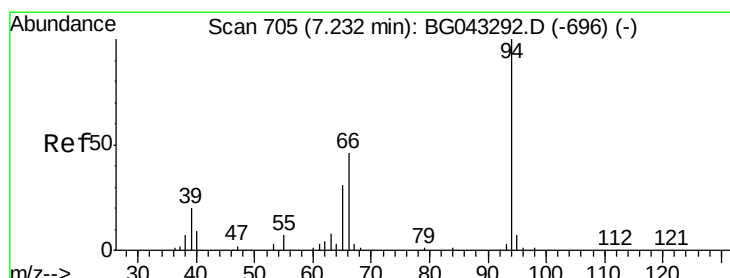
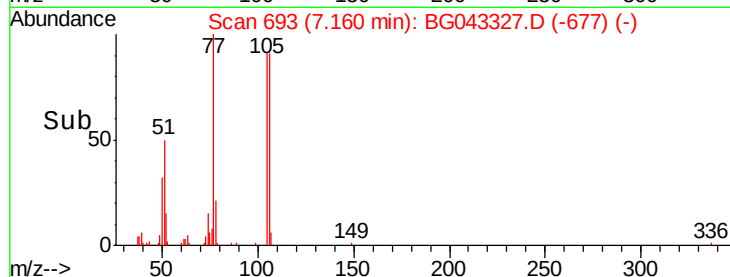
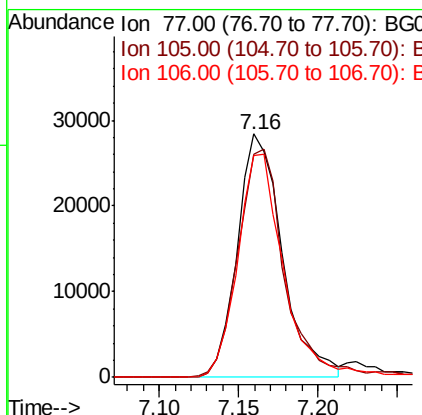
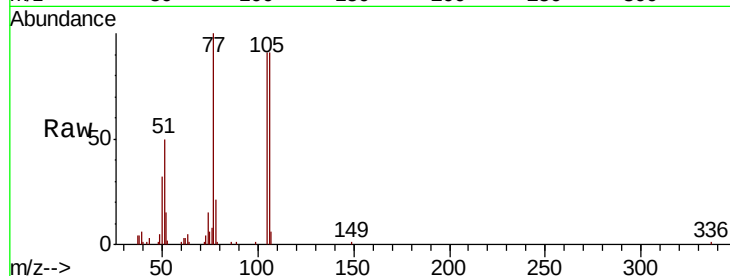
ClientSampleId :

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Tot Ion:	77	Resp:	55992
Ion	Ratio	Lower	Upper
77	100		
105	91.4	68.7	108.7
106	91.0	60.5	100.5

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#10

Phenol

Concen: 45.104 ng

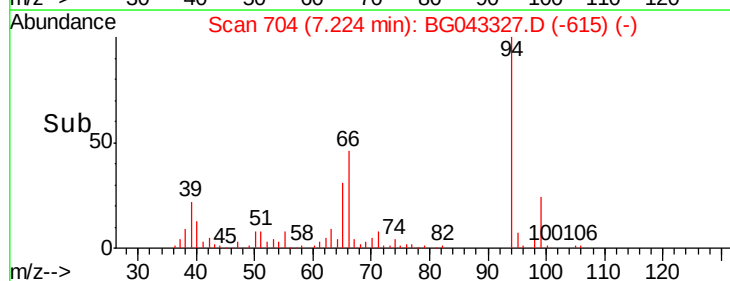
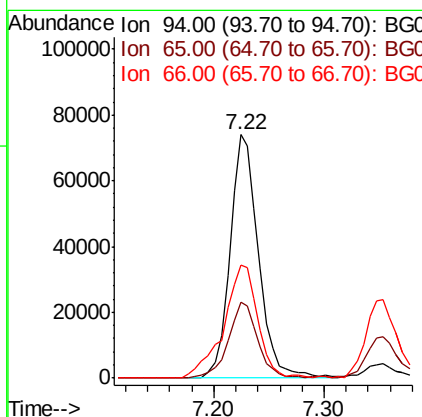
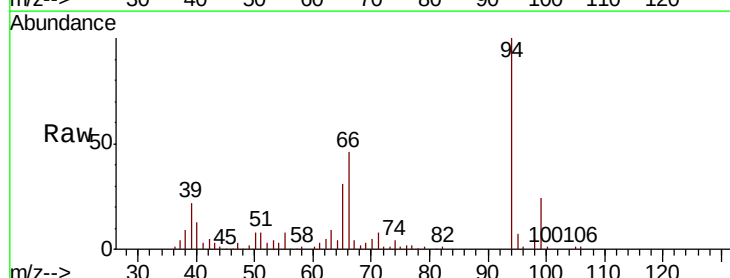
RT: 7.22 min Scan# 704

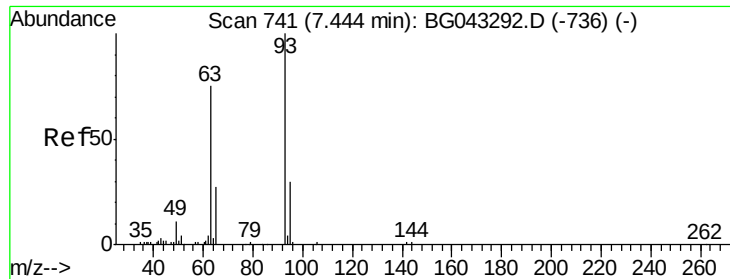
Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:	94	Resp:	133056
Ion	Ratio	Lower	Upper
94	100		
65	31.2	11.1	51.1
66	46.5	27.8	67.8





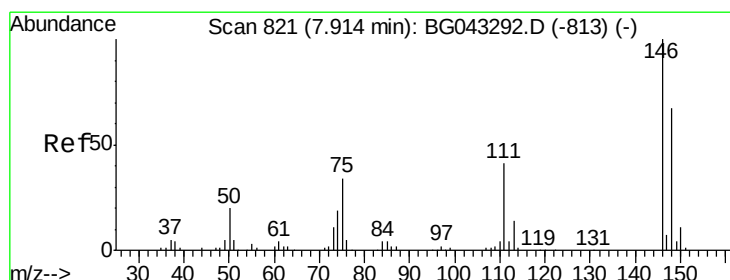
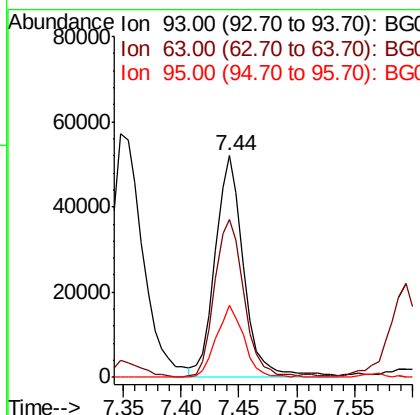
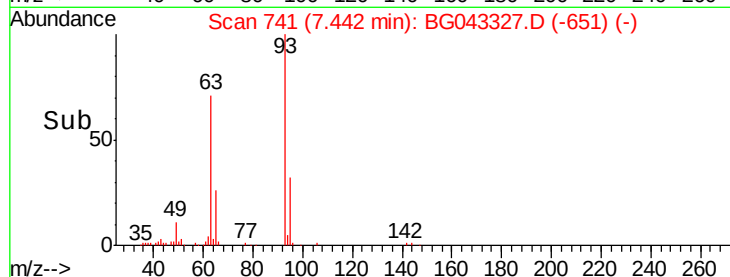
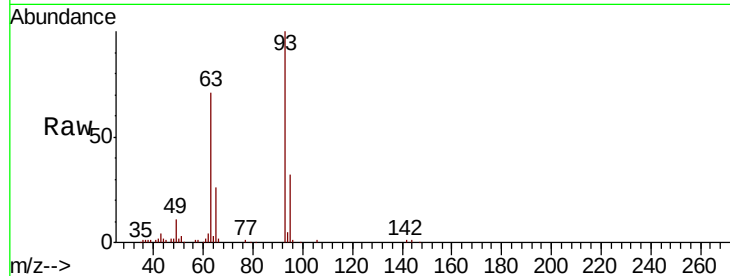
#11
bis(2-Chloroethyl)ether
Concen: 39.355 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion:	93	Resp:	89759
Ion	Ratio	Lower	Upper
93	100		
63	71.0	54.6	94.6
95	32.3	9.7	49.7

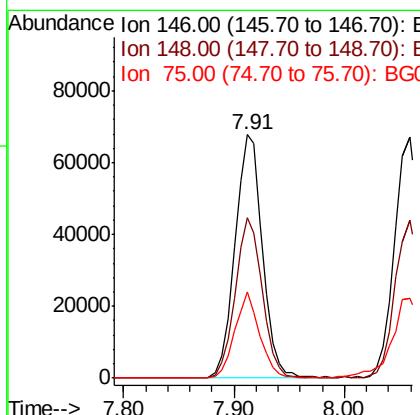
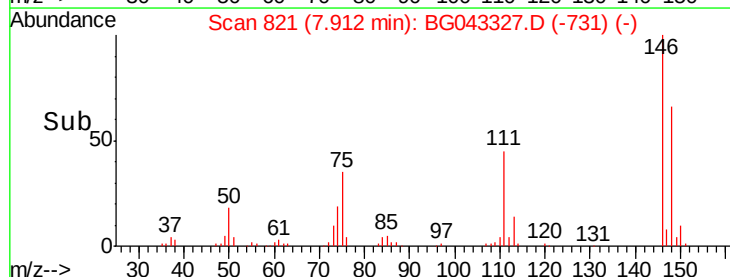
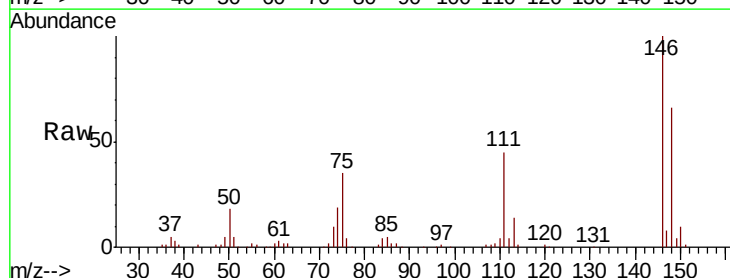
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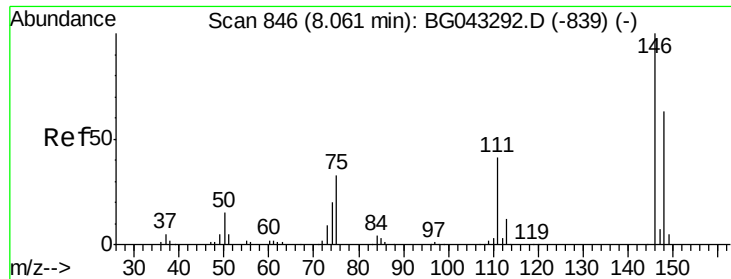
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:	146	Resp:	117926
Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.4	80.2
75	35.4	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 37.365 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

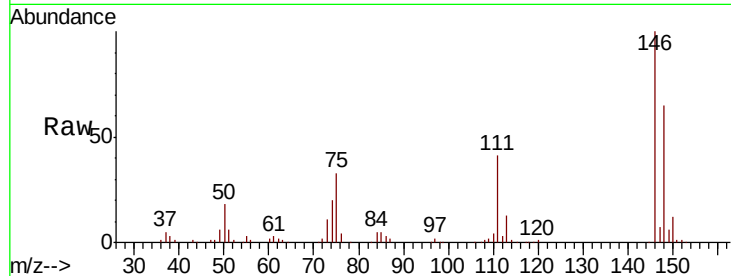
ClientSampleId :

PB124226BSD

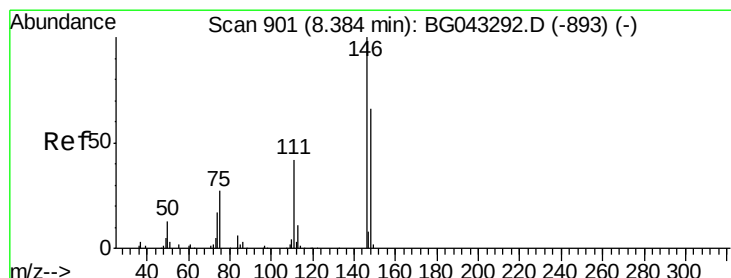
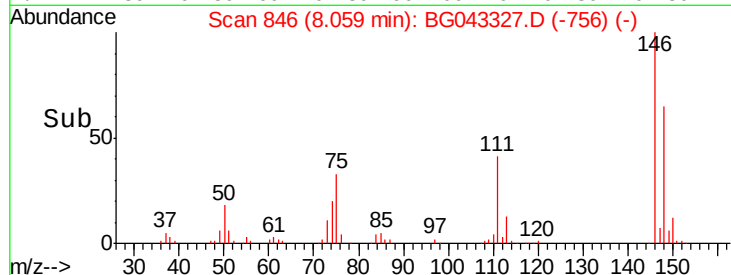
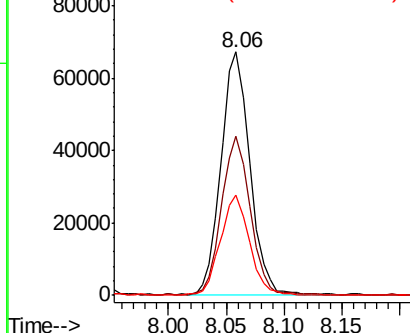
Tot Ion:	146	Resp:	117317
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.7	76.1
111	41.2	33.0	49.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.193 ng

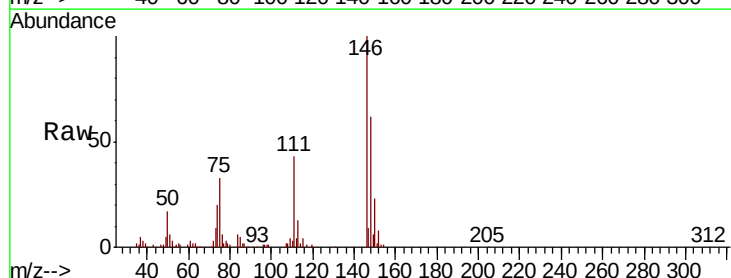
RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

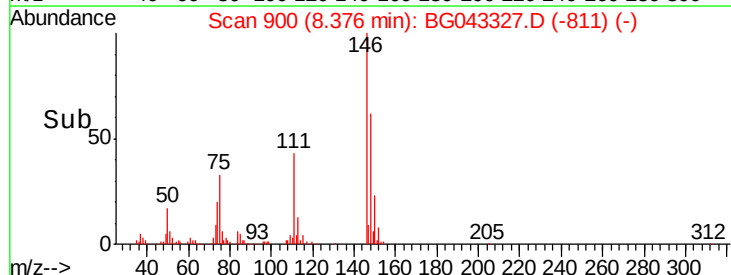
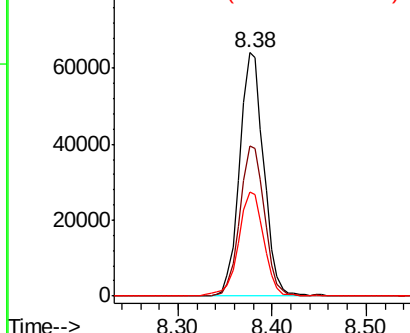
Lab File: BG043327.D

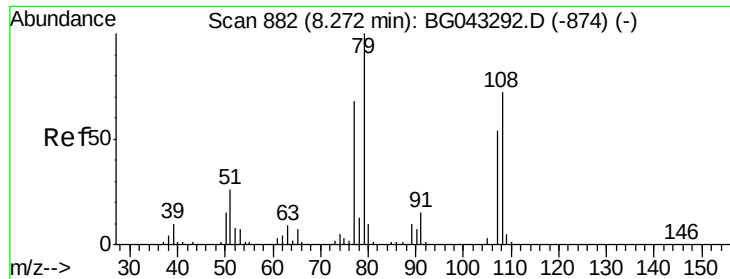
Acq: 24 Oct 2019 12:26

Tgt Ion:	146	Resp:	114022
Ion Ratio	Lower	Upper	
146	100		
148	61.5	53.0	79.4
111	42.5	34.5	51.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





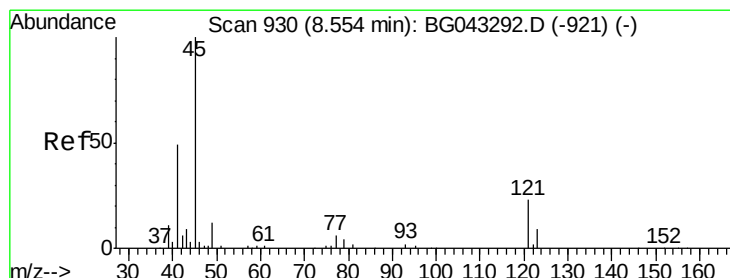
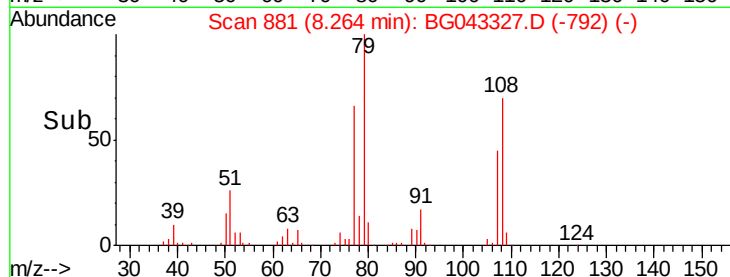
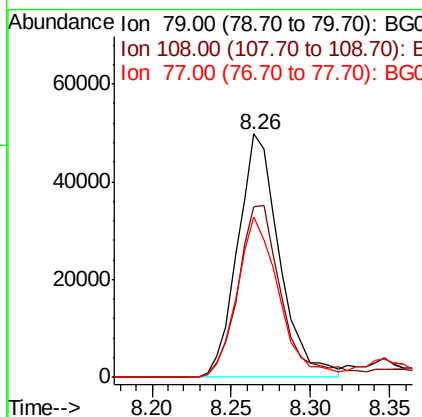
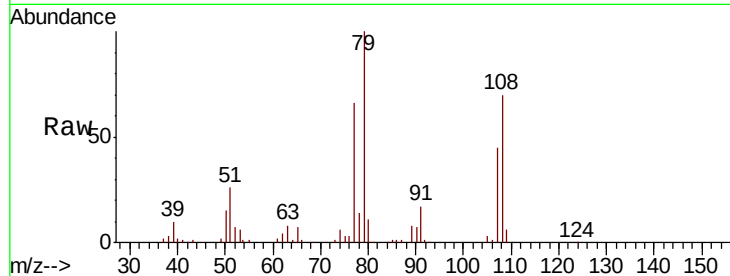
#15
Benzyl Alcohol
Concen: 40.091 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.3	57.3	85.9
77	65.7	54.6	81.8

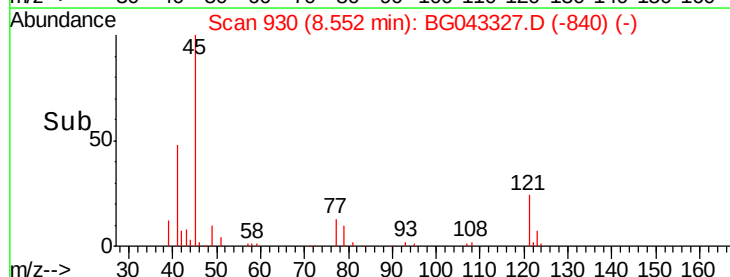
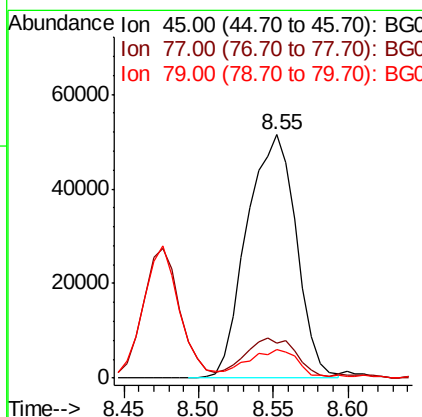
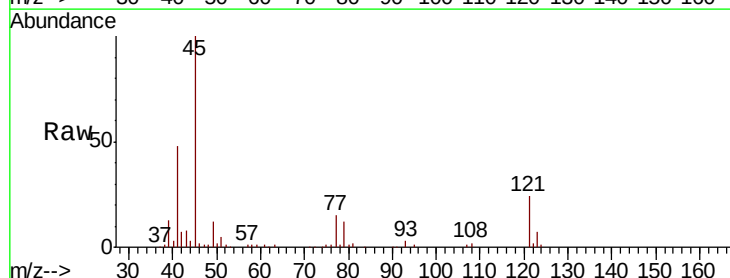
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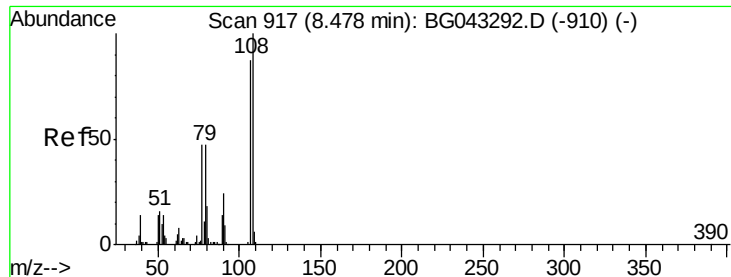
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.645 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.2
79	11.6	0.0	32.3





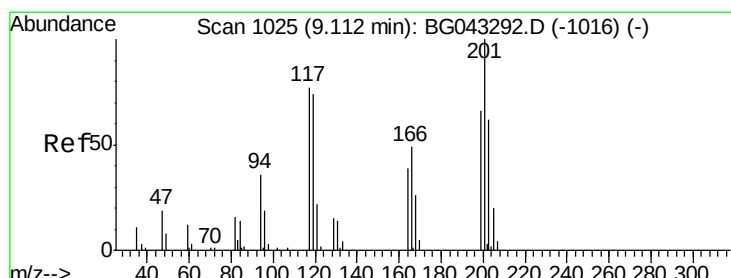
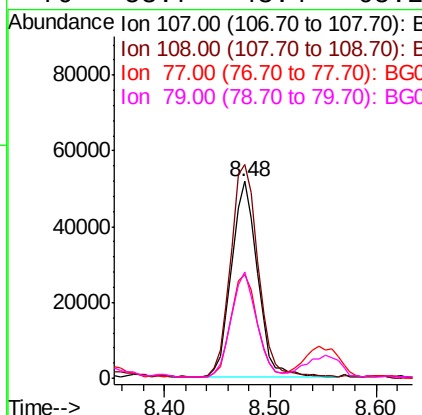
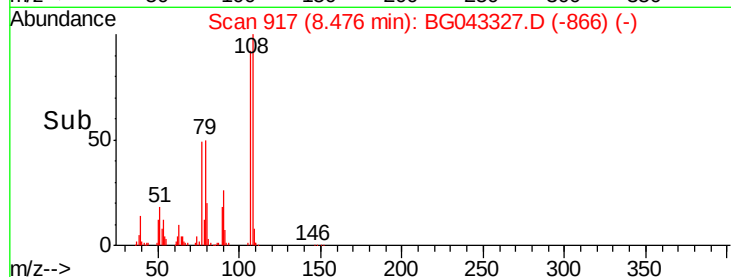
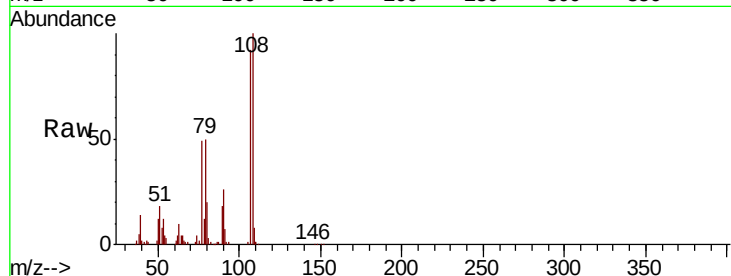
#17
2-Methylphenol
Concen: 41.347 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	107	Resp	88918
Ion Ratio	Lower	Upper	
107	100		
108	108.4	91.3	136.9
77	52.7	43.0	64.6
79	53.7	43.4	65.2

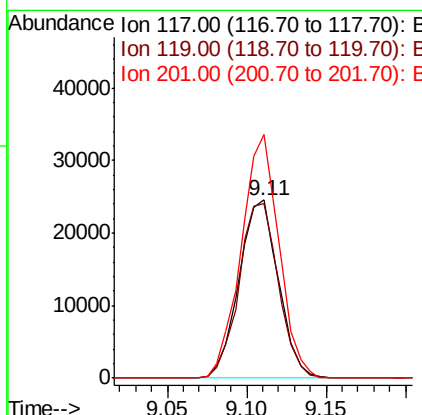
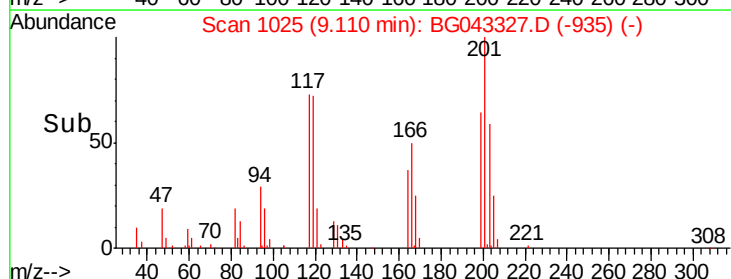
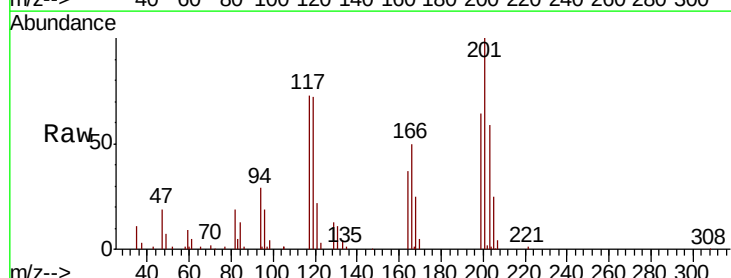
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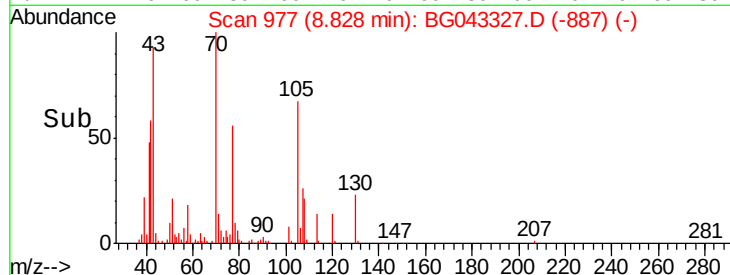
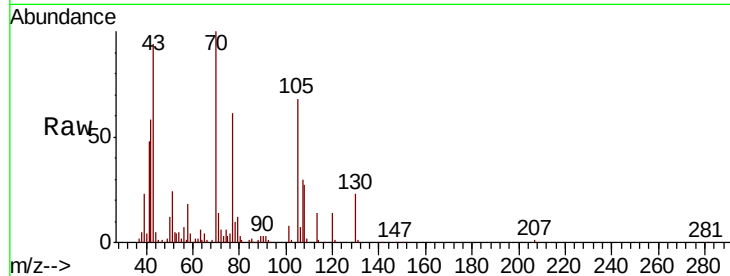
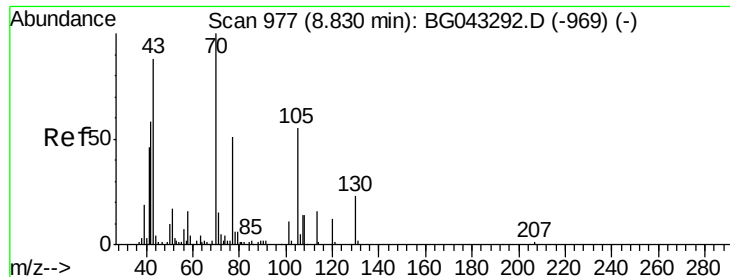
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#18
Hexachloroethane
Concen: 37.281 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	117	Resp	42232
Ion Ratio	Lower	Upper	
117	100		
119	98.1	77.3	115.9
201	136.9	104.2	156.4





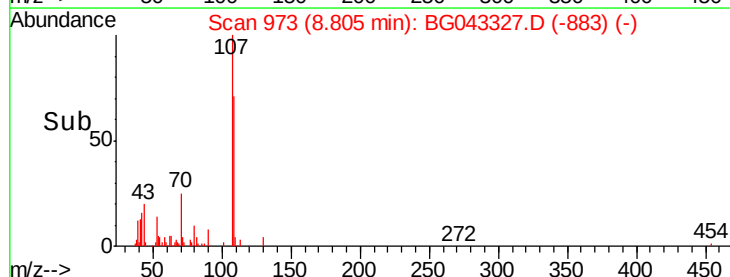
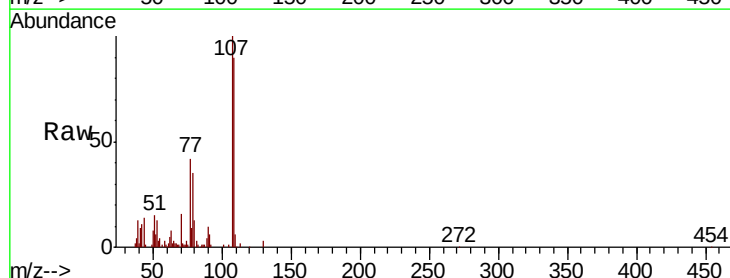
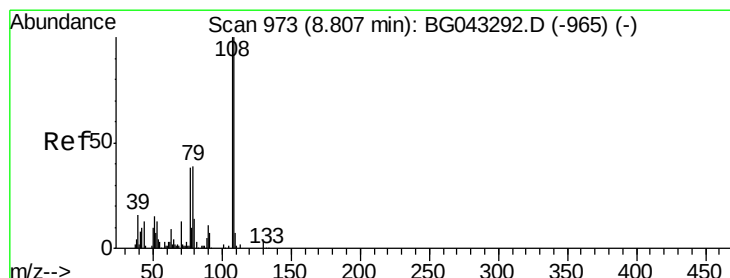
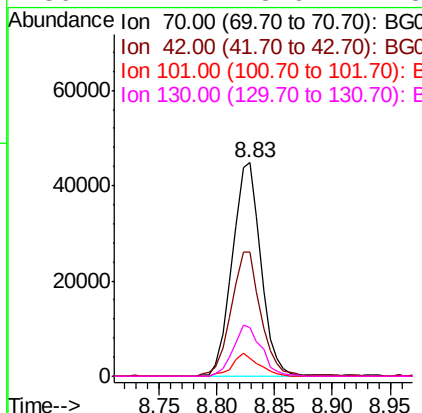
#19
n-Nitroso-di-n-propylamine
Concen: 36.944 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.3	46.2	69.2
101	8.3	8.6	13.0
130	22.7	18.6	27.8

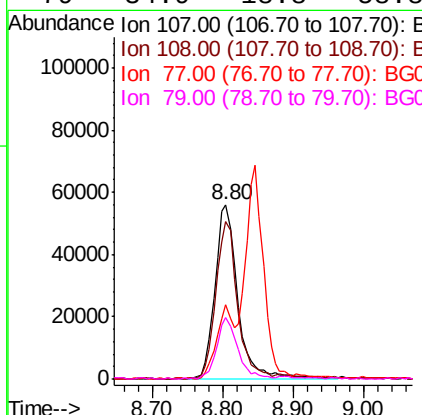
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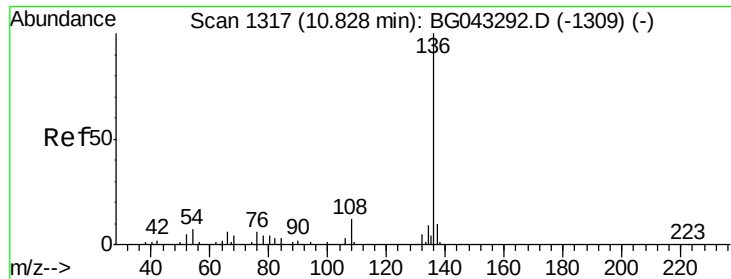
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#20
3+4-Methylphenols
Concen: 41.926 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	80.3	120.3
77	42.4	18.2	58.2
79	34.9	18.8	58.8





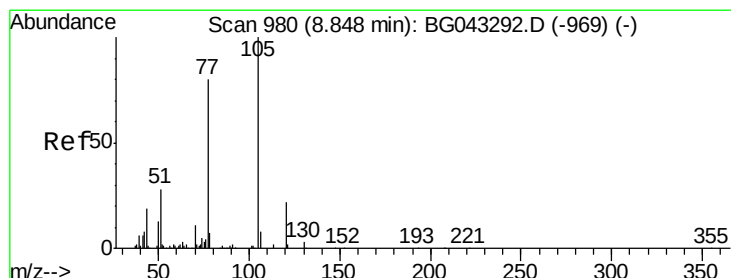
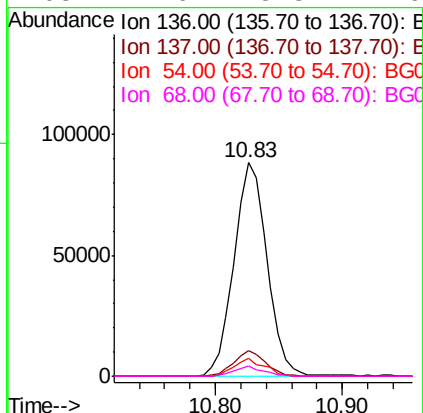
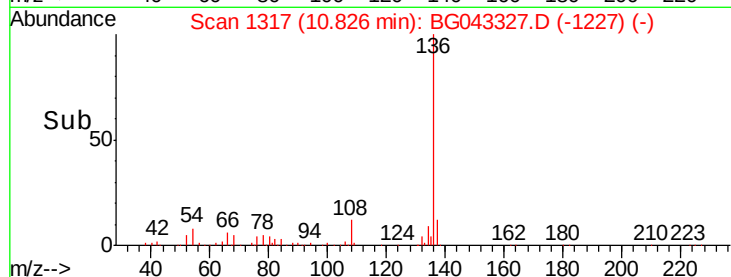
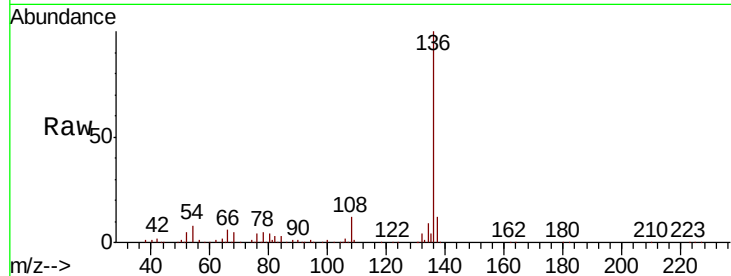
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	160066		
137	12.0	8.2	12.2	
54	8.2	5.4	8.2#	
68	4.6	3.3	4.9	

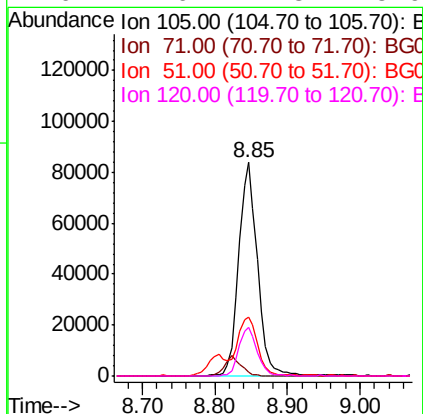
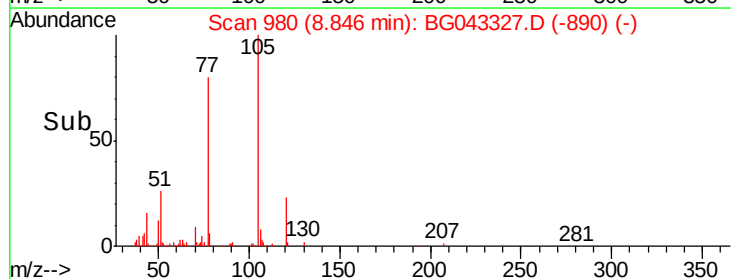
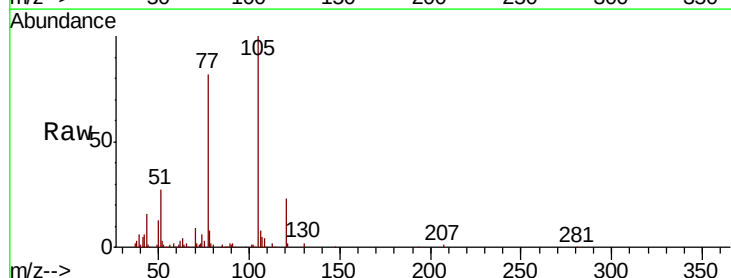
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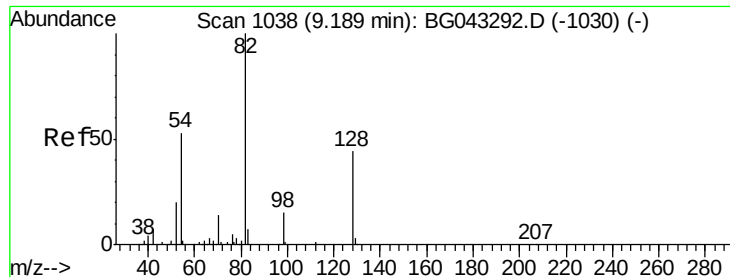
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#22
Acetophenone
Concen: 37.163 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	152334		
71	1.9	1.5	2.3	
51	27.5	23.9	35.9	
120	22.6	17.3	25.9	





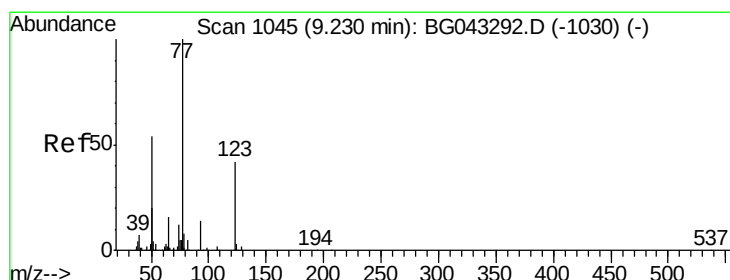
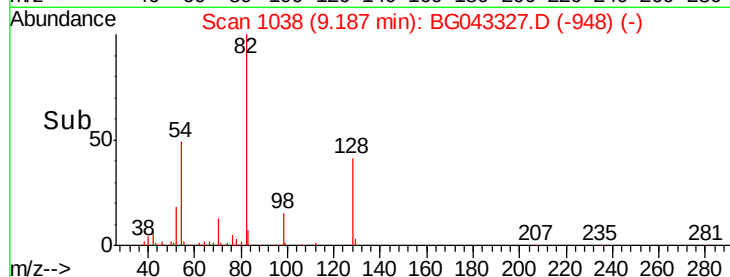
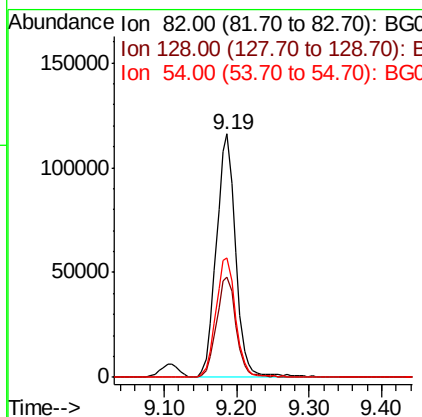
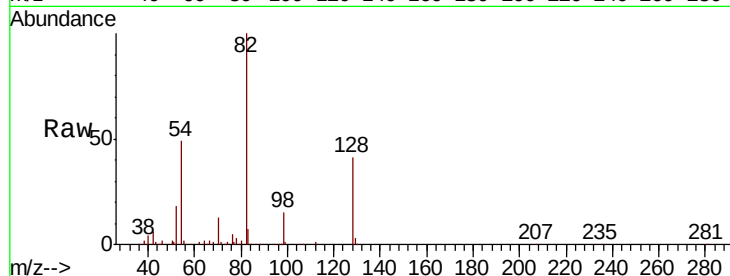
#23
 Nitrobenzene-d5
 Concen: 69.030 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.3	52.9
54	49.2	42.3	63.5

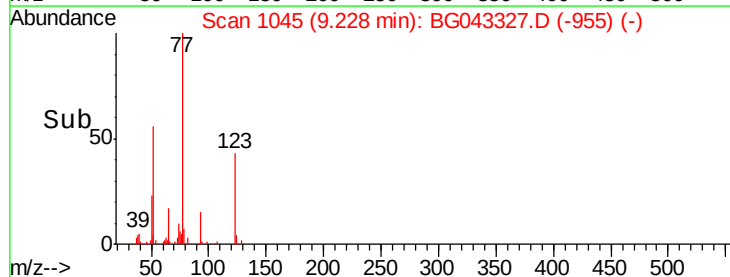
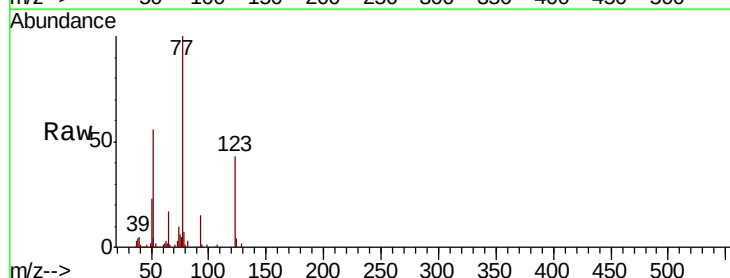
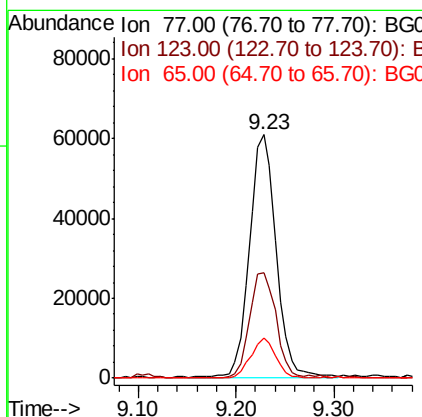
Manual Integrations
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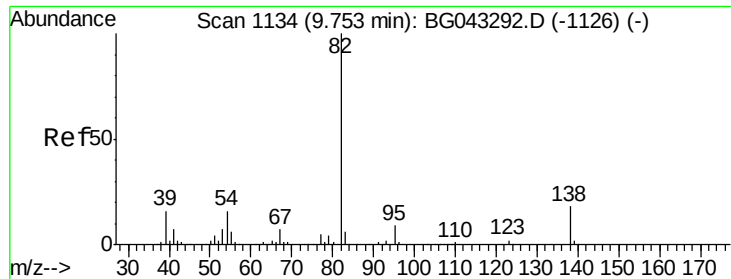
mohammad
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#24
 Nitrobenzene
 Concen: 39.600 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	33.8	50.8
65	16.6	13.0	19.4





#25

Isophorone

Concen: 37.740 ng

RT: 9.74 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

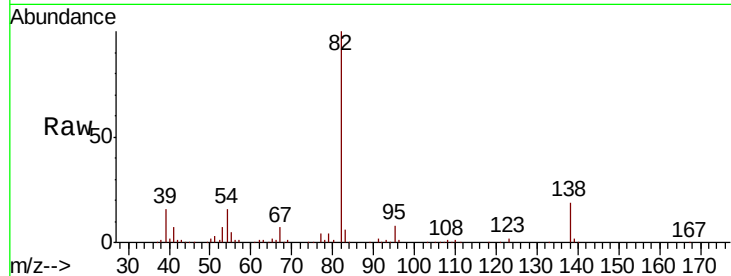
ClientSampleId :

PB124226BSD

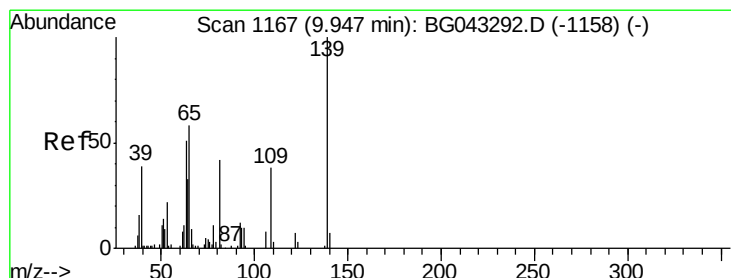
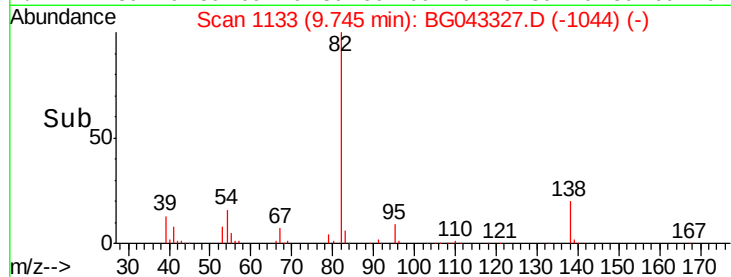
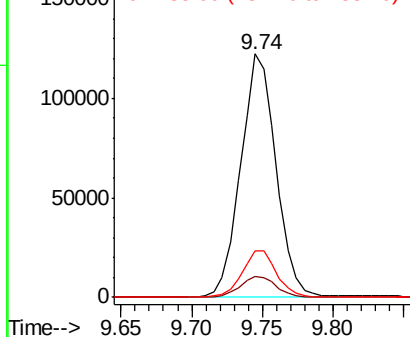
Tot Ion:	82	Resp:	214230
Ion Ratio		Lower	Upper
82	100		
95	8.3	6.9	10.3
138	19.1	14.2	21.2

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.416 ng

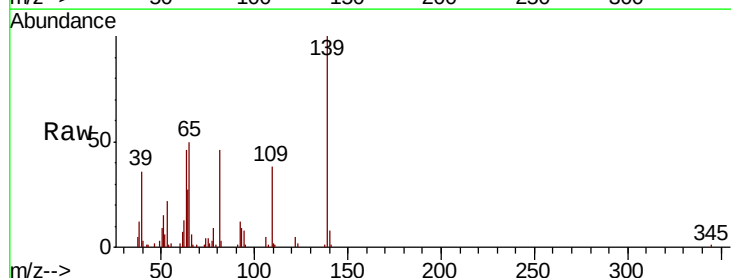
RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

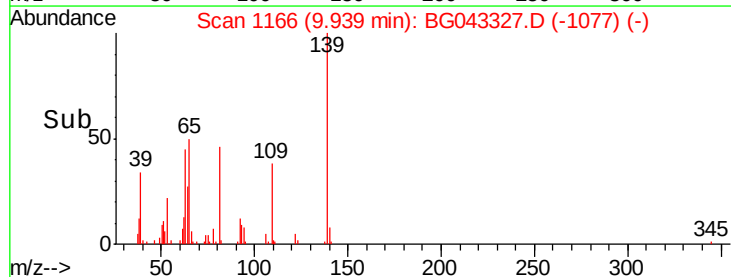
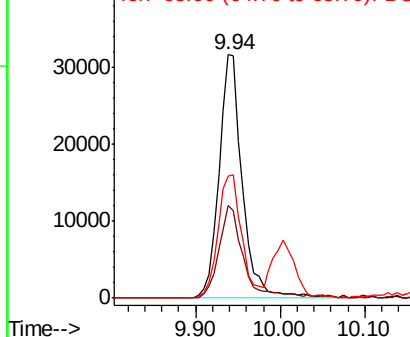
Lab File: BG043327.D

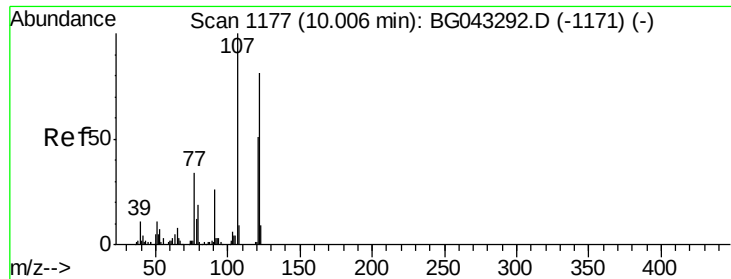
Acq: 24 Oct 2019 12:26

Tgt Ion:	139	Resp:	60566
Ion Ratio		Lower	Upper
139	100		
109	37.9	30.1	45.1
65	50.2	46.1	69.1



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





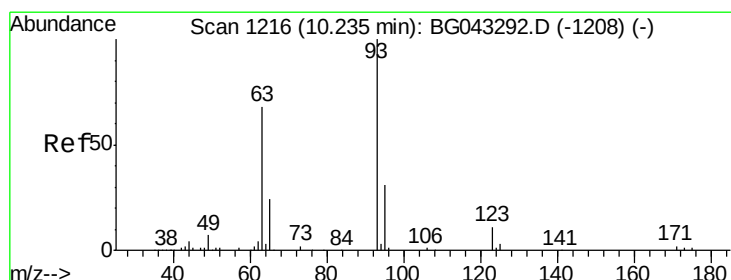
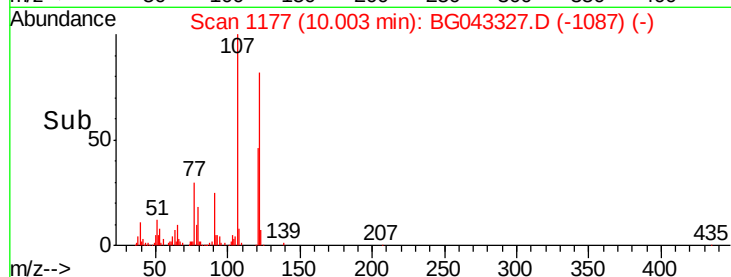
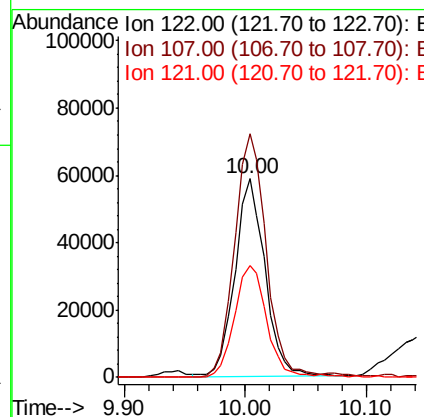
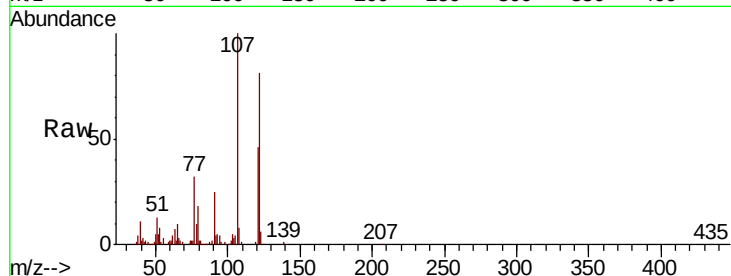
#27
2,4-Dimethylphenol
Concen: 49.768 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	101855		
107	122.8	98.6	147.8	
121	56.3	50.1	75.1	

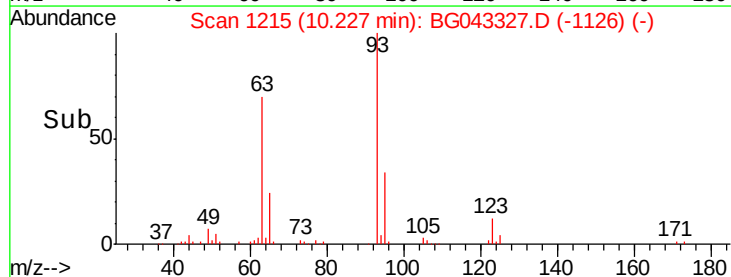
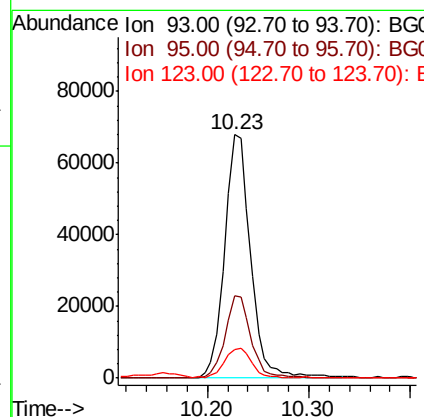
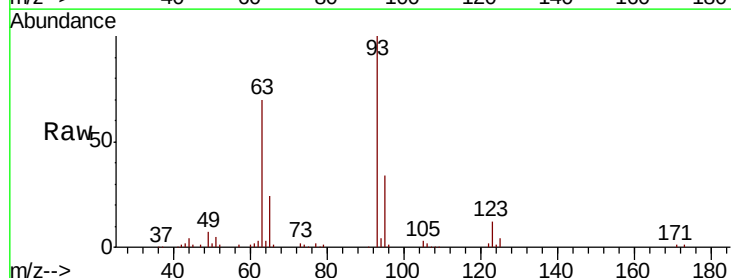
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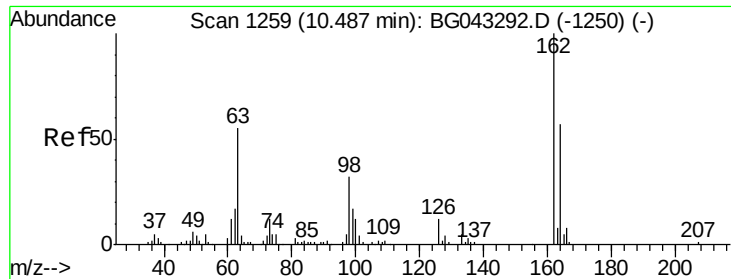
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#28
bis(2-Chloroethoxy)methane
Concen: 38.597 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	120920		
95	33.8	24.9	37.3	
123	11.8	8.9	13.3	





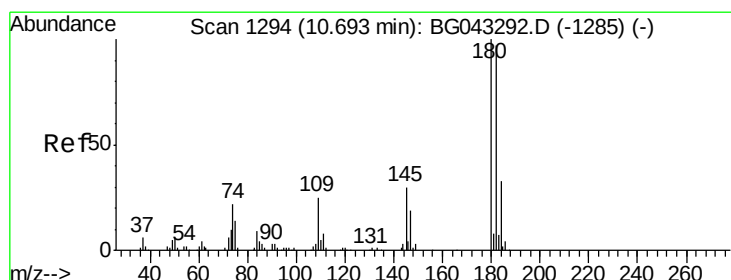
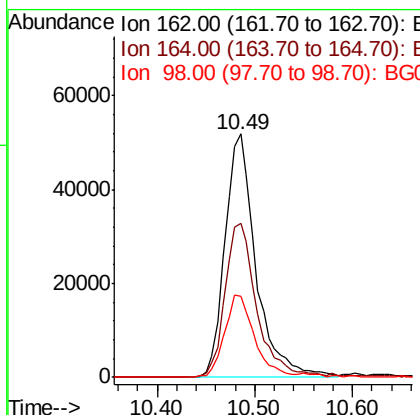
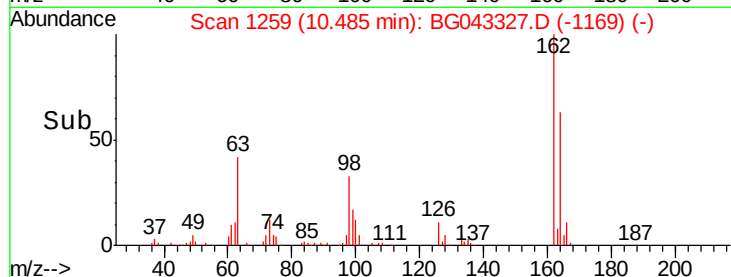
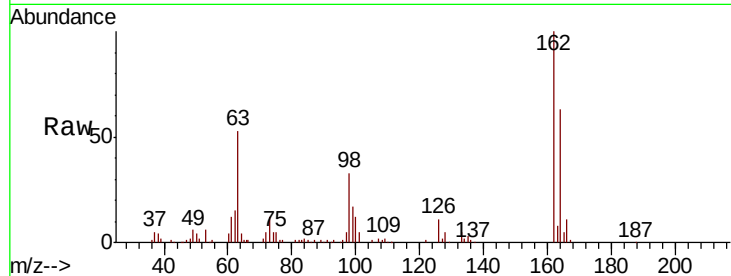
#29
2,4-Dichlorophenol
Concen: 43.570 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	37.3	77.3
98	33.5	11.8	51.8

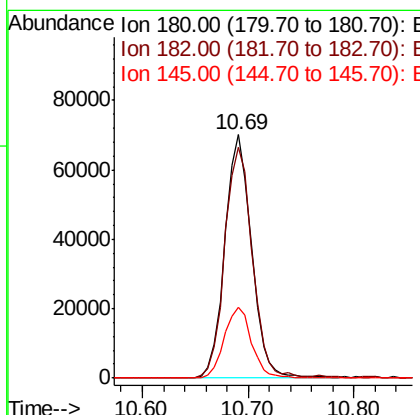
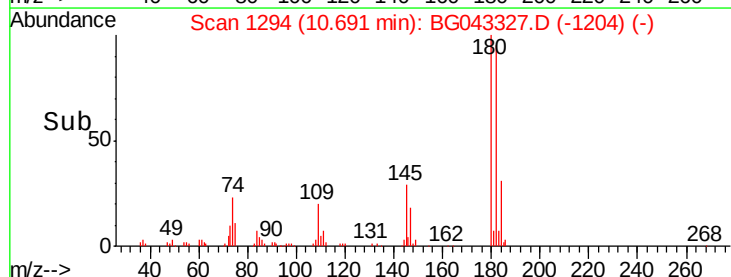
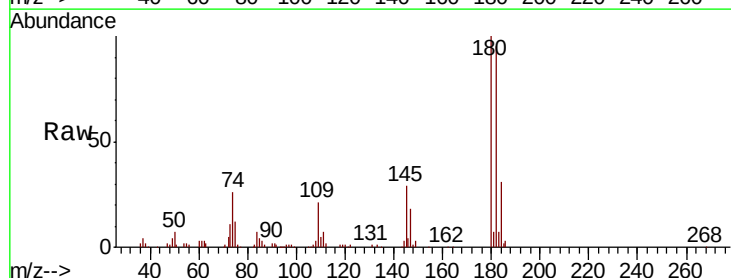
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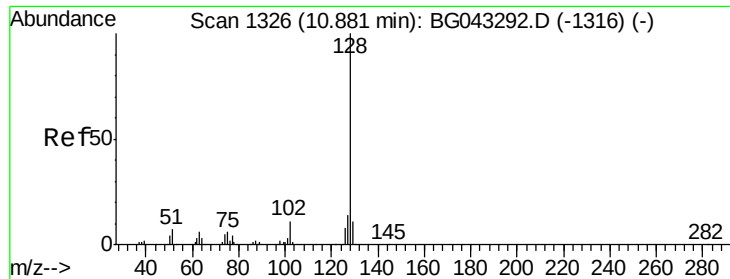
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#30
1,2,4-Trichlorobenzene
Concen: 37.200 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.8	116.8
145	28.9	23.6	35.4





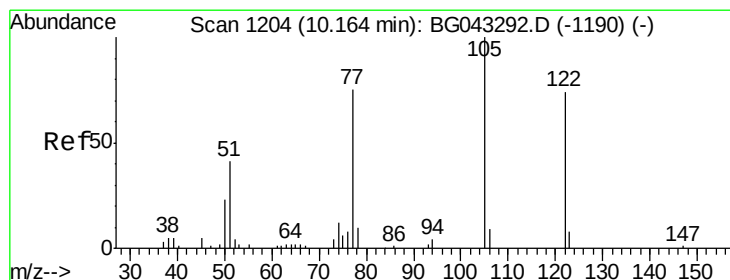
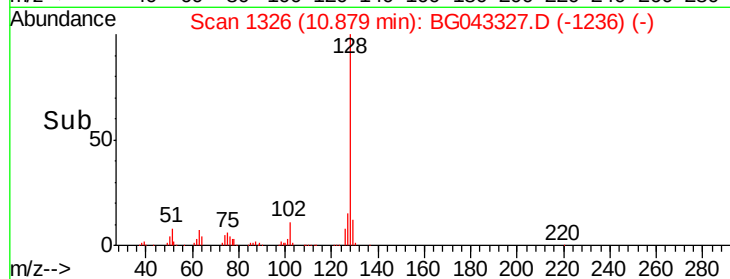
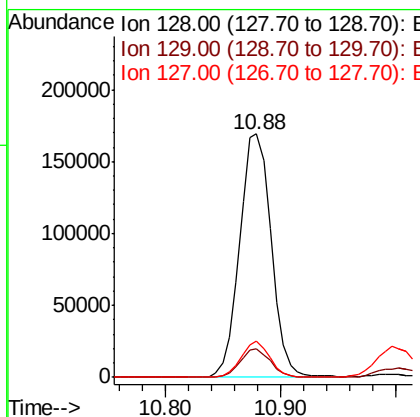
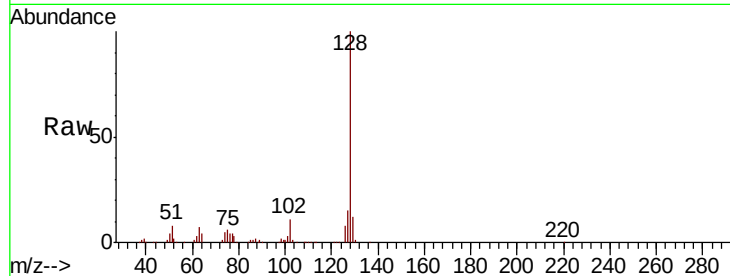
#31
Naphthalene
Concen: 39.668 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	14.8	11.5	17.3

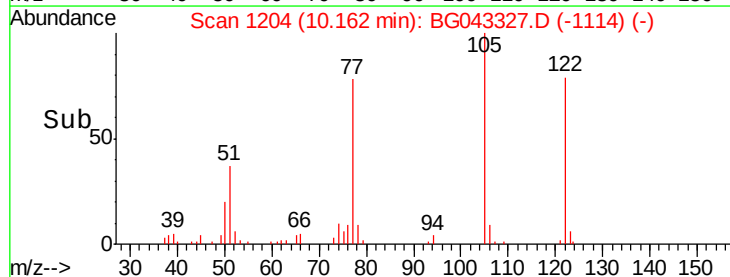
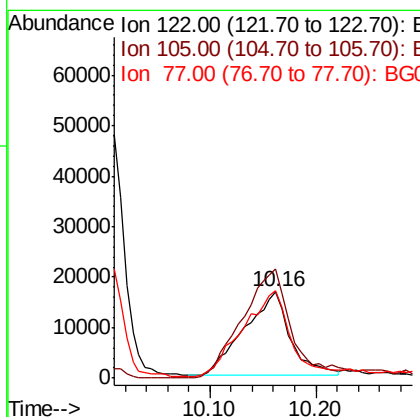
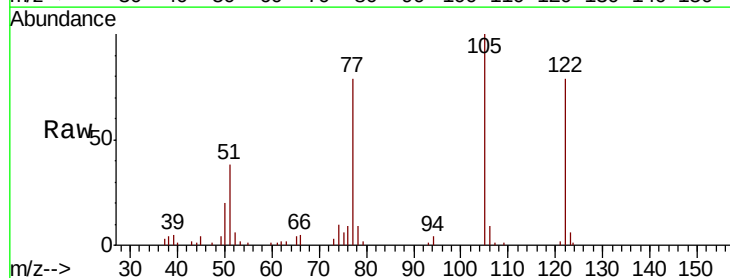
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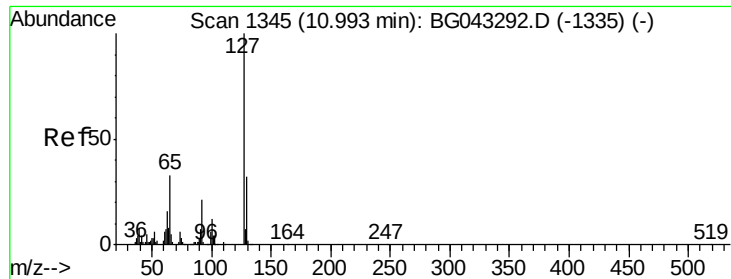
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#32
Benzoic acid
Concen: 35.220 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.6	112.4	152.4
77	100.5	82.7	122.7





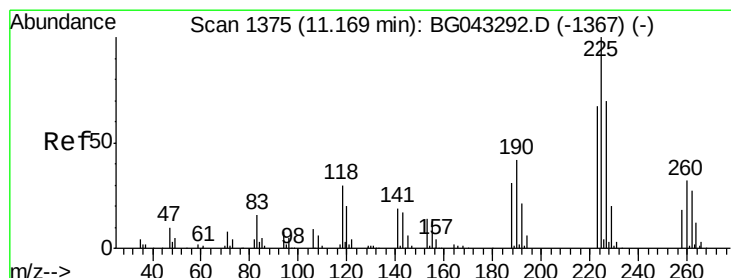
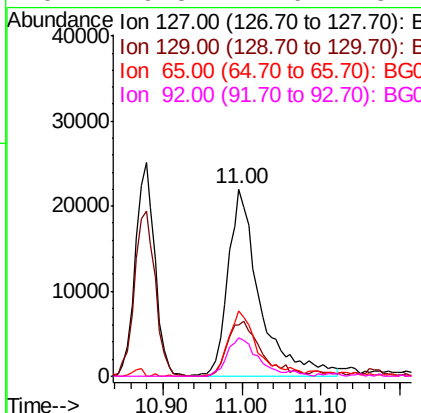
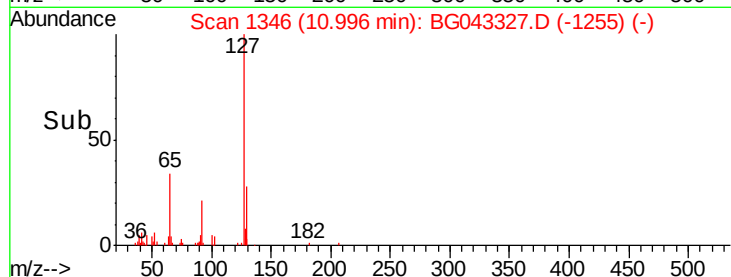
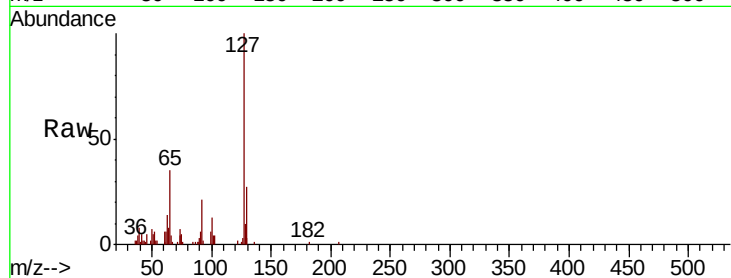
#33
4-Chloroaniline
Concen: 18.297 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	27.4	25.8	38.8
65	35.1	26.2	39.2
92	20.8	17.0	25.4

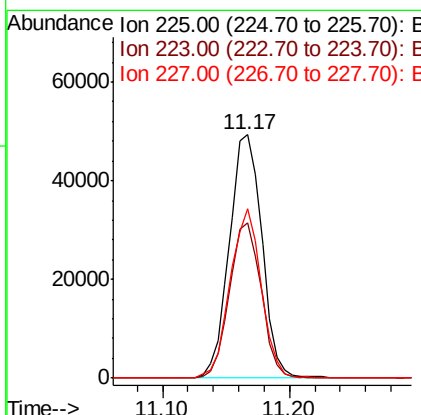
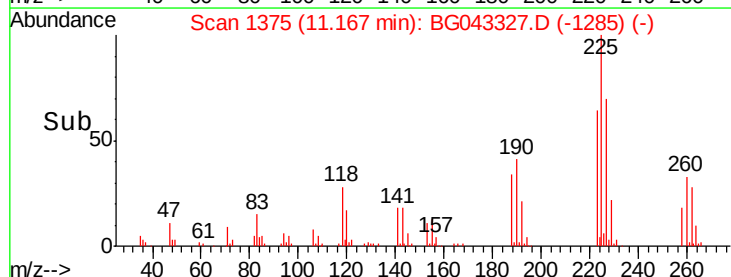
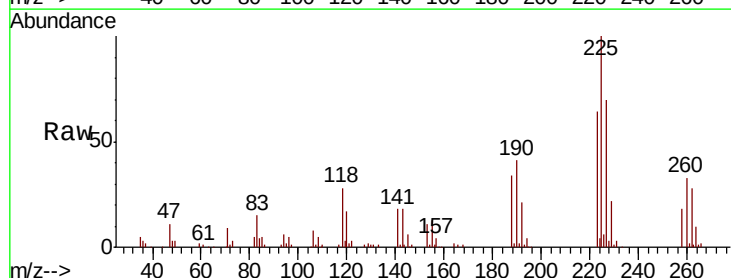
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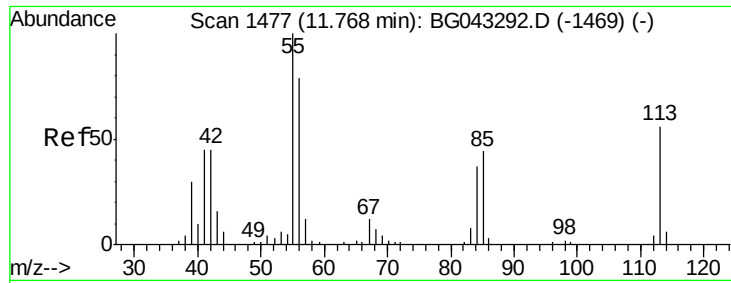
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#34
Hexachlorobutadiene
Concen: 35.751 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	53.2	79.8
227	69.6	56.2	84.2





#35

Caprolactam

Concen: 41.046 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

Tot Ion: 113 Resp: 37069

Ion Ratio Lower Upper

113 100

55 131.0 158.9 198.9#

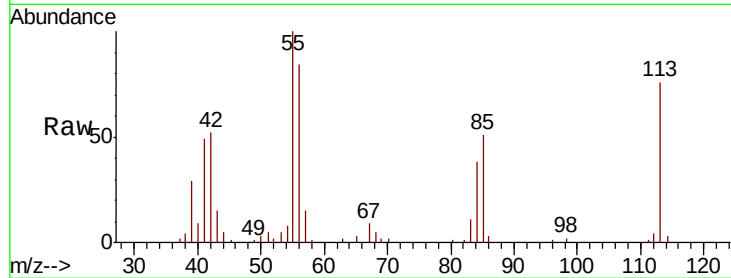
56 110.4 121.4 161.4#

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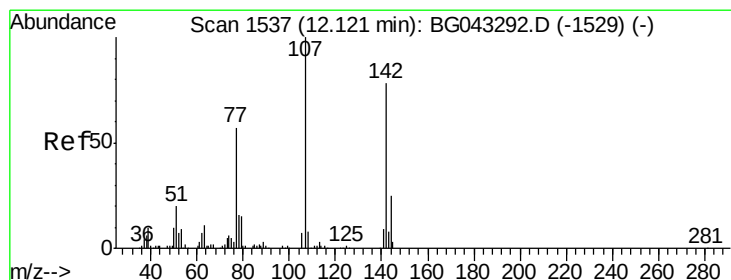
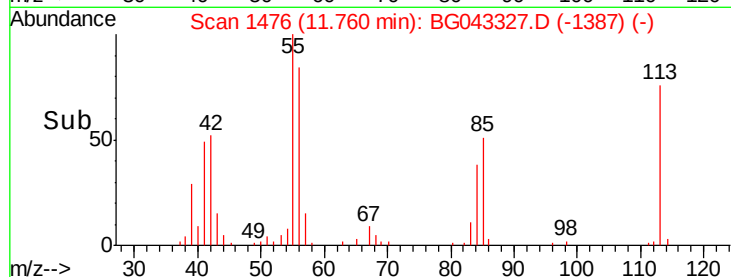
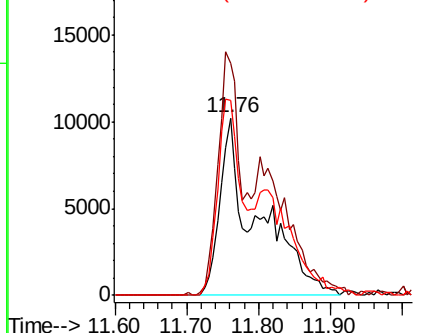
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 42.553 ng/mL

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

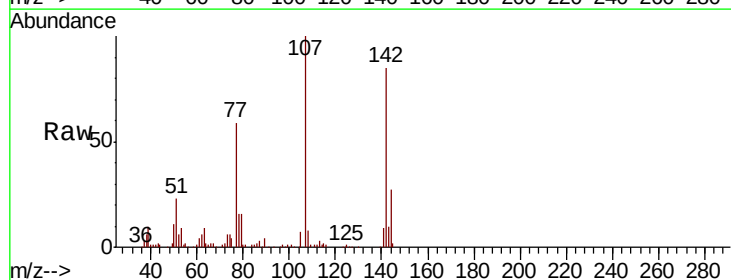
Tgt Ion: 107 Resp: 121714

Ion Ratio Lower Upper

107 100

144 27.0 19.9 29.9

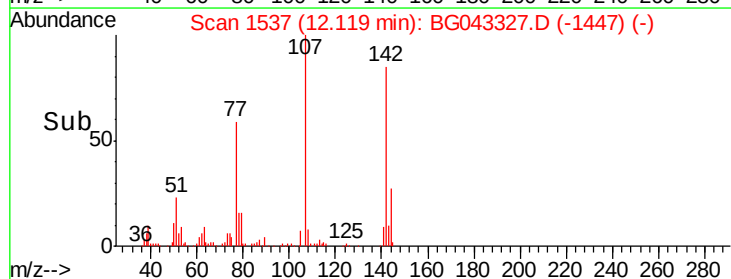
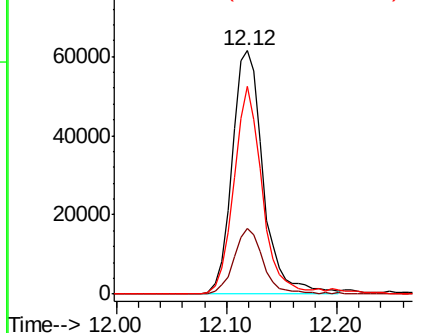
142 85.1 62.1 93.1

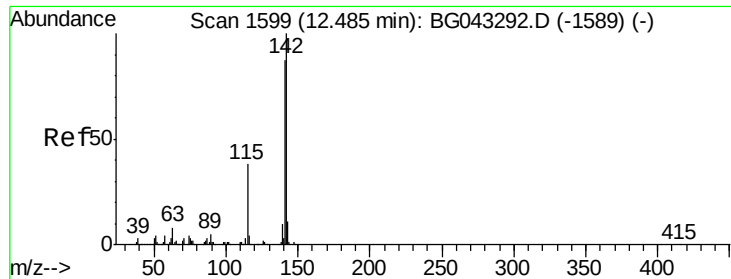


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





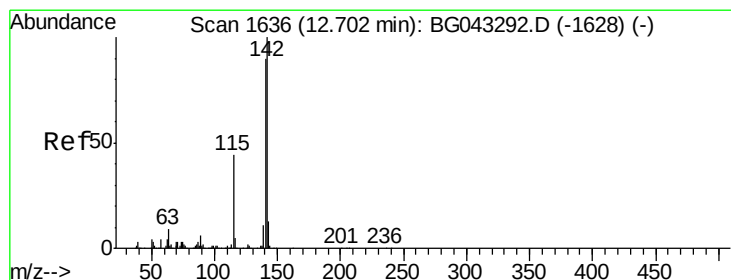
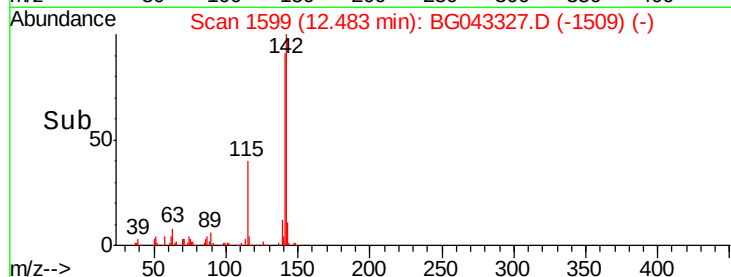
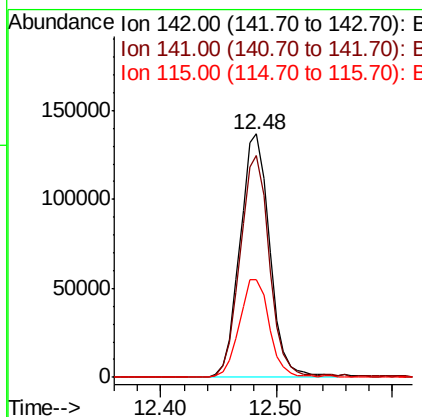
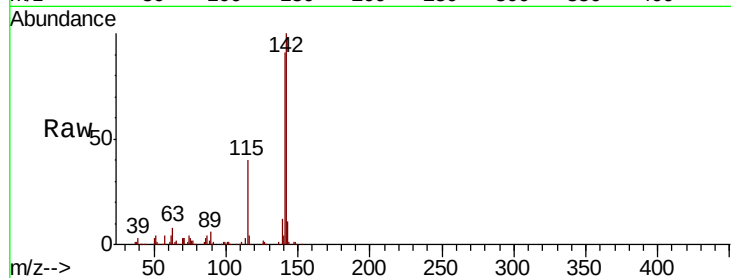
#37
 2-Methylnaphthalene
 Concen: 39.400 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	69.7	104.5
115	40.2	30.6	46.0

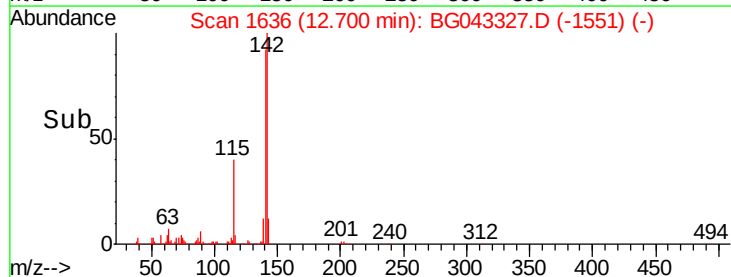
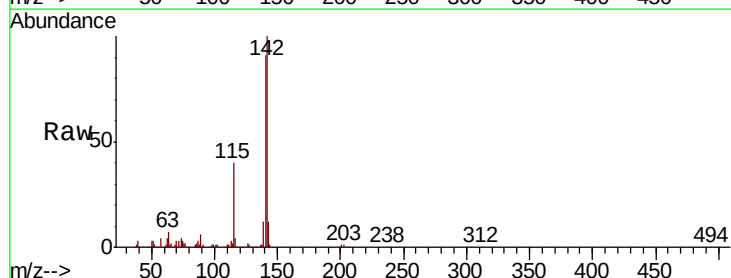
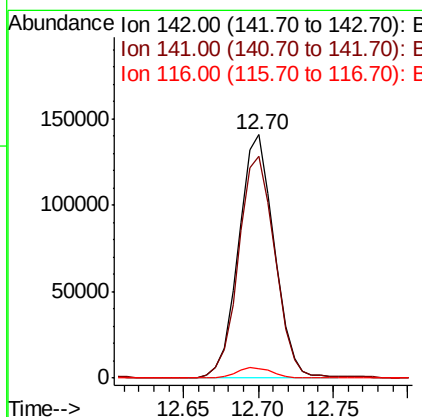
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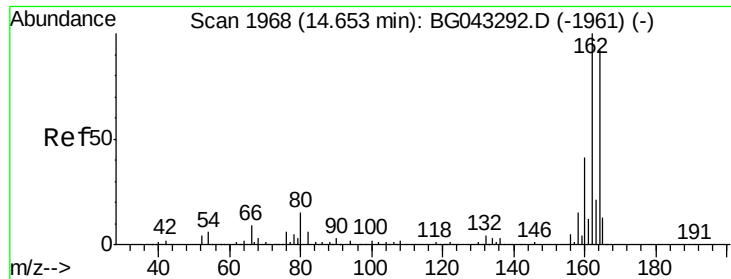
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#38
 1-Methylnaphthalene
 Concen: 39.103 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
116	4.0	3.8	5.6





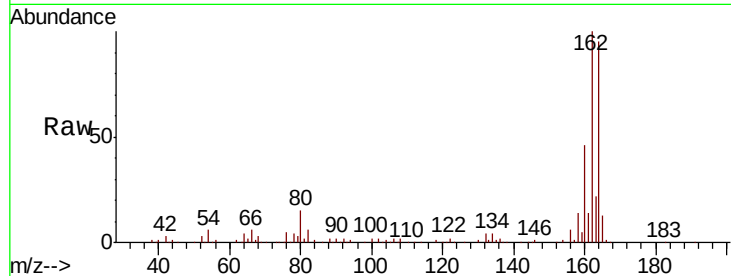
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.7	87.0	130.4
160	47.8	35.5	53.3

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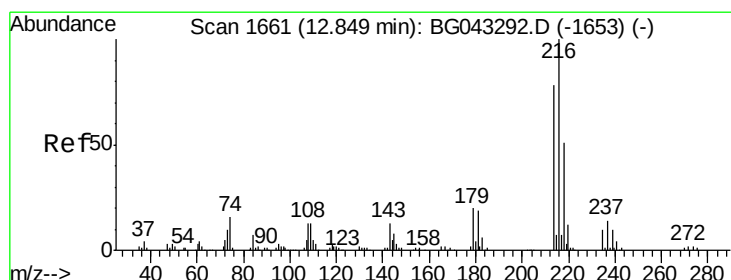
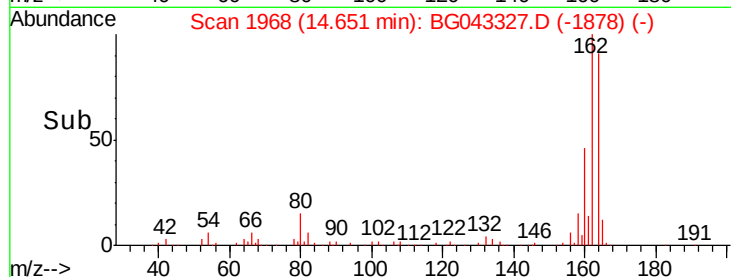
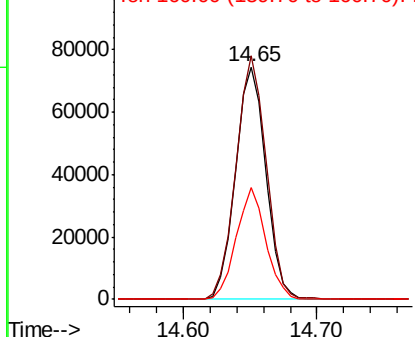


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.725 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	20.0	16.2	24.2
108	16.5	11.2	16.8

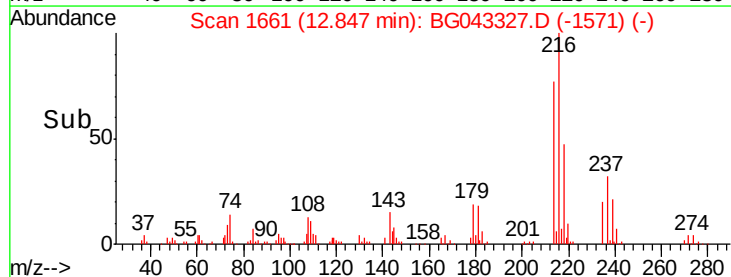
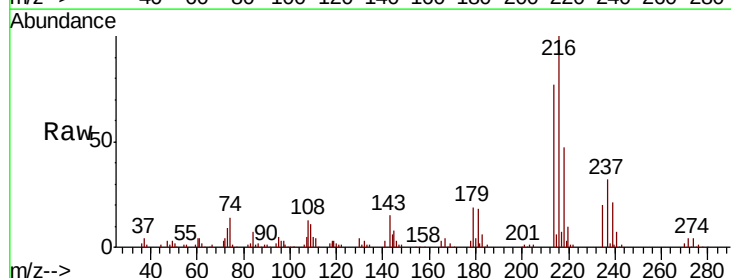
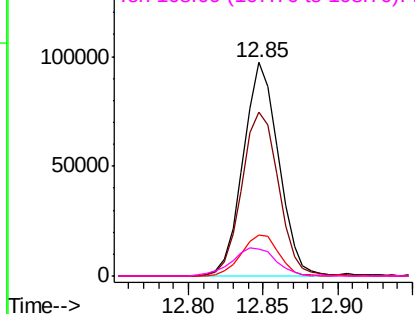
Abundance

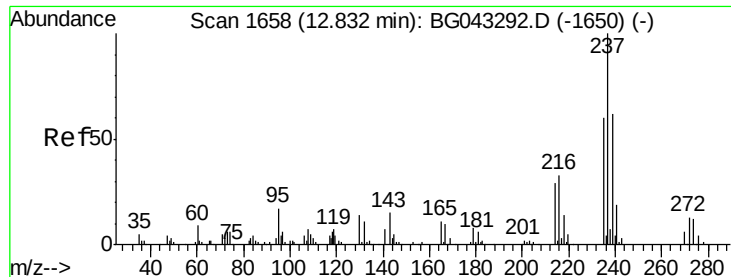
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





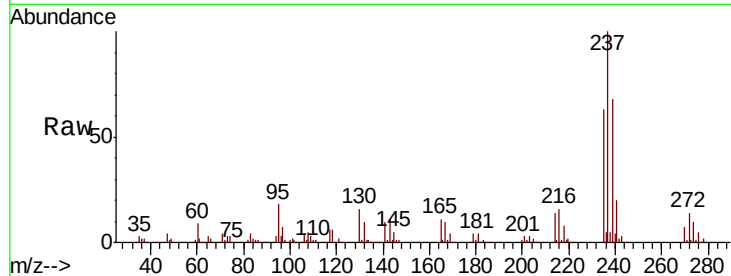
#41
Hexachlorocyclopentadiene
Concen: 92.492 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

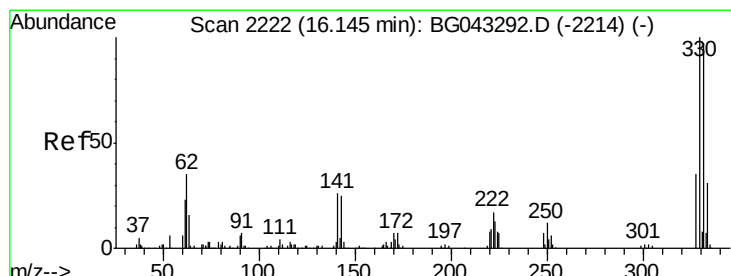
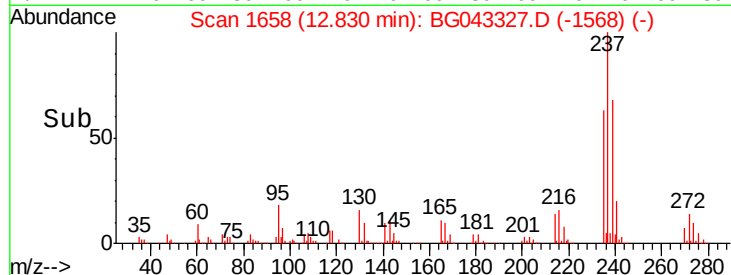
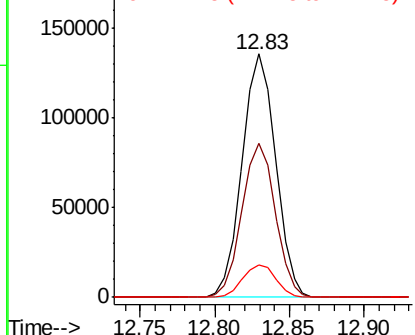
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	40.3	80.3
272	13.6	0.0	32.9

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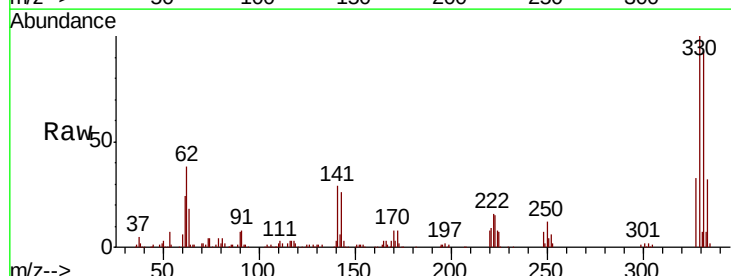


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

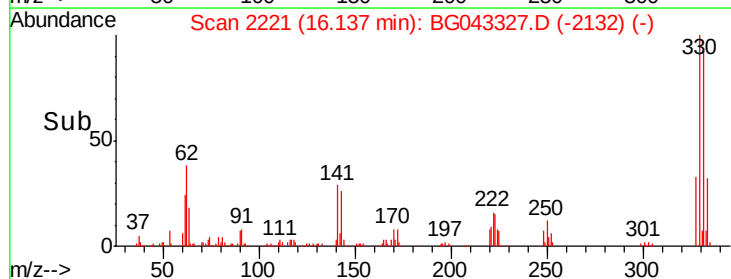
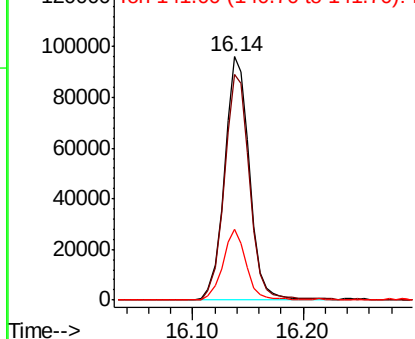


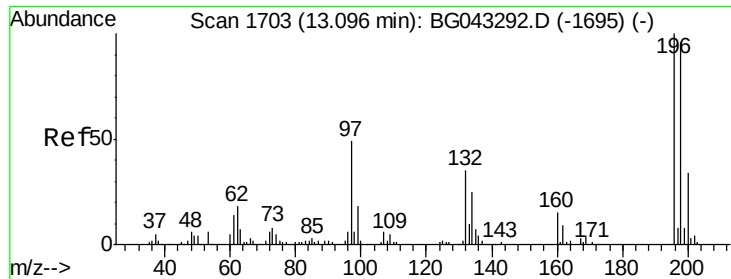
#42
2,4,6-Tribromophenol
Concen: 67.848 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	93.7	76.4	114.6
141	27.0	21.4	32.0



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





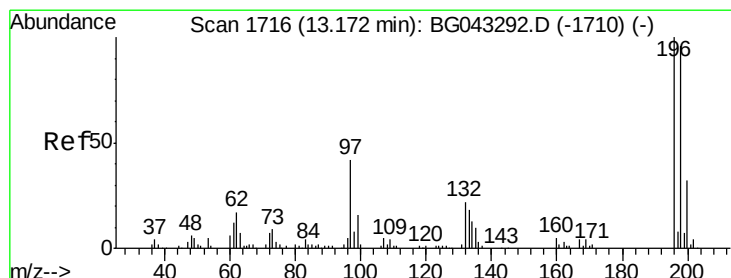
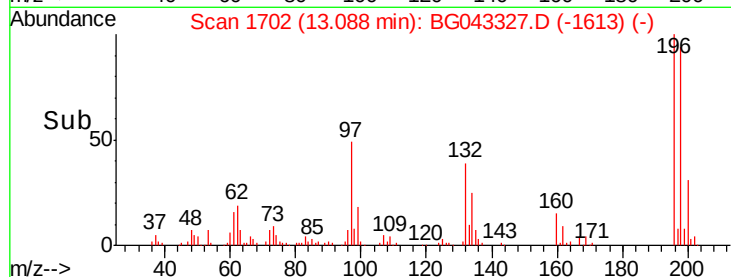
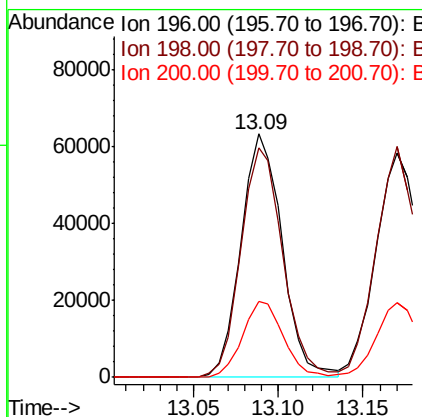
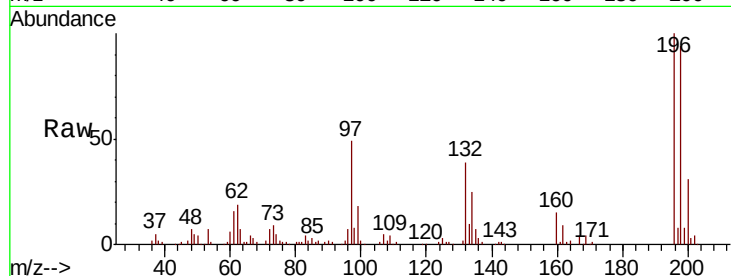
#43
 2,4,6-Trichlorophenol
 Concen: 42.009 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107401		
198	94.1	77.0	115.4	
200	31.3	27.4	41.2	

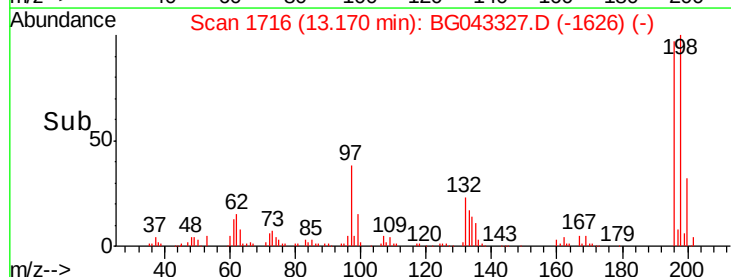
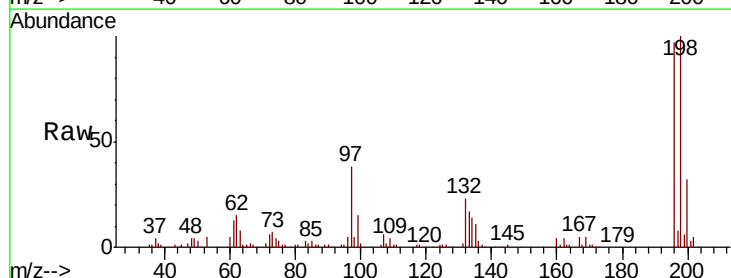
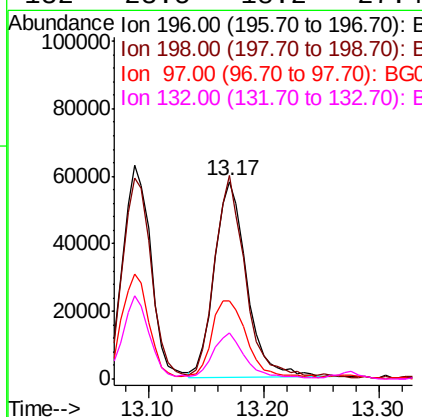
Manual Integrations
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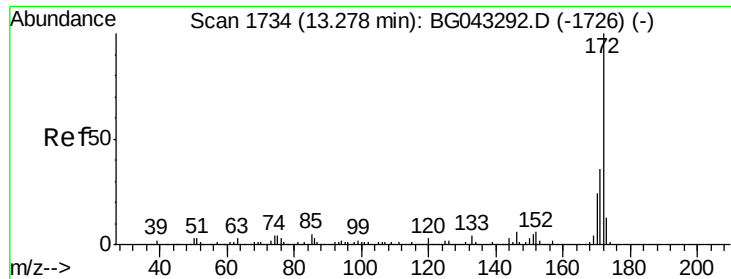
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.795 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113196		
198	102.8	76.6	114.8	
97	39.4	34.1	51.1	
132	23.5	18.2	27.4	





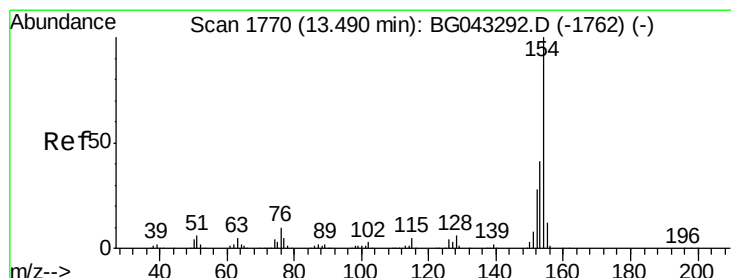
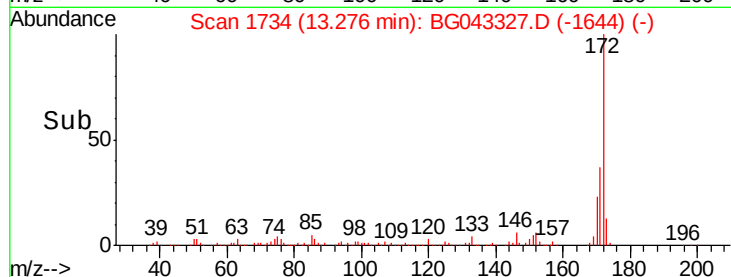
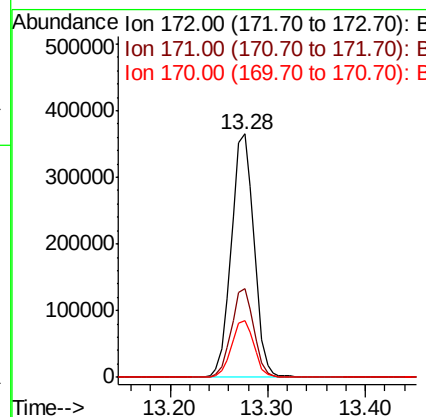
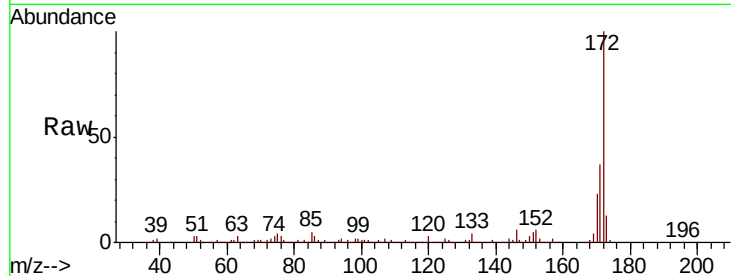
#45
2-Fluorobiphenyl
Concen: 69.418 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.2	18.8	28.2

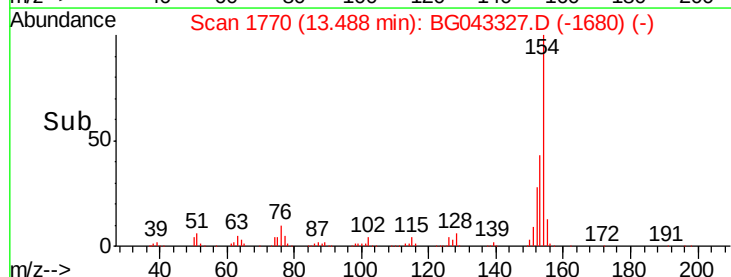
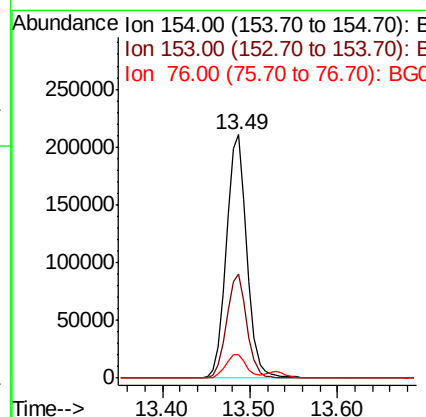
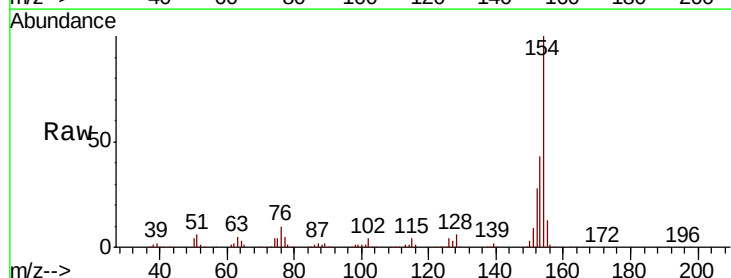
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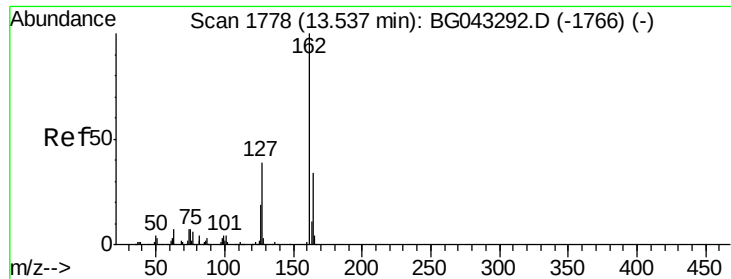
mohammad
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#46
1,1'-Biphenyl
Concen: 38.112 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	21.0	61.0
76	9.9	0.0	29.8





#47

2-Chloronaphthalene

Concen: 38.936 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

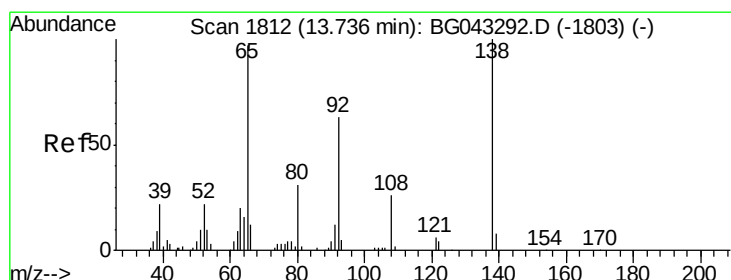
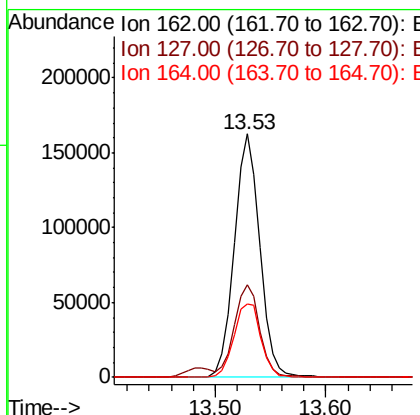
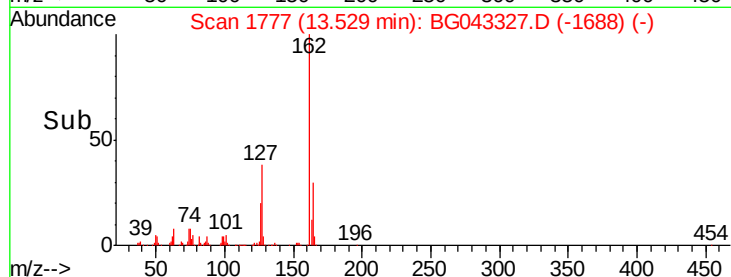
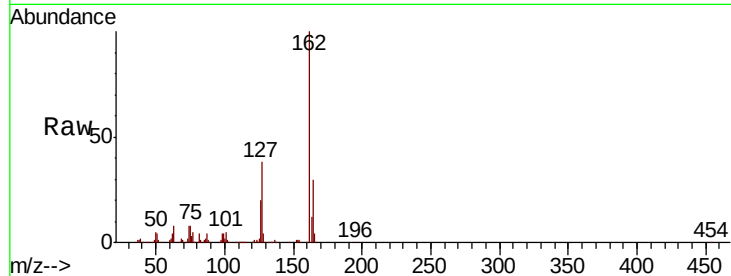
ClientSampleId :

PB124226BSD

Tot Ion:	162	Resp:	264368
Ion Ratio	Lower	Upper	
162	100		
127	38.0	31.3	46.9
164	30.3	26.8	40.2

Manual Integrations
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#48

2-Nitroaniline

Concen: 38.817 ng

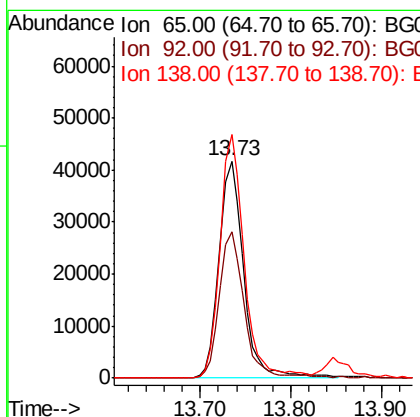
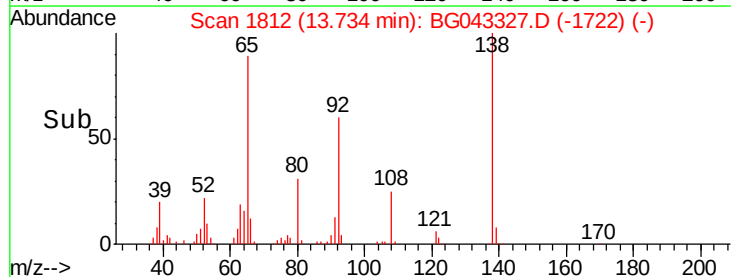
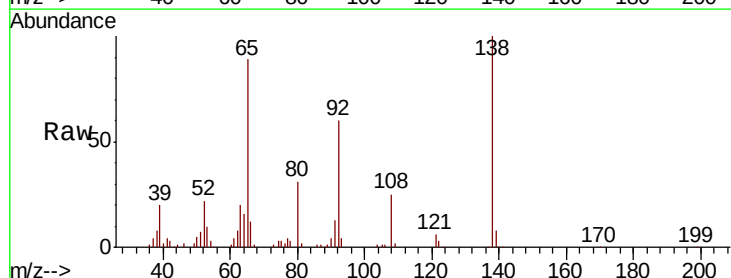
RT: 13.73 min Scan# 1812

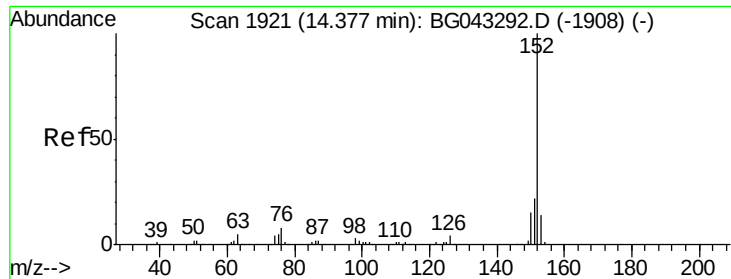
Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:	65	Resp:	78774
Ion Ratio	Lower	Upper	
65	100		
92	67.4	52.6	79.0
138	112.2	82.9	124.3





#49

Acenaphthylene

Concen: 40.798 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

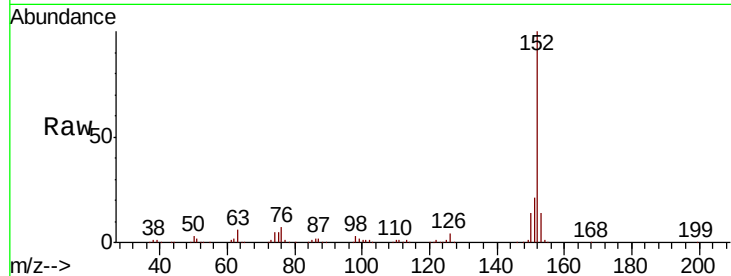
ClientSampleId :

PB124226BSD

Tot Ion:	152	Resp:	431130
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.2	25.8
153	13.5	11.0	16.6

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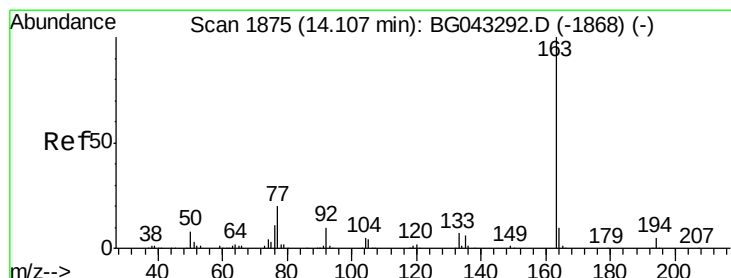
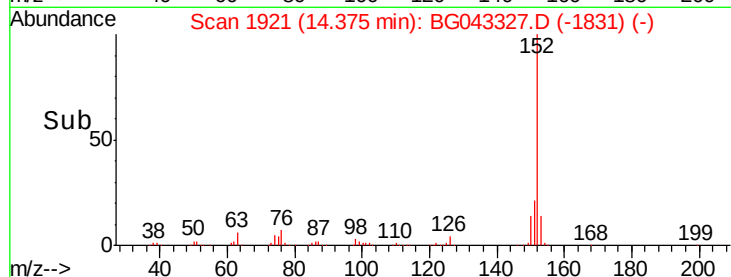
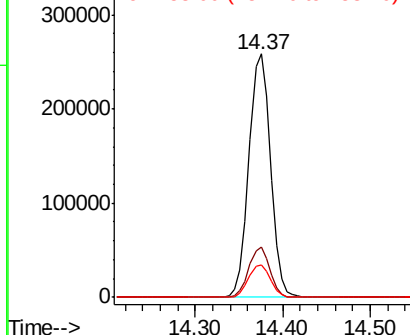


Abundance

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: 38.846 ng

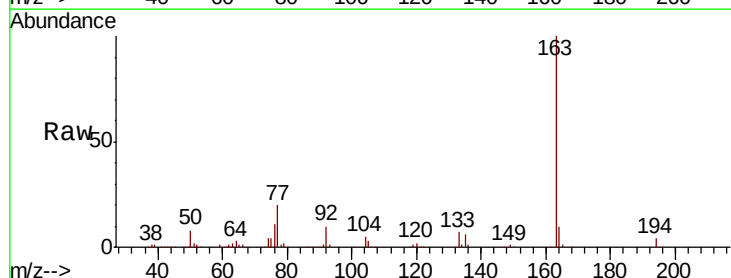
RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:	163	Resp:	352956
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.7	5.5
164	10.4	8.1	12.1

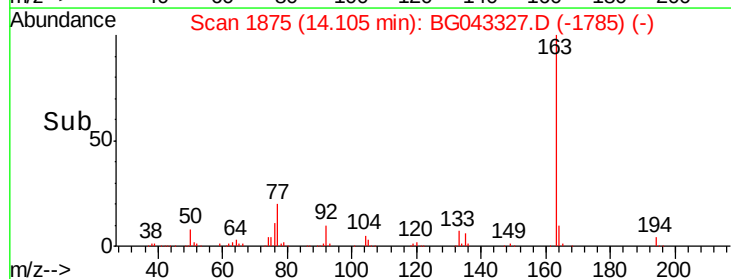
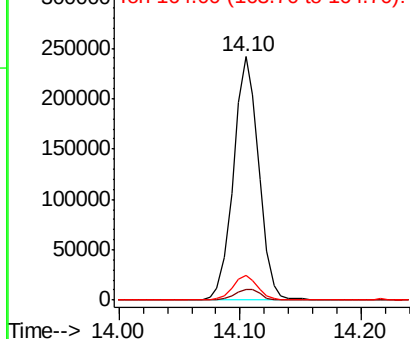


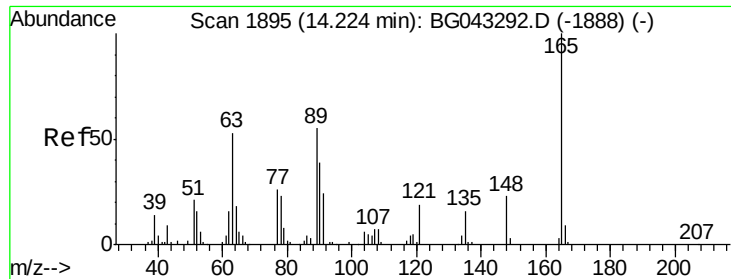
Abundance

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





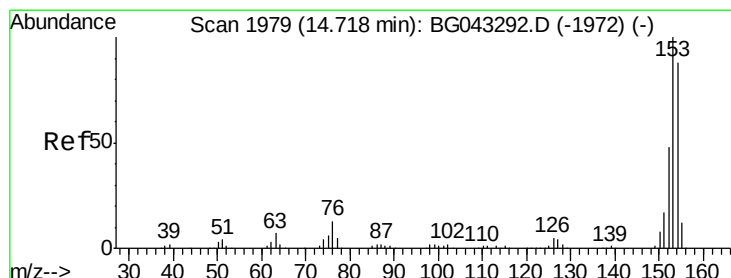
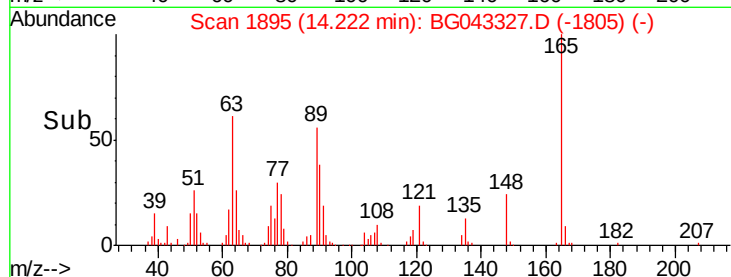
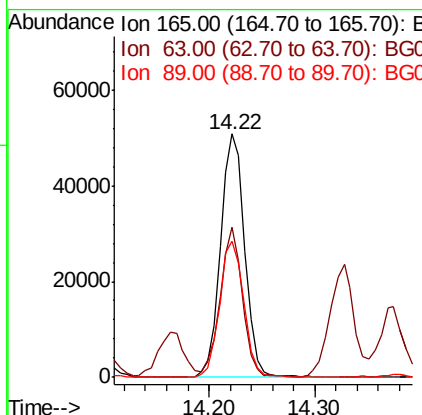
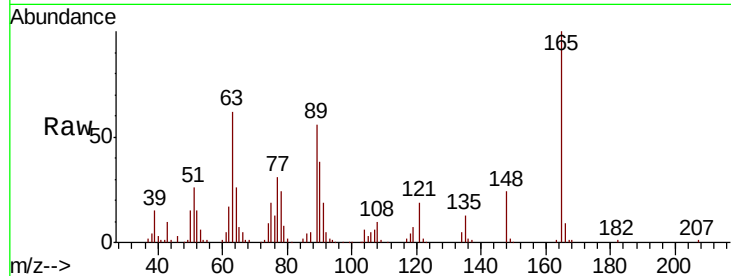
#51
 2,6-Dinitrotoluene
 Concen: 40.841 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.6	47.1	70.7
89	56.0	43.7	65.5

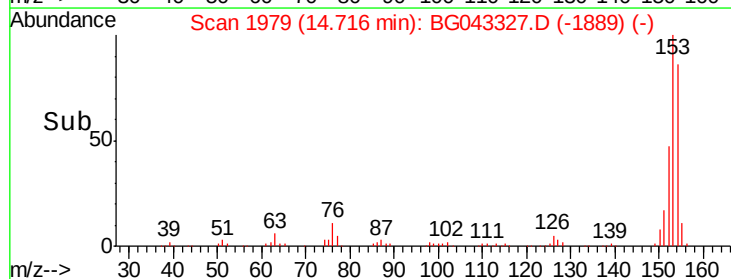
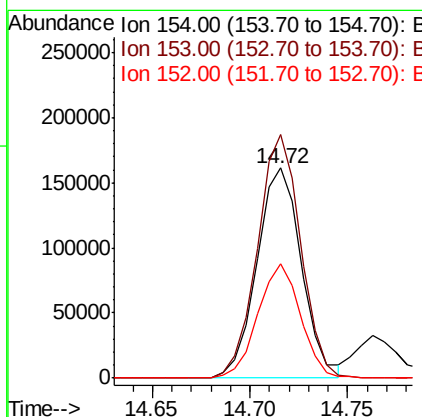
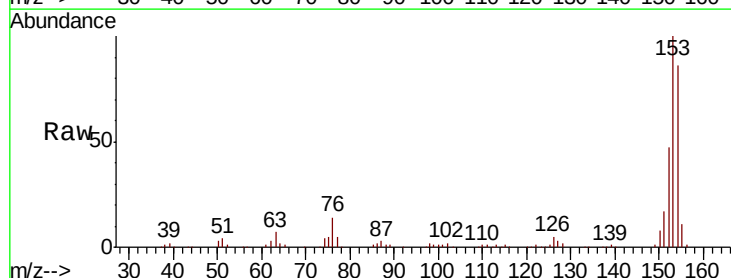
Manual Integrations
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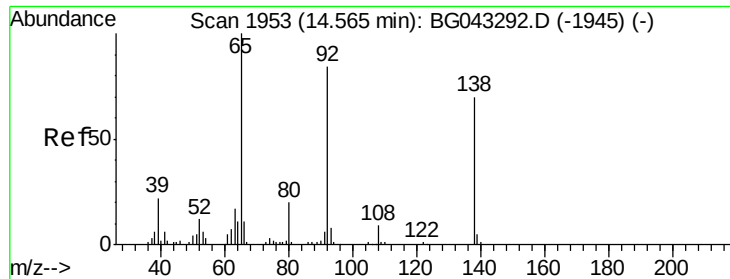
mohammad
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#52
 Acenaphthene
 Concen: 39.639 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	90.9	136.3
152	54.3	43.9	65.9





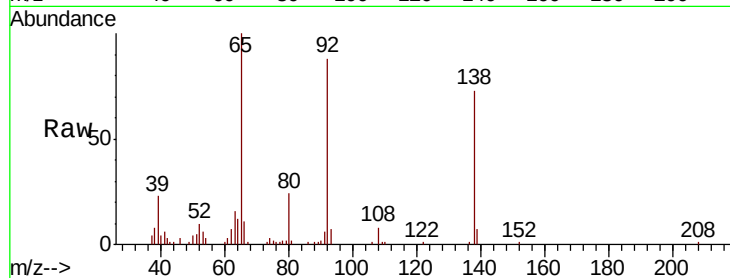
#53
3-Nitroaniline
Concen: 24.914 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

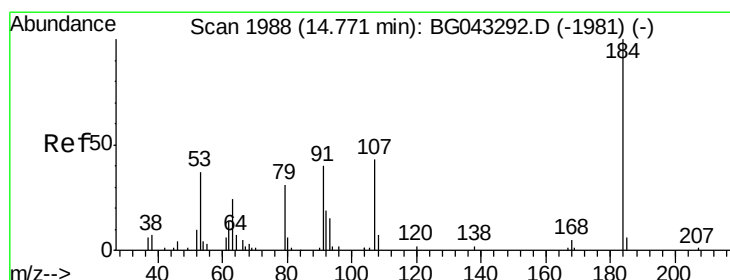
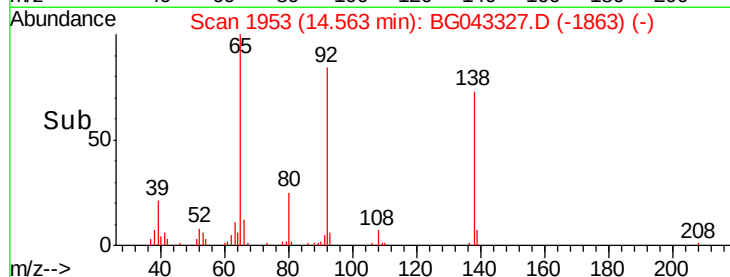
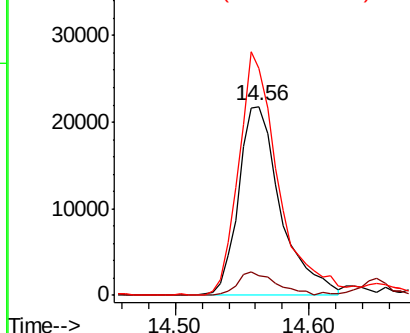
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.8	14.6
92	120.1	95.8	143.6

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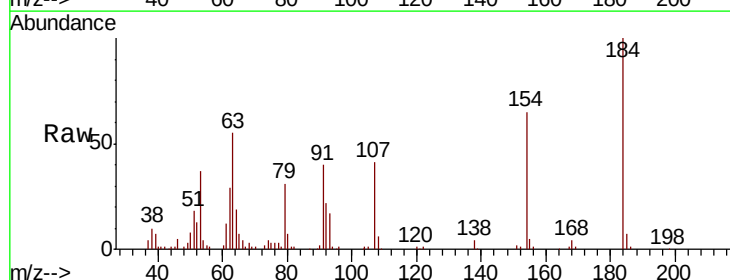


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

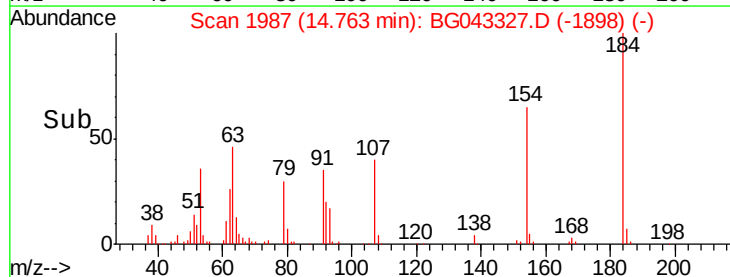
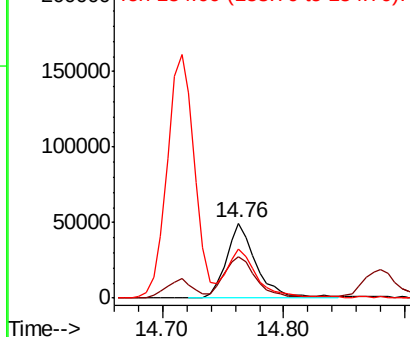


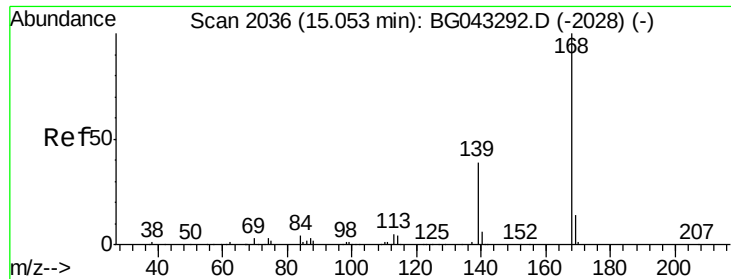
#54
2,4-Dinitrophenol
Concen: 69.969 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.4	48.8	73.2
154	65.1	49.4	74.0



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





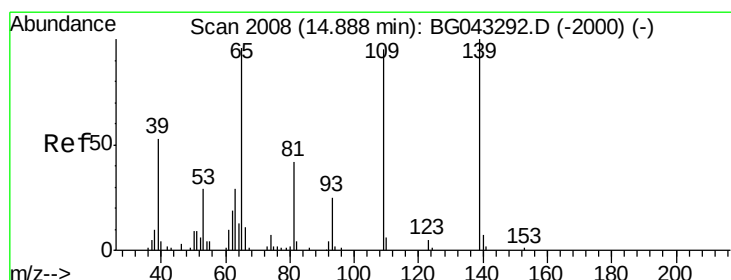
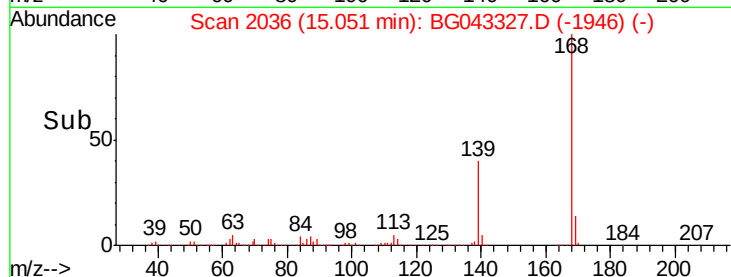
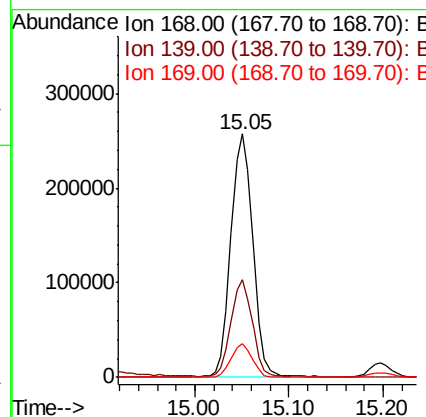
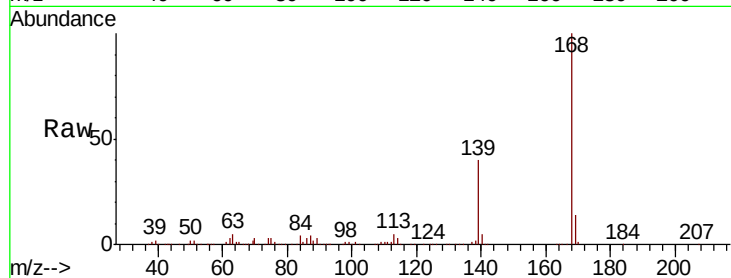
#55
Dibenzofuran
Concen: 40.213 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.0	31.7	47.5
169	13.6	11.0	16.4

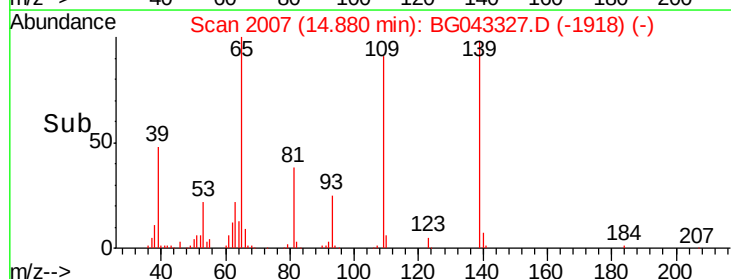
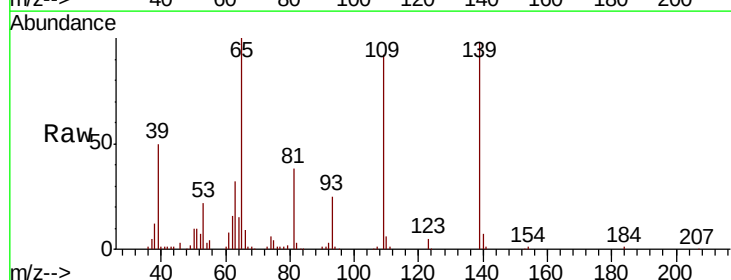
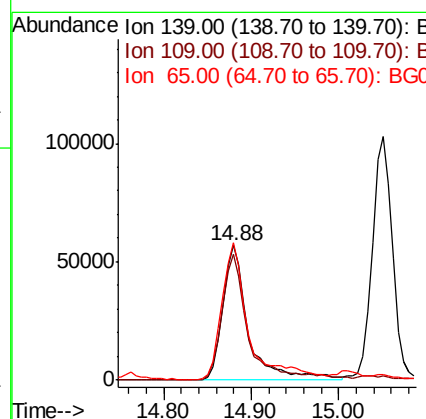
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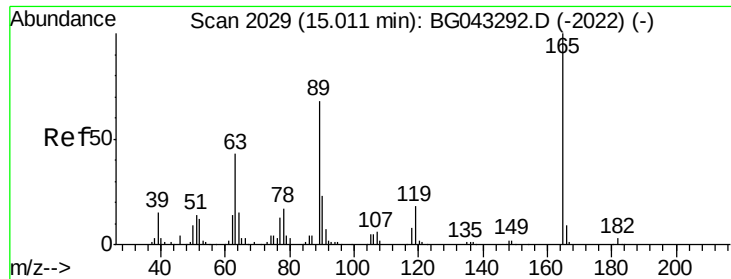
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#56
4-Nitrophenol
Concen: 90.447 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.1	75.4	115.4
65	102.5	76.6	116.6





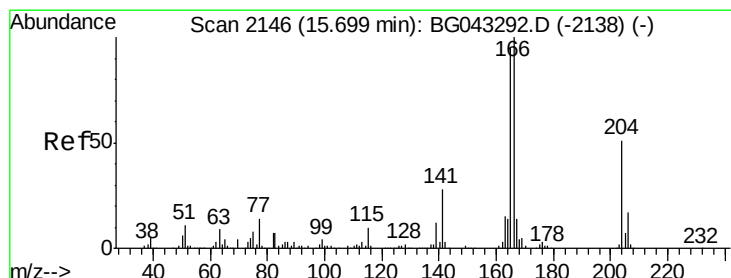
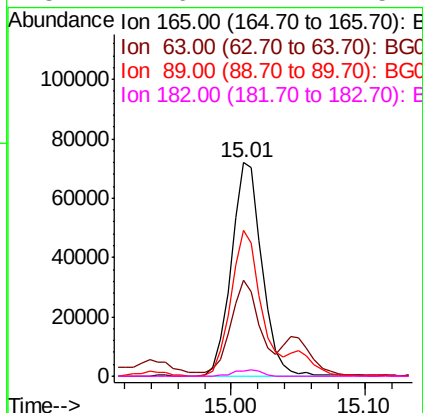
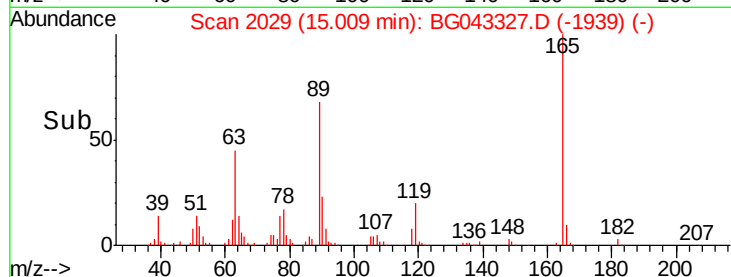
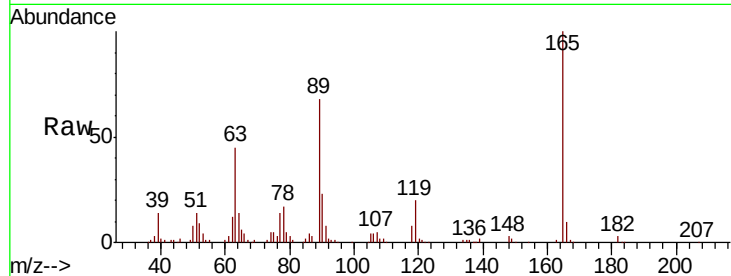
#57
2,4-Dinitrotoluene
Concen: 40.980 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	115602		
63	44.9	35.0	52.6	
89	68.3	54.1	81.1	
182	2.6	2.2	3.2	

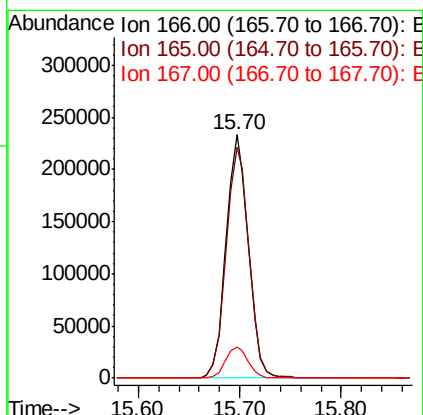
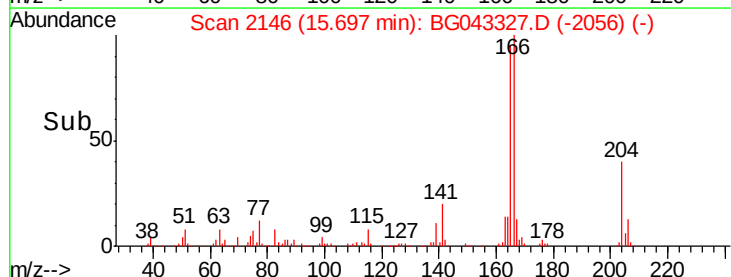
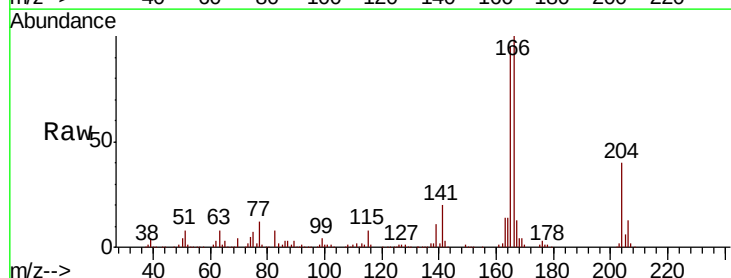
Manual Integrations
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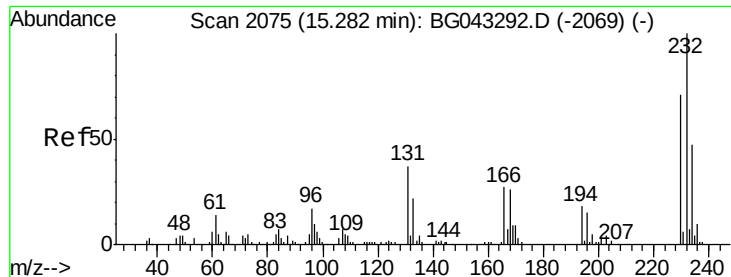
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#58
Fluorene
Concen: 40.605 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	355905		
165	94.8	76.4	114.6	
167	13.0	11.1	16.7	





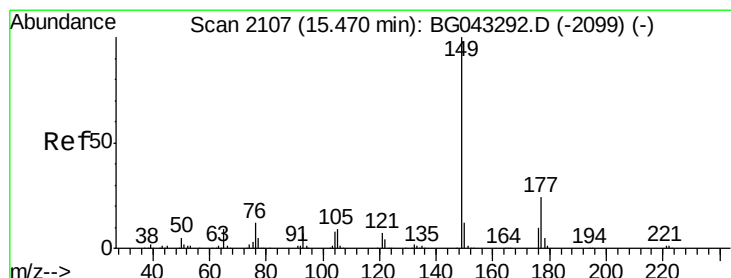
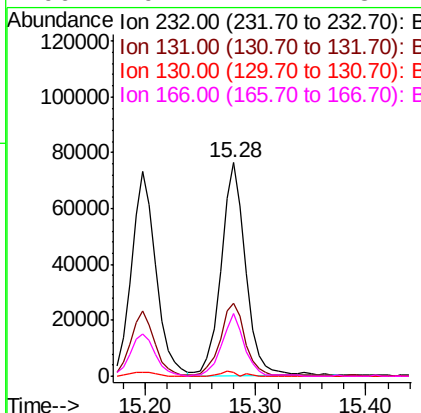
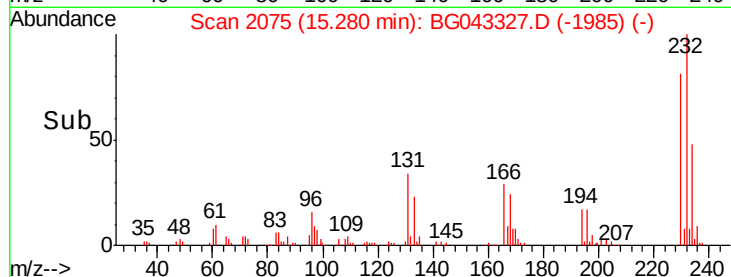
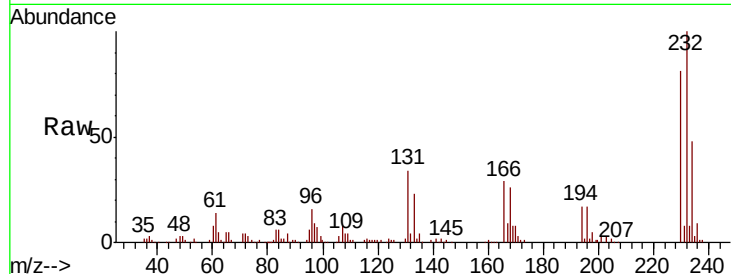
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.887 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	117771		
131	34.0	28.7	43.1	
130	1.9	0.6	0.8	
166	26.4	21.1	31.7	

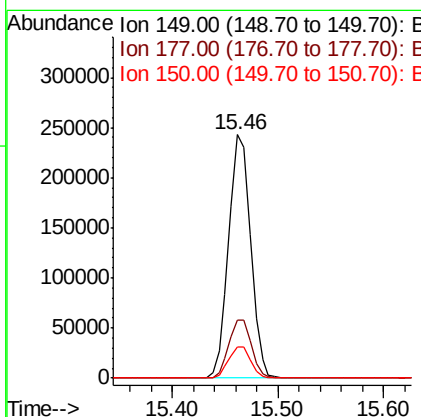
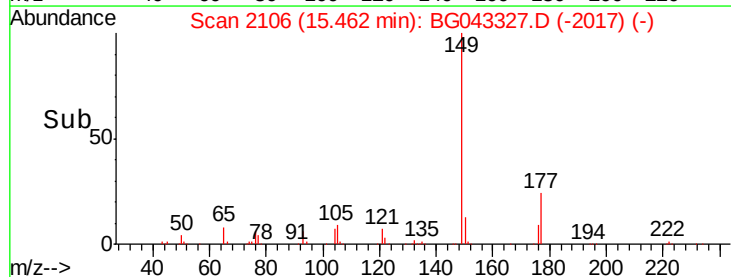
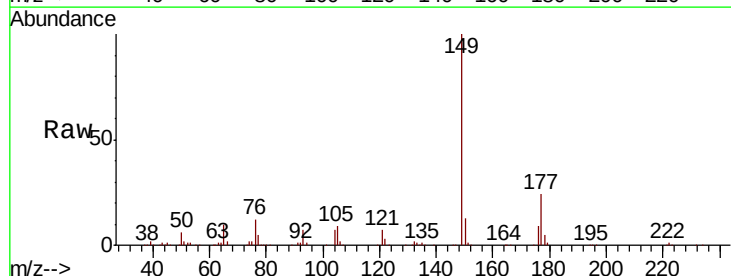
Manual Integrations
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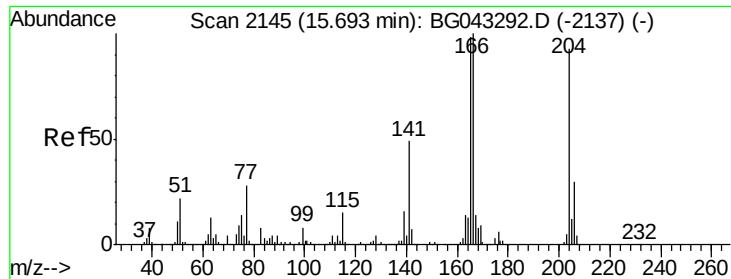
mohammad
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#60
 Diethylphthalate
 Concen: 38.352 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	350137		
177	23.9	19.0	28.4	
150	12.8	9.4	14.0	





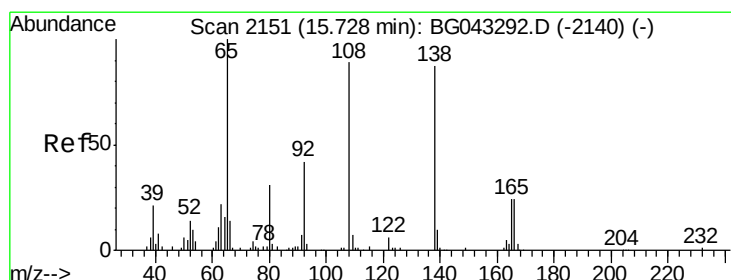
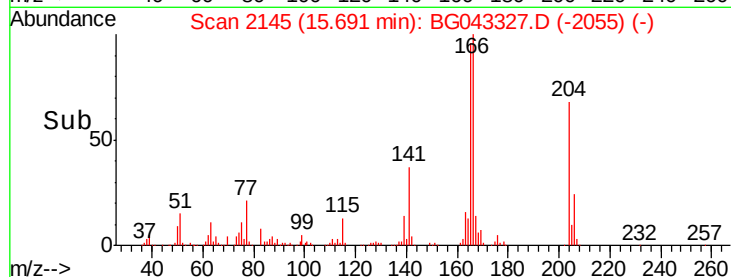
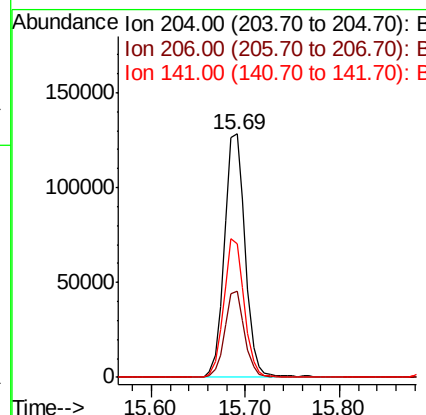
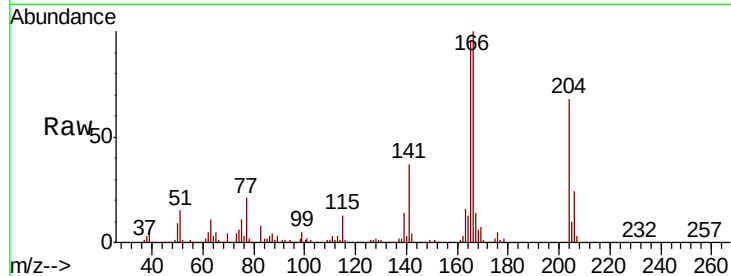
#61
 4-Chlorophenyl-phenylether
 Concen: 38.696 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	25.7	38.5
141	54.8	42.3	63.5

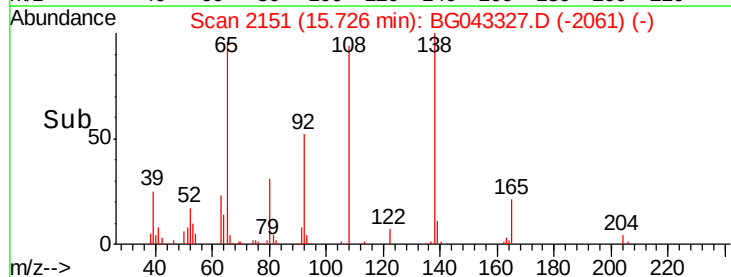
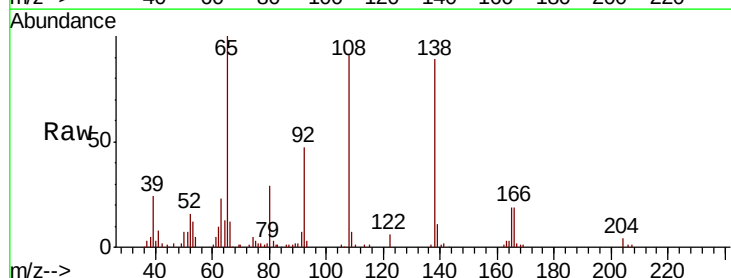
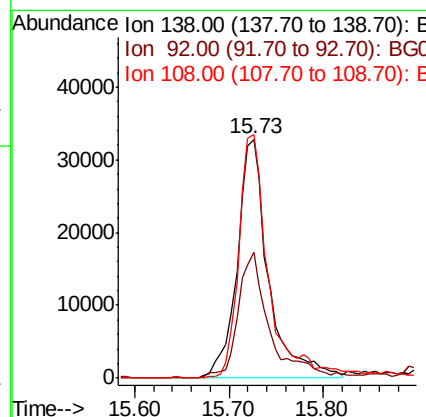
Manual Integrations
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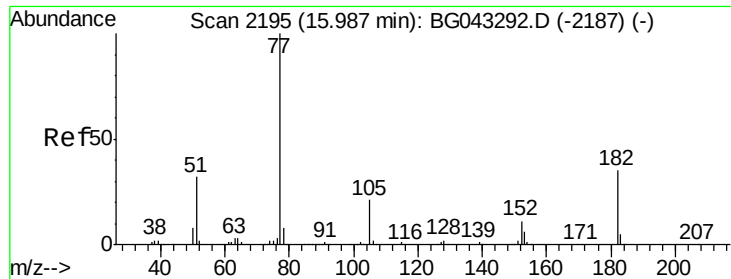
mohammad
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#62
 4-Nitroaniline
 Concen: 38.552 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	28.8	68.8
108	102.0	82.7	122.7





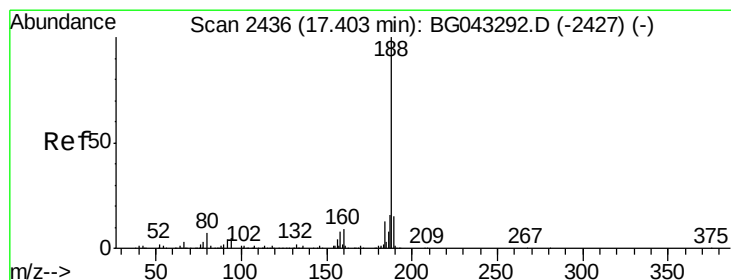
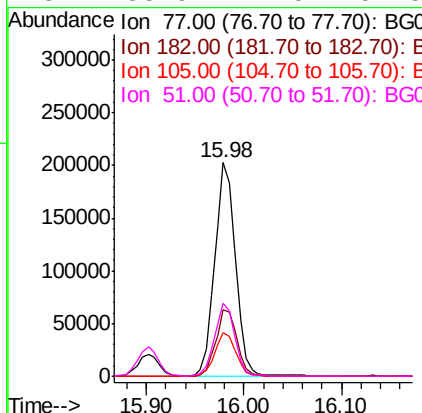
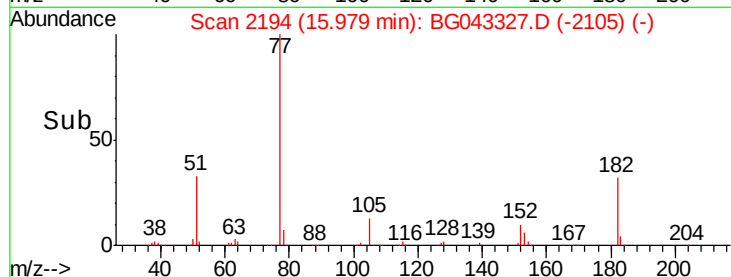
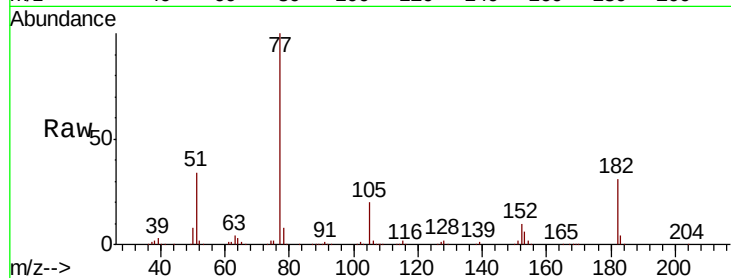
#63
Azobenzene
Concen: 40.303 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		297785		
182	31.0	14.9	54.9		
105	20.5	0.6	40.6		
51	33.9	12.5	52.5		

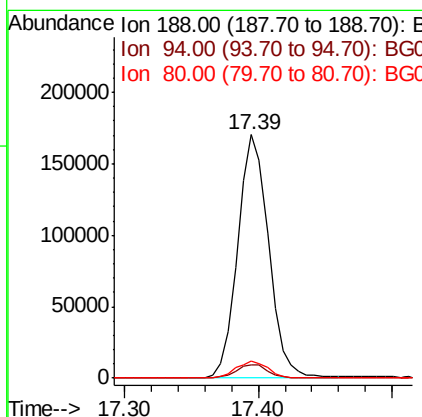
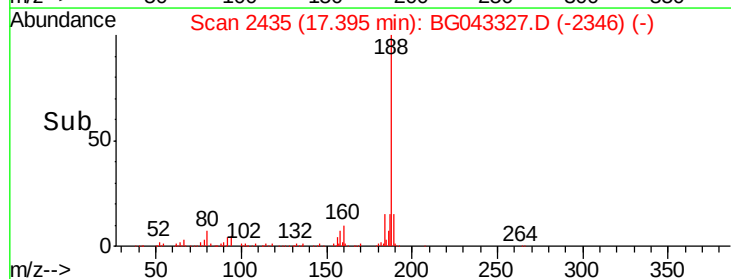
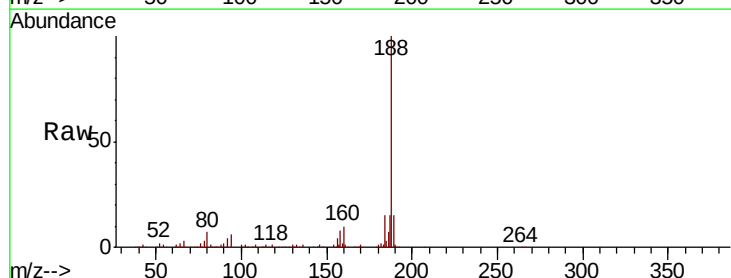
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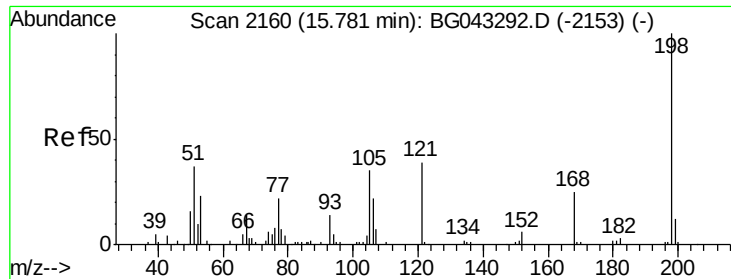
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		273165		
94	5.6	4.2	6.2		
80	6.9	5.2	7.8		





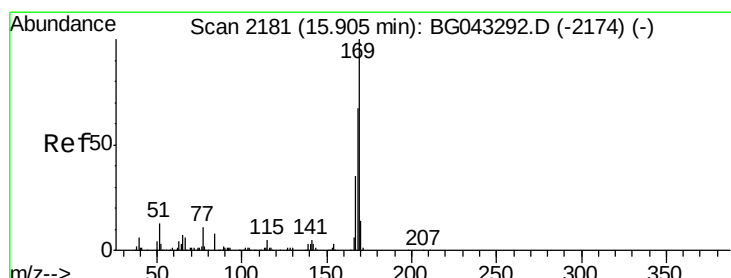
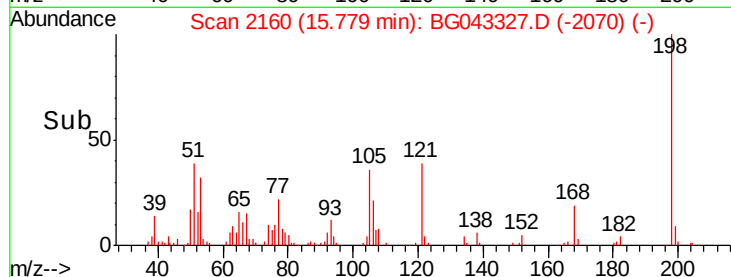
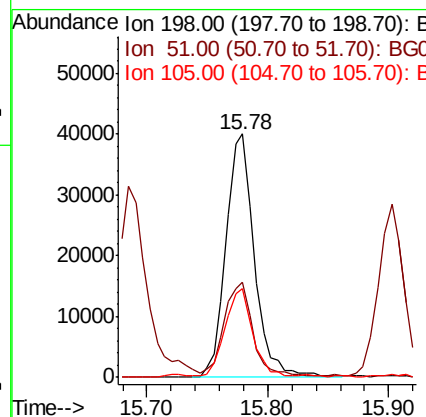
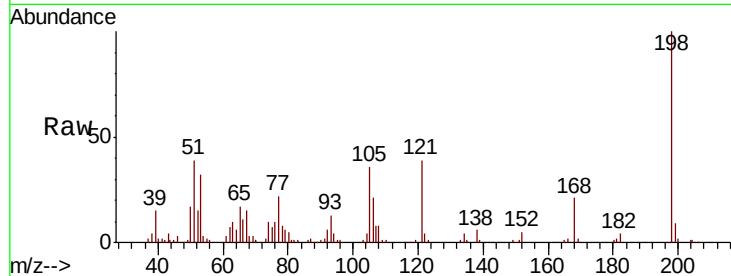
#65
4,6-Dinitro-2-methylphenol
Concen: 40.784 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	65563		
51	39.0		21.4	61.4
105	36.2		16.5	56.5

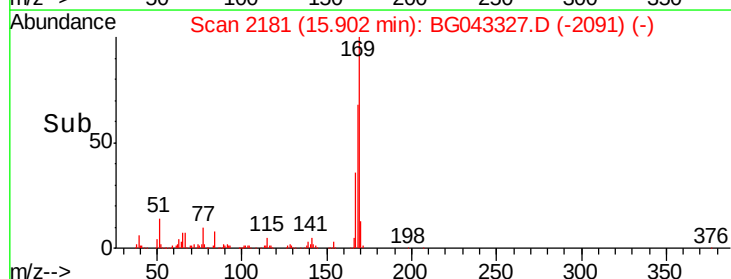
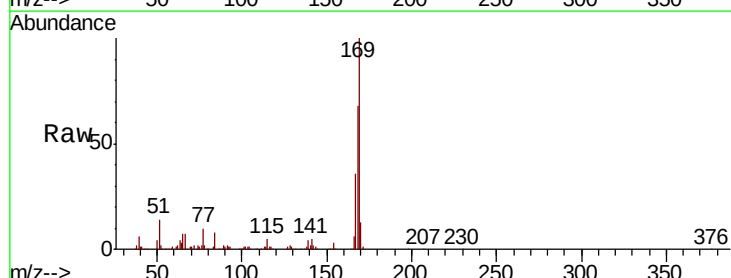
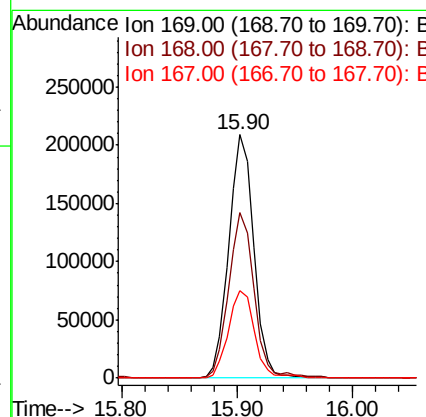
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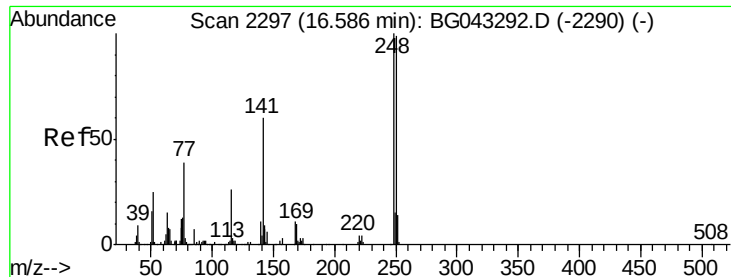
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#66
n-Nitrosodiphenylamine
Concen: 40.880 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	315275		
168	67.9		53.9	80.9
167	36.1		28.3	42.5





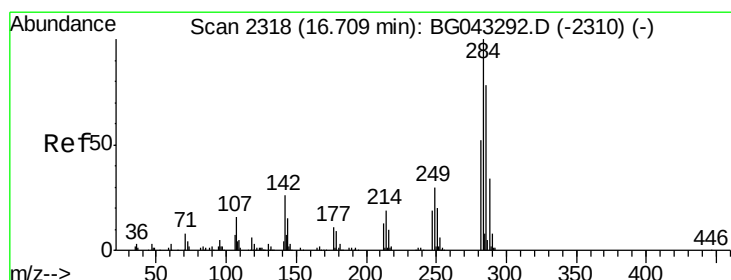
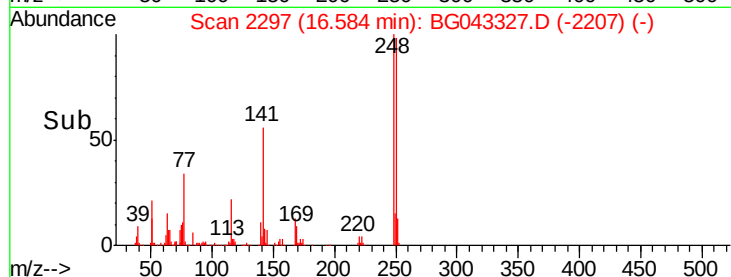
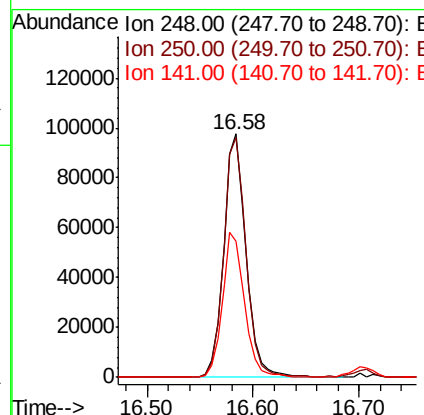
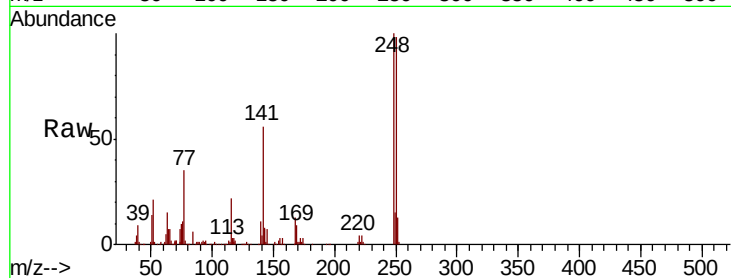
#67
4-Bromophenyl-phenylether
Concen: 39.045 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.3	118.9
141	56.1	47.9	71.9

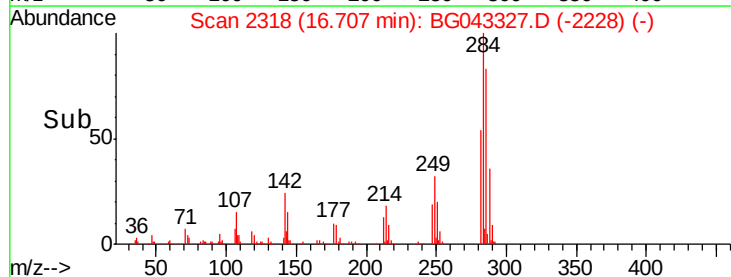
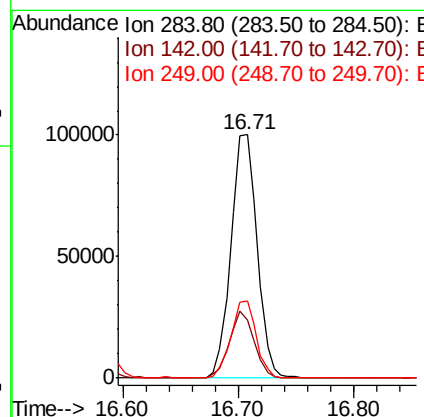
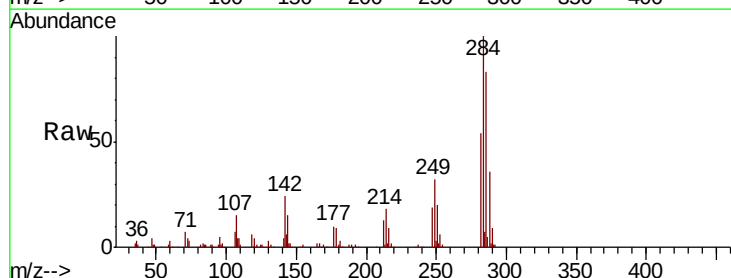
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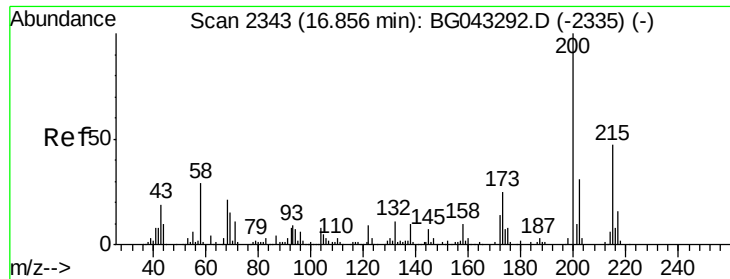
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#68
Hexachlorobenzene
Concen: 37.318 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	21.1	31.7
249	31.6	24.4	36.6





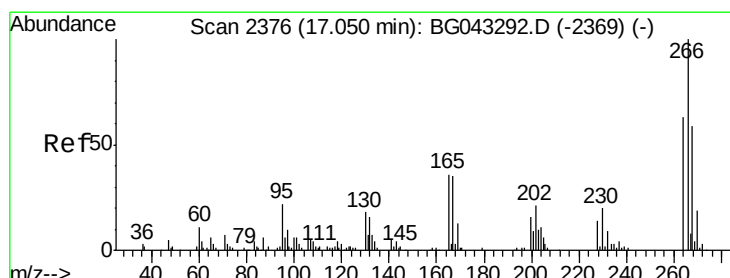
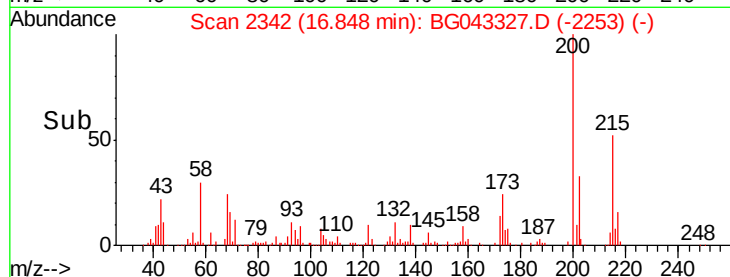
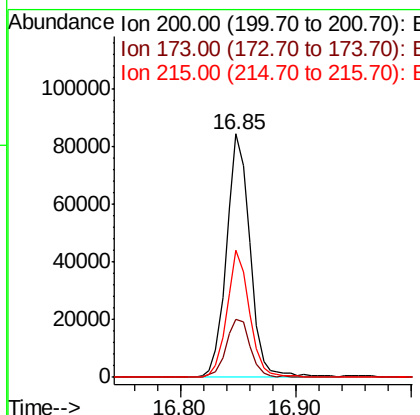
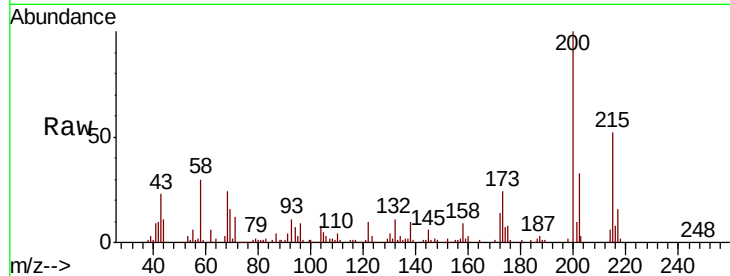
#69
Atrazine
Concen: 44.461 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	119147		
173	23.9	5.1	45.1	
215	52.0	26.6	66.6	

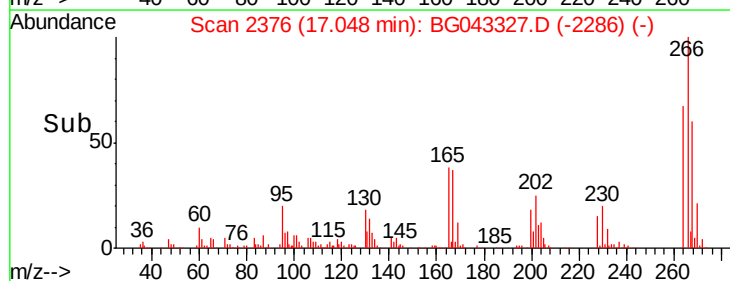
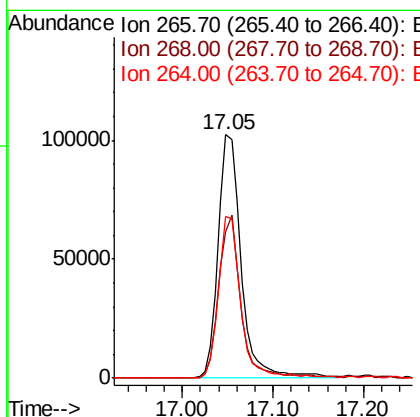
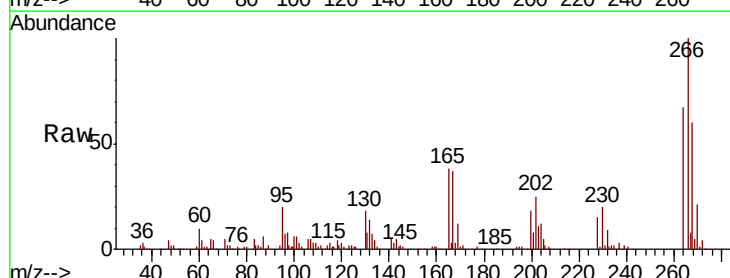
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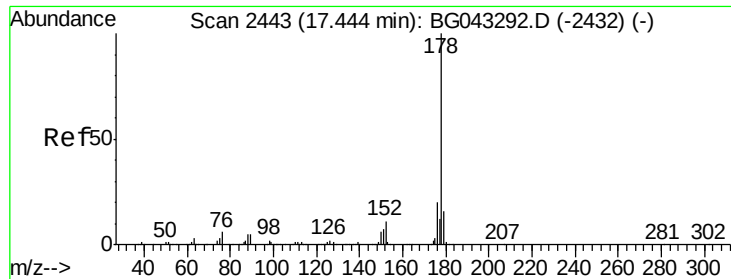
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#70
Pentachlorophenol
Concen: 93.926 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	180602		
268	60.1	47.1	70.7	
264	66.6	50.4	75.6	





#71

Phenanthrene

Concen: 40.186 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

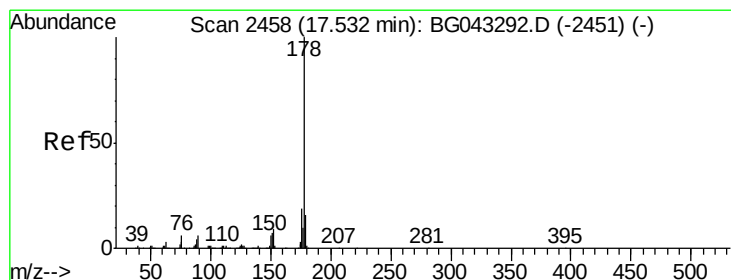
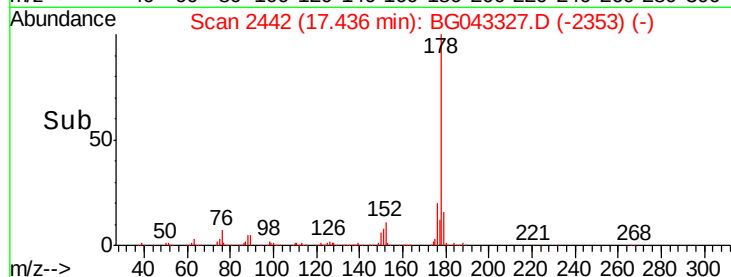
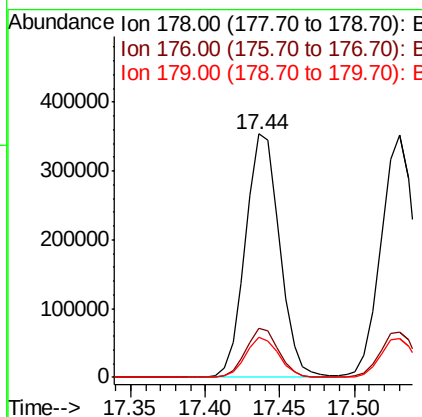
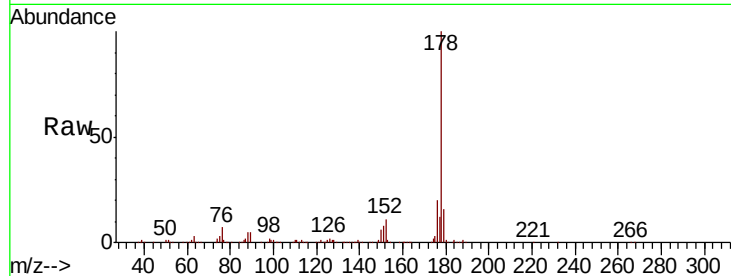
ClientSampleId :

PB124226BSD

Tot Ion:178	Resp:	562126
Ion Ratio	Lower	Upper
178	100	
176	20.2	15.8 23.8
179	16.4	13.1 19.7

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#72

Anthracene

Concen: 40.762 ng

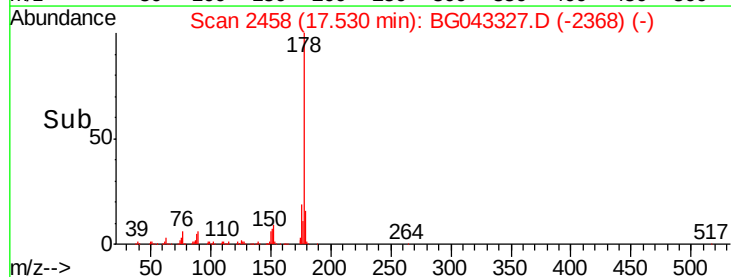
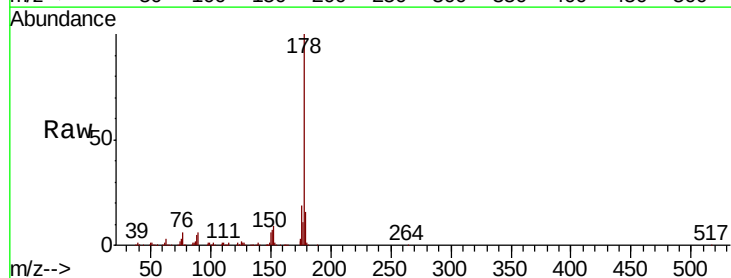
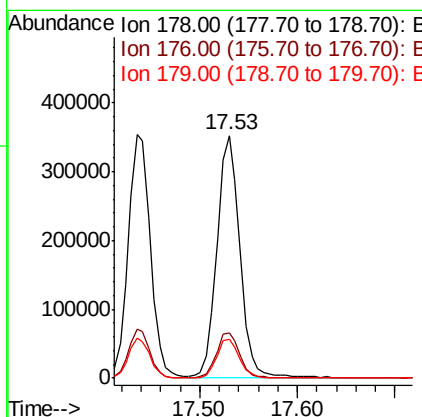
RT: 17.53 min Scan# 2458

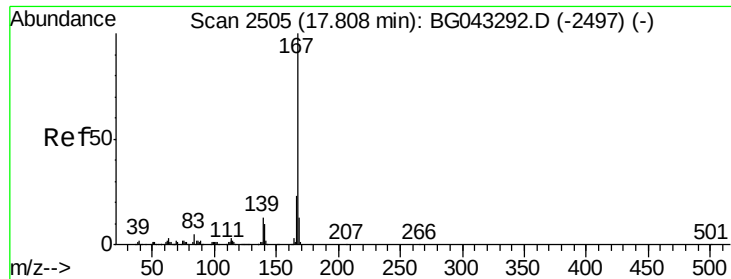
Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:178	Resp:	570477
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.1 22.7
179	15.9	13.0 19.6





#73

Carbazole

Concen: 40.613 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

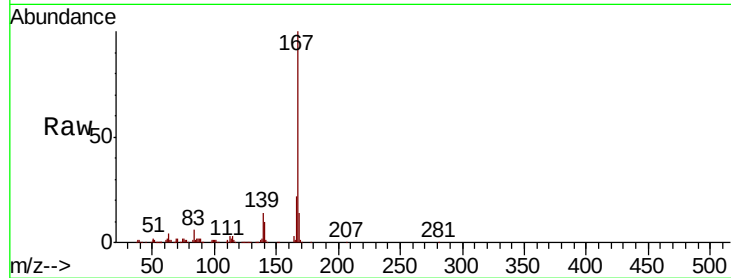
ClientSampleId :

PB124226BSD

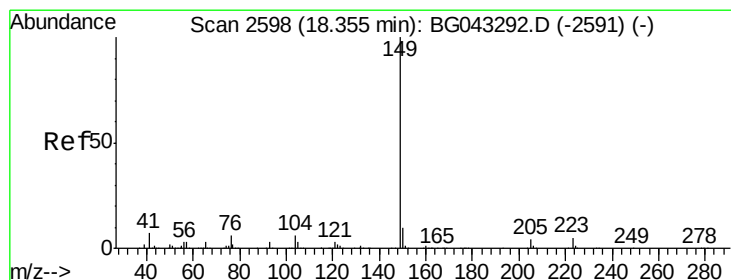
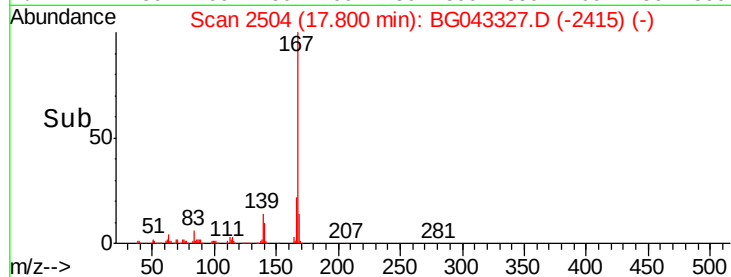
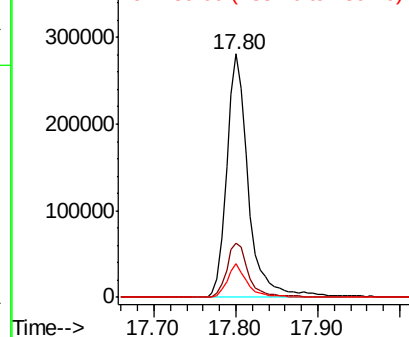
Tot Ion:	167	Resp:	514721
Ion Ratio	Lower	Upper	
167	100		
166	22.2	18.4	27.6
139	13.6	10.2	15.4

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.472 ng

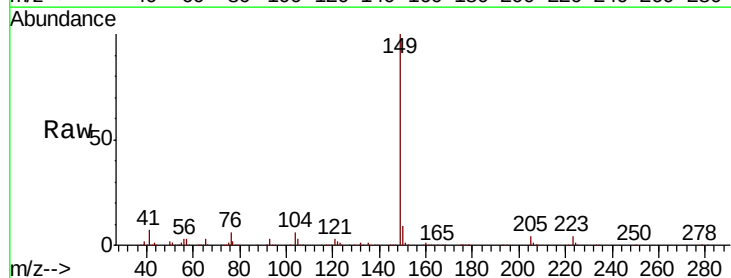
RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

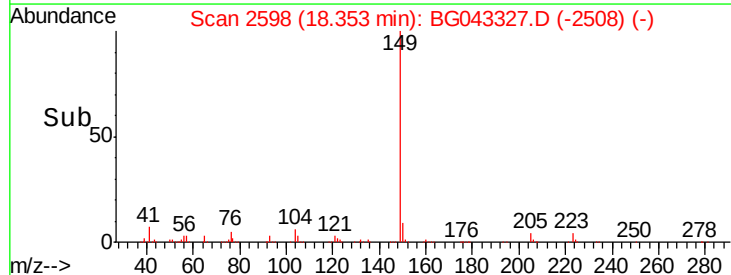
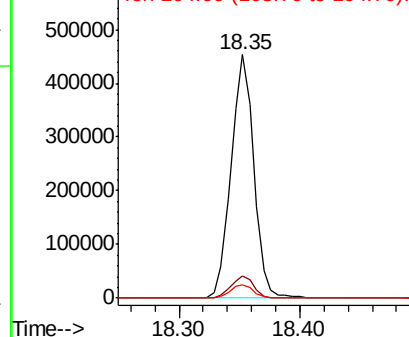
Lab File: BG043327.D

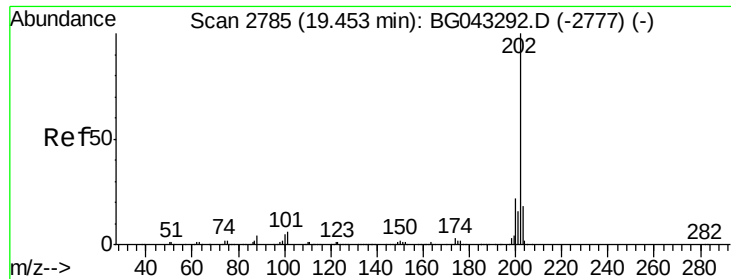
Acq: 24 Oct 2019 12:26

Tgt Ion:	149	Resp:	591620
Ion Ratio	Lower	Upper	
149	100		
150	9.3	8.0	12.0
104	5.7	4.7	7.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.486 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

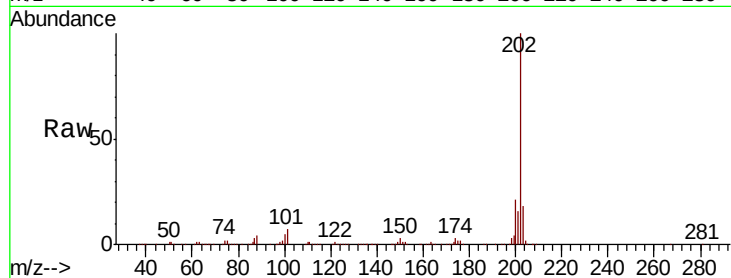
ClientSampleId :

PB124226BSD

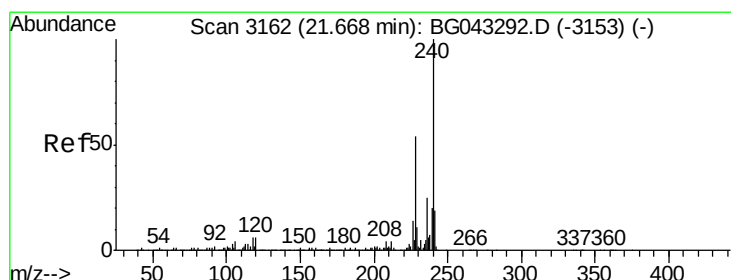
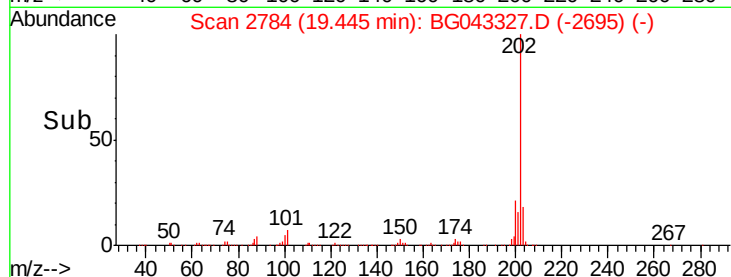
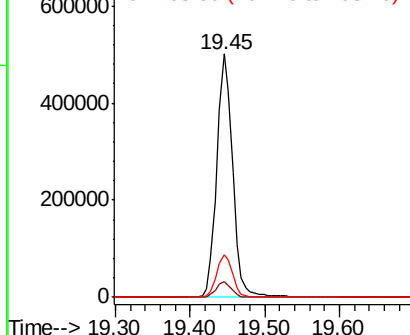
Tot Ion:	202	Resp:	738306
Ion Ratio		Lower	Upper
202	100		
101	6.5	0.0	26.0
203	17.7	0.0	38.2

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



#76

Chrysene-d12

Concen: 20.000 ng

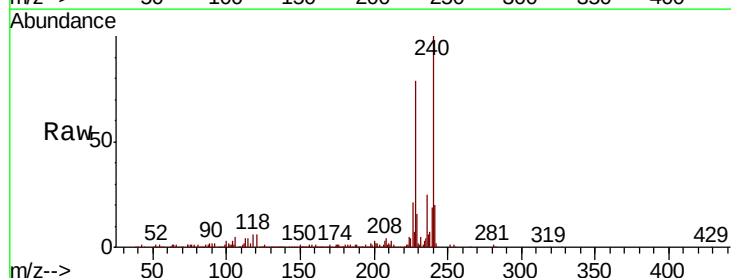
RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

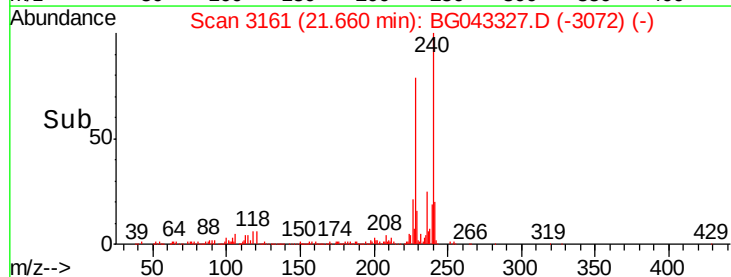
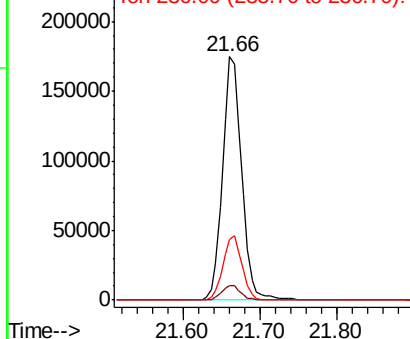
Lab File: BG043327.D

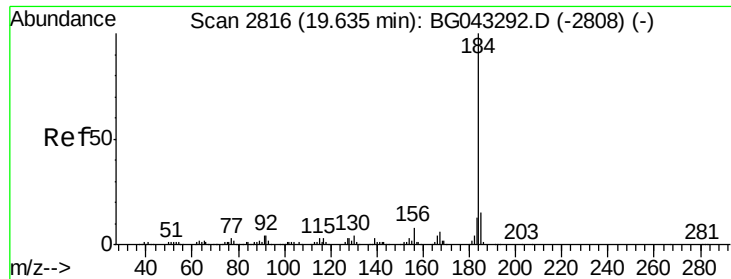
Acq: 24 Oct 2019 12:26

Tgt Ion:	240	Resp:	301844
Ion Ratio		Lower	Upper
240	100		
120	6.1	4.6	7.0
236	24.9	20.2	30.4



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





#77

Benzidine

Concen: 46.034 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

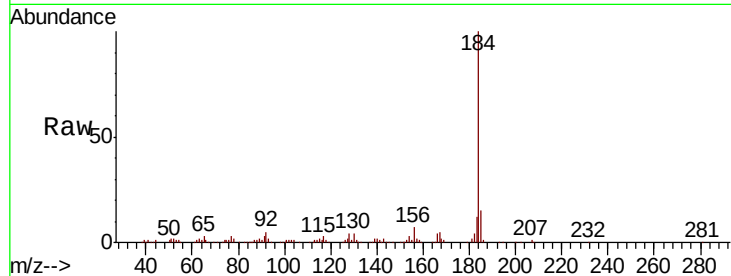
ClientSampleId :

PB124226BSD

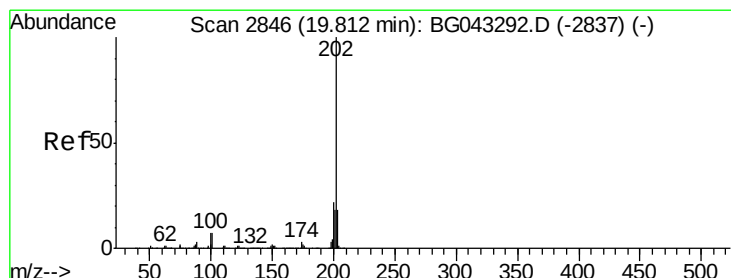
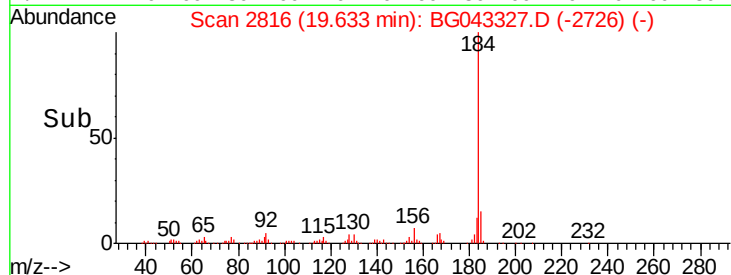
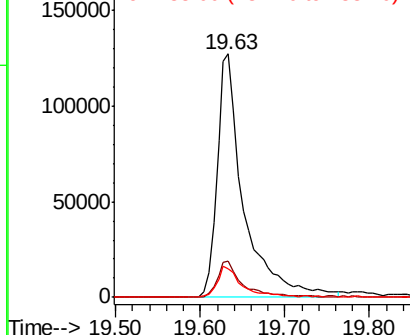
Tot Ion:	184	Resp:	279640
Ion Ratio	Lower	Upper	
184	100		
185	15.2	11.8	17.6
183	11.7	10.6	16.0

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



#78

Pyrene

Concen: 40.111 ng

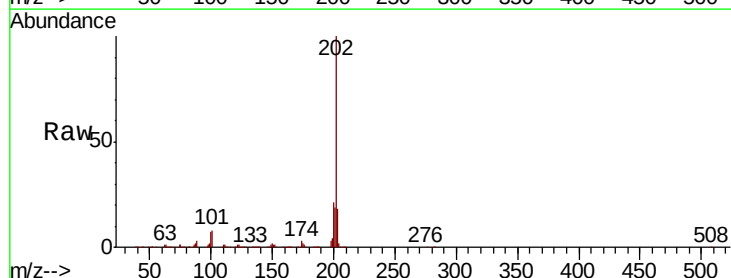
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

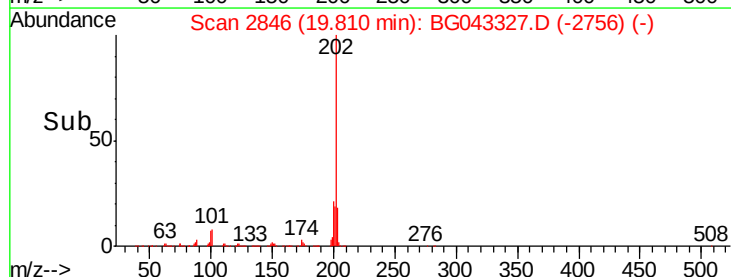
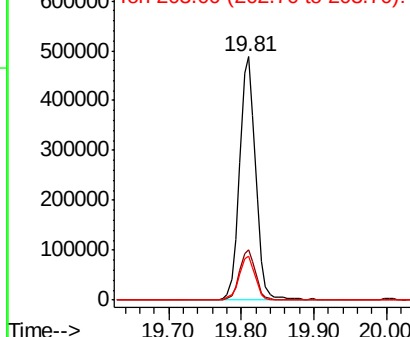
Lab File: BG043327.D

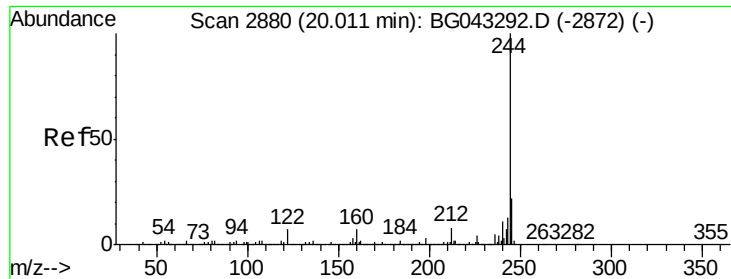
Acq: 24 Oct 2019 12:26

Tgt Ion:	202	Resp:	749432
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.3	25.9
203	18.1	14.5	21.7



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





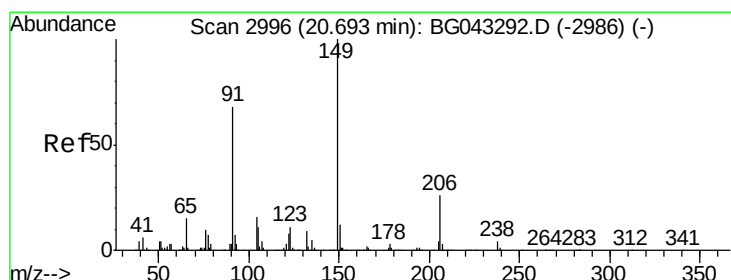
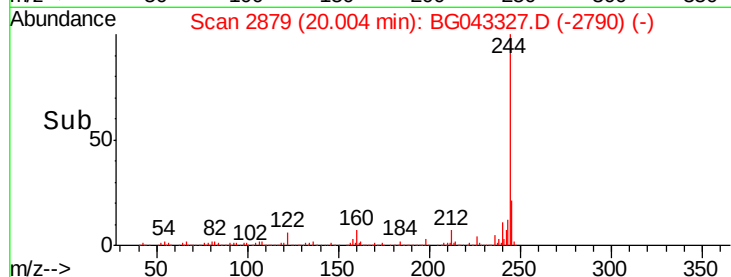
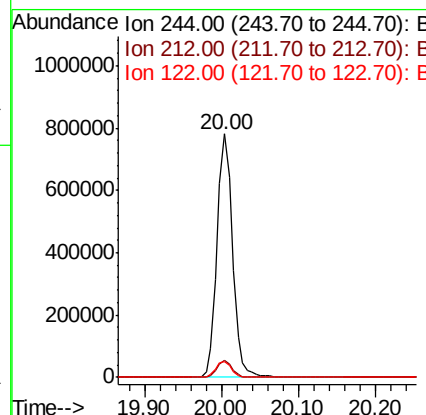
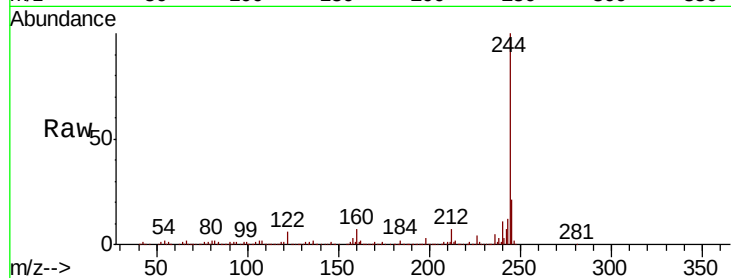
#79
Terphenyl-d14
Concen: 67.402 ng
RT: 20.00 min Scan# 2879
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion:244 Resp: 1084457
Ion Ratio Lower Upper
244 100
212 7.0 6.4 9.6
122 6.3 5.3 7.9

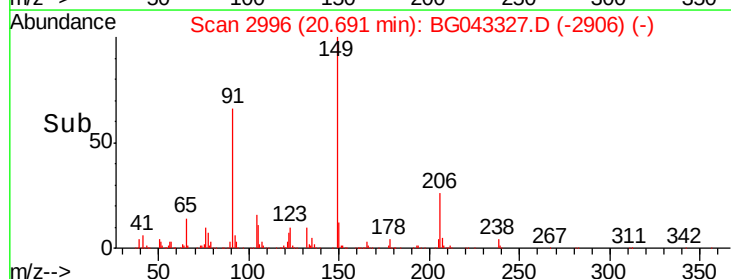
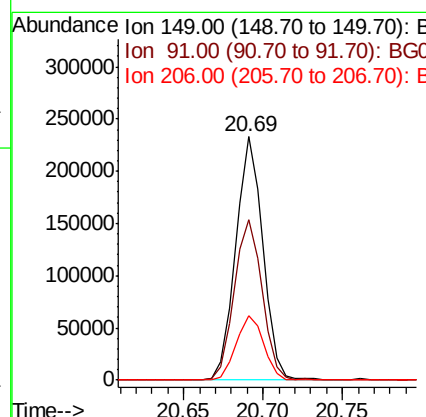
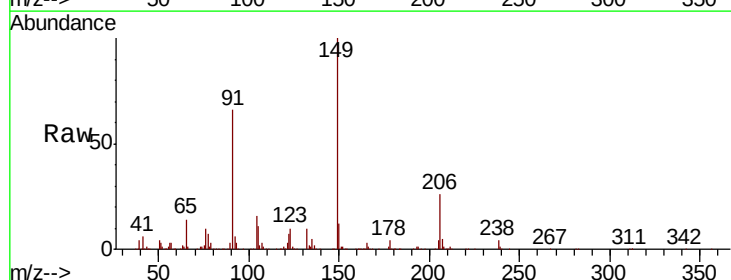
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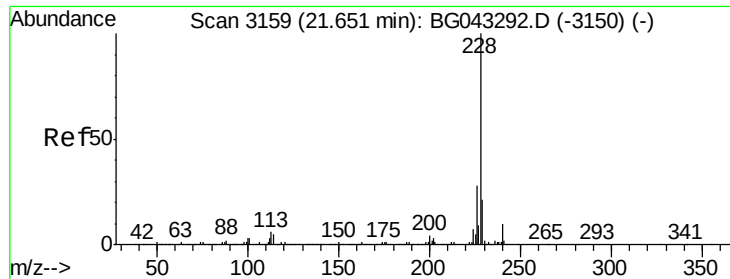
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#80
Butylbenzylphthalate
Concen: 39.081 ng
RT: 20.69 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:149 Resp: 276633
Ion Ratio Lower Upper
149 100
91 65.9 54.6 82.0
206 26.4 20.5 30.7





#81

Benzo(a)anthracene

Concen: 39.785 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

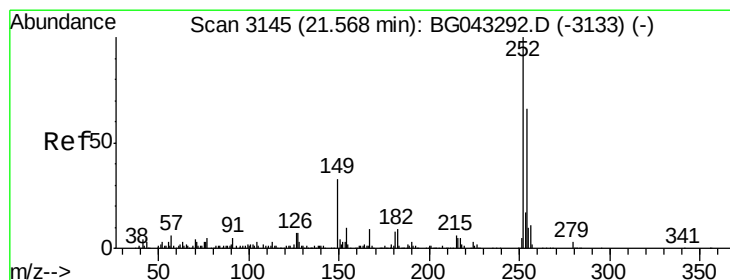
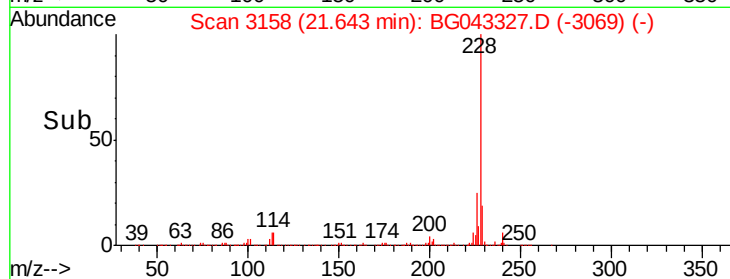
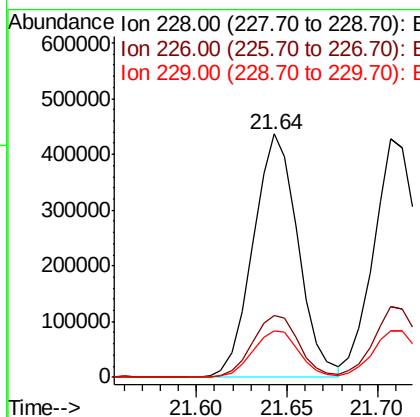
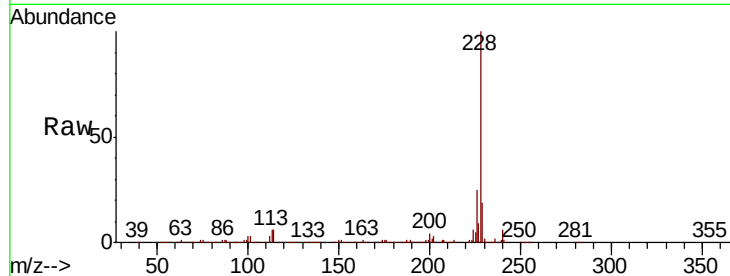
ClientSampleId :

PB124226BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		752221		
226	25.4		22.2	33.4	
229	19.3		16.9	25.3	

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#82

3,3'-Dichlorobenzidine

Concen: 29.728 ng

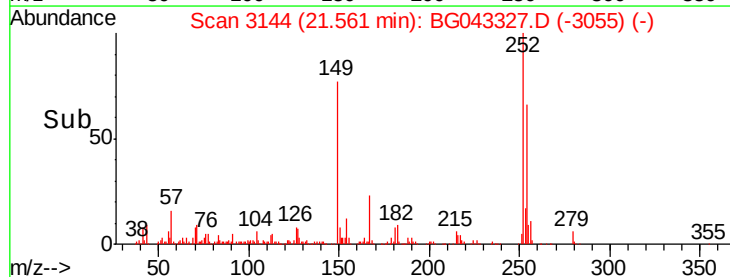
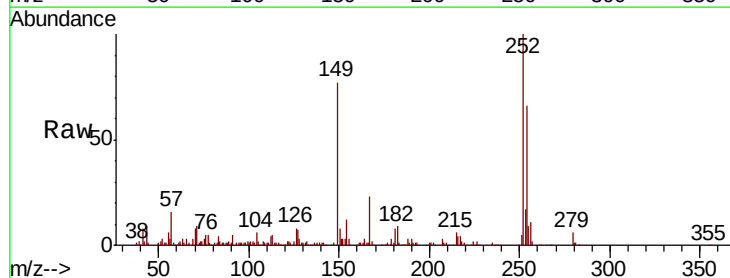
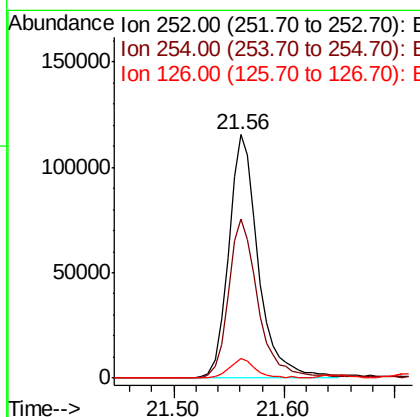
RT: 21.56 min Scan# 3144

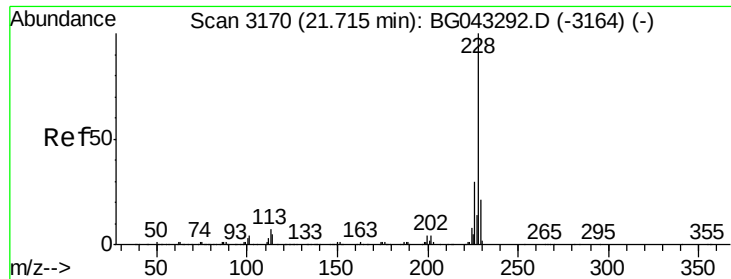
Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		217398		
254	65.6		52.7	79.1	
126	7.9		5.6	8.4	





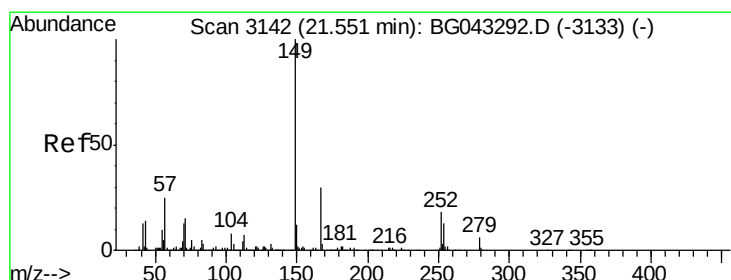
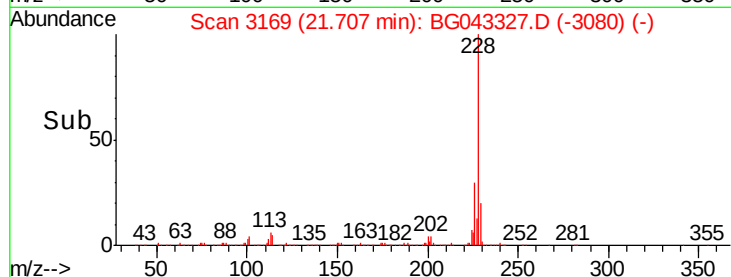
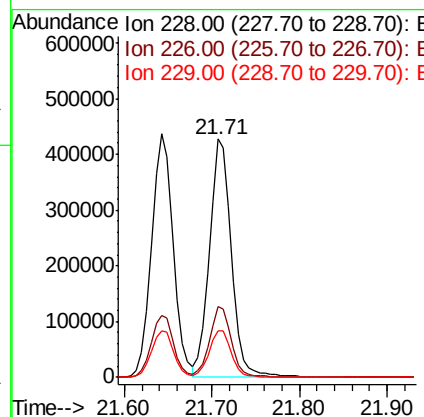
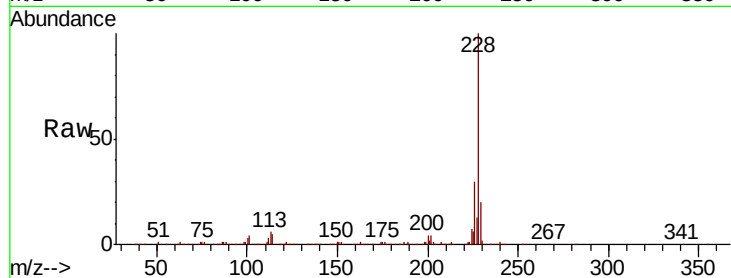
#83
 Chrvsene
 Concen: 39.646 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	19.8	16.3	24.5

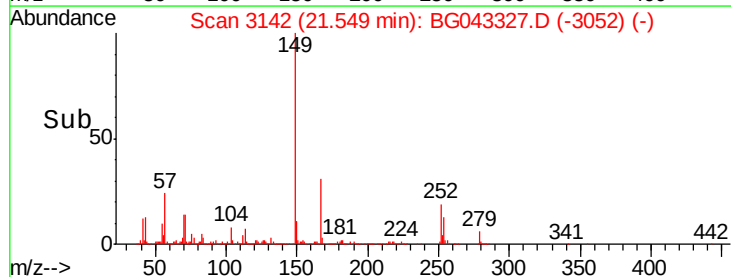
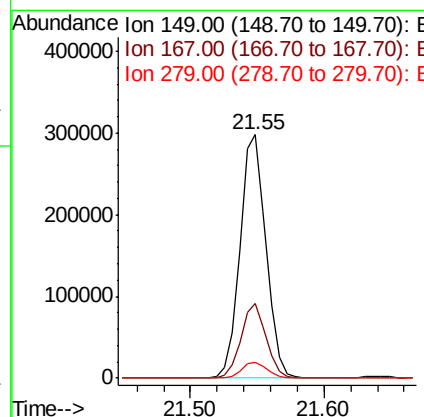
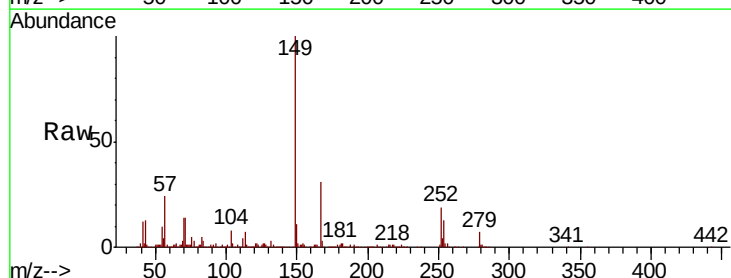
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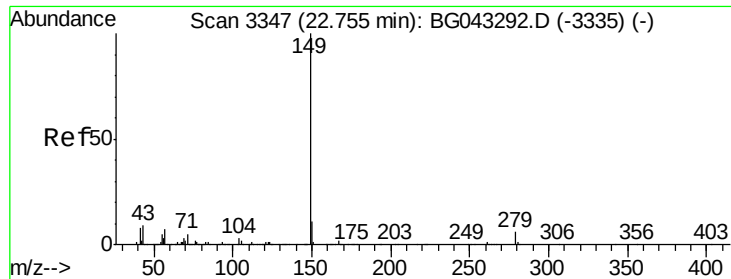
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.801 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.8	23.9	35.9
279	6.5	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 40.298 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

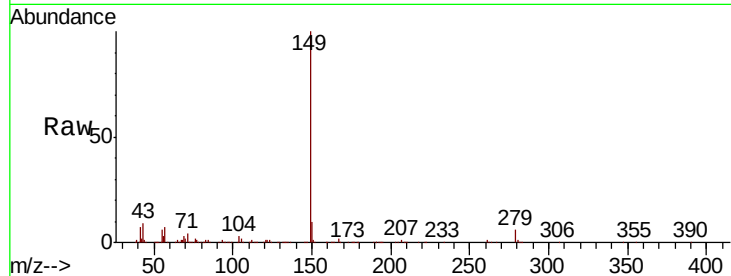
ClientSampleId :

PB124226BSD

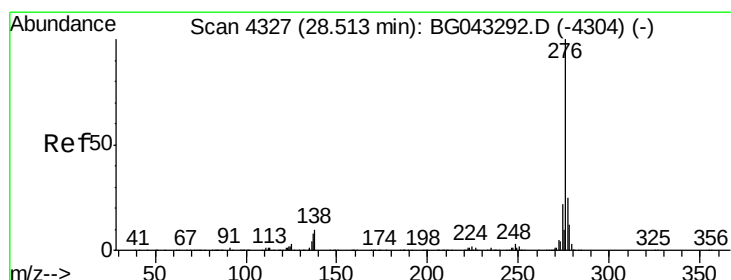
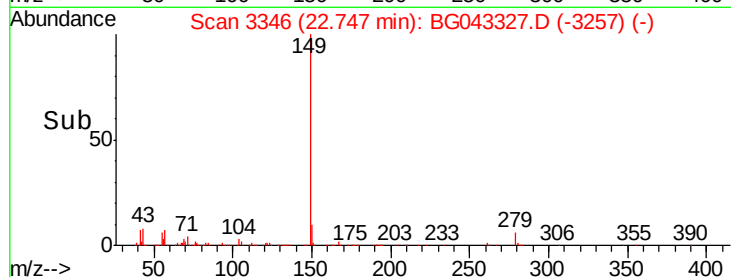
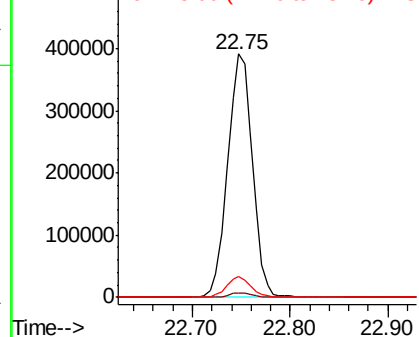
Tot Ion:	149	Resp:	687457
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.4	6.9	10.3

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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: 39.986 ng

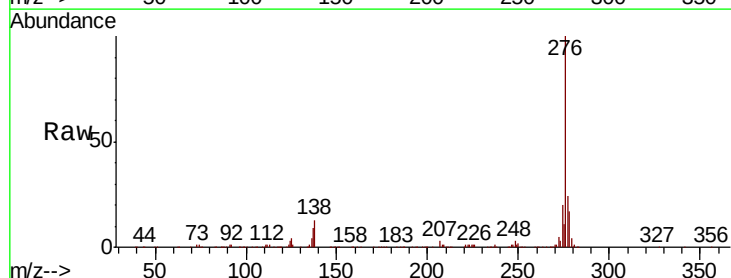
RT: 28.51 min Scan# 4326

Delta R.T. -0.01 min

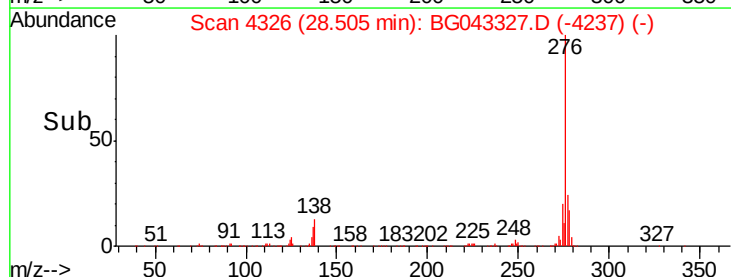
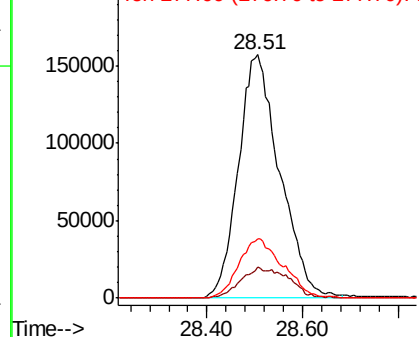
Lab File: BG043327.D

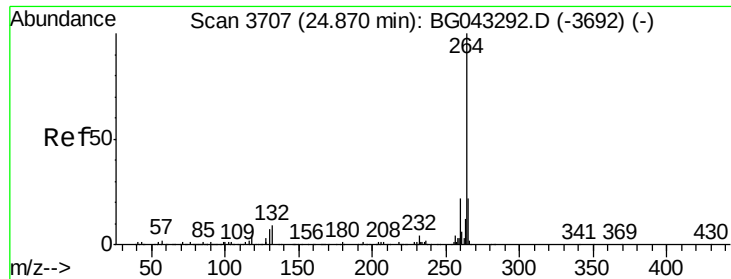
Acq: 24 Oct 2019 12:26

Tgt Ion:	276	Resp:	942918
Ion Ratio	Lower	Upper	
276	100		
138	14.5	7.2	10.8#
277	25.8	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: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

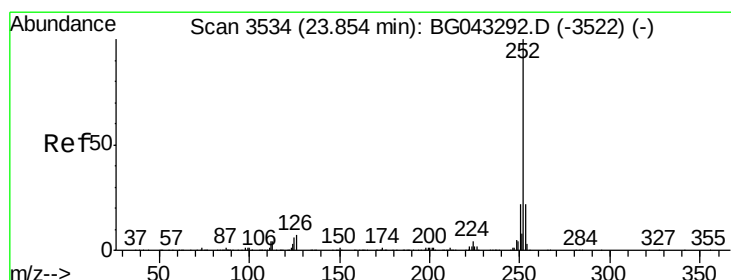
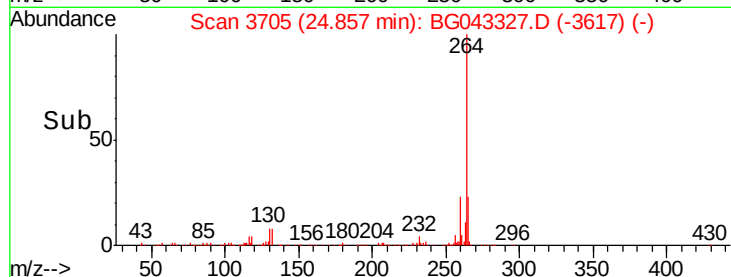
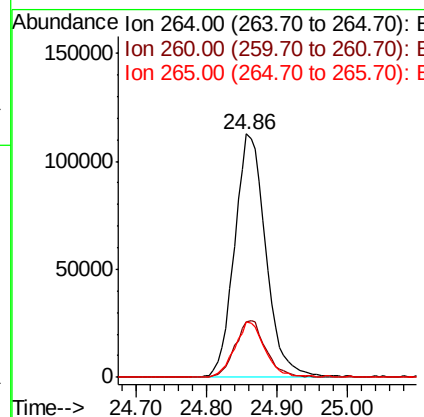
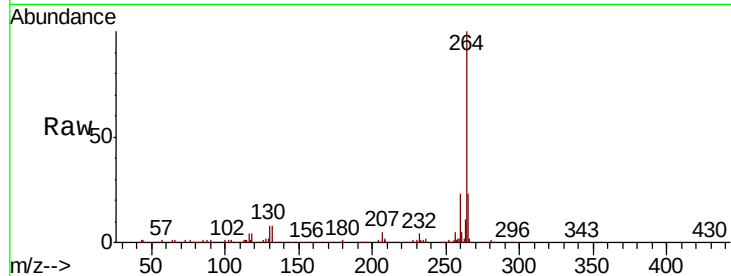
ClientSampleId :

PB124226BSD

Tot Ion:	264	Resp:	346655
Ion Ratio		Lower	Upper
264	100		
260	22.7	17.9	26.9
265	23.0	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 40.505 ng

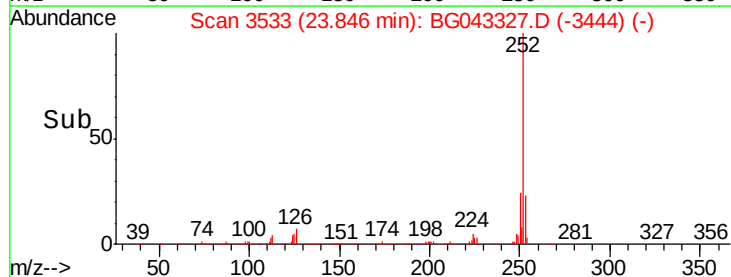
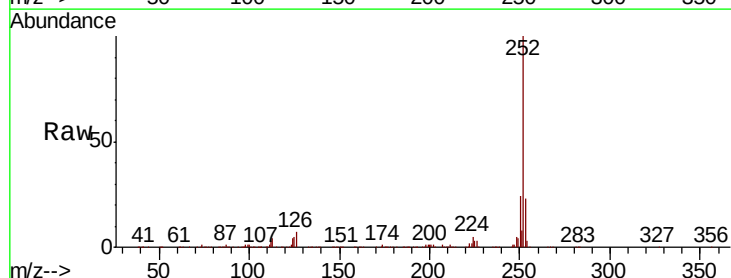
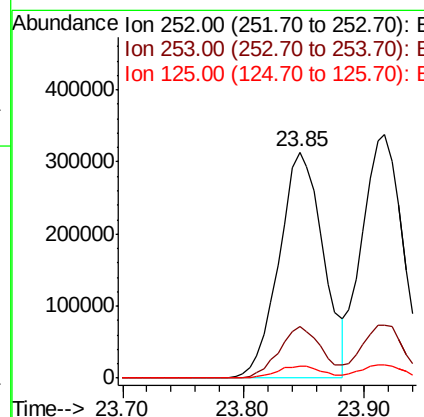
RT: 23.85 min Scan# 3533

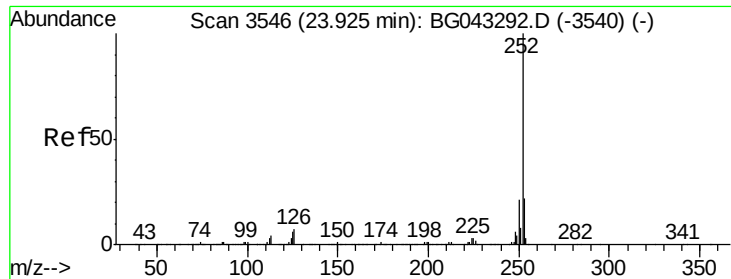
Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:	252	Resp:	795260
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.4	26.2
125	5.4	5.0	7.6





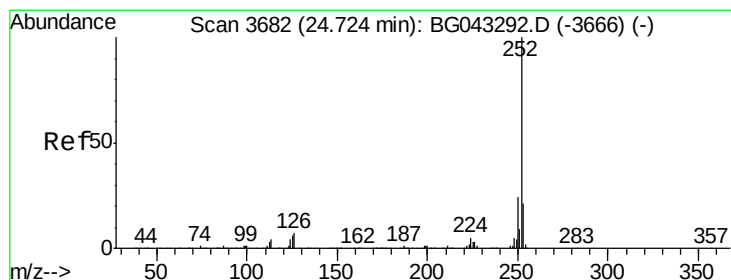
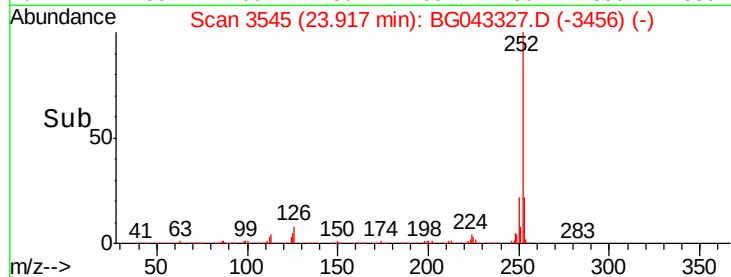
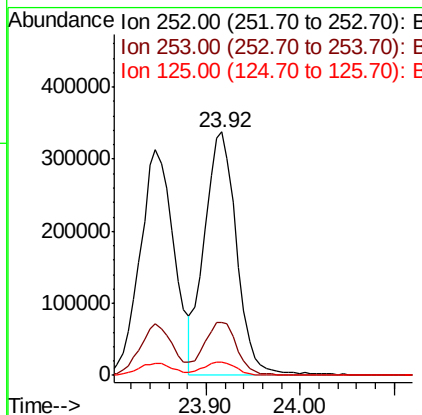
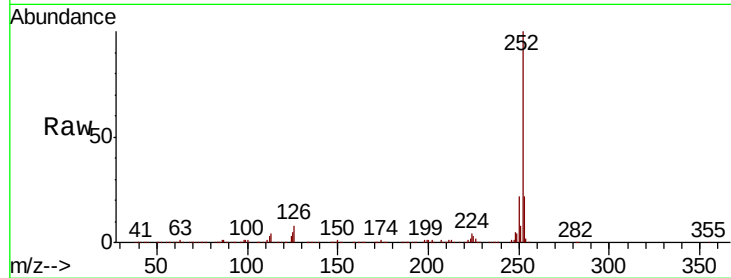
#89
Benzo(k)fluoranthene
Concen: 40.646 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	5.5	4.5	6.7

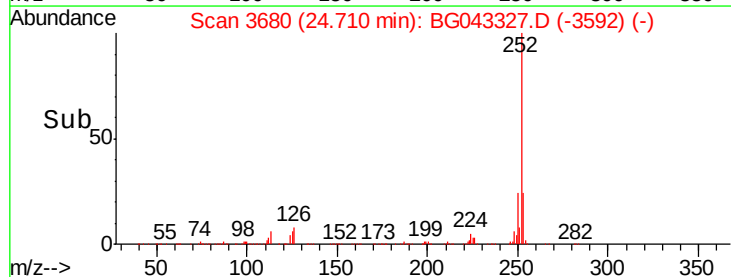
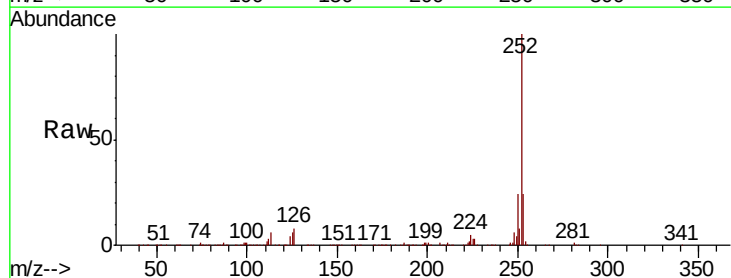
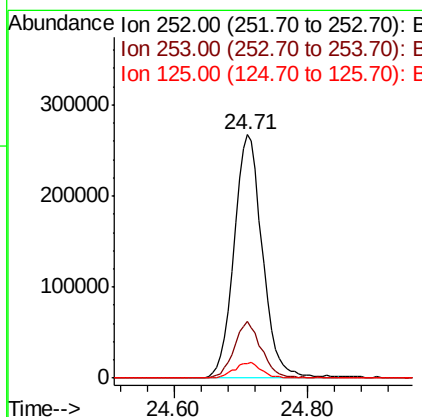
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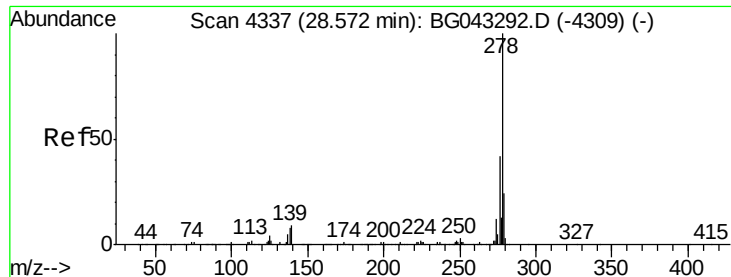
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#90
Benzo(a)pyrene
Concen: 42.142 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	5.8	5.0	7.6





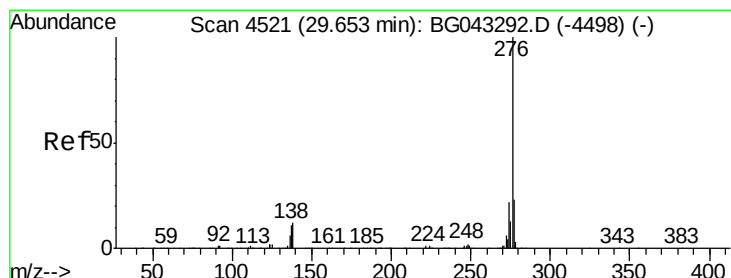
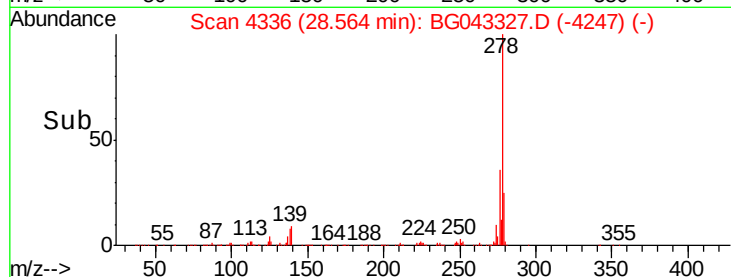
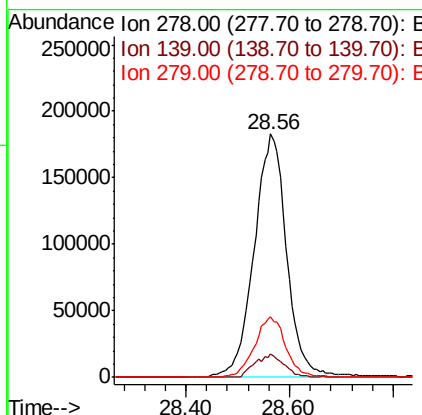
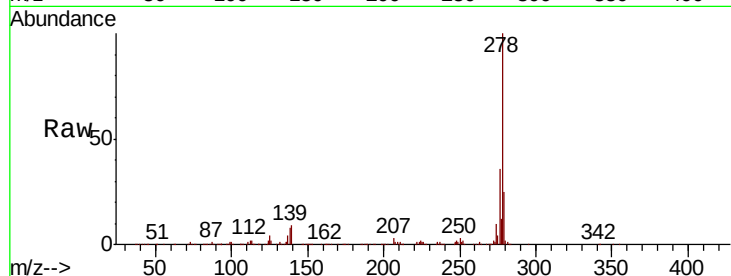
#91
Dibenzo(a,h)anthracene
Concen: 41.448 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.8	10.2
279	24.7	19.0	28.6

Manual Integrations
APPROVED

mohammad
10/25/2019 8:07:26 AM



#92
Benzo(g,h,i)perylene
Concen: 41.431 ng
RT: 29.65 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	11.5	9.3	13.9

