

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050420\
 Data File : BG045247.D
 Acq On : 4 May 2020 23:55
 Operator : CG/JU
 Sample : L2475-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Manual Integrations
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mohammad
 5/6/2020 6:45:42 PM

Quant Time: May 05 02:42:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 13:03:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	98237	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	386962	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	252373	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	506616	20.00	ng	0.00
76) Chrysene-d12	21.66	240	424095	20.00	ng	0.01
87) Perylene-d12	24.85	264	455930	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	704881	118.46	ng	0.01
7) Phenol-d6	7.17	99	989916	111.97	ng	0.02
23) Nitrobenzene-d5	9.16	82	660486	77.88	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	424385	108.85	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1434155	83.33	ng	0.00
79) Terphenyl-d14	20.00	244	1788679	91.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.46	88	83562	31.599	ng	98
3) Pyridine	3.86	79	190717	23.424	ng	96
4) n-Nitrosodimethylamine	3.77	42	90961	36.468	ng	91
6) Aniline	7.32	93	310722	27.032	ng	99
8) 2-Chlorophenol	7.56	128	267870	41.887	ng	97
9) Benzaldehyde	7.13	77	229521	49.004	ng	98
10) Phenol	7.19	94	357728	40.436	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	252287	35.818	ng	97
12) 1,3-Dichlorobenzene	7.89	146	303102	40.222	ng	97
13) 1,4-Dichlorobenzene	8.03	146	301923	40.209	ng	97
14) 1,2-Dichlorobenzene	8.35	146	286097	39.826	ng	94
15) Benzyl Alcohol	8.23	79	275937	37.227	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	240262	34.749	ng	95
17) 2-Methylphenol	8.45	107	242278	35.495	ng	94
18) Hexachloroethane	9.09	117	112453	39.837	ng	99
19) n-Nitroso-di-n-propylamine	8.80	70	222129	35.528	ng	98
20) 3+4-Methylphenols	8.77	107	332420	34.794	ng	98
22) Acetophenone	8.82	105	419083	40.048	ng	# 98
24) Nitrobenzene	9.20	77	337534	38.828	ng	97
25) Isophorone	9.72	82	613329	35.315	ng	100
26) 2-Nitrophenol	9.91	139	152456	40.715	ng	96
27) 2,4-Dimethylphenol	9.98	122	254882	42.899	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	345365	37.848	ng	100
29) 2,4-Dichlorophenol	10.45	162	278279	40.563	ng	96
30) 1,2,4-Trichlorobenzene	10.67	180	317356	40.857	ng	95
31) Naphthalene	10.85	128	859146	40.586	ng	99
32) Benzoic acid	10.13	122	150733	33.608	ng	98
33) 4-Chloroaniline	10.96	127	223711	22.660	ng	98
34) Hexachlorobutadiene	11.15	225	219895	41.291	ng	96
35) Caprolactam	11.73	113	85952m	31.479	ng	
36) 4-Chloro-3-methylphenol	12.09	107	301879	37.457	ng	98
37) 2-Methylnaphthalene	12.46	142	640357	38.973	ng	97
38) 1-Methylnaphthalene	12.68	142	590345	38.059	ng	# 92
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	366339	45.084	ng	99

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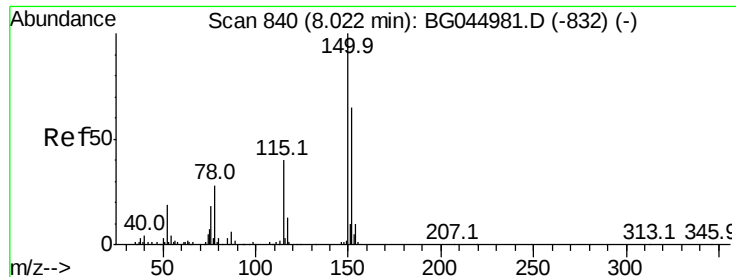
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	106552	20.980	nq	95
43) 2,4,6-Trichlorophenol	13.07	196	241042	42.031	nq	94
44) 2,4,5-Trichlorophenol	13.14	196	252677	38.708	nq	99
46) 1,1'-Biphenyl	13.47	154	780934	40.712	nq	100
47) 2-Chloronaphthalene	13.51	162	603552	41.178	nq	99
48) 2-Nitroaniline	13.71	65	185636	38.494	nq	97
49) Acenaphthylene	14.36	152	973155	40.762	nq	100
50) Dimethylphthalate	14.09	163	840584	40.906	nq	99
51) 2,6-Dinitrotoluene	14.20	165	170894	37.181	nq	95
52) Acenaphthene	14.70	154	608754m	37.686	nq	
53) 3-Nitroaniline	14.54	138	140131	27.798	nq	99
54) 2,4-Dinitrophenol	14.74	184	58484	21.398	nq	97
55) Dibenzofuran	15.04	168	918992	39.023	nq	97
56) 4-Nitrophenol	14.86	139	273746	70.036	nq	95
57) 2,4-Dinitrotoluene	15.00	165	231898	34.524	nq	99
58) Fluorene	15.69	166	729242	37.910	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	232661	40.057	nq	98
60) Diethylphthalate	15.45	149	743187	34.688	nq	100
61) 4-Chlorophenyl-phenylether	15.68	204	404130	36.500	nq	99
62) 4-Nitroaniline	15.70	138	147751	28.258	nq	88
63) Azobenzene	15.97	77	725404	36.724	nq	99
65) 4,6-Dinitro-2-methylphenol	15.76	198	47150	14.159	nq	96
66) n-Nitrosodiphenylamine	15.89	169	643571	44.213	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	264854	40.524	nq	96
68) Hexachlorobenzene	16.70	284	284881	42.028	nq	98
69) Atrazine	16.85	200	226379	42.359	nq	96
70) Pentachlorophenol	17.04	266	347305	83.522	nq	97
71) Phenanthrene	17.43	178	1358341	52.176	nq	98
72) Anthracene	17.52	178	1167220	44.696	nq	100
73) Carbazole	17.79	167	1005705	37.950	nq	98
74) Di-n-butylphthalate	18.35	149	1104901	37.257	nq	99
75) Fluoranthene	19.44	202	1702407	57.325	nq	98
77) Benzidine	19.61	184	495419	39.620	nq	98
78) Pyrene	19.80	202	1609338	55.044	nq	99
80) Butylbenzylphthalate	20.69	149	459907	37.949	nq	98
81) Benzo(a)anthracene	21.64	228	1411502	51.351	nq	98
82) 3,3'-Dichlorobenzidine	21.55	252	382786	34.988	nq	99
83) Chrysene	21.70	228	1322830	50.088	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	667354	40.038	nq	98
85) Di-n-octyl phthalate	22.75	149	1091206	37.858	nq	97
86) Indeno(1,2,3-cd)pyrene	28.48	276	1162027	33.140	nq	# 96
88) Benzo(b)fluoranthene	23.84	252	1483237	51.935	nq	99
89) Benzo(k)fluoranthene	23.90	252	1297203	47.762	nq	99
90) Benzo(a)pyrene	24.69	252	1294135	47.994	nq	99
91) Dibenzo(a,h)anthracene	28.54	278	920455	33.877	nq	98
92) Benzo(g,h,i)perylene	29.59	276	864352	31.731	nq	97

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



#1

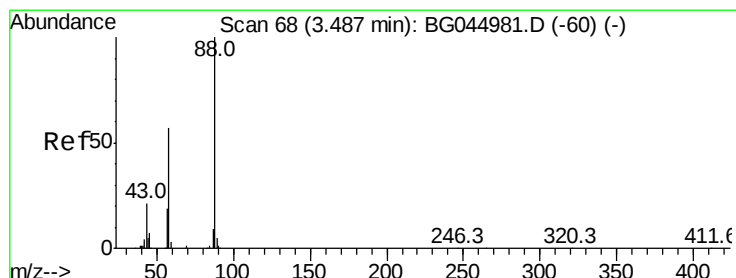
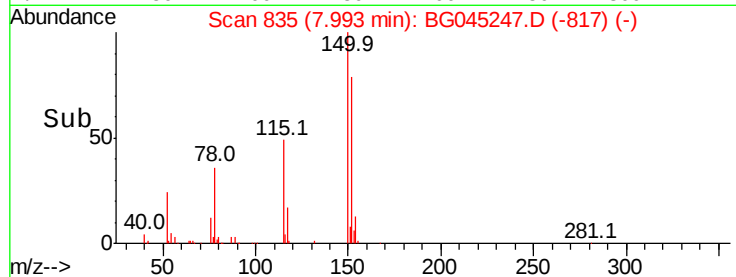
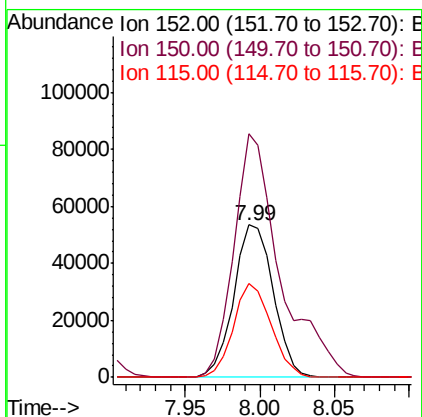
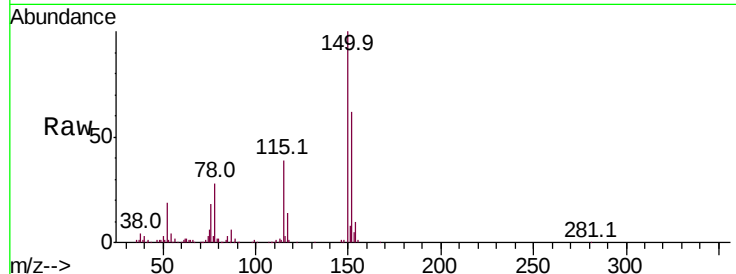
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Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.6	185.4
115	61.8	49.1	73.7

Manual Integrations
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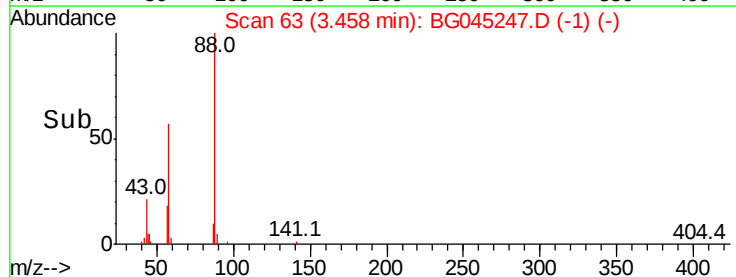
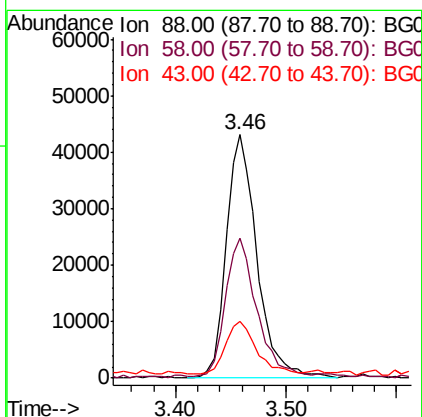
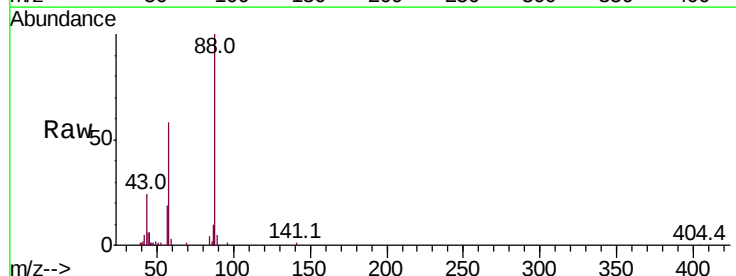
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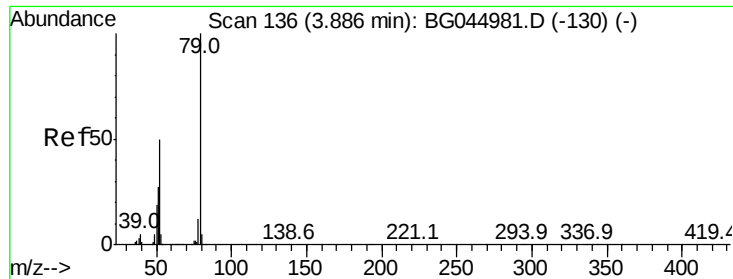


#2

1,4-Dioxane
Concen: 31.599 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.0	46.6	69.8
43	21.3	17.5	26.3





#3

Pvridine

Concen: 23.424 ng

RT: 3.86 min Scan# 131

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

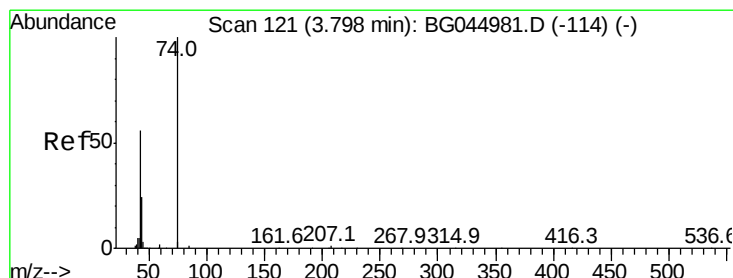
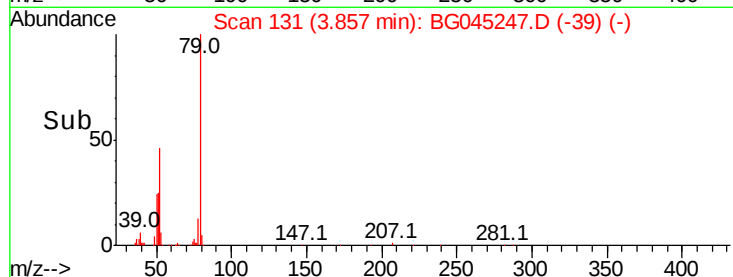
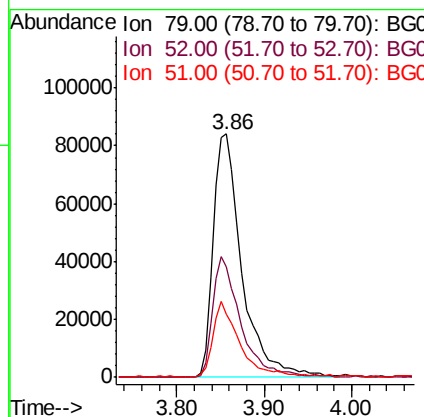
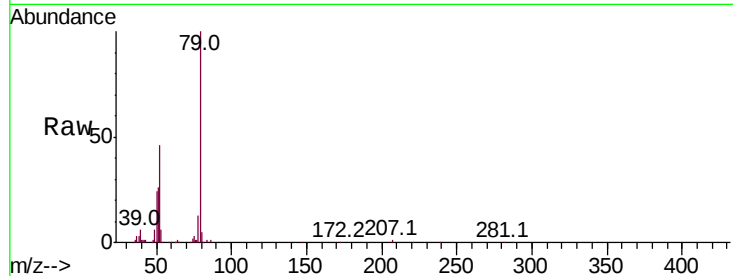
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	79	Resp:	190717
Ion Ratio	Lower	Upper	
79	100		
52	45.6	39.8	59.6
51	26.0	21.4	32.2

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#4

n-Nitrosodimethylamine

Concen: 36.468 ng

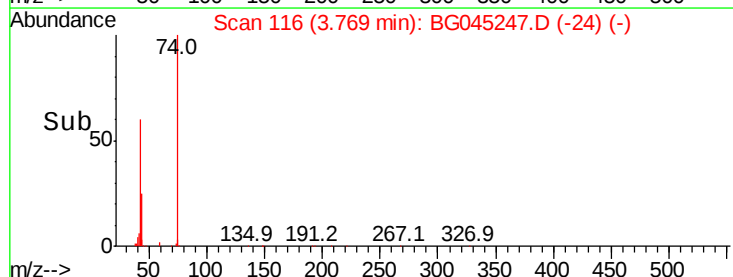
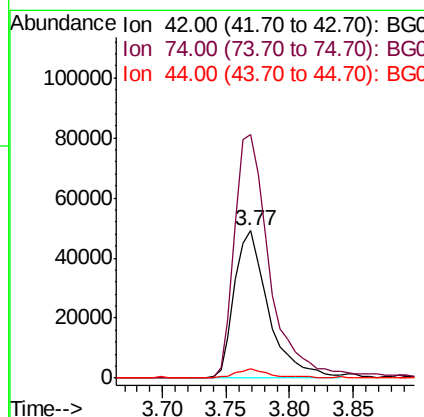
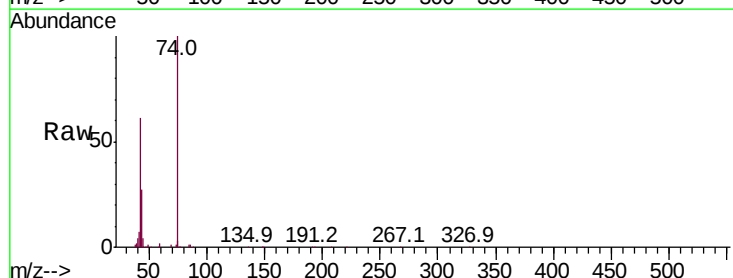
RT: 3.77 min Scan# 116

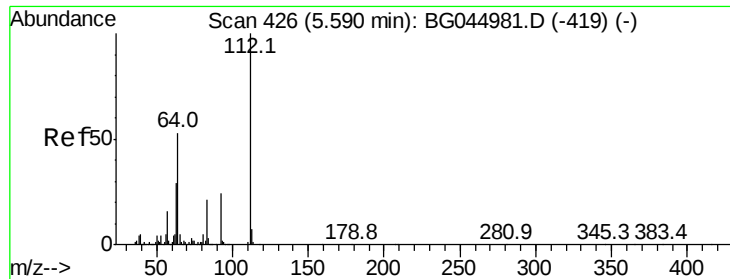
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	42	Resp:	90961
Ion Ratio	Lower	Upper	
42	100		
74	165.2	143.0	214.6
44	5.9	4.6	6.8





#5

2-Fluorophenol

Concen: 118.461 ng

RT: 5.57 min Scan# 423

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

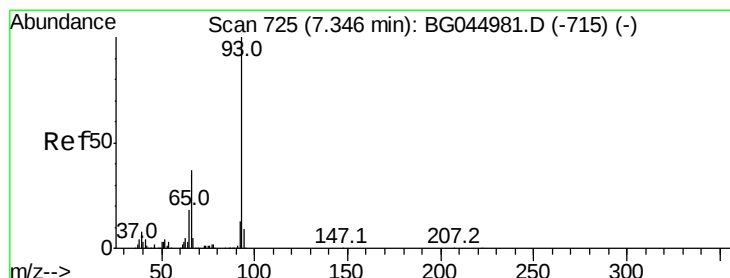
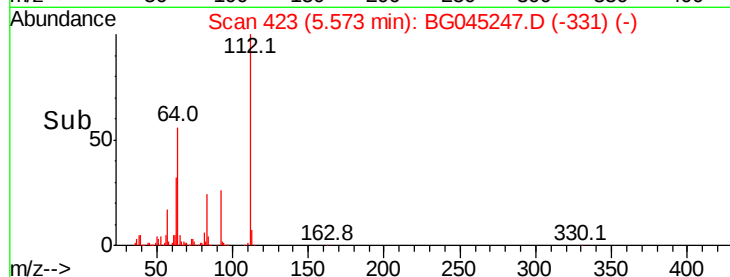
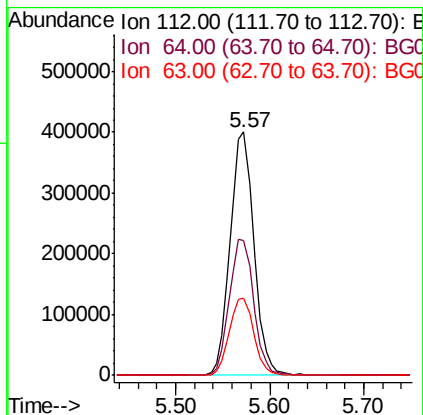
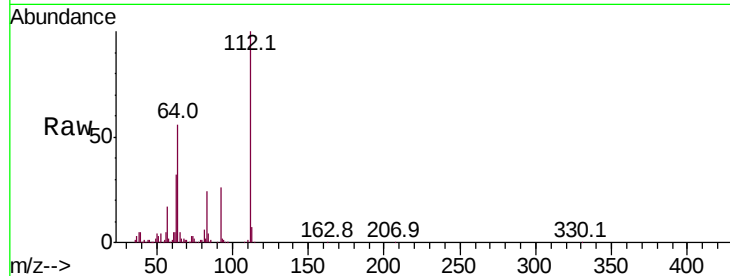
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	704881		
64	55.5	42.4	63.6	
63	31.9	23.1	34.7	

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#6

Aniline

Concen: 27.032 ng

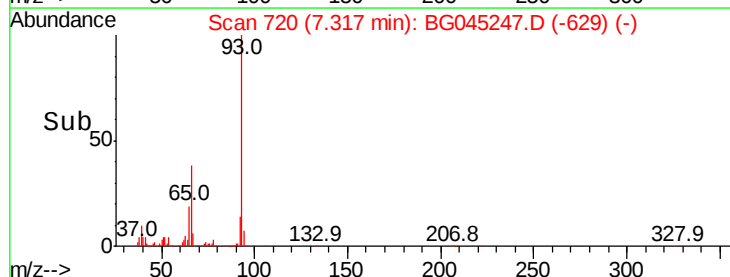
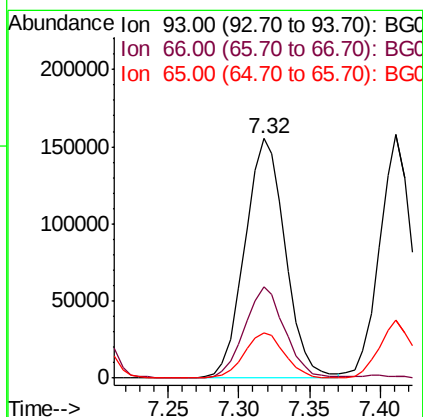
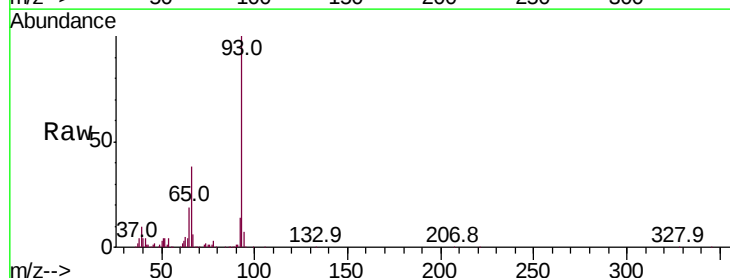
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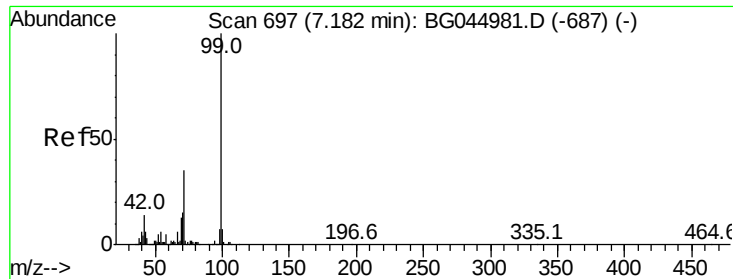
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	310722		
66	38.1	29.8	44.8	
65	18.8	14.6	22.0	





#7

Phenol-d6

Concen: 111.972 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

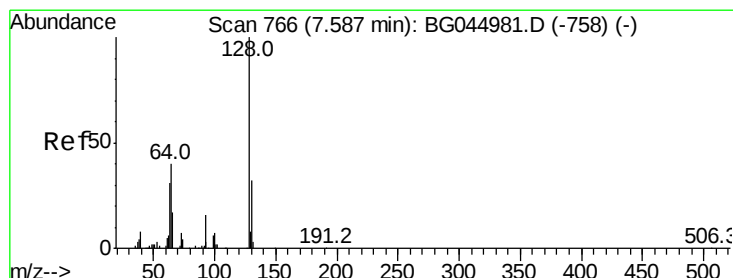
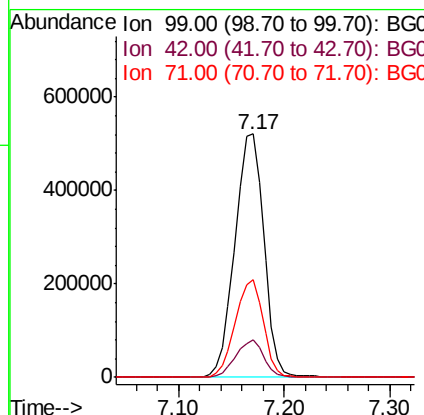
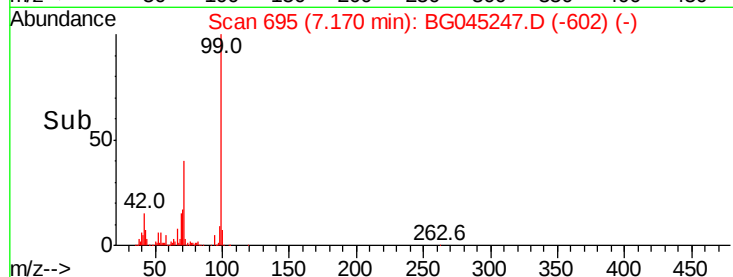
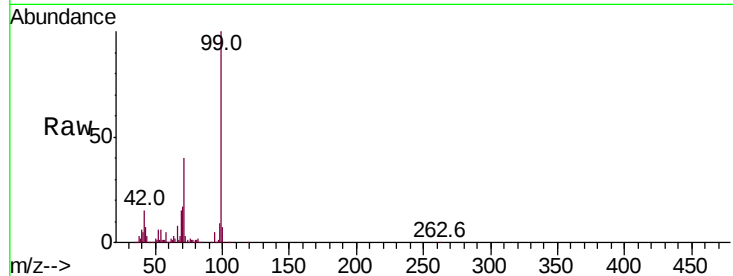
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
99	100	989916		
42	15.2		11.3	16.9
71	39.9		28.3	42.5

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#8

2-Chlorophenol

Concen: 41.887 ng

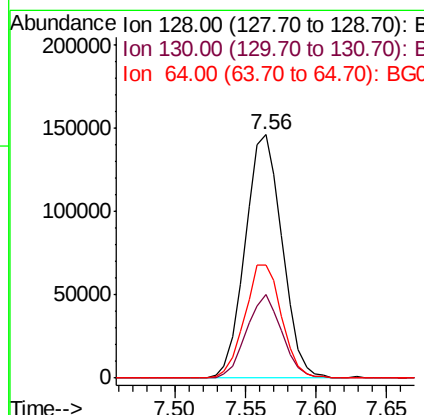
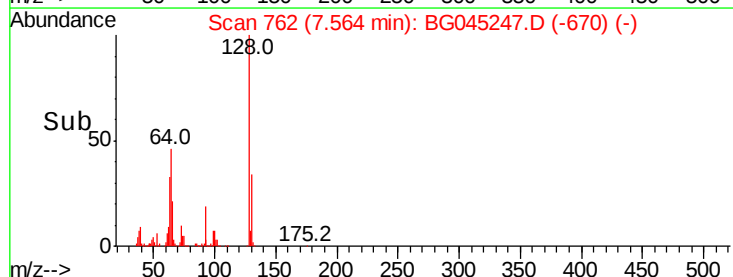
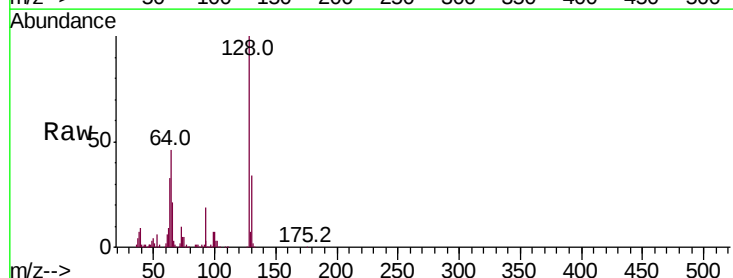
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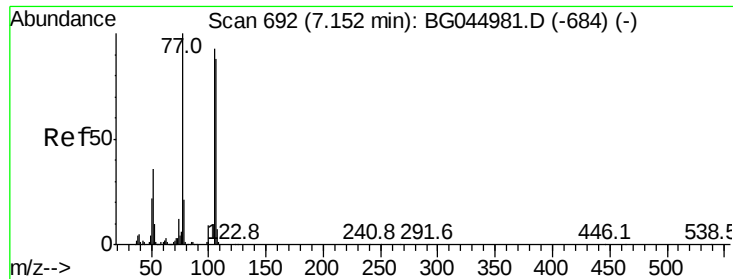
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	267870		
130	34.4		12.3	52.3
64	46.5		24.4	64.4





#9

Benzaldehyde

Concen: 49.004 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

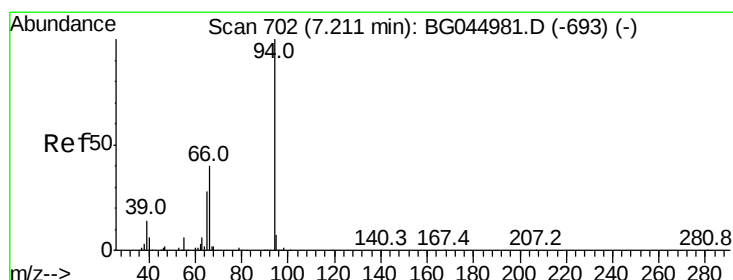
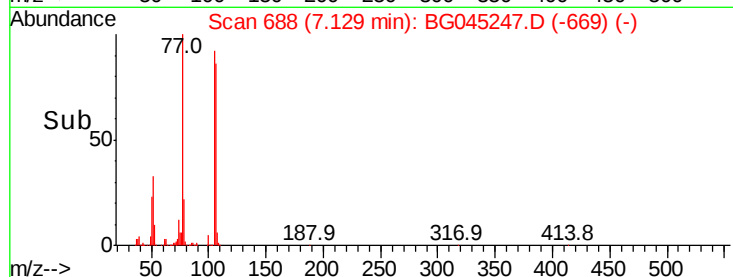
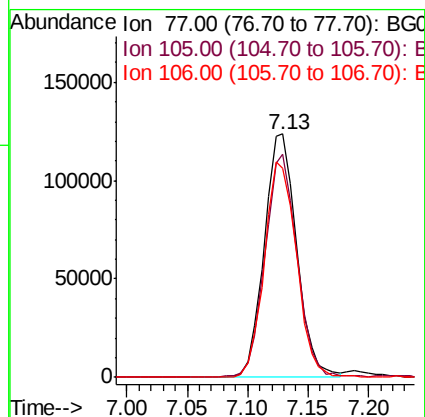
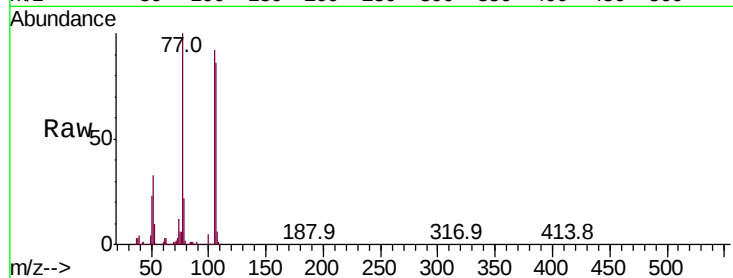
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	77	Resp:	229521
Ion Ratio	Lower	Upper	
77	100		
105	91.6	72.9	112.9
106	86.0	67.6	107.6

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#10

Phenol

Concen: 40.436 ng

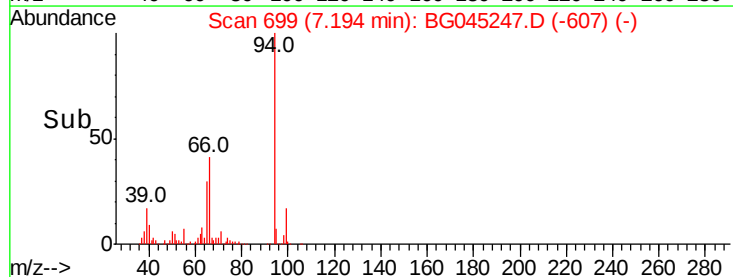
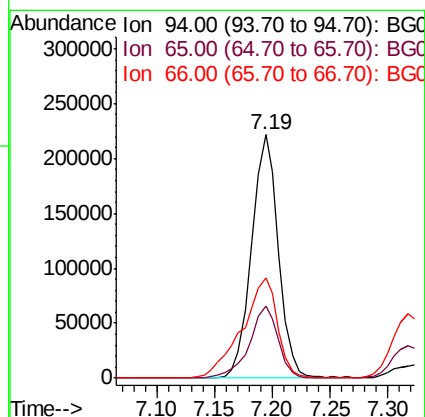
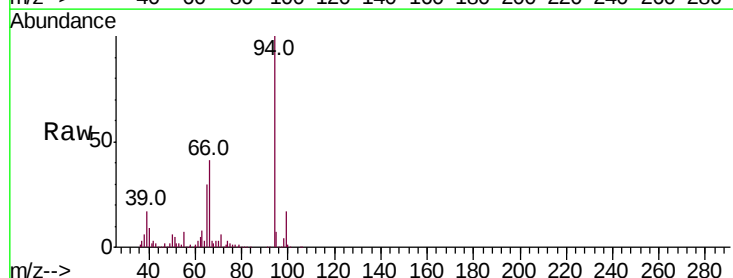
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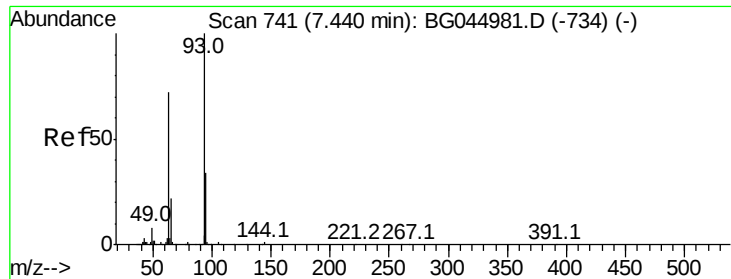
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	94	Resp:	357728
Ion Ratio	Lower	Upper	
94	100		
65	29.6	8.2	48.2
66	40.9	20.4	60.4





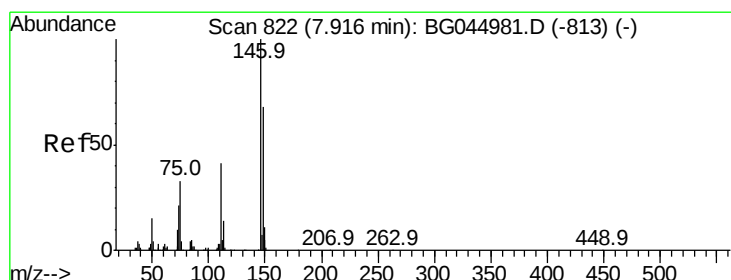
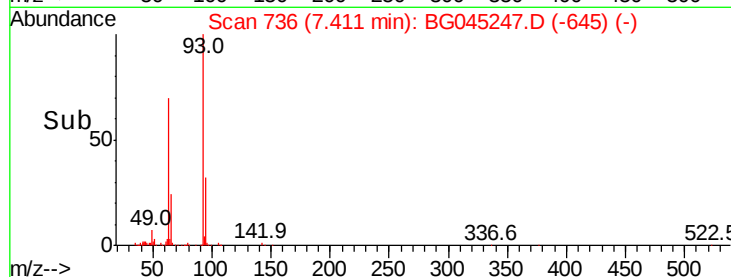
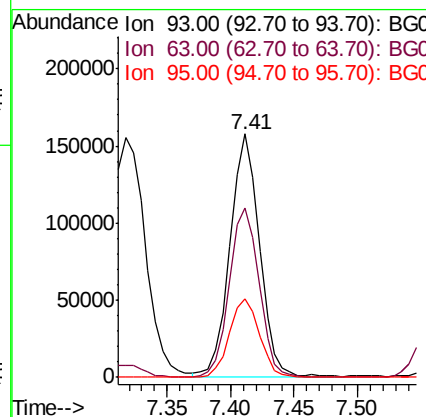
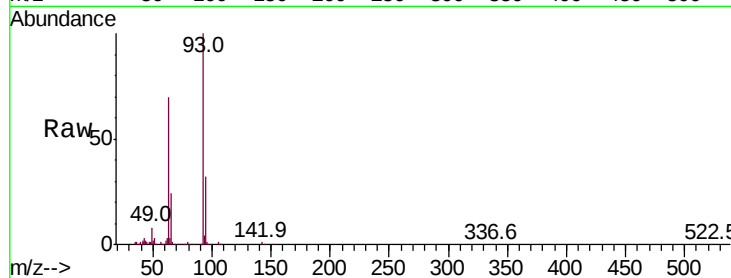
#11
bis(2-Chloroethyl)ether
Concen: 35.818 ng
RT: 7.41 min Scan# 736
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	252287		
63	69.7		51.8	91.8
95	32.4		13.8	53.8

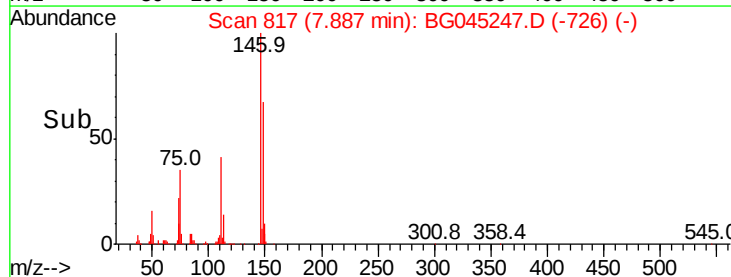
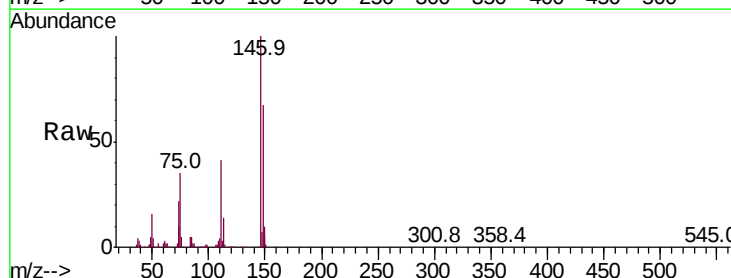
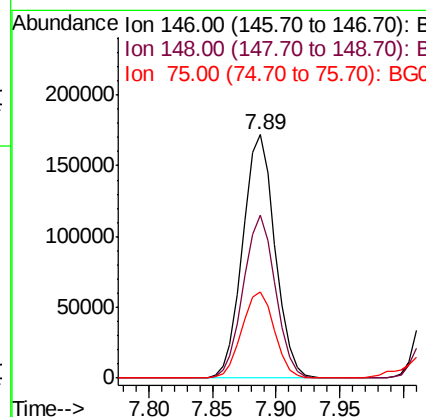
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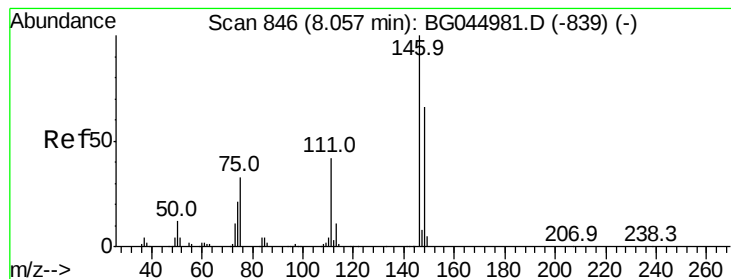
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.222 ng
RT: 7.89 min Scan# 817
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	303102		
148	66.8		54.6	81.8
75	35.3		26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 40.209 ng

RT: 8.03 min Scan# 842

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

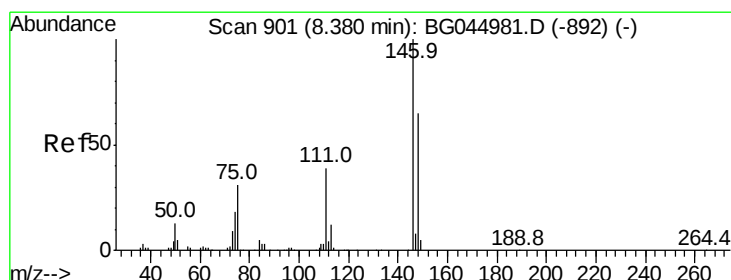
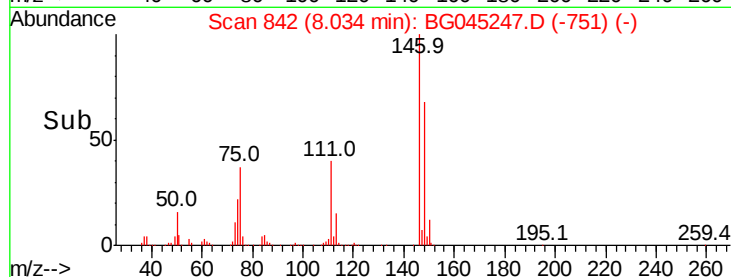
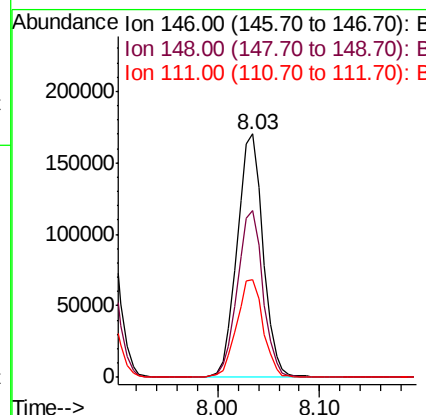
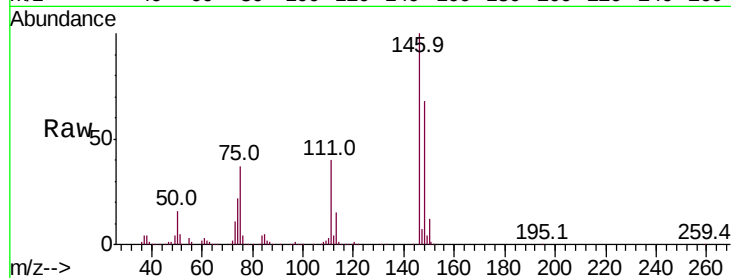
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	146	Resp:	301923
Ion Ratio	Lower	Upper	
146	100		
148	68.3	53.3	79.9
111	40.2	33.8	50.8

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#14

1,2-Dichlorobenzene

Concen: 39.826 ng

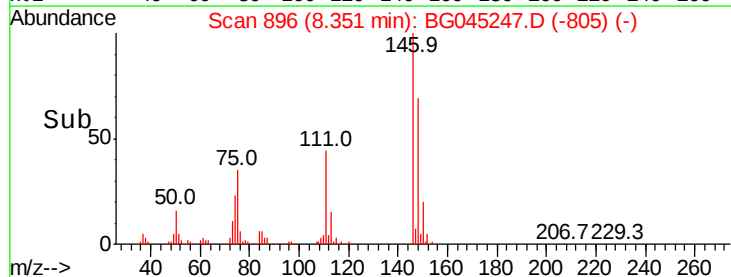
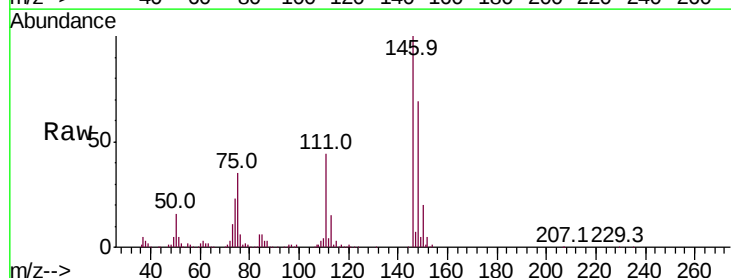
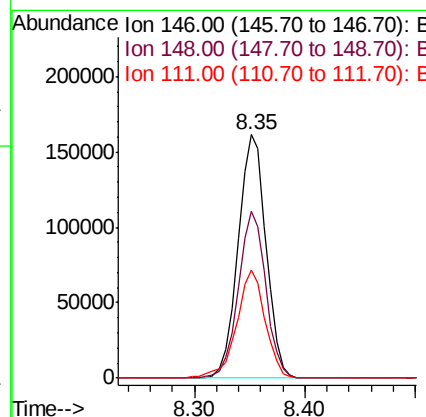
RT: 8.35 min Scan# 896

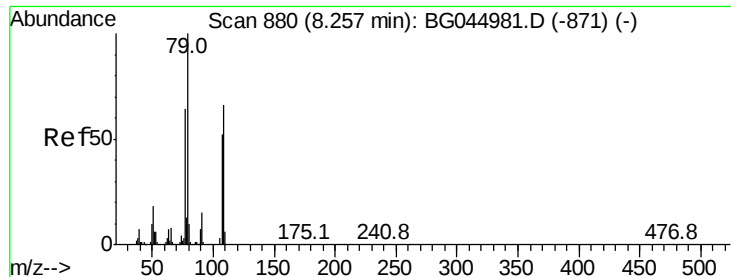
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	146	Resp:	286097
Ion Ratio	Lower	Upper	
146	100		
148	68.6	51.9	77.9
111	44.3	31.3	46.9





#15

Benzyl Alcohol

Concen: 37.227 ng

RT: 8.23 min Scan# 876

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

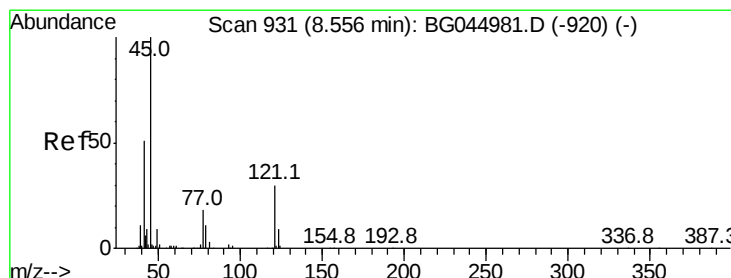
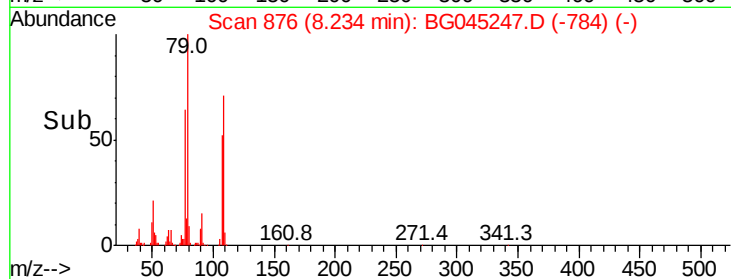
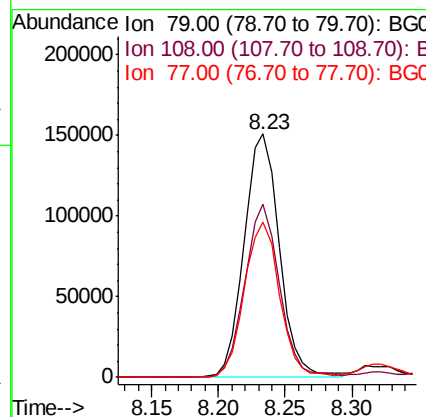
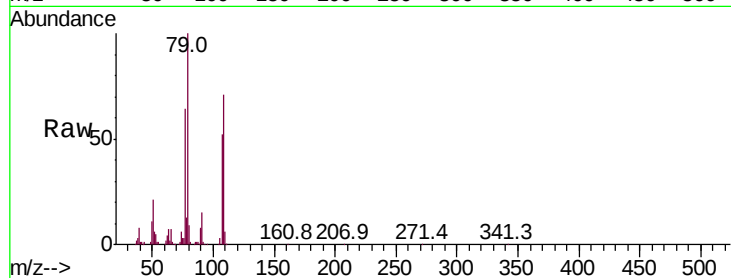
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	79	Resp:	275937
Ion Ratio	Lower	Upper	
79	100		
108	71.1	52.7	79.1
77	63.6	51.3	76.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.749 ng

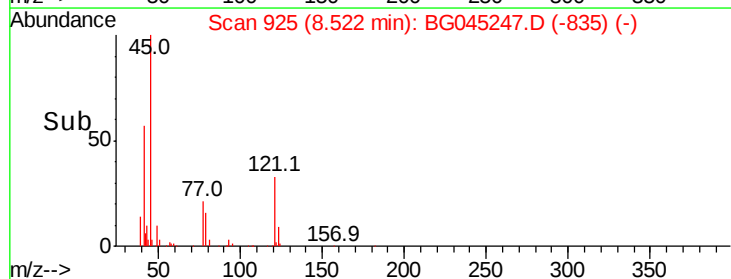
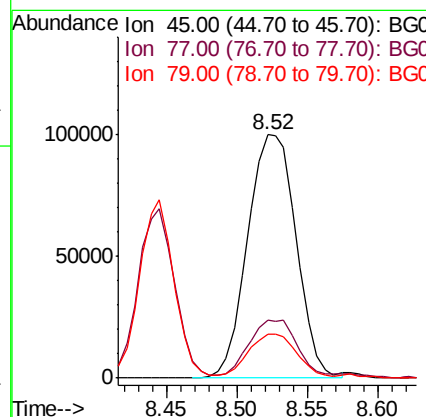
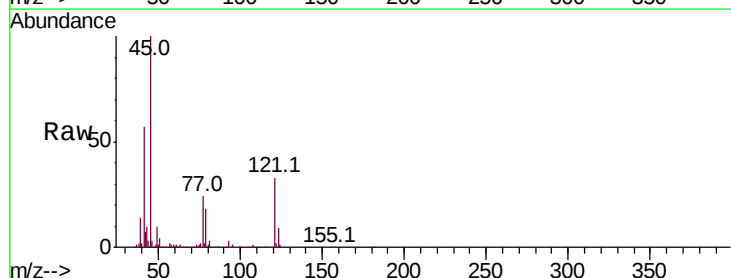
RT: 8.52 min Scan# 925

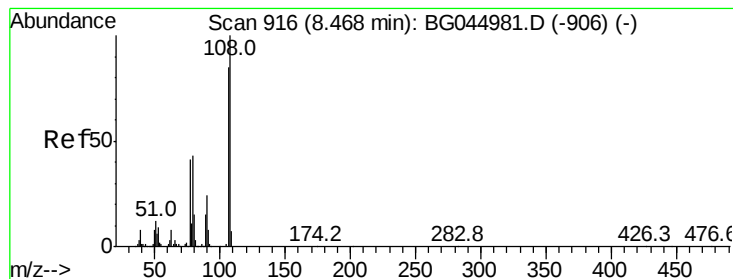
Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	45	Resp:	240262
Ion Ratio	Lower	Upper	
45	100		
77	23.7	1.9	41.9
79	18.0	0.0	35.5





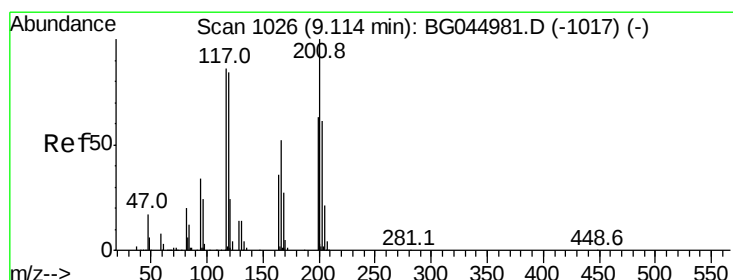
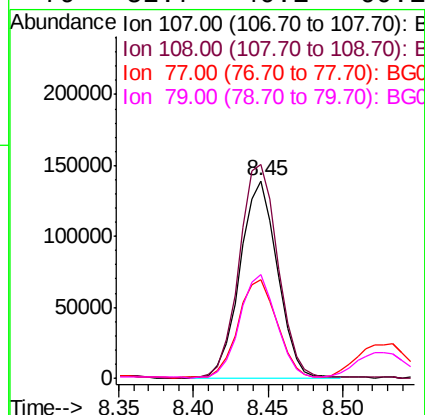
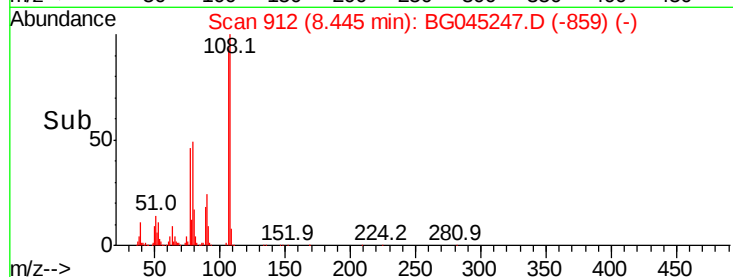
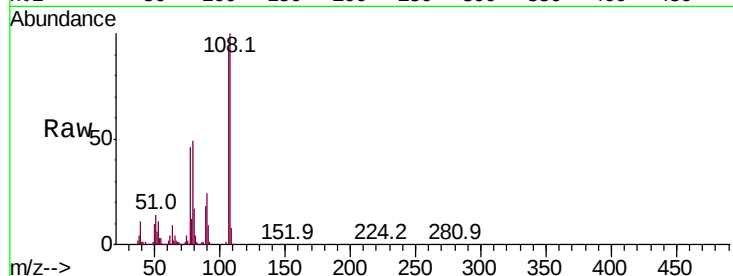
#17
2-Methylphenol
Concen: 35.495 ng
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	242278		
108	108.0	93.8	140.6	
77	49.8	38.5	57.7	
79	52.7	40.1	60.1	

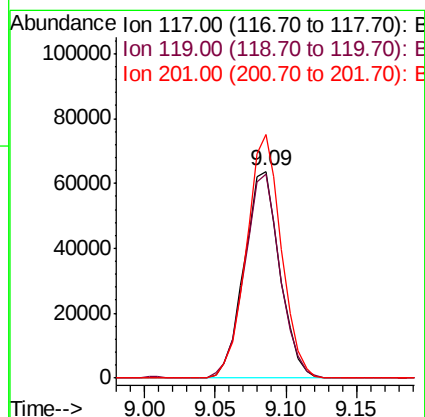
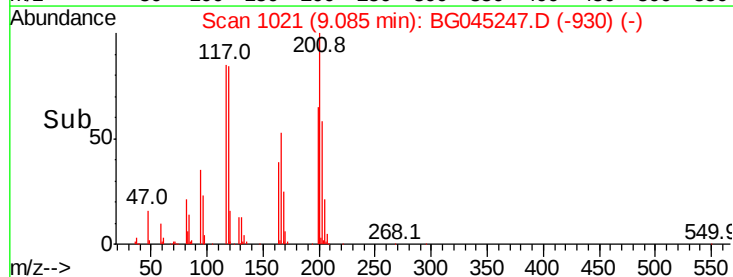
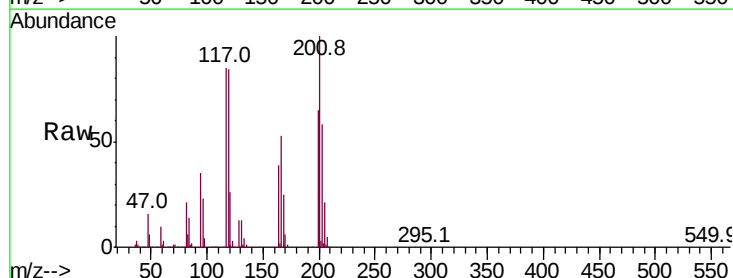
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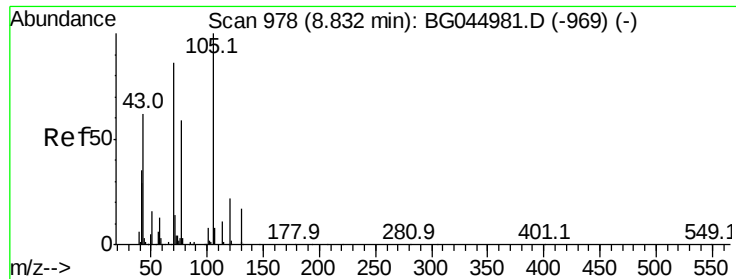
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#18
Hexachloroethane
Concen: 39.837 ng
RT: 9.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112453		
119	98.3	78.3	117.5	
201	117.6	92.9	139.3	





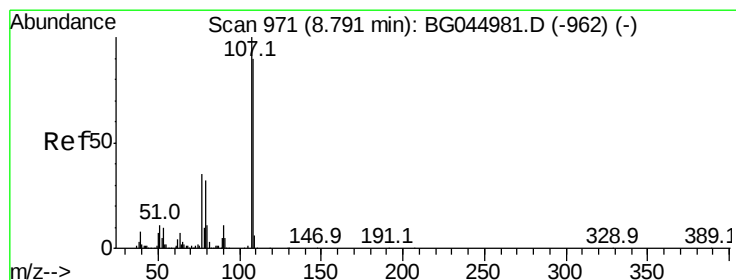
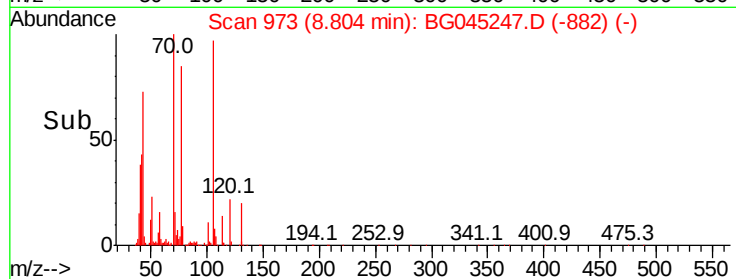
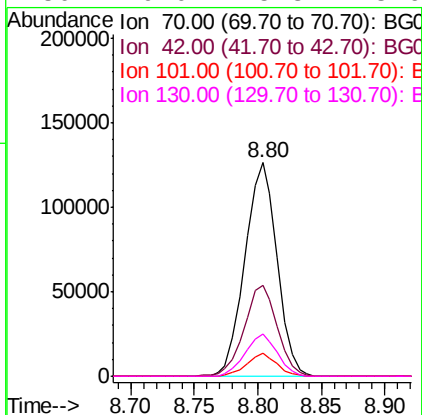
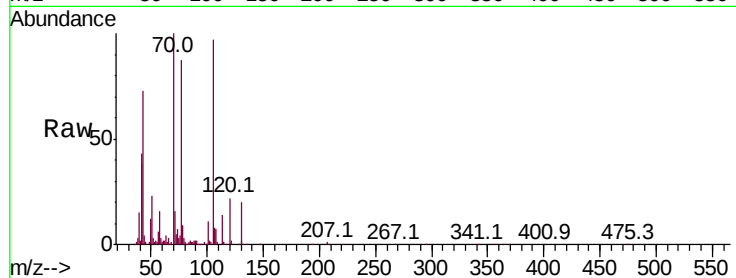
#19
n-Nitroso-di-n-propylamine
Concen: 35.528 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.6	33.3	49.9
101	10.9	7.8	11.8
130	20.0	15.8	23.6

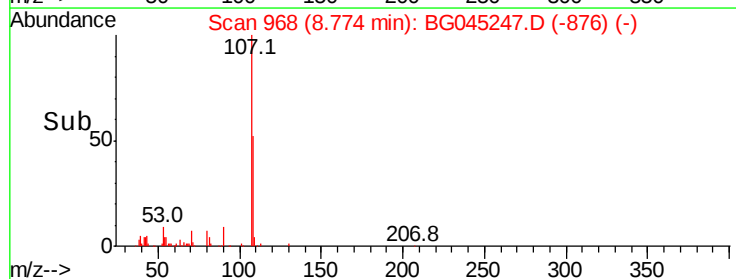
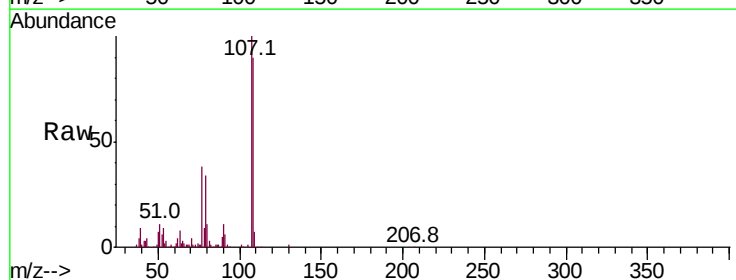
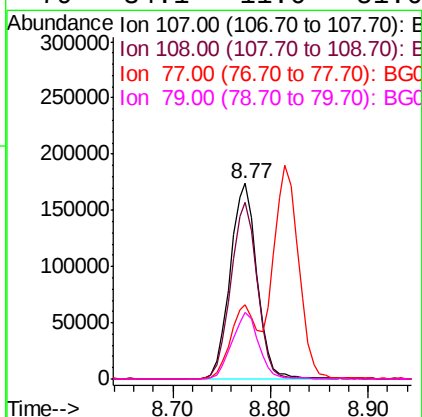
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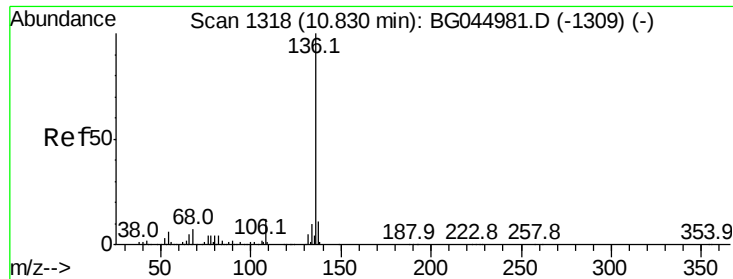
mohammad
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#20
3+4-Methylphenols
Concen: 34.794 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	38.0	15.2	55.2
79	34.1	11.6	51.6





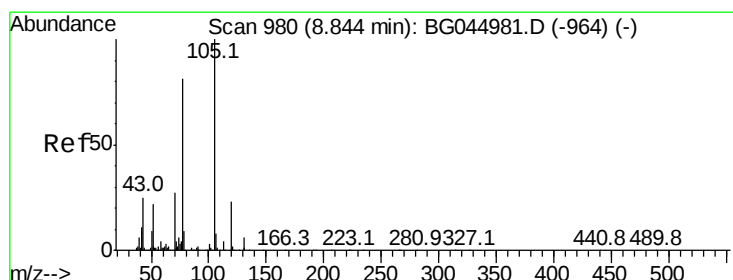
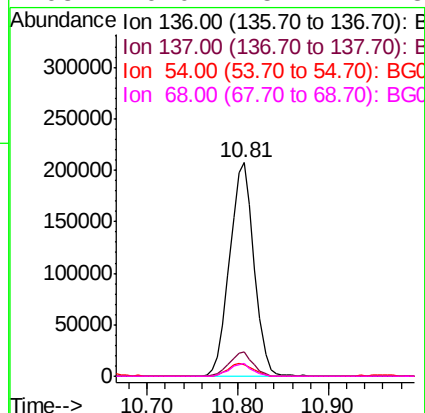
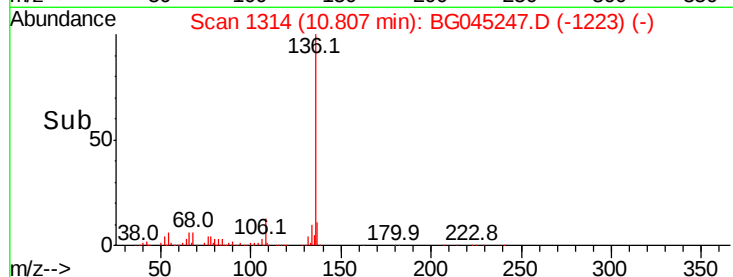
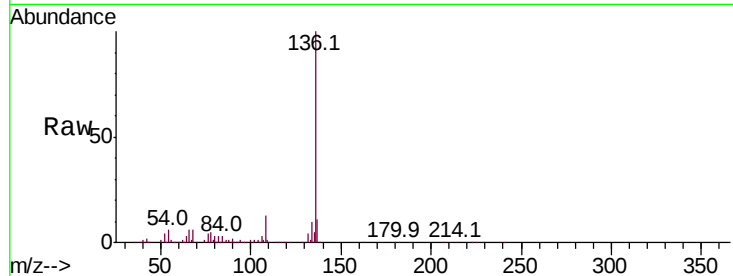
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.6	13.0	
54	5.6	4.8	7.2	
68	6.0	5.2	7.8	

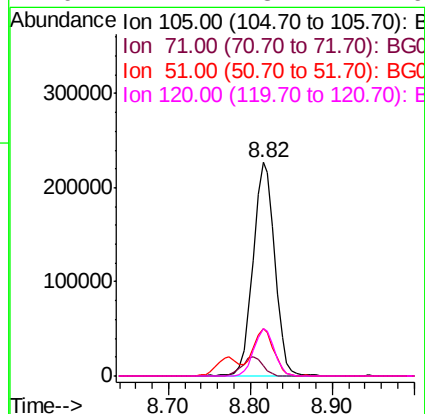
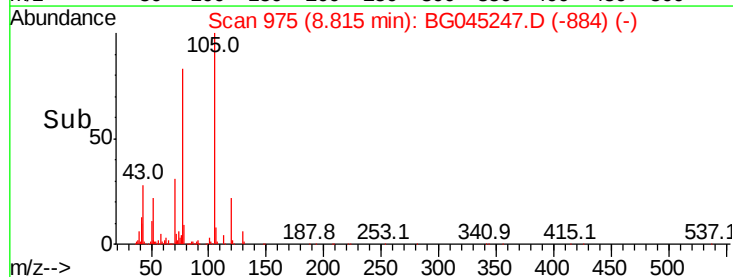
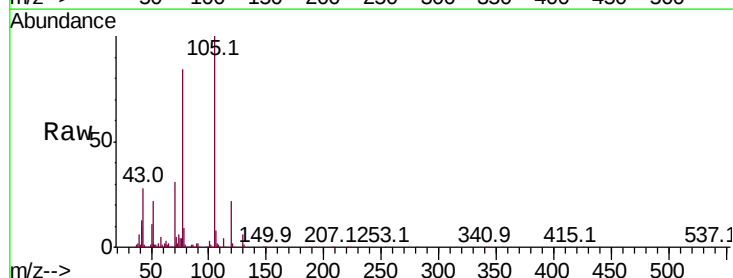
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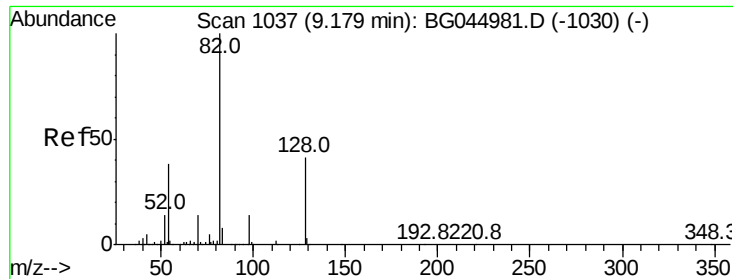
mohammad
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#22
Acetophenone
Concen: 40.048 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	3.3	4.9#	
51	22.4	17.3	25.9	
120	22.1	18.4	27.6	





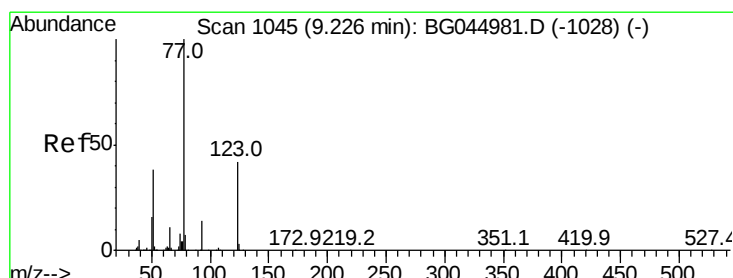
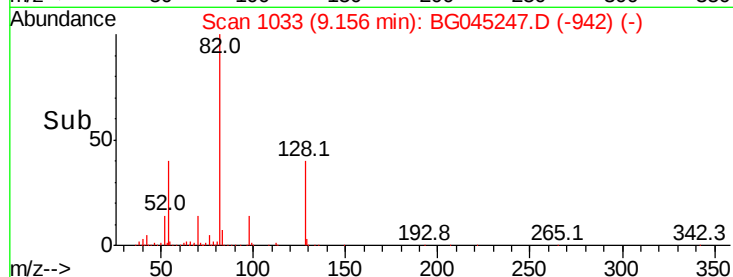
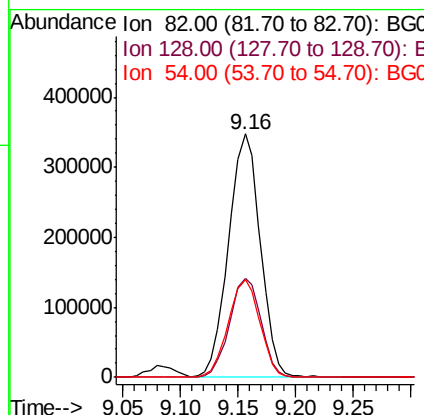
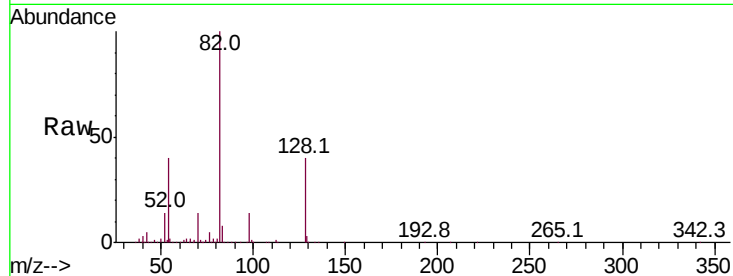
#23
Nitrobenzene-d5
Concen: 77.882 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	33.0	49.4	
54	40.3	30.4	45.6	

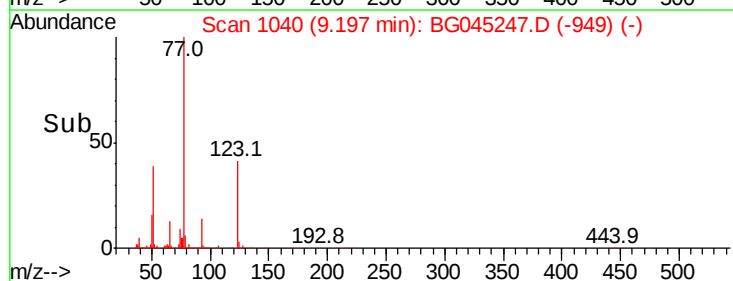
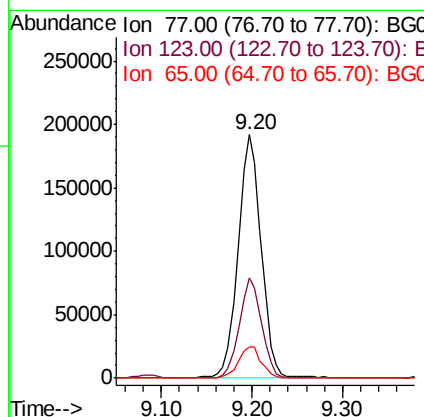
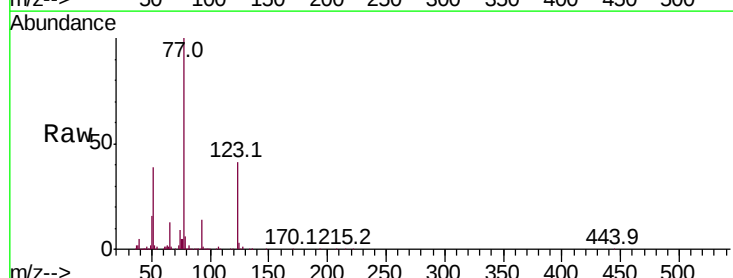
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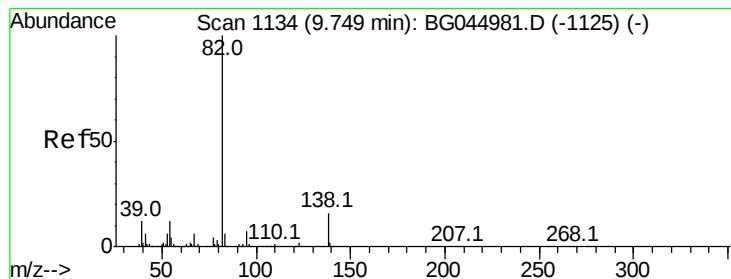
mohammad
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#24
Nitrobenzene
Concen: 38.828 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.1	34.3	51.5	
65	12.6	8.9	13.3	





#25

Isophorone

Concen: 35.315 ng

RT: 9.72 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

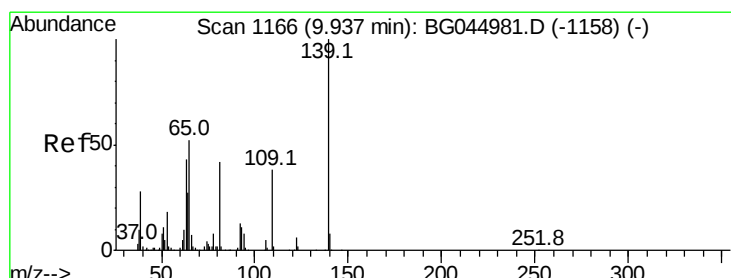
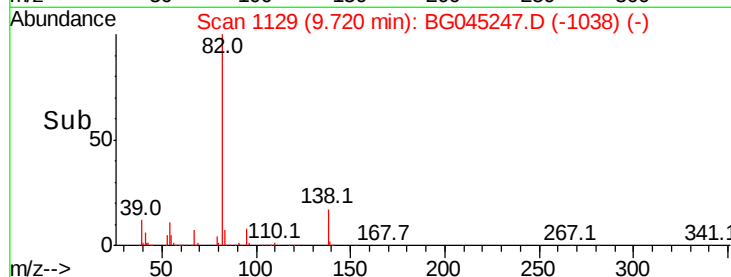
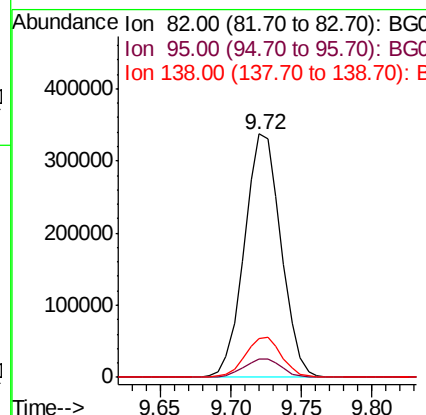
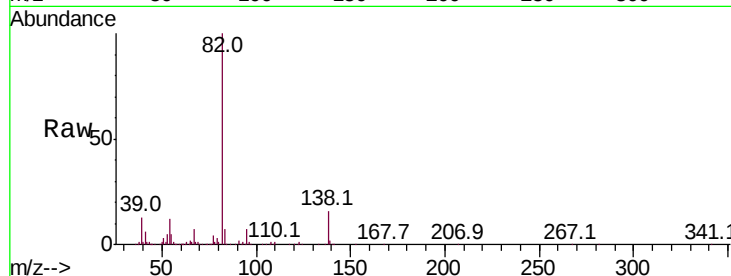
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	82	Resp:	613329
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.0	9.0
138	15.8	12.7	19.1

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#26

2-Nitrophenol

Concen: 40.715 ng

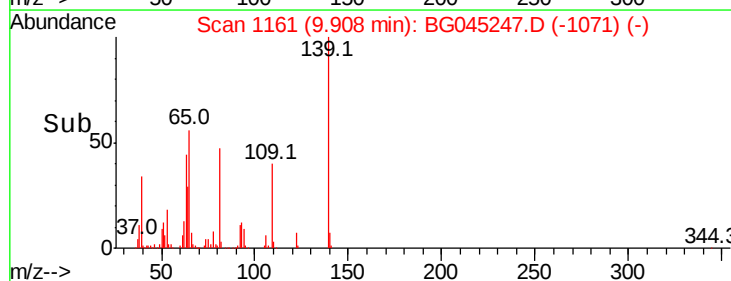
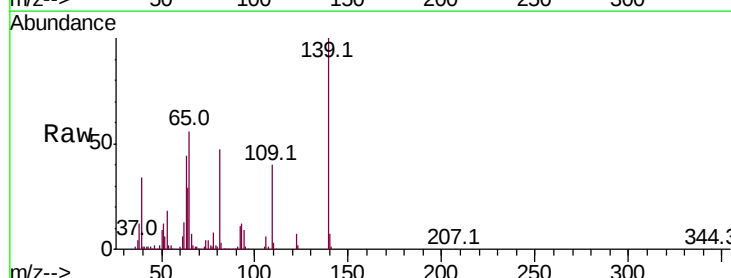
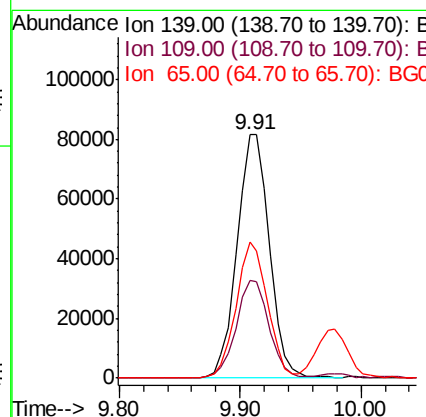
RT: 9.91 min Scan# 1161

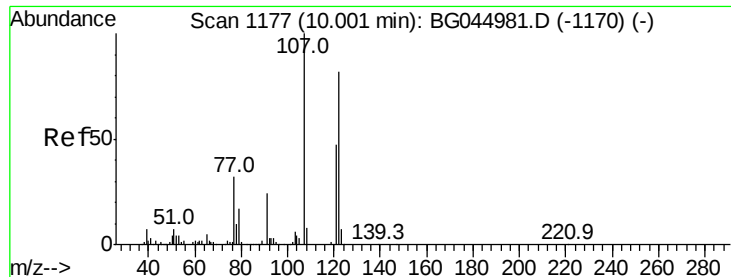
Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	139	Resp:	152456
Ion Ratio	Lower	Upper	
139	100		
109	40.0	30.6	45.8
65	55.6	41.8	62.6





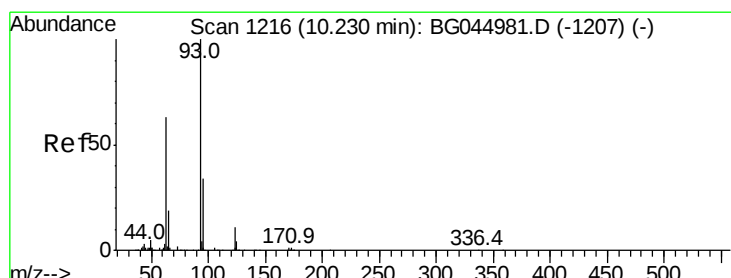
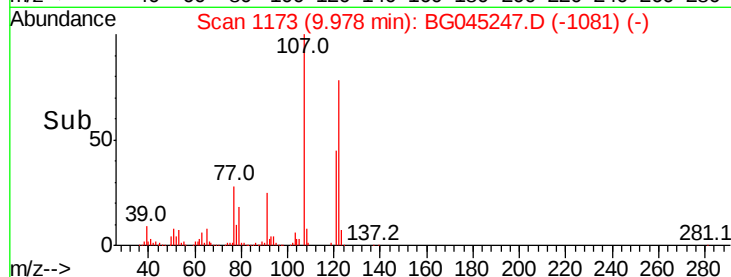
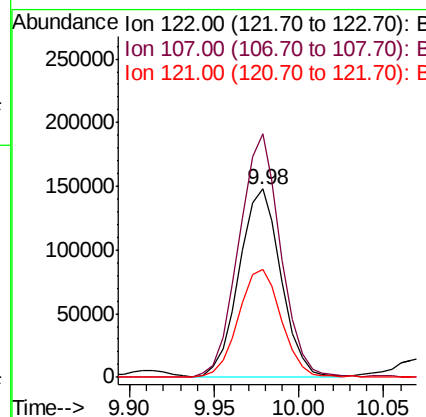
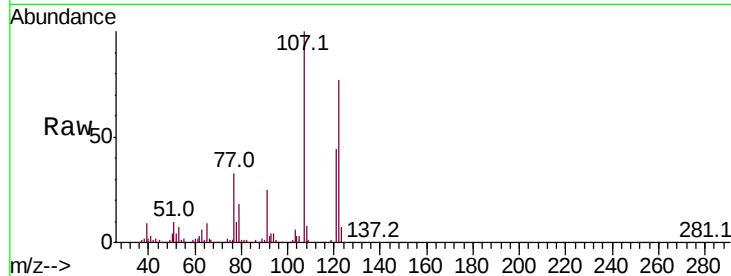
#27
2,4-Dimethylphenol
Concen: 42.899 ng
RT: 9.98 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	129.1	96.8	145.2	
121	57.4	45.6	68.4	

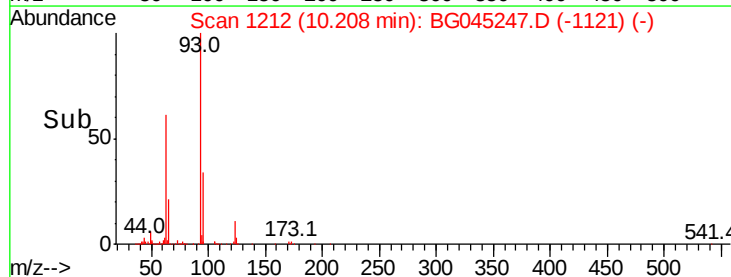
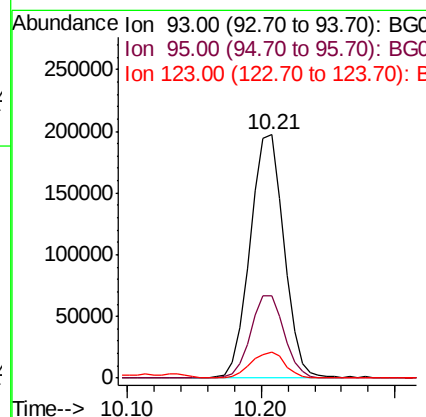
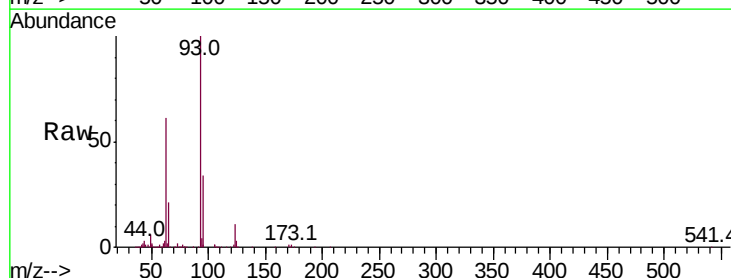
Manual Integrations
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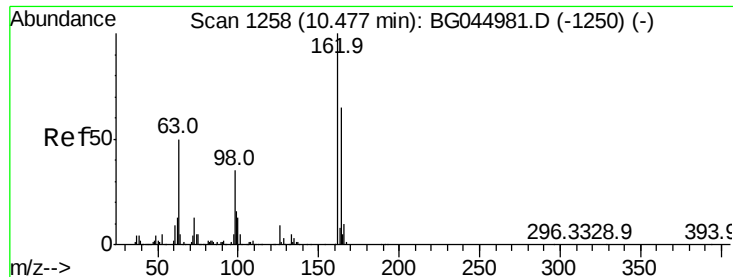
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.848 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.8	27.0	40.4	
123	10.8	8.7	13.1	





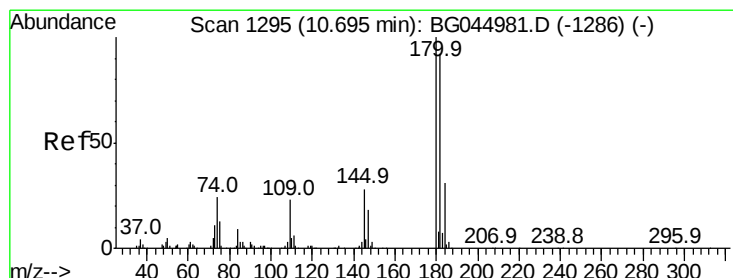
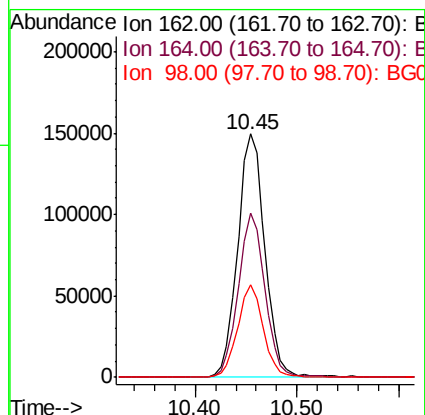
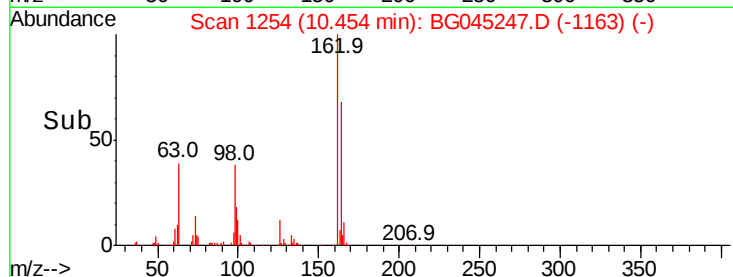
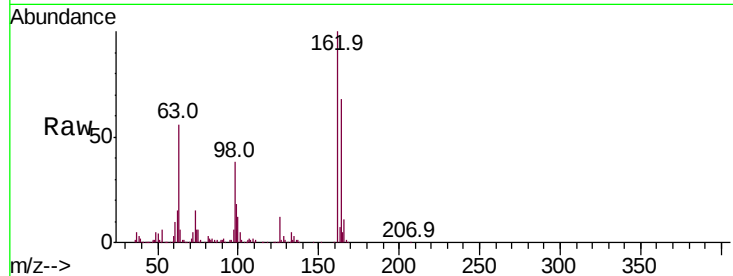
#29
2,4-Dichlorophenol
Concen: 40.563 ng
RT: 10.45 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	278279		
164	67.7	45.0	85.0	
98	38.1	15.2	55.2	

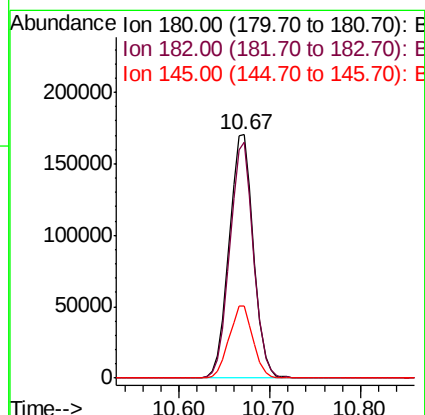
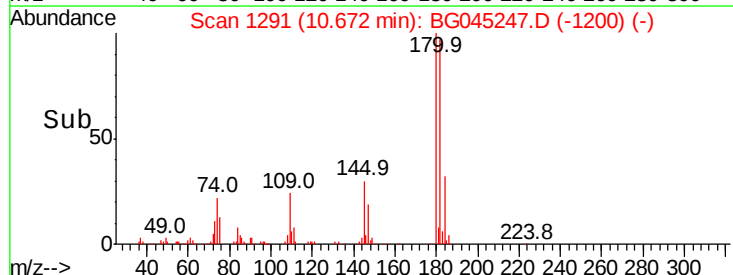
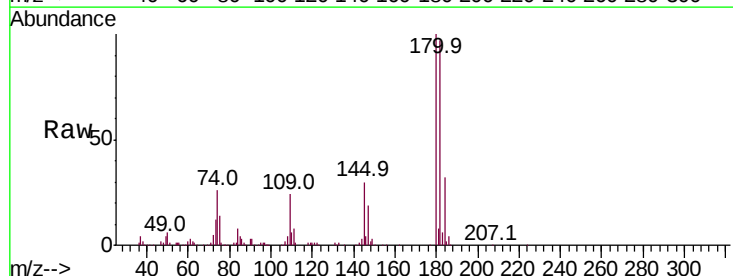
Manual Integrations
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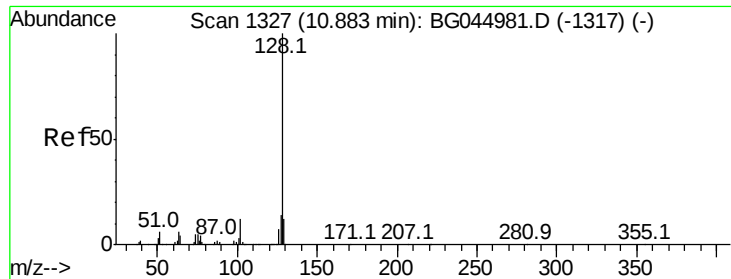
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#30
1,2,4-Trichlorobenzene
Concen: 40.857 ng
RT: 10.67 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	317356		
182	97.0	73.3	109.9	
145	29.5	22.6	33.8	





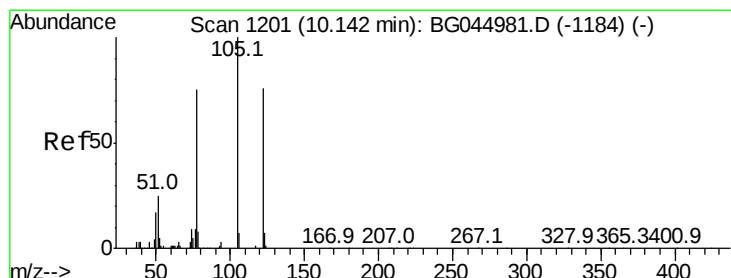
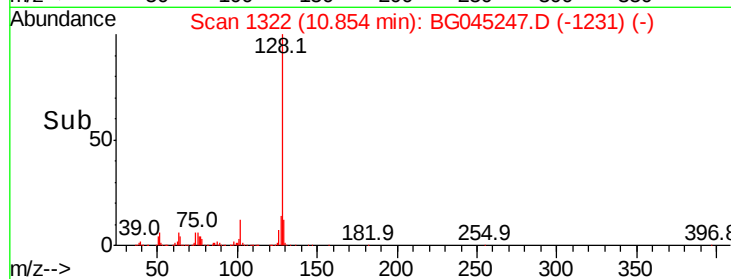
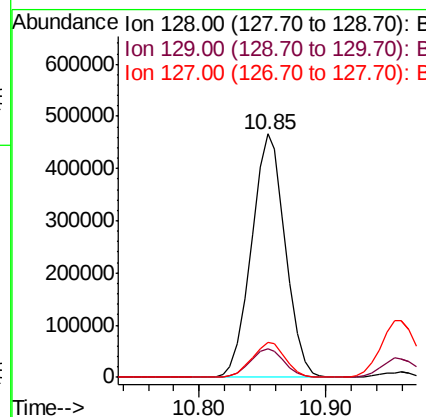
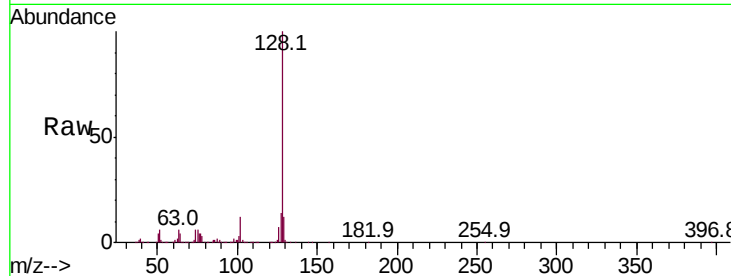
#31
Naphthalene
Concen: 40.586 ng
RT: 10.85 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.4	14.2	
127	14.2	10.8	16.2	

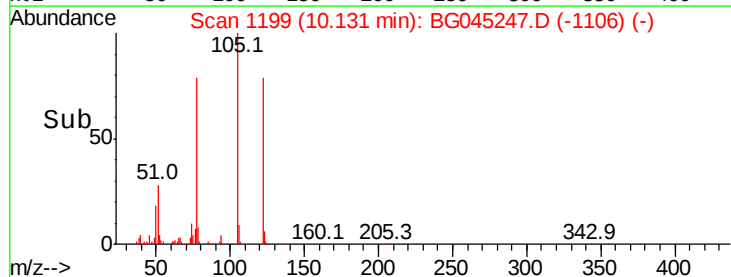
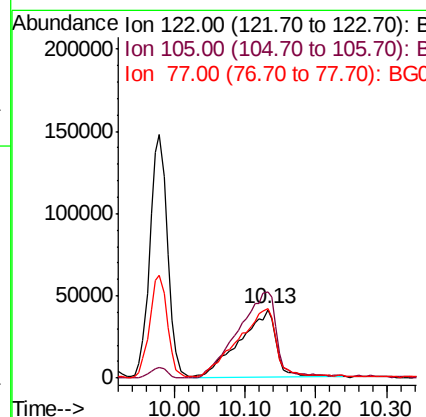
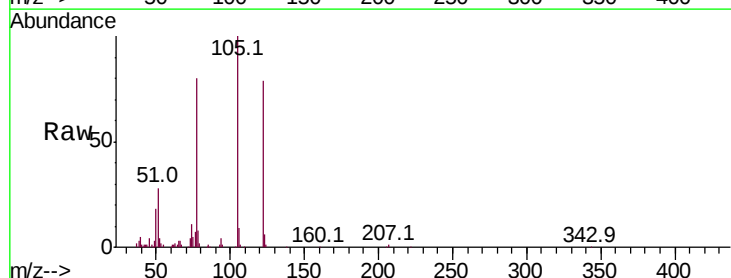
Manual Integrations
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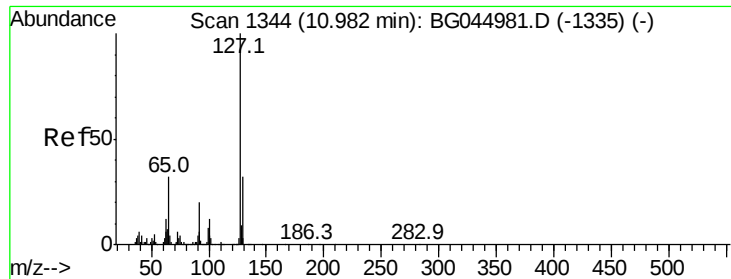
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#32
Benzoic acid
Concen: 33.608 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.8	108.4	148.4	
77	101.1	78.8	118.8	





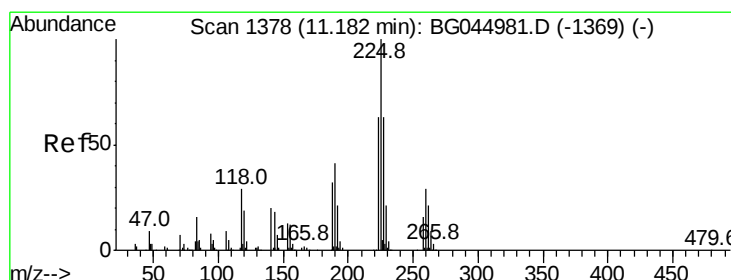
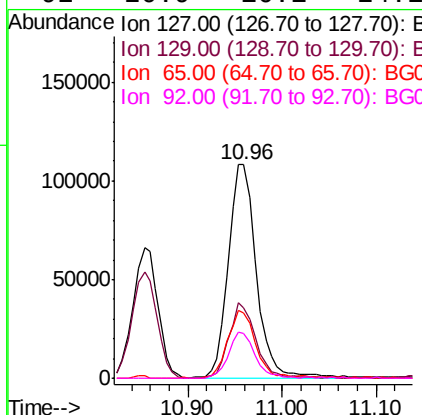
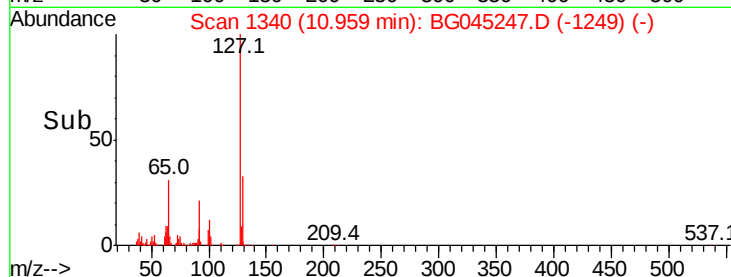
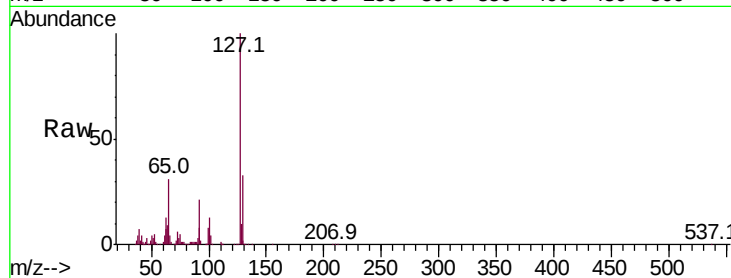
#33
4-Chloroaniline
Concen: 22.660 ng
RT: 10.96 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	223711		
129	33.1	25.7	38.5	
65	30.9	25.4	38.2	
92	20.9	16.1	24.1	

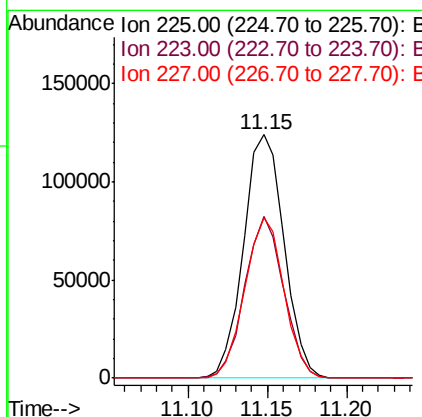
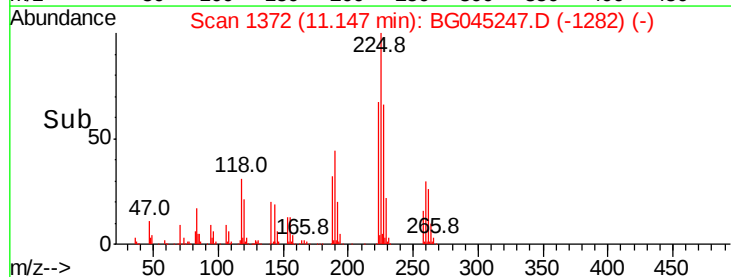
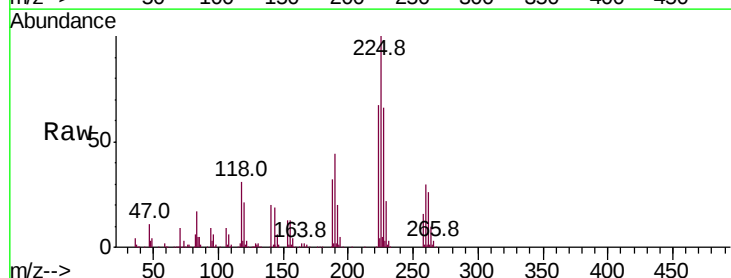
Manual Integrations
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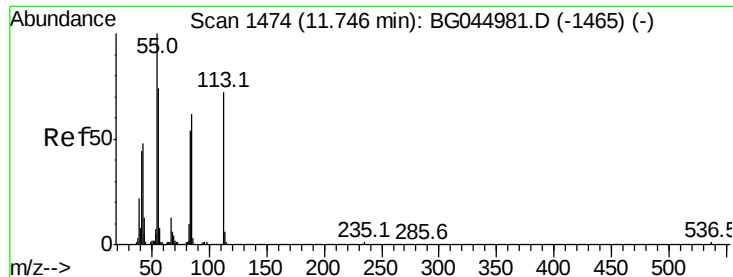
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#34
Hexachlorobutadiene
Concen: 41.291 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219895		
223	66.6	50.7	76.1	
227	65.7	50.2	75.2	





#35

Caprolactam

Concen: 31.479 ng/ml

RT: 11.73 min Scan# 1472

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

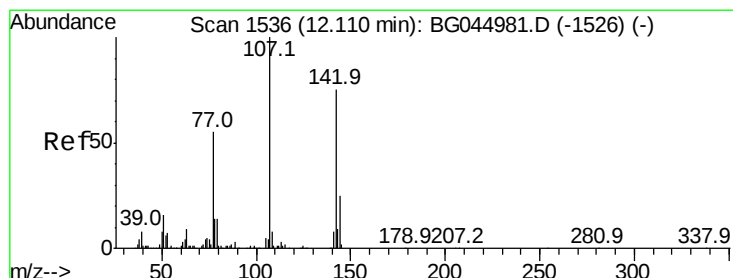
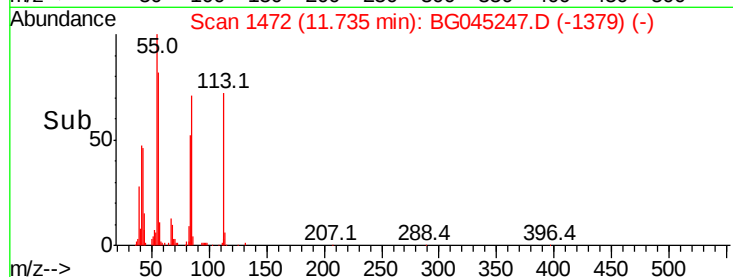
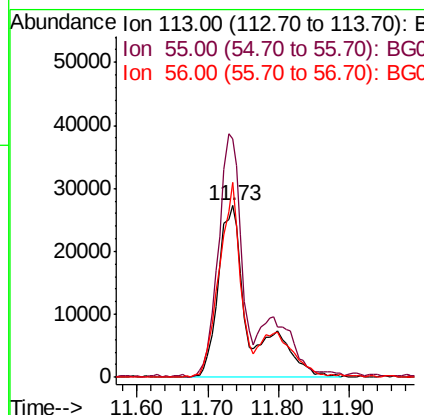
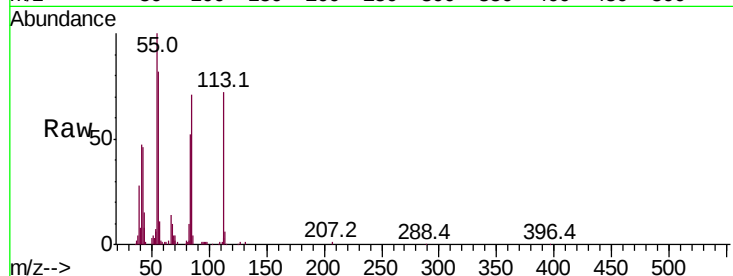
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	113	Resp:	85952
Ion Ratio	Lower	Upper	
113	100		
55	138.9	118.8	158.8
56	113.5	82.6	122.6

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#36

4-Chloro-3-methylphenol

Concen: 37.457 ng/ml

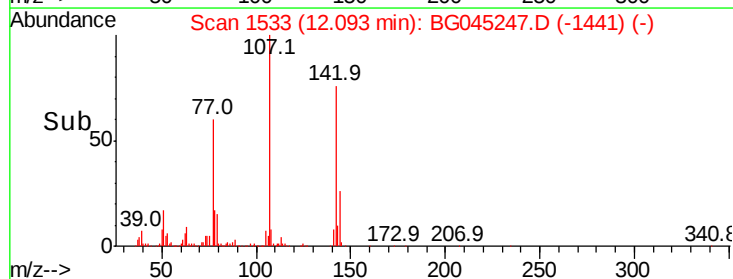
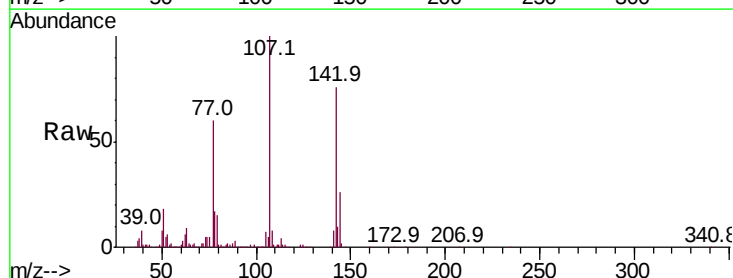
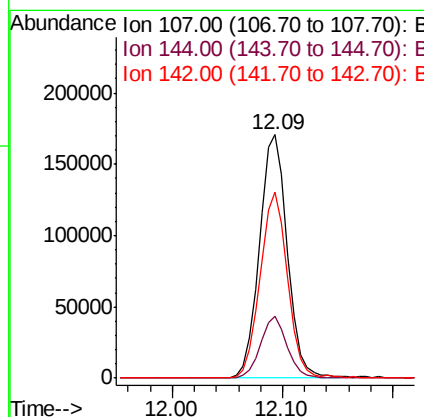
RT: 12.09 min Scan# 1533

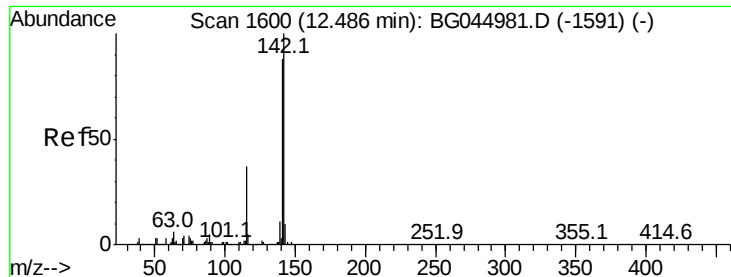
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	107	Resp:	301879
Ion Ratio	Lower	Upper	
107	100		
144	25.5	19.8	29.6
142	76.3	59.7	89.5





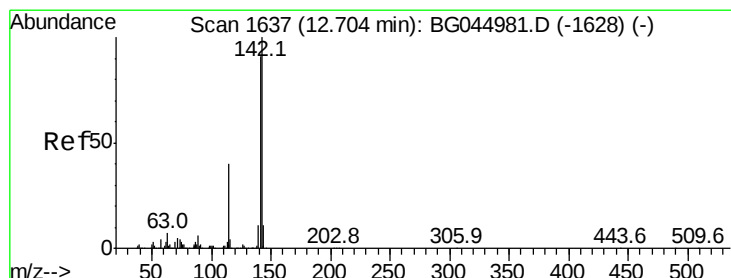
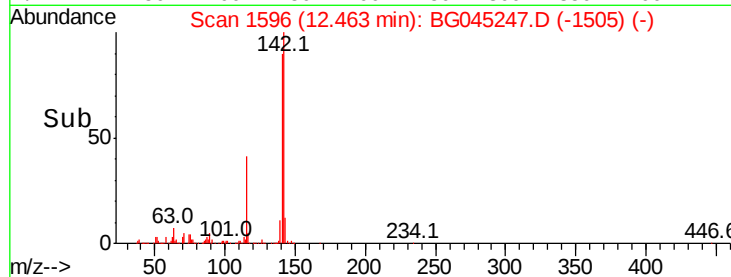
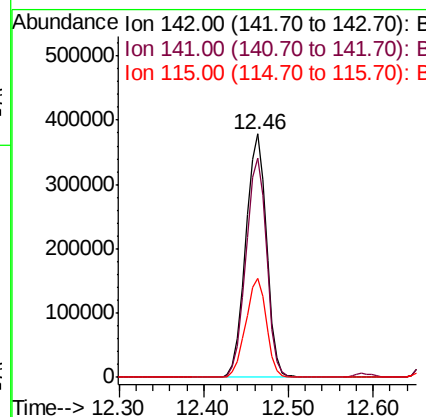
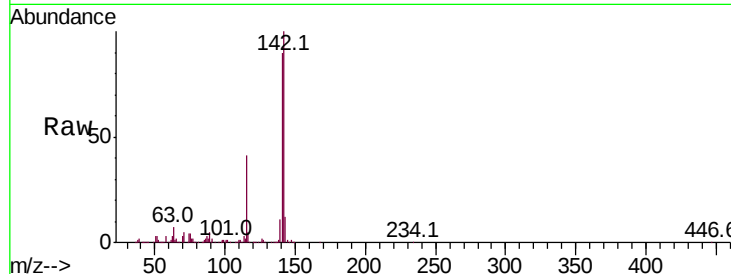
#37
2-Methylnaphthalene
Concen: 38.973 ng
RT: 12.46 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	640357		
141	90.2		70.3	105.5
115	40.7		29.8	44.6

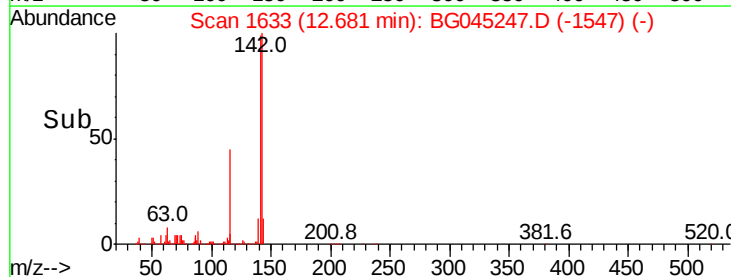
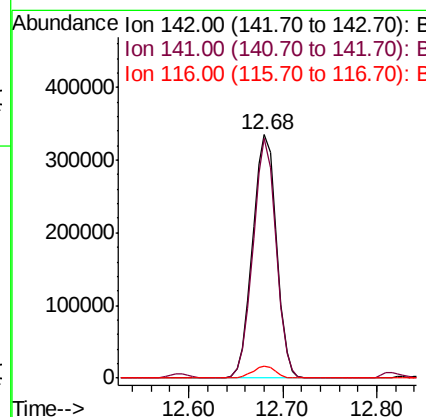
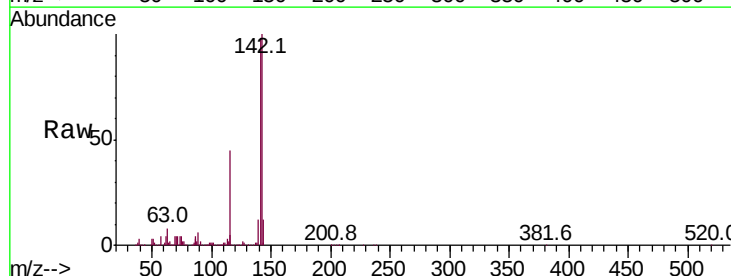
Manual Integrations
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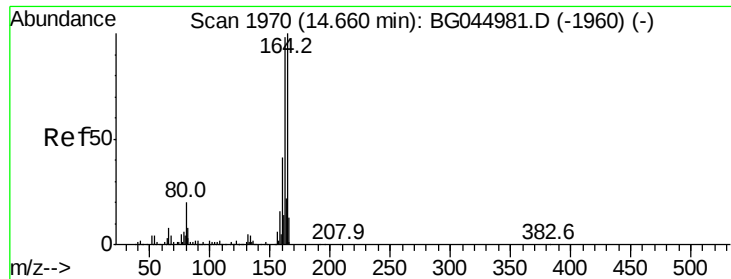
mohammad
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#38
1-Methylnaphthalene
Concen: 38.059 ng
RT: 12.68 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	590345		
141	98.5		72.7	109.1
116	5.0		3.1	4.7#





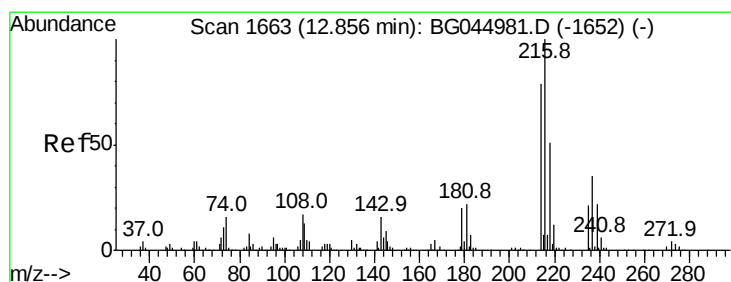
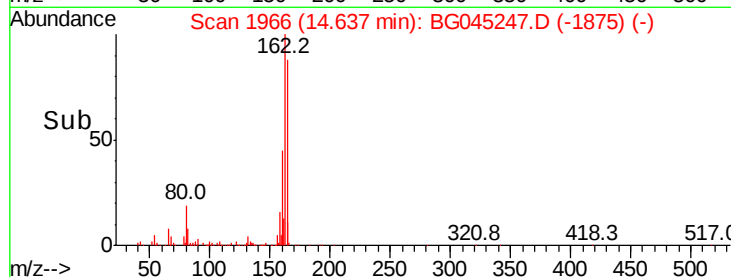
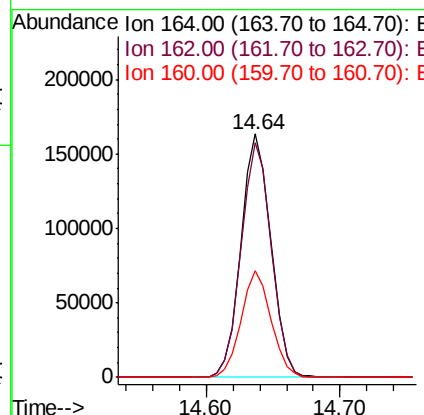
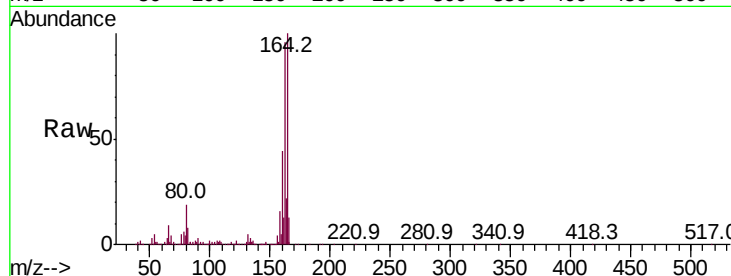
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.1	78.7	118.1
160	43.6	32.8	49.2

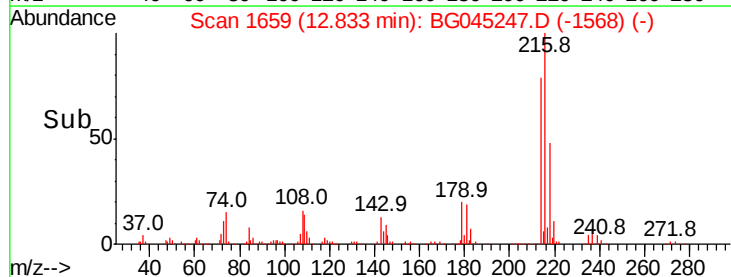
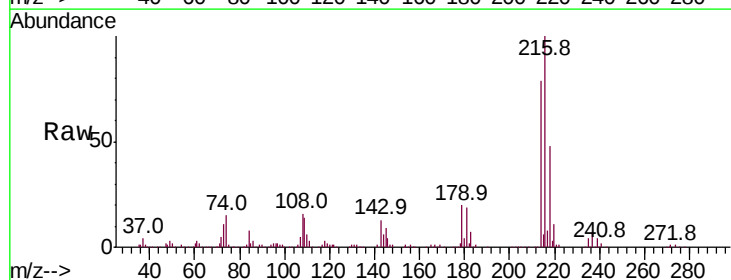
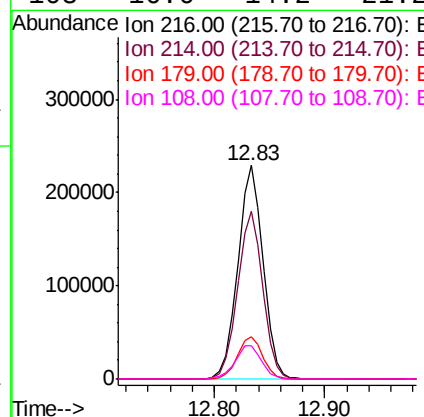
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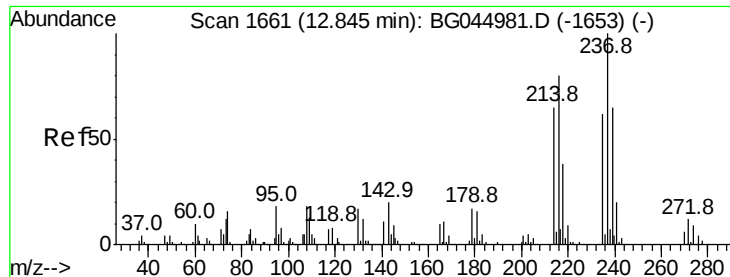
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.084 ng
RT: 12.83 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.6
179	20.1	15.8	23.8
108	16.6	14.2	21.2





#41

Hexachlorocyclopentadiene

Concen: 20.980 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

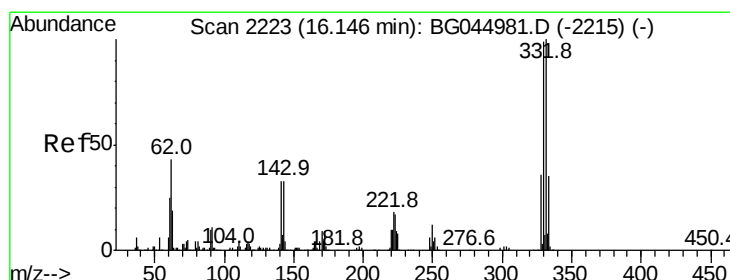
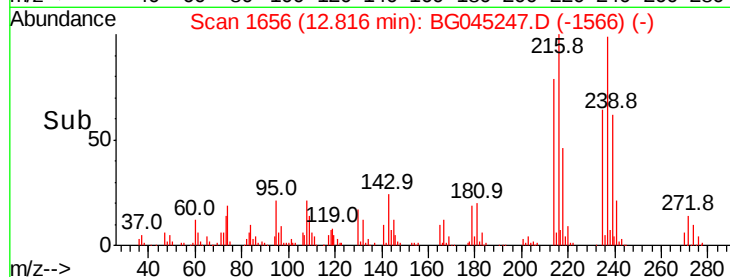
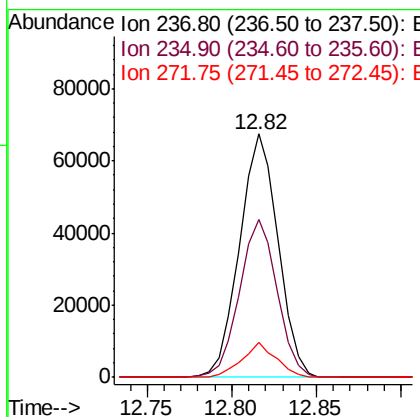
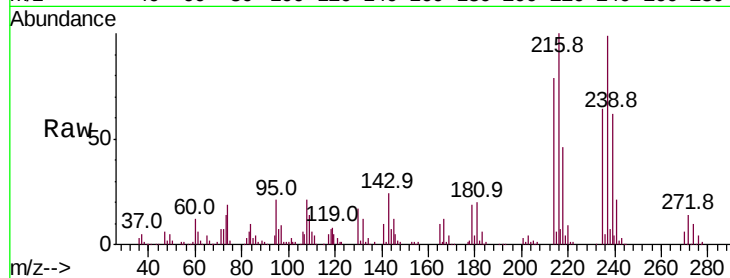
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	237	Resp:	106552
Ion Ratio	Lower	Upper	
237	100		
235	65.0	41.6	81.6
272	14.2	0.0	32.1

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 108.849 ng

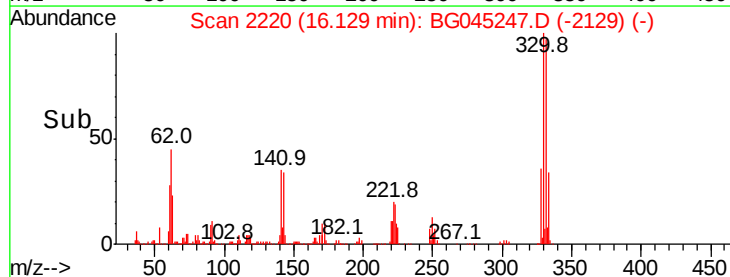
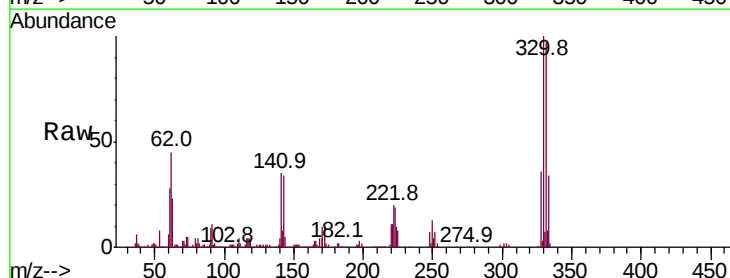
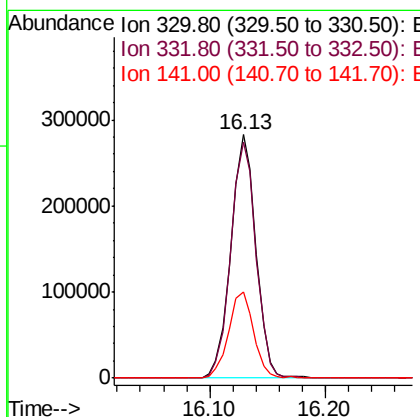
RT: 16.13 min Scan# 2220

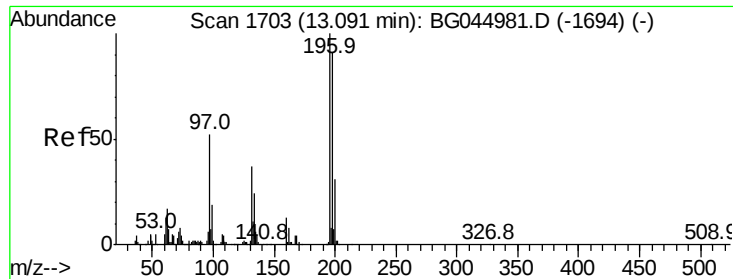
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	330	Resp:	424385
Ion Ratio	Lower	Upper	
330	100		
332	98.3	79.1	118.7
141	35.3	27.1	40.7





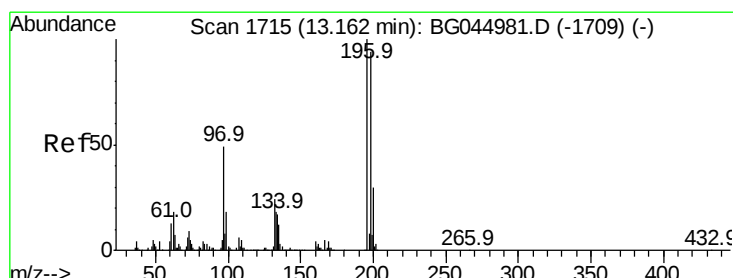
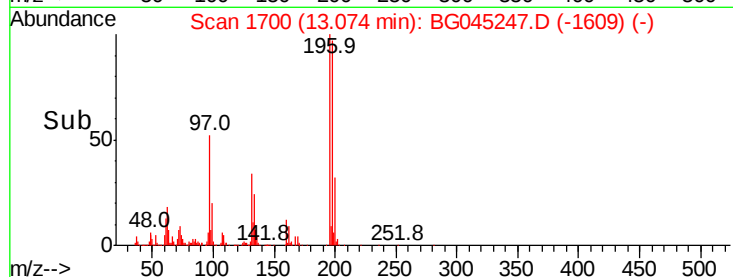
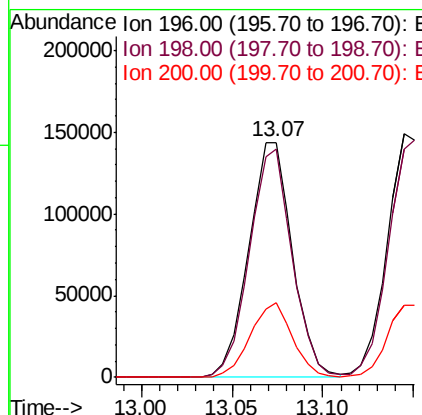
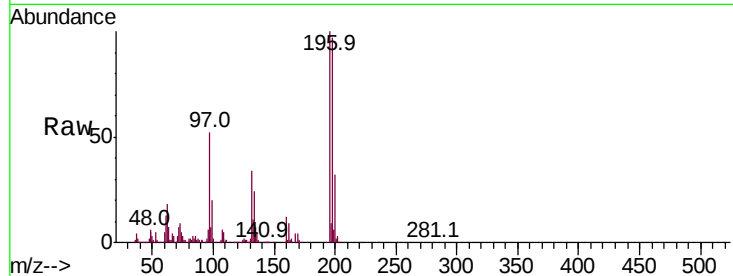
#43
2,4,6-Trichlorophenol
Concen: 42.031 ng
RT: 13.07 min Scan# 1700
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241042		
198	96.9	72.5	108.7	
200	32.0	24.5	36.7	

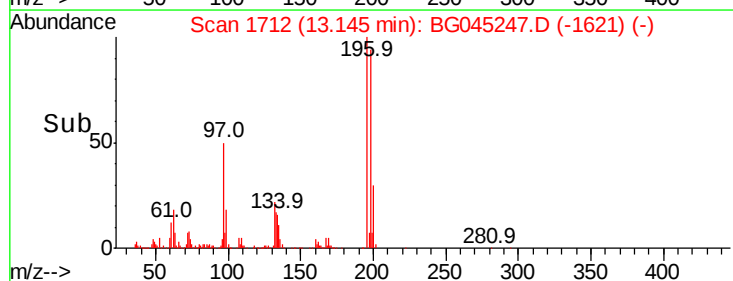
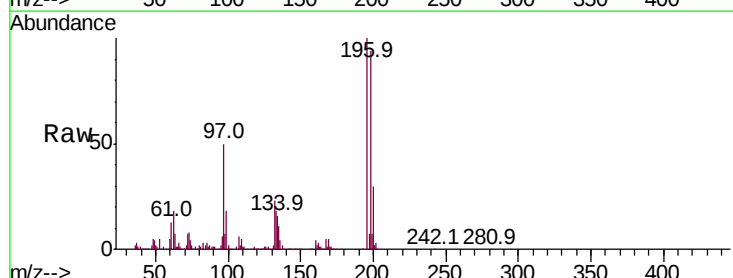
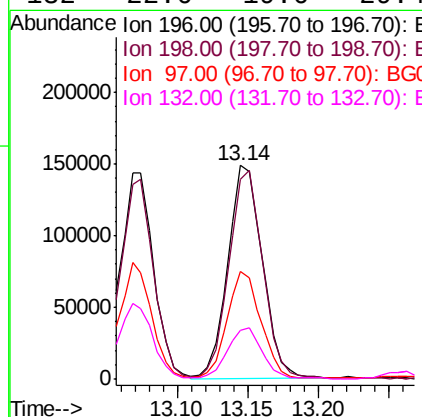
Manual Integrations
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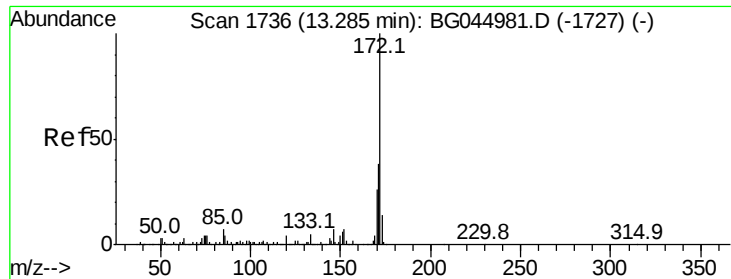
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 38.708 ng
RT: 13.14 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252677		
198	93.7	75.7	113.5	
97	50.4	39.6	59.4	
132	22.6	19.6	29.4	





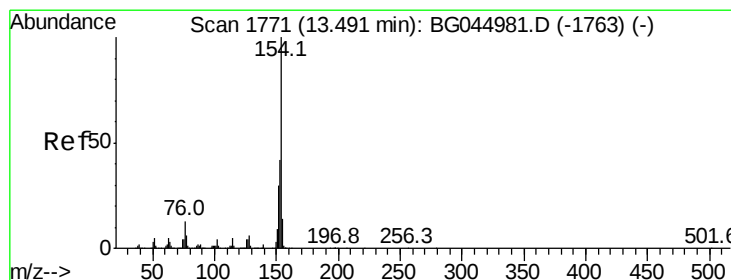
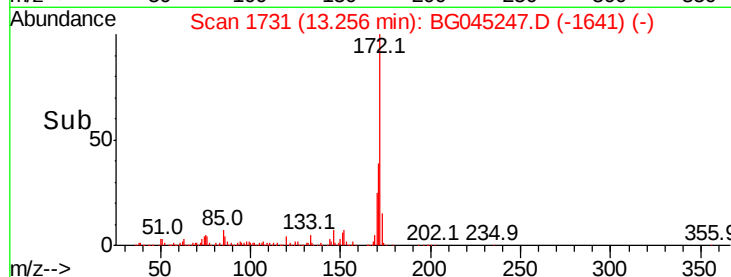
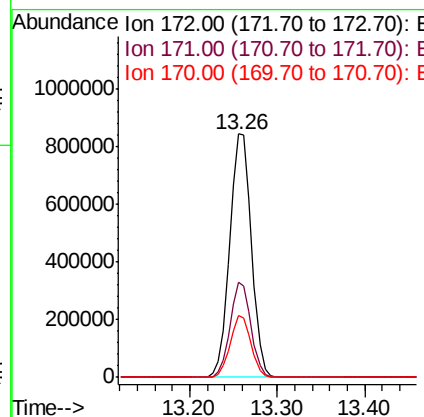
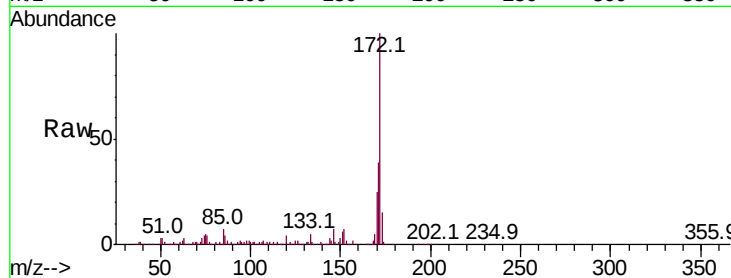
#45
2-Fluorobiphenyl
Concen: 83.326 ng
RT: 13.26 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.6	46.0
170	25.4	20.5	30.7

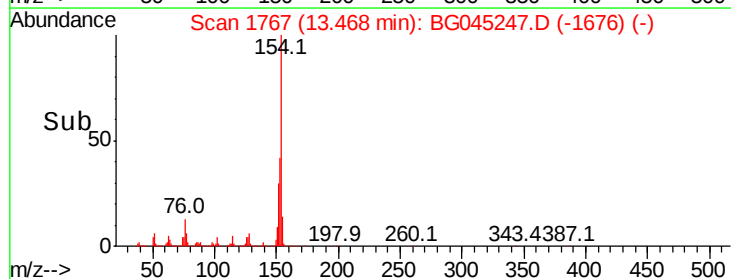
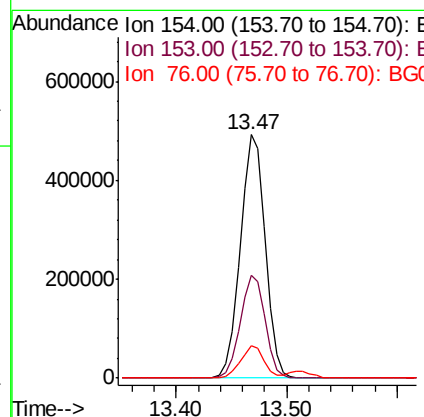
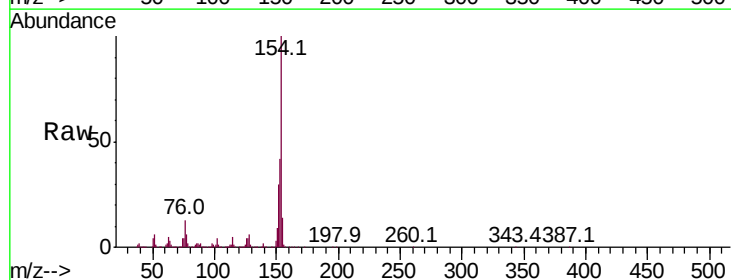
Manual Integrations
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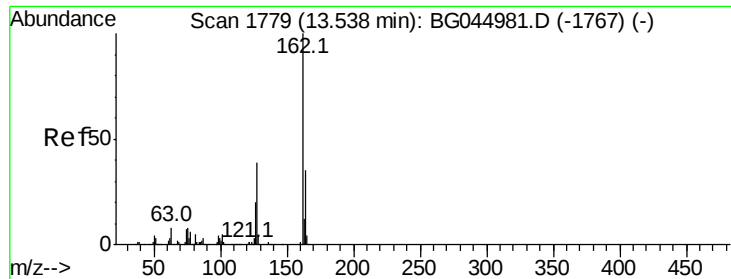
mohammad
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#46
1,1'-Biphenyl
Concen: 40.712 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.9	61.9
76	13.3	0.0	33.1





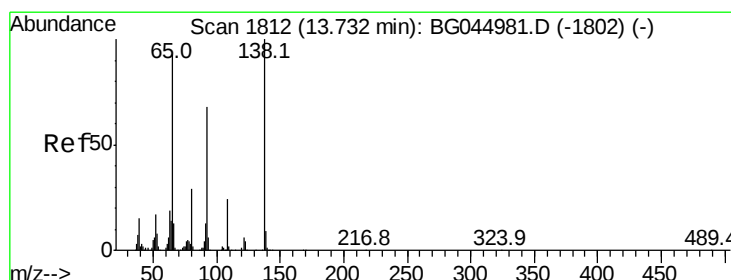
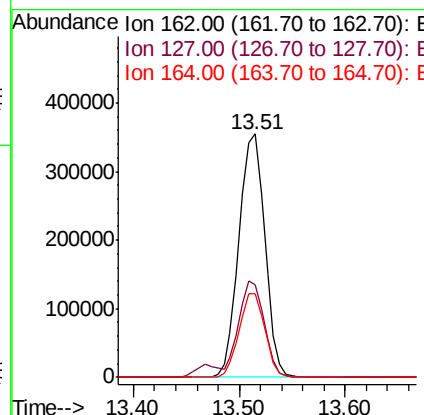
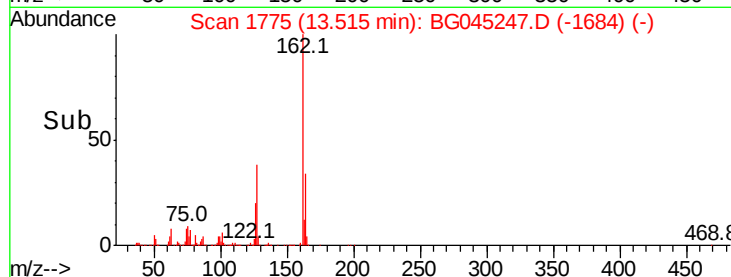
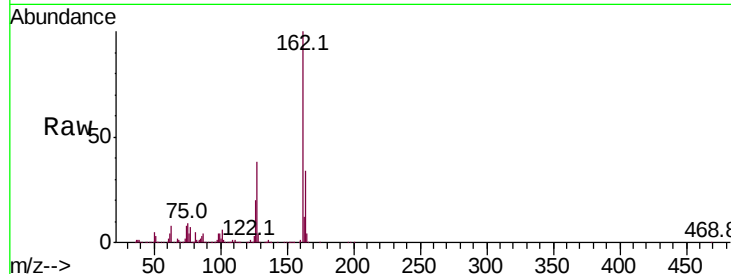
#47
2-Chloronaphthalene
Concen: 41.178 ng
RT: 13.51 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	38.1	31.3	46.9
164	34.3	27.8	41.8

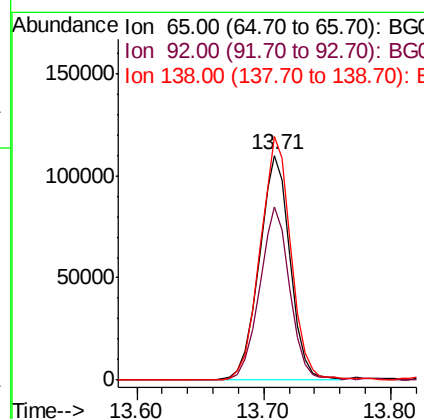
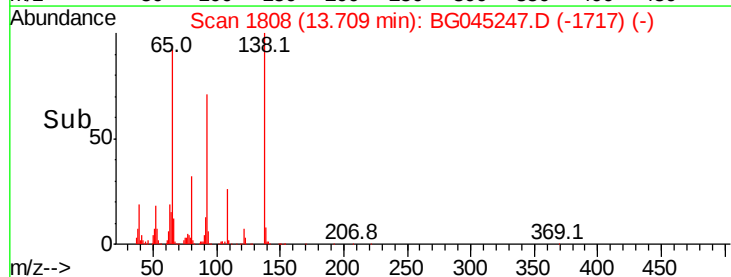
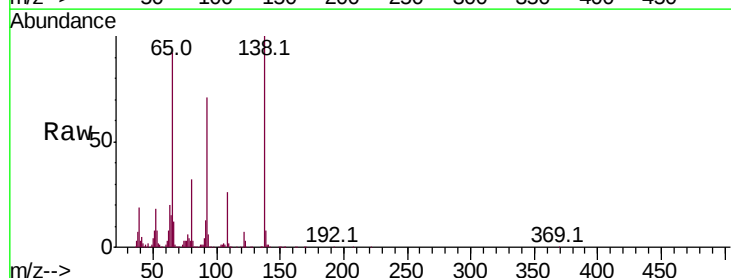
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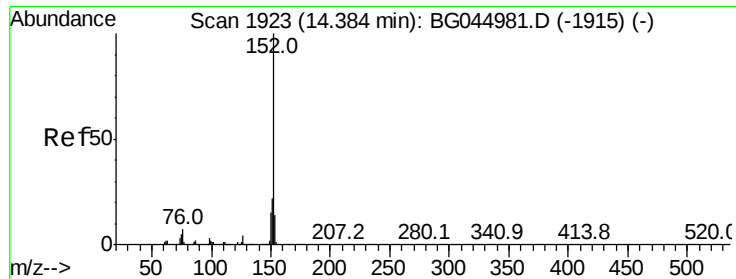
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#48
2-Nitroaniline
Concen: 38.494 ng
RT: 13.71 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	77.4	58.3	87.5
138	108.4	85.6	128.4





#49

Acenaphthylene

Concen: 40.762 ng

RT: 14.36 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

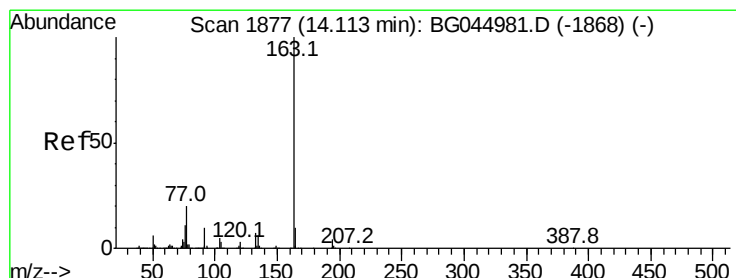
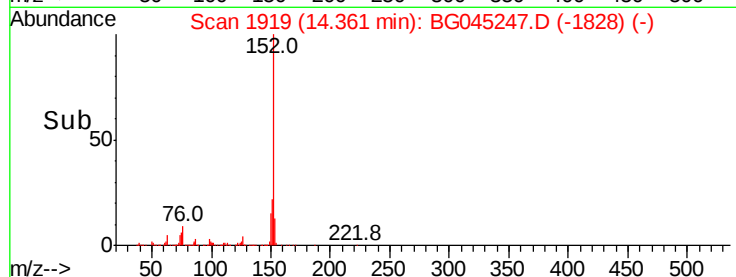
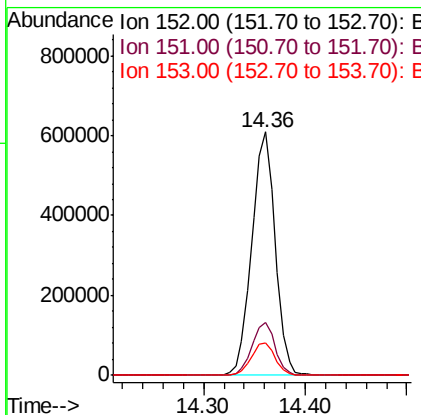
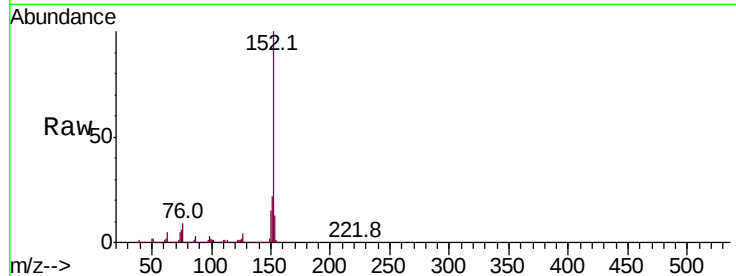
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	13.3	11.0	16.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.906 ng

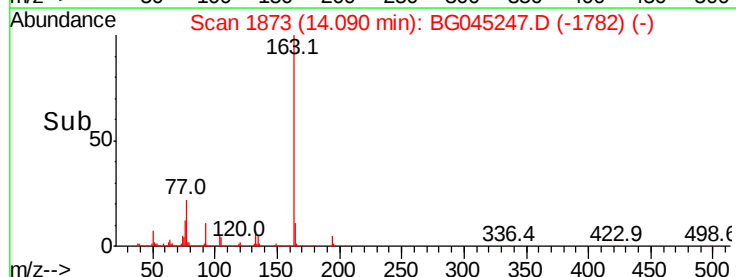
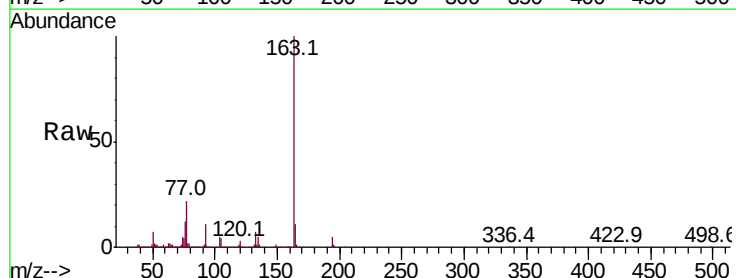
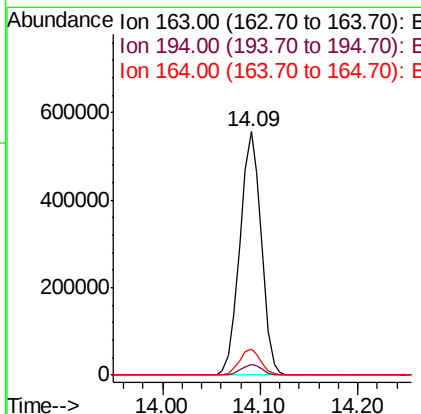
RT: 14.09 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.7	8.2	12.4





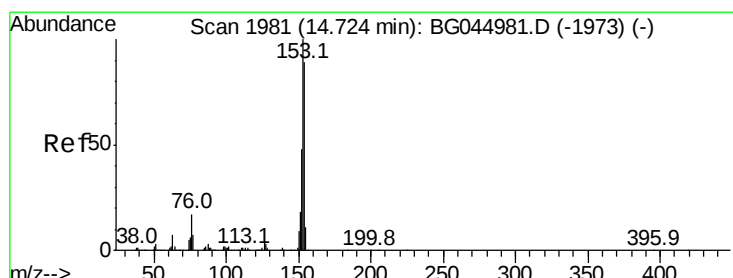
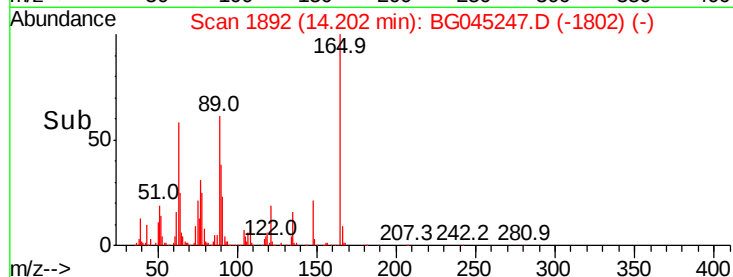
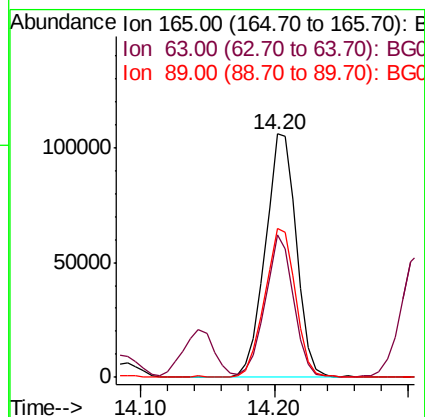
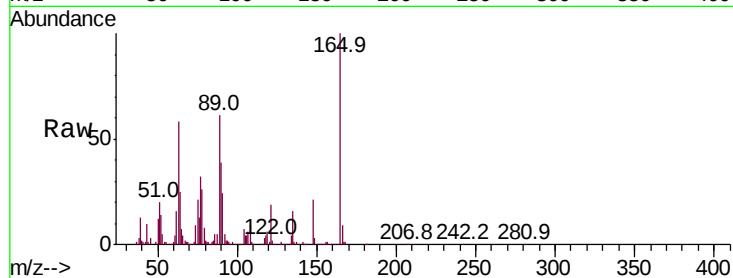
#51
2,6-Dinitrotoluene
Concen: 37.181 ng
RT: 14.20 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	170894		
63	58.5	40.4	60.6	
89	61.4	49.1	73.7	

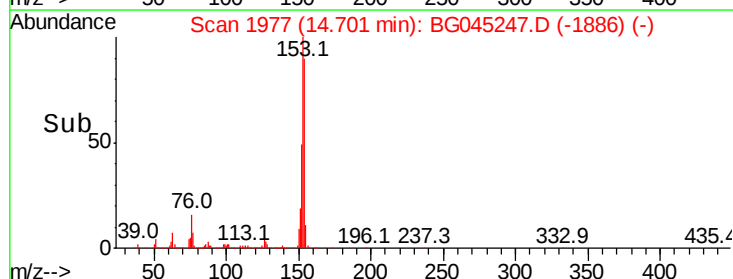
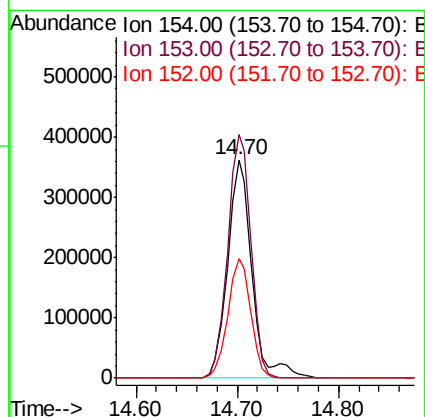
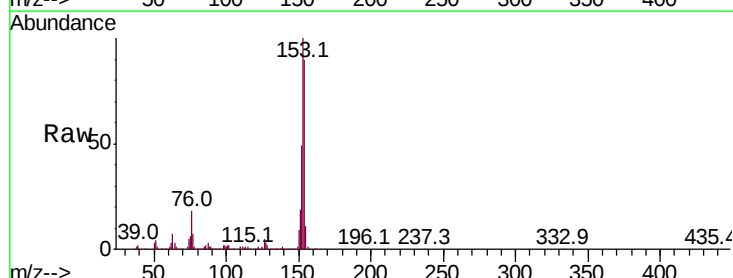
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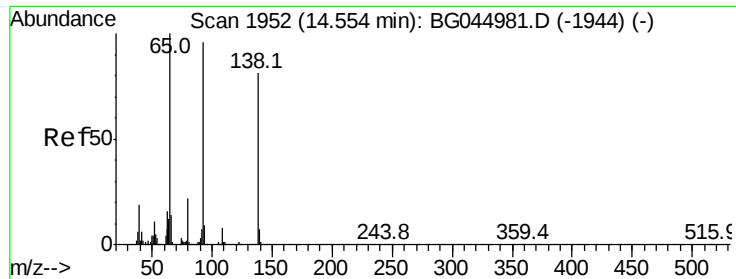
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#52
Acenaphthene
Concen: 37.686 ng m
RT: 14.70 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	608754		
153	111.5	89.7	134.5	
152	54.4	43.1	64.7	





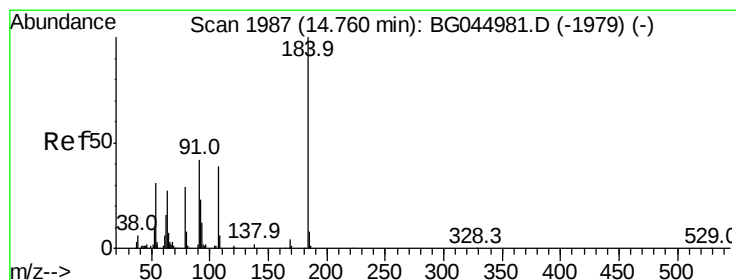
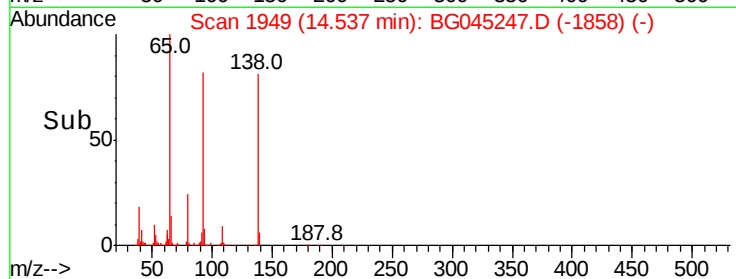
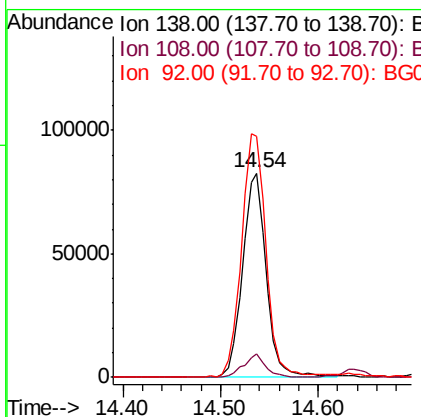
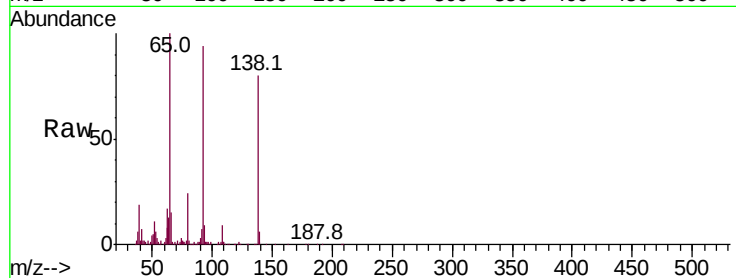
#53
3-Nitroaniline
Concen: 27.798 ng
RT: 14.54 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.7	7.8	11.8	
92	118.3	94.5	141.7	

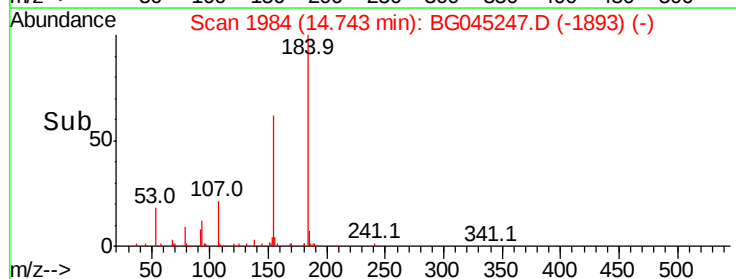
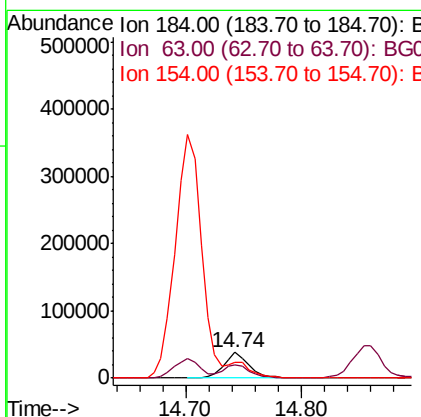
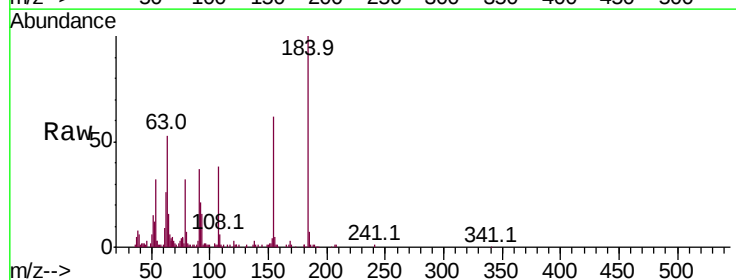
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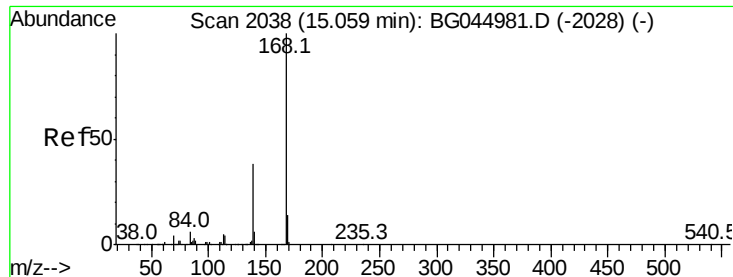
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#54
2,4-Dinitrophenol
Concen: 21.398 ng
RT: 14.74 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.9	41.5	62.3	
154	62.1	52.3	78.5	





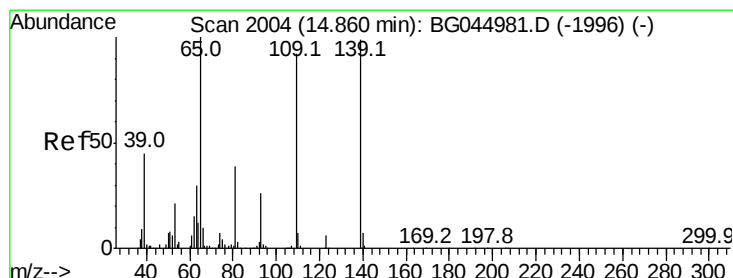
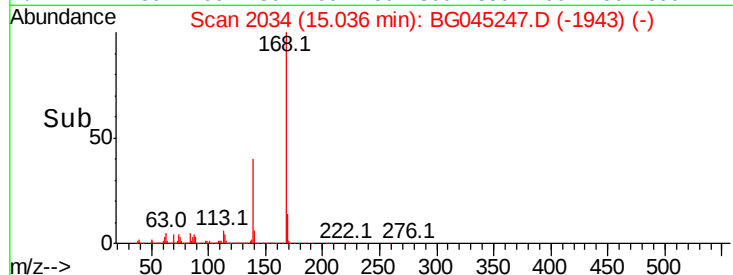
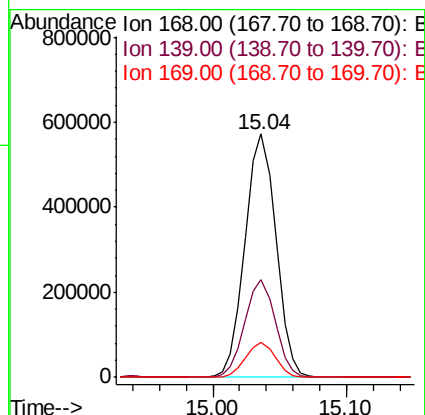
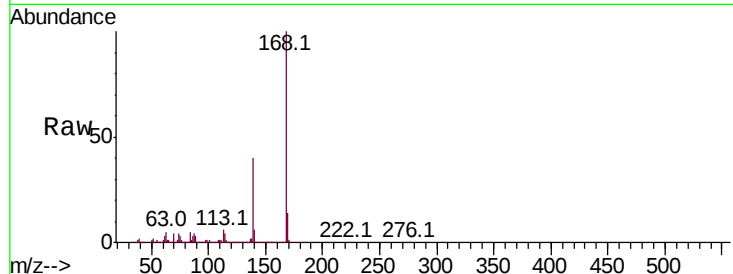
#55
Dibenzofuran
Concen: 39.023 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.2	30.4	45.6	
169	14.1	11.0	16.4	

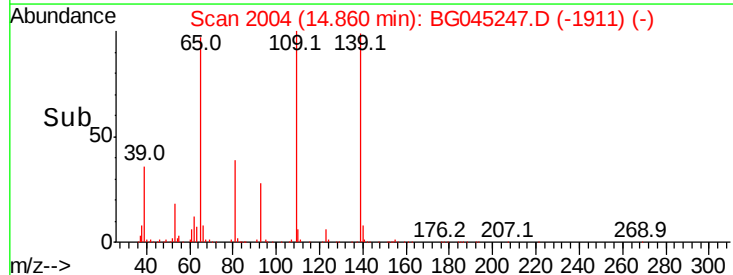
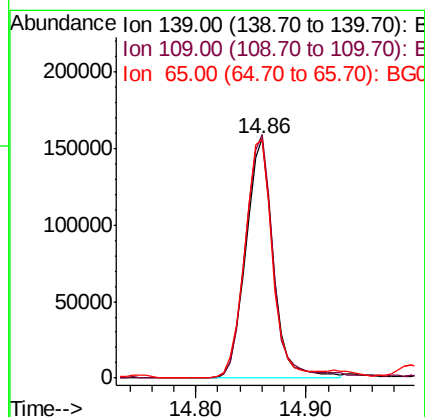
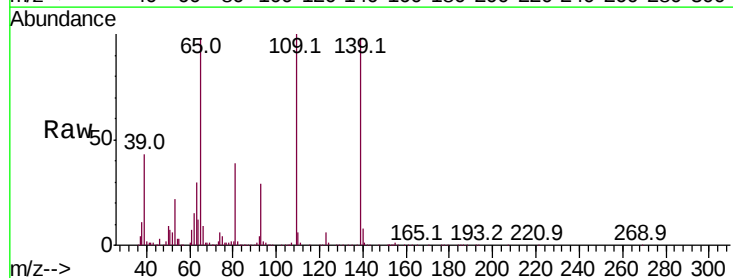
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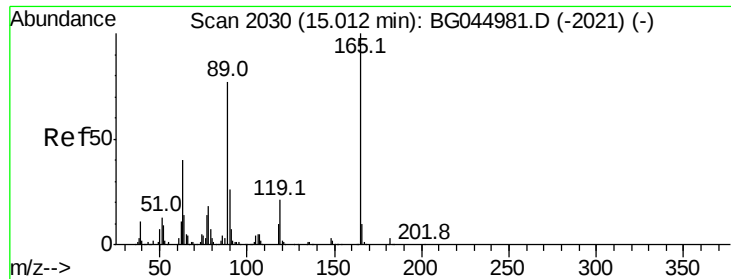
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#56
4-Nitrophenol
Concen: 70.036 ng
RT: 14.86 min Scan# 2004
Delta R.T. 0.02 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.8	73.6	113.6	
65	99.8	81.2	121.2	





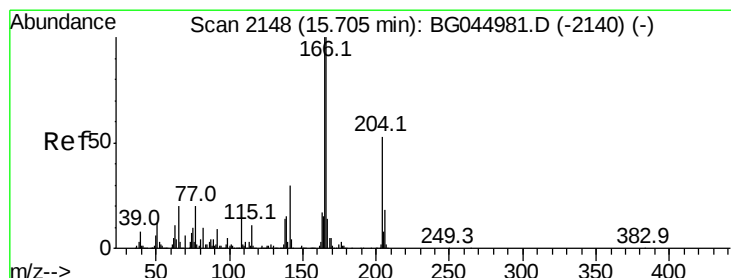
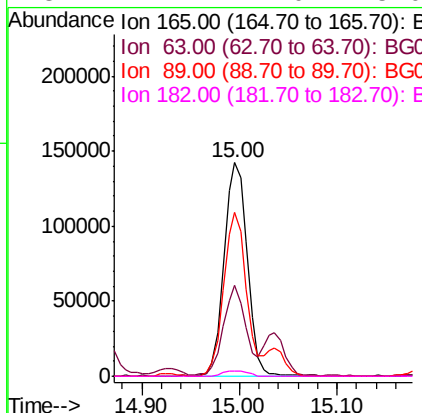
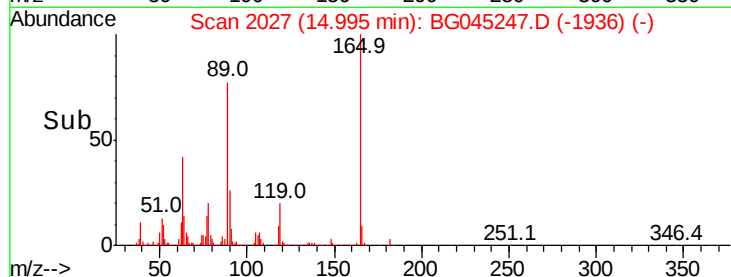
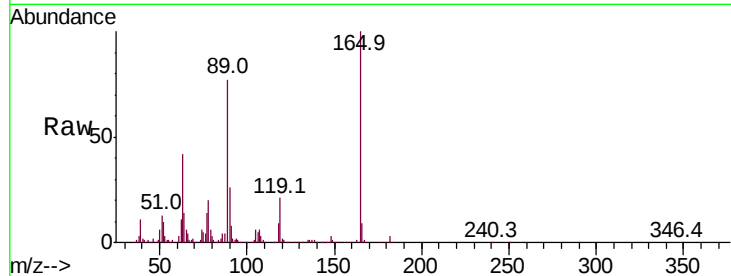
#57
2,4-Dinitrotoluene
Concen: 34.524 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.4	32.2	48.2	
89	76.8	61.7	92.5	
182	2.7	2.0	3.0	

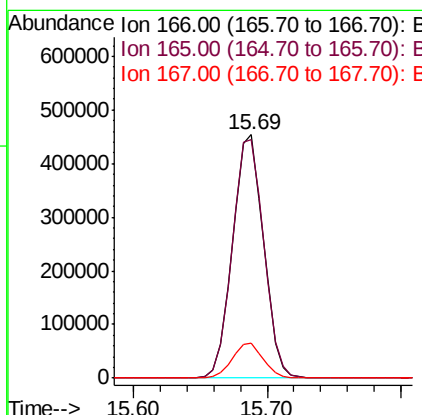
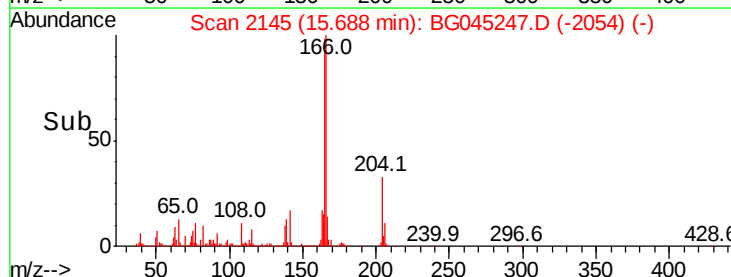
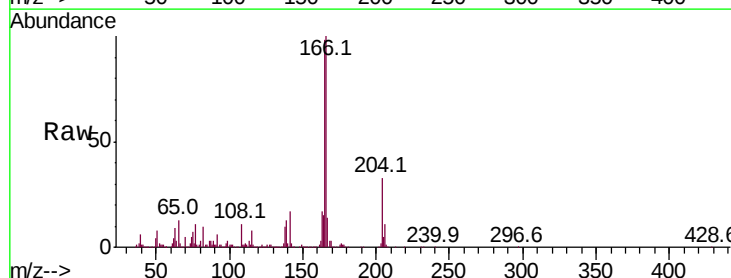
Manual Integrations
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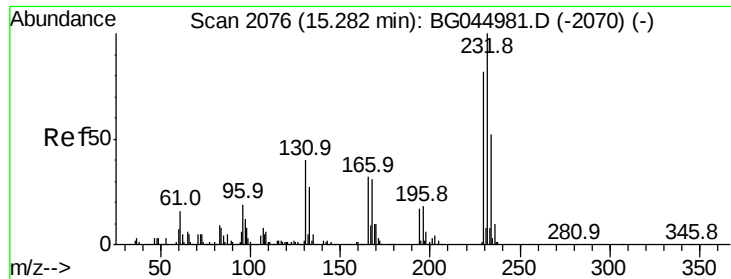
mohammad
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#58
Fluorene
Concen: 37.910 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	79.9	119.9	
167	14.4	11.4	17.0	





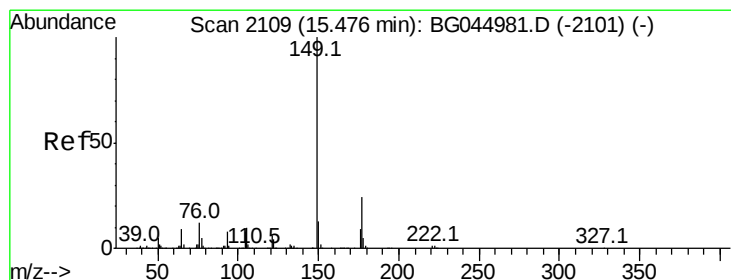
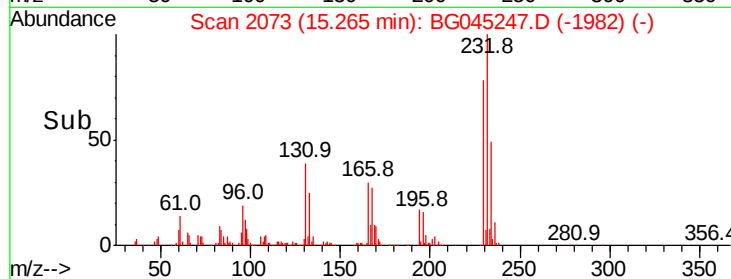
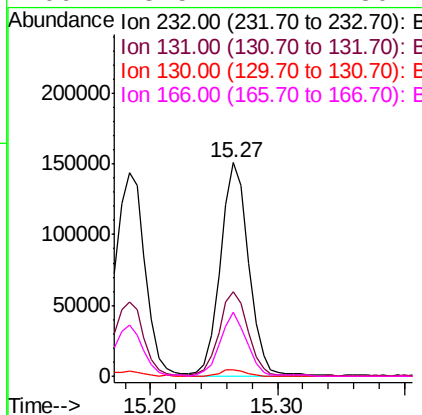
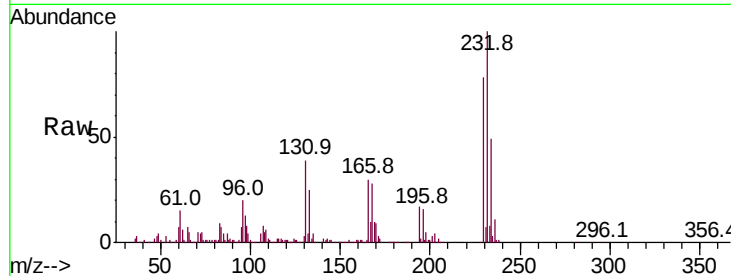
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.057 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	232661		
131	40.5	32.2	48.2	
130	3.1	2.2	3.2	
166	28.5	24.2	36.4	

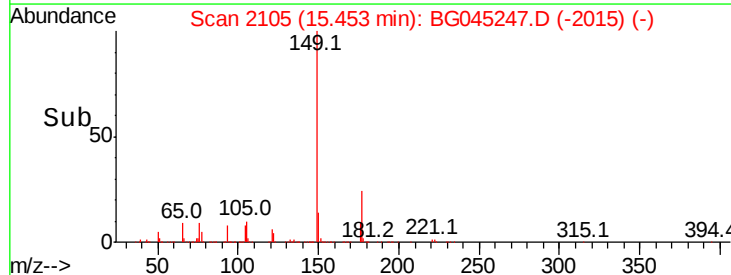
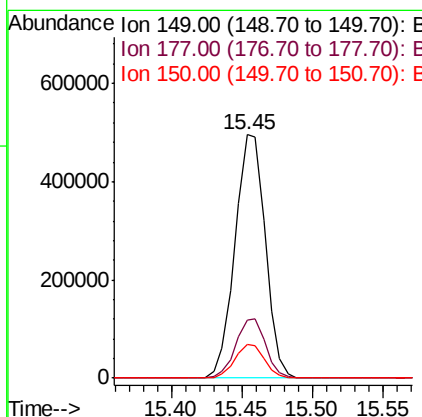
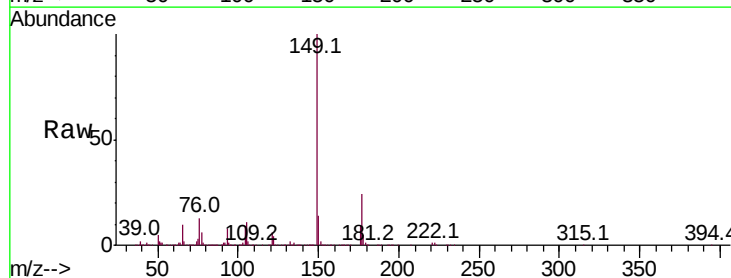
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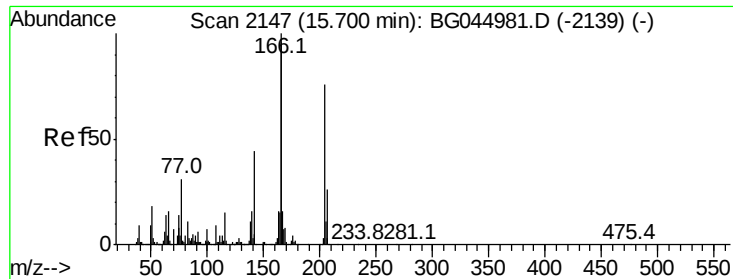
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#60
 Diethylphthalate
 Concen: 34.688 ng
 RT: 15.45 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	743187		
177	23.7	18.9	28.3	
150	13.7	10.6	15.8	





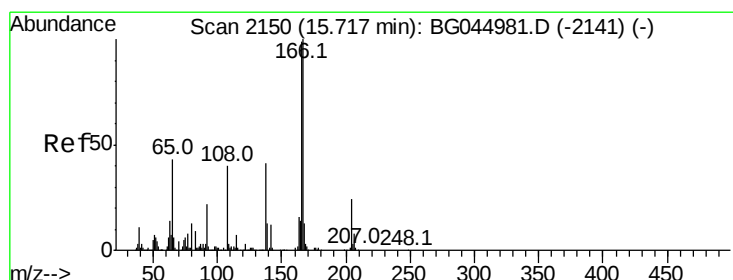
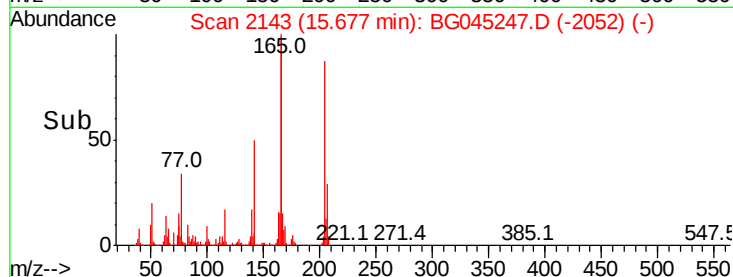
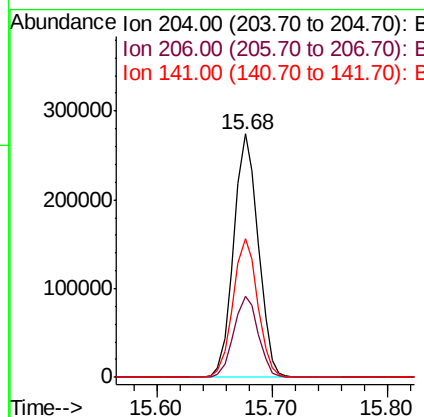
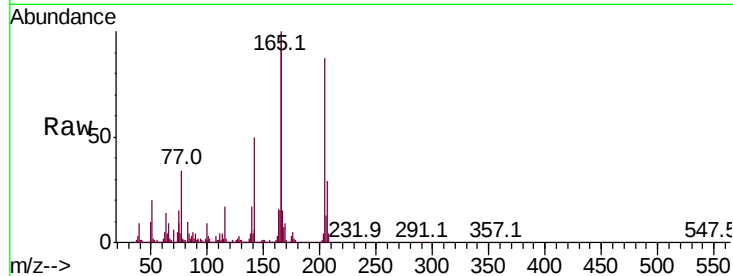
#61
4-Chlorophenyl-phenylether
Concen: 36.500 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.9	40.3
141	57.1	46.3	69.5

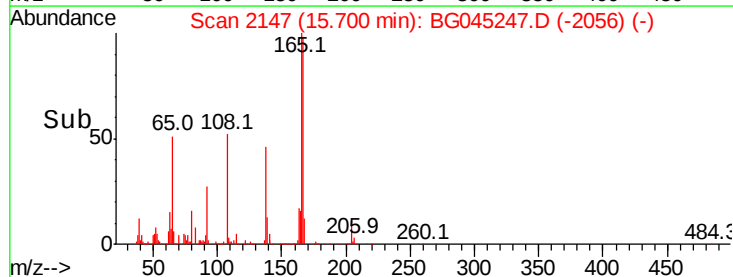
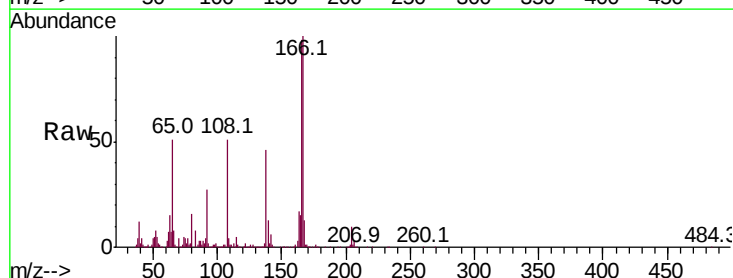
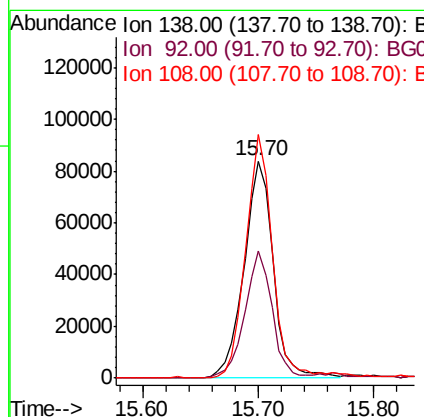
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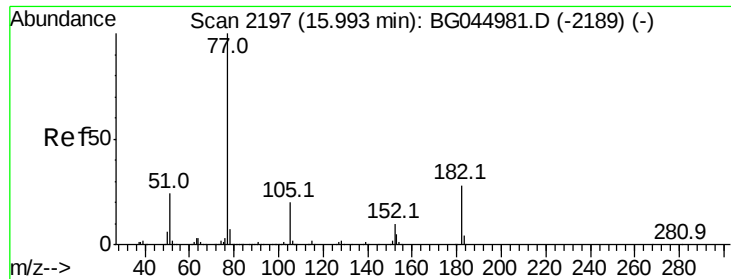
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#62
4-Nitroaniline
Concen: 28.258 ng
RT: 15.70 min Scan# 2147
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.8	33.6	73.6
108	112.1	78.2	118.2





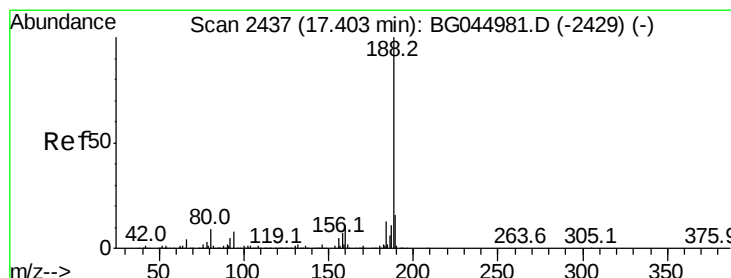
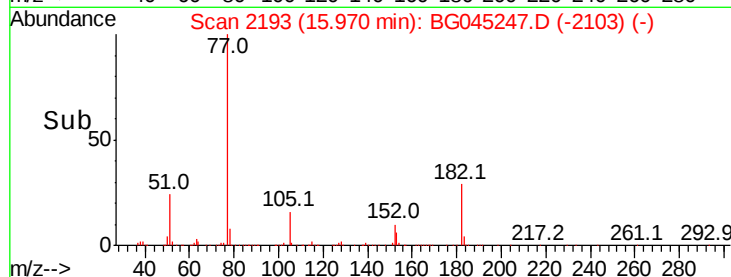
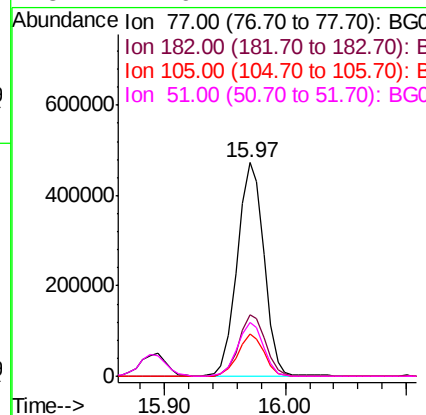
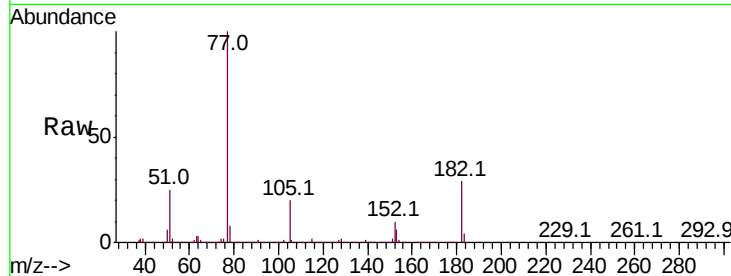
#63
Azobenzene
Concen: 36.724 ng
RT: 15.97 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.5	8.4	48.4		
105	19.6	0.5	40.5		
51	24.9	4.4	44.4		

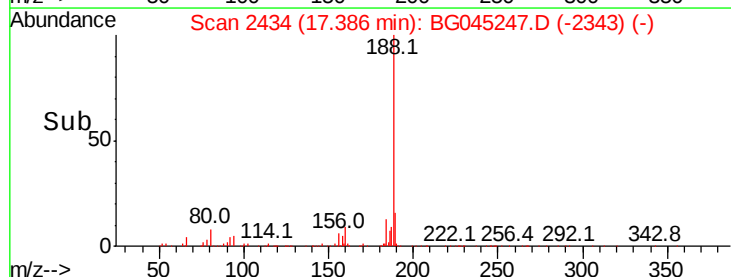
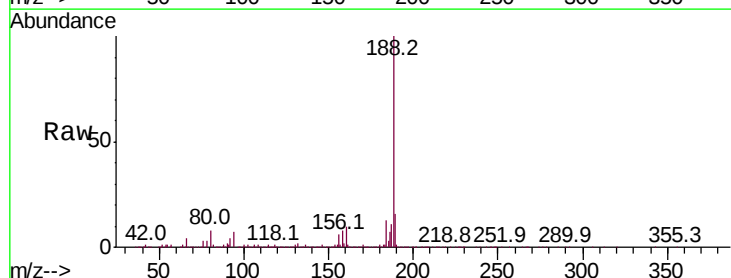
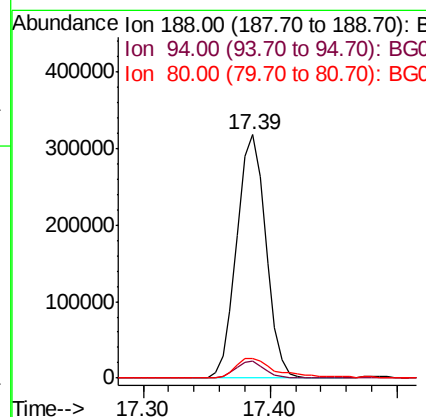
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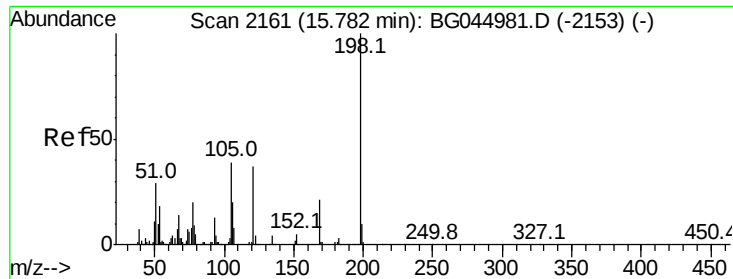
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.9	6.2	9.4		
80	8.2	7.0	10.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 14.159 ng

RT: 15.76 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

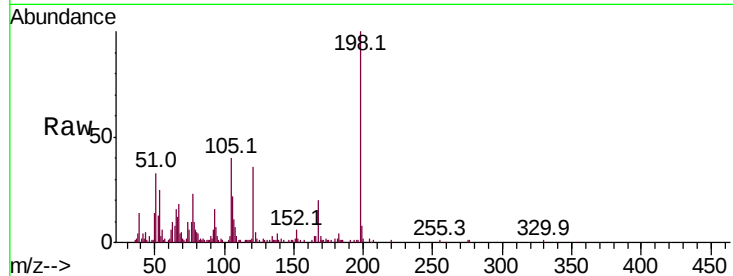
ClientSampleId :

FK-SF-03-009-AMSD

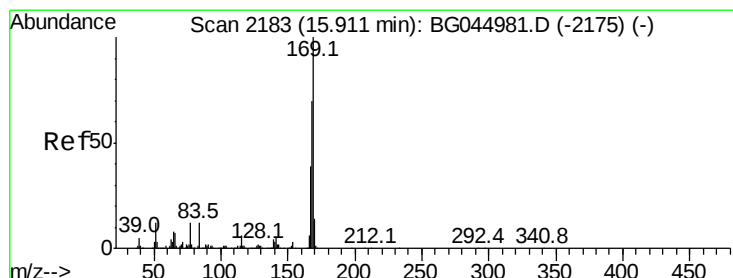
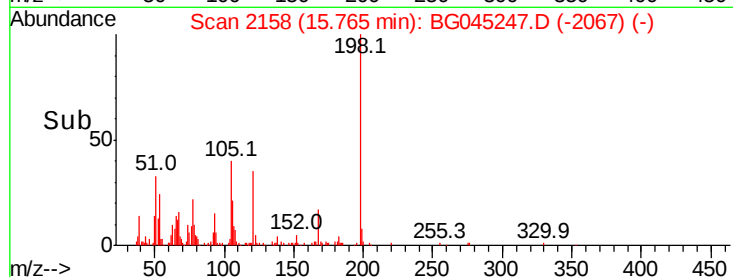
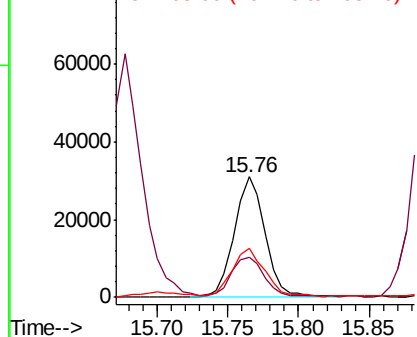
Tot Ion:	198	Resp:	47150
Ion Ratio	Lower	Upper	
198	100		
51	33.1	10.0	50.0
105	40.5	18.9	58.9

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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: 44.213 ng

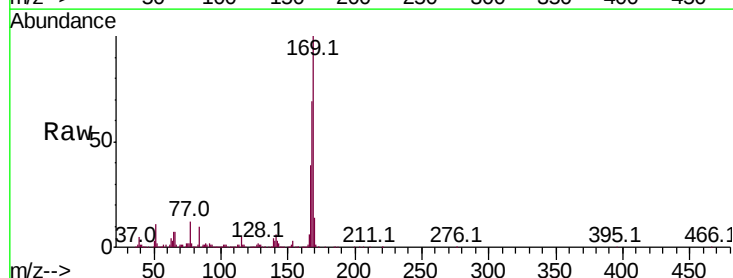
RT: 15.89 min Scan# 2180

Delta R.T. 0.01 min

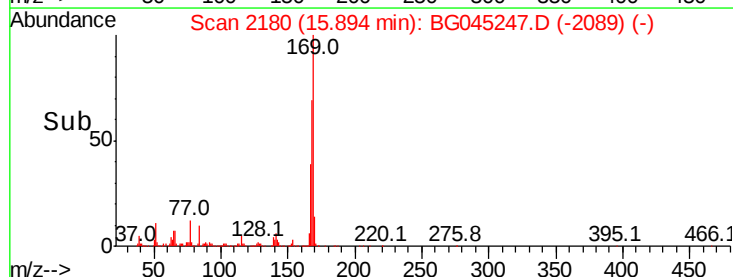
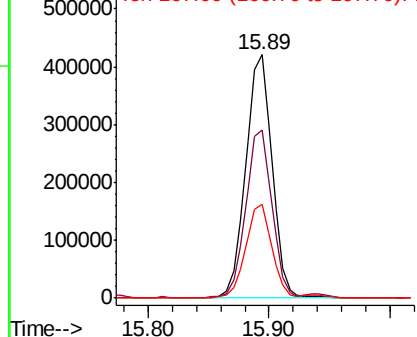
Lab File: BG045247.D

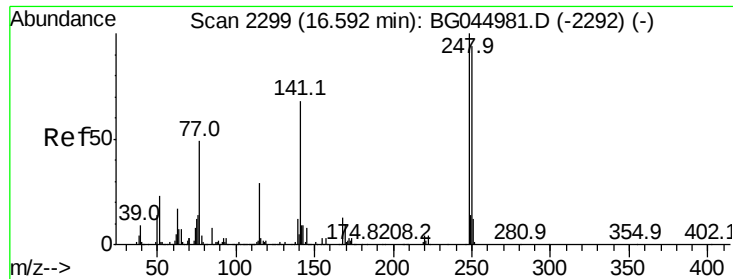
Acq: 4 May 2020 23:55

Tgt Ion:	169	Resp:	643571
Ion Ratio	Lower	Upper	
169	100		
168	69.1	55.8	83.8
167	38.6	30.8	46.2



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





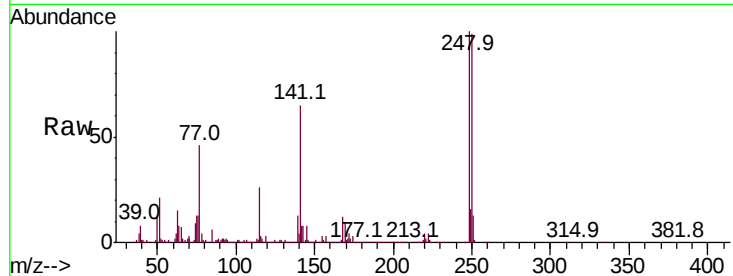
#67
4-Bromophenyl-phenylether
Concen: 40.524 ng
RT: 16.58 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

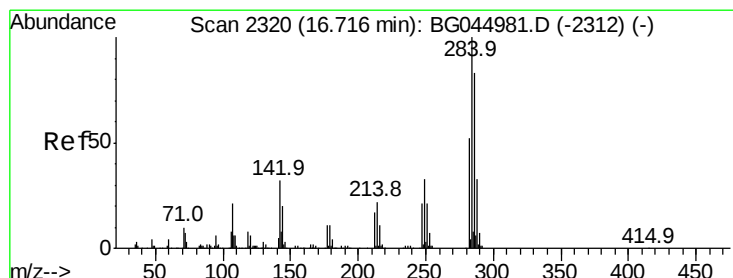
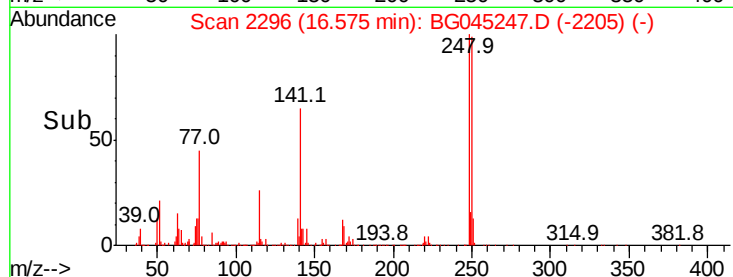
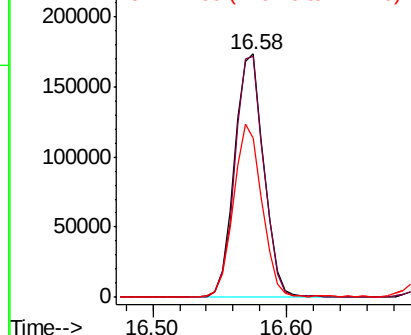
Tot Ion:	248	Resp:	264854
Ion Ratio	Lower	Upper	
248	100		
250	98.9	75.4	113.2
141	65.4	54.4	81.6

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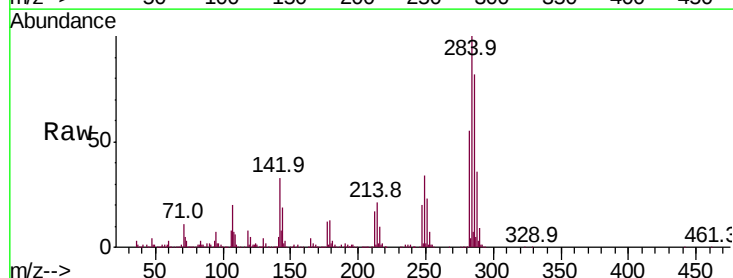


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

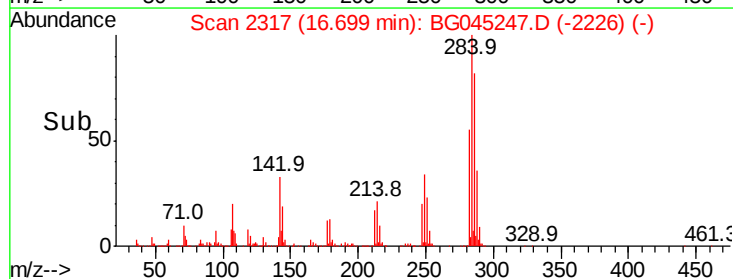
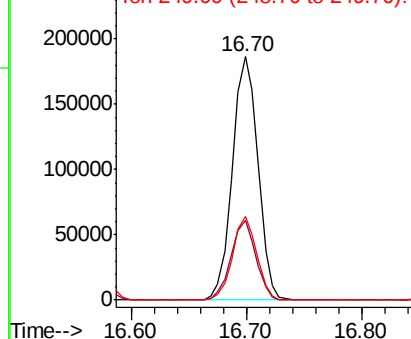


#68
Hexachlorobenzene
Concen: 42.028 ng
RT: 16.70 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion:	284	Resp:	284881
Ion Ratio	Lower	Upper	
284	100		
142	32.8	25.8	38.6
249	34.5	26.6	39.8



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





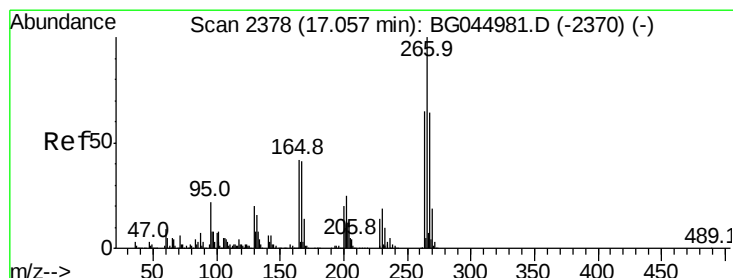
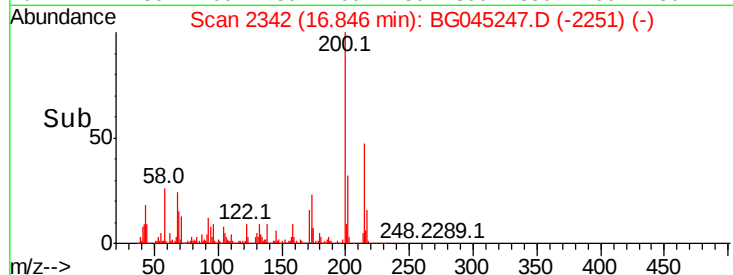
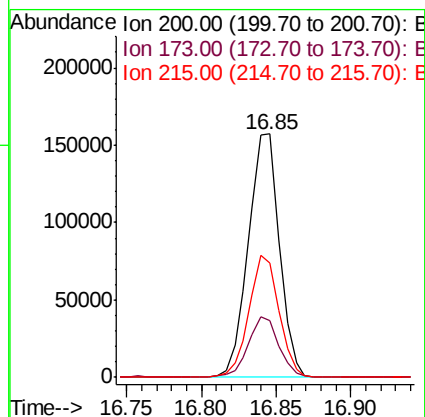
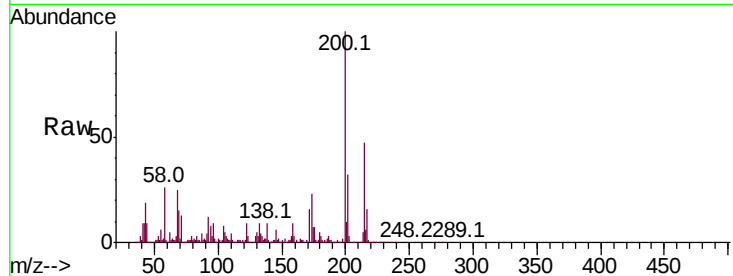
#69
Atrazine
Concen: 42.359 ng
RT: 16.85 min Scan# 2342
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	226379		
173	23.3		4.5	44.5
215	46.9		30.0	70.0

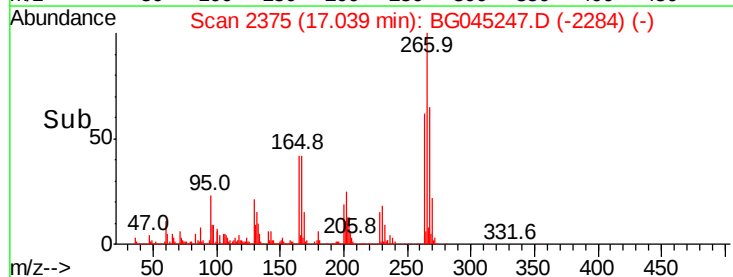
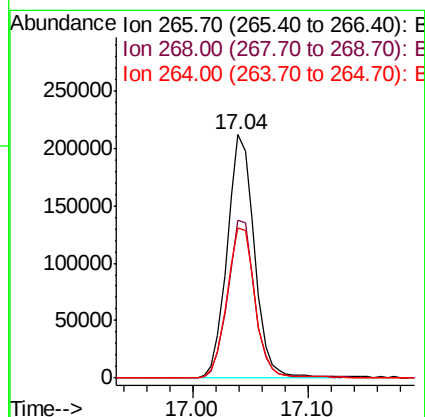
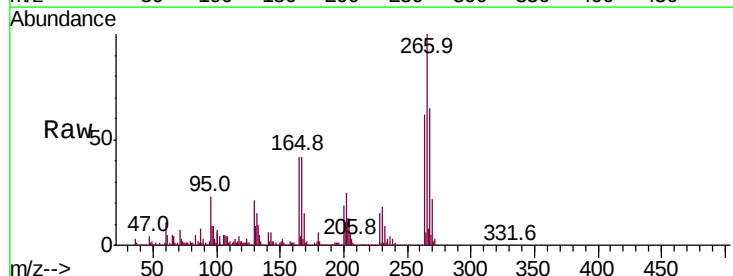
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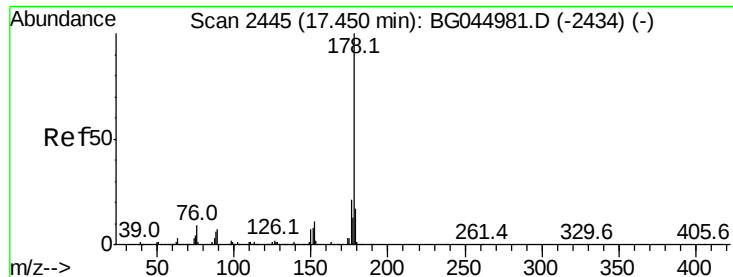
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#70
Pentachlorophenol
Concen: 83.522 ng
RT: 17.04 min Scan# 2375
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	347305		
268	64.9		51.5	77.3
264	61.6		52.2	78.4





#71

Phenanthrene

Concen: 52.176 ng

RT: 17.43 min Scan# 2441

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:178 Resp: 1358341

Ion Ratio Lower Upper

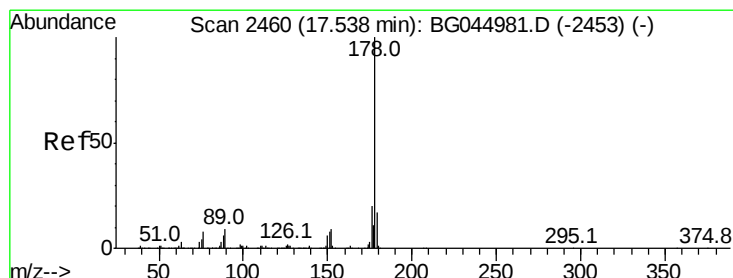
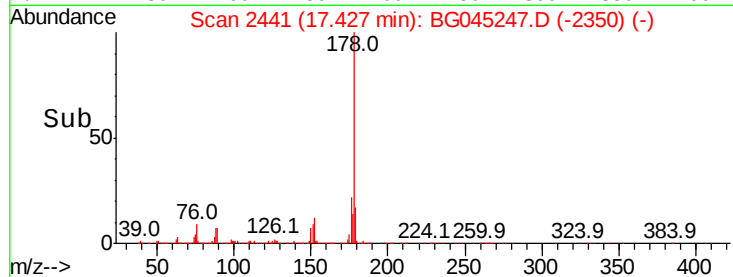
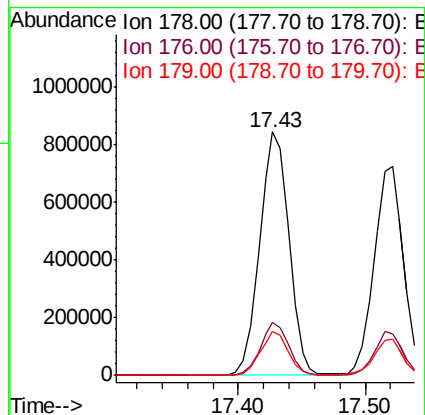
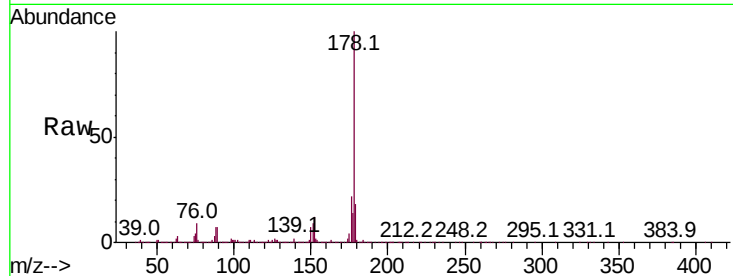
178 100

176 21.5 16.8 25.2

179 17.8 13.2 19.8

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#72

Anthracene

Concen: 44.696 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

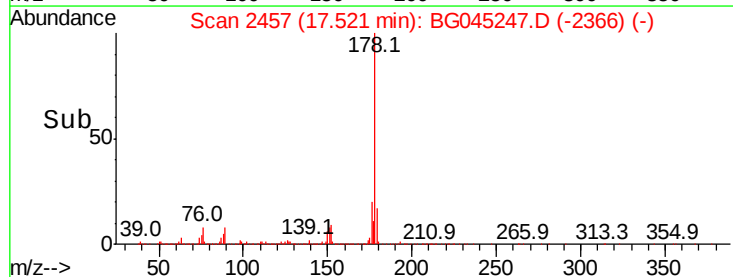
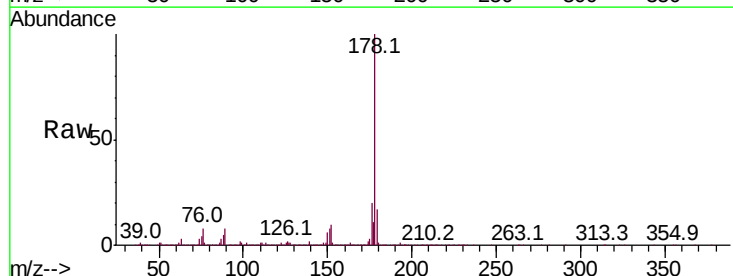
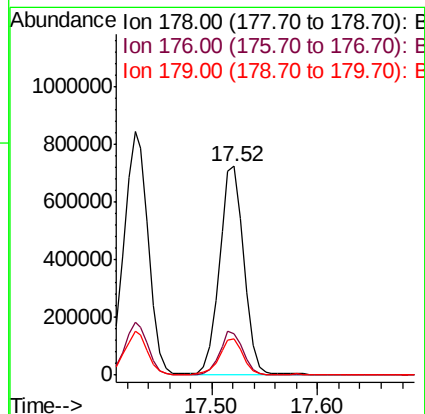
Tgt Ion:178 Resp: 1167220

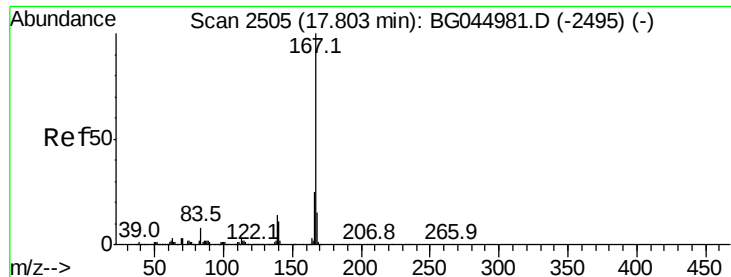
Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

179 17.2 13.6 20.4





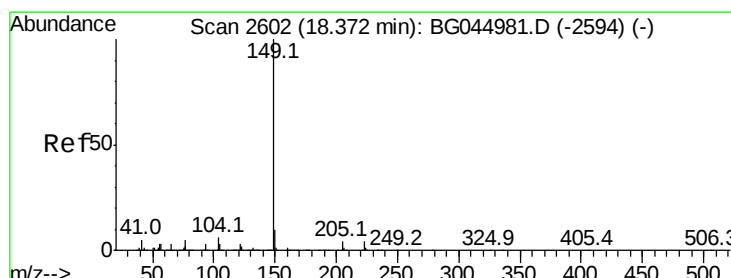
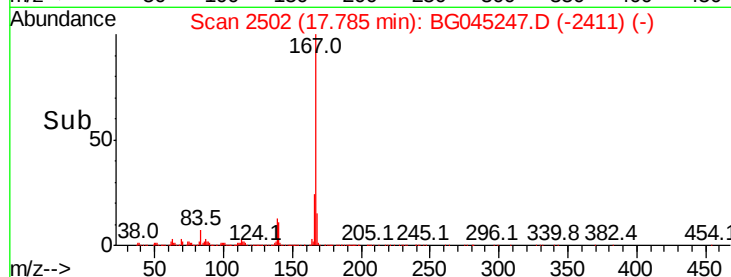
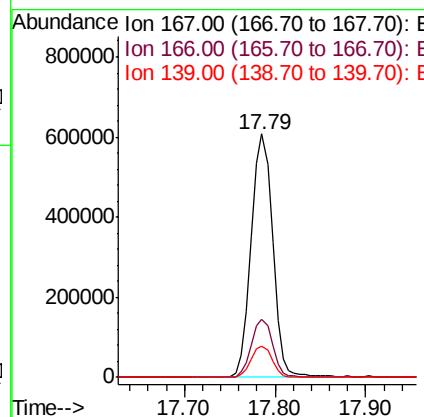
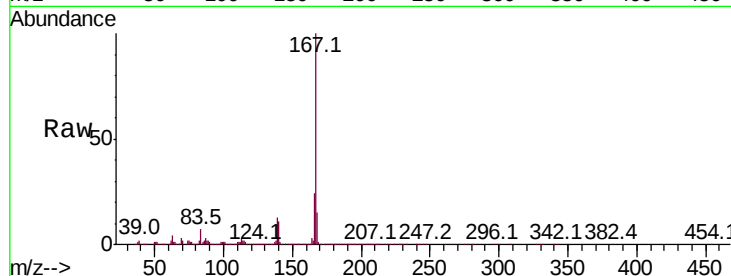
#73
 Carbazole
 Concen: 37.950 ng
 RT: 17.79 min Scan# 2502
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.8	29.6
139	12.7	10.9	16.3

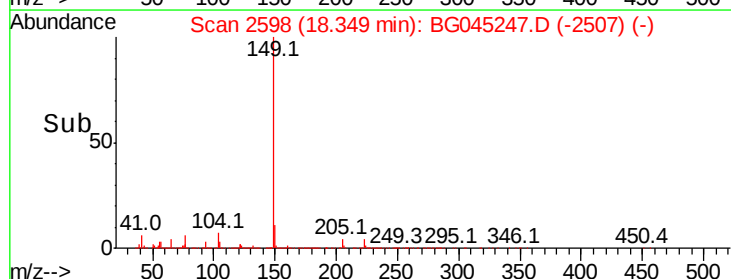
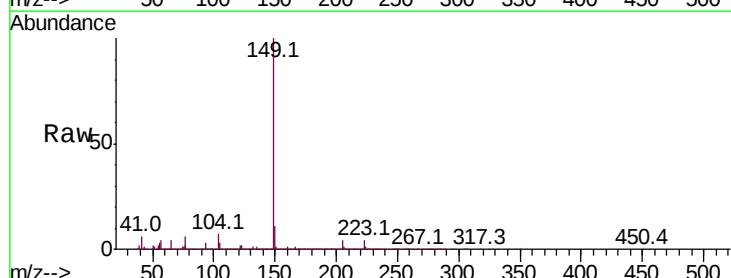
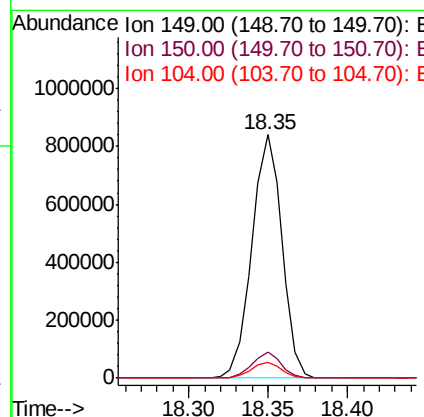
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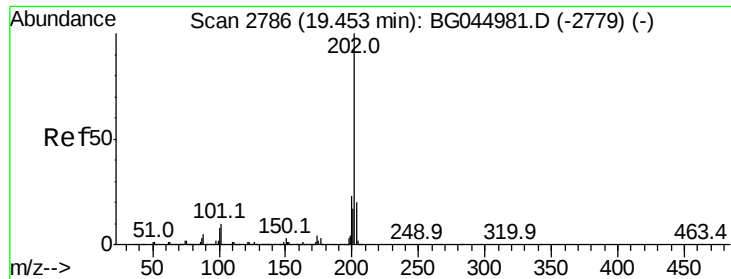
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#74
 Di-n-butylphthalate
 Concen: 37.257 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.2	12.2
104	6.7	4.8	7.2





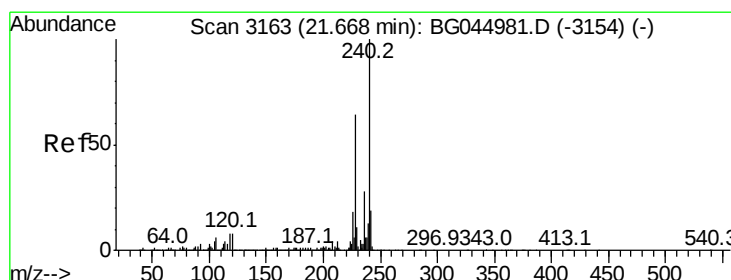
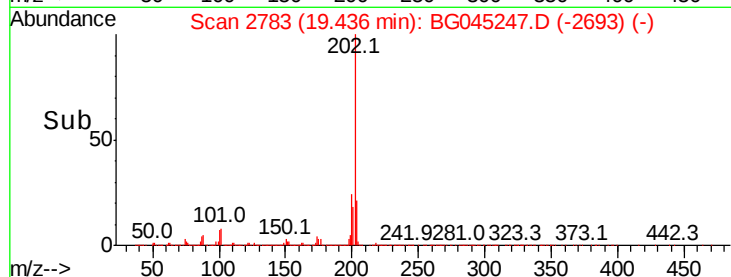
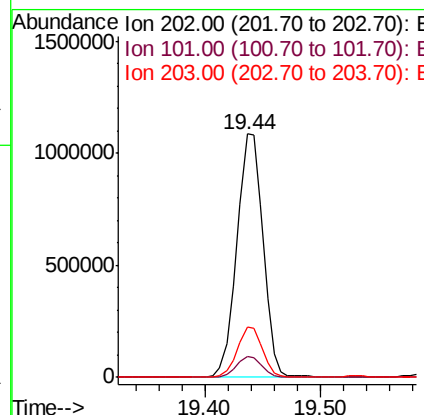
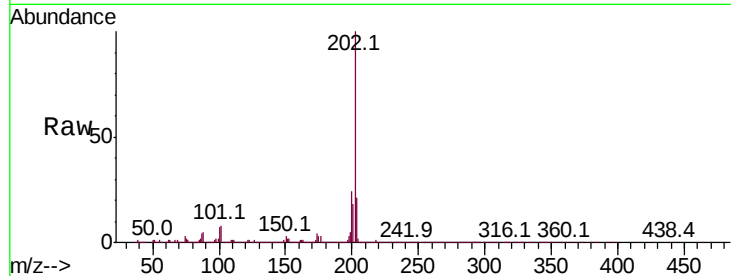
#75
 Fluoranthene
 Concen: 57.325 ng
 RT: 19.44 min Scan# 2783
 Delta R.T. 0.00 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-03-009-AMSD

Tot Ion:	202	Resp:	1702407
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.6
203	20.6	0.0	39.7

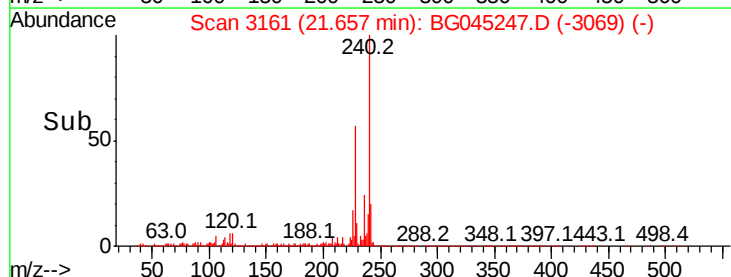
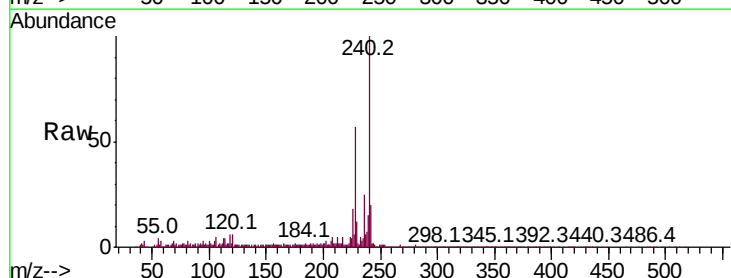
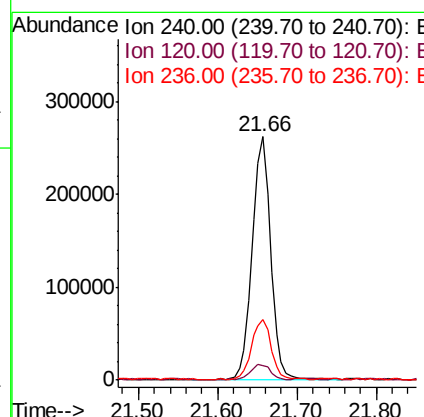
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3161
 Delta R.T. 0.01 min
 Lab File: BG045247.D
 Acq: 4 May 2020 23:55

Tgt Ion:	240	Resp:	424095
Ion Ratio	Lower	Upper	
240	100		
120	6.2	6.6	10.0#
236	25.0	22.2	33.2





#77

Benzidine

Concen: 39.620 ng

RT: 19.61 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

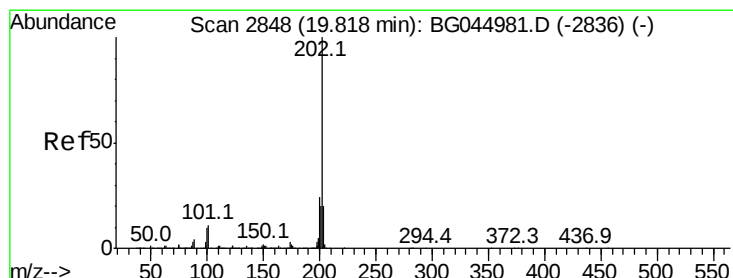
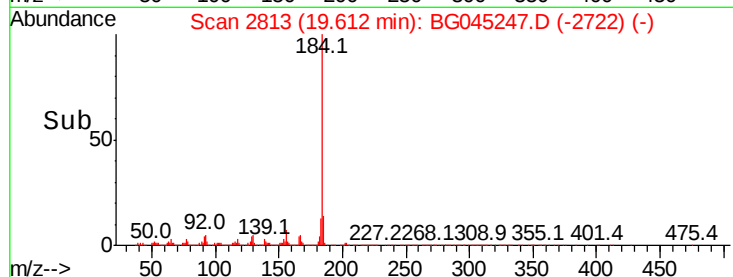
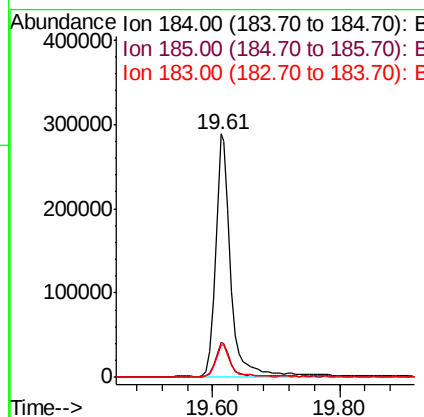
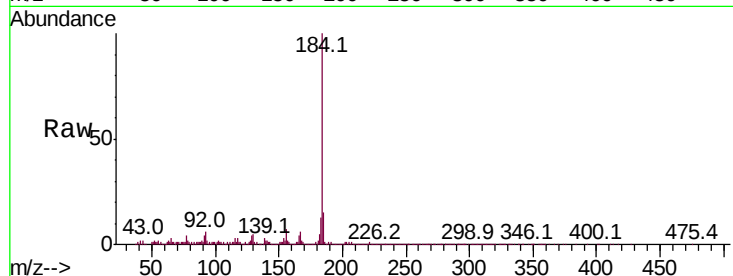
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	184	Resp:	495419
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	19.0
183	13.5	11.3	16.9

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#78

Pyrene

Concen: 55.044 ng

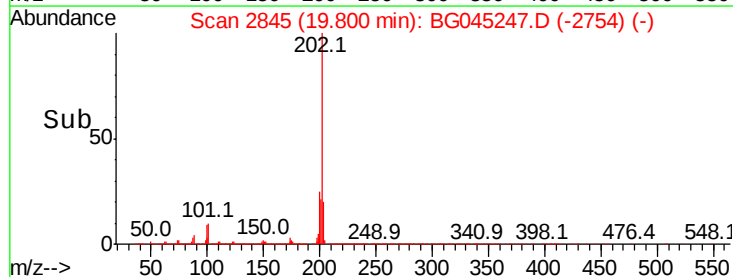
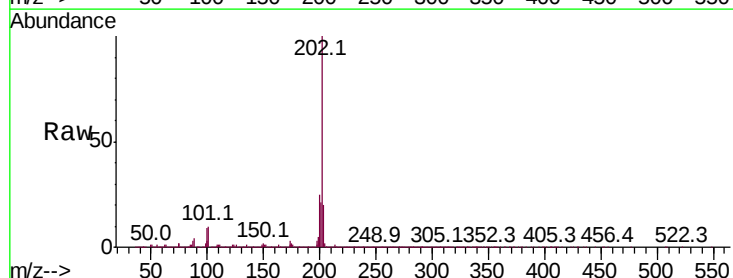
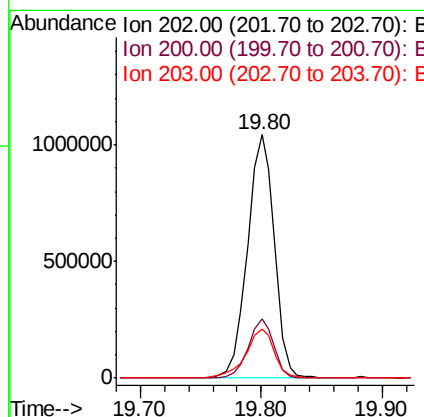
RT: 19.80 min Scan# 2845

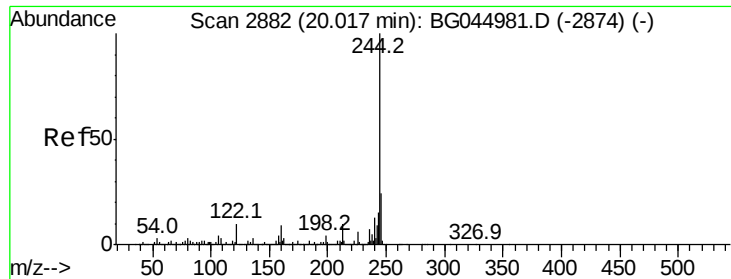
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	202	Resp:	1609338
Ion Ratio	Lower	Upper	
202	100		
200	24.5	19.0	28.6
203	20.3	16.1	24.1





#79

Terphenyl-d14

Concen: 91.926 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:244 Resp: 1788679

Ion Ratio Lower Upper

244 100

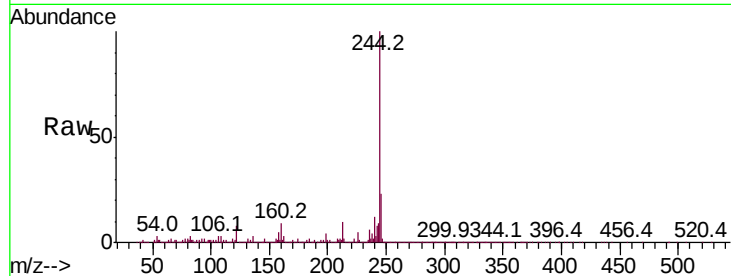
212 9.9 7.9 11.9

122 8.4 7.7 11.5

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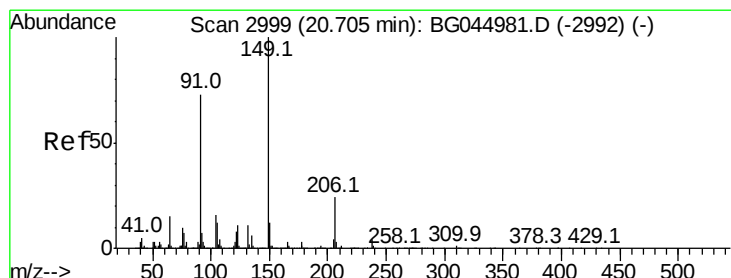
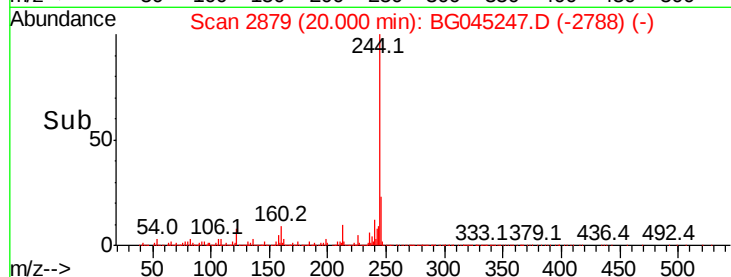
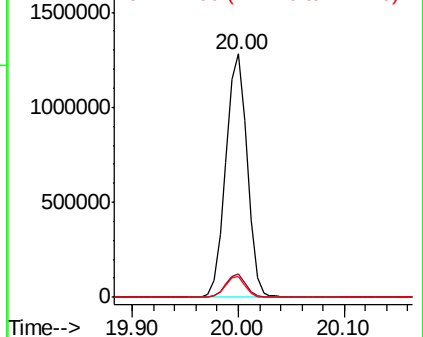
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.949 ng

RT: 20.69 min Scan# 2996

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

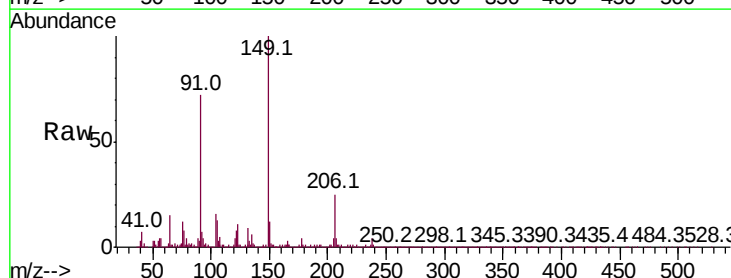
Tgt Ion:149 Resp: 459907

Ion Ratio Lower Upper

149 100

91 72.0 58.5 87.7

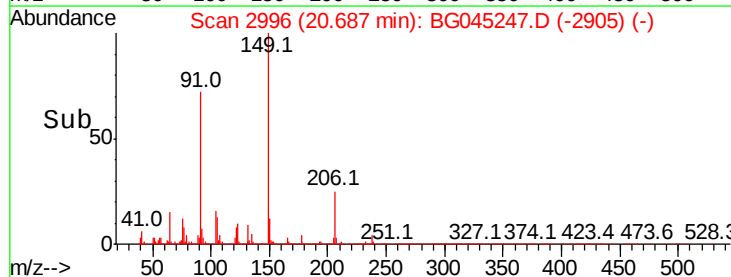
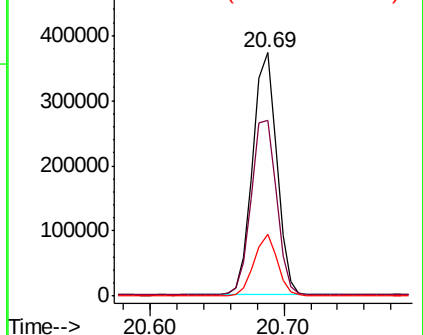
206 25.2 19.2 28.8

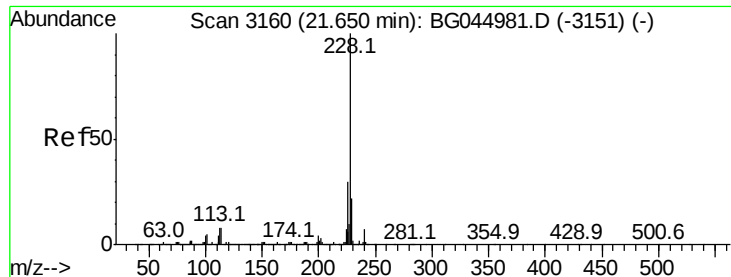


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 51.351 ng

RT: 21.64 min Scan# 3158

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

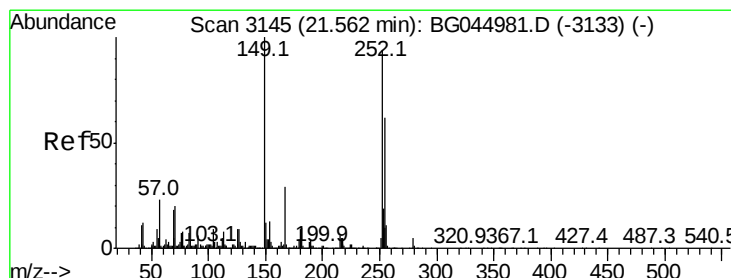
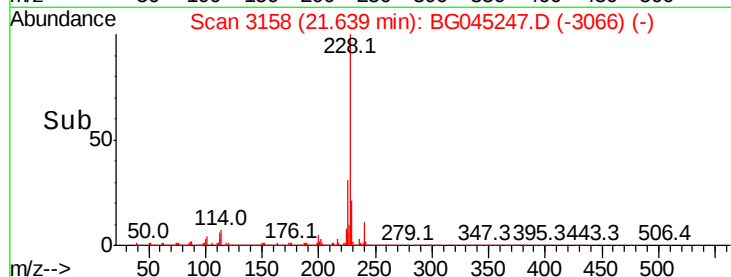
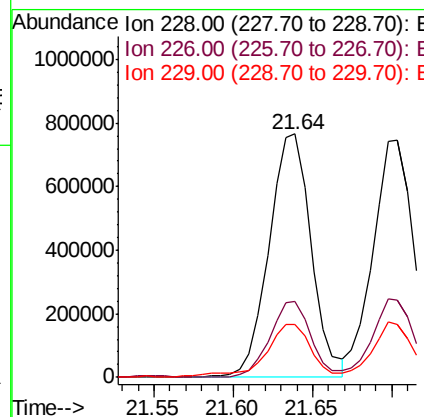
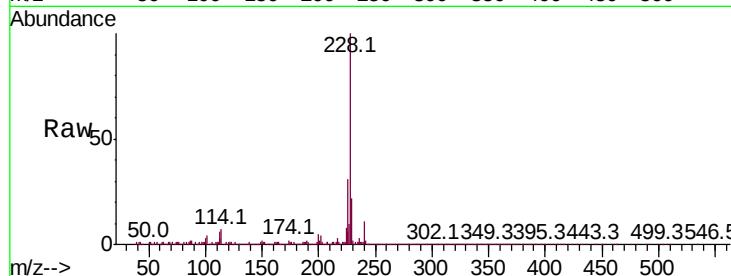
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	228	Resp:	1411502
Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.0	36.0
229	21.7	17.5	26.3

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#82

3,3'-Dichlorobenzidine

Concen: 34.988 ng

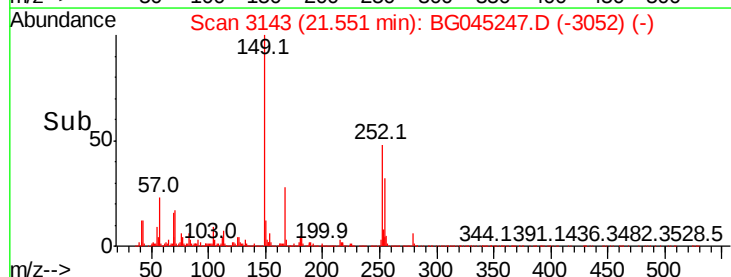
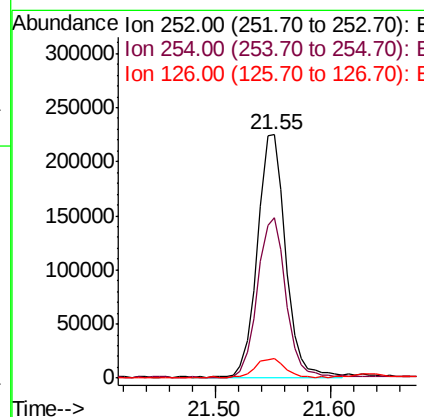
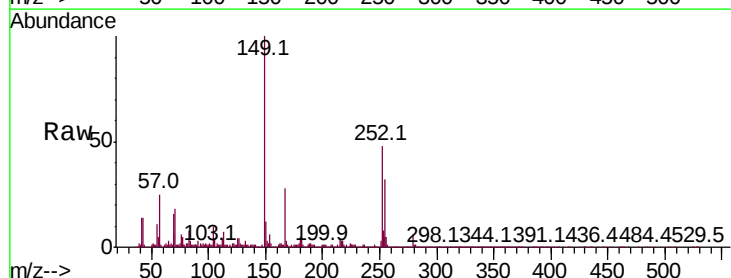
RT: 21.55 min Scan# 3143

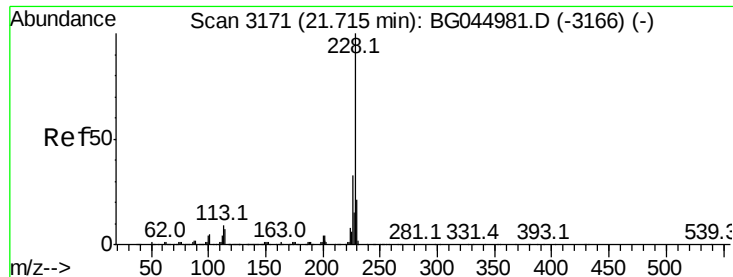
Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	252	Resp:	382786
Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	79.0
126	8.3	7.5	11.3





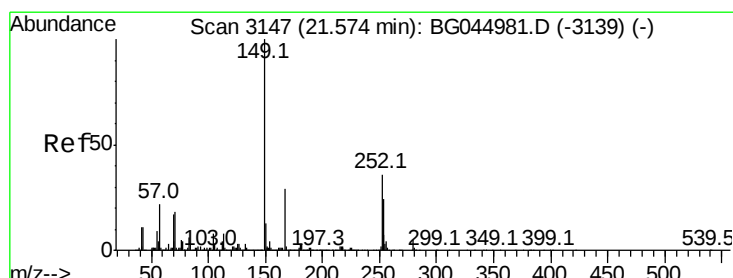
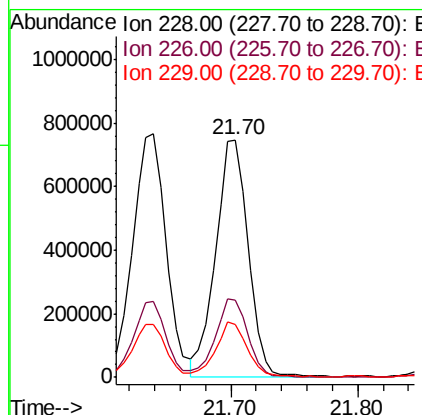
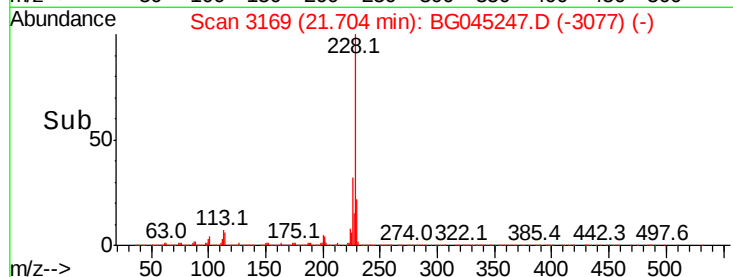
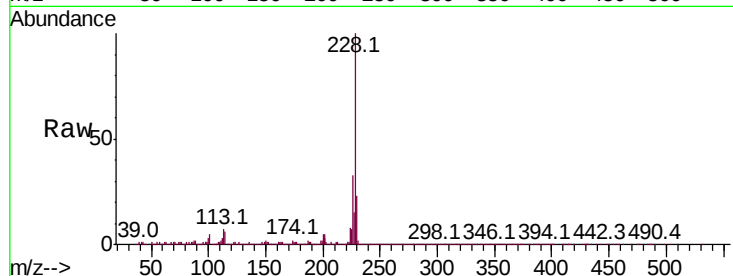
#83
Chrysene
Concen: 50.088 ng
RT: 21.70 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	26.2	39.4
229	22.5	17.0	25.6

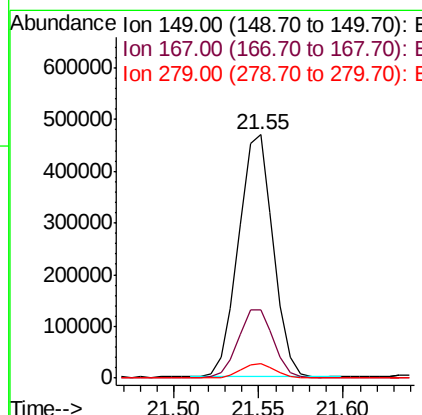
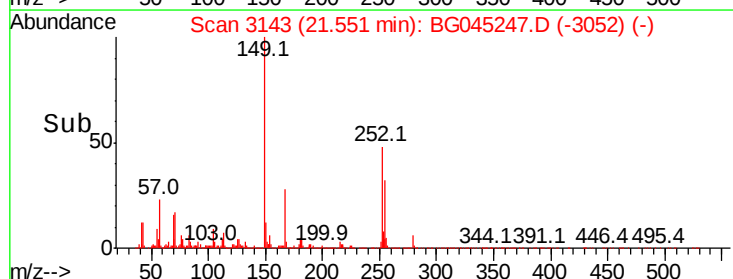
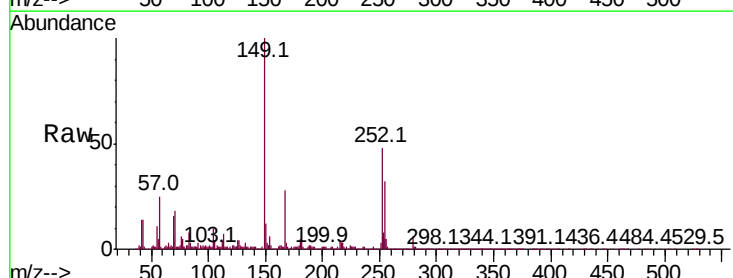
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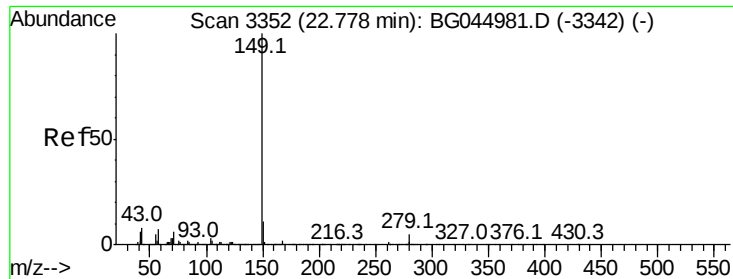
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.038 ng
RT: 21.55 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.7	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 37.858 ng

RT: 22.75 min Scan# 3347

Delta R.T. 0.01 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:149 Resp: 1091206

Ion Ratio Lower Upper

149 100

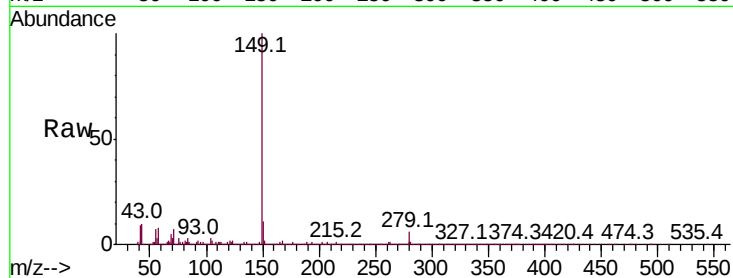
167 2.0 1.4 2.2

43 8.2 5.7 8.5

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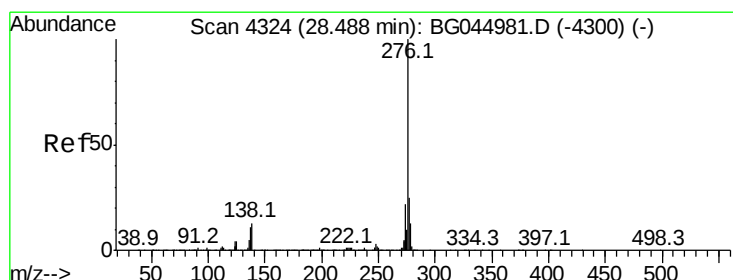
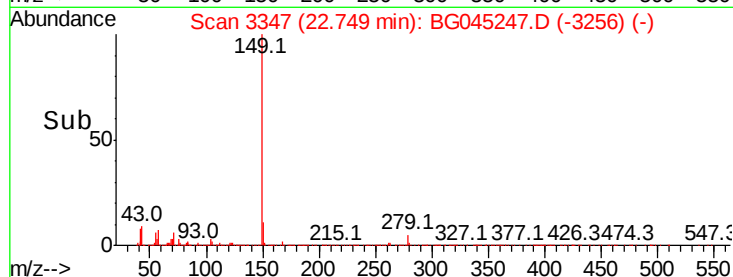
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.75

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.140 ng

RT: 28.48 min Scan# 4322

Delta R.T. 0.05 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

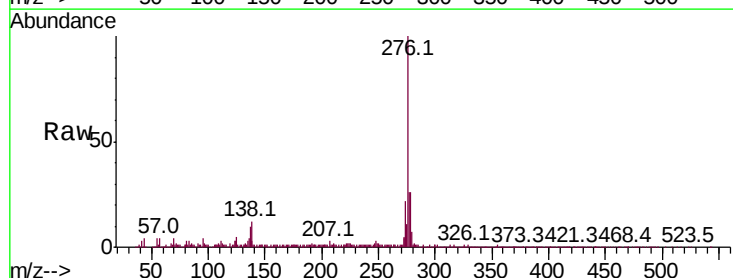
Tgt Ion:276 Resp: 1162027

Ion Ratio Lower Upper

276 100

138 7.2 9.6 14.4#

277 25.9 20.6 31.0



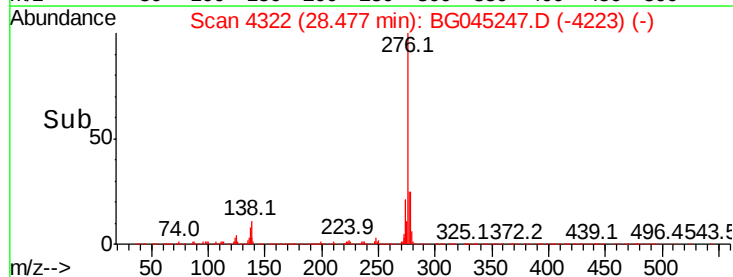
Abundance Ion 276.00 (275.70 to 276.70): E

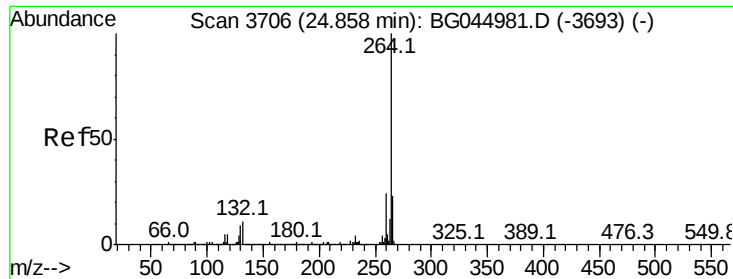
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.48

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Instrument :

BNA_G

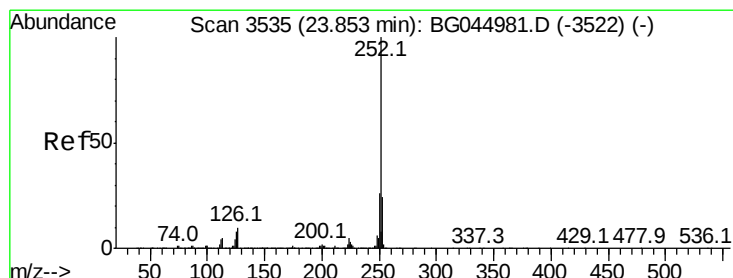
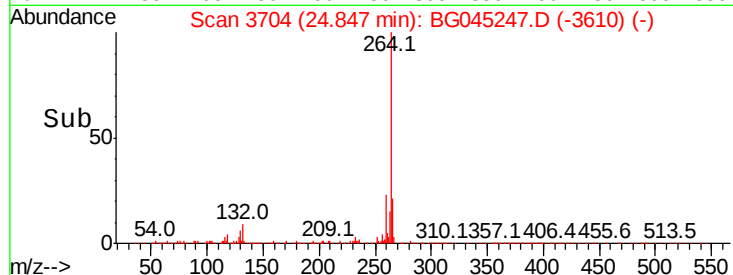
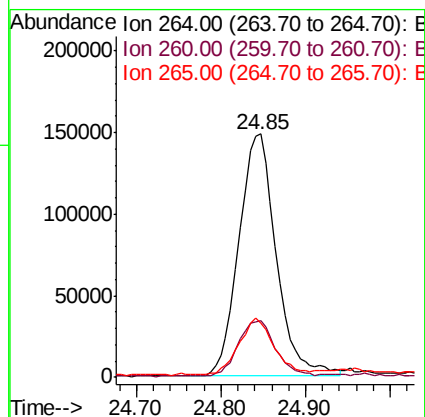
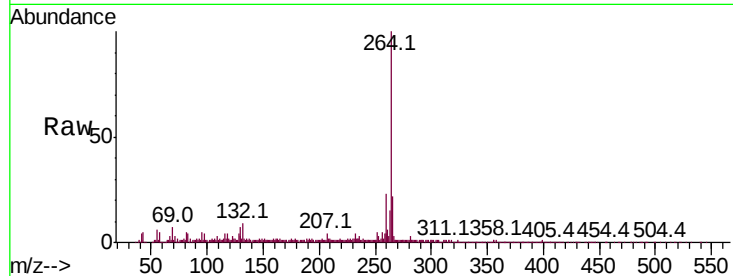
ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:	264	Resp:	455930
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	22.3	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 51.935 ng

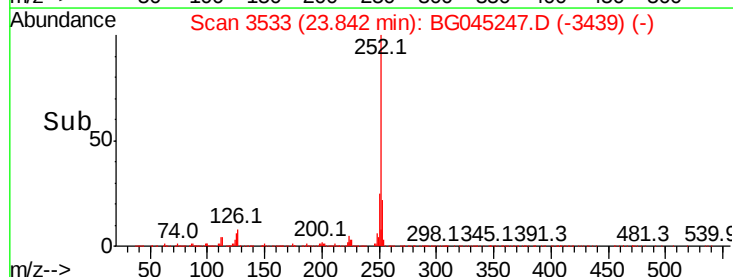
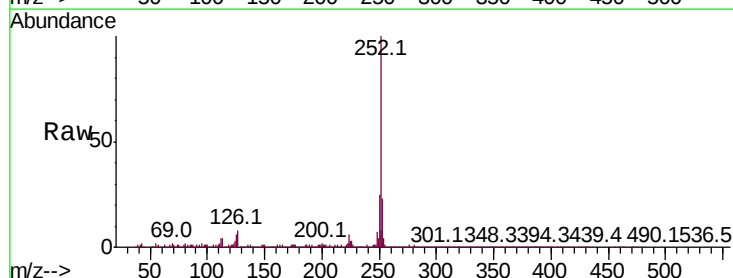
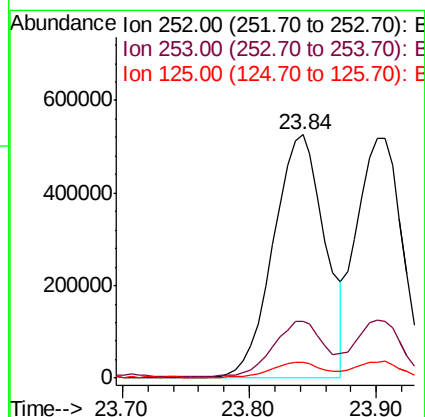
RT: 23.84 min Scan# 3533

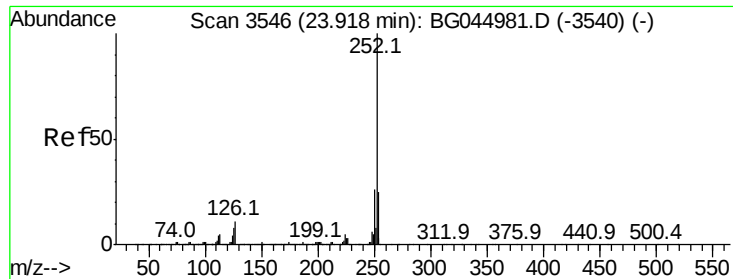
Delta R.T. 0.02 min

Lab File: BG045247.D

Acq: 4 May 2020 23:55

Tgt Ion:	252	Resp:	1483237
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.8	28.2
125	6.3	6.2	9.4





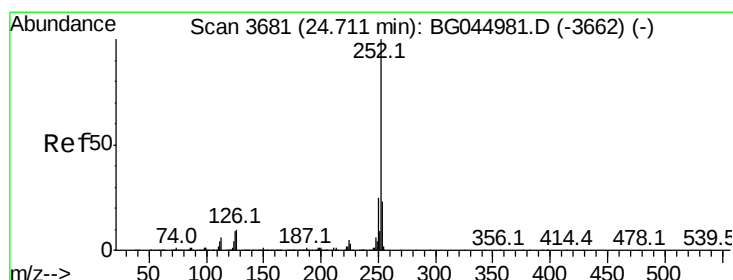
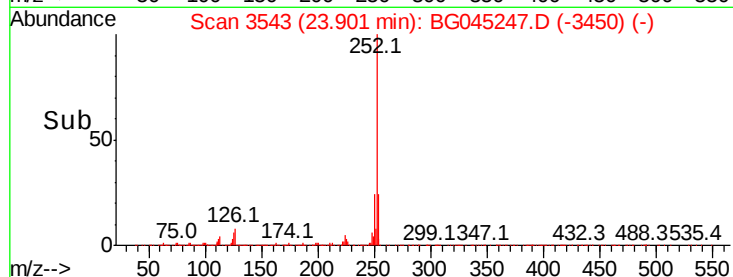
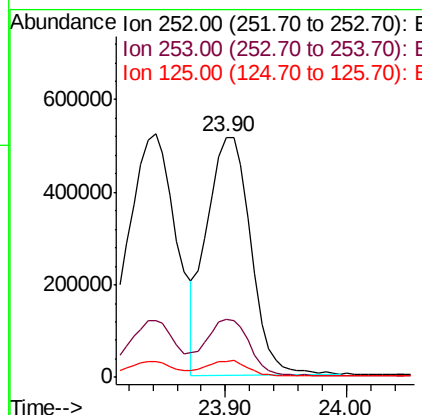
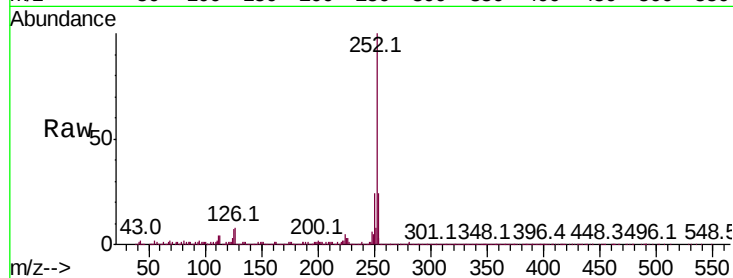
#89
Benzo(k)fluoranthene
Concen: 47.762 ng
RT: 23.90 min Scan# 3543
Delta R.T. 0.02 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	6.7	5.9	8.9

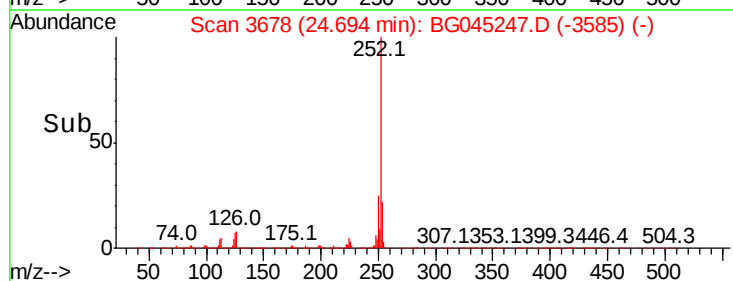
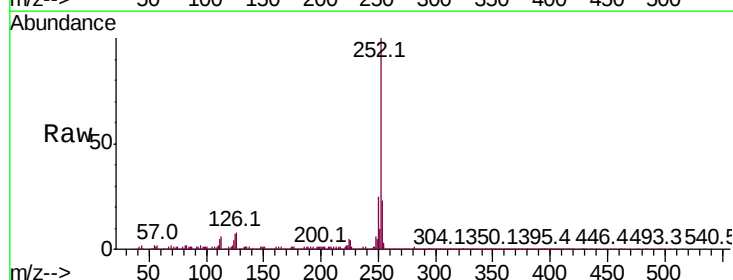
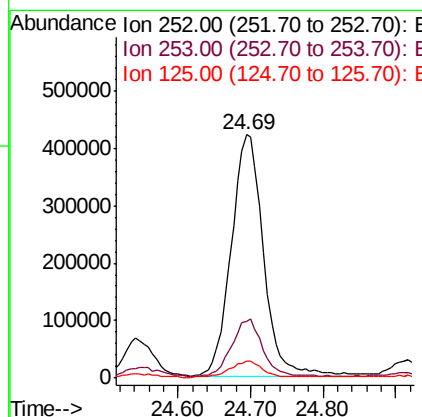
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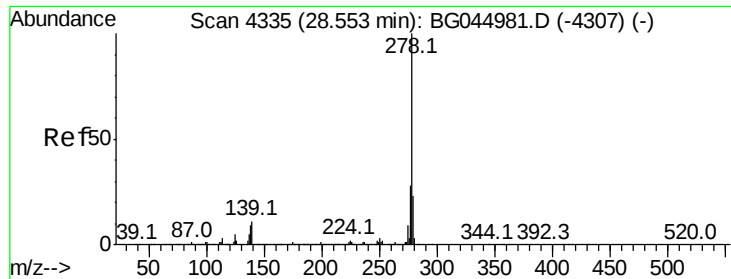
mohammad
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#90
Benzo(a)pyrene
Concen: 47.994 ng
RT: 24.69 min Scan# 3678
Delta R.T. 0.02 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	7.2	7.0	10.6





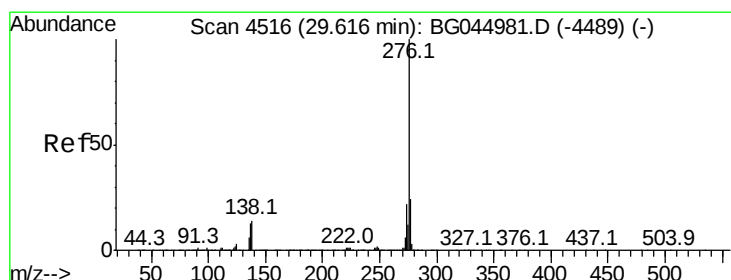
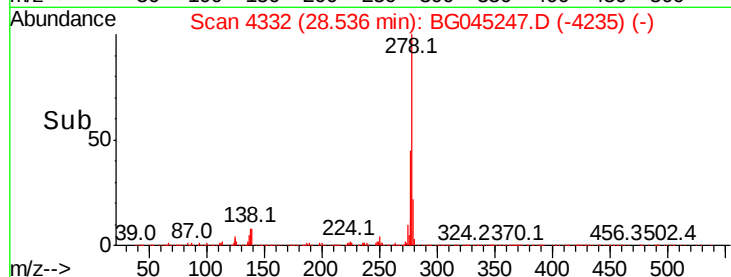
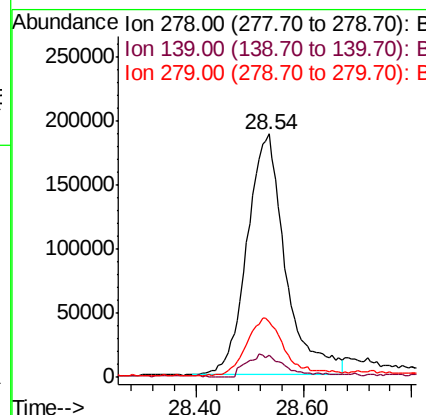
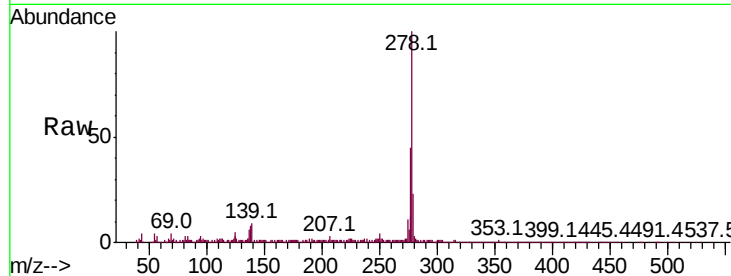
#91
Dibenzo(a,h)anthracene
Concen: 33.877 ng
RT: 28.54 min Scan# 4332
Delta R.T. 0.04 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Instrument :
BNA_G
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	9.0	13.6
279	22.6	18.4	27.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 31.731 ng
RT: 29.59 min Scan# 4512
Delta R.T. 0.04 min
Lab File: BG045247.D
Acq: 4 May 2020 23:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.3	28.9
138	11.5	11.4	17.2

