

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
 Data File : BG045878.D
 Acq On : 29 Jun 2020 16:15
 Operator : CG/JU
 Sample : PB129825BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Manual Integrations
 APPROVED

mohammad
 6/30/2020 4:15:18 PM

Quant Time: Jun 29 17:21:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	43204	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	173556	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	128453	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	314267	20.00	ng	0.00
76) Chrysene-d12	21.58	240	314012	20.00	ng	0.00
86) Perylene-d12	24.70	264	332450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	325037	127.09	ng	0.00
7) Phenol-d6	7.13	99	458619	117.89	ng	0.00
23) Nitrobenzene-d5	9.07	82	301295	79.31	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	230698	118.96	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	684676	78.33	ng	0.00
79) Terphenyl-d14	19.93	244	1308132	84.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	38482	32.851	ng	95
3) Pyridine	3.76	79	110131	31.727	ng	98
4) n-Nitrosodimethylamine	3.67	42	48894	41.963	ng	99
6) Aniline	7.24	93	149790	32.700	ng	98
8) 2-Chlorophenol	7.49	128	118450	43.267	ng	96
9) Benzaldehyde	7.05	77	53646	22.958	ng	96
10) Phenol	7.16	94	160513	42.582	ng	97
11) bis(2-Chloroethyl)ether	7.33	93	108163	37.778	ng	98
12) 1,3-Dichlorobenzene	7.81	146	127629	39.121	ng	95
13) 1,4-Dichlorobenzene	7.95	146	127952	39.265	ng	94
14) 1,2-Dichlorobenzene	8.27	146	120516	38.631	ng	97
15) Benzyl Alcohol	8.16	79	120332	39.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	105979	39.274	ng	79
17) 2-Methylphenol	8.40	107	107898	38.463	ng	95
18) Hexachloroethane	9.00	117	50208	40.567	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	102917	40.239	ng	# 96
20) 3+4-Methylphenols	8.73	107	144103	39.059	ng	# 84
22) Acetophenone	8.74	105	184395	38.709	ng	94
24) Nitrobenzene	9.12	77	158482	39.124	ng	98
25) Isophorone	9.64	82	281259	38.242	ng	98
26) 2-Nitrophenol	9.83	139	68364	40.510	ng	96
27) 2,4-Dimethylphenol	9.92	122	111497	43.274	ng	90
28) bis(2-Chloroethoxy)methane	10.13	93	151627	39.468	ng	99
29) 2,4-Dichlorophenol	10.40	162	124045	41.265	ng	96
30) 1,2,4-Trichlorobenzene	10.58	180	136874	38.462	ng	97
31) Naphthalene	10.77	128	370514	39.049	ng	99
32) Benzoic acid	10.11	122	67390	41.764	ng	93
33) 4-Chloroaniline	10.89	127	94560	23.798	ng	98
34) Hexachlorobutadiene	11.06	225	94602	37.379	ng	96
35) Caprolactam	11.66	113	44967m	46.226	ng	
36) 4-Chloro-3-methylphenol	12.05	107	148448	42.770	ng	99
37) 2-Methylnaphthalene	12.38	142	285496	40.407	ng	98
38) 1-Methylnaphthalene	12.60	142	273554	40.913	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	159482	37.706	ng	99

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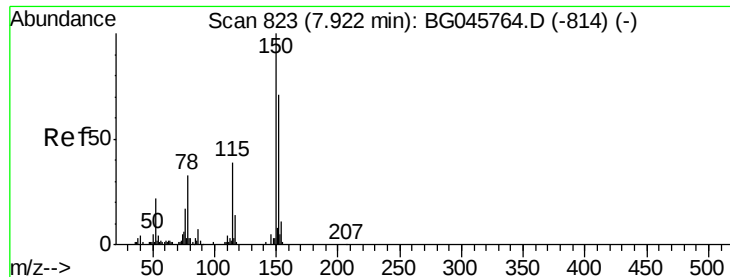
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	173685	74.936	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	107177	37.374	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	115195	35.245	nq	97
46) 1,1'-Biphenyl	13.39	154	361653	39.325	nq	98
47) 2-Chloronaphthalene	13.44	162	274994	37.017	nq	95
48) 2-Nitroaniline	13.65	65	99516	40.272	nq	97
49) Acenaphthylene	14.28	152	464073	39.001	nq	99
50) Dimethylphthalate	14.02	163	399878	39.738	nq	100
51) 2,6-Dinitrotoluene	14.14	165	89850	39.754	nq	94
52) Acenaphthene	14.63	154	282824	39.212	nq	96
53) 3-Nitroaniline	14.48	138	65306	28.928	nq	96
54) 2,4-Dinitrophenol	14.70	184	103419	81.989	nq	98
55) Dibenzofuran	14.97	168	462973	39.513	nq	100
56) 4-Nitrophenol	14.85	139	110345	68.807	nq	97
57) 2,4-Dinitrotoluene	14.94	165	132319	40.860	nq	94
58) Fluorene	15.61	166	392111	40.246	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	116225	40.972	nq	99
60) Diethylphthalate	15.38	149	419622	40.791	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	214183	38.142	nq	98
62) 4-Nitroaniline	15.65	138	89974	38.833	nq	90
63) Azobenzene	15.90	77	406916	41.196	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	86162	44.364	nq	98
66) n-Nitrosodiphenylamine	15.82	169	349584	39.273	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	152843	37.430	nq	97
68) Hexachlorobenzene	16.63	284	164222	38.783	nq	95
69) Atrazine	16.78	200	136836	39.616	nq	100
70) Pentachlorophenol	16.98	266	127232	62.746	nq	96
71) Phenanthrene	17.36	178	648692	40.023	nq	99
72) Anthracene	17.45	178	659297	40.849	nq	100
73) Carbazole	17.73	167	619796	40.330	nq	98
74) Di-n-butylphthalate	18.28	149	758953	41.709	nq	99
75) Fluoranthene	19.37	202	850033	42.650	nq	100
77) Benzidine	19.55	184	386857	47.389	nq	99
78) Pyrene	19.73	202	834752	39.698	nq	99
80) Butylbenzylphthalate	20.62	149	337682	38.366	nq	97
81) Benzo(a)anthracene	21.56	228	795569	39.078	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	220737	28.664	nq	97
83) Chrysene	21.62	228	772576	39.235	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	483989	39.533	nq	94
85) Di-n-octyl phthalate	22.64	149	839214	39.740	nq	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1013843	42.066	nq	100
88) Benzo(b)fluoranthene	23.72	252	883973	42.408	nq	98
89) Benzo(k)fluoranthene	23.78	252	831359	41.673	nq	97
90) Benzo(a)pyrene	24.55	252	791317	40.640	nq	98
91) Dibenzo(a,h)anthracene	28.31	278	825098	42.692	nq	99
92) Benzo(g,h,i)perylene	29.36	276	827299	42.767	nq	99

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



#1

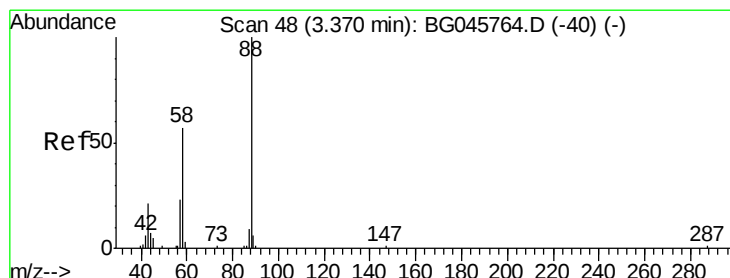
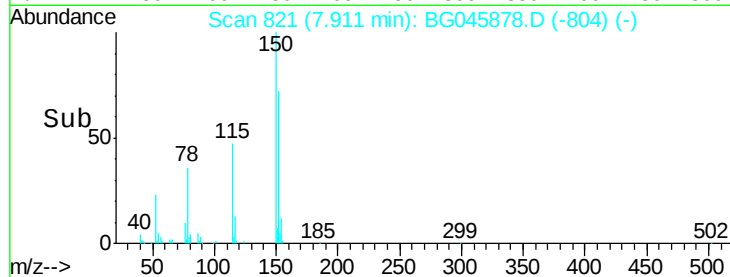
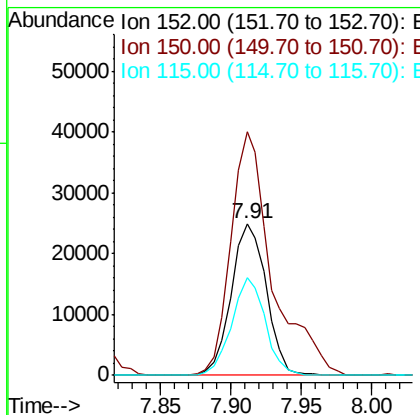
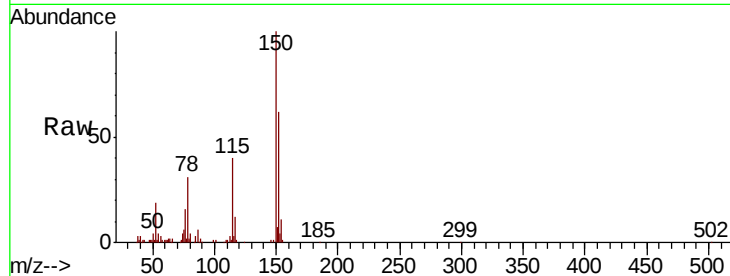
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	113.1	169.7
115	64.8	43.8	65.6

Manual Integrations
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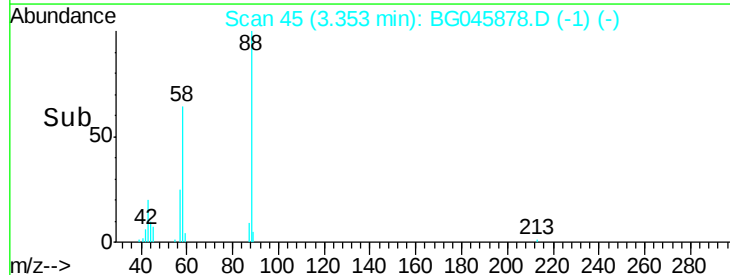
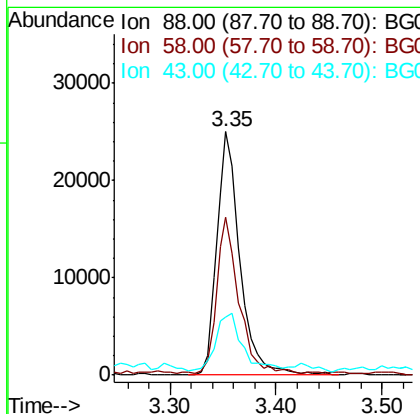
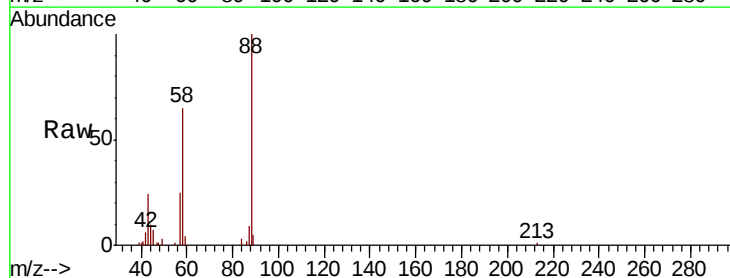
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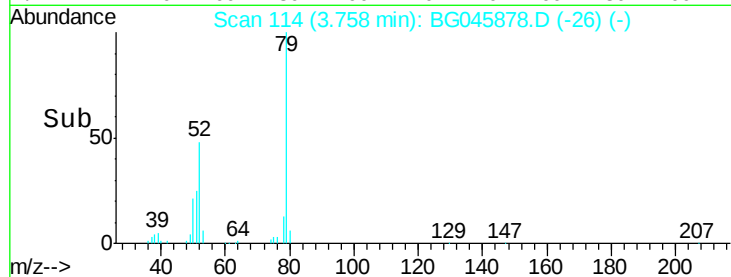
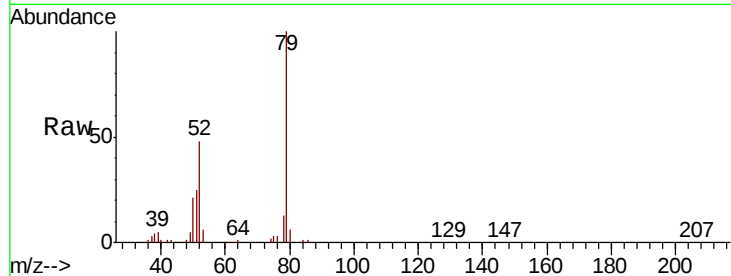
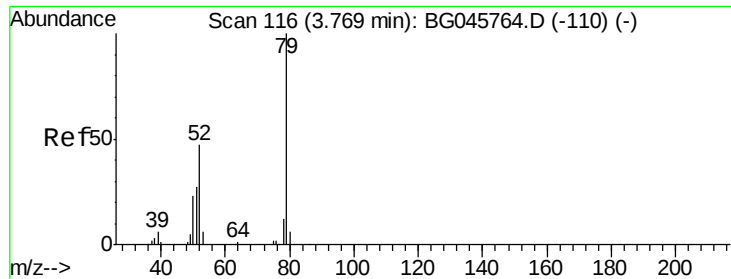


#2

1,4-Dioxane
Concen: 32.851 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.9	46.1	69.1
43	27.6	19.2	28.8





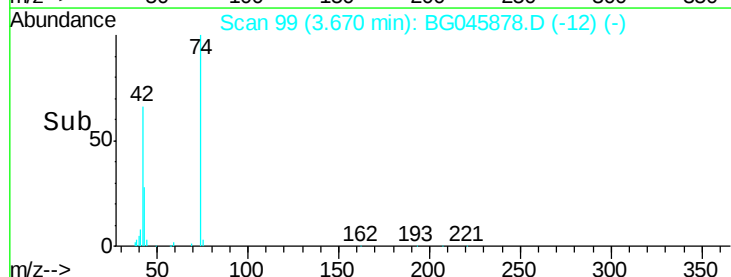
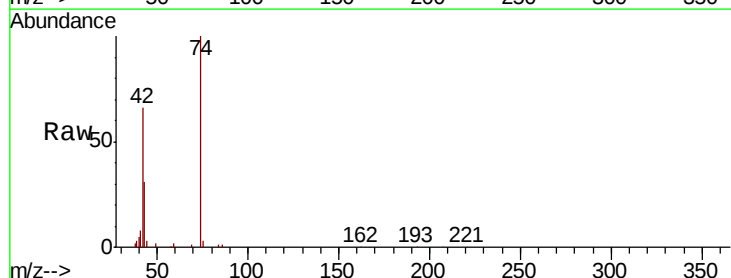
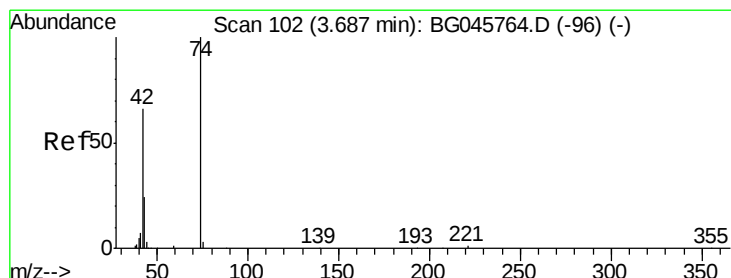
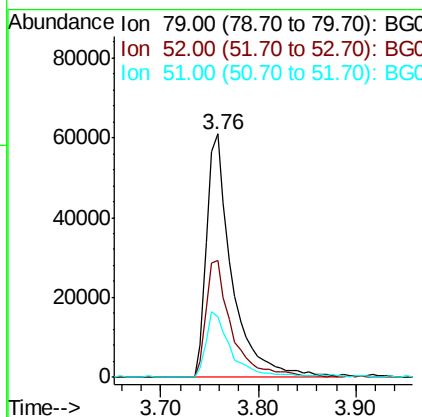
#3
 Pvridine
 Concen: 31.727 ng
 RT: 3.76 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		110131		
52	48.2	37.9	56.9		
51	25.0	22.0	33.0		

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

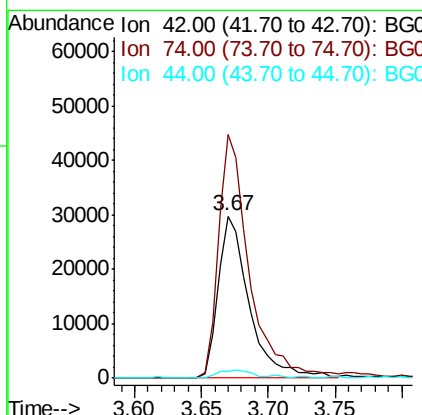
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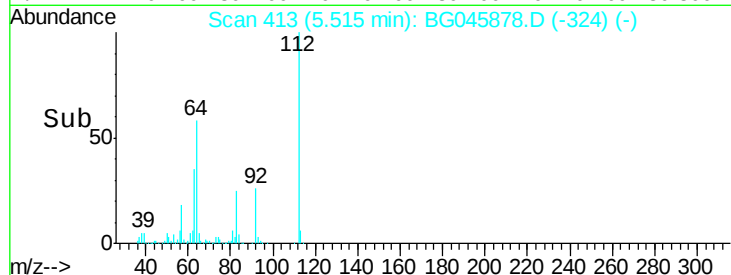
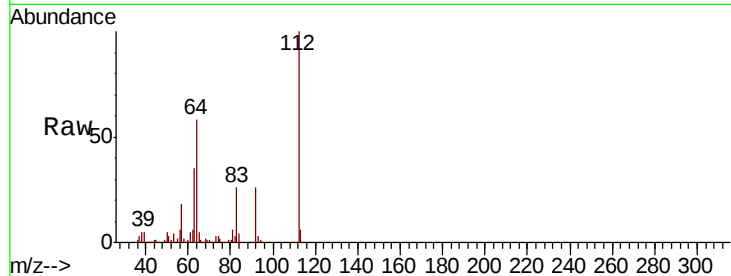
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#4
 n-Nitrosodimethylamine
 Concen: 41.963 ng
 RT: 3.67 min Scan# 99
 Delta R.T. -0.02 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		48894		
74	150.5	121.0	181.4		
44	4.0	3.5	5.3		





#5

2-Fluorophenol

Concen: 127.086 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tot Ion:	112	Resp:	325037
Ion Ratio	Lower	Upper	
112	100		
64	57.5	46.6	69.8
63	35.1	26.3	39.5

Instrument :

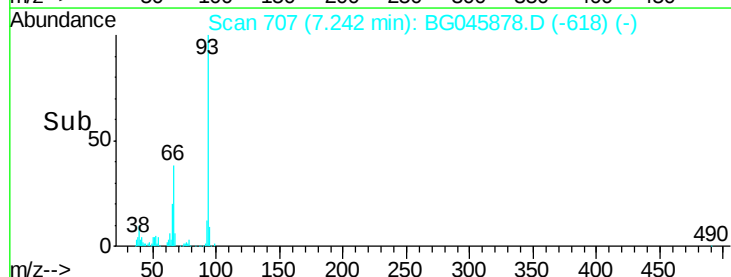
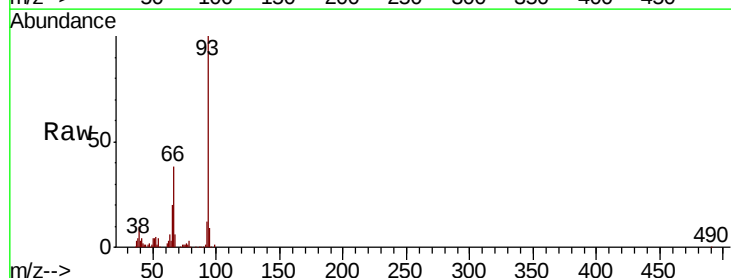
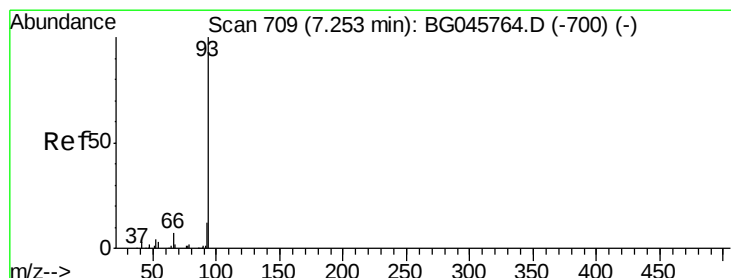
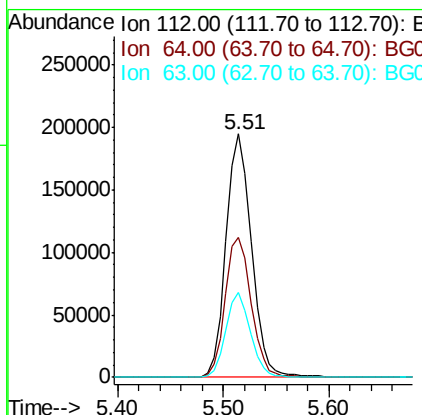
BNA_G

ClientSampleId :

PB129825BSD

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#6

Aniline

Concen: 32.700 ng

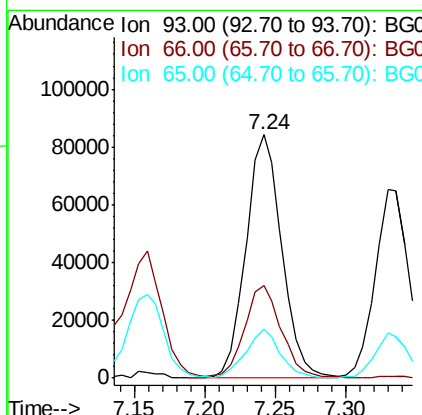
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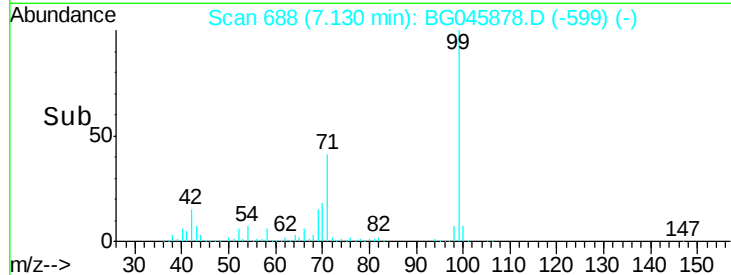
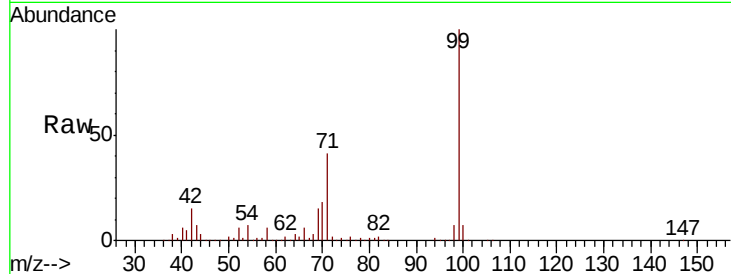
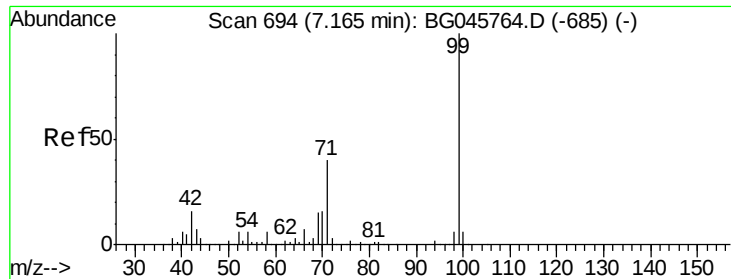
Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:	93	Resp:	149790
Ion Ratio	Lower	Upper	
93	100		
66	38.0	30.0	45.0
65	19.9	14.7	22.1





#7

Phenol-d6

Concen: 117.886 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		458619		
42	15.4	12.4	18.6		
71	41.1	32.1	48.1		

Instrument :

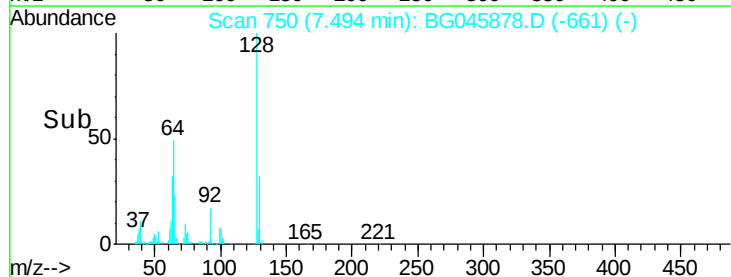
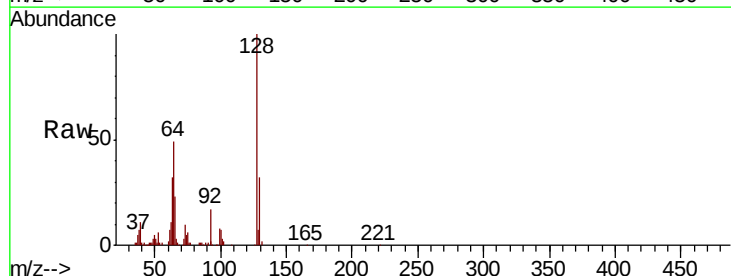
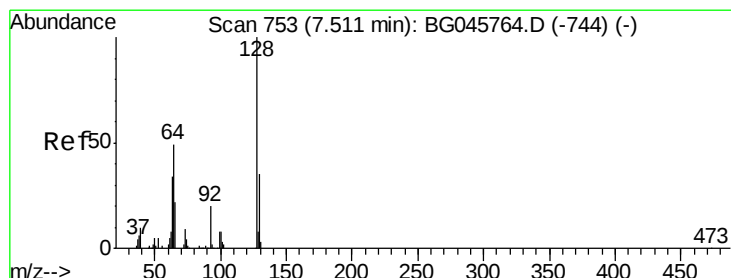
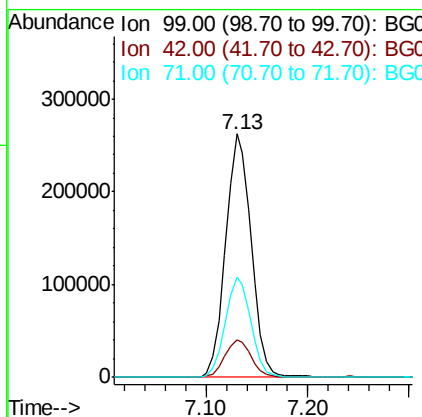
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#8

2-Chlorophenol

Concen: 43.267 ng

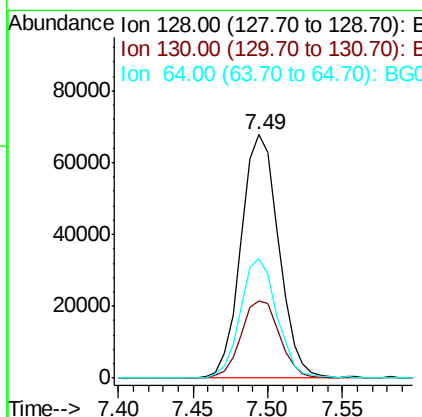
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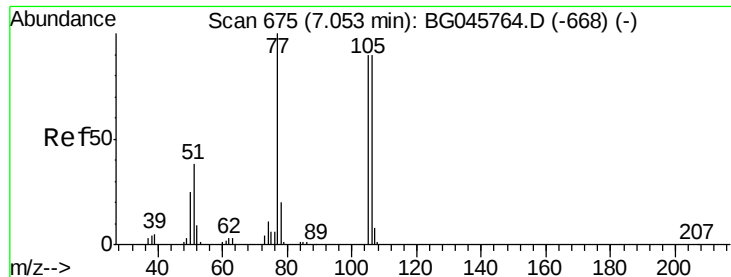
Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		118450		
130	31.7	14.5	54.5		
64	49.1	31.6	71.6		





#9

Benzaldehyde

Concen: 22.958 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

Tot Ion: 77 Resp: 53646

Ion Ratio Lower Upper

77 100

105 85.4 70.4 110.4

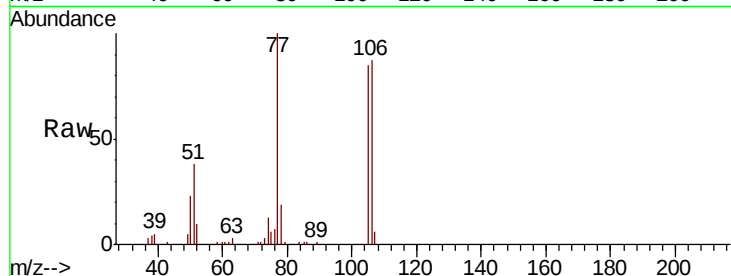
106 87.3 70.2 110.2

Manual Integrations

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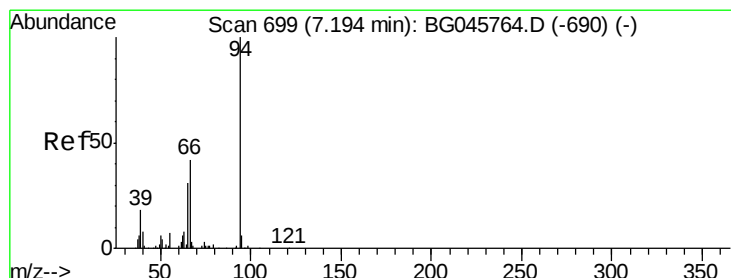
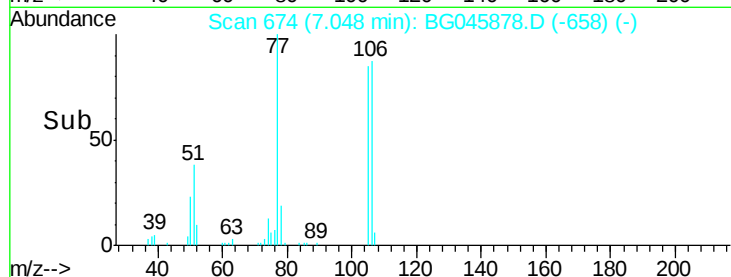
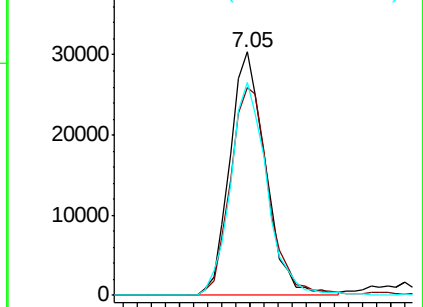
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Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.582 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

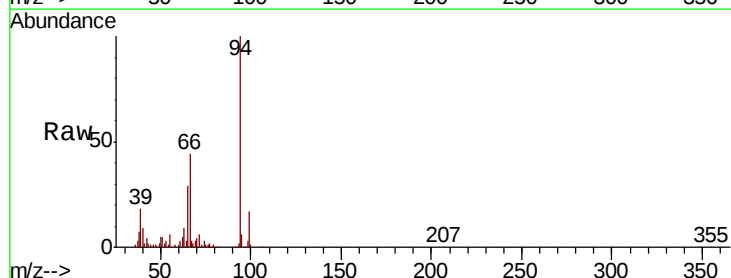
Tgt Ion: 94 Resp: 160513

Ion Ratio Lower Upper

94 100

65 29.1 10.7 50.7

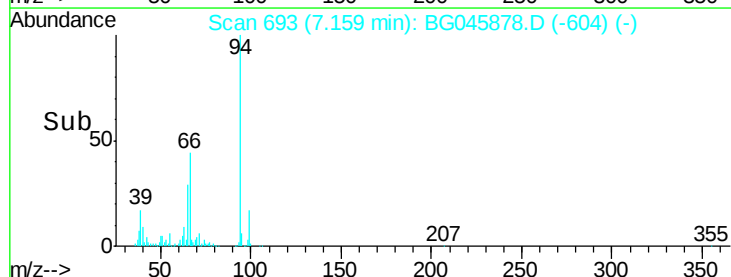
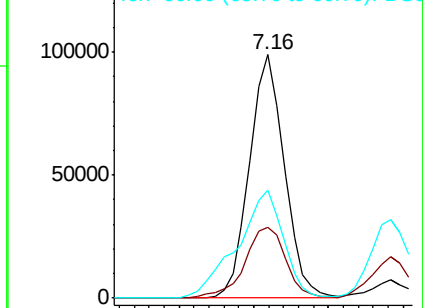
66 44.3 22.5 62.5

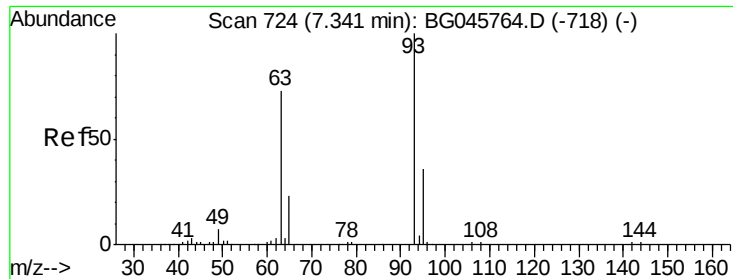


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





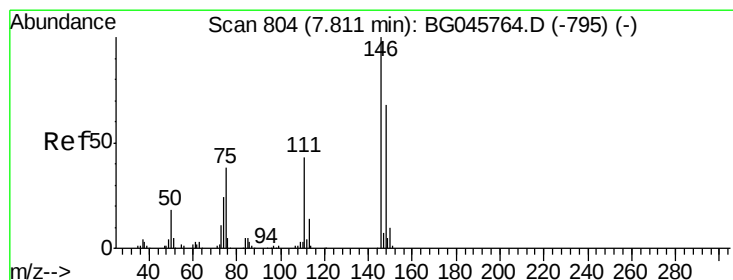
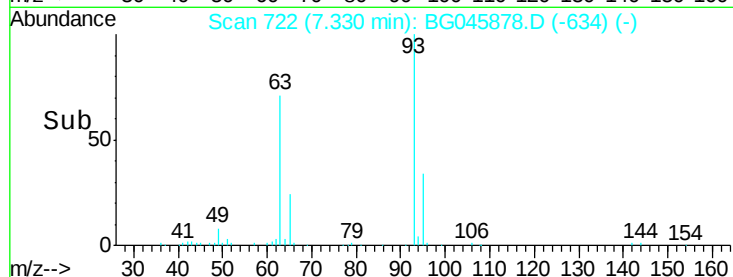
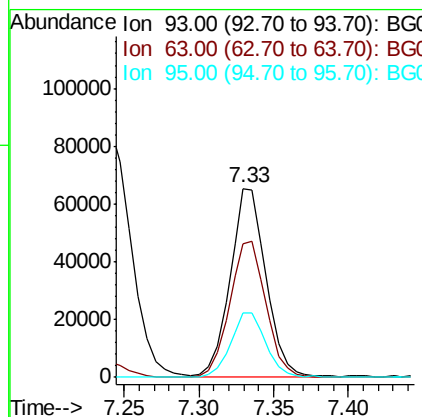
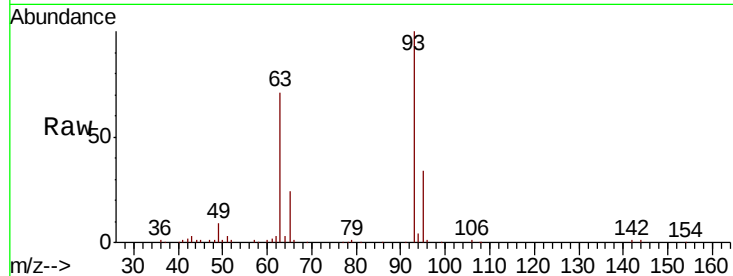
#11
bis(2-Chloroethyl)ether
Concen: 37.778 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.9	52.0	92.0
95	34.2	15.6	55.6

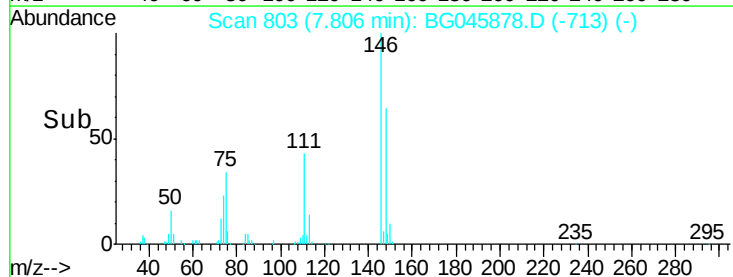
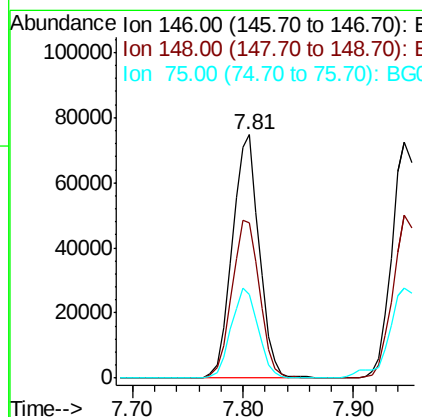
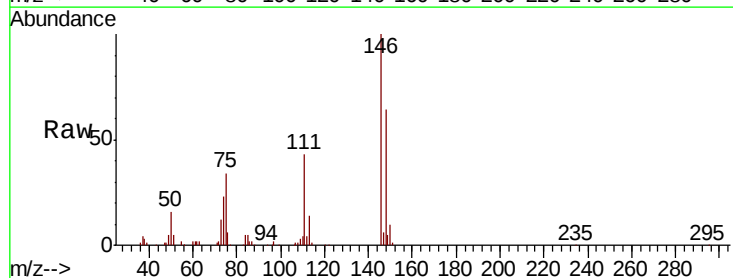
Manual Integrations
APPROVED

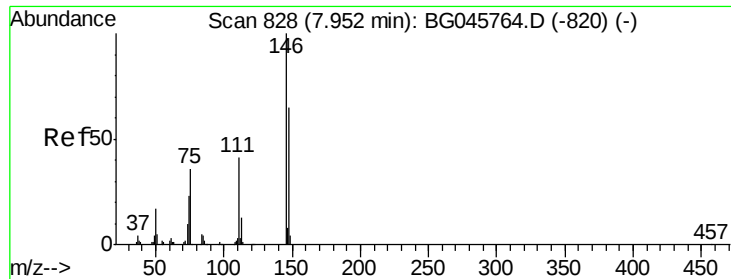
mohammad
6/30/2020 4:15:18 PM



#12
1,3-Dichlorobenzene
Concen: 39.121 ng
RT: 7.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	54.2	81.4
75	34.2	30.1	45.1





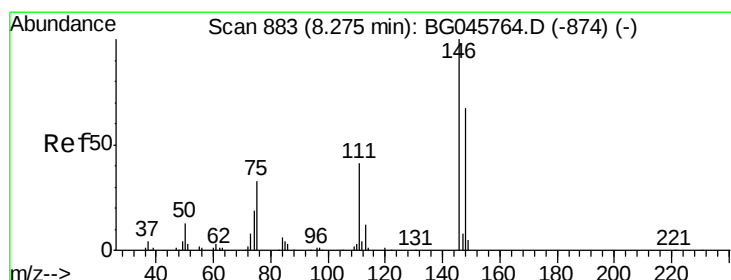
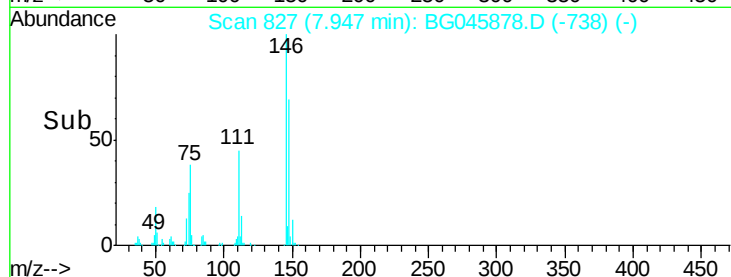
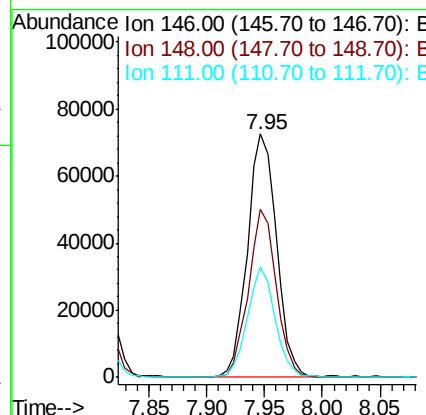
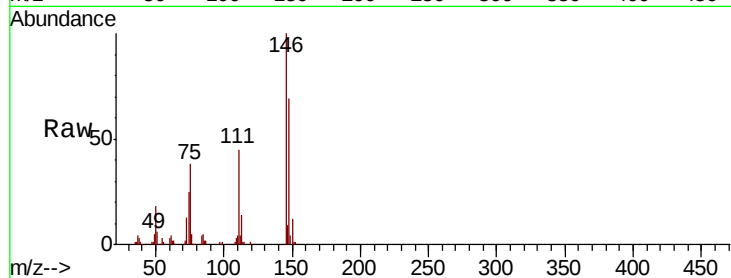
#13
1,4-Dichlorobenzene
Concen: 39.265 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.0	51.8	77.6
111	45.2	32.8	49.2

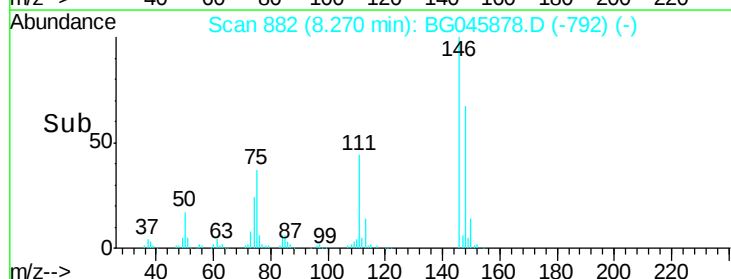
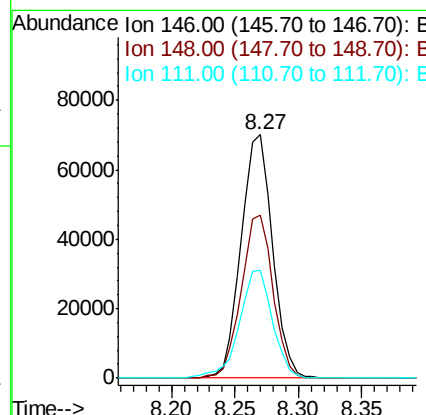
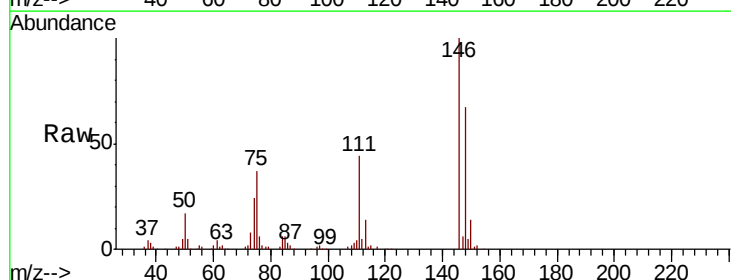
Manual Integrations
APPROVED

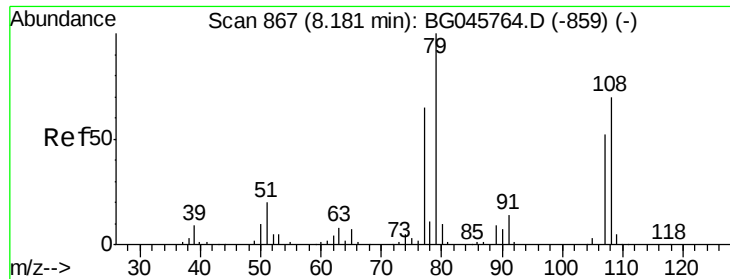
mohammad
6/30/2020 4:15:18 PM



#14
1,2-Dichlorobenzene
Concen: 38.631 ng
RT: 8.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	54.1	81.1
111	44.3	32.9	49.3





#15

Benzyl Alcohol

Concen: 39.970 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

Tot Ion: 79 Resp: 120332

Ion Ratio Lower Upper

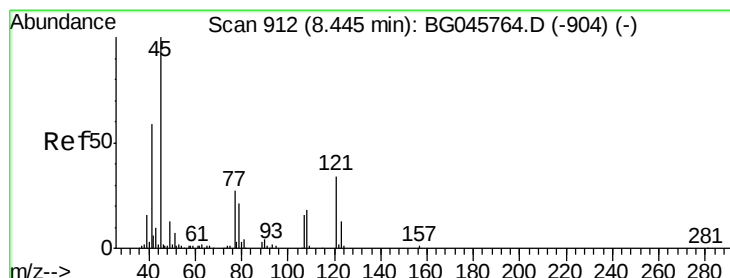
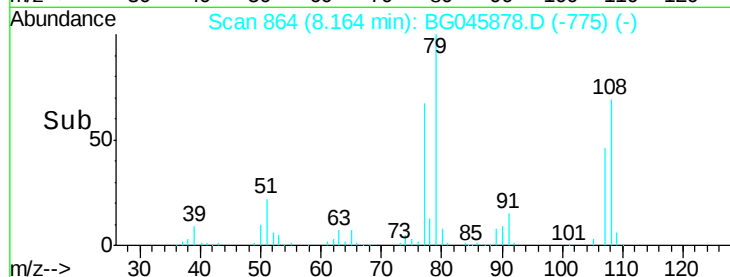
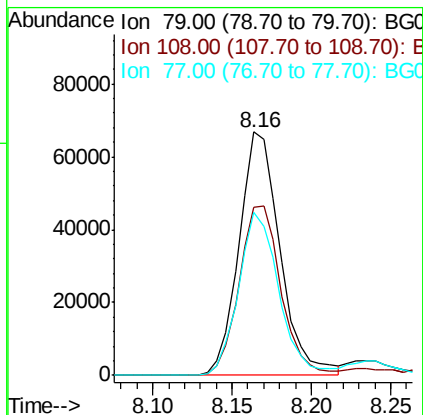
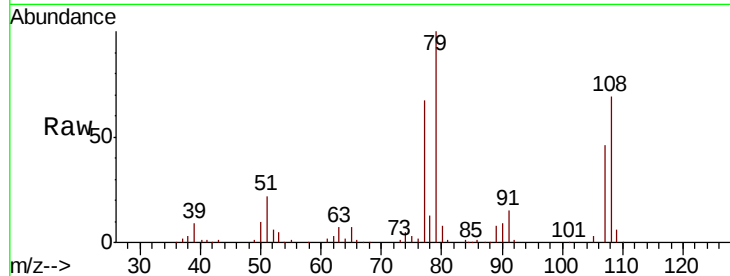
79 100

108 68.9 56.2 84.4

77 66.9 52.2 78.2

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.274 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

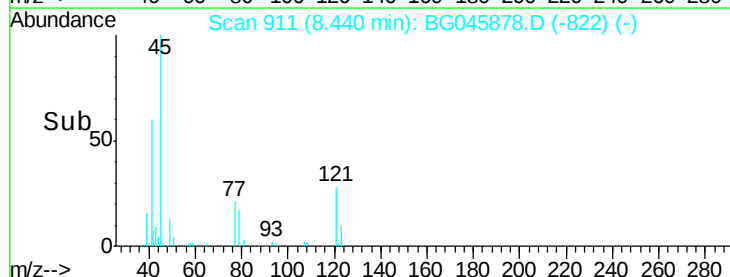
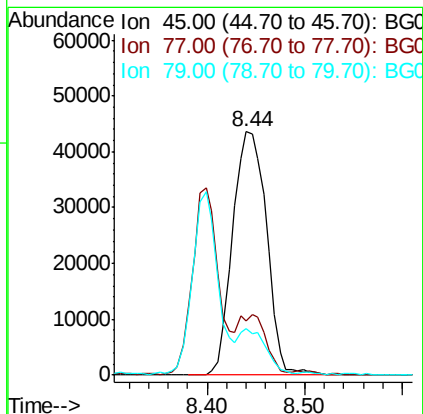
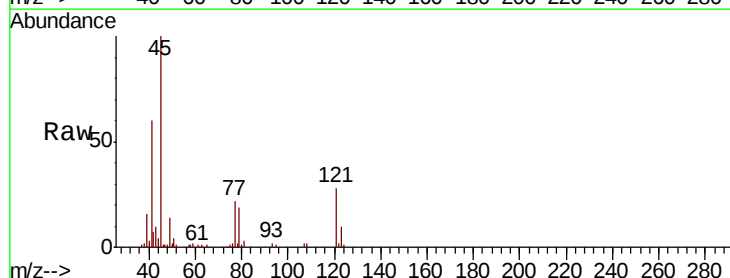
Tgt Ion: 45 Resp: 105979

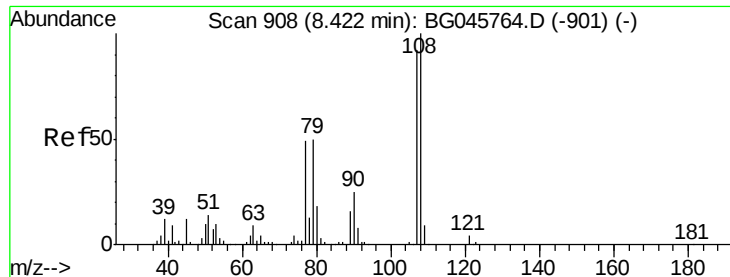
Ion Ratio Lower Upper

45 100

77 22.2 14.9 54.9

79 19.1 9.2 49.2





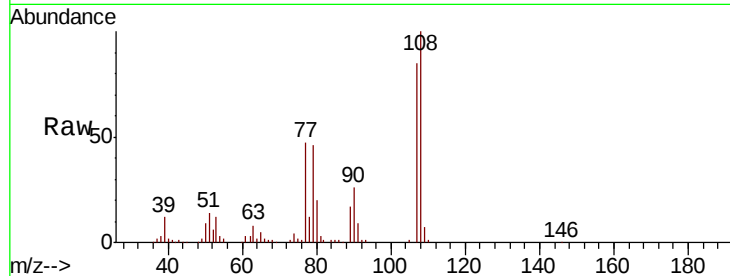
#17
2-Methylphenol
Concen: 38.463 ng
RT: 8.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	107	Resp	107898
Ion Ratio	Lower	Upper	
107	100		
108	117.7	87.4	131.0
77	55.4	42.5	63.7
79	54.6	44.0	66.0

Manual Integrations
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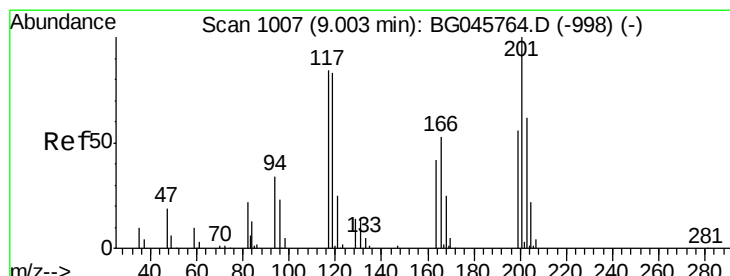
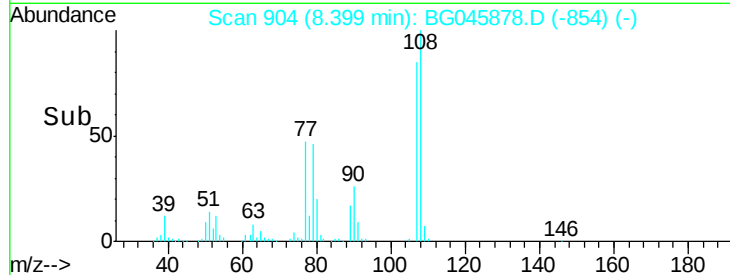
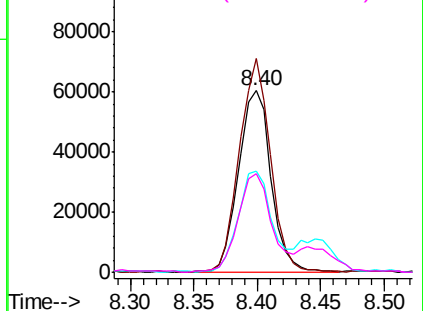
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

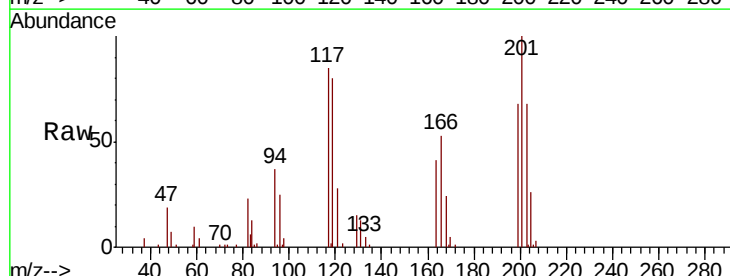
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.567 ng
RT: 9.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	117	Resp	50208
Ion Ratio	Lower	Upper	
117	100		
119	94.8	78.9	118.3
201	118.2	95.5	143.3

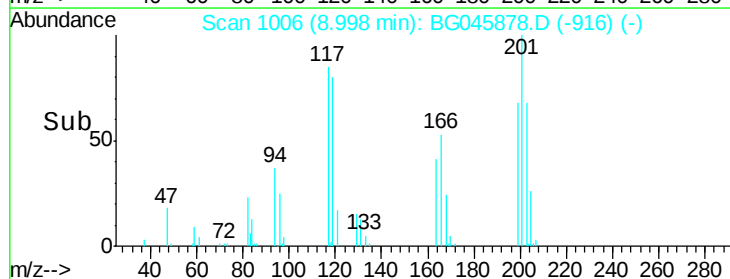
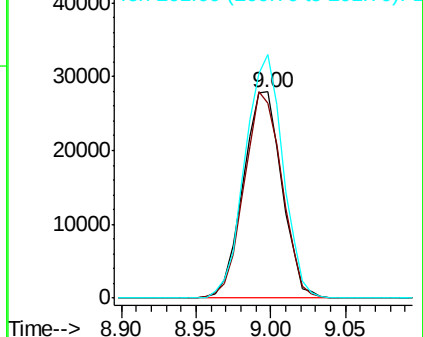


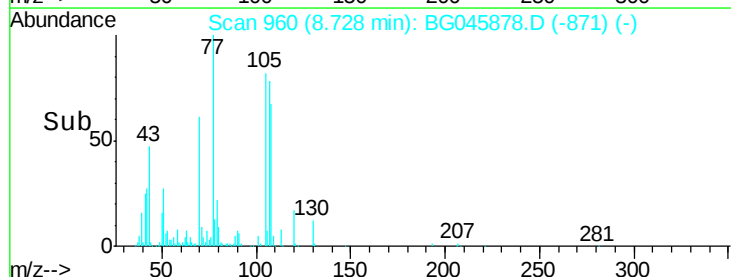
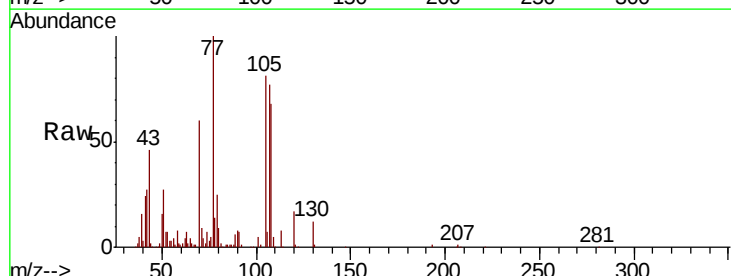
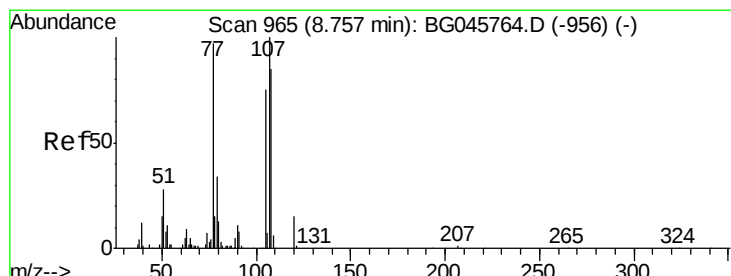
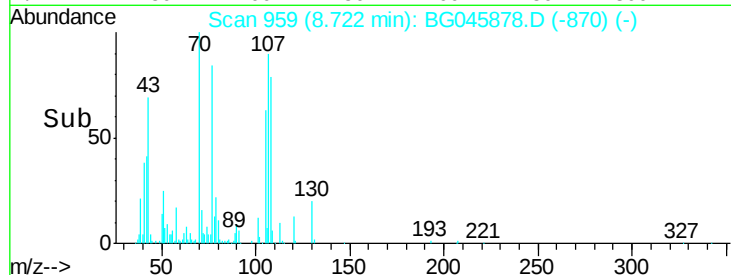
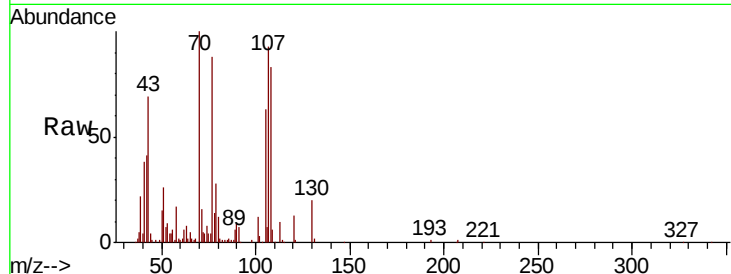
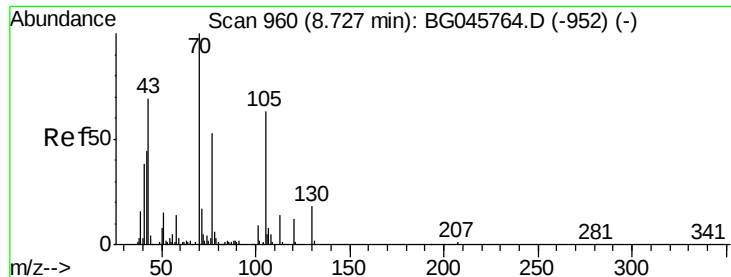
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





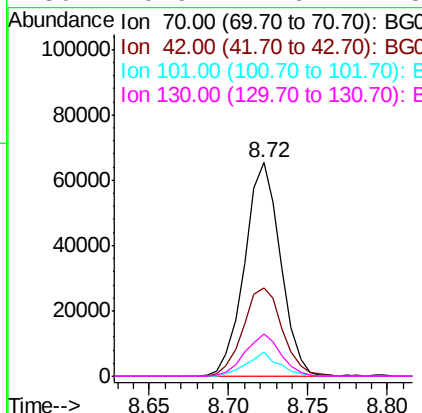
#19
n-Nitroso-di-n-propylamine
Concen: 40.239 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.1	35.1	52.7
101	11.6	7.4	11.0
130	19.9	14.6	21.8

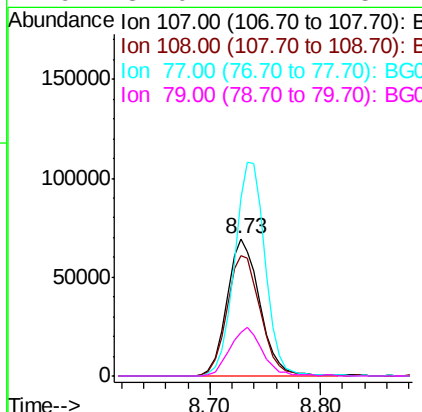
Manual Integrations
APPROVED

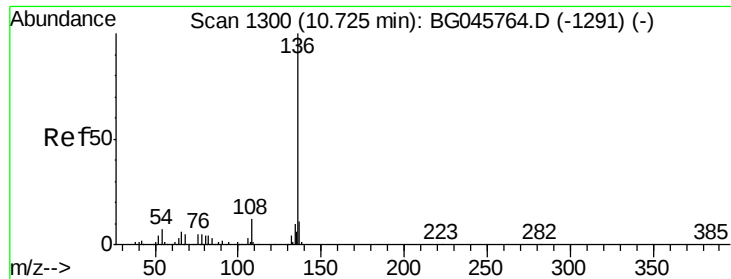
mohammad
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#20
3+4-Methylphenols
Concen: 39.059 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	65.4	105.4
77	129.5	77.2	117.2
79	32.0	14.2	54.2





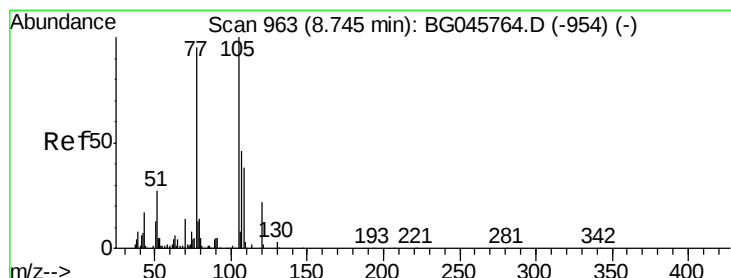
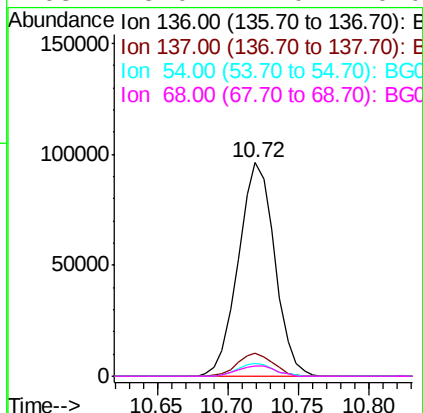
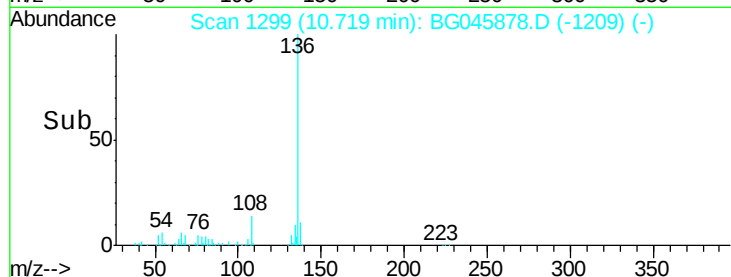
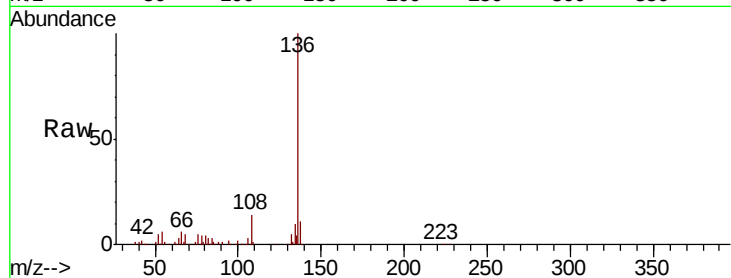
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	173556		
137	10.7		8.7	13.1
54	6.1		5.8	8.6
68	5.0		4.0	6.0

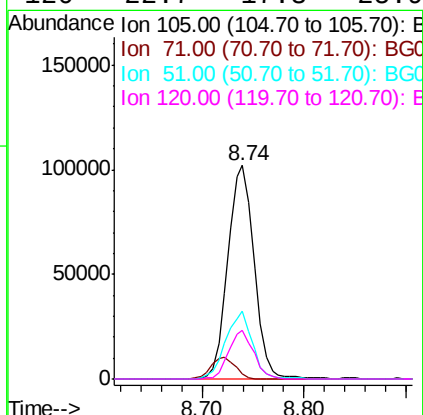
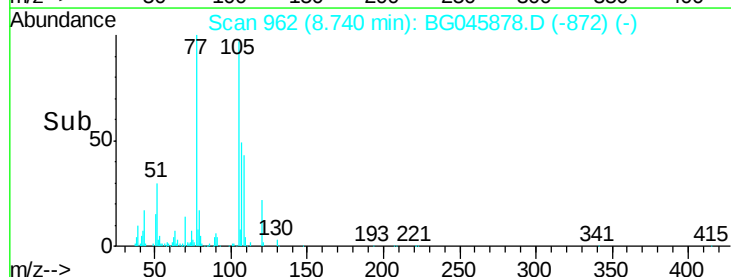
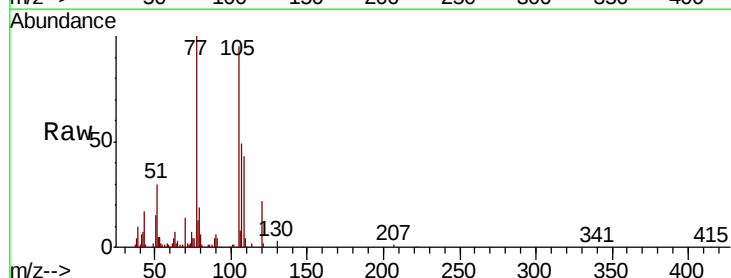
Manual Integrations
APPROVED

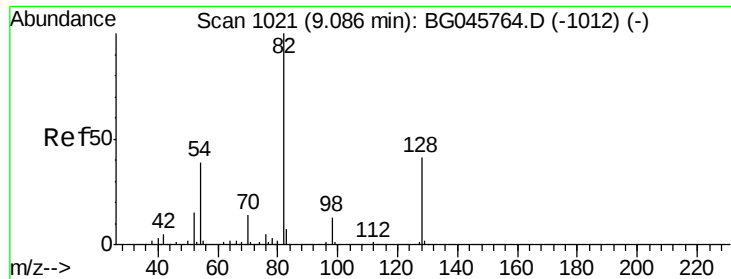
mohammad
6/30/2020 4:15:18 PM



#22
Acetophenone
Concen: 38.709 ng
RT: 8.74 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184395		
71	2.2		1.8	2.8
51	32.0		21.9	32.9
120	22.7		17.3	25.9





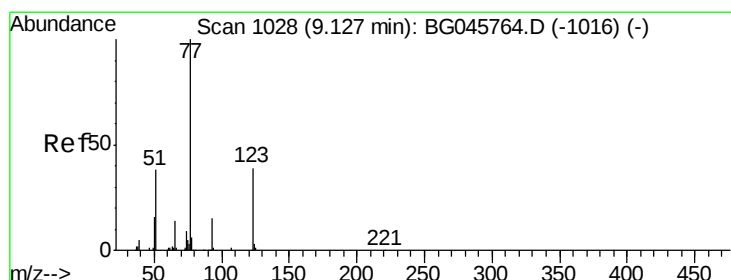
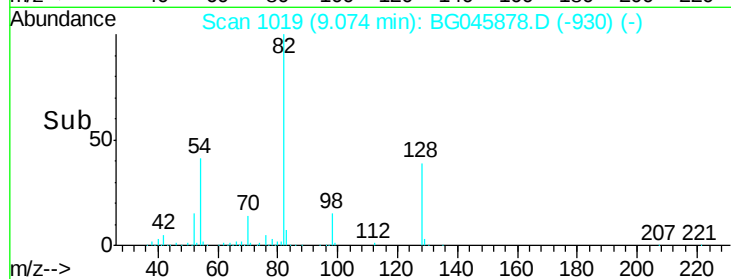
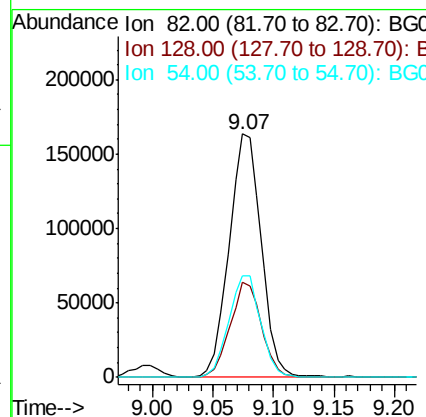
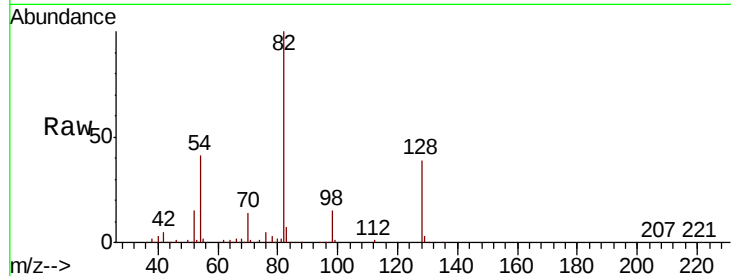
#23
 Nitrobenzene-d5
 Concen: 79.307 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	301295		
128	39.1	32.5	48.7	
54	41.5	31.2	46.8	

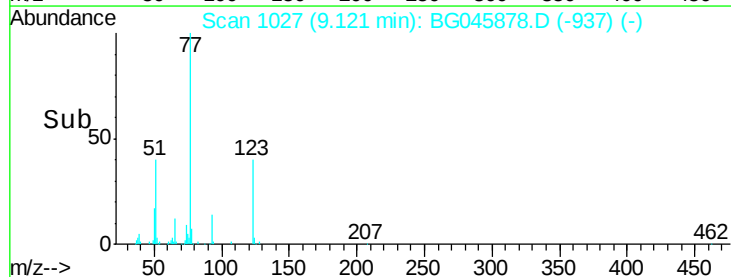
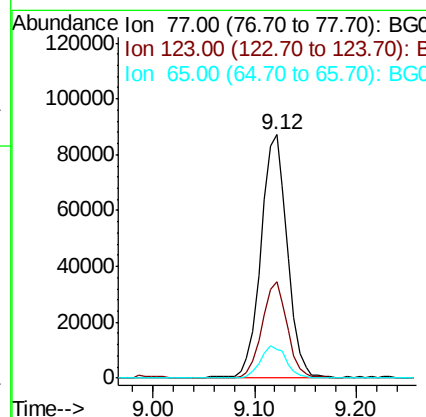
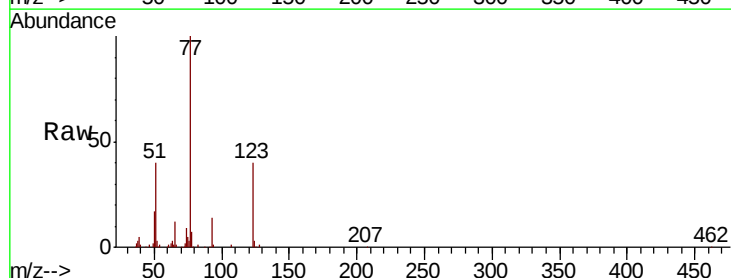
Manual Integrations
 APPROVED

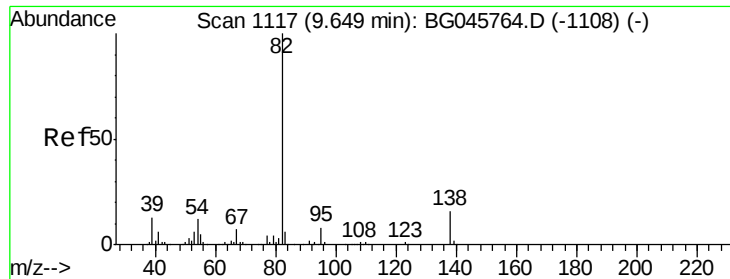
mohammad
 6/30/2020 4:15:18 PM



#24
 Nitrobenzene
 Concen: 39.124 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	158482		
123	39.7	31.2	46.8	
65	11.8	11.4	17.2	





#25

Isophorone

Concen: 38.242 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

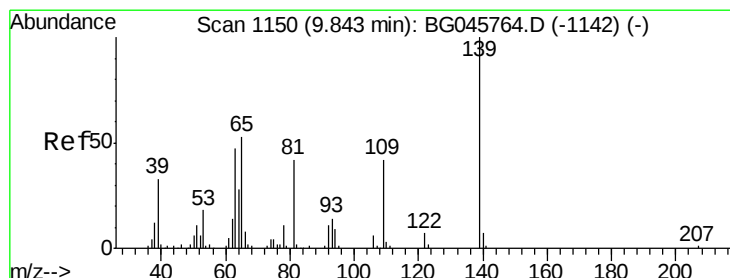
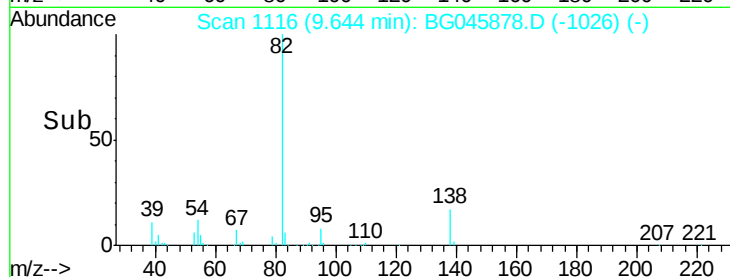
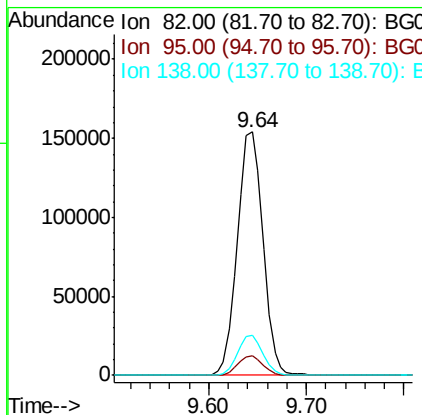
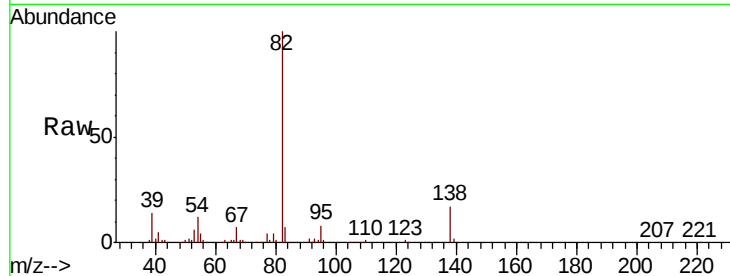
ClientSampleId :

PB129825BSD

Tot Ion:	82	Resp:	281259
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.2	9.4
138	16.6	12.6	18.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.510 ng

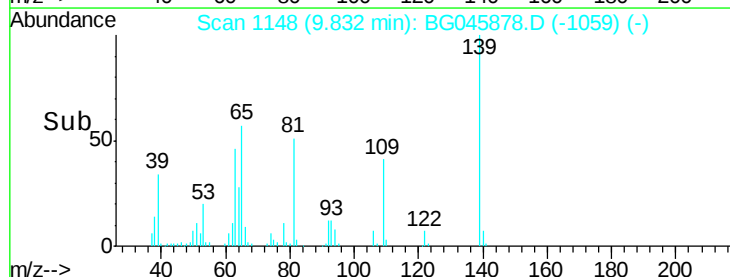
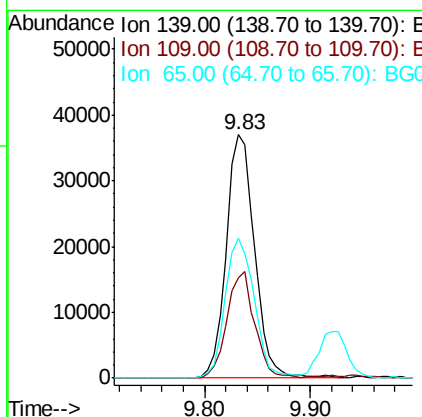
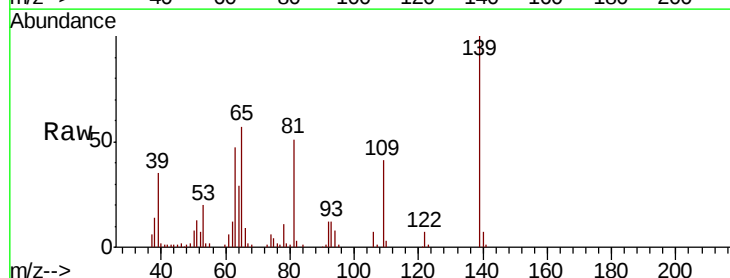
RT: 9.83 min Scan# 1148

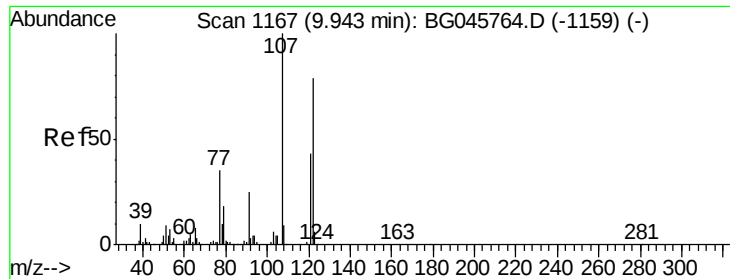
Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:	139	Resp:	68364
Ion Ratio	Lower	Upper	
139	100		
109	41.2	33.5	50.3
65	57.4	42.2	63.4





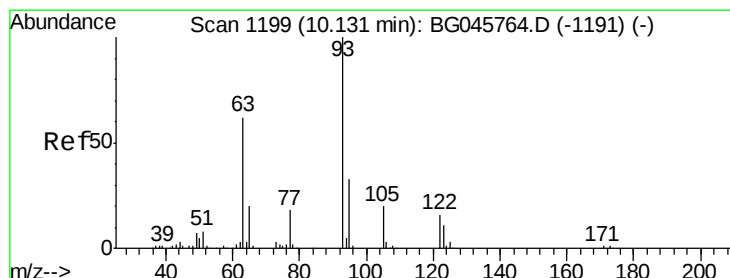
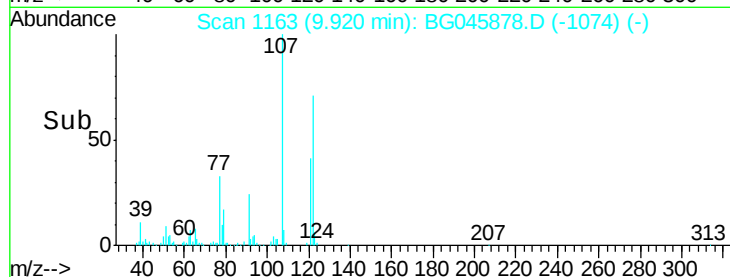
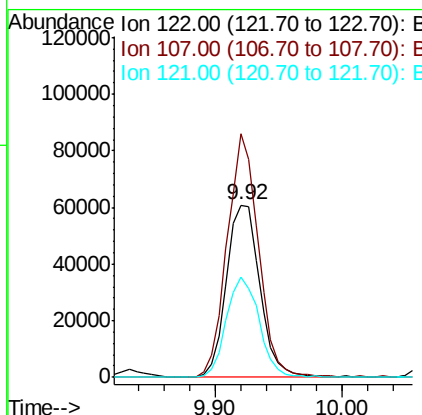
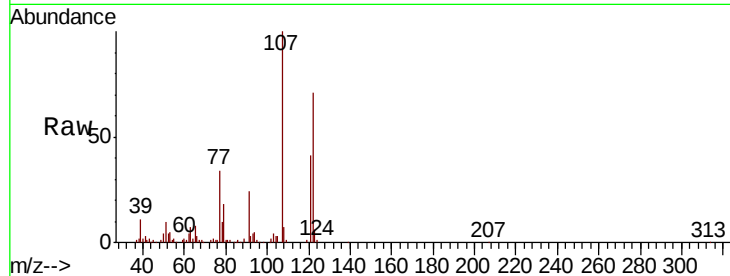
#27
2,4-Dimethylphenol
Concen: 43.274 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	111497		
107	141.1	101.3	151.9	
121	58.0	43.9	65.9	

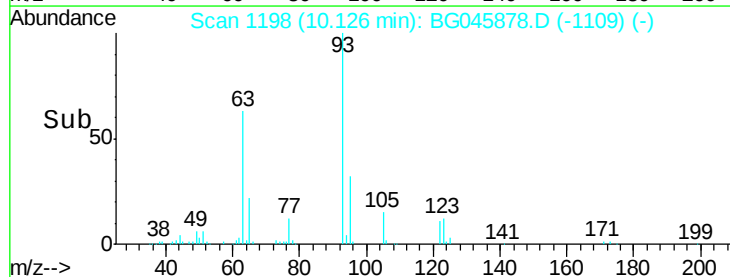
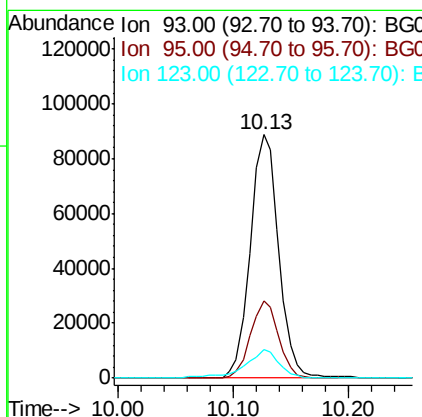
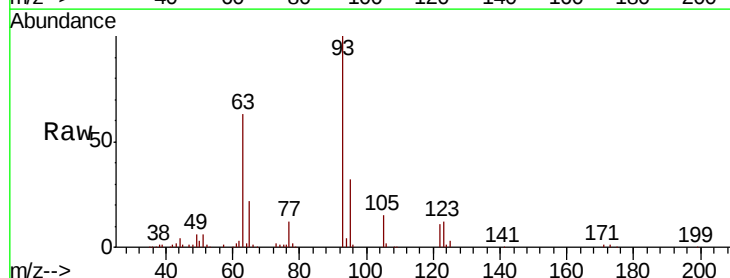
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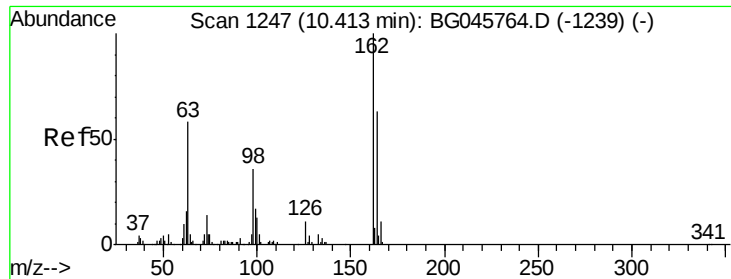
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#28
bis(2-Chloroethoxy)methane
Concen: 39.468 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	151627		
95	31.8	26.3	39.5	
123	11.6	9.3	13.9	





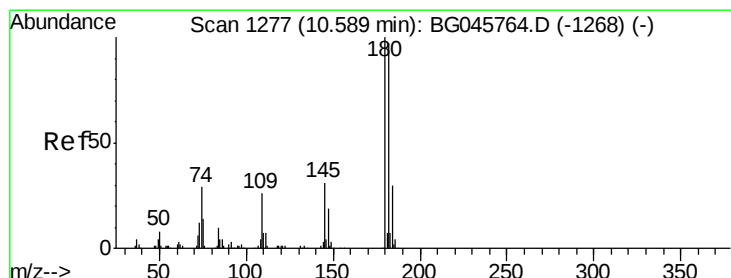
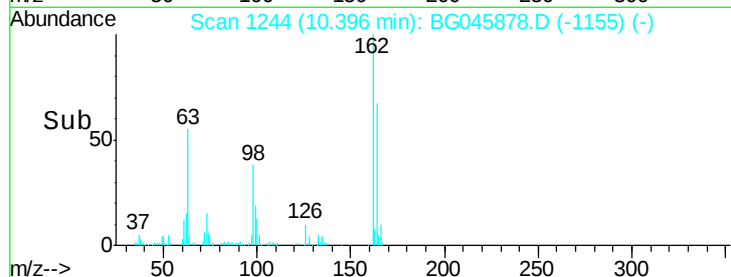
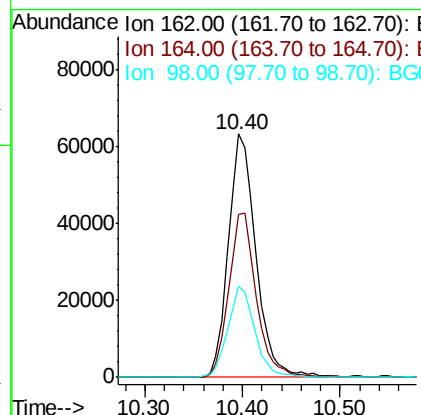
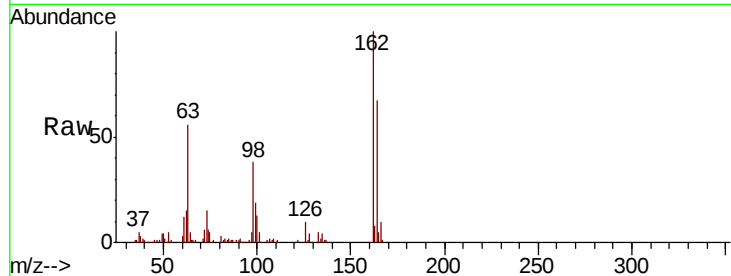
#29
2,4-Dichlorophenol
Concen: 41.265 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	124045		
164	67.1	43.3	83.3	
98	37.6	15.5	55.5	

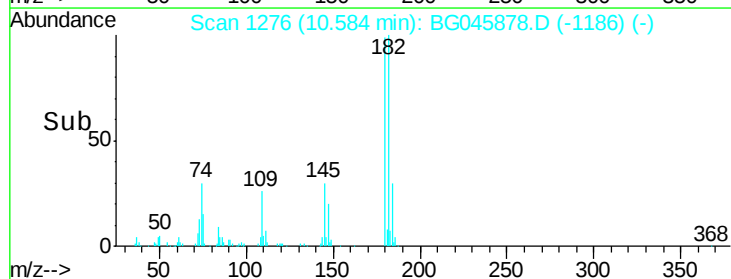
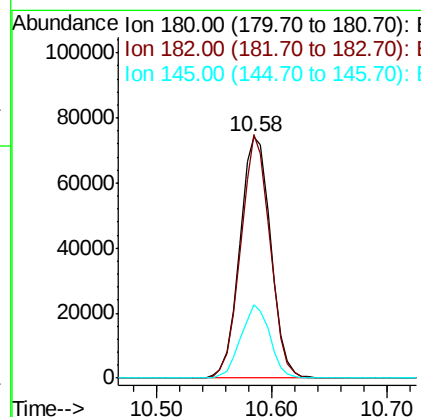
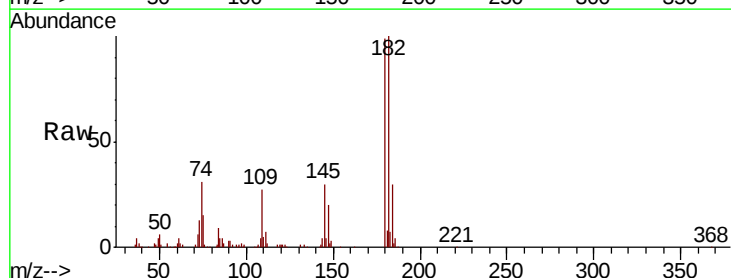
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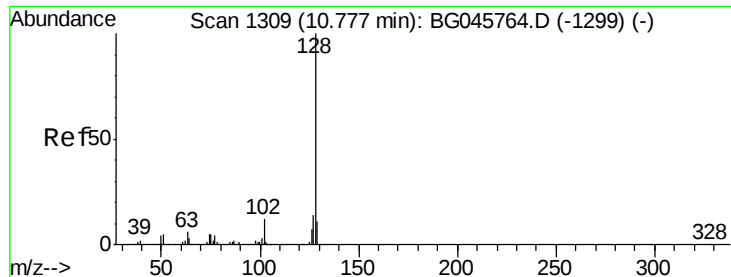
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#30
1,2,4-Trichlorobenzene
Concen: 38.462 ng
RT: 10.58 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	136874		
182	100.8	77.8	116.6	
145	30.5	24.5	36.7	





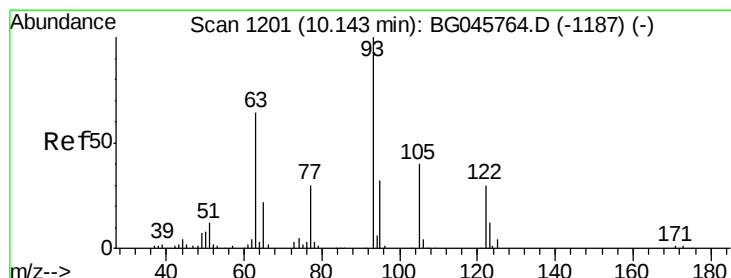
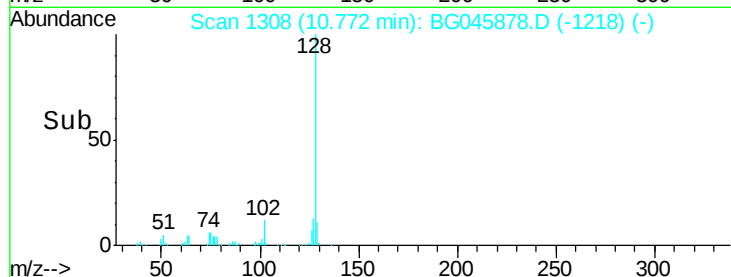
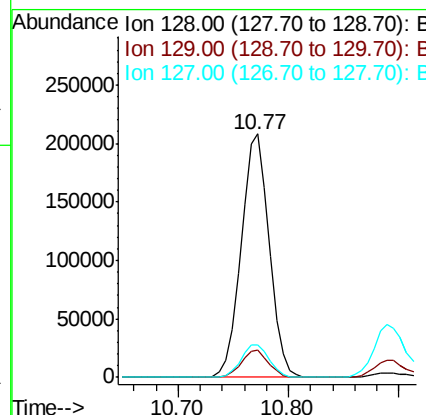
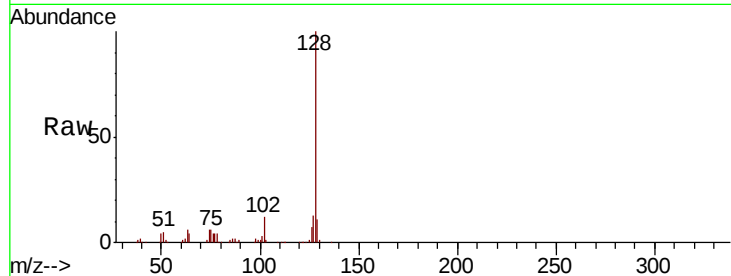
#31
Naphthalene
Concen: 39.049 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	10.9	16.3

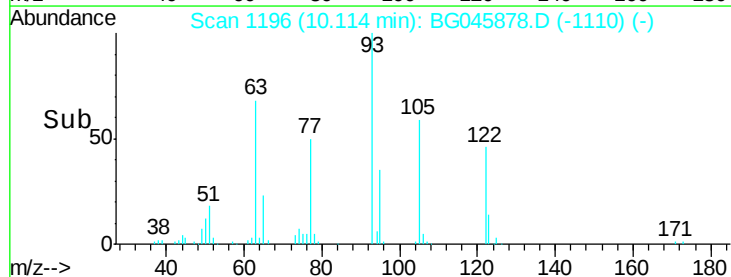
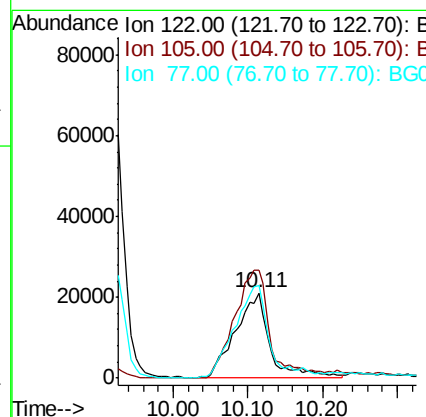
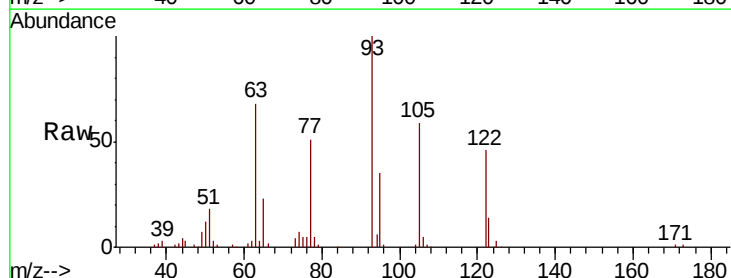
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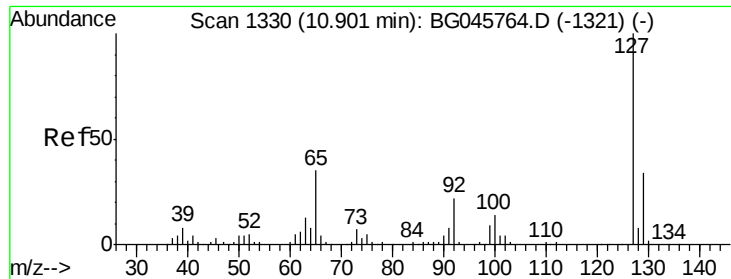
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#32
Benzoic acid
Concen: 41.764 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	112.9	152.9
77	109.3	79.2	119.2





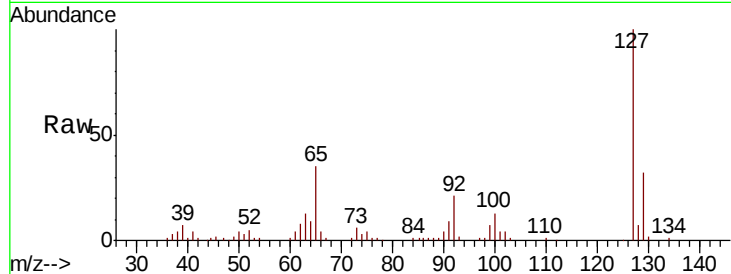
#33
4-Chloroaniline
Concen: 23.798 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

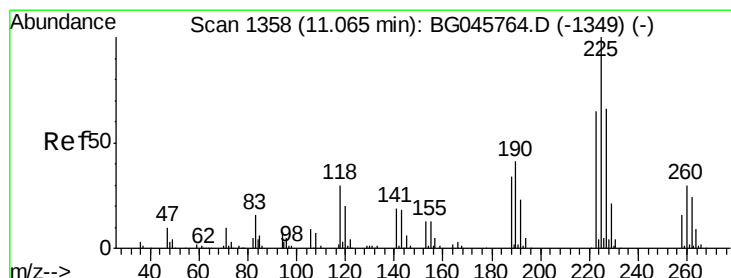
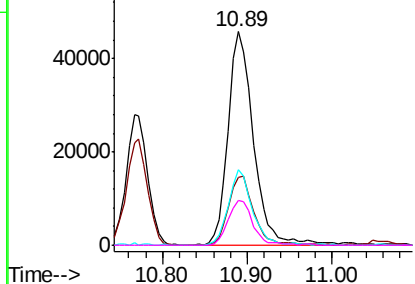
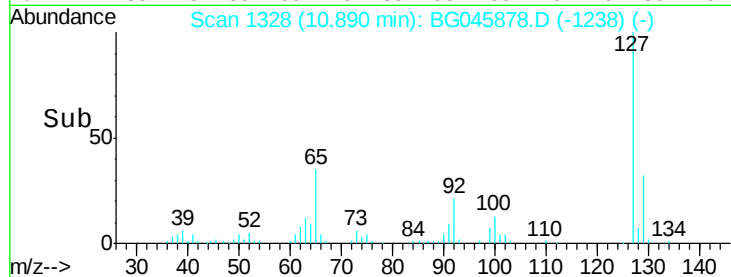
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.8	40.2
65	35.4	27.8	41.8
92	21.3	17.3	25.9

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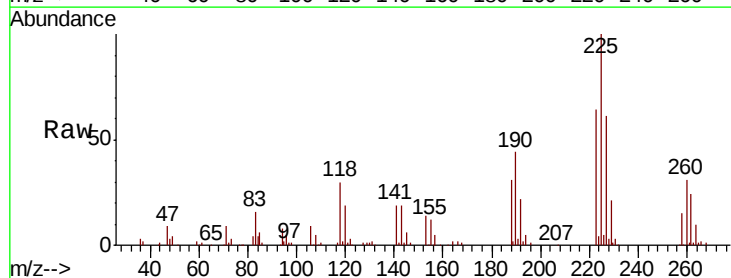


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

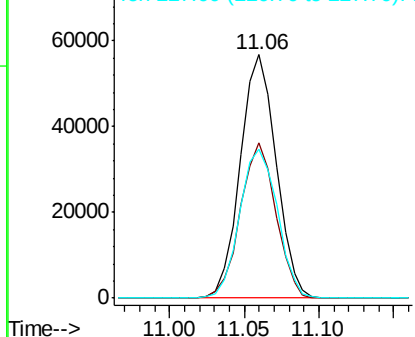
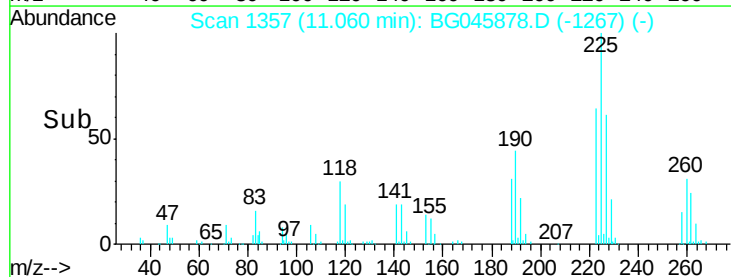


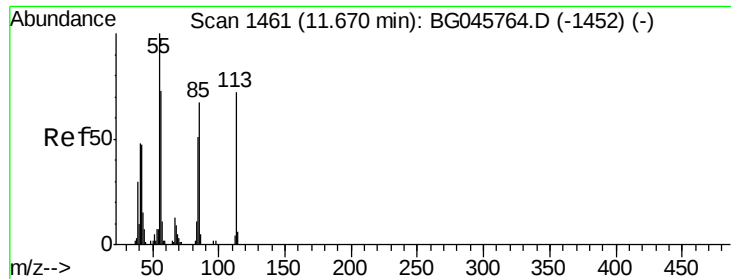
#34
Hexachlorobutadiene
Concen: 37.379 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	52.0	78.0
227	61.4	52.5	78.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





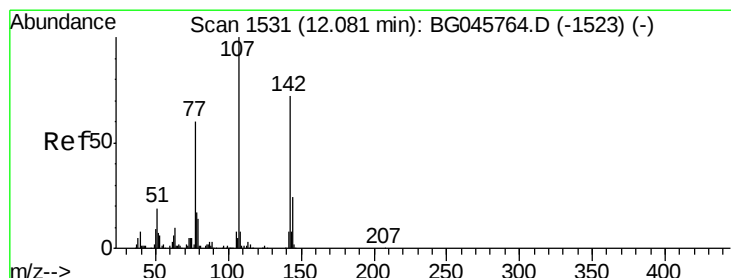
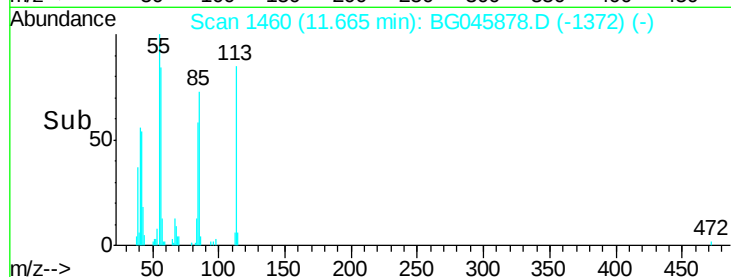
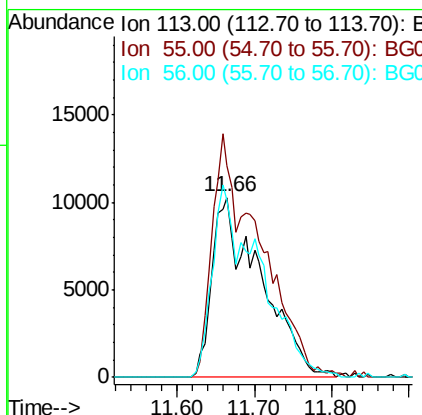
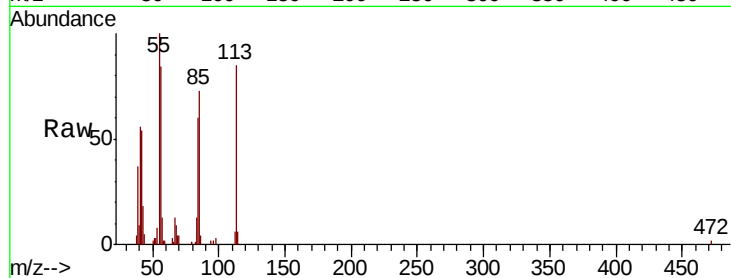
#35
Caprolactam
Concen: 46.226 ng/ml
RT: 11.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:113 Resp: 44967
Ion Ratio Lower Upper
113 100
55 117.5 119.7 159.7#
56 98.2 82.5 122.5

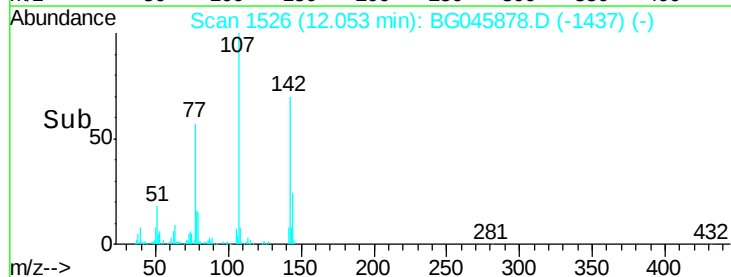
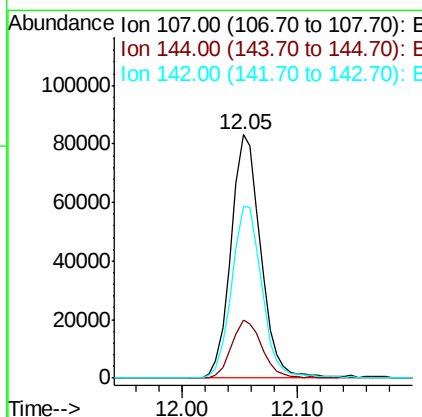
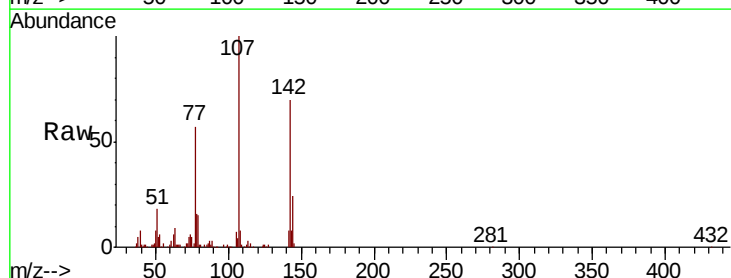
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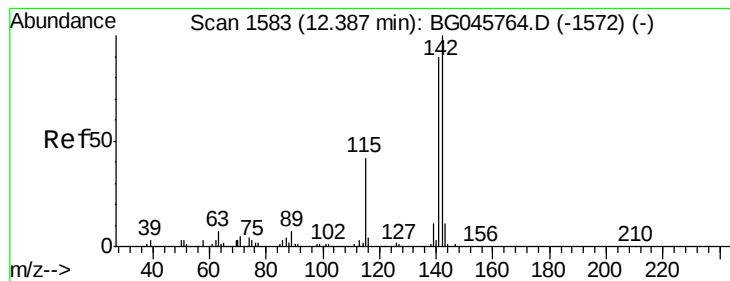
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#36
4-Chloro-3-methylphenol
Concen: 42.770 ng/ml
RT: 12.05 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:107 Resp: 148448
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 70.4 57.4 86.0





#37

2-Methylnaphthalene

Concen: 40.407 ng

RT: 12.38 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

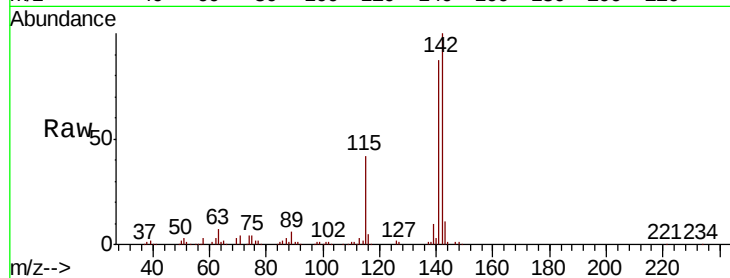
ClientSampleId :

PB129825BSD

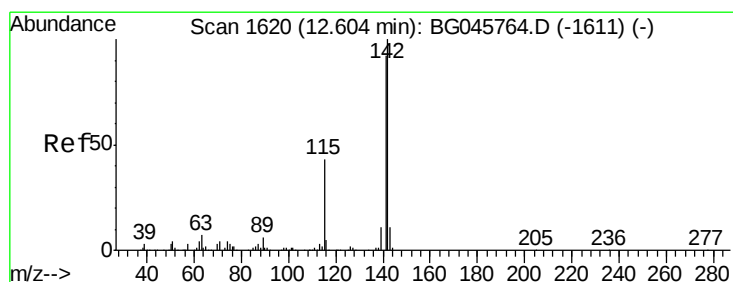
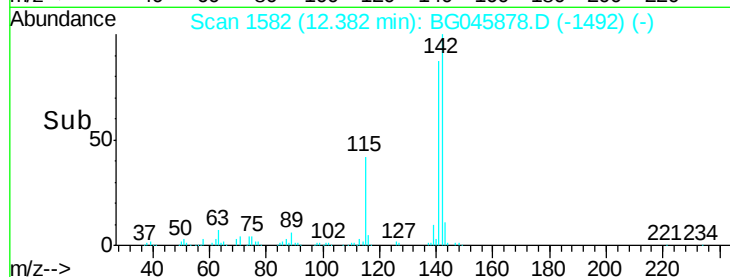
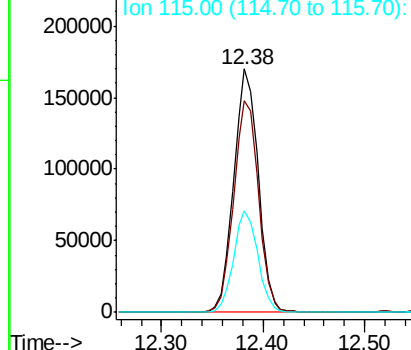
Tot Ion:	142	Resp:	285496
Ion Ratio	Lower	Upper	
142	100		
141	86.8	71.7	107.5
115	42.0	33.8	50.6

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.913 ng

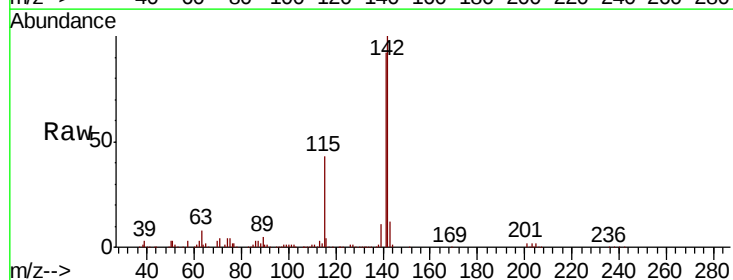
RT: 12.60 min Scan# 1620

Delta R.T. 0.00 min

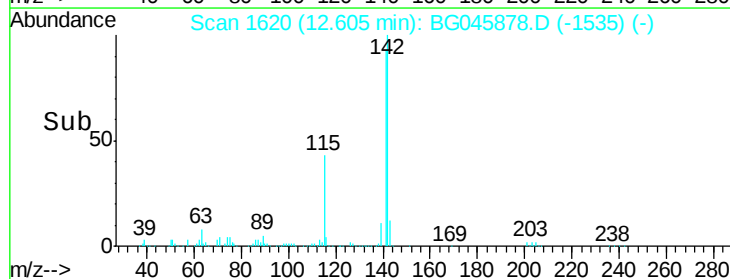
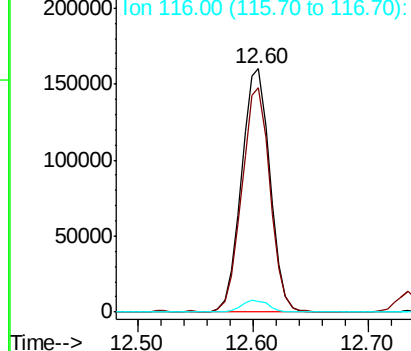
Lab File: BG045878.D

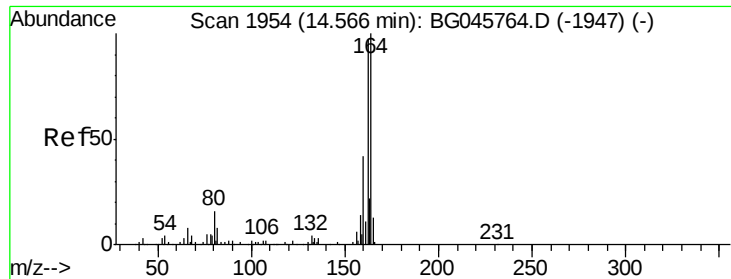
Acq: 29 Jun 2020 16:15

Tgt Ion:	142	Resp:	273554
Ion Ratio	Lower	Upper	
142	100		
141	91.9	73.8	110.8
116	4.3	3.8	5.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





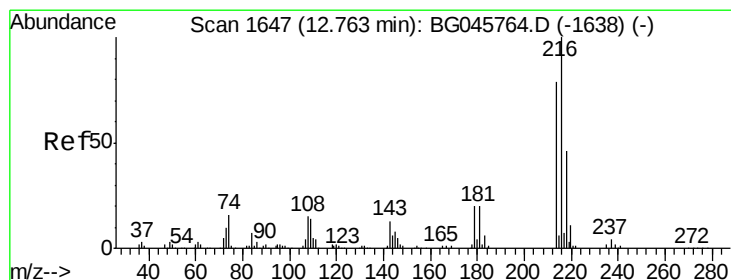
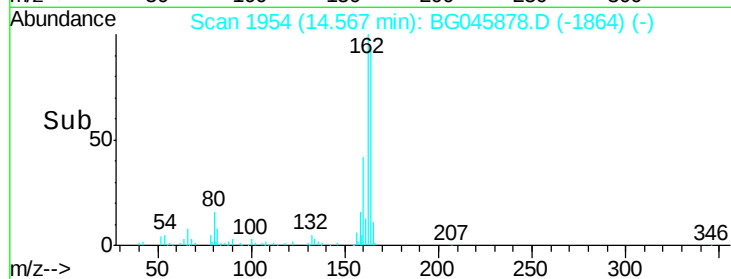
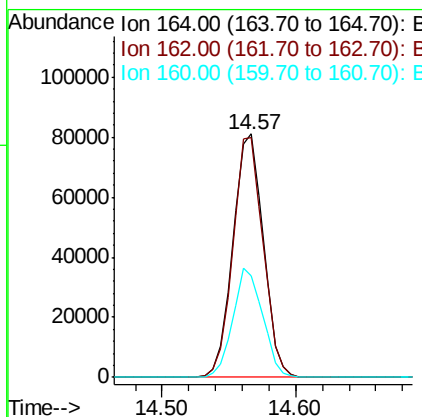
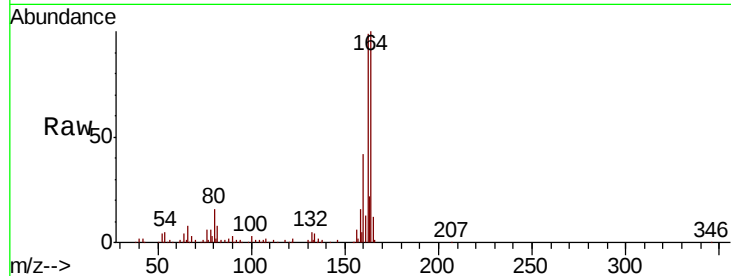
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampled :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.4	116.0
160	41.9	33.3	49.9

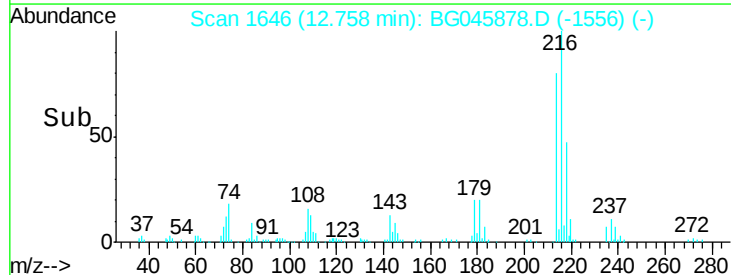
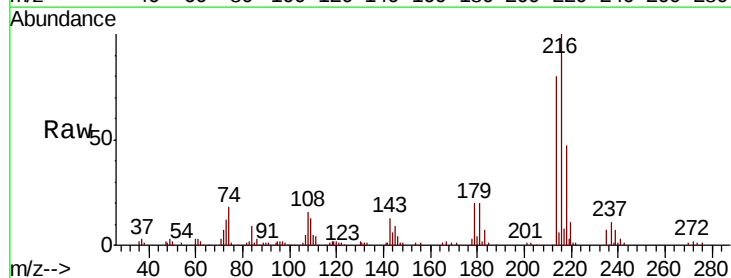
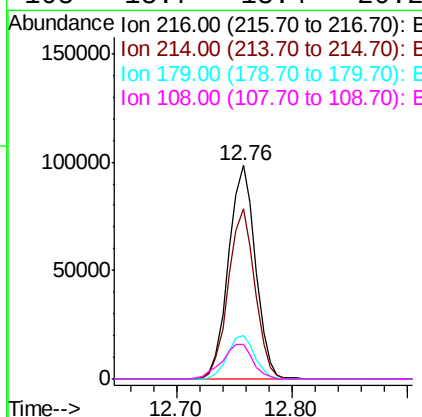
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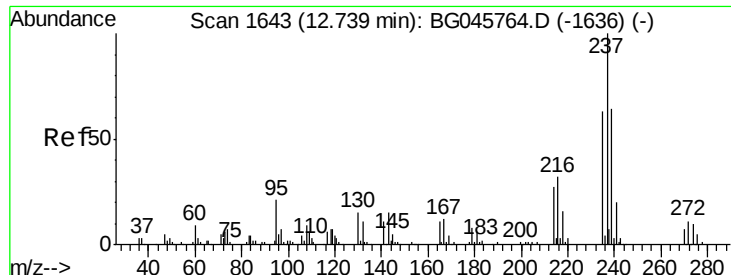
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.706 ng
RT: 12.76 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	20.6	16.2	24.4
108	18.7	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 74.936 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

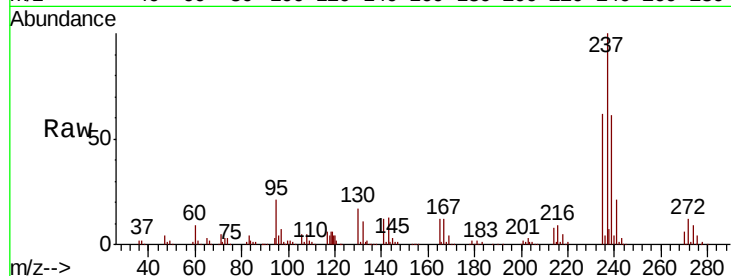
ClientSampleId :

PB129825BSD

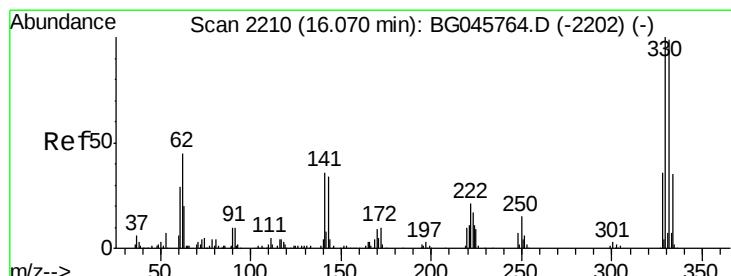
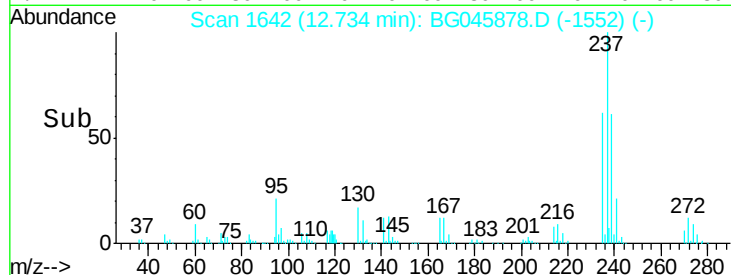
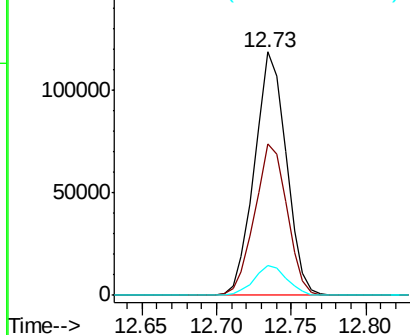
Tot Ion:	237	Resp:	173685
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.9	82.9
272	12.4	0.0	30.9

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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: 118.959 ng

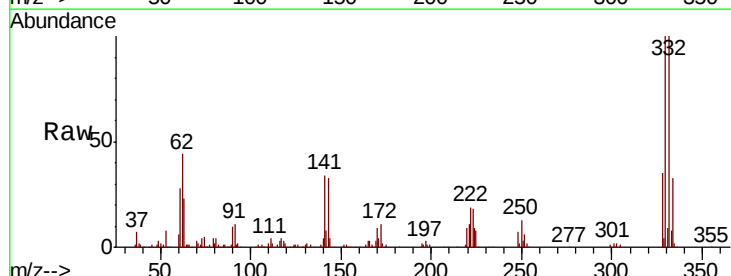
RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

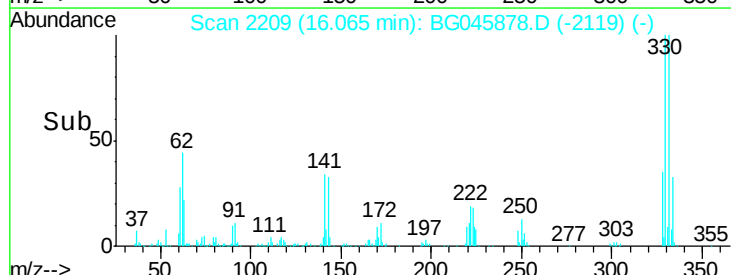
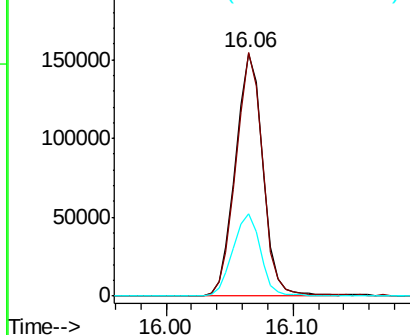
Lab File: BG045878.D

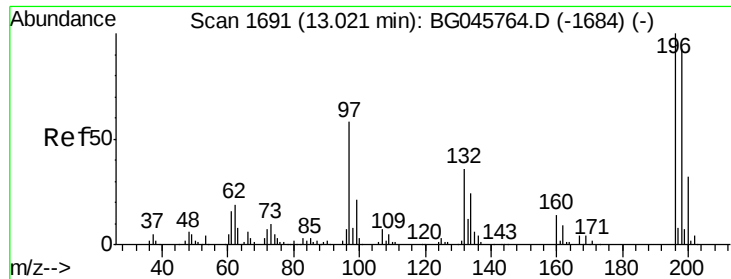
Acq: 29 Jun 2020 16:15

Tgt Ion:	330	Resp:	230698
Ion Ratio	Lower	Upper	
330	100		
332	98.0	78.6	117.8
141	34.3	28.2	42.4



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





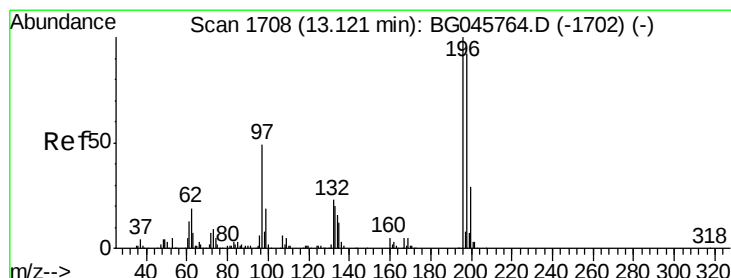
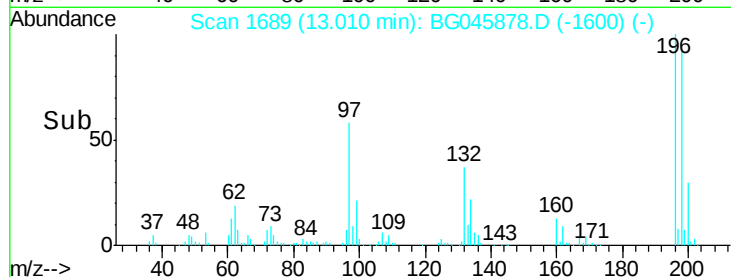
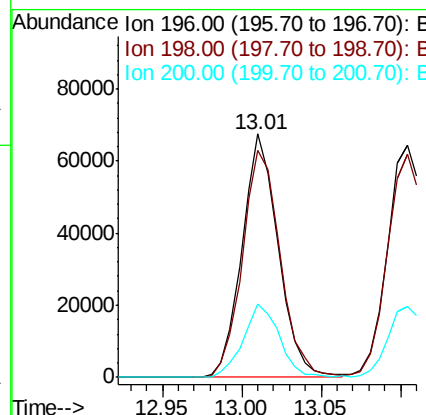
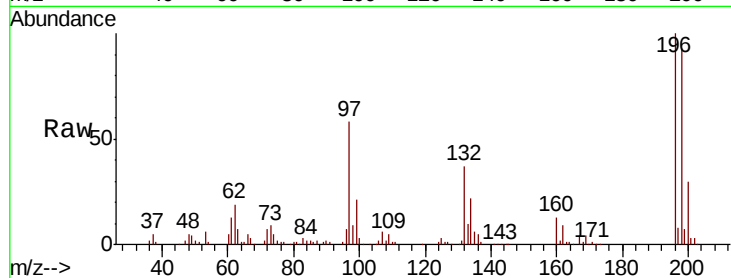
#43
 2,4,6-Trichlorophenol
 Concen: 37.374 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.4	111.6
200	30.3	25.4	38.2

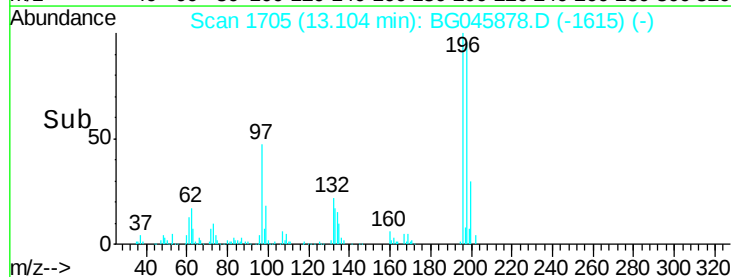
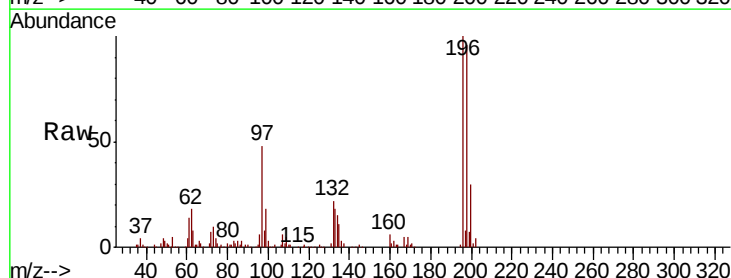
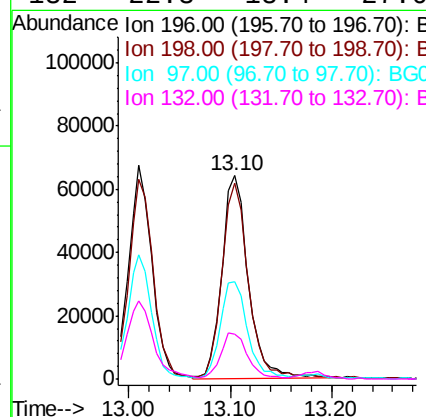
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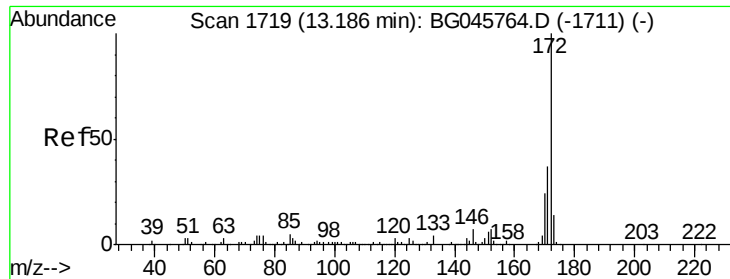
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 35.245 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	74.0	111.0
97	47.8	39.0	58.6
132	22.3	18.4	27.6





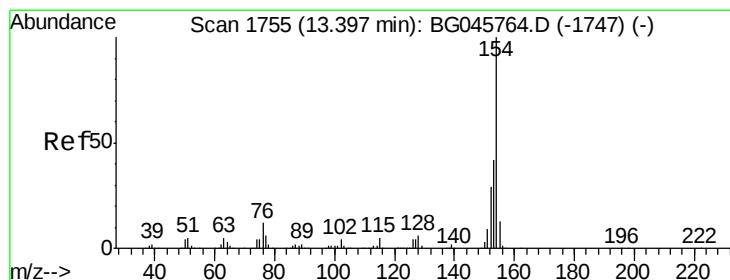
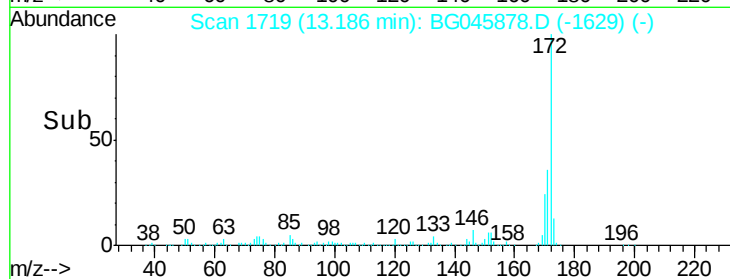
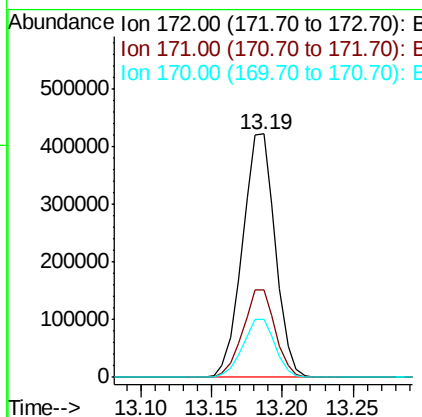
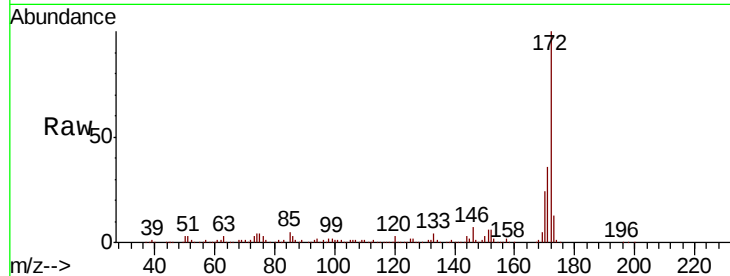
#45
2-Fluorobiphenyl
Concen: 78.330 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.7	19.3	28.9

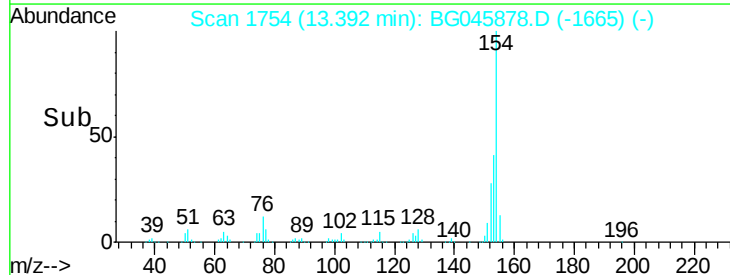
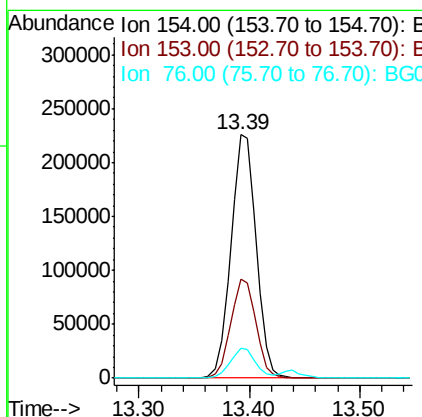
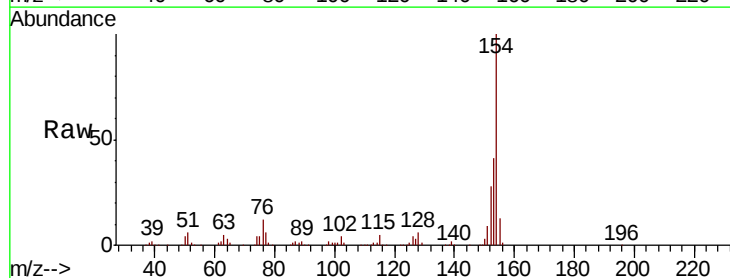
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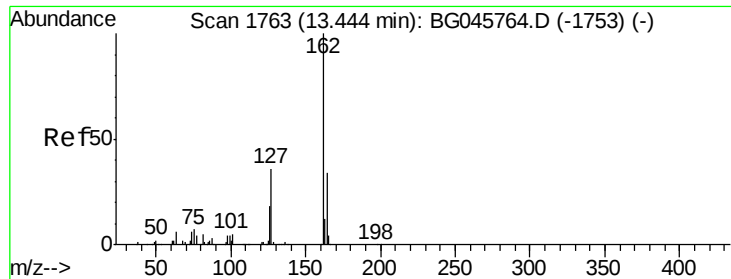
mohammad
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#46
1,1'-Biphenyl
Concen: 39.325 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.7	61.7
76	12.5	0.0	32.0





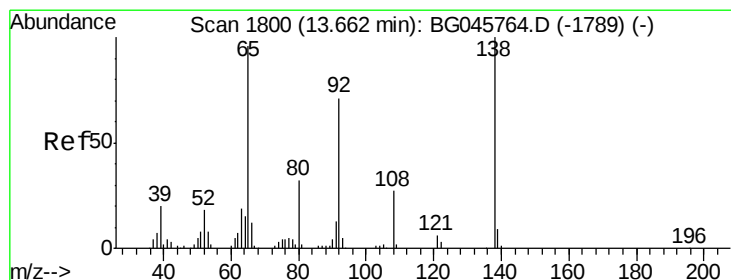
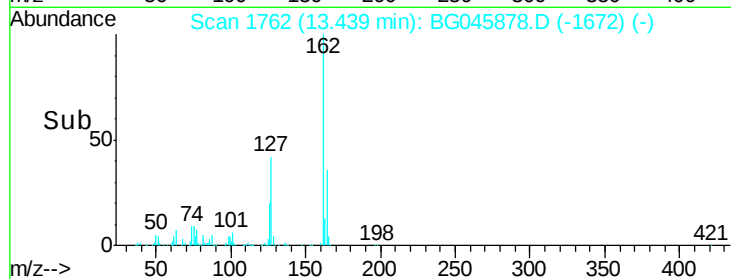
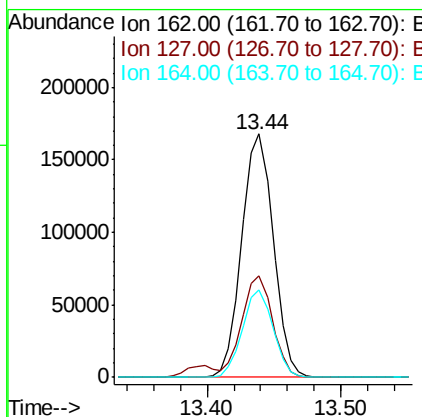
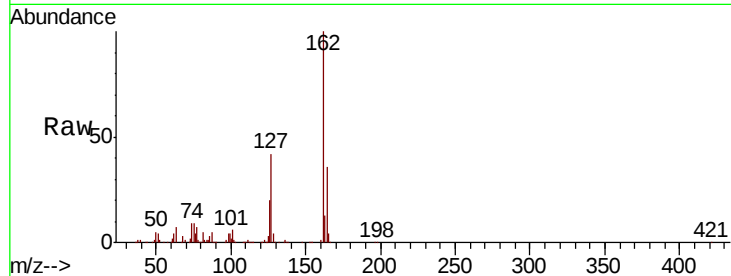
#47
2-Chloronaphthalene
Concen: 37.017 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.5	45.7
164	36.0	27.2	40.8

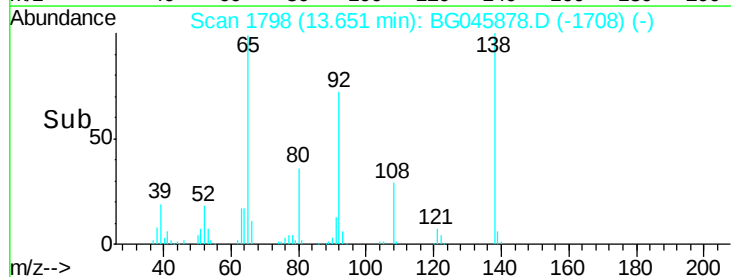
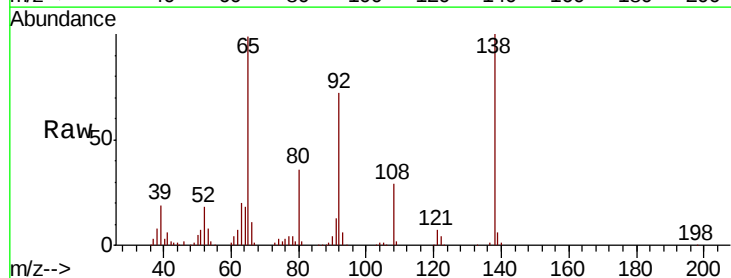
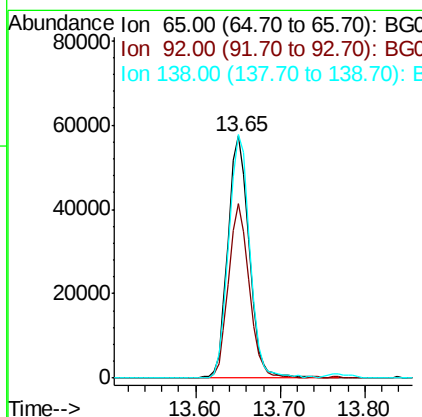
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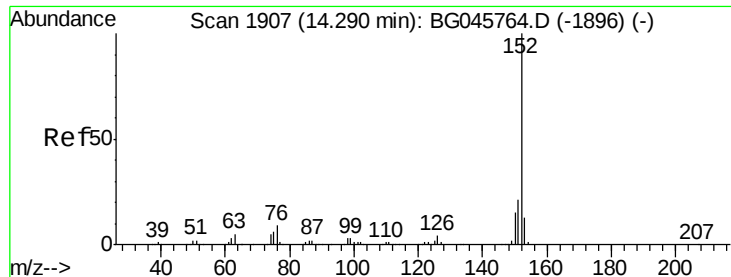
mohammad
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#48
2-Nitroaniline
Concen: 40.272 ng
RT: 13.65 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	59.0	88.6
138	100.6	83.6	125.4





#49

Acenaphthylene

Concen: 39.001 ng

RT: 14.28 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

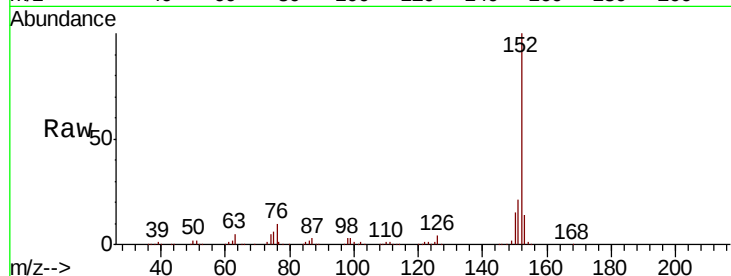
ClientSampleId :

PB129825BSD

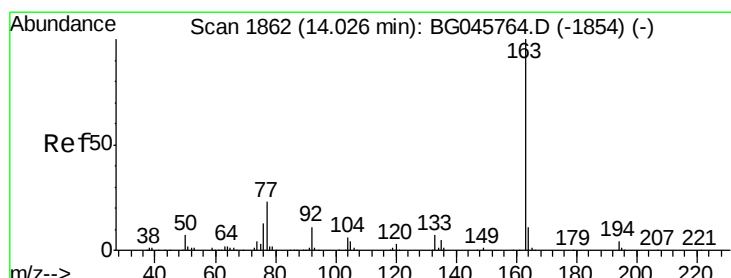
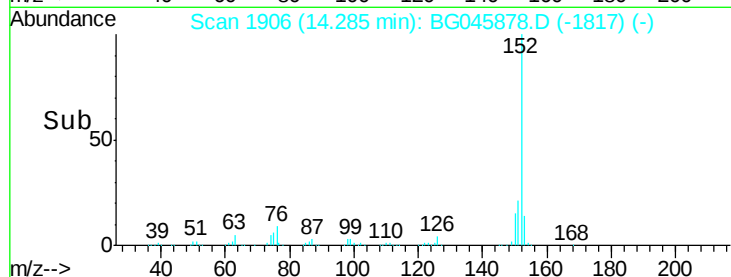
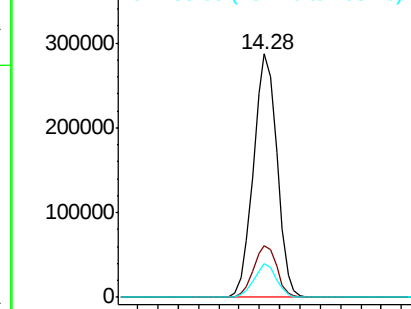
Tot Ion:	152	Resp:	464073
Ion Ratio	Lower	Upper	
152	100		
151	21.3	17.0	25.4
153	13.9	10.6	15.8

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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: 39.738 ng

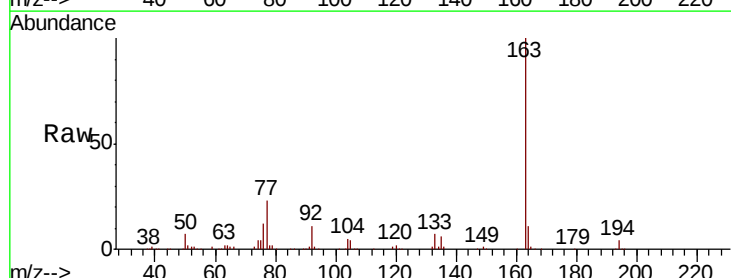
RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

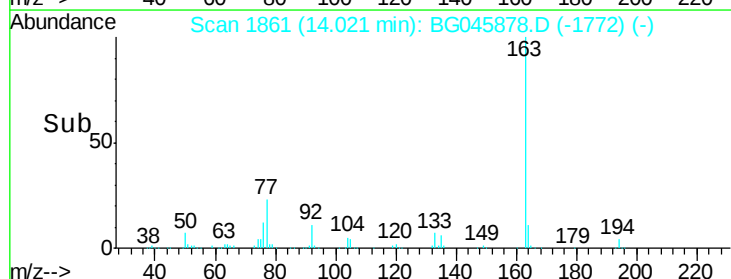
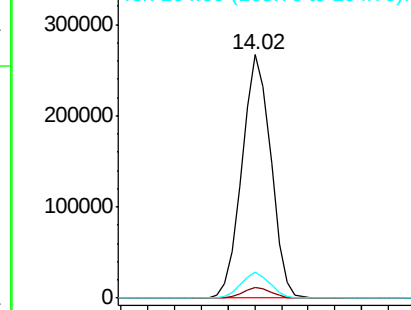
Lab File: BG045878.D

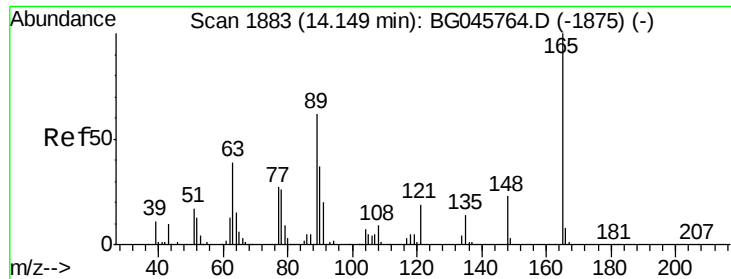
Acq: 29 Jun 2020 16:15

Tgt Ion:	163	Resp:	399878
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.9	8.9	13.3



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: 39.754 ng

RT: 14.14 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

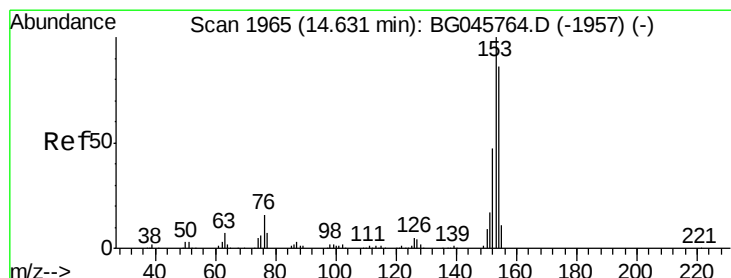
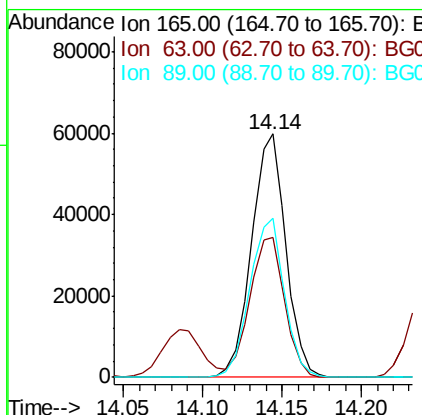
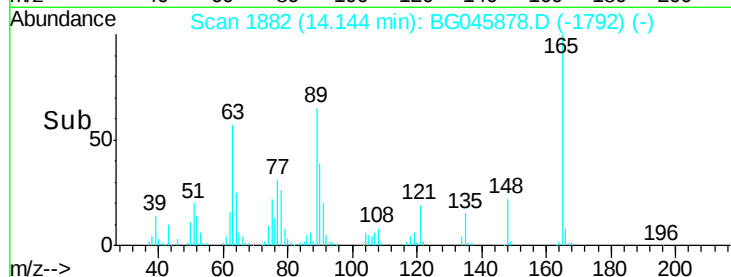
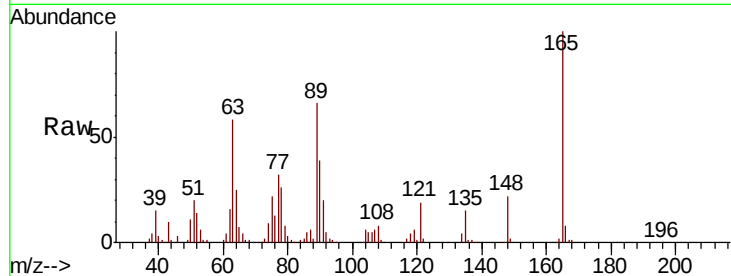
ClientSampleId :

PB129825BSD

Tot Ion:	165	Resp:	89850
Ion Ratio	Lower	Upper	
165	100		
63	57.7	41.2	61.8
89	65.5	49.7	74.5

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#52

Acenaphthene

Concen: 39.212 ng

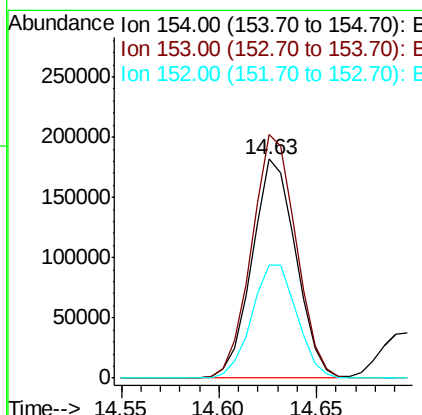
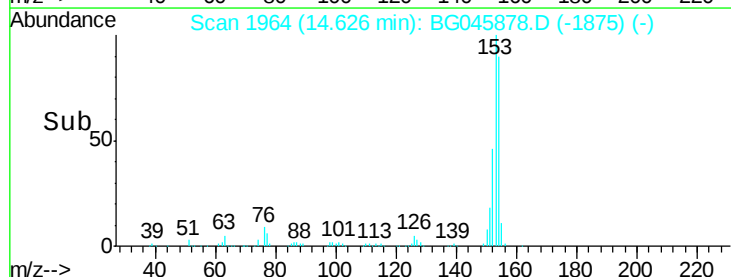
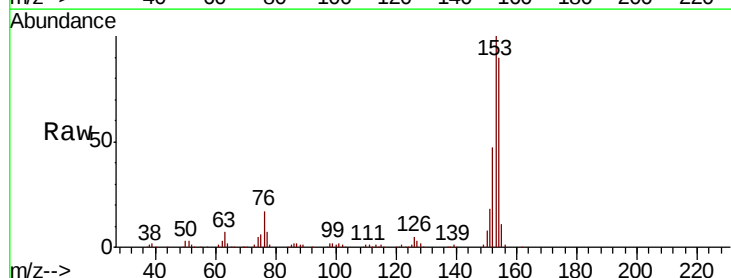
RT: 14.63 min Scan# 1964

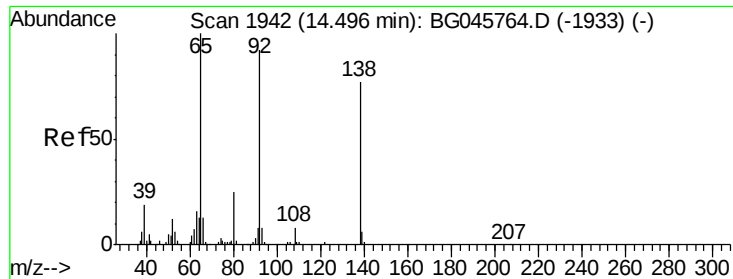
Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:	154	Resp:	282824
Ion Ratio	Lower	Upper	
154	100		
153	111.1	93.0	139.4
152	51.9	43.7	65.5





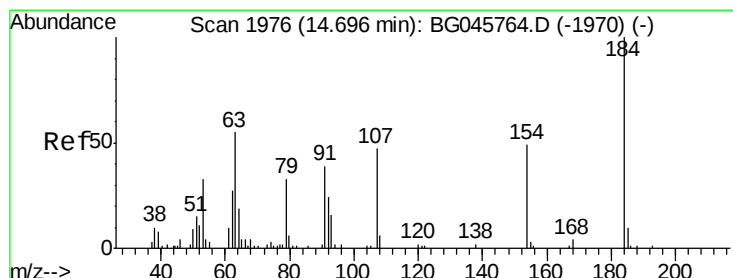
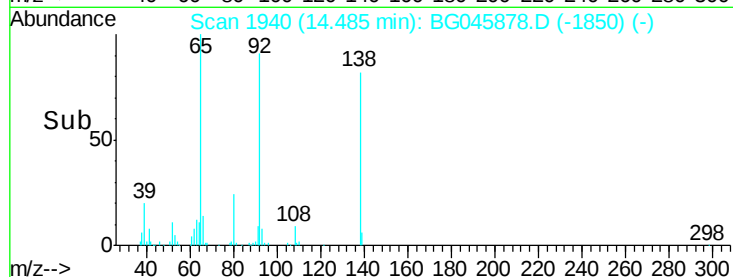
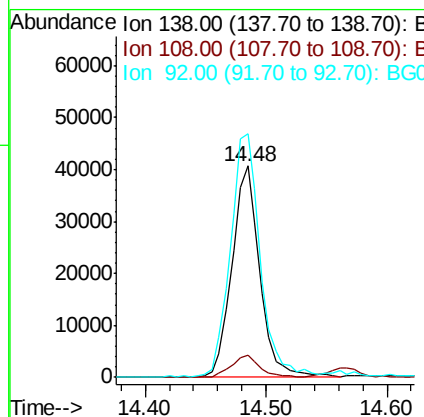
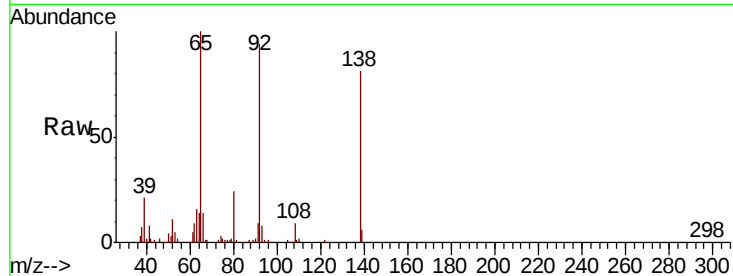
#53
3-Nitroaniline
Concen: 28.928 ng
RT: 14.48 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.4	12.6
92	115.2	95.6	143.4

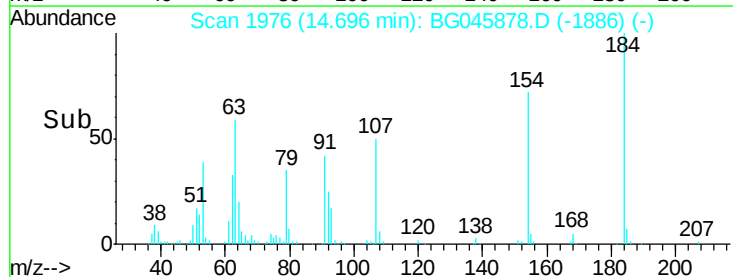
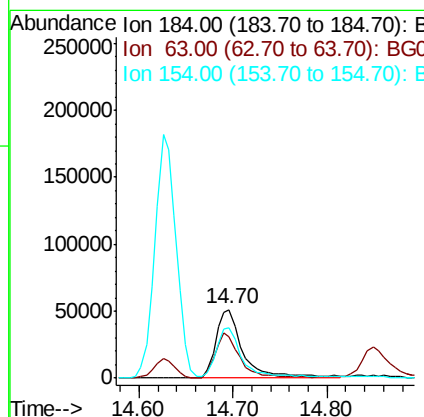
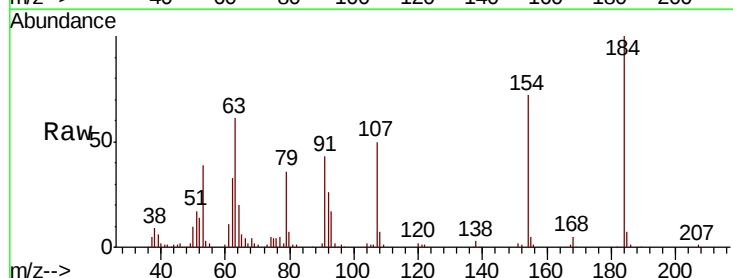
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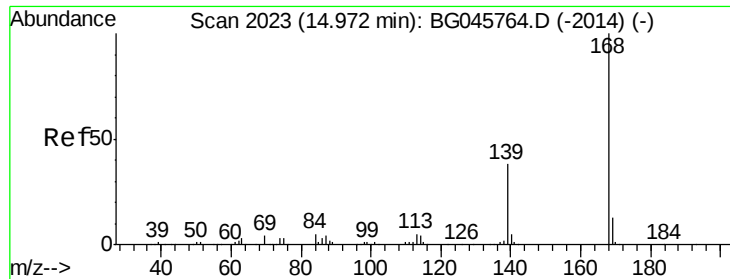
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#54
2,4-Dinitrophenol
Concen: 81.989 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.8	46.6	70.0
154	72.4	58.6	87.8





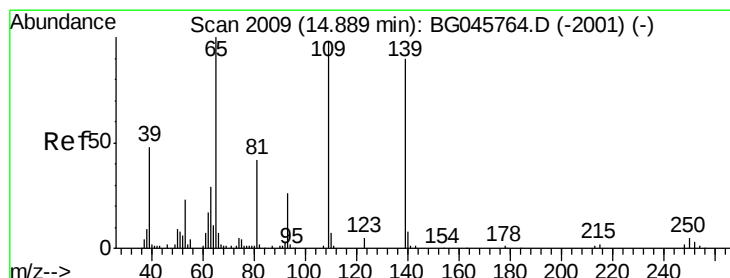
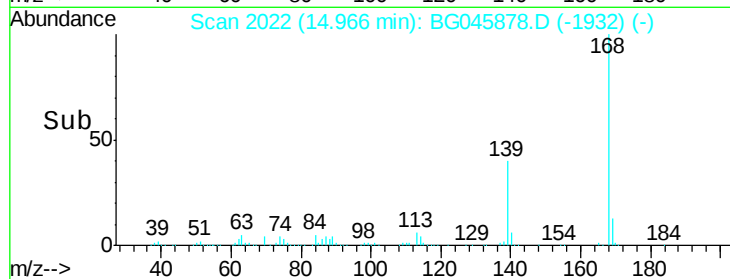
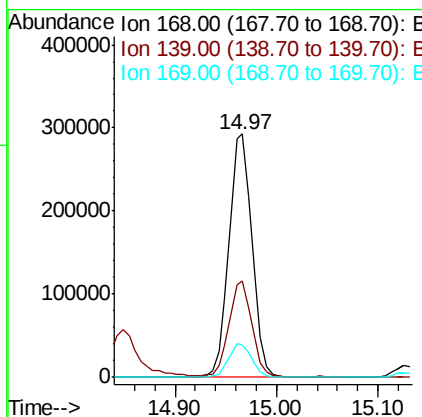
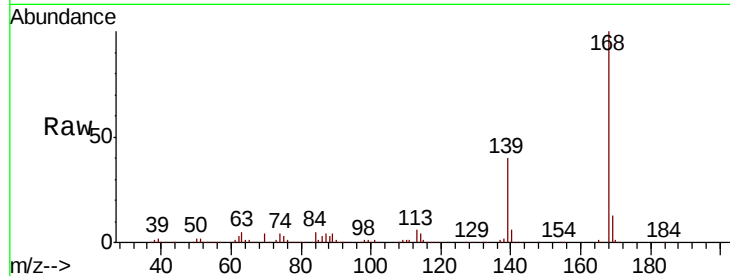
#55
Dibenzenofuran
Concen: 39.513 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.8	47.6
169	13.4	10.4	15.6

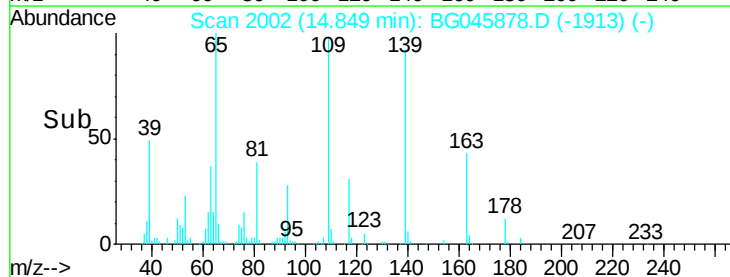
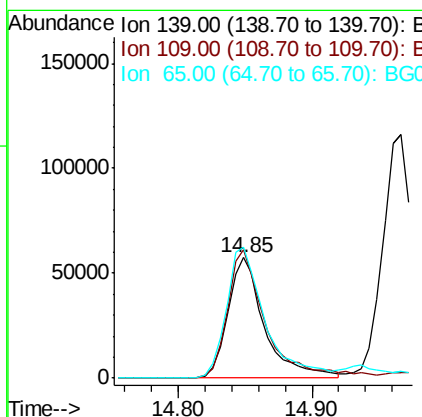
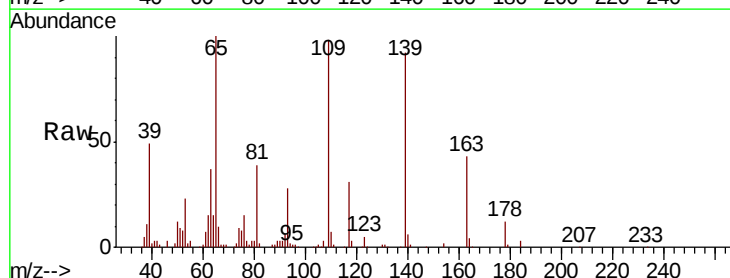
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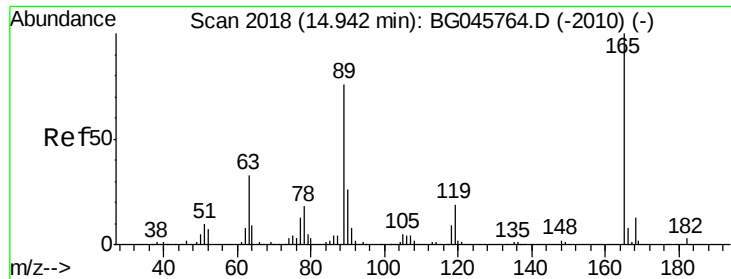
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#56
4-Nitrophenol
Concen: 68.807 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.7	88.9	128.9
65	108.7	92.3	132.3





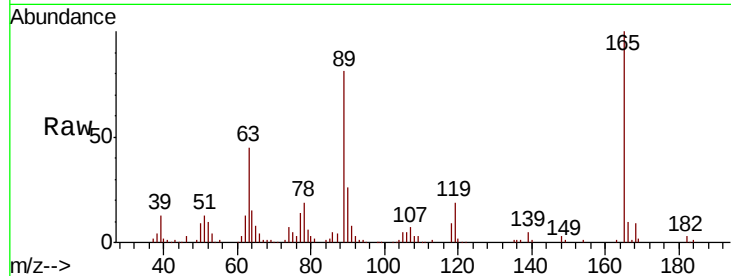
#57
2,4-Dinitrotoluene
Concen: 40.860 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

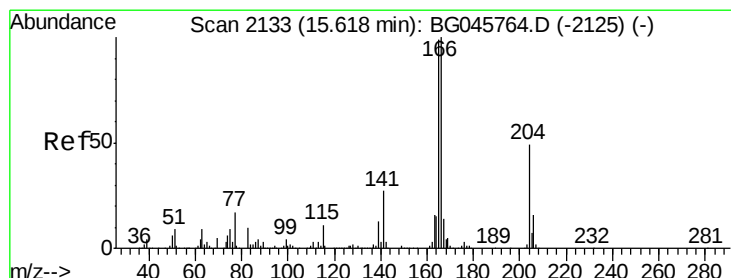
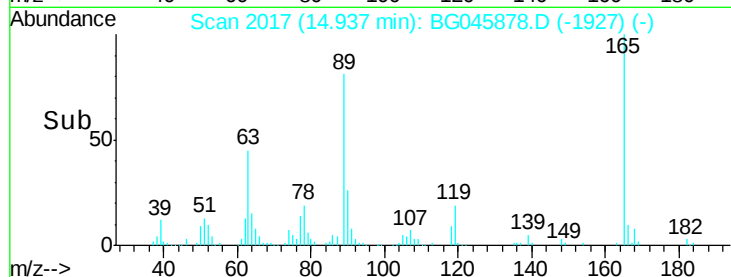
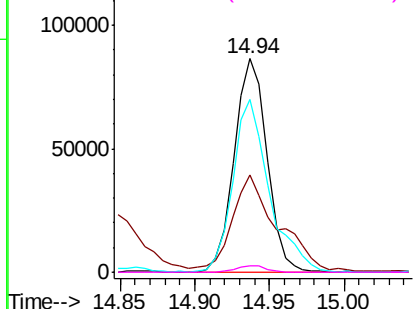
Tot Ion	Ratio	Resp	Lower	Upper
165	100	132319		
63	45.4		33.8	50.8
89	81.2		60.4	90.6
182	3.1		2.6	3.8

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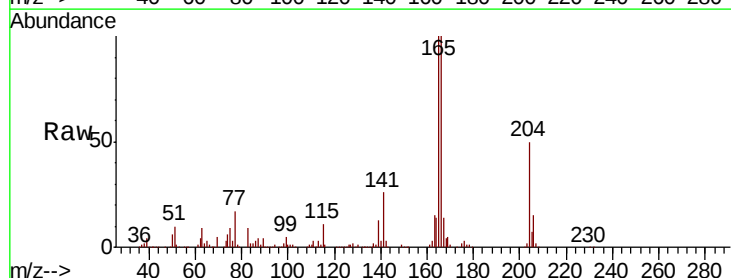


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

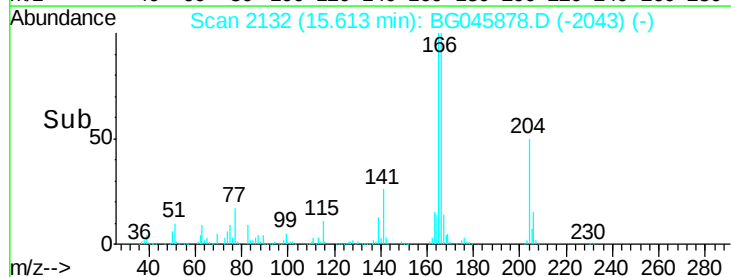
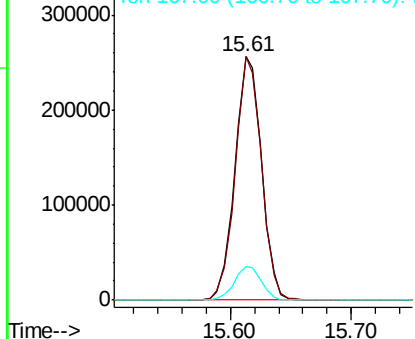


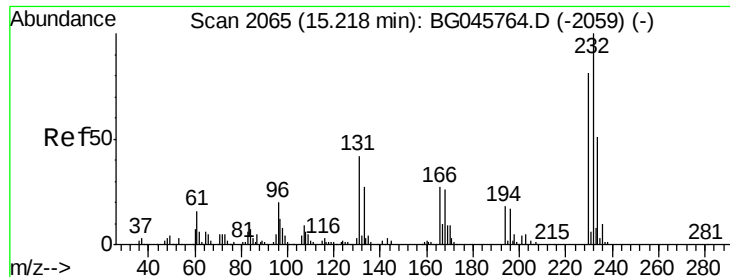
#58
Fluorene
Concen: 40.246 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	392111		
165	100.1		79.1	118.7
167	13.9		11.5	17.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





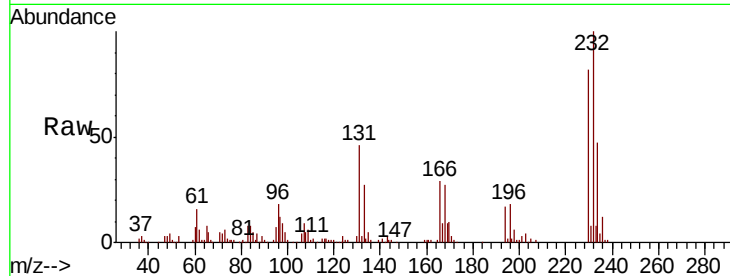
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.972 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampled :
PB129825BSD

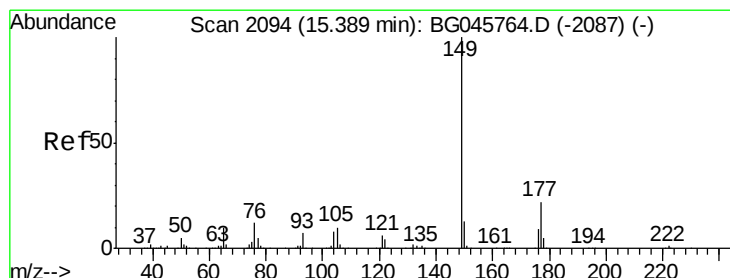
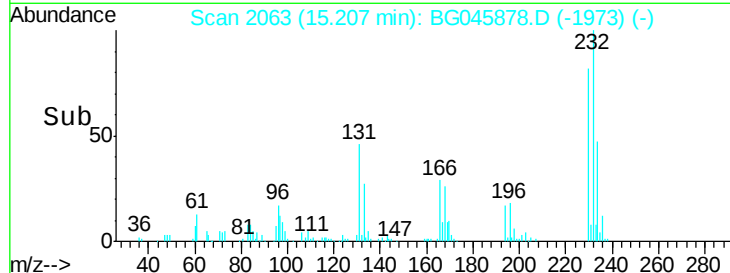
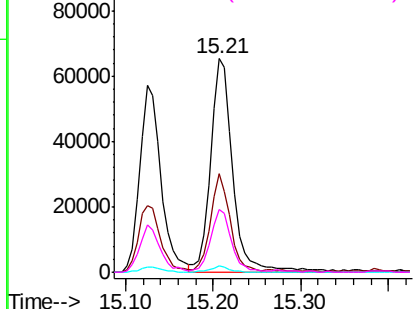
Tot Ion	Ratio	Resp	Lower	Upper
232	100	116225		
131	39.8	32.2	48.2	
130	2.4	2.2	3.4	
166	26.8	21.3	31.9	

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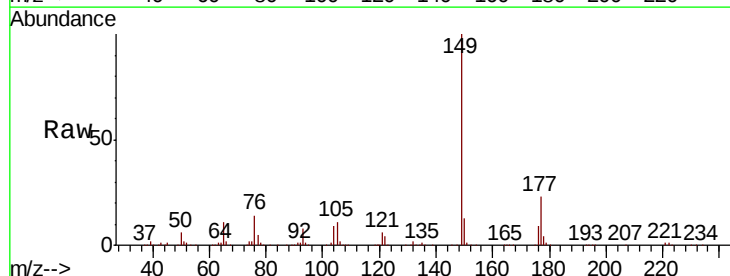


Abundance Ion 232.00 (231.70 to 232.70): E
100000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

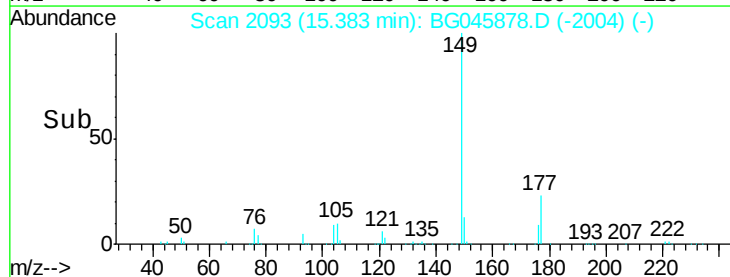
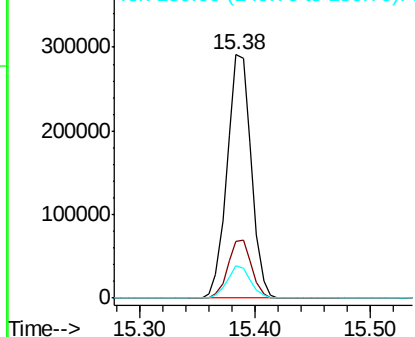


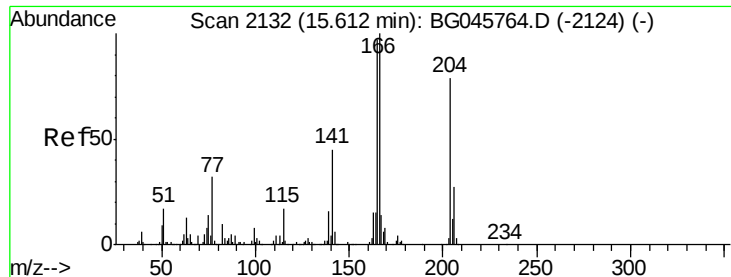
#60
Diethylphthalate
Concen: 40.791 ng
RT: 15.38 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419622		
177	23.4	17.2	25.8	
150	13.2	10.7	16.1	



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





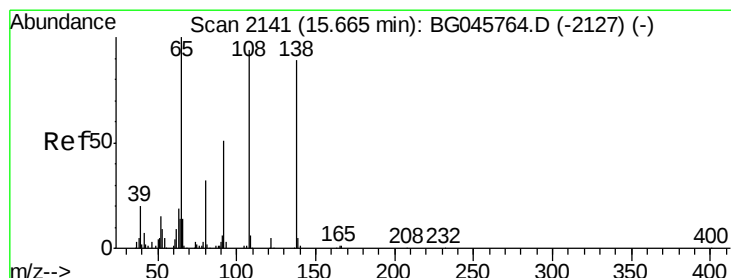
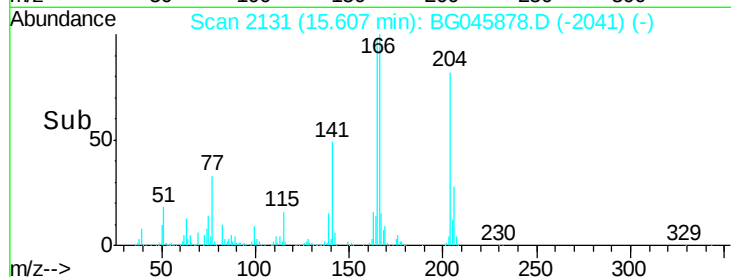
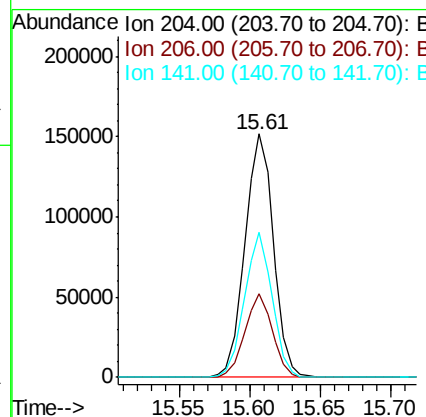
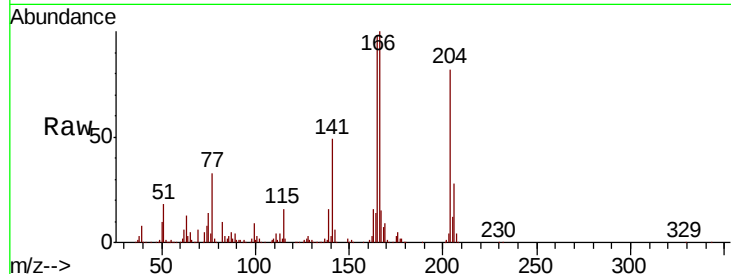
#61
4-Chlorophenyl-phenylether
Concen: 38.142 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.2	40.8
141	59.4	45.9	68.9

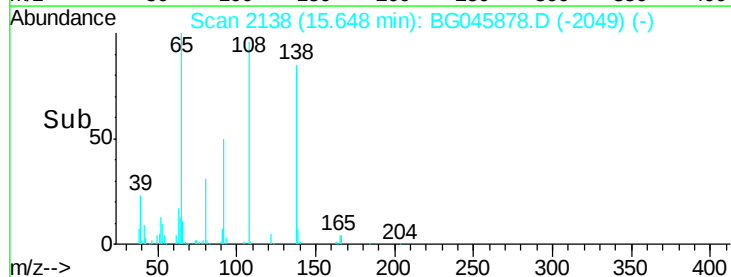
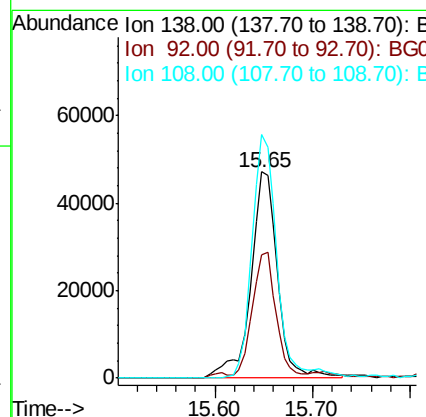
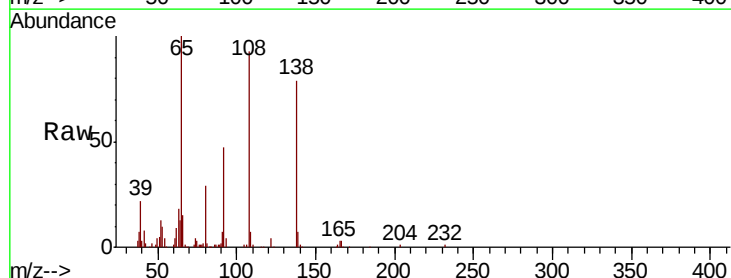
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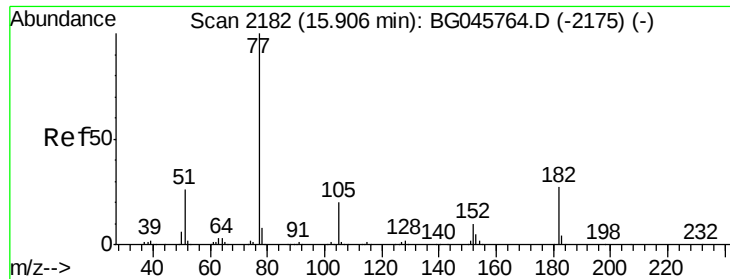
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#62
4-Nitroaniline
Concen: 38.833 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.9	37.3	77.3
108	118.2	85.0	125.0





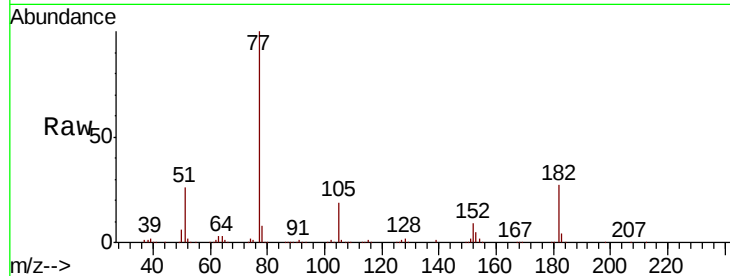
#63
Azobenzene
Concen: 41.196 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

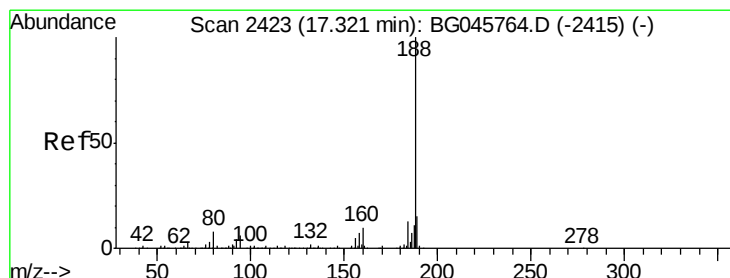
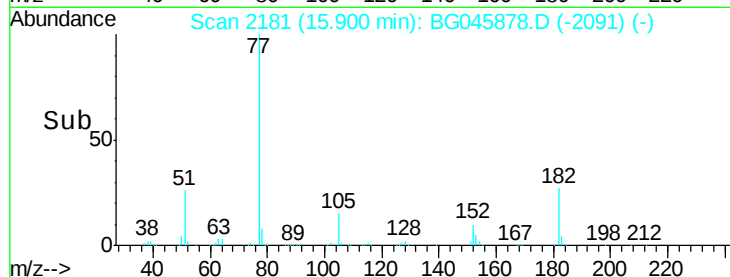
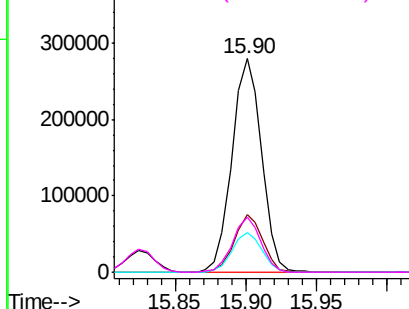
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.9	7.4	47.4	
105	18.5	0.1	40.1	
51	25.9	5.7	45.7	

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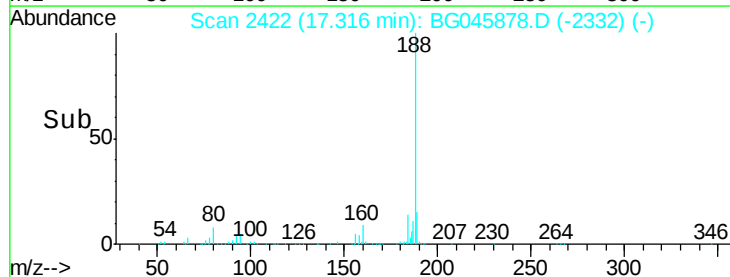
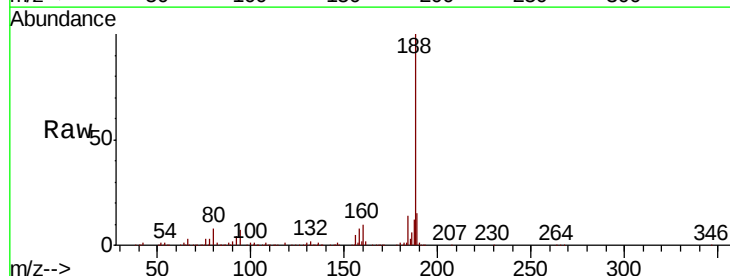
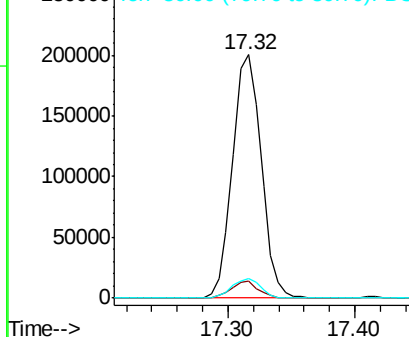
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

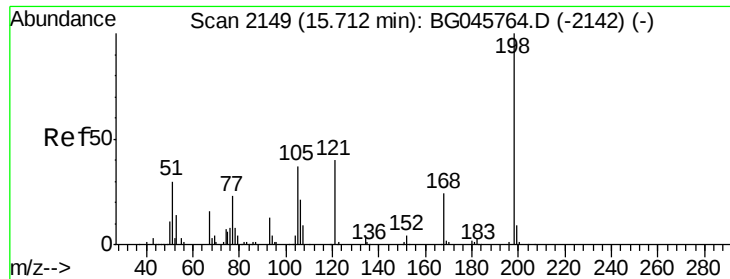


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.9	5.1	7.7	
80	8.3	6.2	9.4	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 44.364 ng

RT: 15.71 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

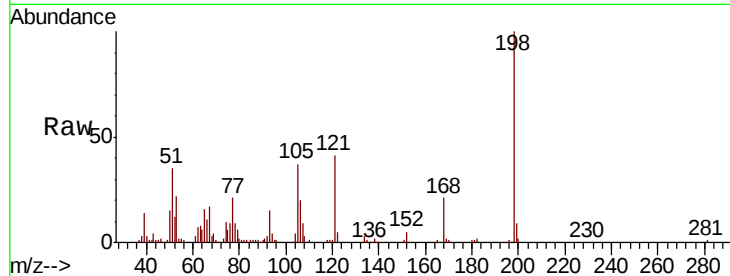
ClientSampleId :

PB129825BSD

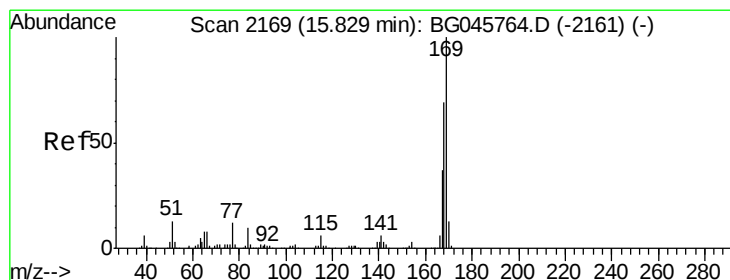
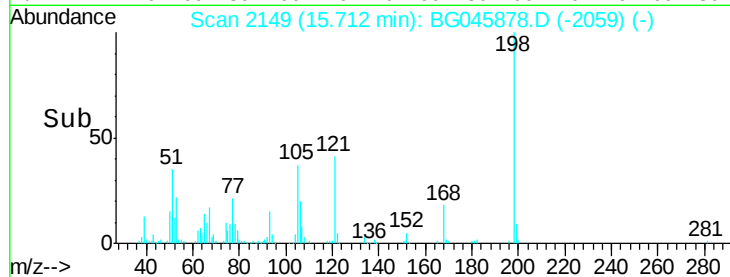
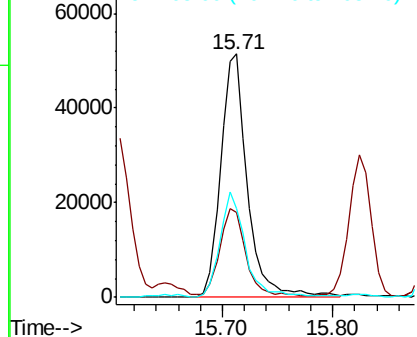
Tot Ion:	198	Resp:	86162
Ion Ratio	Lower	Upper	
198	100		
51	34.6	14.6	54.6
105	36.5	18.4	58.4

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



#66

n-Nitrosodiphenylamine

Concen: 39.273 ng

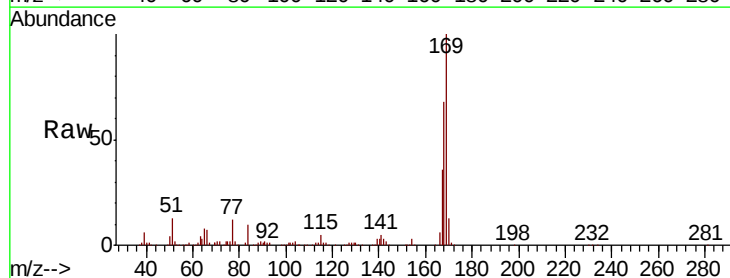
RT: 15.82 min Scan# 2168

Delta R.T. -0.00 min

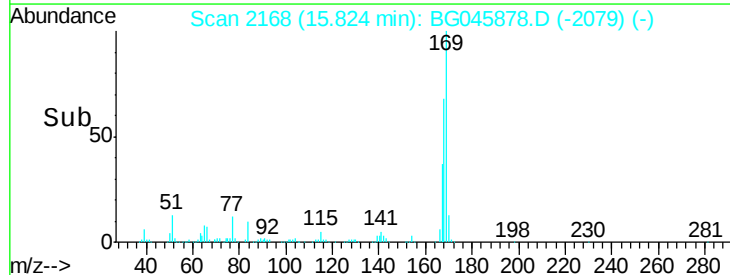
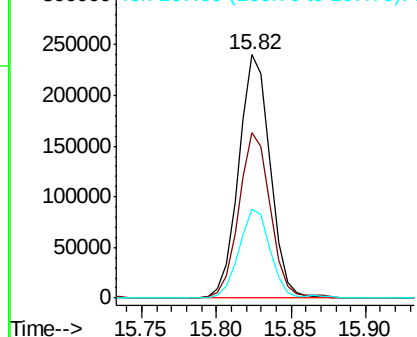
Lab File: BG045878.D

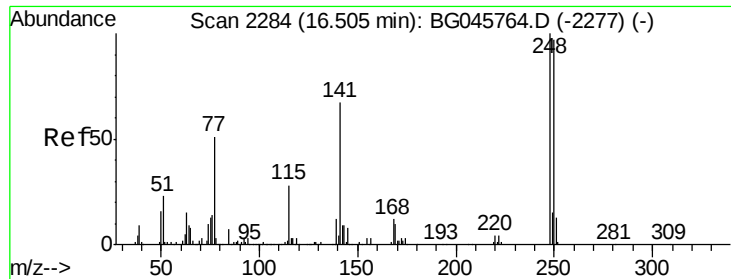
Acq: 29 Jun 2020 16:15

Tgt Ion:	169	Resp:	349584
Ion Ratio	Lower	Upper	
169	100		
168	67.7	55.2	82.8
167	36.5	29.8	44.6



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





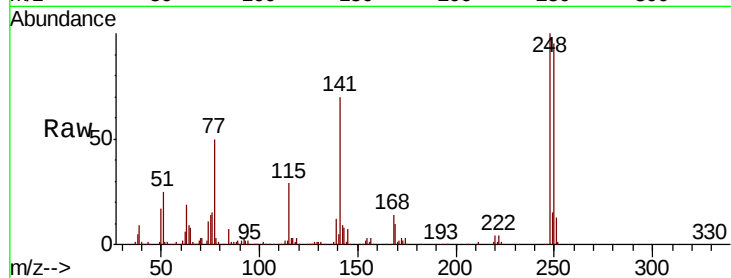
#67
4-Bromophenyl-phenylether
Concen: 37.430 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampled :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	78.0	117.0
141	69.8	53.9	80.9

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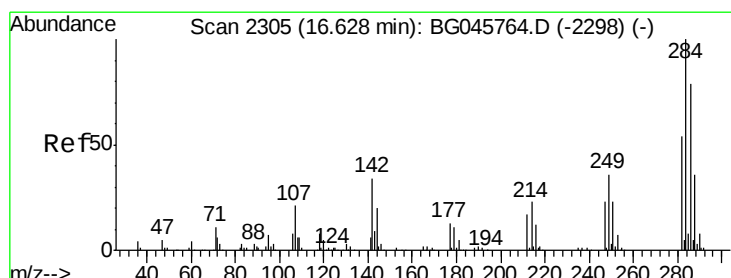
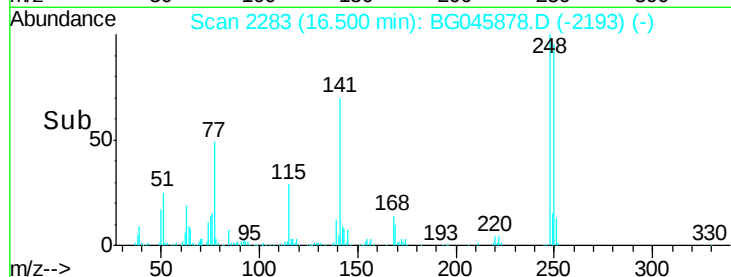
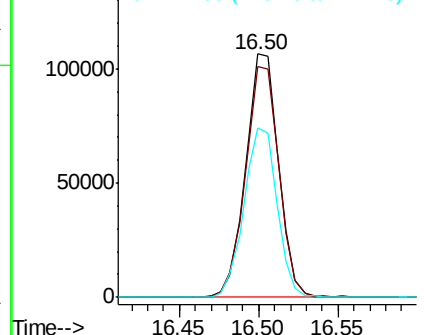


Abundance

Ion 248.00 (247.70 to 248.70): E

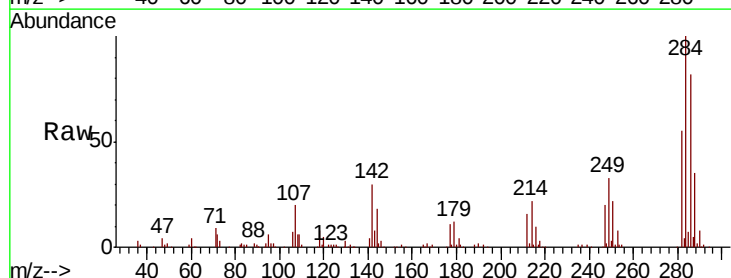
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.783 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.9	40.3
249	33.5	28.6	42.8

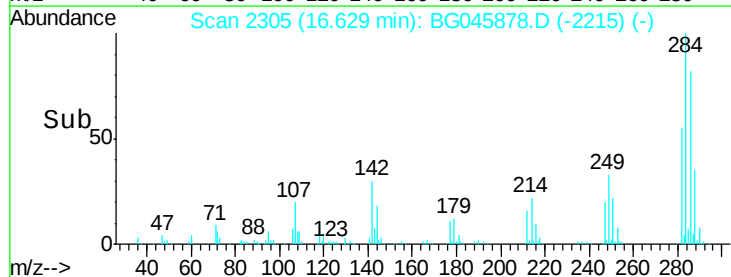
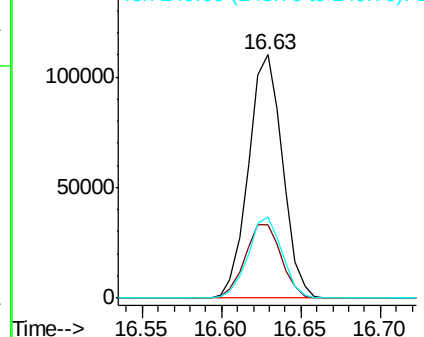


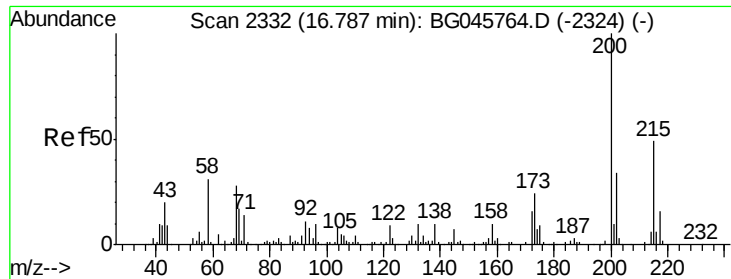
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





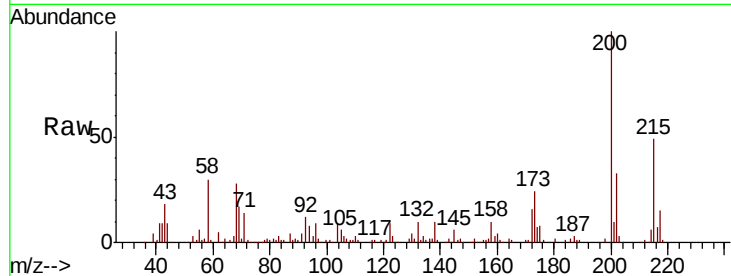
#69
 Atrazine
 Concen: 39.616 ng
 RT: 16.78 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

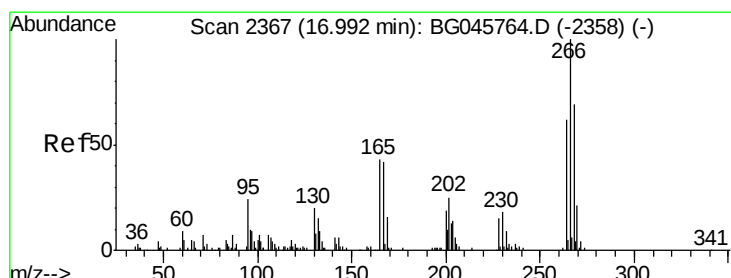
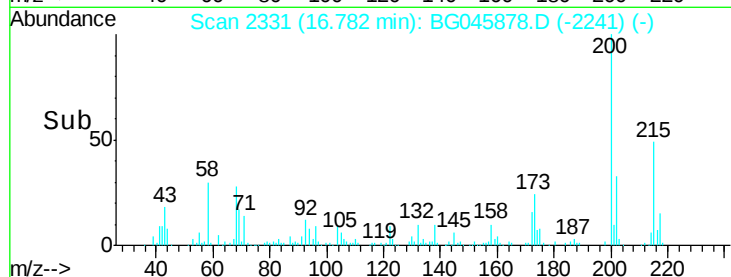
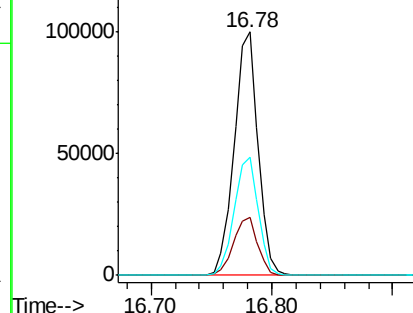
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.9	3.9	43.9
215	48.6	28.8	68.8

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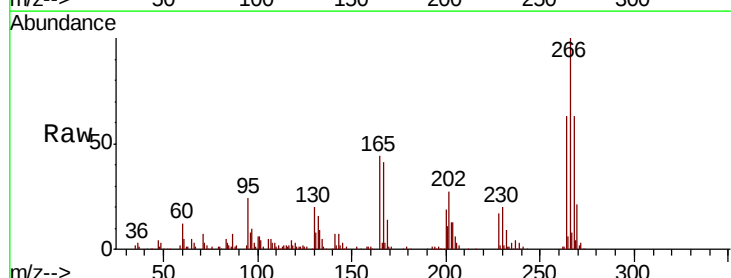


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

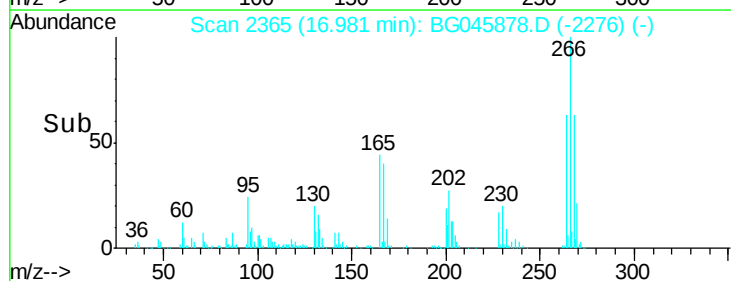
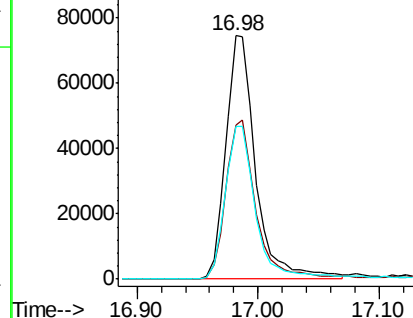


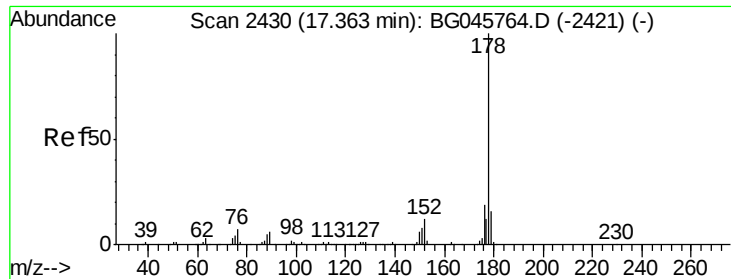
#70
 Pentachlorophenol
 Concen: 62.746 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	55.4	83.0
264	62.8	49.8	74.6



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





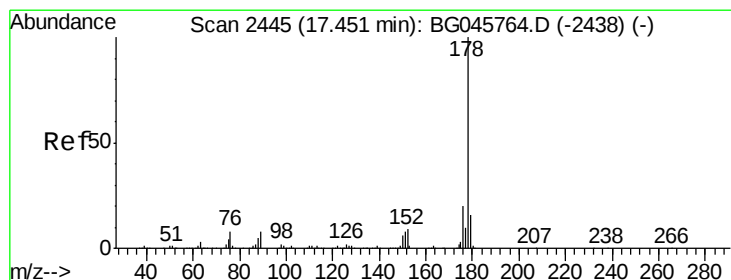
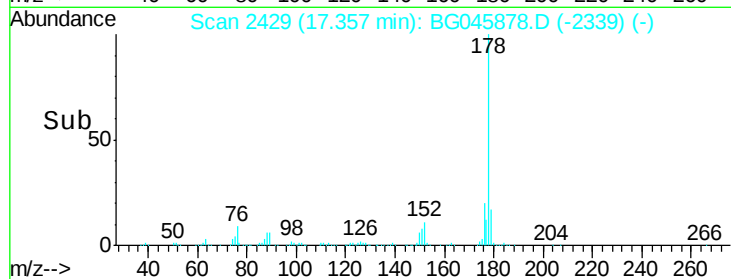
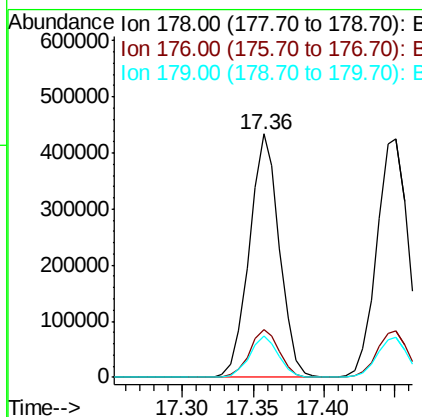
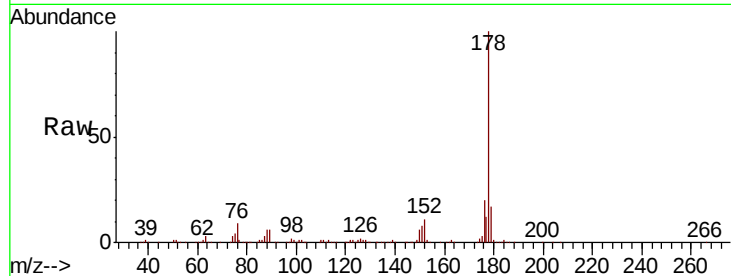
#71
Phenanthrene
Concen: 40.023 ng
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	17.0	13.2	19.8

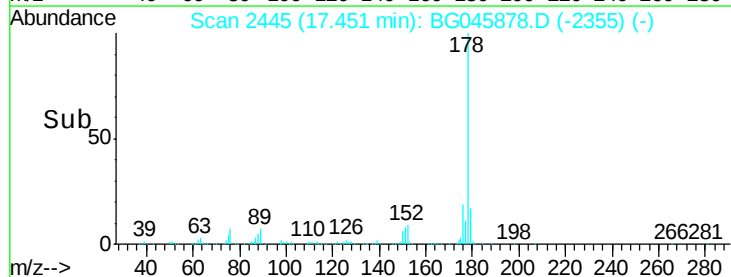
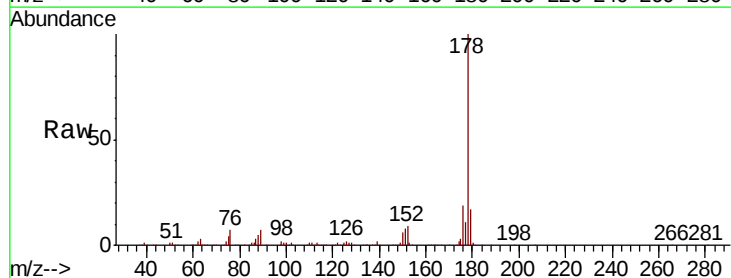
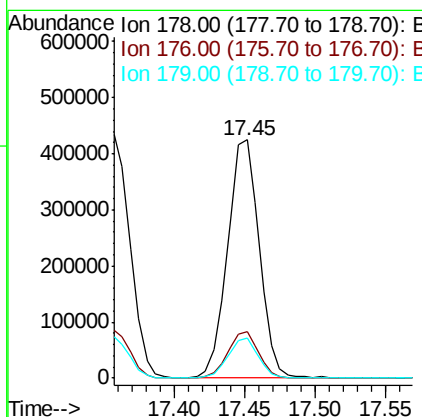
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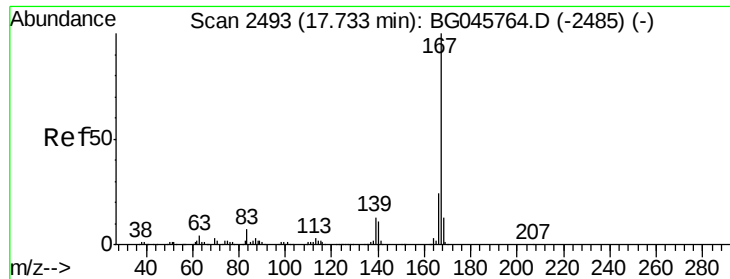
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#72
Anthracene
Concen: 40.849 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.6	13.1	19.7





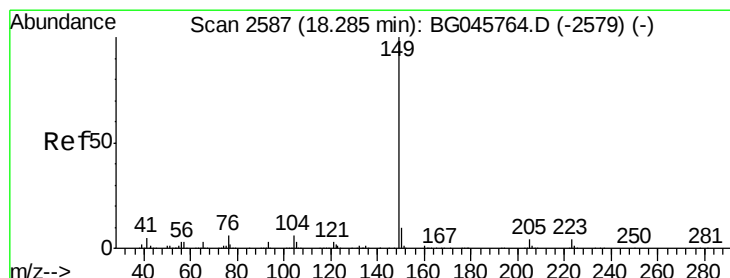
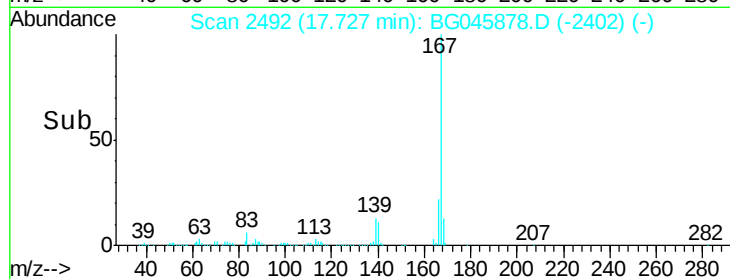
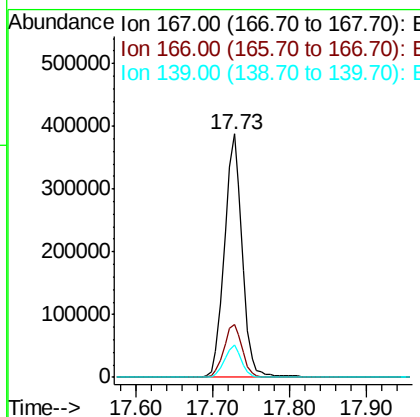
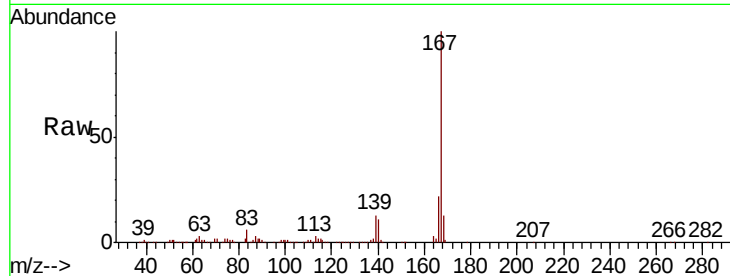
#73
 Carbazole
 Concen: 40.330 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100	619796		
166	21.9		18.9	28.3
139	13.2		10.6	15.8

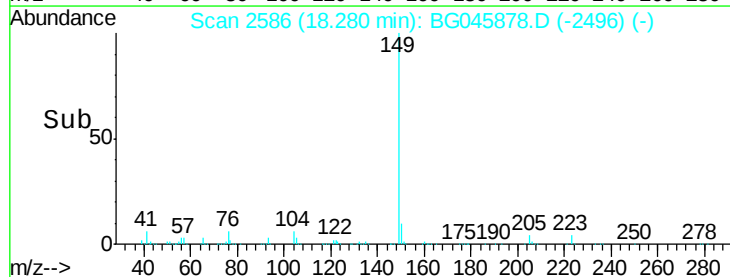
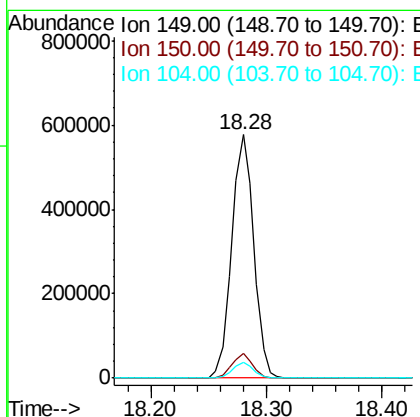
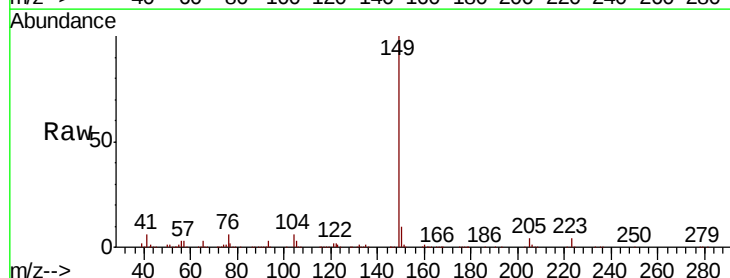
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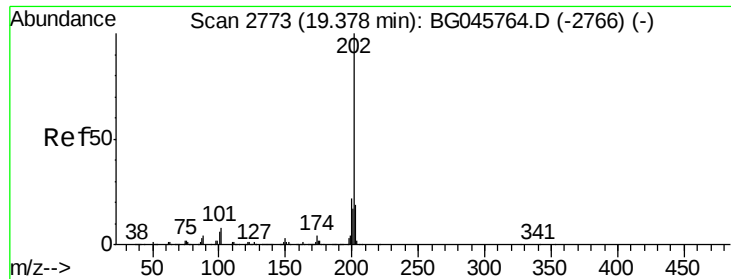
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#74
 Di-n-butylphthalate
 Concen: 41.709 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	758953		
150	10.2		7.7	11.5
104	6.5		5.1	7.7





#75

Fluoranthene

Concen: 42.650 ng

RT: 19.37 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

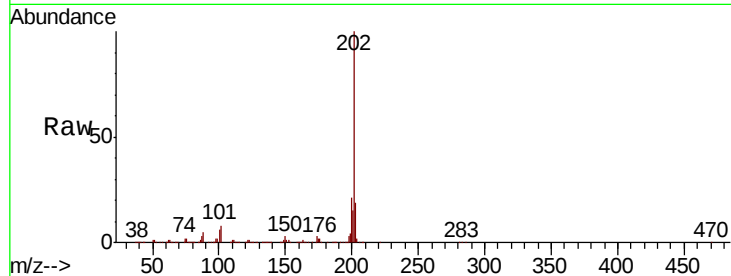
ClientSampleId :

PB129825BSD

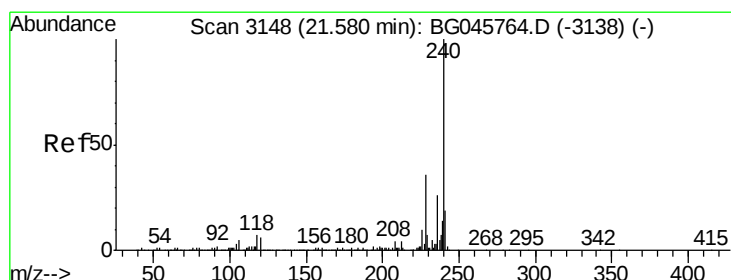
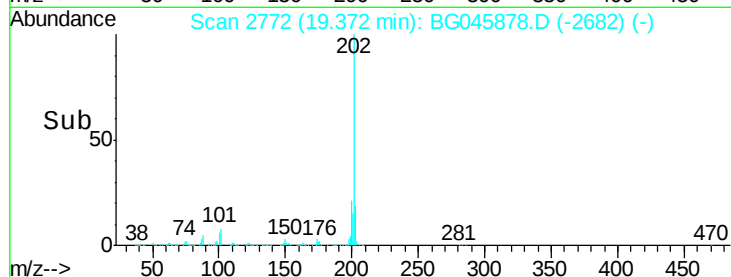
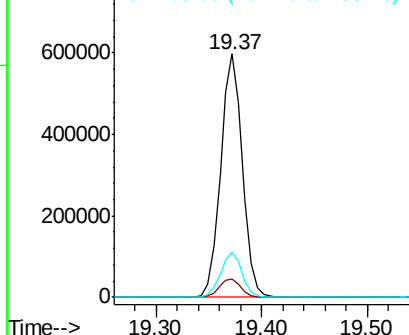
Tot Ion:	202	Resp:	850033
Ion Ratio		Lower	Upper
202	100		
101	7.6	0.0	27.7
203	18.8	0.0	38.7

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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

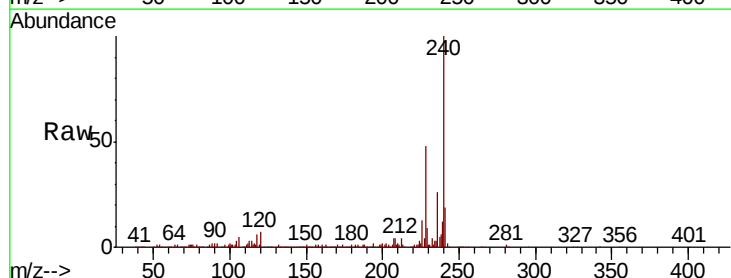
RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

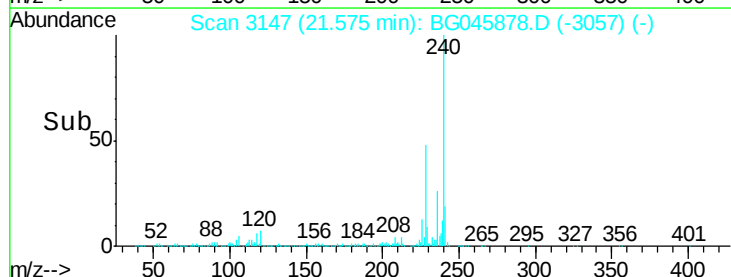
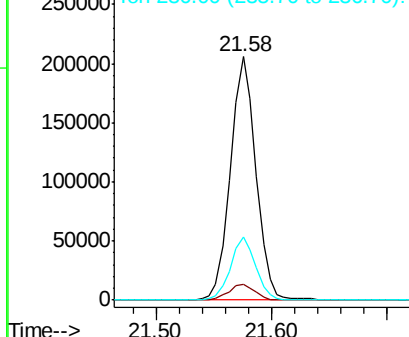
Lab File: BG045878.D

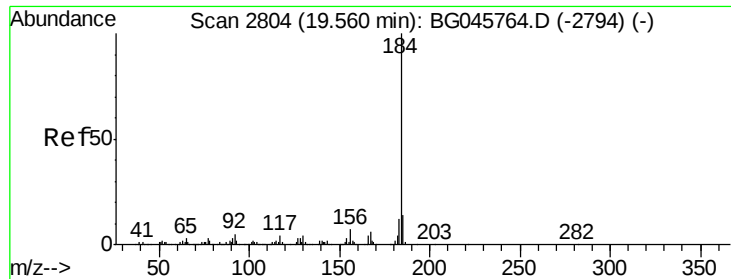
Acq: 29 Jun 2020 16:15

Tgt Ion:	240	Resp:	314012
Ion Ratio		Lower	Upper
240	100		
120	6.6	5.0	7.4
236	26.1	20.6	30.8



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: 47.389 ng

RT: 19.55 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

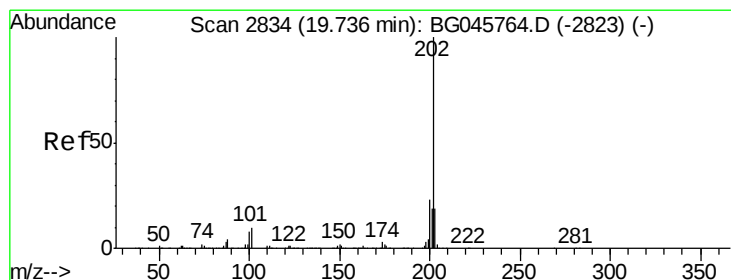
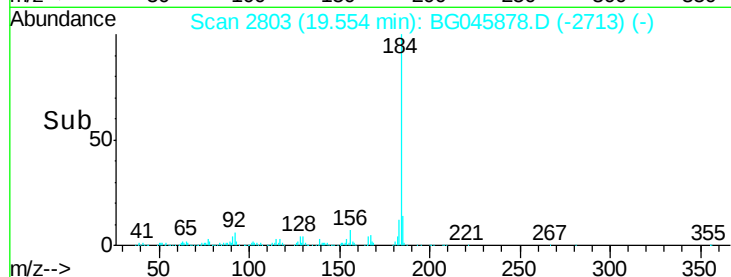
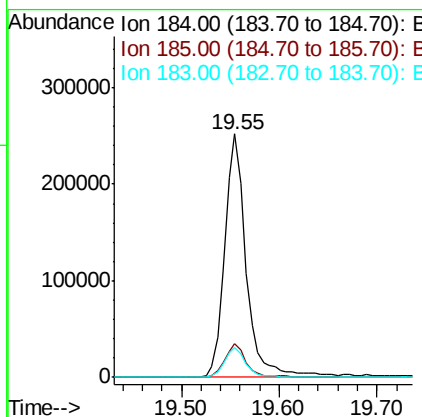
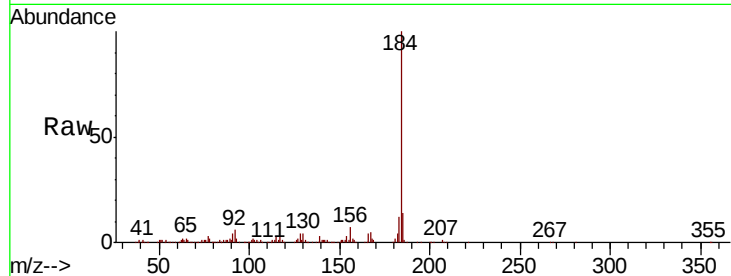
ClientSampleId :

PB129825BSD

Tot Ion:	184	Resp:	386857
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.1	16.7
183	12.4	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 39.698 ng

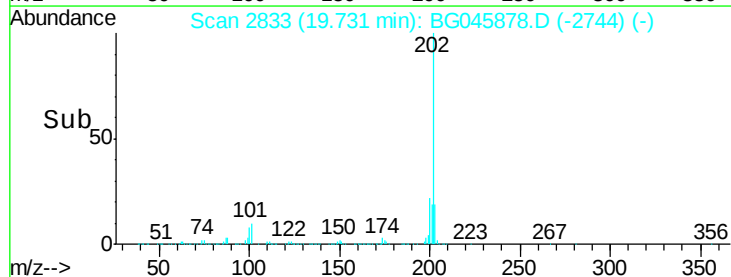
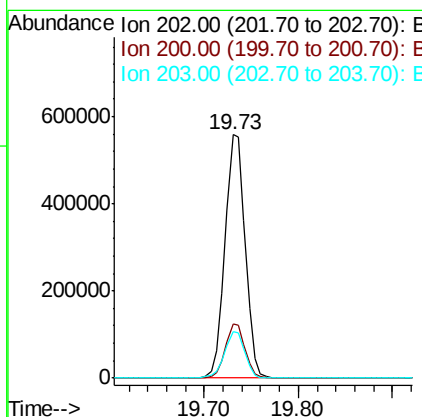
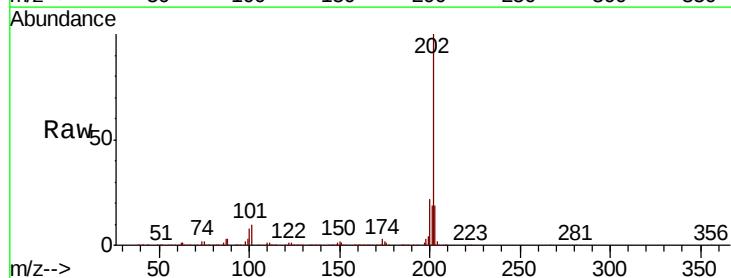
RT: 19.73 min Scan# 2833

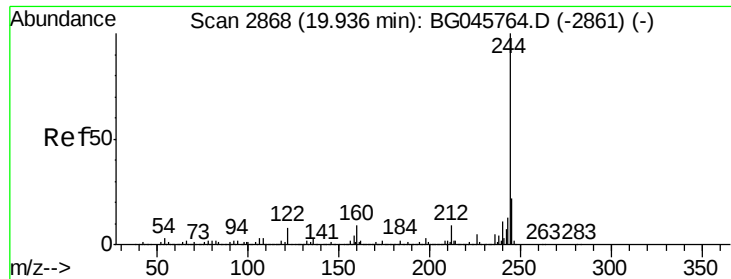
Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:	202	Resp:	834752
Ion Ratio	Lower	Upper	
202	100		
200	22.2	18.2	27.2
203	19.4	14.8	22.2





#79

Terphenyl-d14

Concen: 84.425 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

Tot Ion:244 Resp: 1308132

Ion Ratio Lower Upper

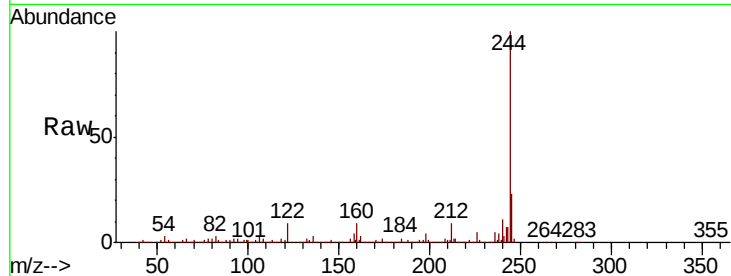
244 100

212 9.2 7.2 10.8

122 8.7 6.4 9.6

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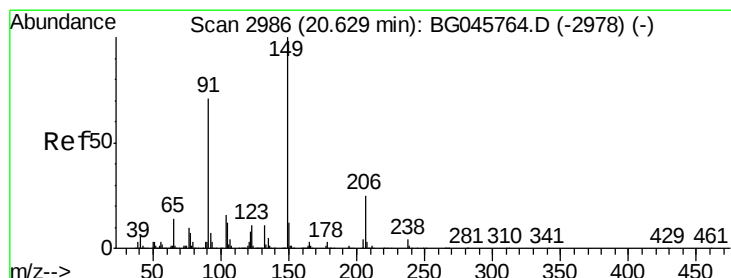
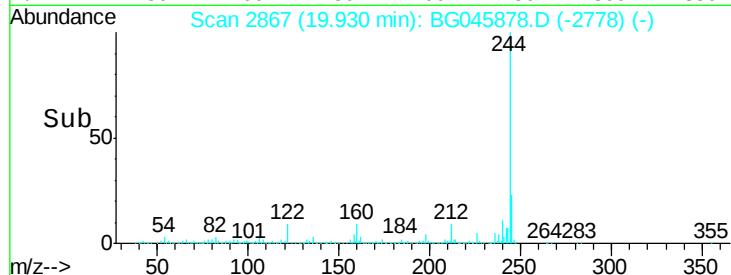
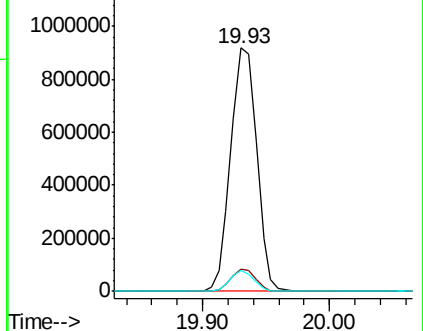
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.366 ng

RT: 20.62 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

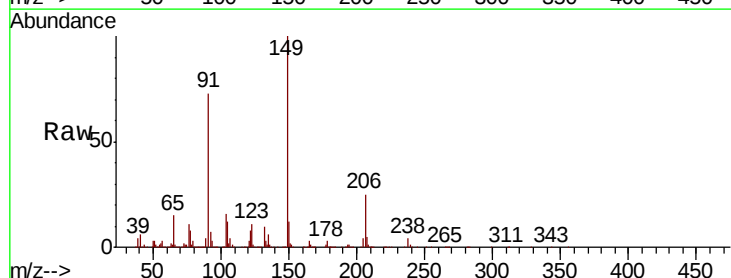
Tgt Ion:149 Resp: 337682

Ion Ratio Lower Upper

149 100

91 73.2 56.4 84.6

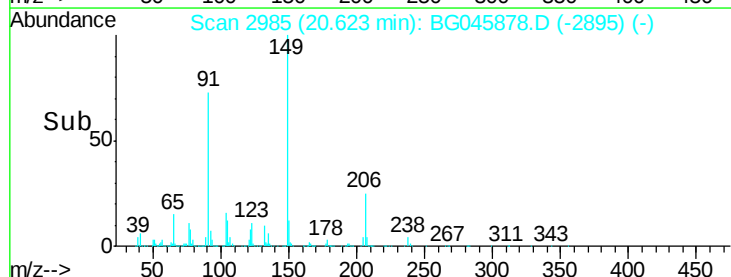
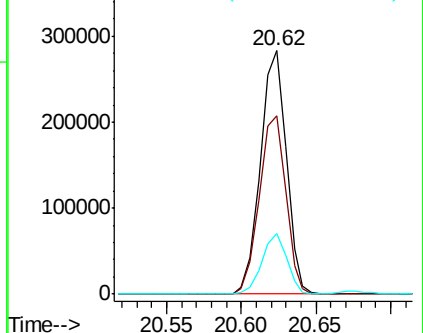
206 25.0 19.8 29.6

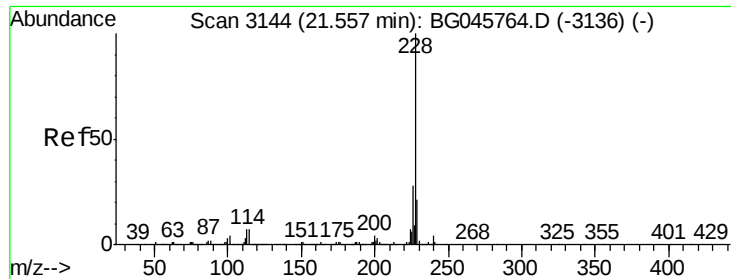


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.078 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

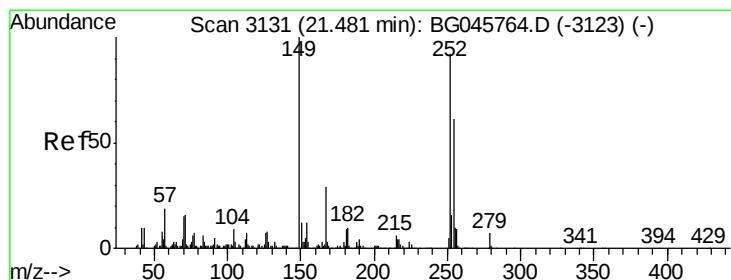
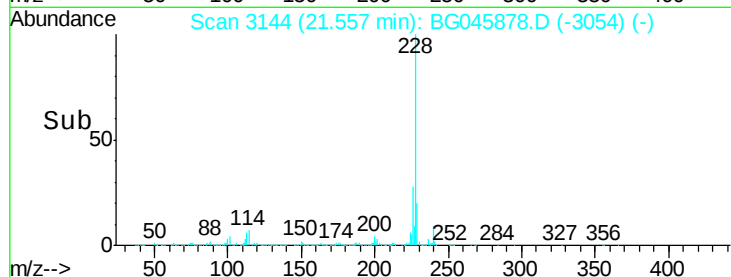
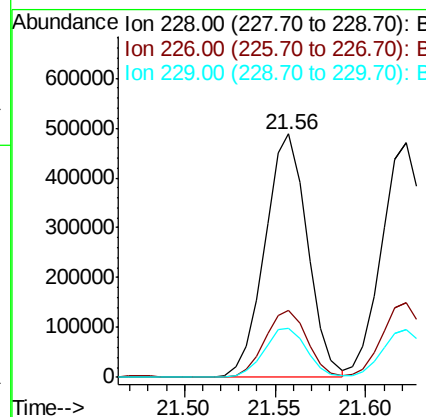
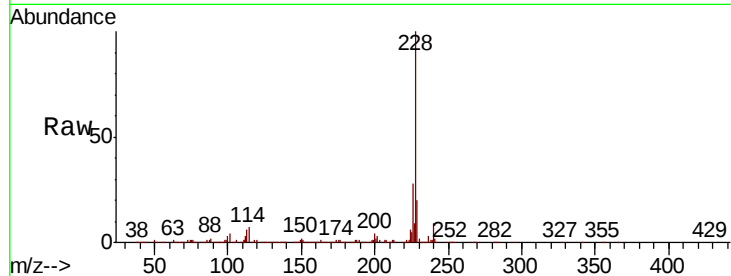
ClientSampleId :

PB129825BSD

Tot Ion:	228	Resp:	795569
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.7	34.1
229	20.0	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 28.664 ng

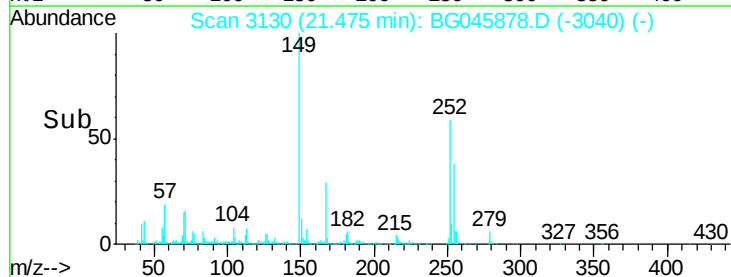
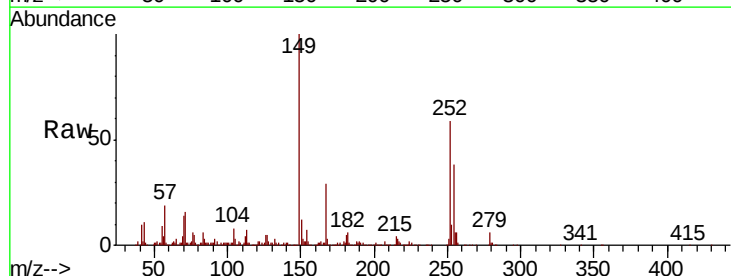
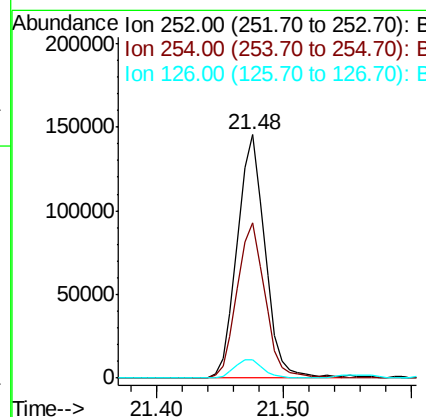
RT: 21.48 min Scan# 3130

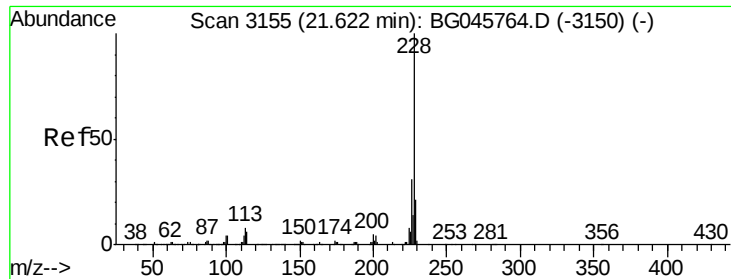
Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:	252	Resp:	220737
Ion Ratio	Lower	Upper	
252	100		
254	63.9	53.4	80.0
126	7.8	5.8	8.8





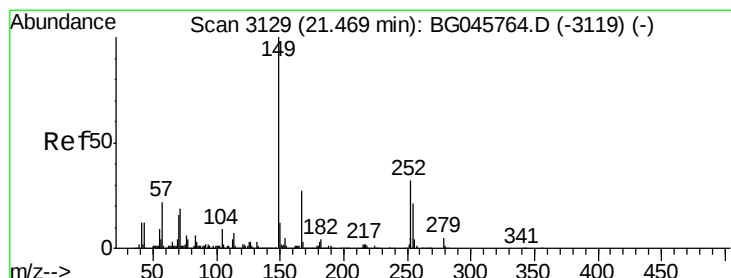
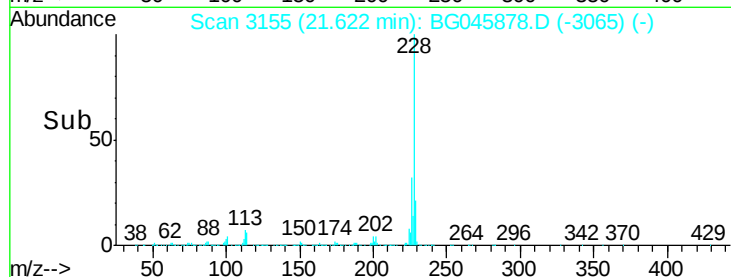
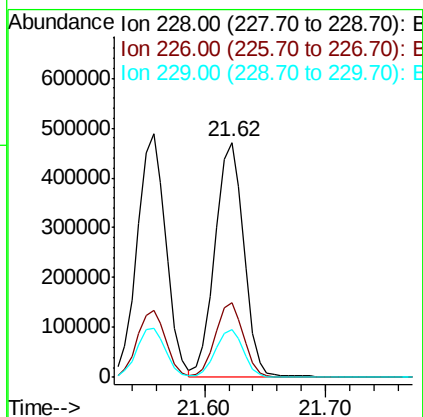
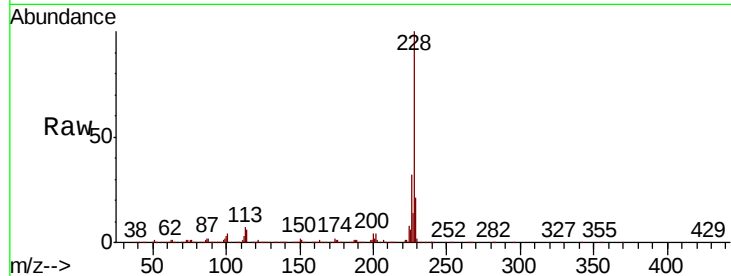
#83
Chrysene
Concen: 39.235 ng
RT: 21.62 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.1	37.7
229	20.5	16.4	24.6

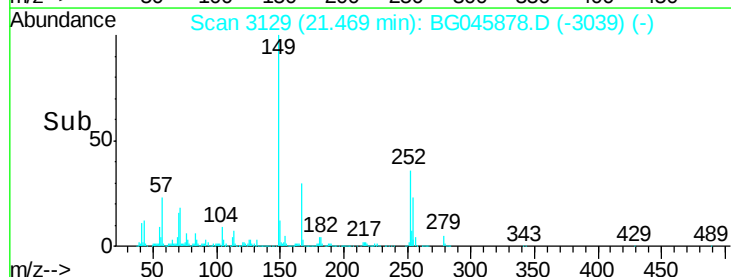
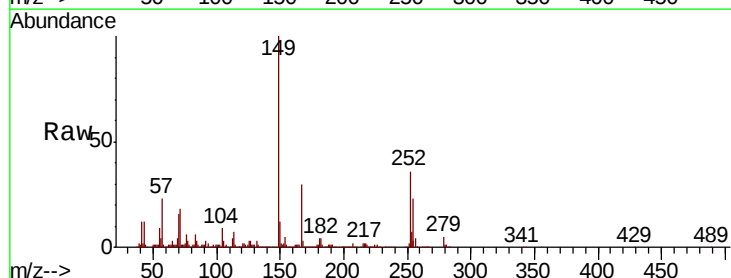
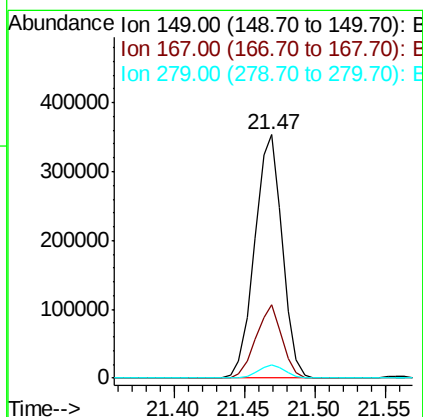
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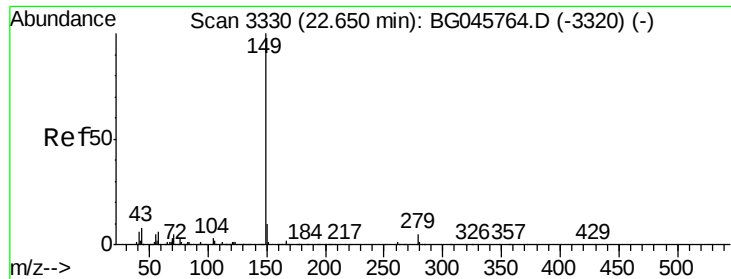
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.533 ng
RT: 21.47 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.0	21.3	31.9
279	5.4	3.7	5.5





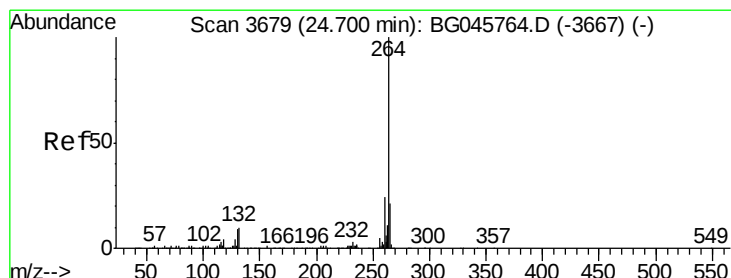
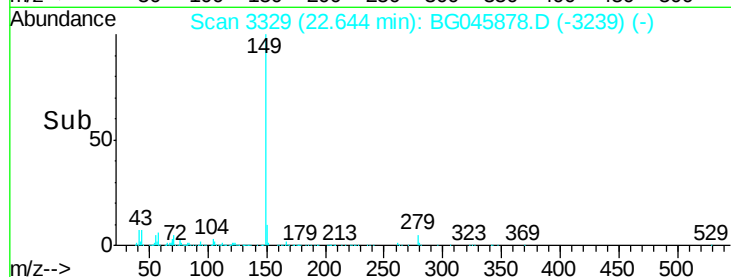
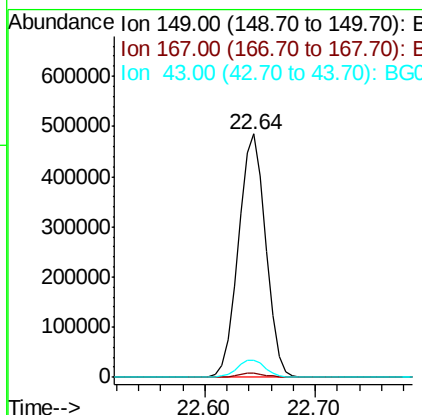
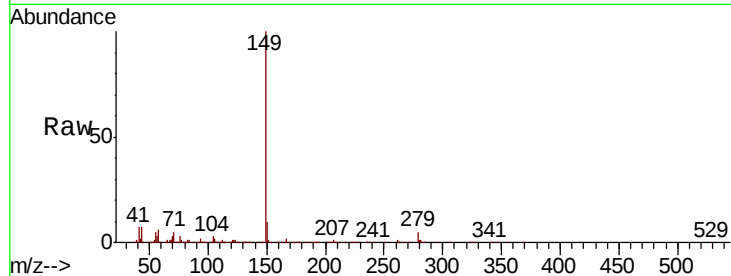
#85
Di-n-octyl phthalate
Concen: 39.740 ng
RT: 22.64 min Scan# 3329
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.5	5.9	8.9

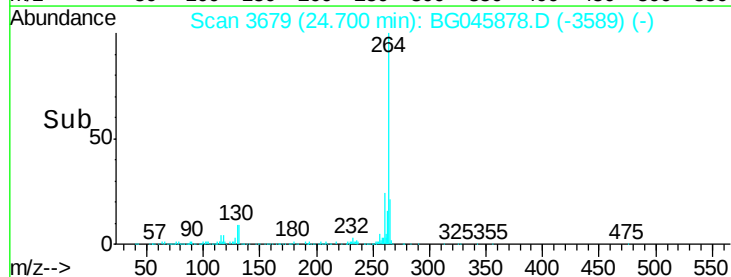
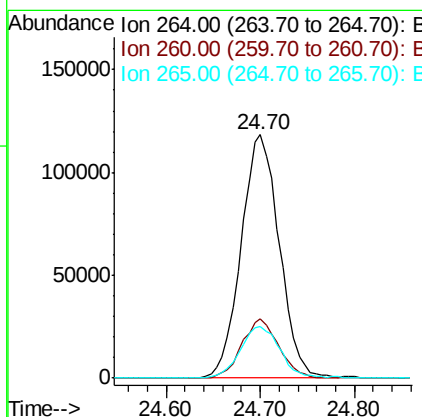
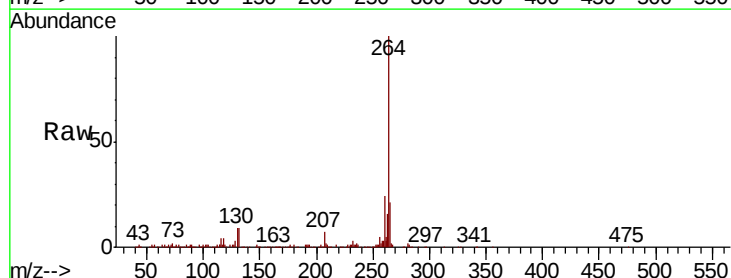
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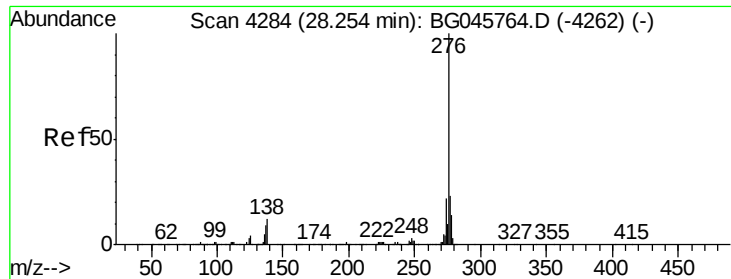
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.2	17.4	26.0





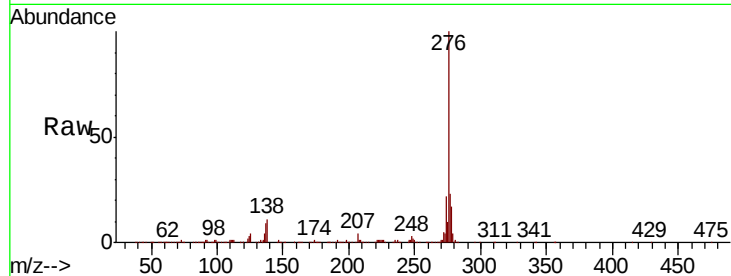
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.066 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

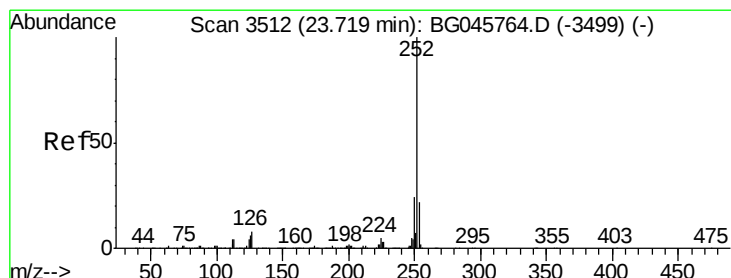
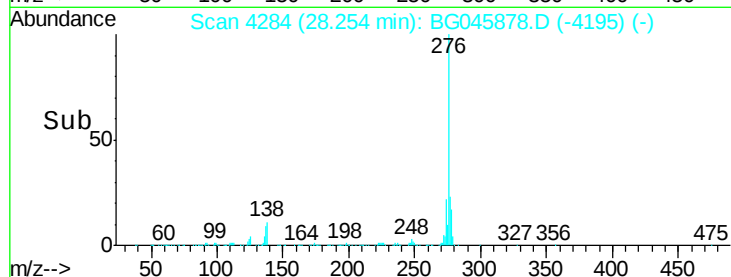
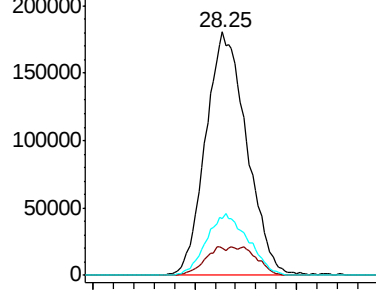
Tot Ion:276 Resp: 1013843
 Ion Ratio Lower Upper
 276 100
 138 6.1 5.4 8.0
 277 25.7 20.6 30.8

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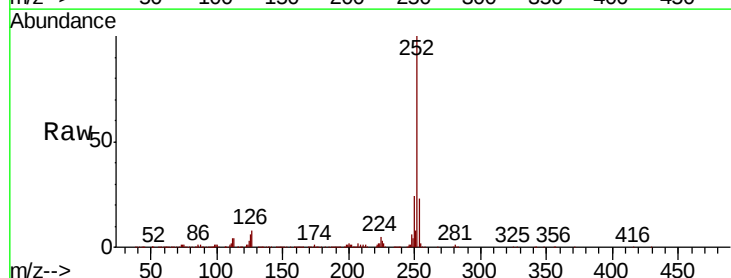


Abundance Ion 276.00 (275.70 to 276.70): E
 250000 Ion 138.00 (137.70 to 138.70): E
 200000 Ion 277.00 (276.70 to 277.70): E

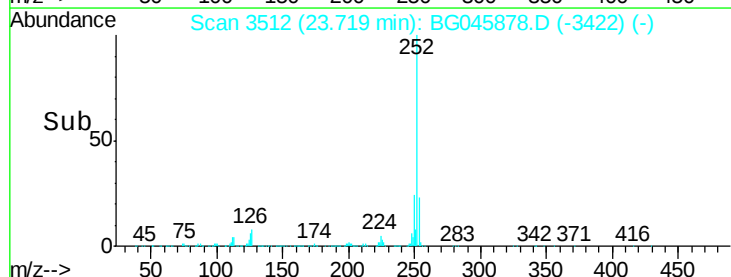
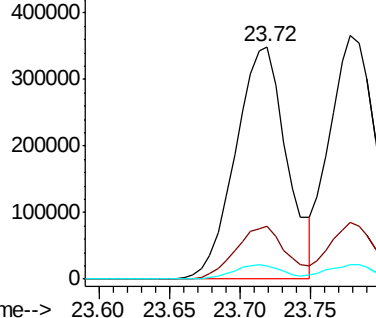


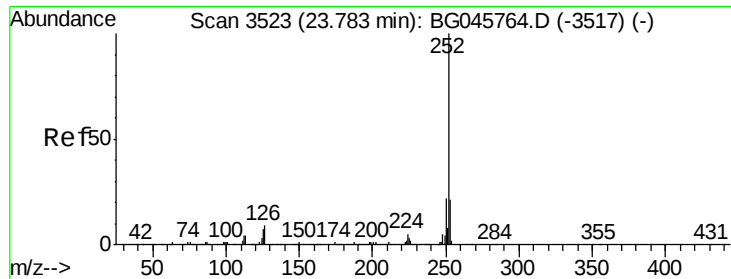
#88
 Benzo(b)fluoranthene
 Concen: 42.408 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion:252 Resp: 883973
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 6.0 5.0 7.4



Abundance Ion 252.00 (251.70 to 252.70): E
 500000 Ion 253.00 (252.70 to 253.70): E
 400000 Ion 125.00 (124.70 to 125.70): E





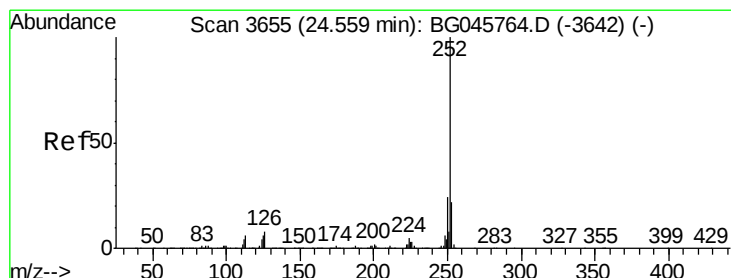
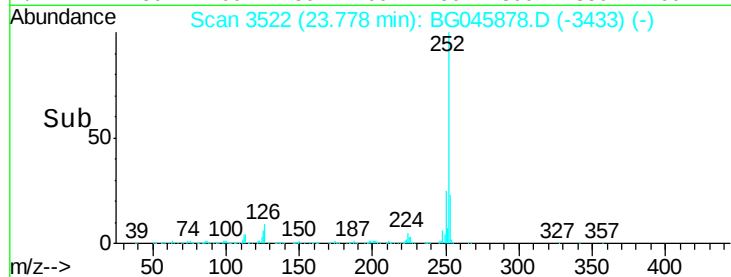
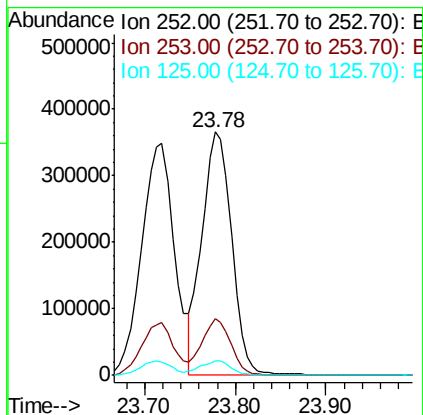
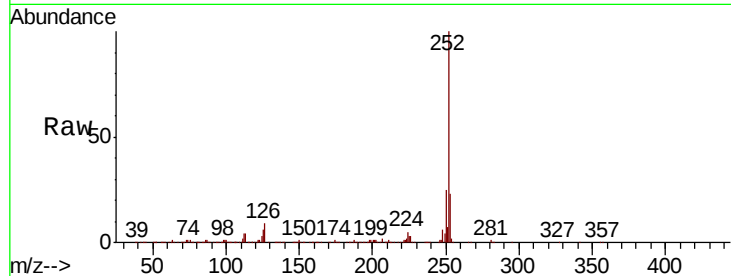
#89
Benzo(k)fluoranthene
Concen: 41.673 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	6.1	5.2	7.8

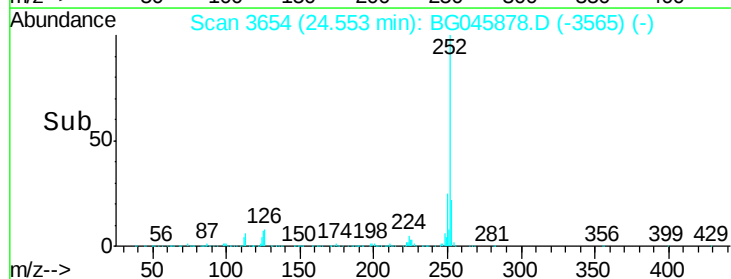
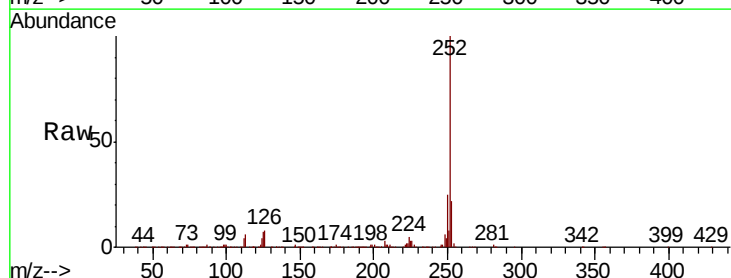
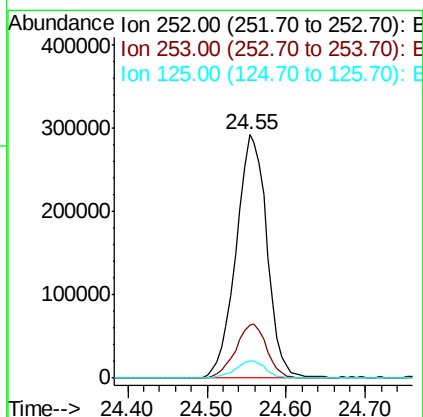
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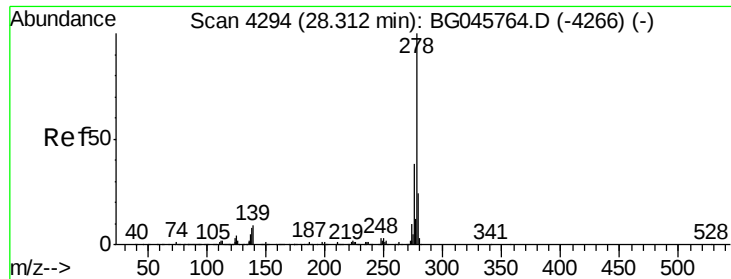
mohammad
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#90
Benzo(a)pyrene
Concen: 40.640 ng
RT: 24.55 min Scan# 3654
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	7.2	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.692 ng

RT: 28.31 min Scan# 4294

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

Tot Ion:278 Resp: 825098

Ion Ratio Lower Upper

278 100

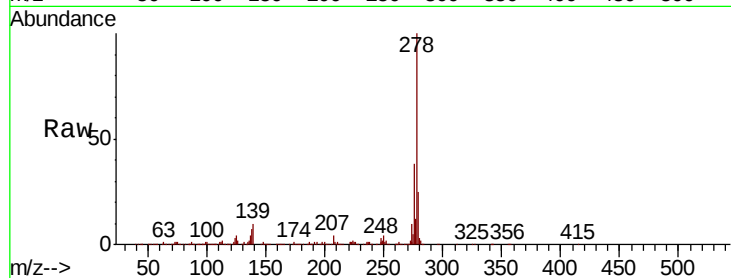
139 9.7 7.3 10.9

279 24.5 19.5 29.3

Manual Integrations
APPROVED

mohammad

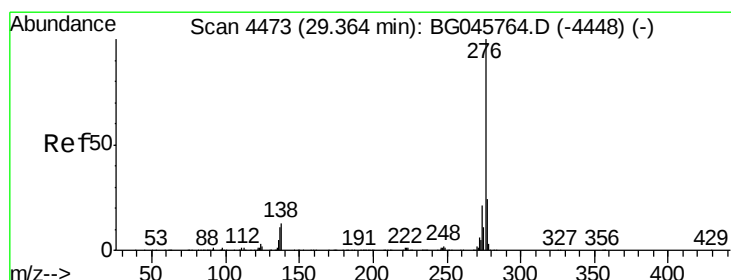
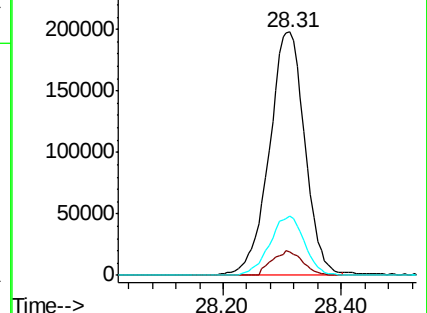
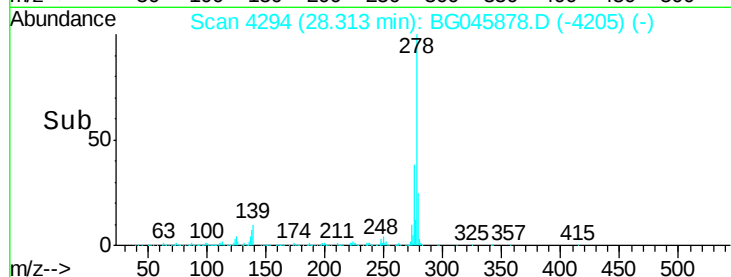
6/30/2020 4:15:18 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.767 ng

RT: 29.36 min Scan# 4473

Delta R.T. -0.01 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

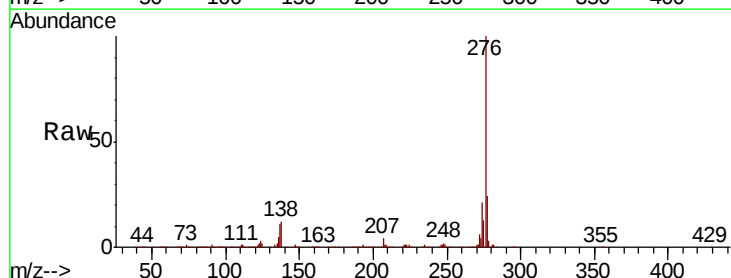
Tgt Ion:276 Resp: 827299

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 12.1 10.6 15.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

