

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
 Data File : BG043257.D
 Acq On : 16 Oct 2019 22:49
 Operator : JU
 Sample : K5350-05MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Manual Integrations
 APPROVED

mohammad
 10/18/2019 8:26:09 AM

Quant Time: Oct 17 02:35:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:11:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54379	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	197359	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	138935	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	319887	20.00	ng	0.00
76) Chrysene-d12	21.70	240	352142	20.00	ng	0.00
87) Perylene-d12	24.93	264	422593	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	377549	123.90	ng	0.00
7) Phenol-d6	7.23	99	533426	121.57	ng	0.00
23) Nitrobenzene-d5	9.21	82	322871	79.52	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	314318	131.56	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	768404	80.18	ng	0.00
79) Terphenyl-d14	20.04	244	1364656	82.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	39359	30.981	ng	92
3) Pyridine	3.92	79	97597	27.314	ng	89
4) n-Nitrosodimethylamine	3.84	42	64212	37.369	ng	# 99
6) Aniline	7.38	93	171740	32.423	ng	95
8) 2-Chlorophenol	7.62	128	142455	44.829	ng	98
9) Benzaldehyde	7.19	77	77843	29.031	ng	83
10) Phenol	7.26	94	176872	43.934	ng	95
11) bis(2-Chloroethyl)ether	7.47	93	114233	36.673	ng	97
12) 1,3-Dichlorobenzene	7.94	146	155120	38.266	ng	98
13) 1,4-Dichlorobenzene	8.08	146	155556	38.494	ng	98
14) 1,2-Dichlorobenzene	8.41	146	150102	39.015	ng	94
15) Benzyl Alcohol	8.29	79	125328	37.989	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	166040	27.756	ng	93
17) 2-Methylphenol	8.50	107	112246	39.847	ng	97
18) Hexachloroethane	9.14	117	57544	37.810	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	102294	35.503	ng	91
20) 3+4-Methylphenols	8.83	107	160116	41.477	ng	96
22) Acetophenone	8.87	105	202827	39.869	ng	# 95
24) Nitrobenzene	9.25	77	156655	40.448	ng	95
25) Isophorone	9.78	82	283304	39.721	ng	97
26) 2-Nitrophenol	9.97	139	78255	47.463	ng	90
27) 2,4-Dimethylphenol	10.03	122	125758	49.667	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	156673	38.717	ng	98
29) 2,4-Dichlorophenol	10.51	162	149766	47.559	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	166587	40.964	ng	94
31) Naphthalene	10.91	128	424673	43.712	ng	99
32) Benzoic acid	10.19	122	63830	34.618	ng	94
33) 4-Chloroaniline	11.02	127	105547	25.037	ng	98
34) Hexachlorobutadiene	11.19	225	116515	38.265	ng	94
35) Caprolactam	11.79	113	44396m	39.978	ng	
36) 4-Chloro-3-methylphenol	12.14	107	153842	44.931	ng	97
37) 2-Methylnaphthalene	12.51	142	316226	42.667	ng	96
38) 1-Methylnaphthalene	12.73	142	300726	42.881	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	209573	40.119	ng	99

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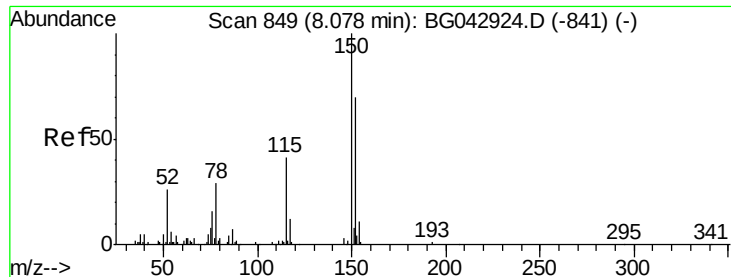
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	259222	77.882	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	130503	42.682	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	139950	44.432	ng	94
46) 1,1'-Biphenyl	13.51	154	429899	40.803	ng	99
47) 2-Chloronaphthalene	13.55	162	329583	41.723	ng	97
48) 2-Nitroaniline	13.76	65	101063	38.472	ng	91
49) Acenaphthylene	14.40	152	537845	44.497	ng	98
50) Dimethylphthalate	14.13	163	508605	48.858	ng	99
51) 2,6-Dinitrotoluene	14.25	165	99119	44.711	ng	94
52) Acenaphthene	14.74	154	316241	39.087	ng	98
53) 3-Nitroaniline	14.58	138	69853	30.490	ng	92
54) 2,4-Dinitrophenol	14.79	184	108814	78.967	ng	92
55) Dibenzofuran	15.08	168	519251	43.386	ng	97
56) 4-Nitrophenol	14.91	139	153779	88.095	ng	94
57) 2,4-Dinitrotoluene	15.04	165	138269	42.592	ng	98
58) Fluorene	15.72	166	434153	42.489	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	139930	41.725	ng	99
60) Diethylphthalate	15.49	149	422006	39.834	ng	100
61) 4-Chlorophenyl-phenylether	15.72	204	246740	40.264	ng	98
62) 4-Nitroaniline	15.75	138	102173	40.892	ng	96
63) Azobenzene	16.01	77	367975	38.151	ng	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	84210	46.522	ng	91
66) n-Nitrosodiphenylamine	15.93	169	384150	45.491	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	176835	44.045	ng	96
68) Hexachlorobenzene	16.73	284	198339	44.368	ng	99
69) Atrazine	16.87	200	143683	40.406	ng	97
70) Pentachlorophenol	17.08	266	223760	86.746	ng	98
71) Phenanthrene	17.47	178	690895	44.240	ng	98
72) Anthracene	17.56	178	708087	45.417	ng	99
73) Carbazole	17.83	167	634391	43.879	ng	99
74) Di-n-butylphthalate	18.38	149	727276	42.162	ng	99
75) Fluoranthene	19.48	202	911610	44.132	ng	98
77) Benzidine	19.65	184	448971	50.919	ng	98
78) Pyrene	19.84	202	921566	43.846	ng	100
80) Butylbenzylphthalate	20.72	149	340117	42.632	ng	98
81) Benzo(a)anthracene	21.68	228	927975	42.293	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	290667	33.776	ng	100
83) Chrysene	21.75	228	897408	42.146	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	478967	42.192	ng	98
85) Di-n-octyl phthalate	22.79	149	827802	44.594	ng	# 95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1213980	45.797	ng	99
88) Benzo(b)fluoranthene	23.90	252	1014696	42.436	ng	99
89) Benzo(k)fluoranthene	23.97	252	988454	41.786	ng	98
90) Benzo(a)pyrene	24.78	252	987188	43.759	ng	99
91) Dibenzo(a,h)anthracene	28.67	278	1025102	44.313	ng	99
92) Benzo(g,h,i)perylene	29.75	276	1018958	45.461	ng	99

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



#1

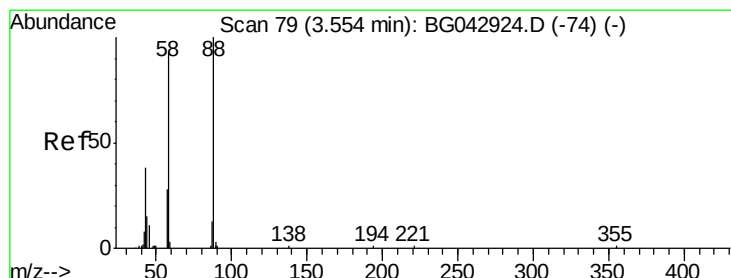
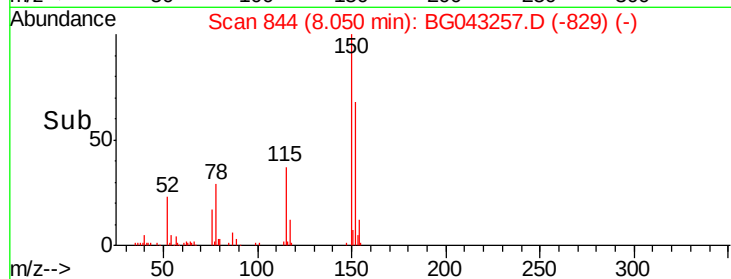
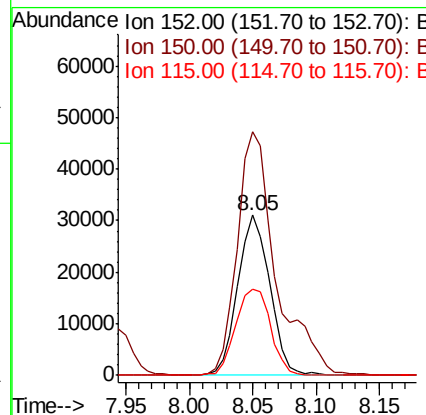
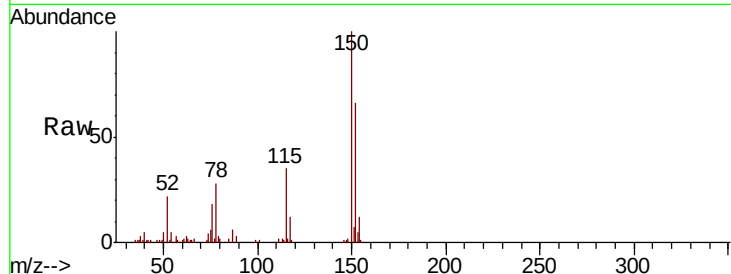
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	115.0	172.4
115	53.9	47.0	70.6

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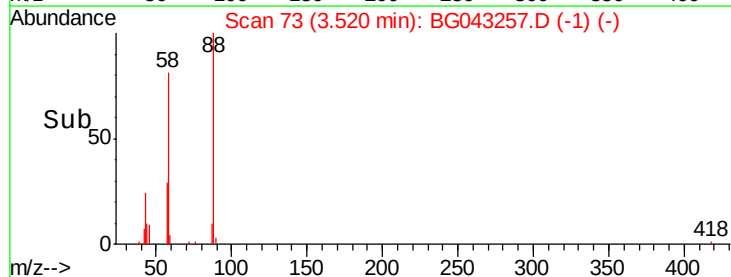
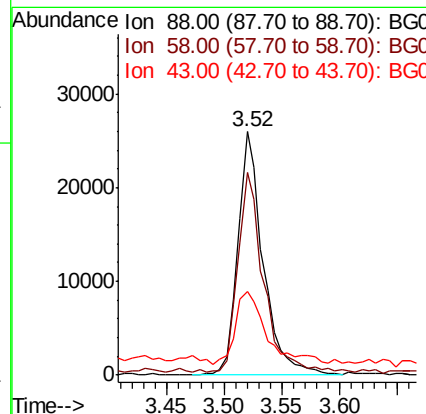
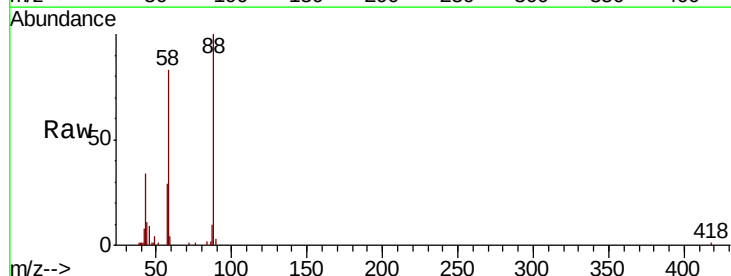
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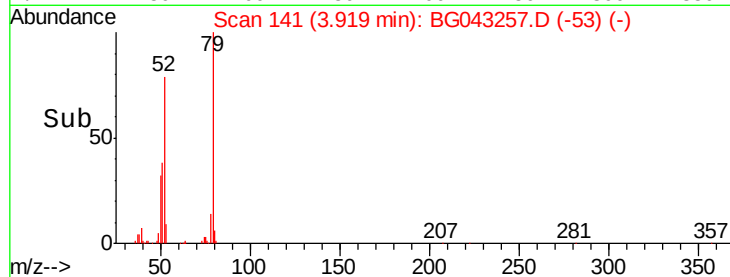
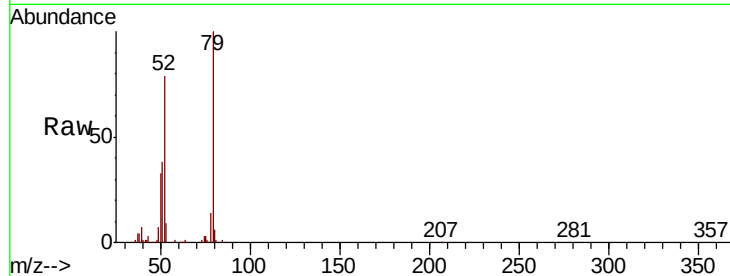
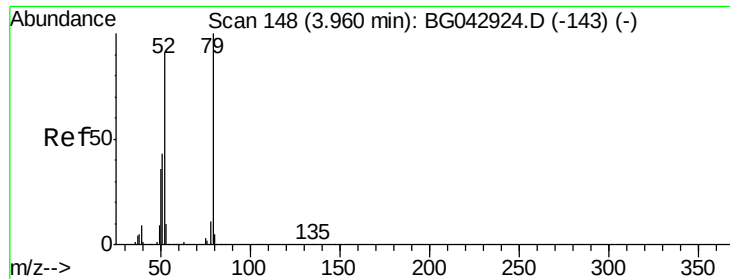


#2

1,4-Dioxane
Concen: 30.981 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.02 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	74.3	111.5
43	38.0	29.8	44.8





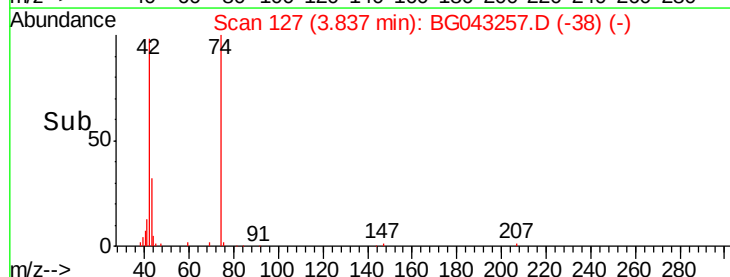
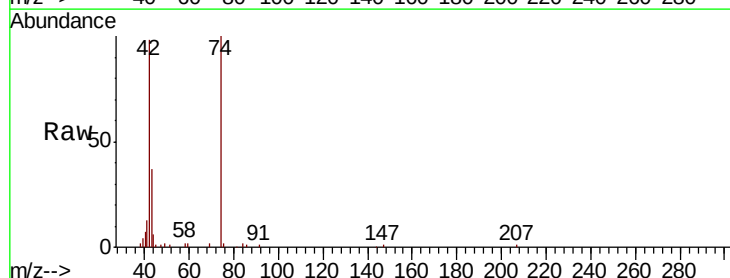
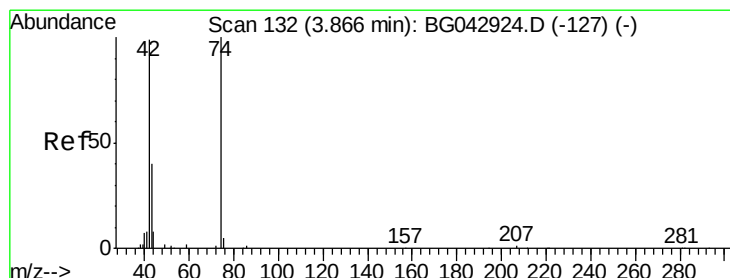
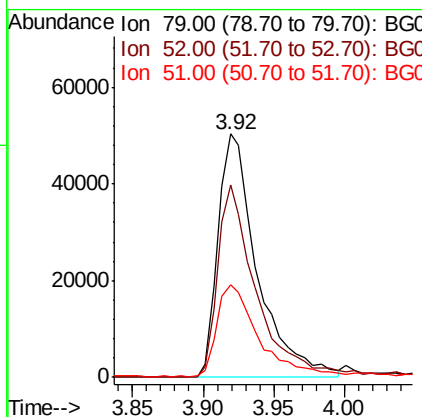
#3
Pvridine
Concen: 27.314 ng
RT: 3.92 min Scan# 141
Delta R.T. -0.02 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.2	73.0	109.4
51	38.1	35.1	52.7

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

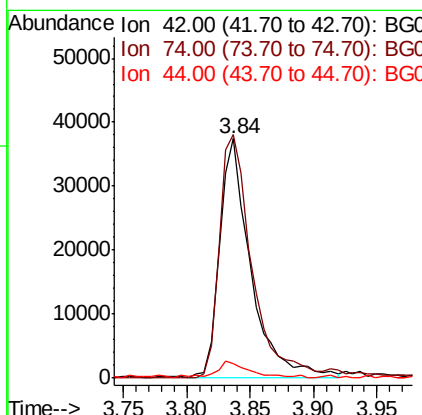
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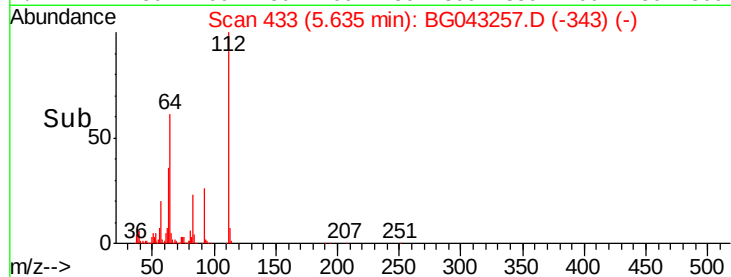
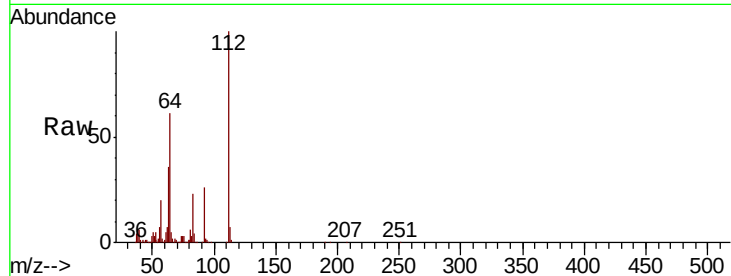
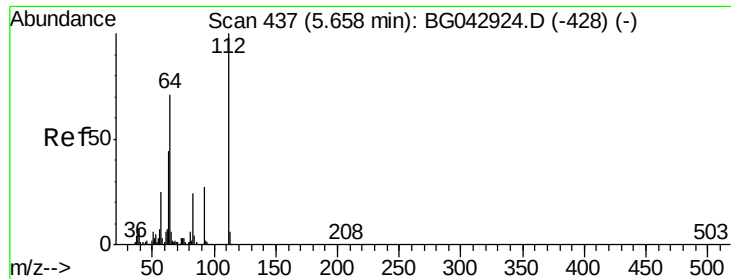
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#4
n-Nitrosodimethylamine
Concen: 37.369 ng
RT: 3.84 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.6	80.5	120.7
44	6.1	6.9	10.3#





#5

2-Fluorophenol

Concen: 123.905 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tot Ion:	112	Resp:	377549
Ion Ratio	Lower	Upper	
112	100		
64	60.9	56.6	84.8
63	36.0	35.1	52.7

Instrument :

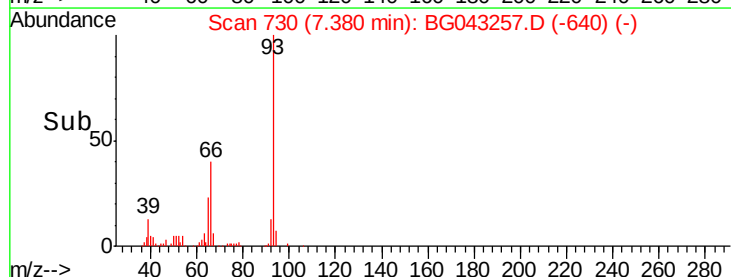
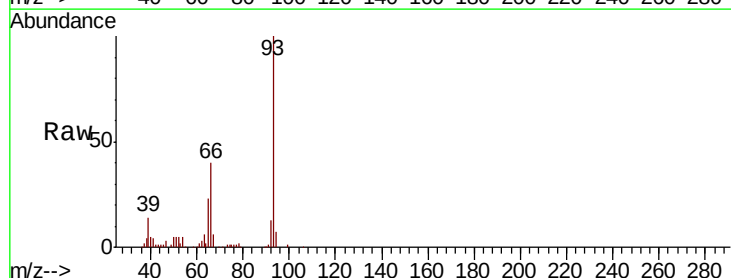
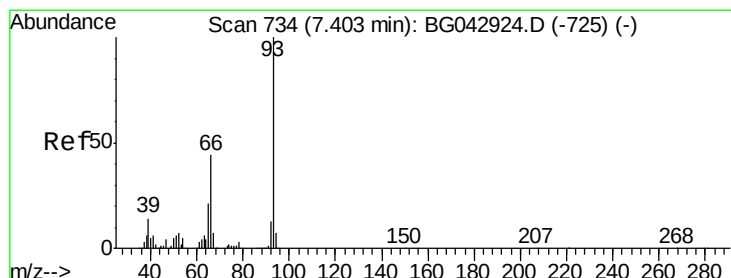
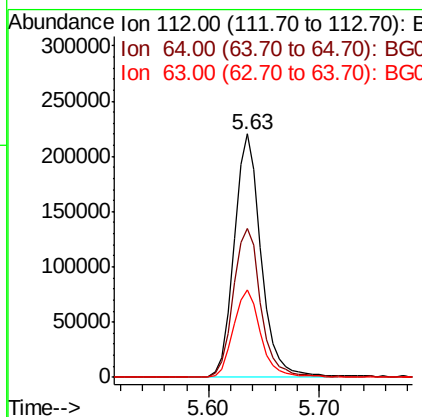
BNA_G

ClientSampled :

VNJ-230MS

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#6

Aniline

Concen: 32.423 ng

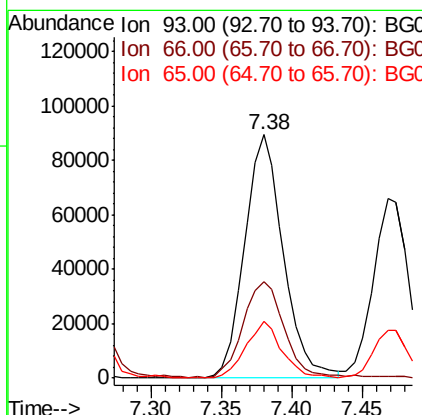
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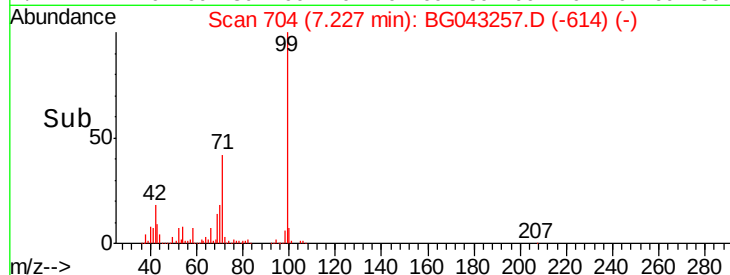
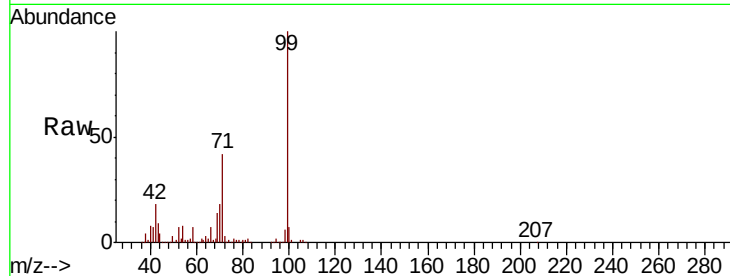
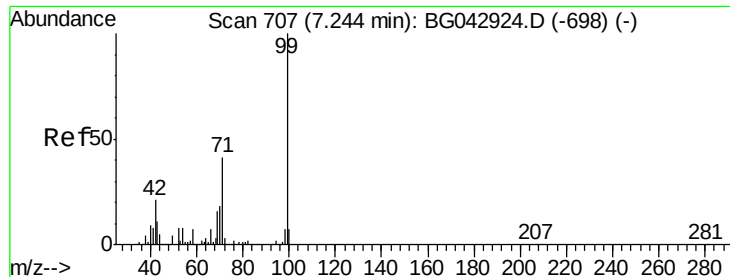
Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	93	Resp:	171740
Ion Ratio	Lower	Upper	
93	100		
66	39.6	35.0	52.6
65	23.1	17.4	26.0





#7

Phenol-d6

Concen: 121.565 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tot Ion:	99	Resp:	533426
Ion Ratio	Lower	Upper	
99	100		
42	18.5	17.2	25.8
71	42.3	33.1	49.7

Instrument :

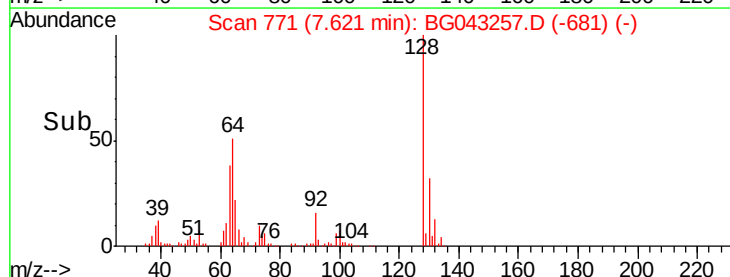
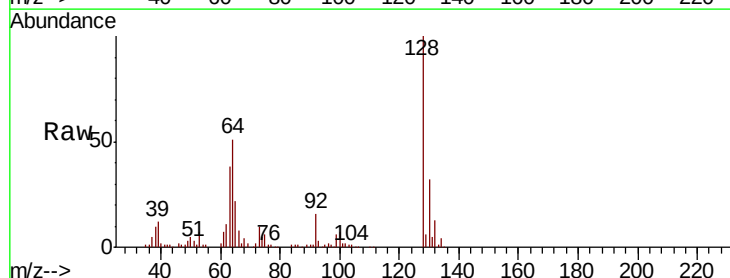
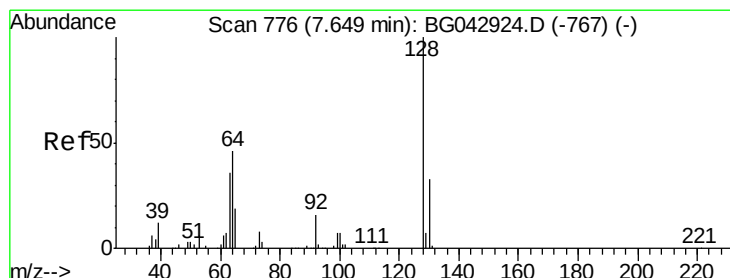
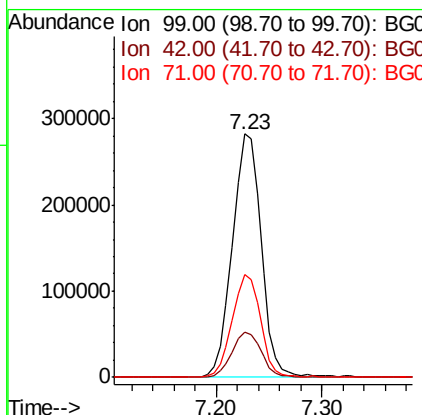
BNA_G

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#8

2-Chlorophenol

Concen: 44.829 ng

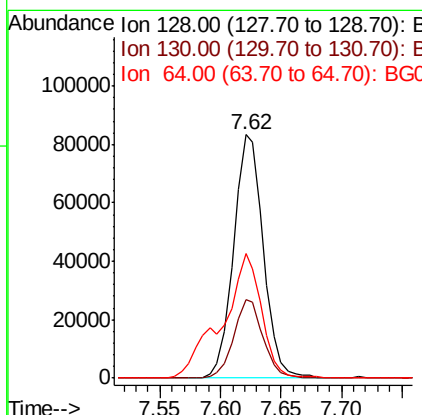
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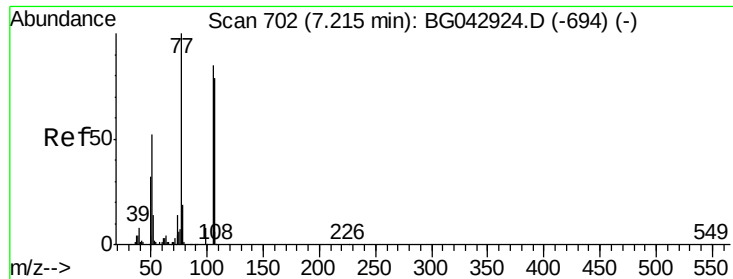
Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	128	Resp:	142455
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.5	52.5
64	51.2	32.8	72.8





#9

Benzaldehyde

Concen: 29.031 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

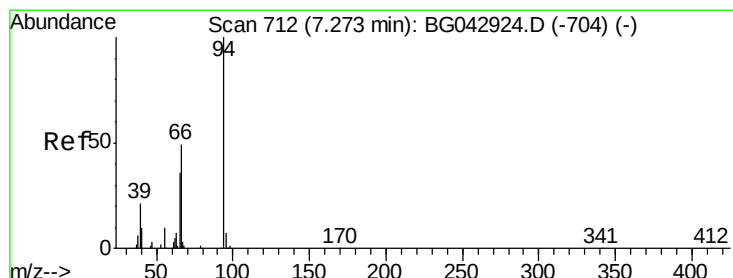
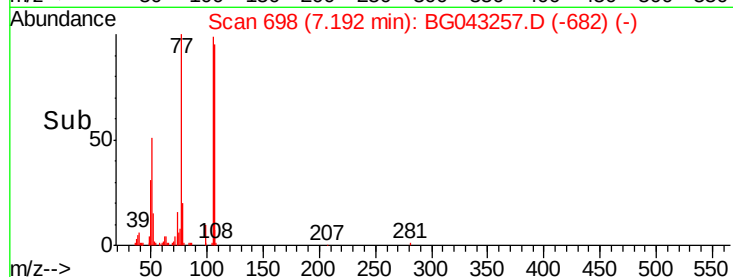
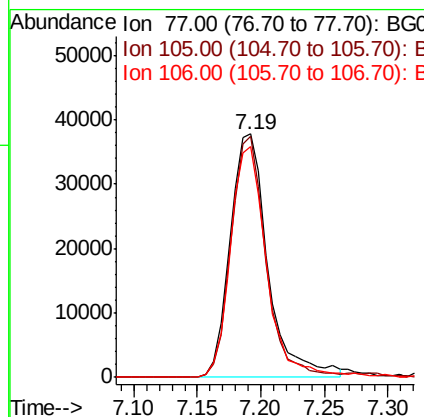
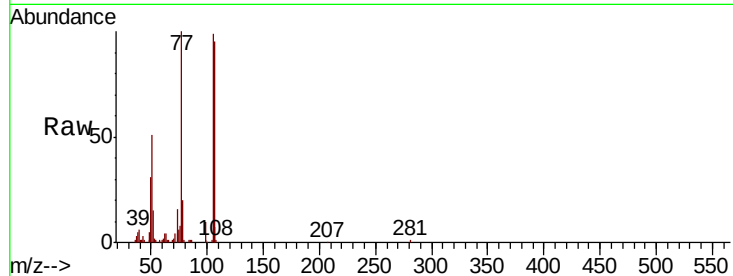
ClientSampleId :

VNJ-230MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	98.9	64.6	104.6	
106	95.0	59.4	99.4	

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#10

Phenol

Concen: 43.934 ng

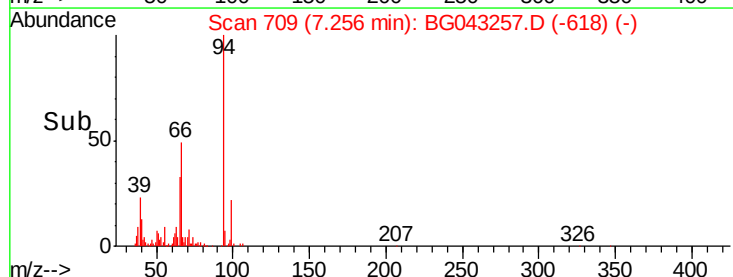
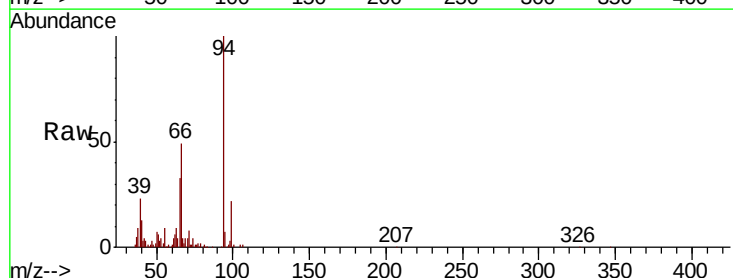
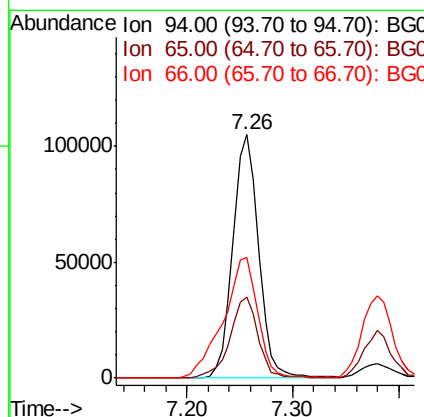
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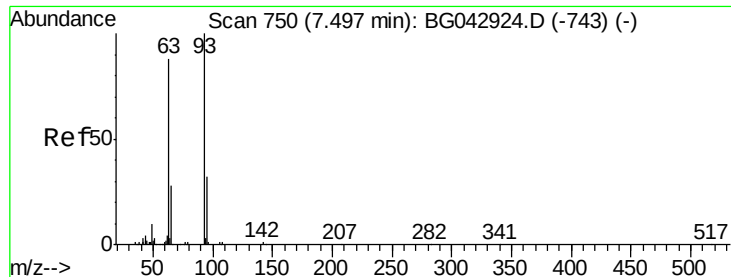
Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	33.2	16.6	56.6	
66	49.5	32.4	72.4	





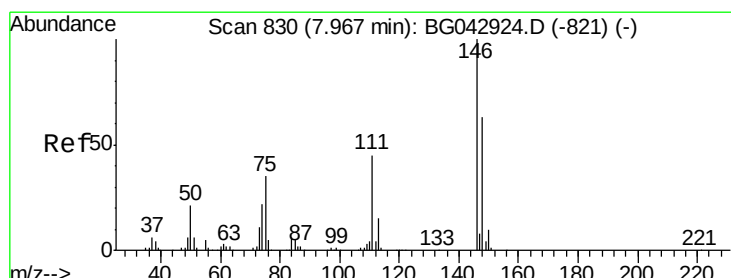
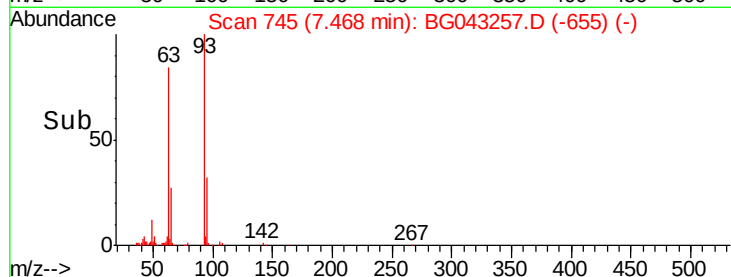
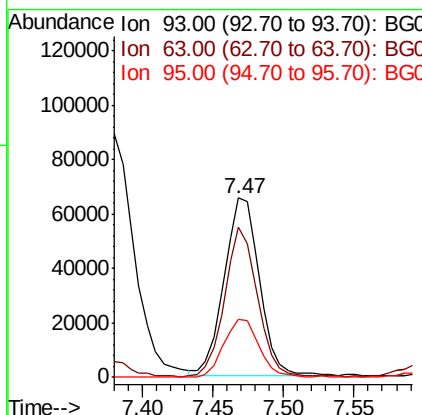
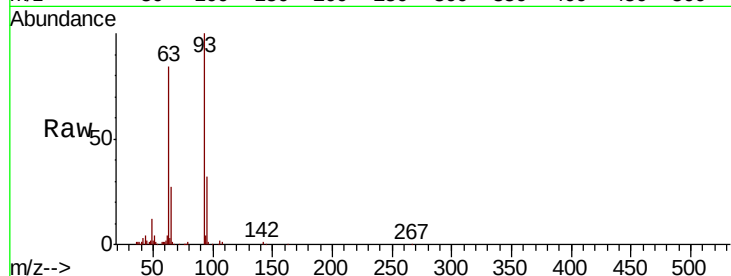
#11
bis(2-Chloroethyl)ether
Concen: 36.673 ng
RT: 7.47 min Scan# 745
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.7	67.4	107.4
95	32.3	11.9	51.9

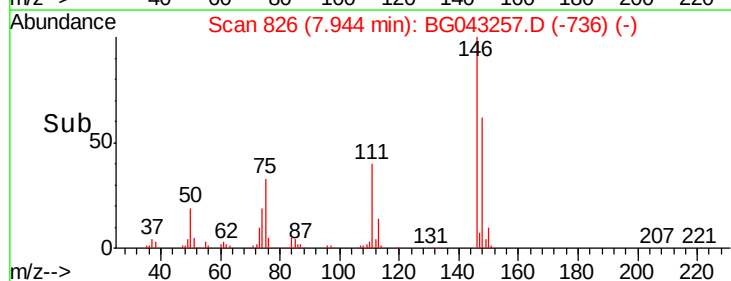
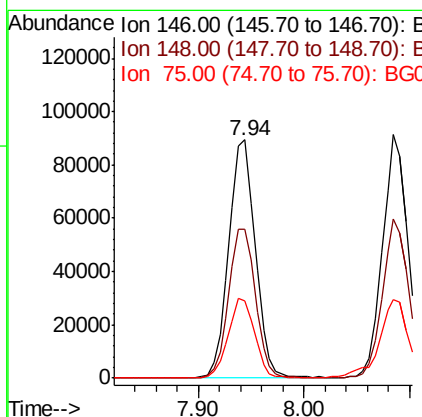
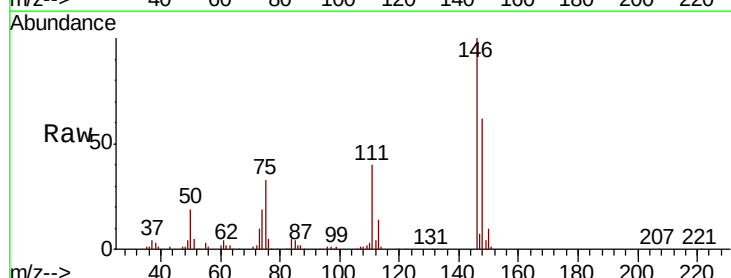
Manual Integrations
APPROVED

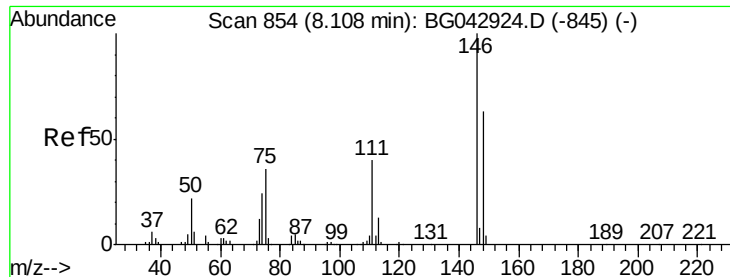
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.266 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
75	32.7	27.7	41.5





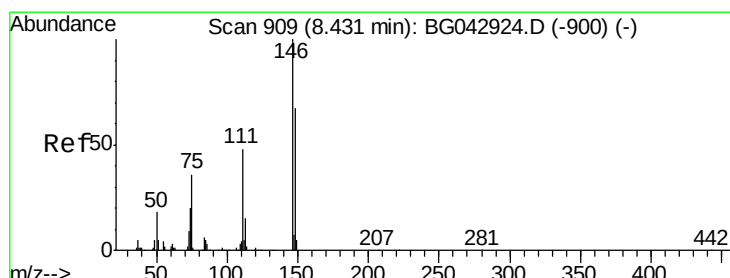
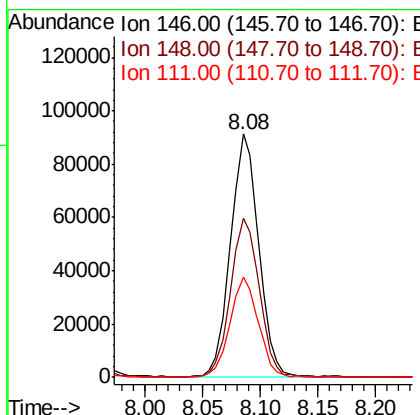
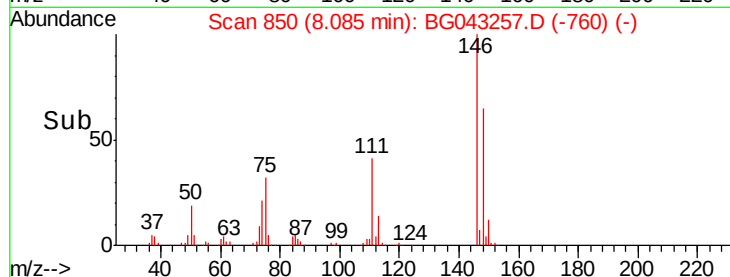
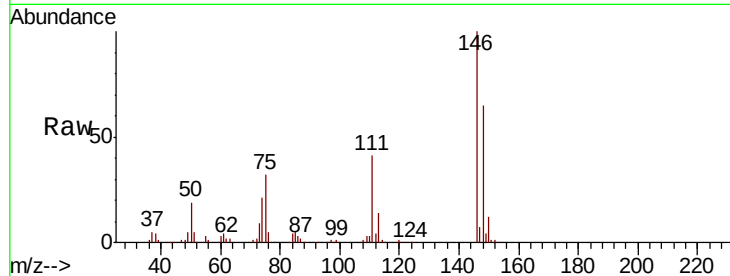
#13
1,4-Dichlorobenzene
Concen: 38.494 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.9	76.3
111	41.3	31.8	47.8

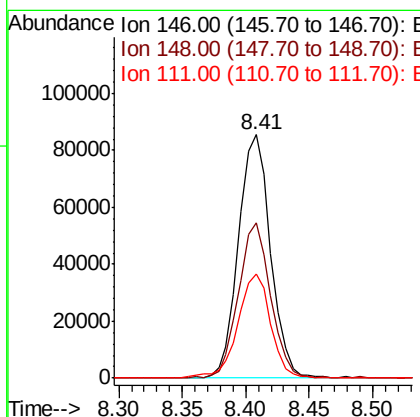
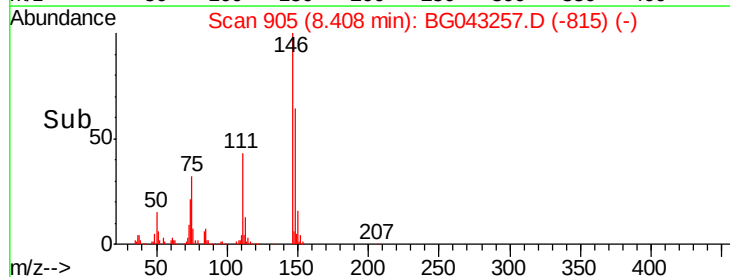
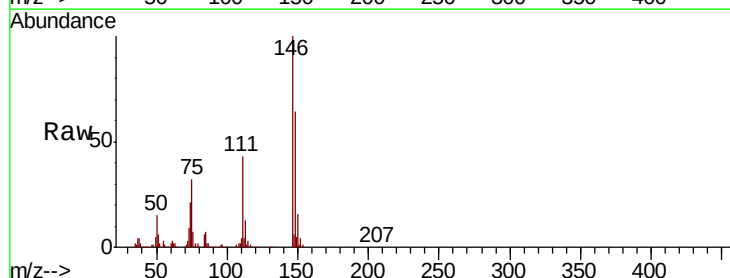
Manual Integrations
APPROVED

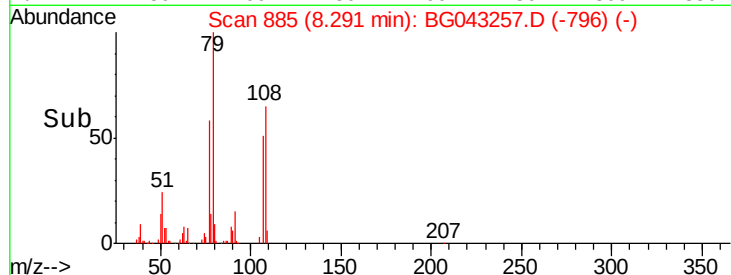
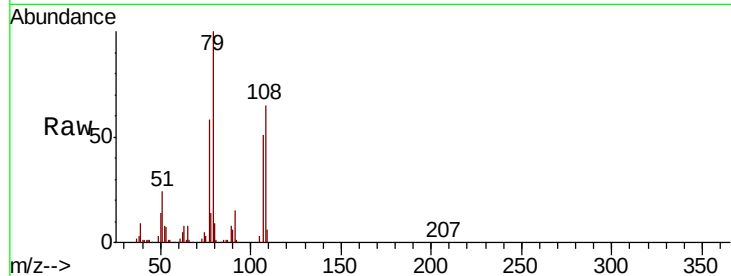
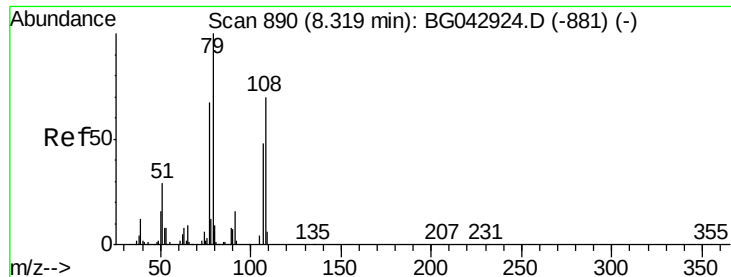
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#14
1,2-Dichlorobenzene
Concen: 39.015 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.2
111	42.5	38.5	57.7





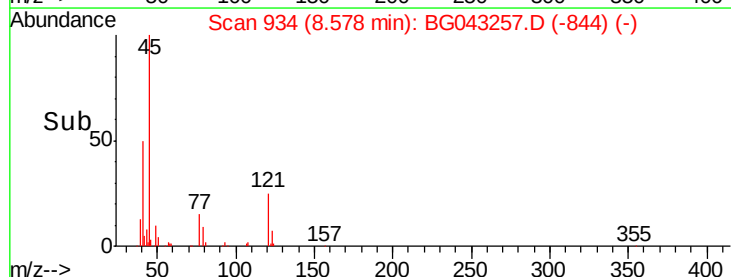
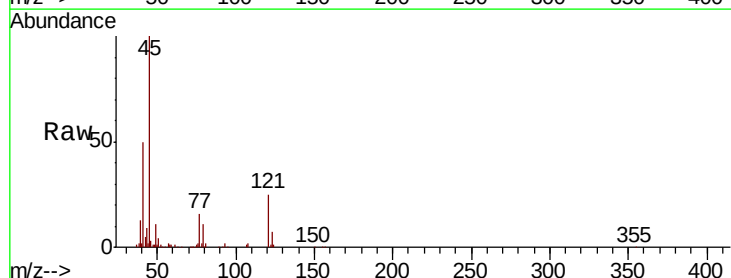
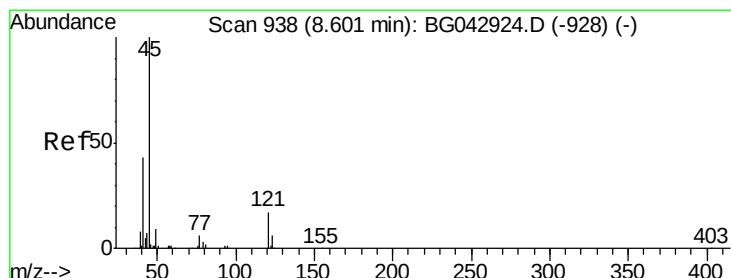
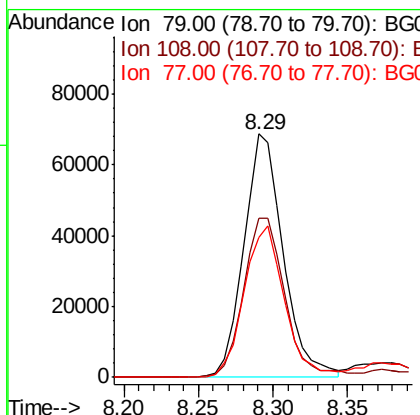
#15
Benzyl Alcohol
Concen: 37.989 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.1	55.7	83.5
77	57.5	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

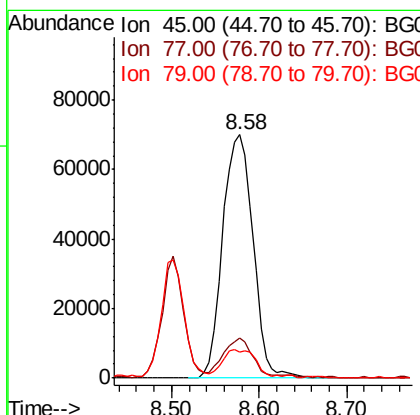
Manual Integrations
APPROVED

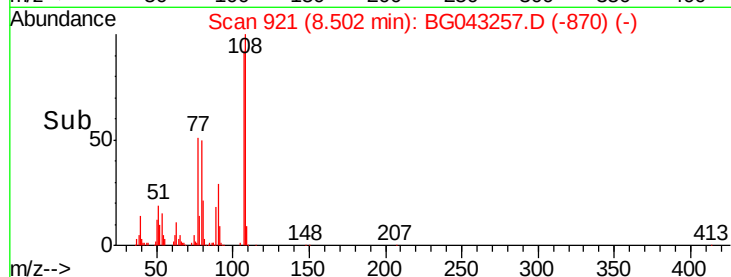
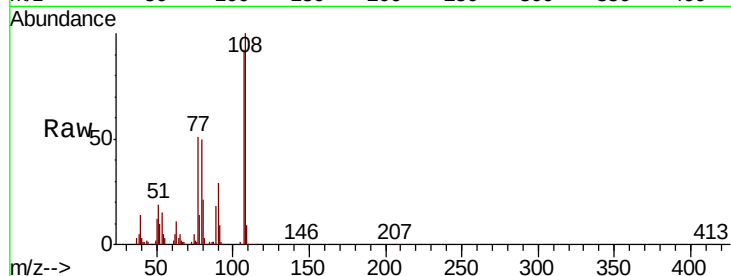
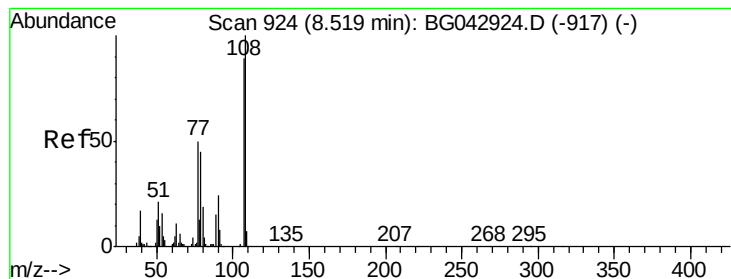
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.756 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	32.8
79	10.9	0.0	29.4





#17

2-Methylphenol

Concen: 39.847 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	89.9	134.9	
77	55.6	45.4	68.2	
79	54.1	41.4	62.0	

Instrument :

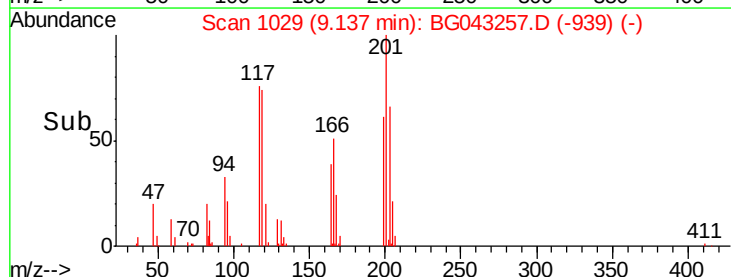
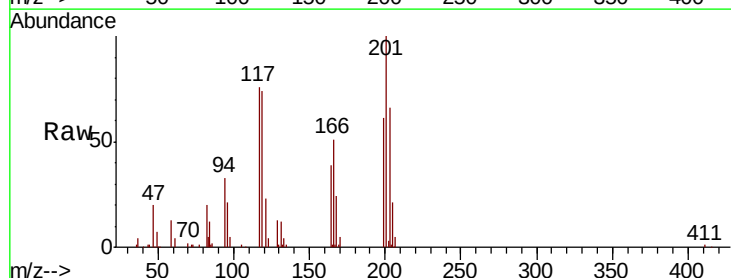
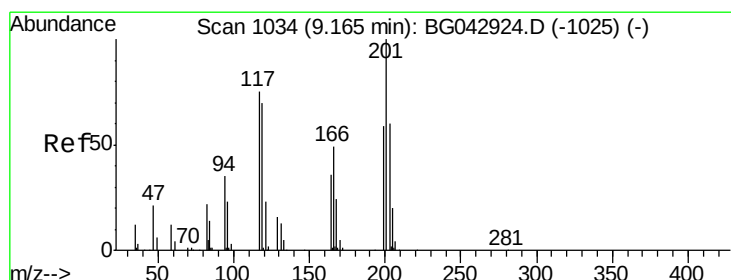
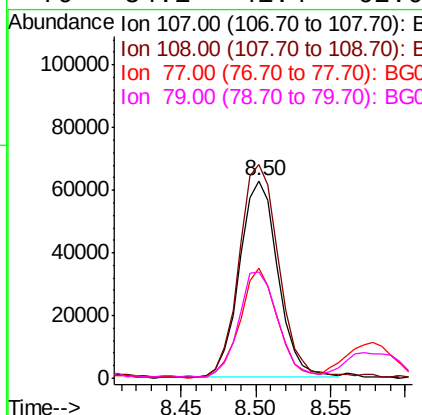
BNA_G

ClientSampled :

VNJ-230MS

Manual Integrations
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#18

Hexachloroethane

Concen: 37.810 ng

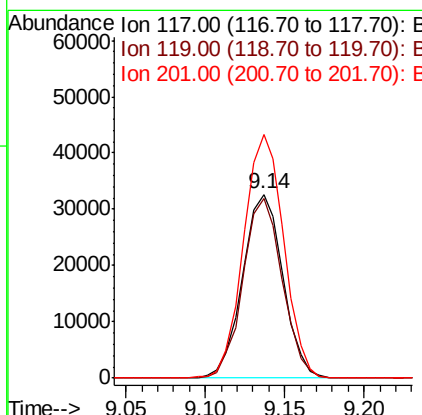
RT: 9.14 min Scan# 1029

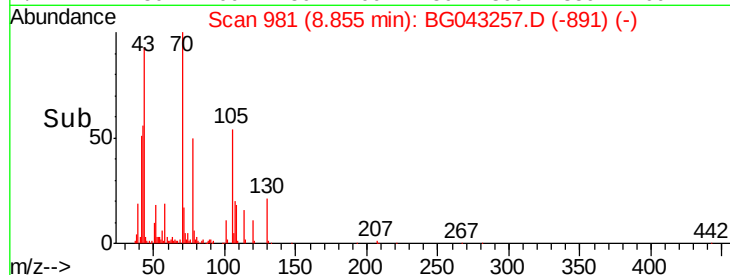
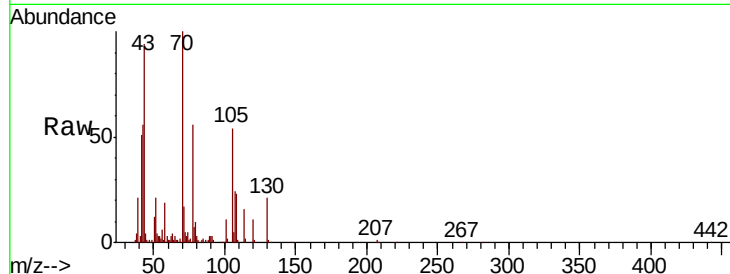
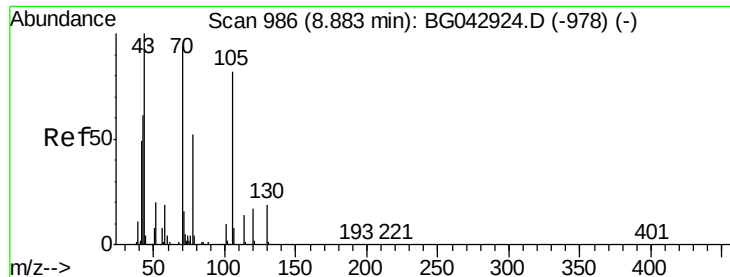
Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	74.6	111.8	
201	132.4	106.0	159.0	





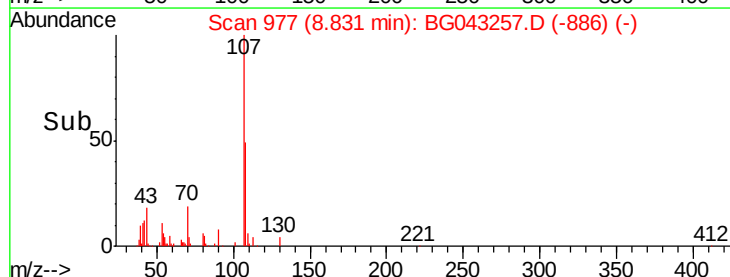
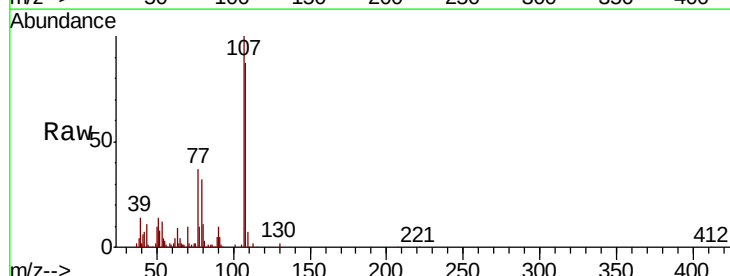
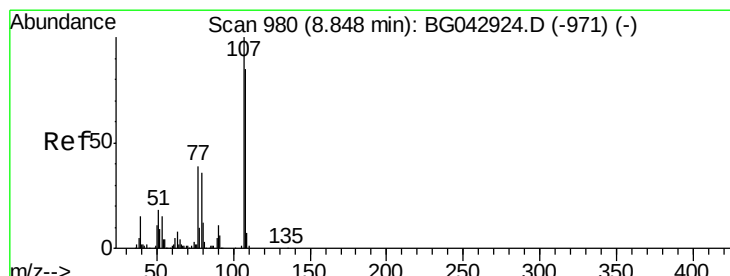
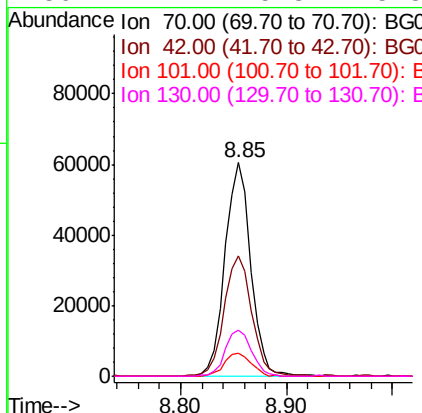
#19
n-Nitroso-di-n-propylamine
Concen: 35.503 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.2	52.6	79.0	
101	11.0	8.7	13.1	
130	21.4	15.8	23.8	

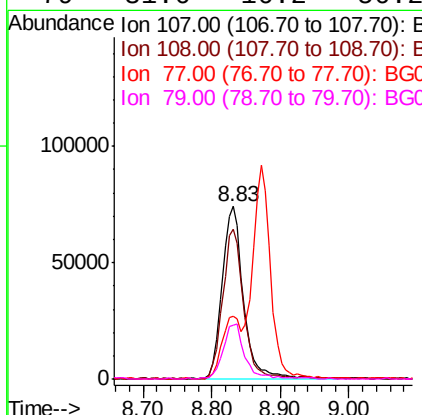
Manual Integrations
APPROVED

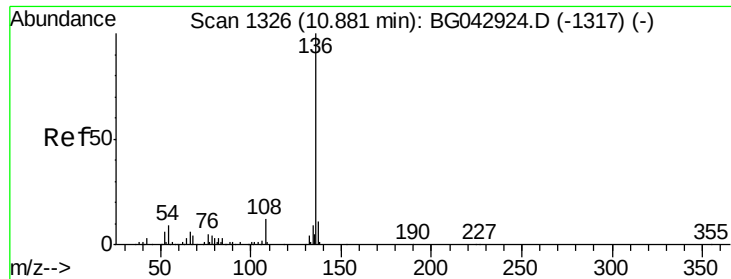
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#20
3+4-Methylphenols
Concen: 41.477 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	64.9	104.9	
77	36.5	19.4	59.4	
79	31.6	16.2	56.2	





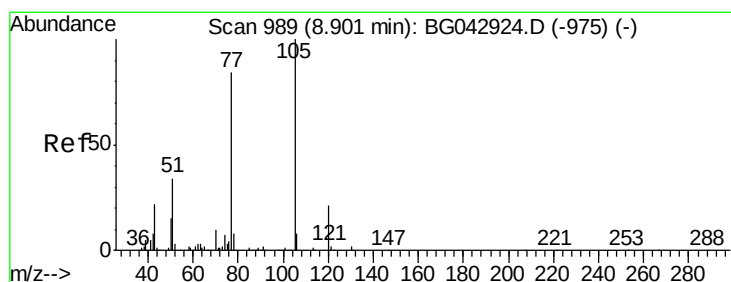
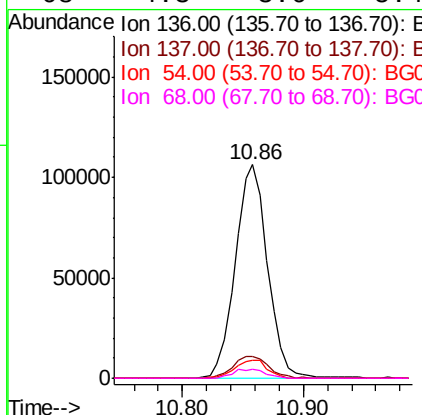
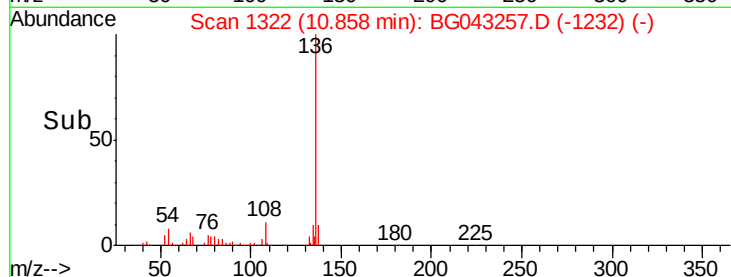
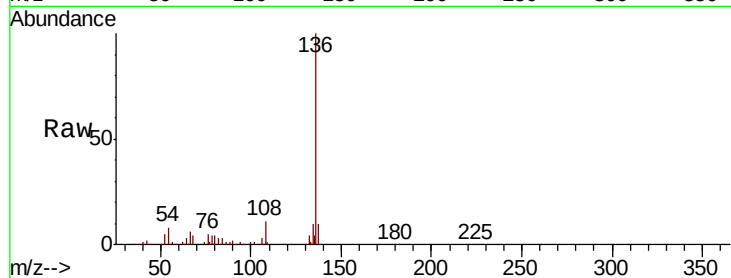
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		197359		
137	10.3		8.5	12.7	
54	8.2		7.4	11.2	
68	4.3		3.6	5.4	

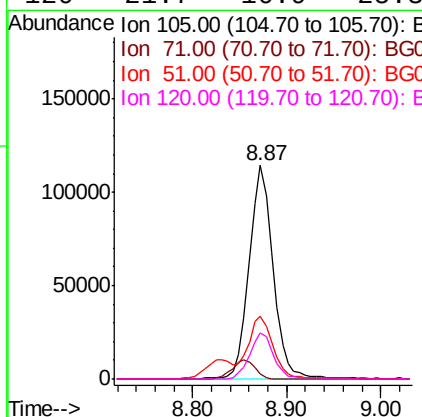
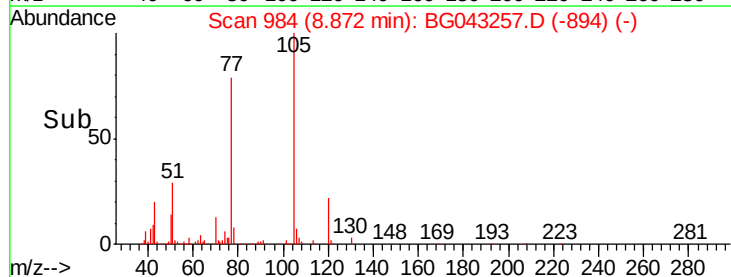
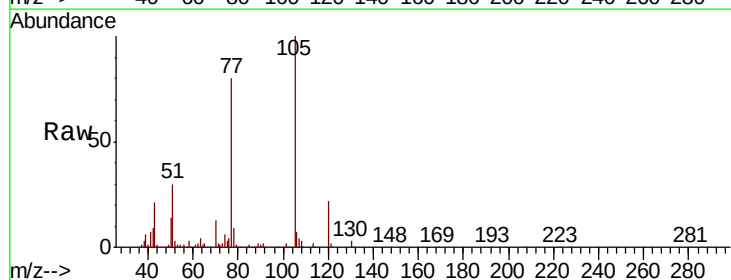
Manual Integrations
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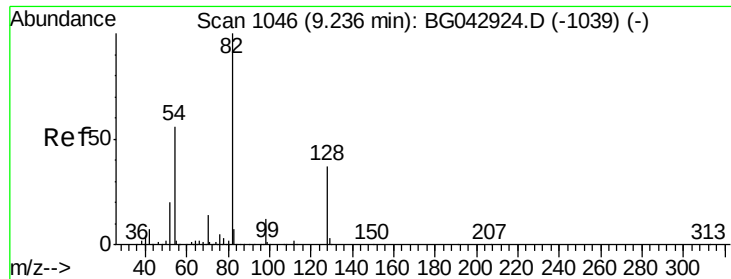
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#22
Acetophenone
Concen: 39.869 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		202827		
71	2.4		1.2	1.8#	
51	29.7		27.2	40.8	
120	21.7		16.9	25.3	





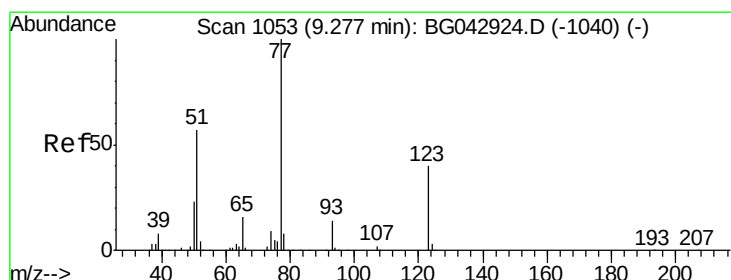
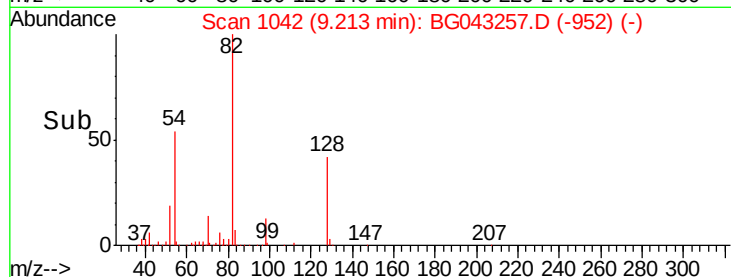
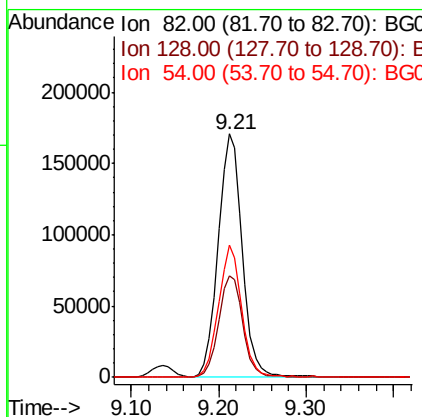
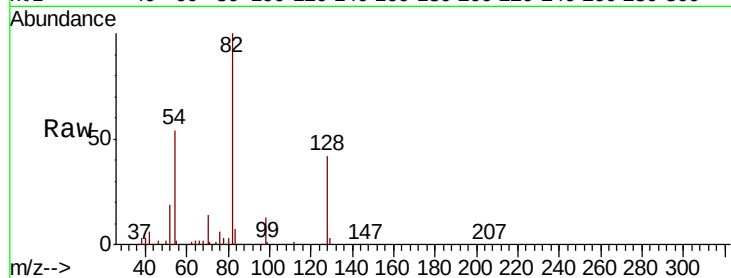
#23
Nitrobenzene-d5
Concen: 79.516 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	29.5	44.3	
54	54.2	44.6	67.0	

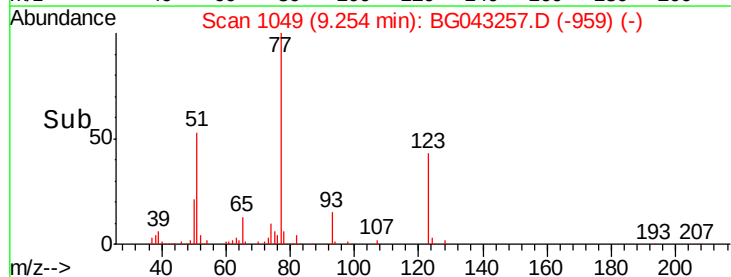
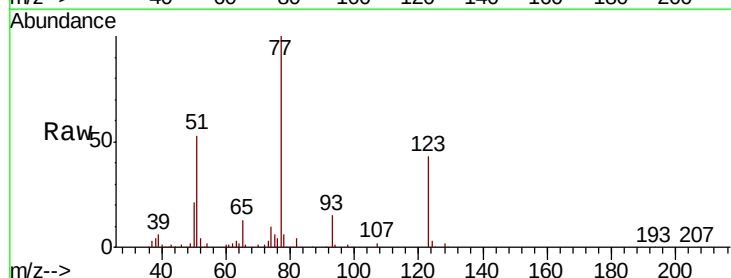
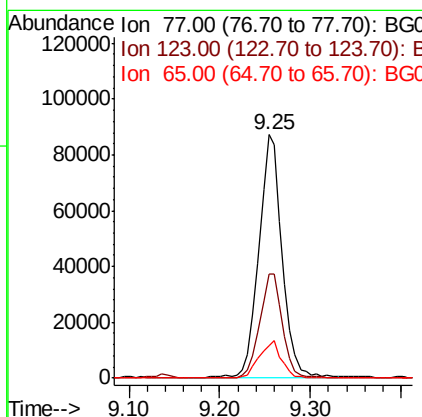
Manual Integrations
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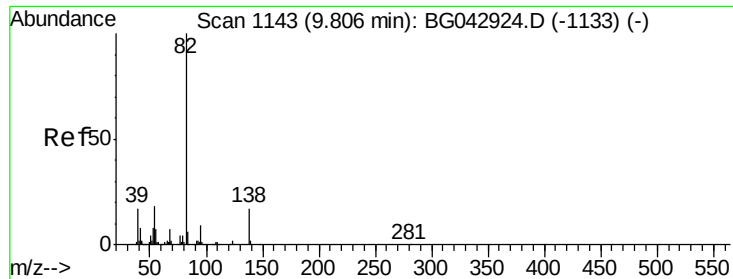
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#24
Nitrobenzene
Concen: 40.448 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.6	31.9	47.9	
65	13.3	12.4	18.6	





#25

Isophorone

Concen: 39.721 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

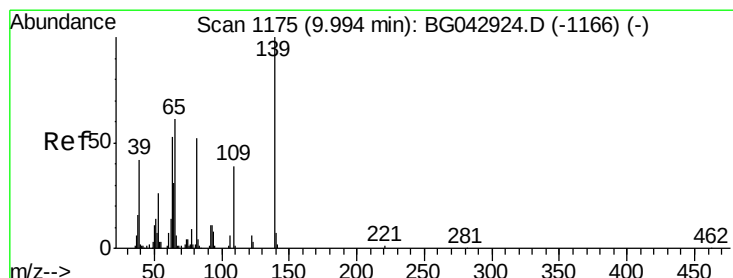
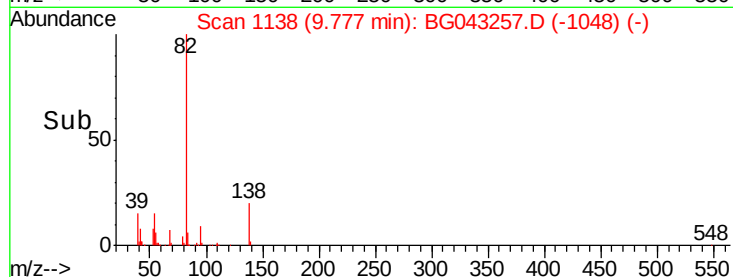
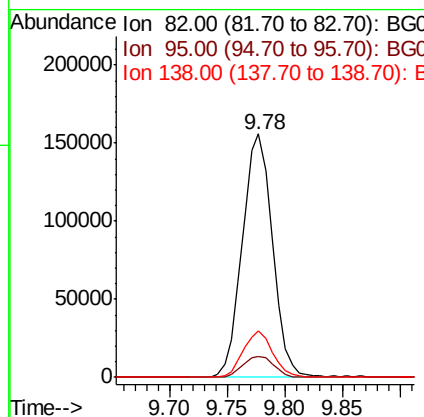
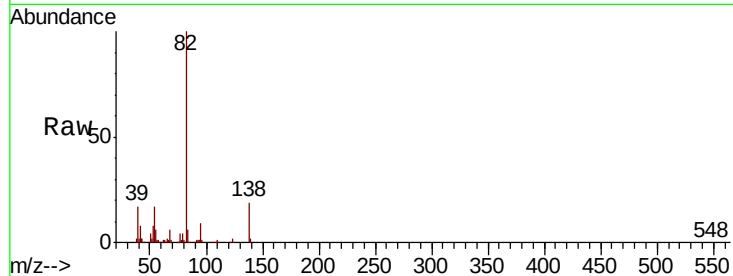
ClientSampleId :

VNJ-230MS

Tot Ion:	82	Resp:	283304
Ion Ratio	Lower	Upper	
82	100		
95	8.5	7.0	10.4
138	19.1	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.463 ng

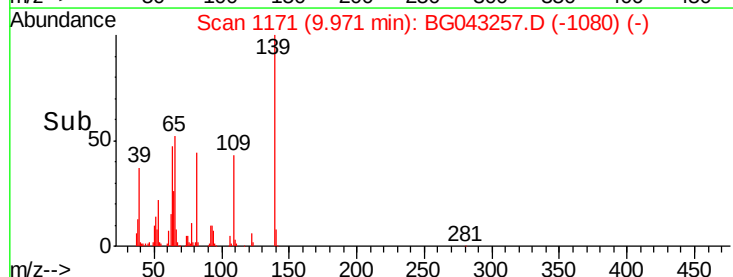
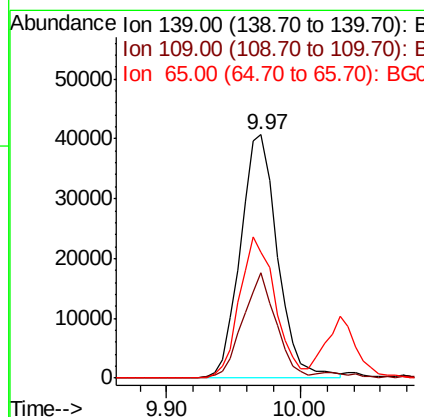
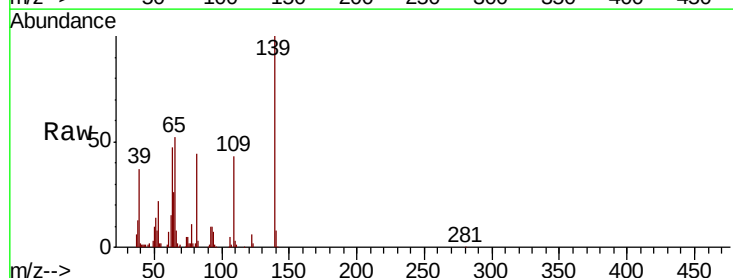
RT: 9.97 min Scan# 1171

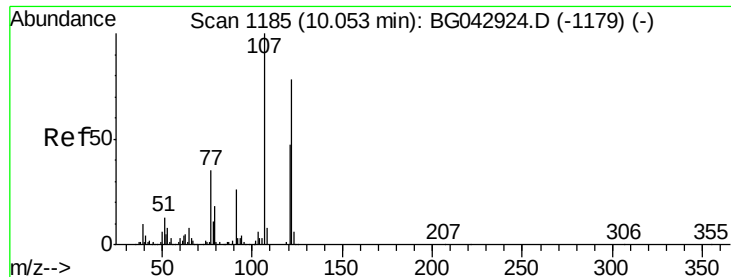
Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	139	Resp:	78255
Ion Ratio	Lower	Upper	
139	100		
109	43.5	31.0	46.6
65	51.8	48.4	72.6





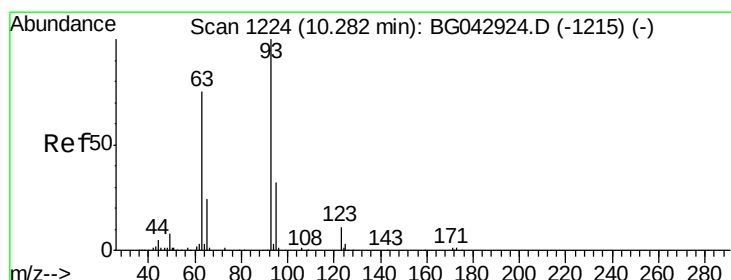
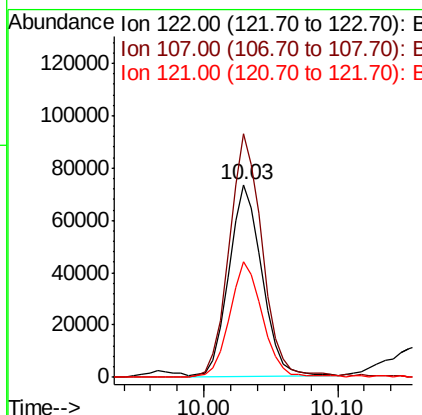
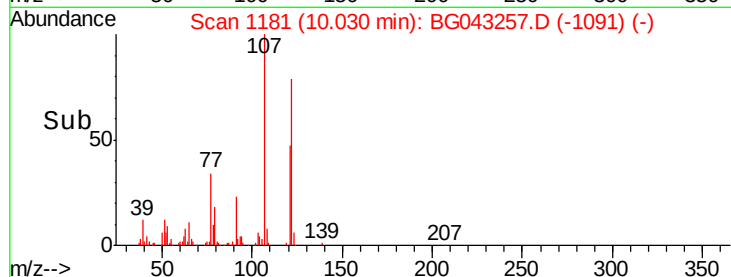
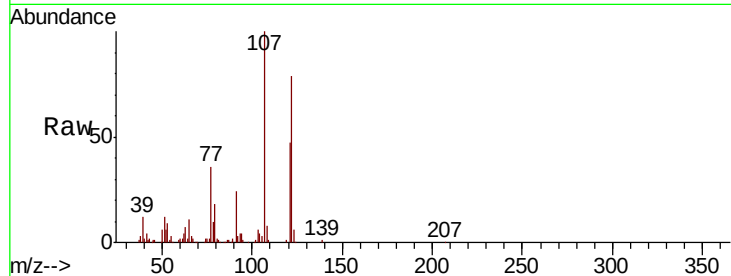
#27
2,4-Dimethylphenol
Concen: 49.667 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.5	102.2	153.2
121	59.8	48.5	72.7

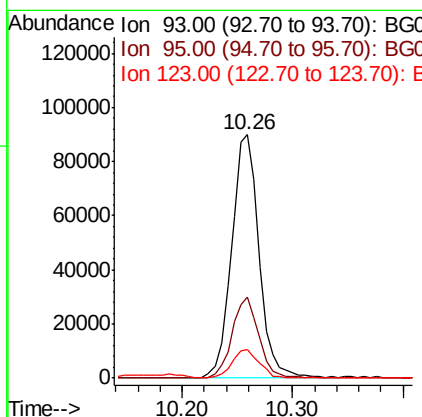
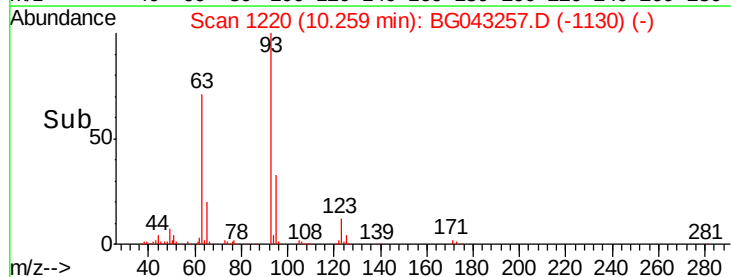
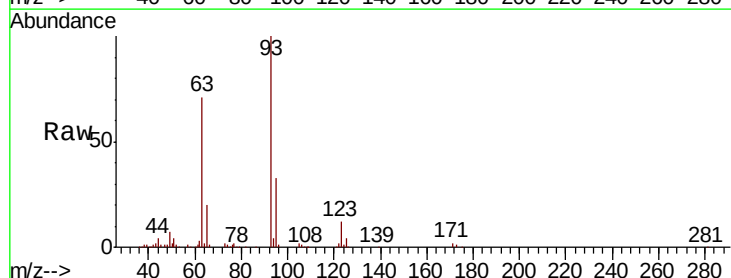
Manual Integrations
APPROVED

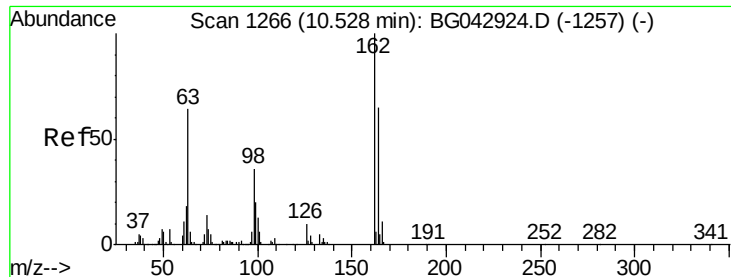
mohammad
10/18/2019 8:26:09 AM



#28
bis(2-Chloroethoxy)methane
Concen: 38.717 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	25.4	38.0
123	11.8	9.3	13.9





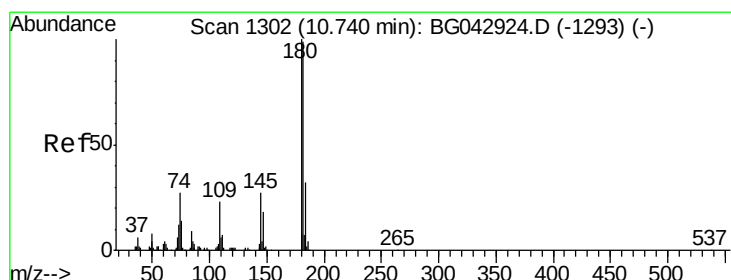
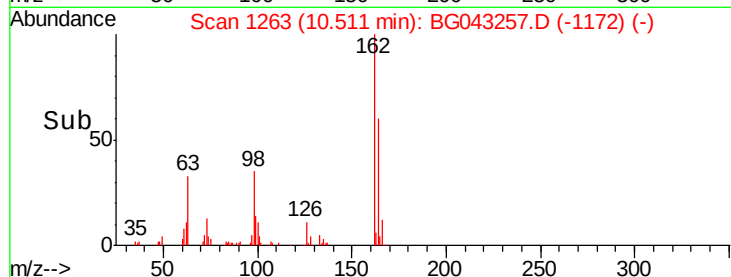
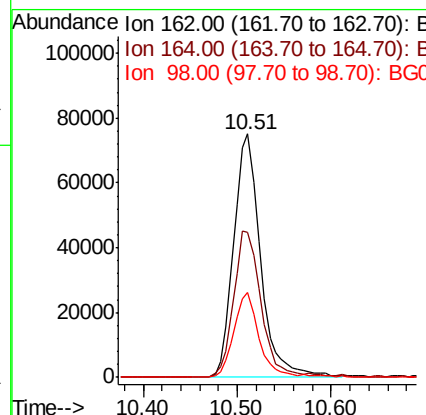
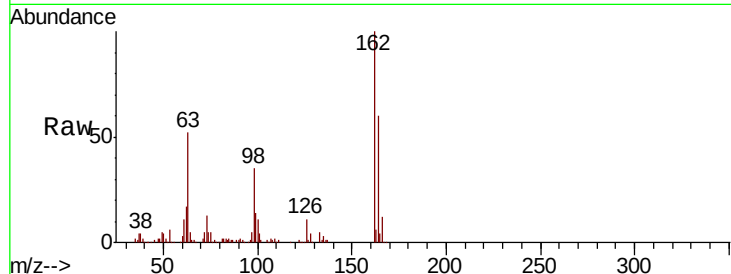
#29
2,4-Dichlorophenol
Concen: 47.559 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	149766		
164	59.7	44.7	84.7	
98	35.0	16.0	56.0	

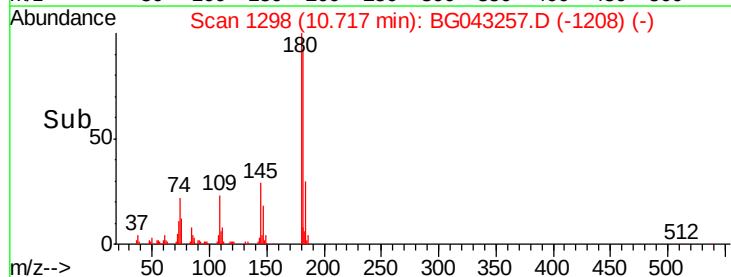
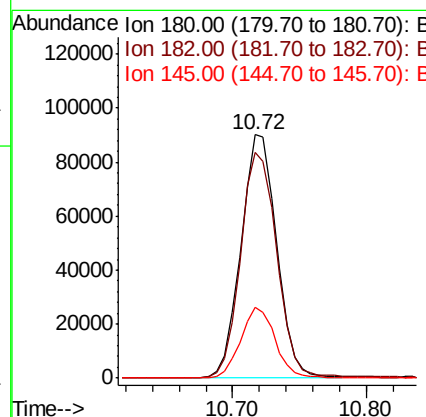
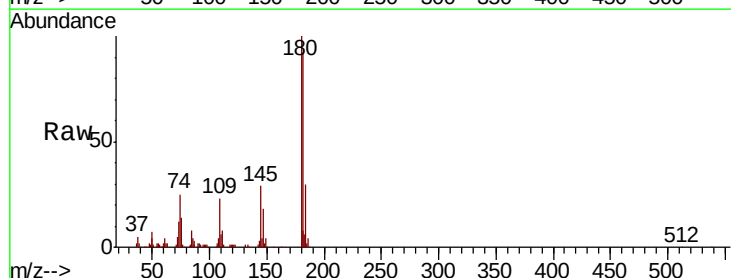
Manual Integrations
APPROVED

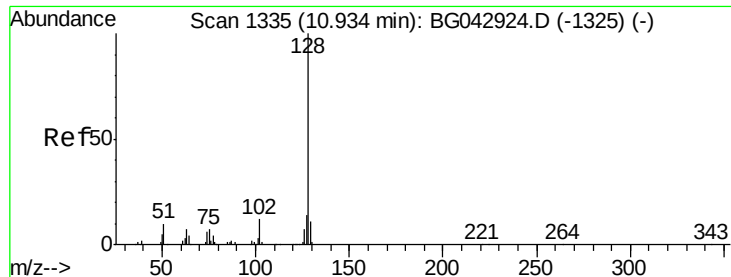
mohammad
10/18/2019 8:26:09 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.964 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	166587		
182	92.5	79.3	118.9	
145	28.9	22.0	33.0	





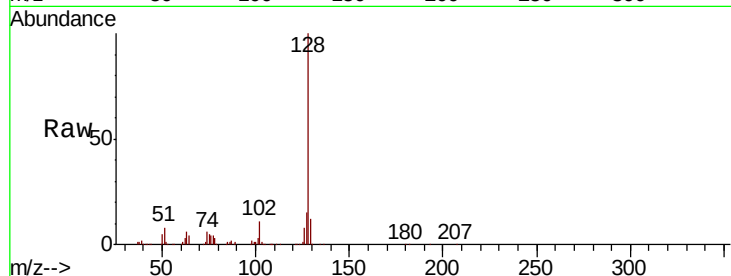
#31
Naphthalene
Concen: 43.712 ng
RT: 10.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.5	11.3	16.9

Manual Integrations
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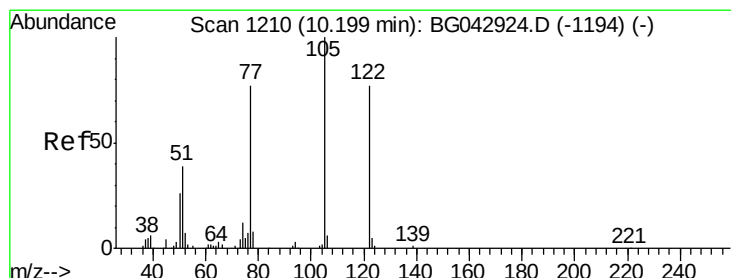
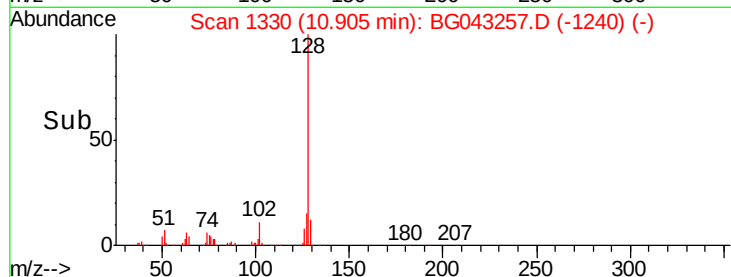
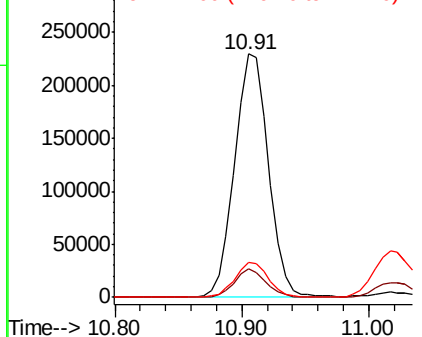


Abundance

Ion 128.00 (127.70 to 128.70): E

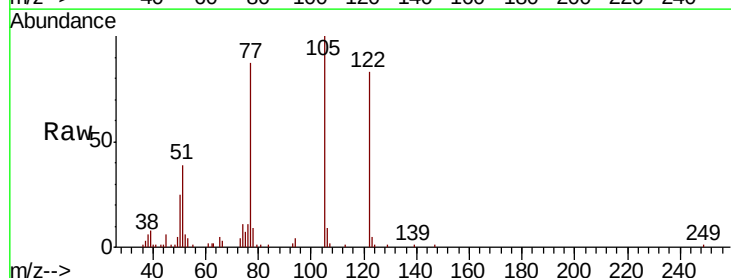
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.618 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	107.5	147.5
77	105.7	79.8	119.8

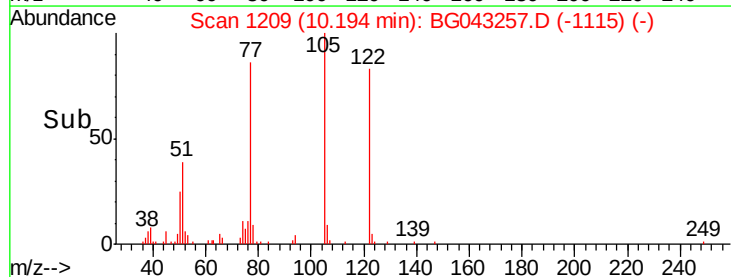
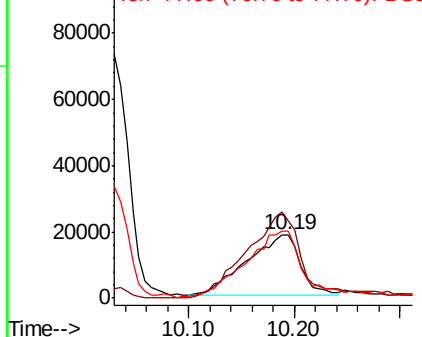


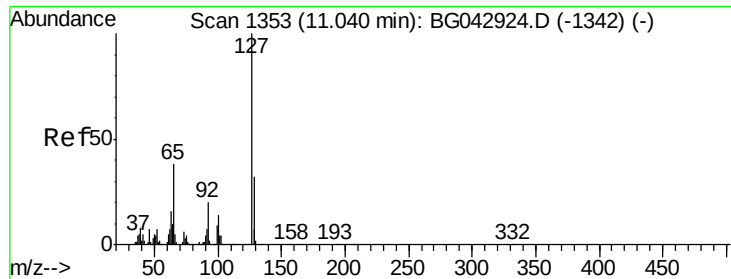
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC





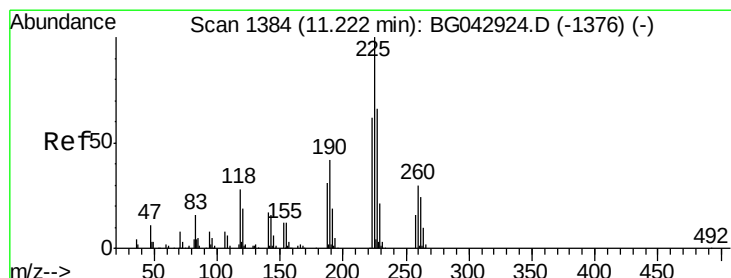
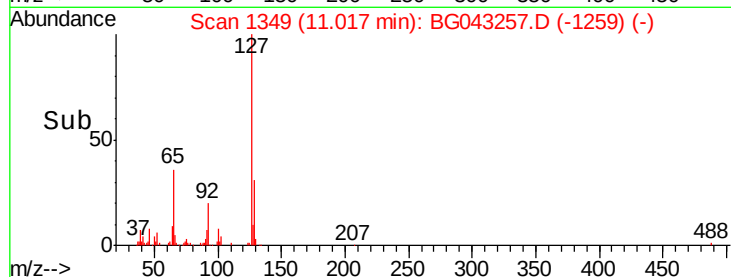
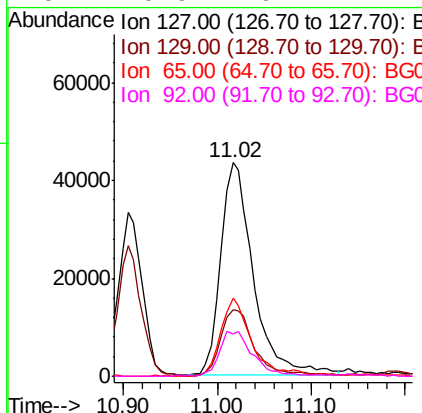
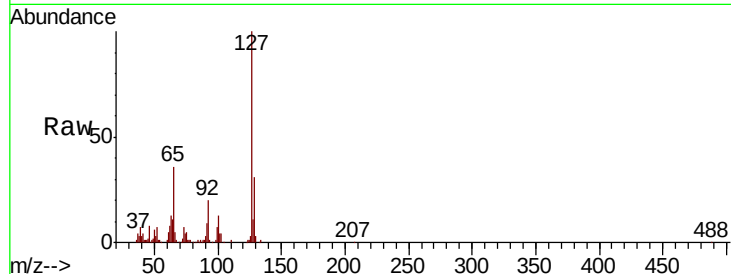
#33
4-Chloroaniline
Concen: 25.037 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	36.3	30.6	45.8
92	19.9	16.2	24.4

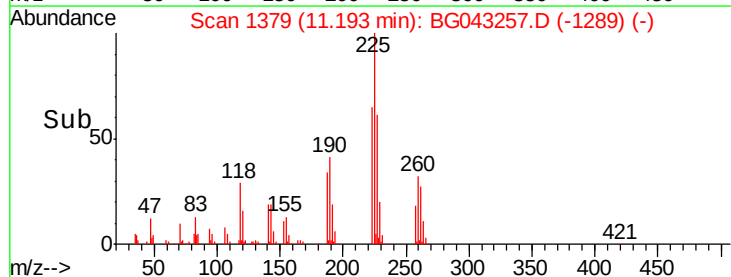
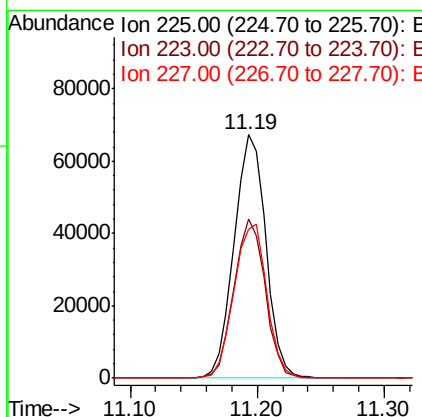
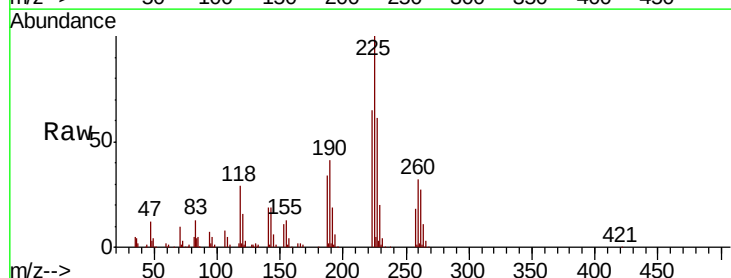
Manual Integrations
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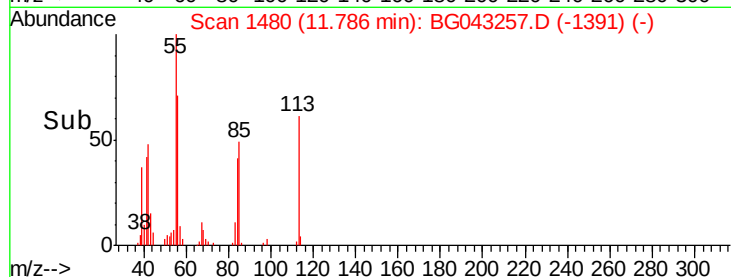
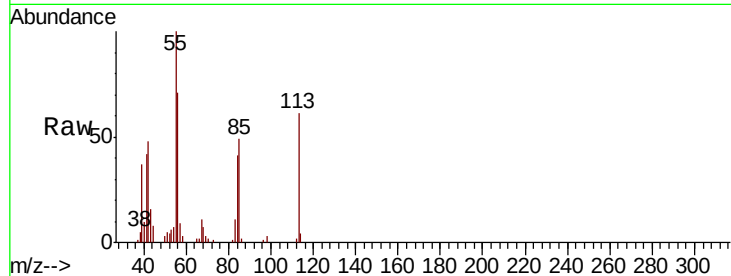
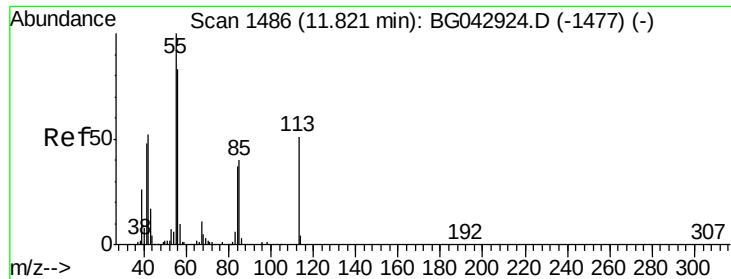
mohammad
10/18/2019 8:26:09 AM



#34
Hexachlorobutadiene
Concen: 38.265 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.3	73.9
227	61.2	52.8	79.2





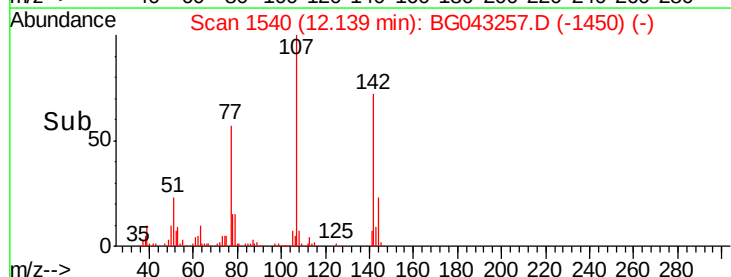
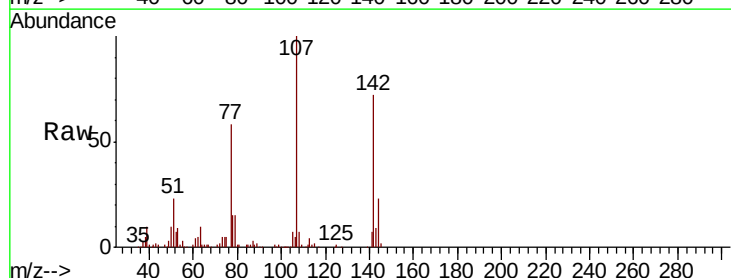
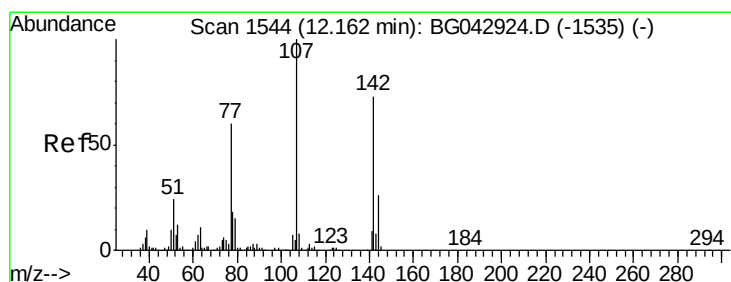
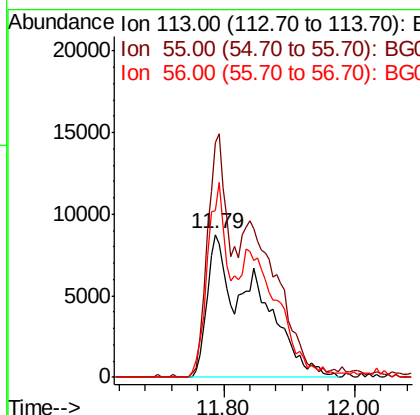
#35
Caprolactam
Concen: 39.978 ng/ml
RT: 11.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.9	175.5	215.5#
56	116.3	142.3	182.3#

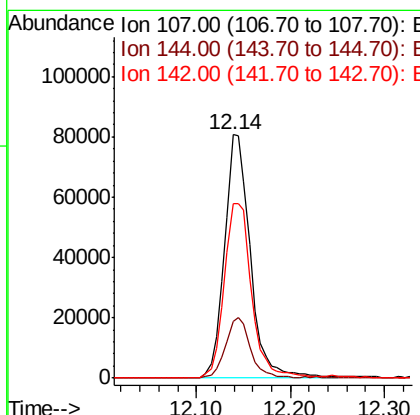
Manual Integrations
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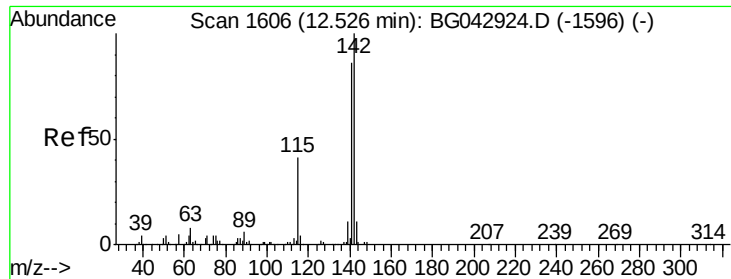
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.931 ng/ml
RT: 12.14 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	20.7	31.1
142	71.5	58.6	87.8





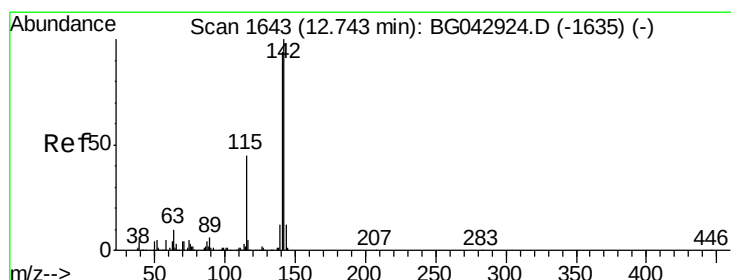
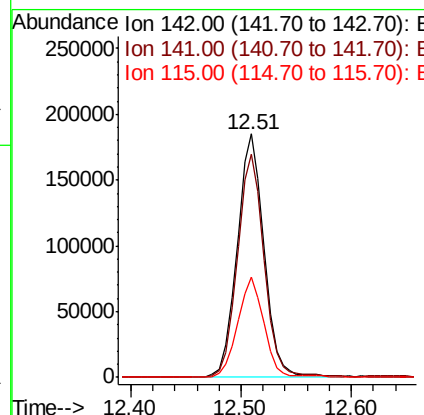
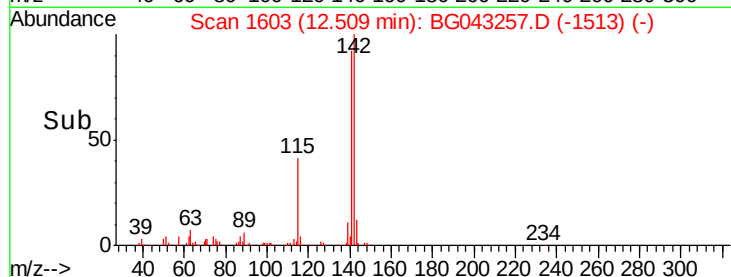
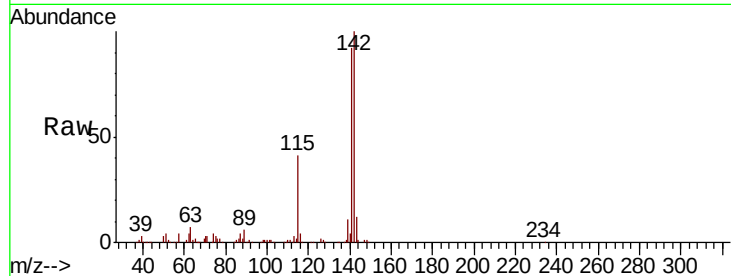
#37
2-Methylnaphthalene
Concen: 42.667 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	69.0	103.4
115	40.9	32.8	49.2

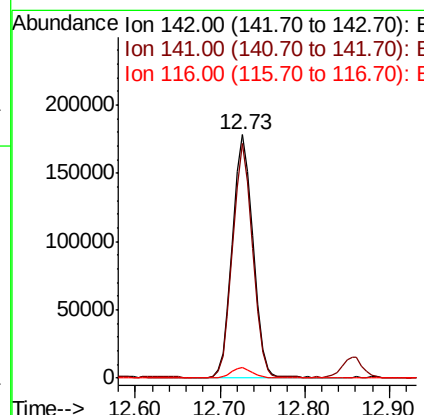
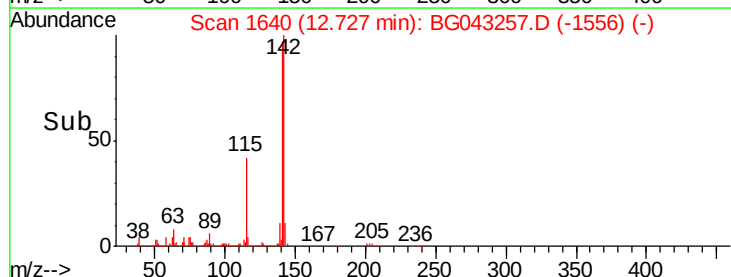
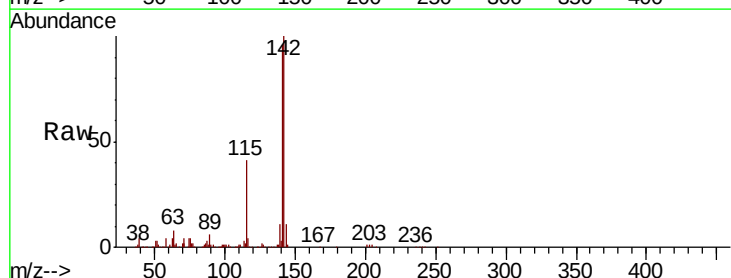
Manual Integrations
APPROVED

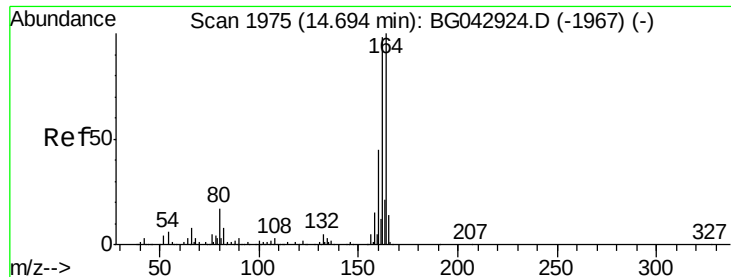
mohammad
10/18/2019 8:26:09 AM



#38
1-Methylnaphthalene
Concen: 42.881 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	74.9	112.3
116	4.4	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

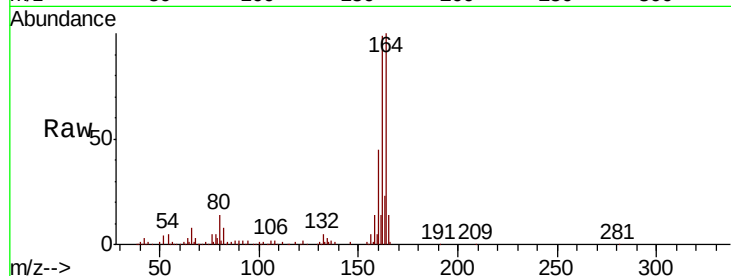
ClientSampleId :

VNJ-230MS

Tot Ion:	164	Resp:	138935
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.5	117.7
160	45.3	35.9	53.9

Manual Integrations
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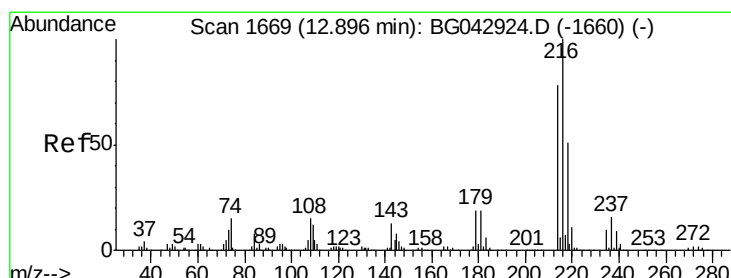
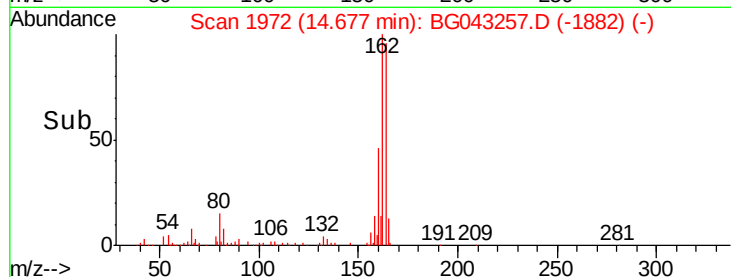
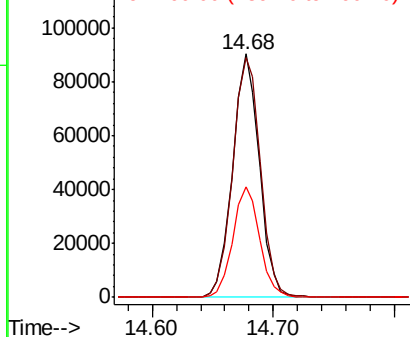


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.119 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	216	Resp:	209573
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.4	93.6
179	19.4	15.4	23.2
108	16.3	12.6	19.0

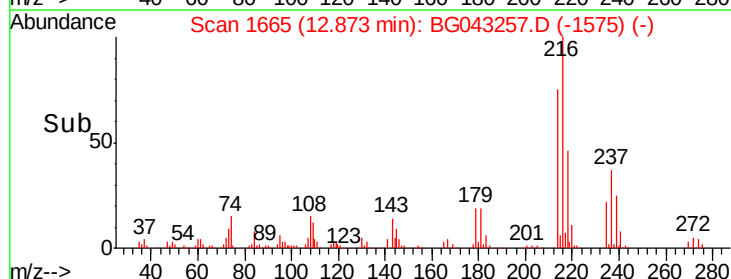
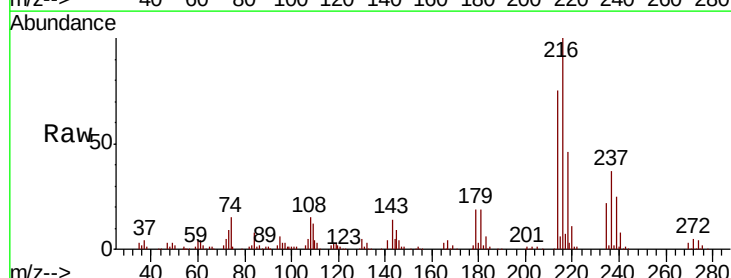
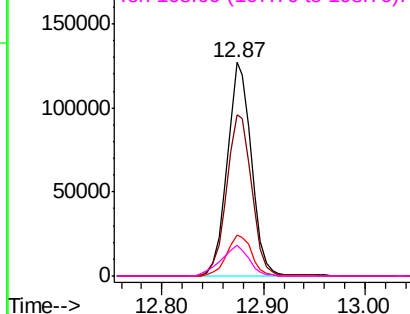
Abundance

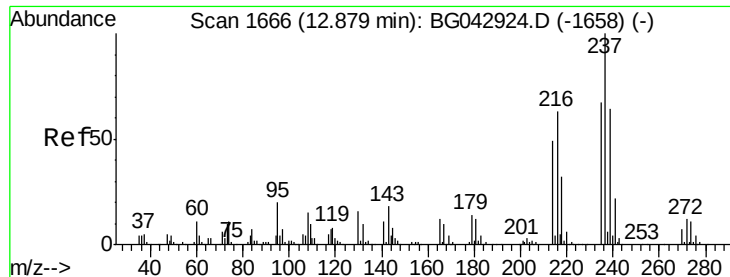
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 77.882 ng

RT: 12.86 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

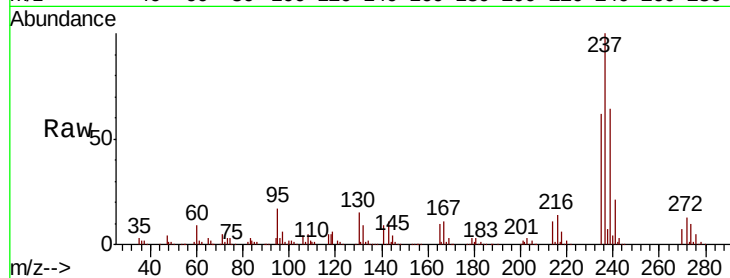
ClientSampleId :

VNJ-230MS

Tot Ion:	237	Resp:	259222
Ion Ratio	Lower	Upper	
237	100		
235	62.2	46.7	86.7
272	13.1	0.0	32.3

Manual Integrations
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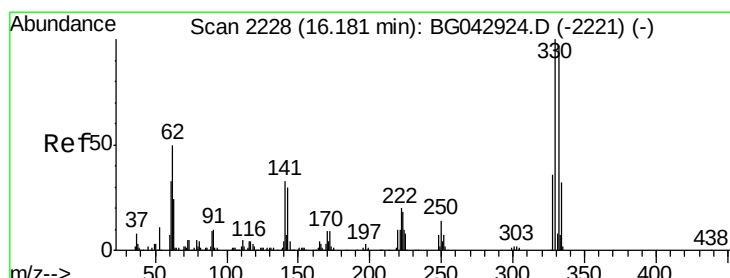
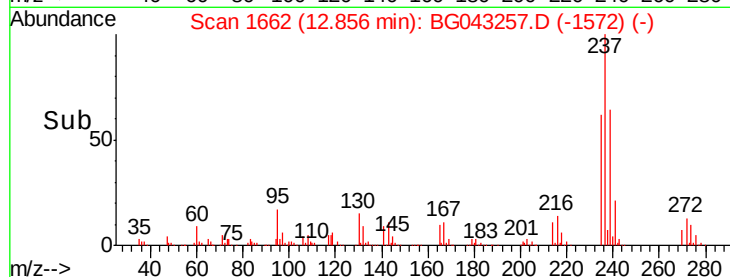
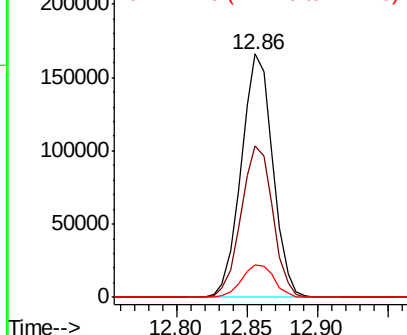


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.565 ng

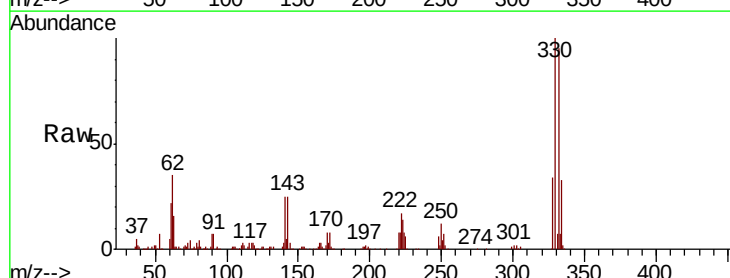
RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	330	Resp:	314318
Ion Ratio	Lower	Upper	
330	100		
332	95.1	78.2	117.2
141	27.3	26.0	39.0

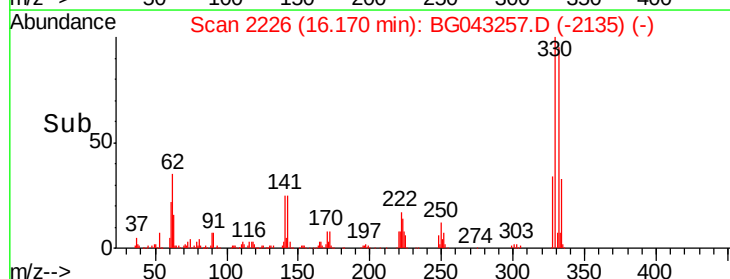
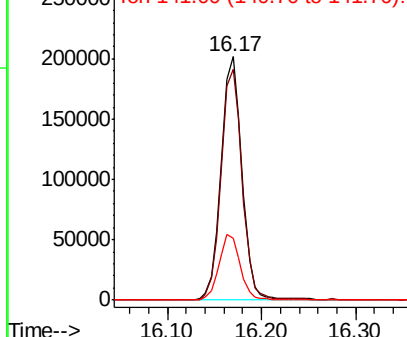


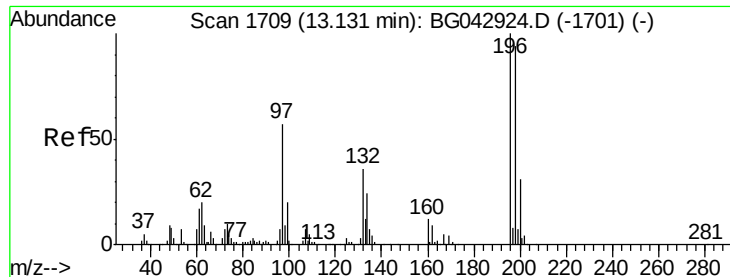
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





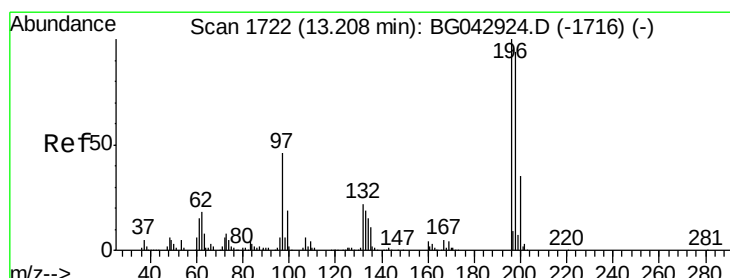
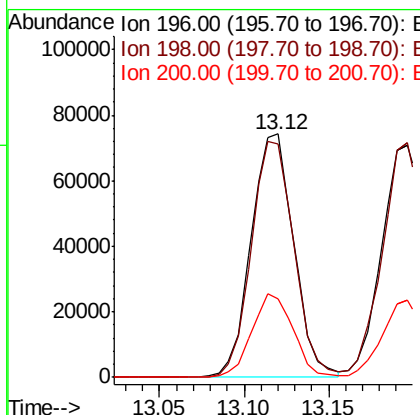
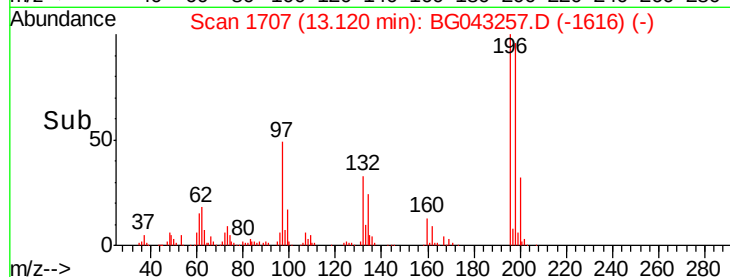
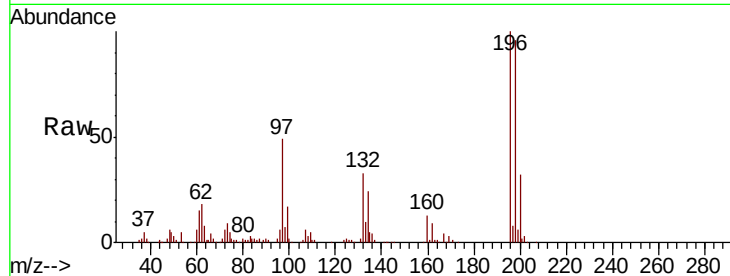
#43
 2,4,6-Trichlorophenol
 Concen: 42.682 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleID :
 VNJ-230MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	130503		
198	95.9	75.5	113.3	
200	32.2	24.9	37.3	

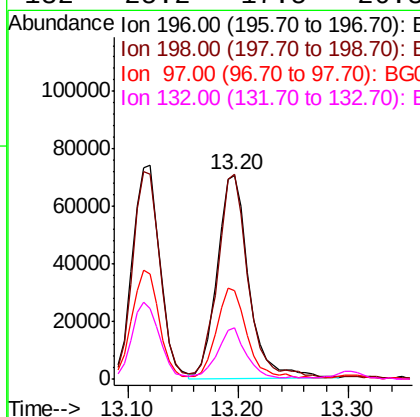
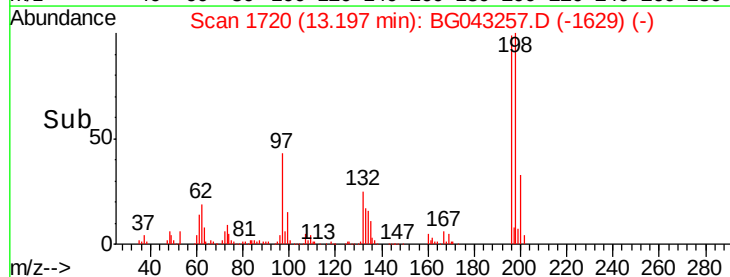
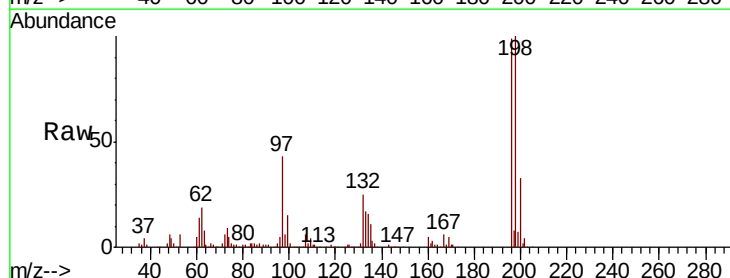
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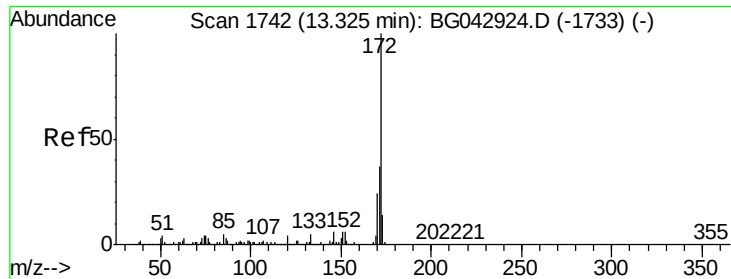
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#44
 2,4,5-Trichlorophenol
 Concen: 44.432 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139950		
198	100.8	75.1	112.7	
97	43.6	37.0	55.4	
132	25.2	17.5	26.3	





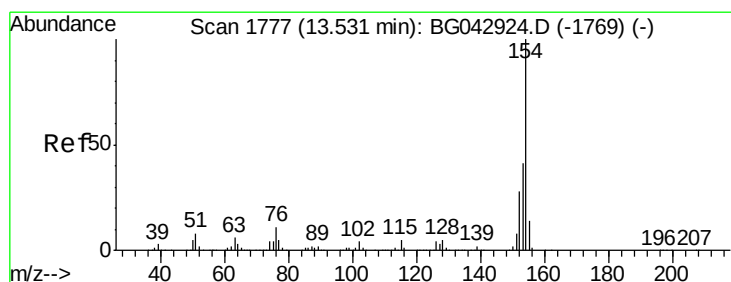
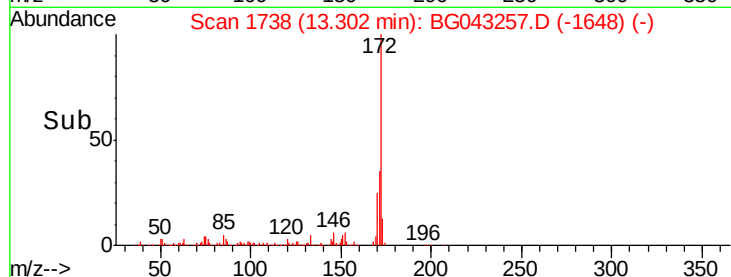
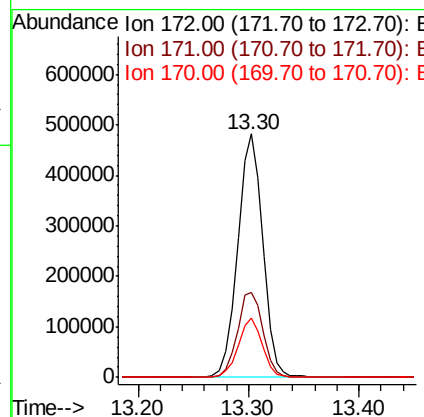
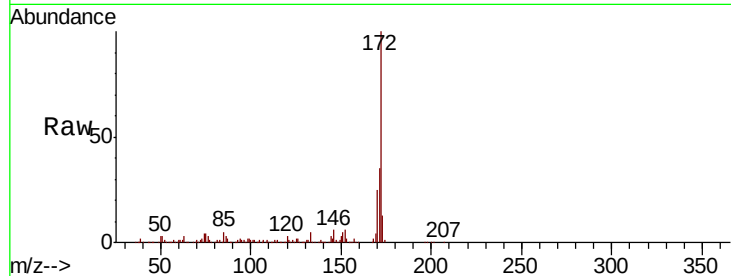
#45
2-Fluorobiphenyl
Concen: 80.178 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	24.6	19.6	29.4

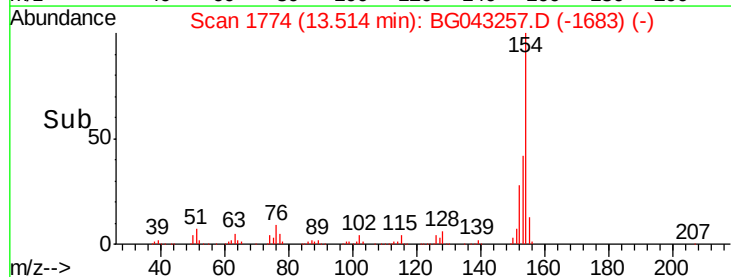
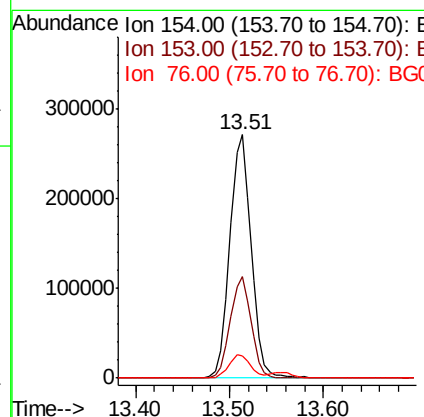
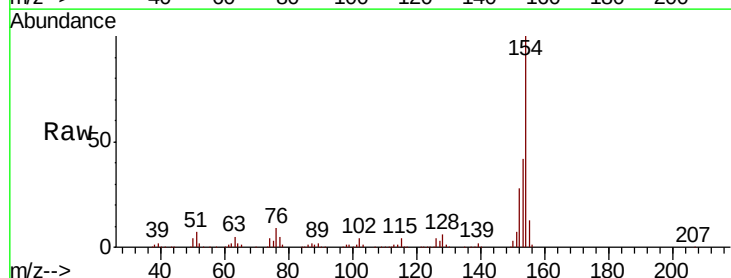
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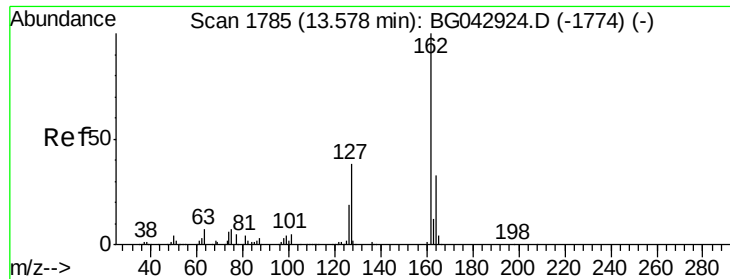
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#46
1,1'-Biphenyl
Concen: 40.803 ng
RT: 13.51 min Scan# 1774
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	9.4	0.0	31.3





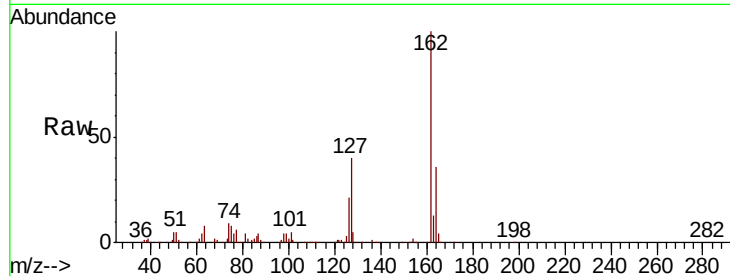
#47
2-Chloronaphthalene
Concen: 41.723 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.0	46.6
164	36.0	26.2	39.2

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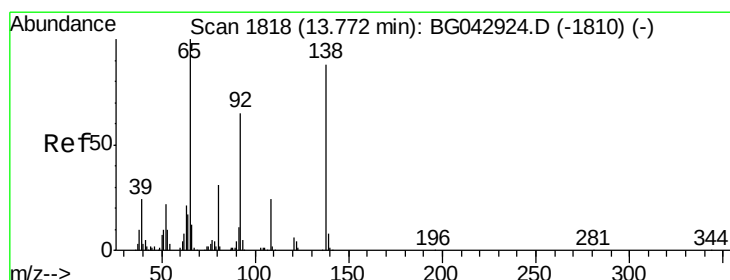
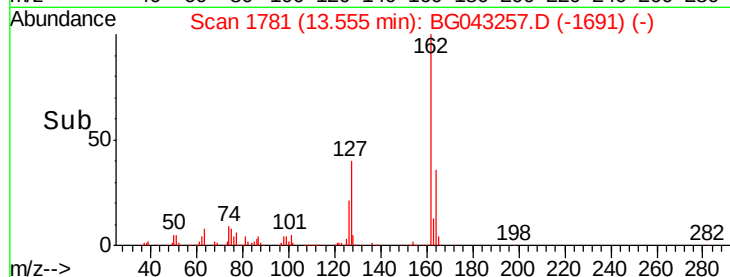
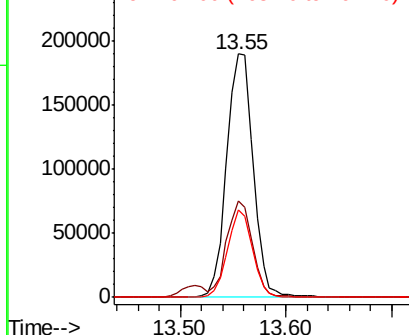


Abundance

Ion 162.00 (161.70 to 162.70): E

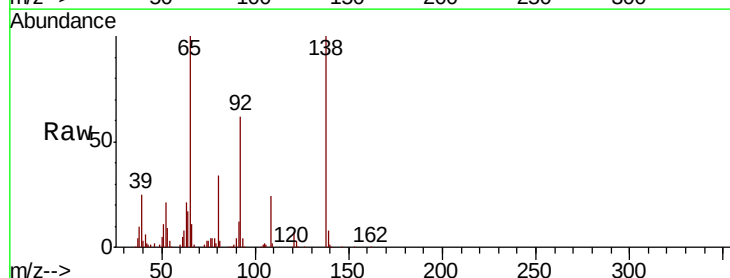
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 38.472 ng
RT: 13.76 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.1	52.0	78.0
138	100.4	70.4	105.6

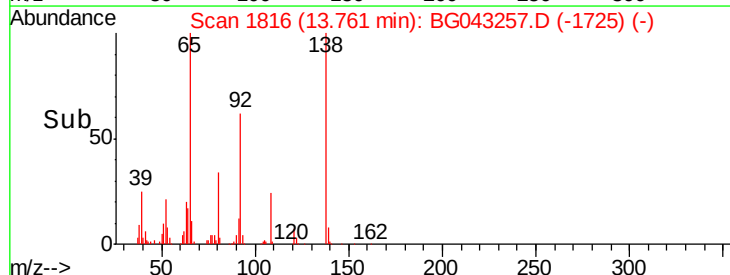
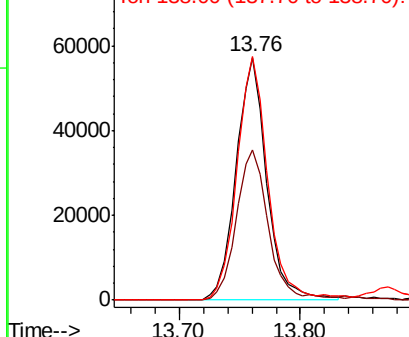


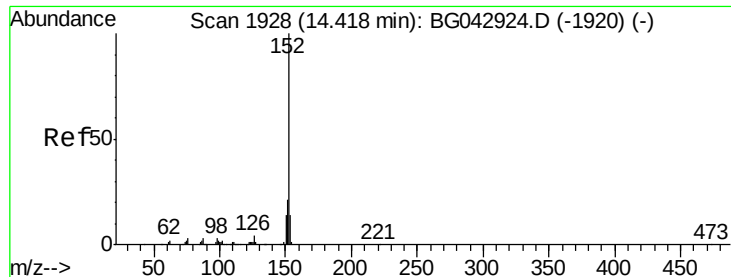
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.497 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

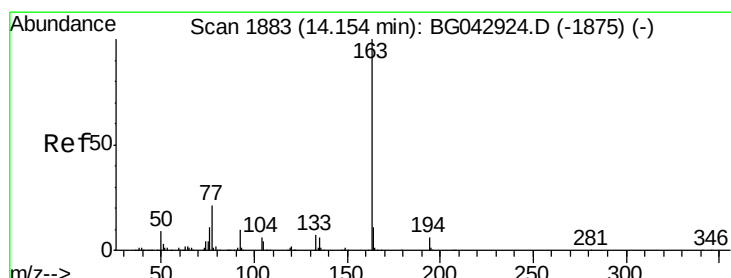
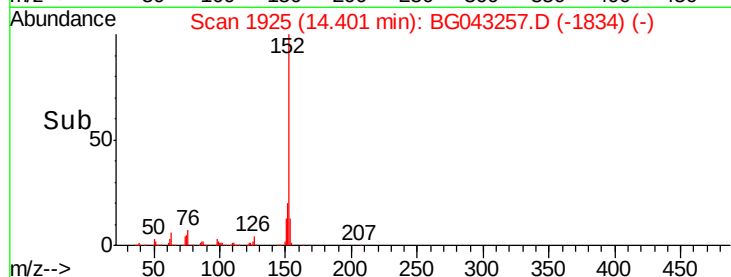
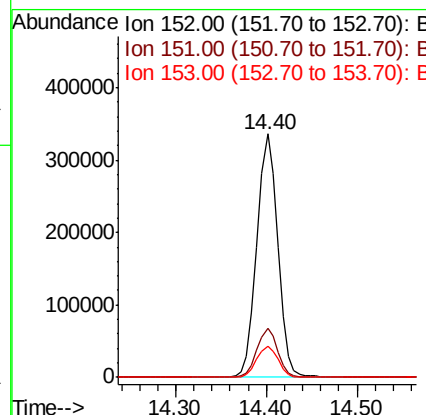
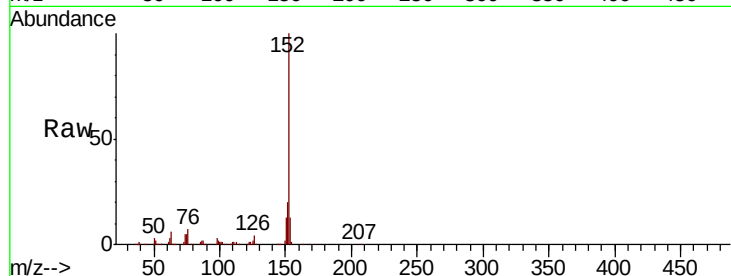
ClientSampleId :

VNJ-230MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		537845		
151	20.3	16.8	25.2		
153	13.0	11.3	16.9		

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#50

Dimethylphthalate

Concen: 48.858 ng

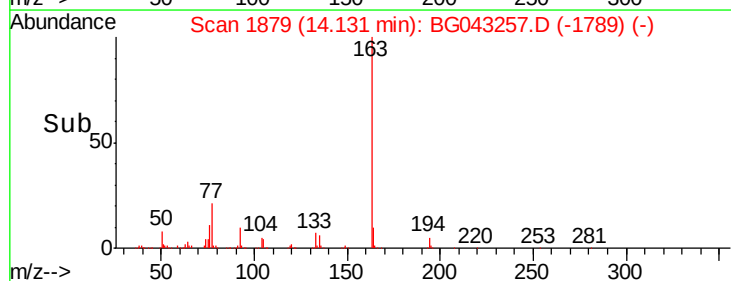
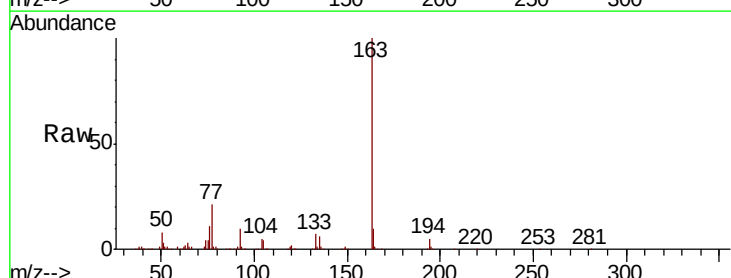
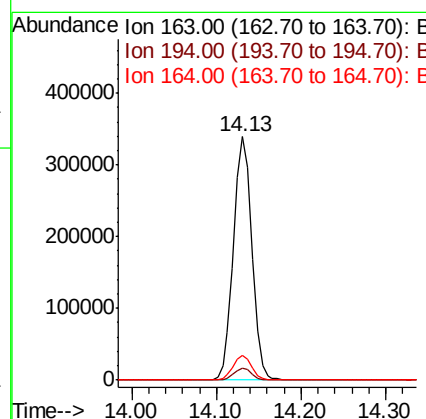
RT: 14.13 min Scan# 1879

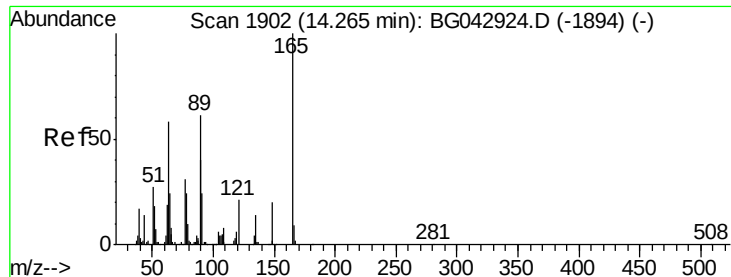
Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		508605		
194	5.0	4.4	6.6		
164	10.4	8.6	12.8		





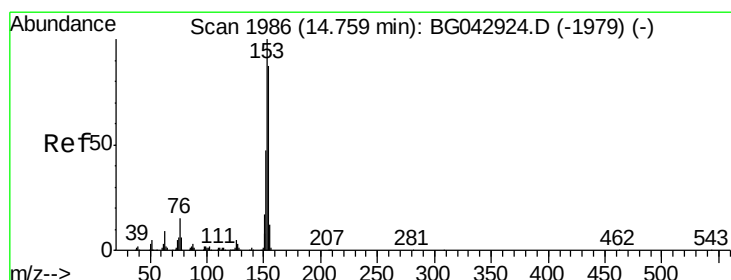
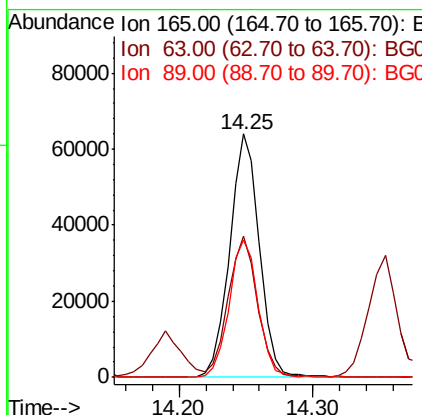
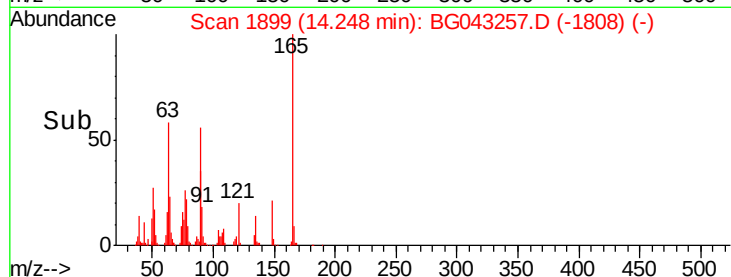
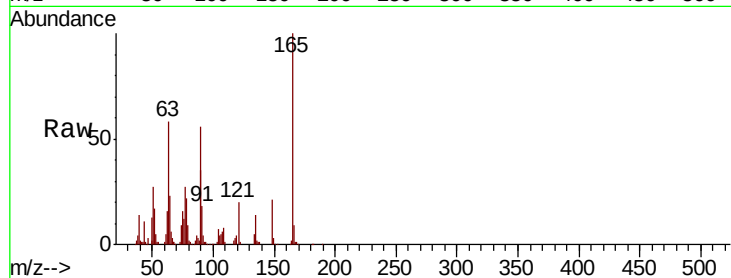
#51
 2,6-Dinitrotoluene
 Concen: 44.711 ng
 RT: 14.25 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.0	50.3	75.5
89	56.5	48.9	73.3

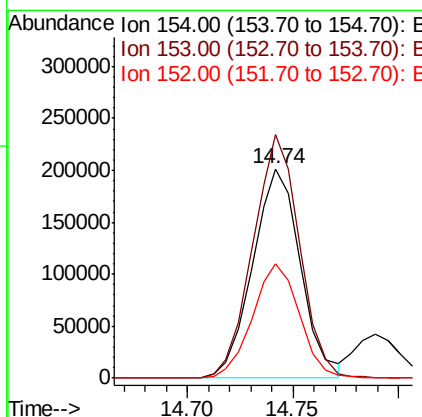
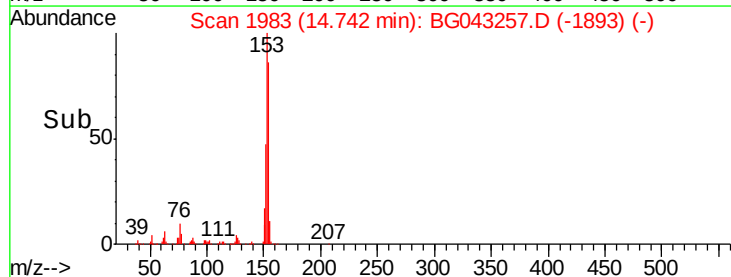
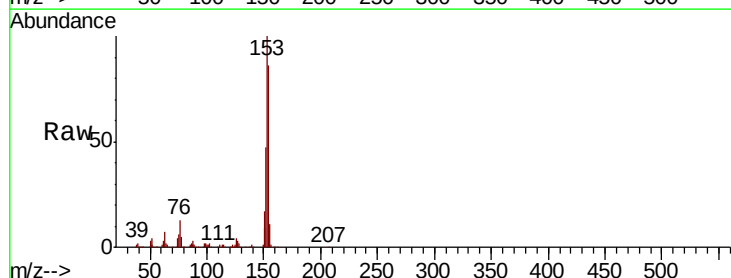
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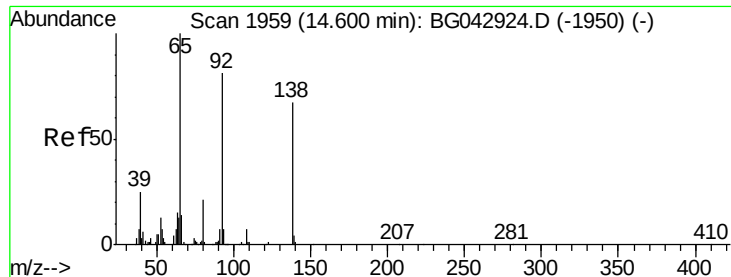
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#52
 Acenaphthene
 Concen: 39.087 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.4	137.0
152	54.3	42.8	64.2





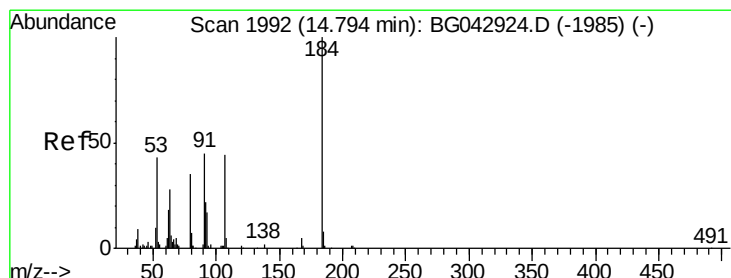
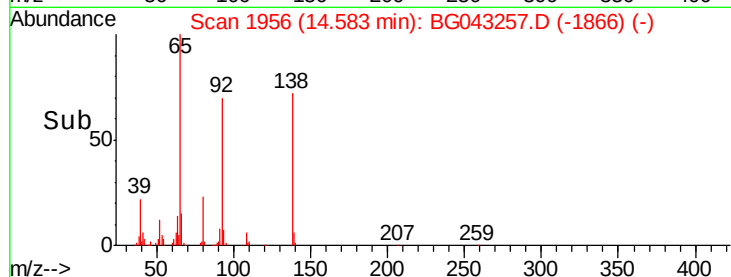
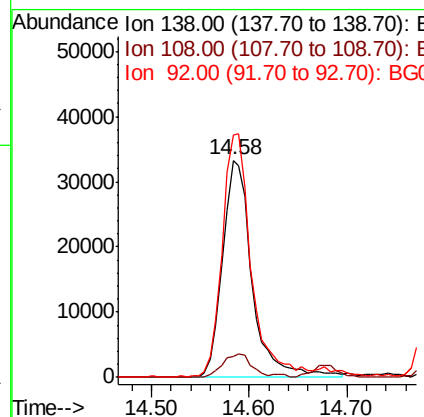
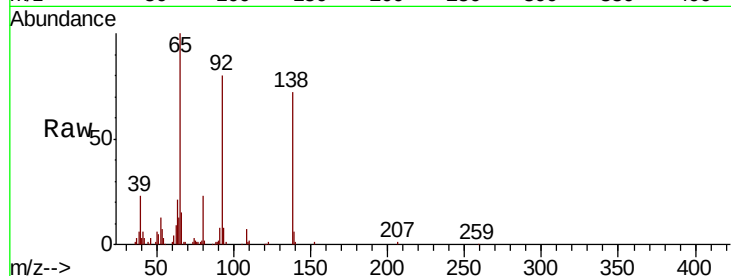
#53
3-Nitroaniline
Concen: 30.490 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.9	11.9
92	111.5	97.0	145.6

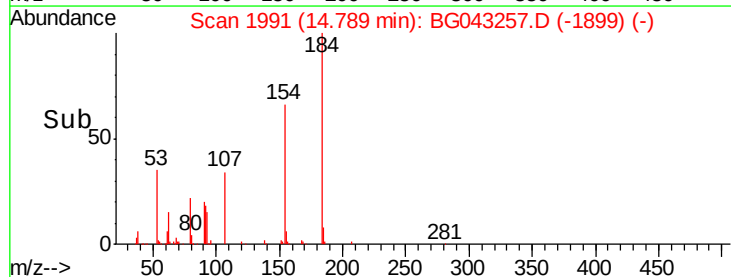
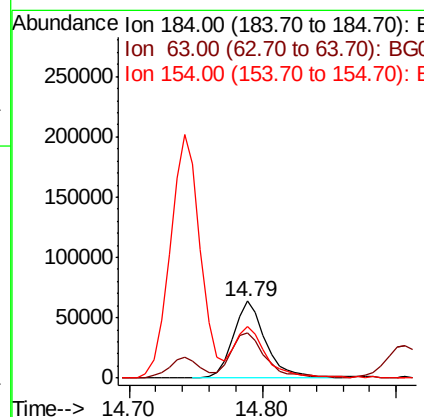
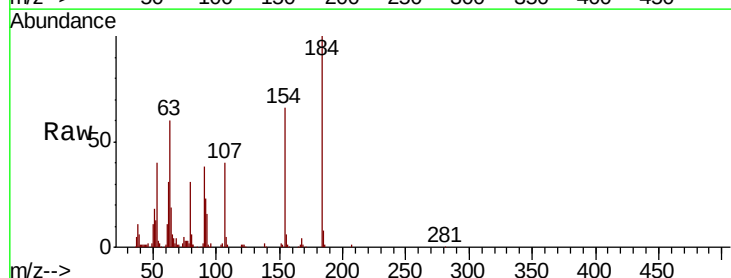
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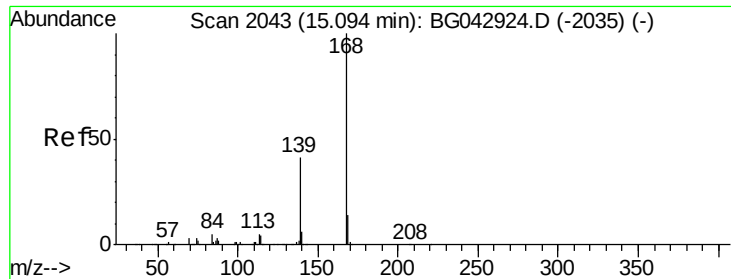
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#54
2,4-Dinitrophenol
Concen: 78.967 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.6	55.0	82.6
154	66.3	56.5	84.7





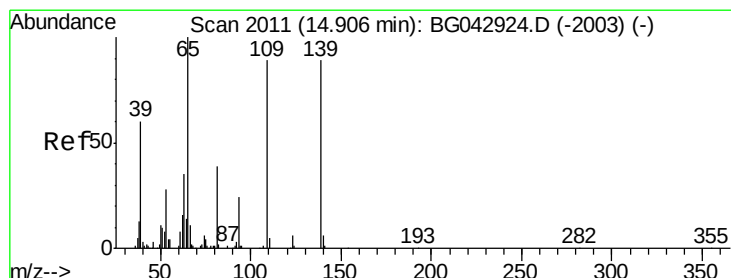
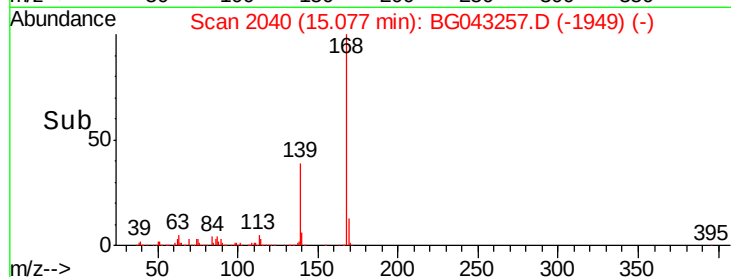
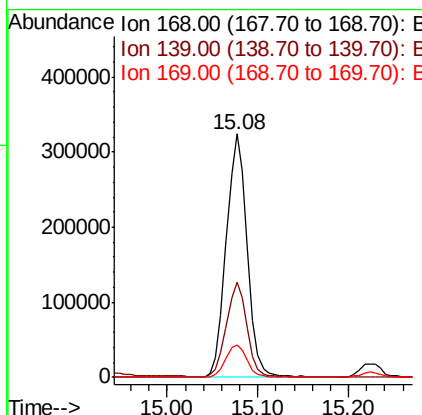
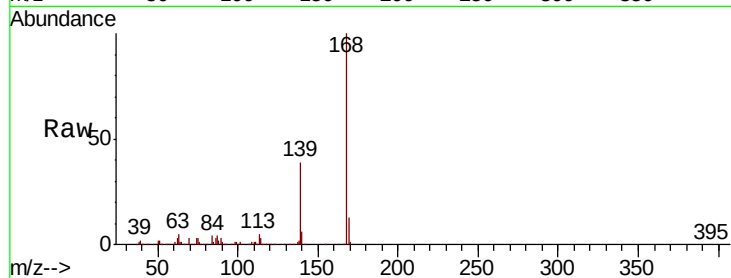
#55
Dibenzofuran
Concen: 43.386 ng
RT: 15.08 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.6	48.8
169	13.1	11.2	16.8

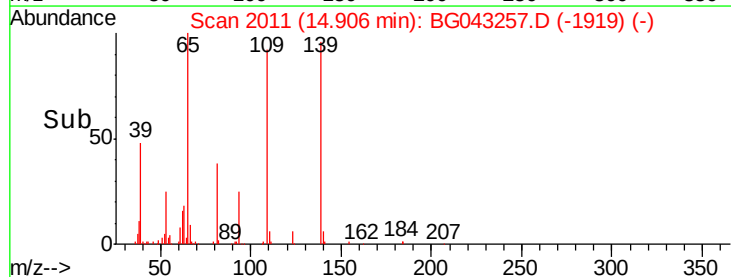
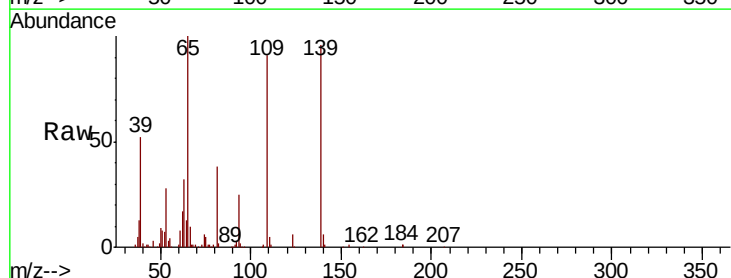
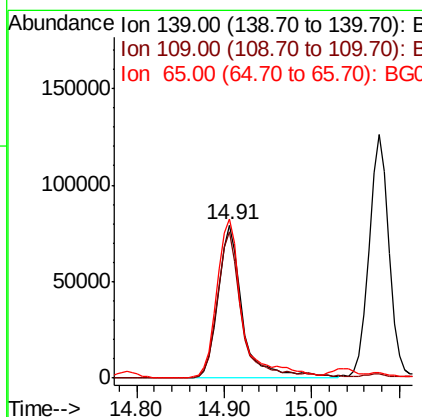
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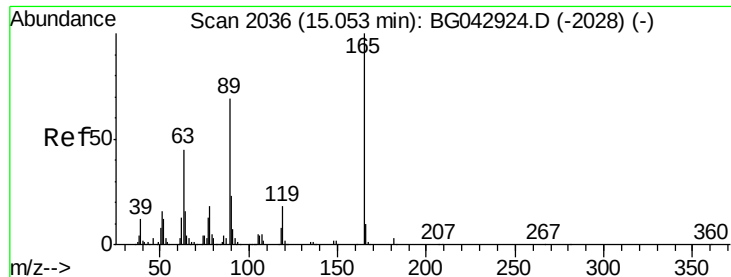
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#56
4-Nitrophenol
Concen: 88.095 ng
RT: 14.91 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.3	79.4	119.4
65	104.4	92.5	132.5





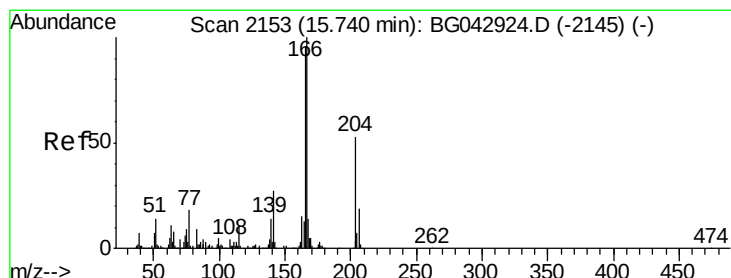
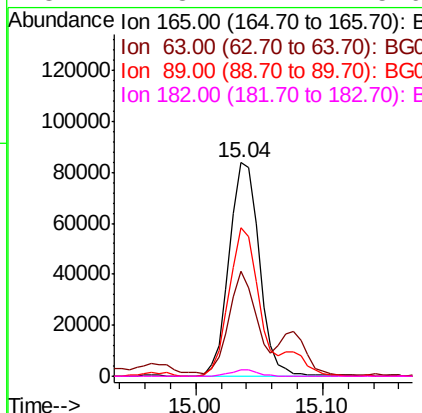
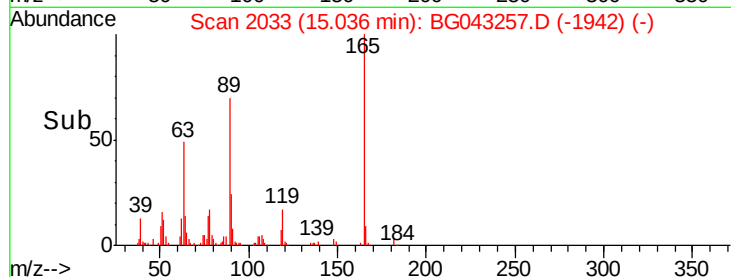
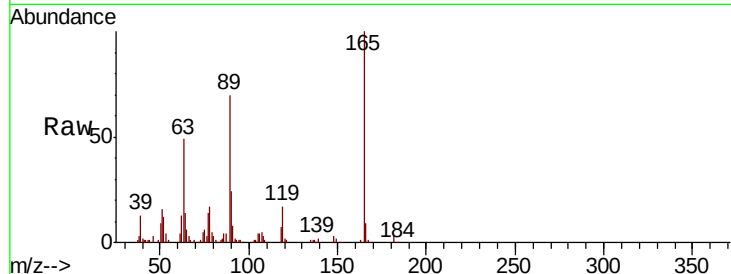
#57
 2,4-Dinitrotoluene
 Concen: 42.592 ng
 RT: 15.04 min Scan# 2033
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	138269		
63	49.3	36.5	54.7	
89	69.8	55.5	83.3	
182	2.8	2.4	3.6	

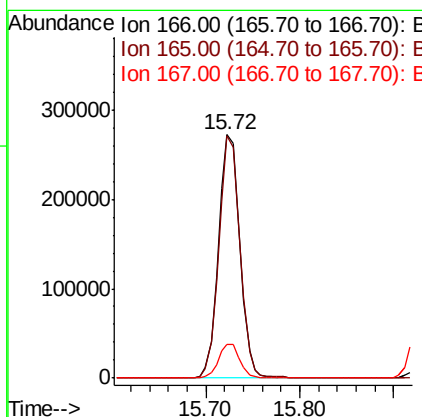
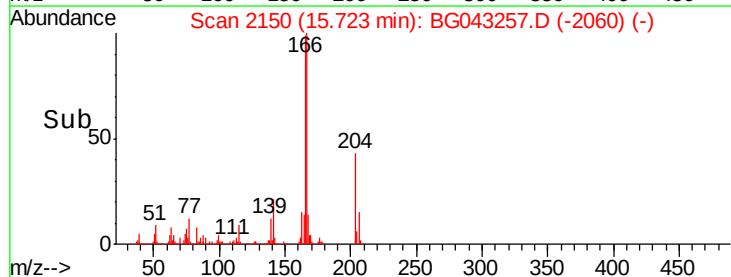
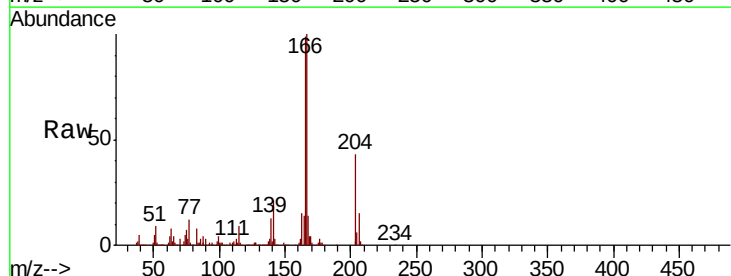
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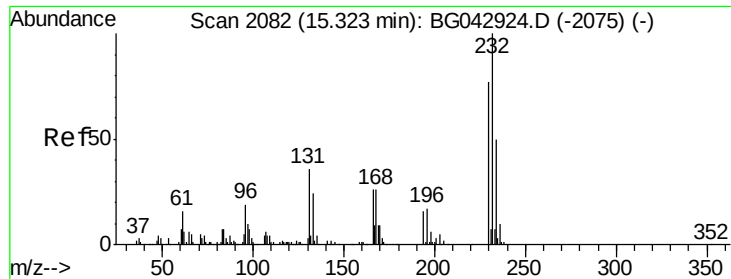
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#58
 Fluorene
 Concen: 42.489 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	434153		
165	99.3	77.1	115.7	
167	14.0	11.0	16.6	





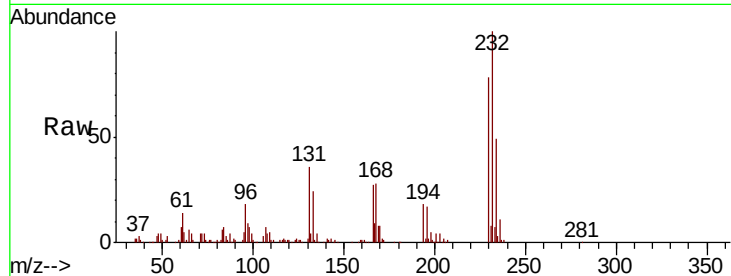
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.725 ng
 RT: 15.31 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	37.4	29.6	44.4	
130	2.1	1.9	2.9	
166	26.8	21.8	32.8	

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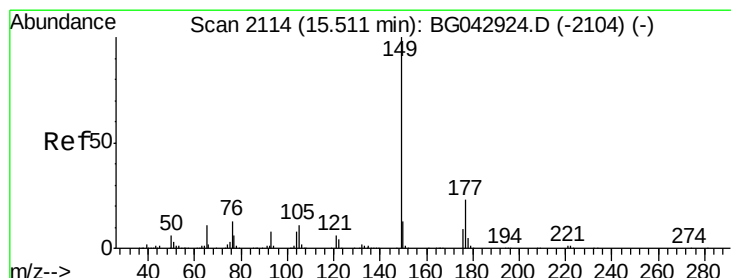
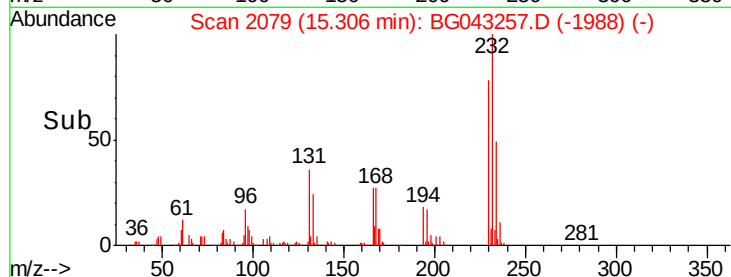
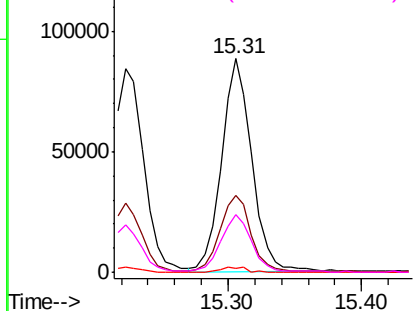
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

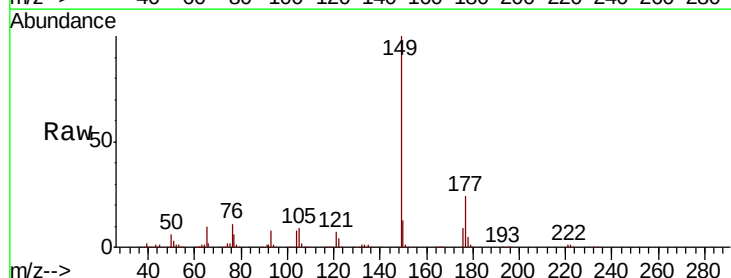
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.834 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.6	18.8	28.2	
150	12.8	10.6	15.8	

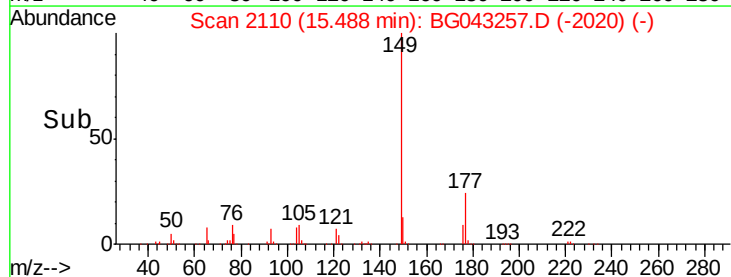
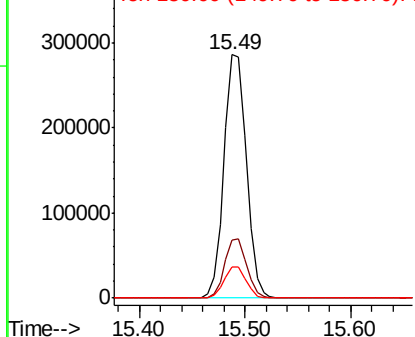


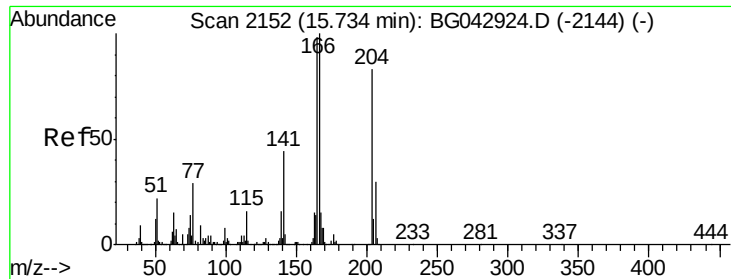
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





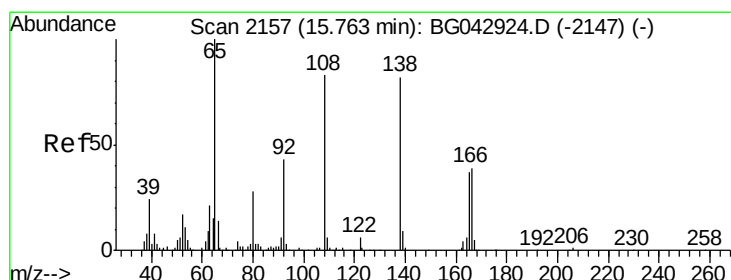
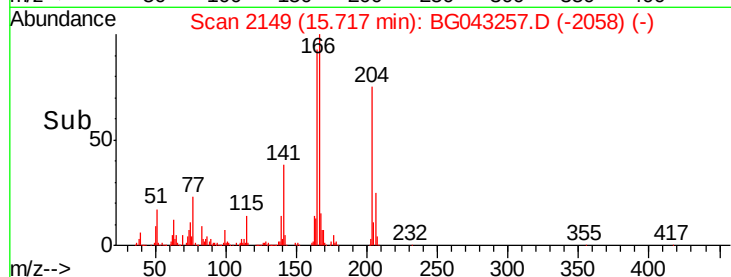
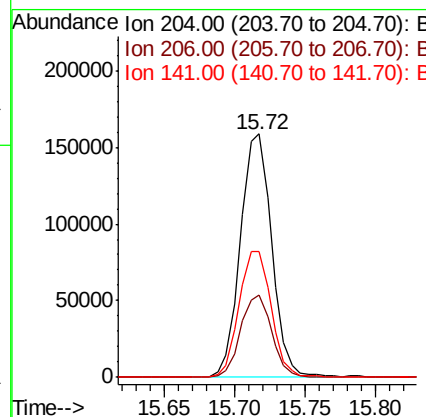
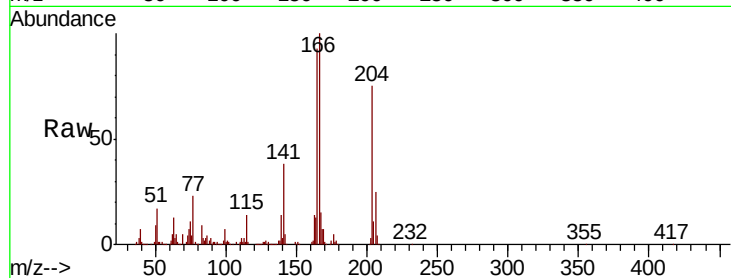
#61
4-Chlorophenyl-phenylether
Concen: 40.264 ng
RT: 15.72 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.9	28.5	42.7
141	51.5	42.4	63.6

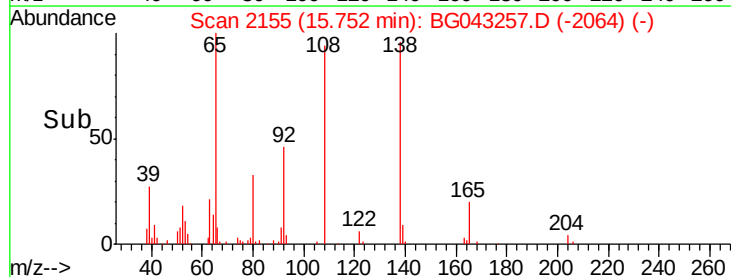
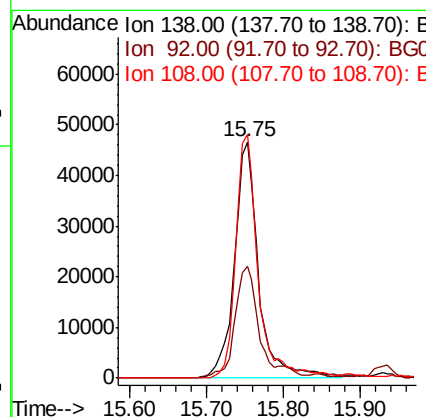
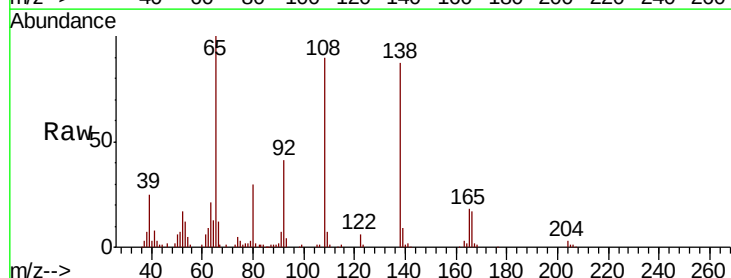
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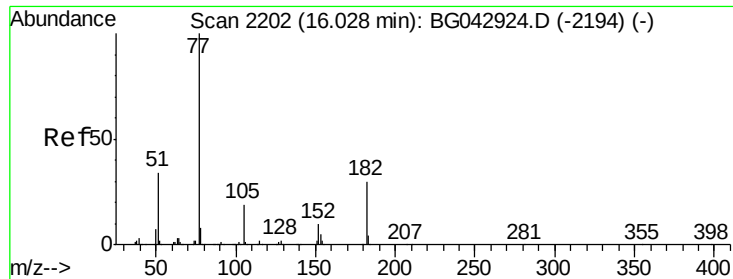
mohammad
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#62
4-Nitroaniline
Concen: 40.892 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.2	32.9	72.9
108	103.1	81.3	121.3





#63

Azobenzene

Concen: 38.151 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

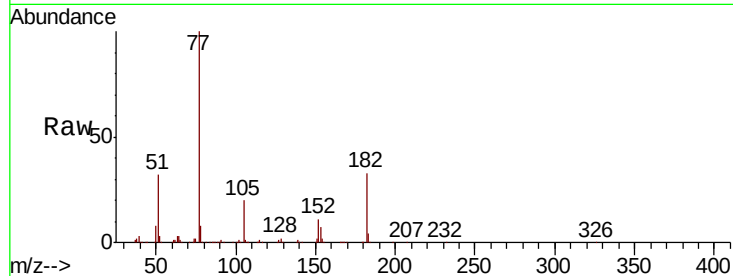
ClientSampleId :

VNJ-230MS

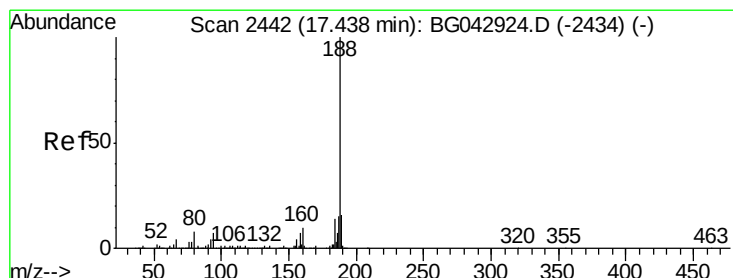
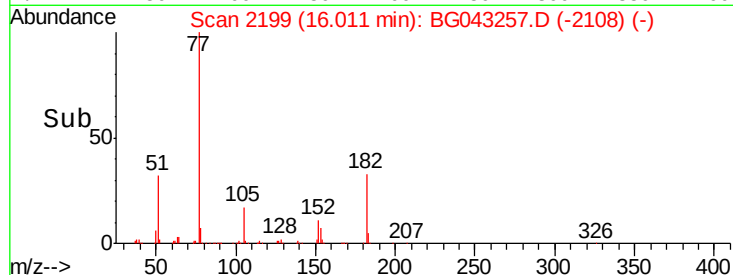
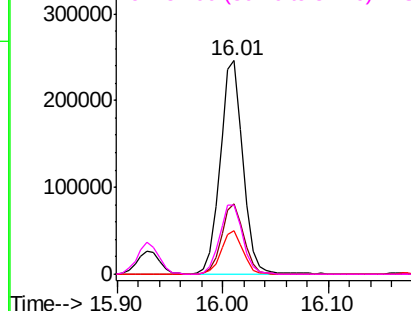
Tot Ion:	77	Resp:	367975
Ion Ratio	Lower	Upper	
77	100		
182	32.8	10.2	50.2
105	20.1	0.0	39.1
51	32.2	13.9	53.9

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



#64

Phenanthrene-d10

Concen: 20.000 ng

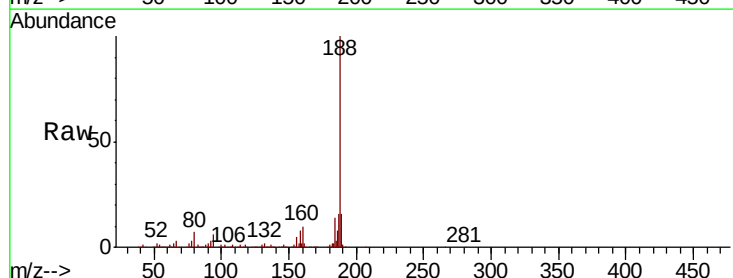
RT: 17.43 min Scan# 2440

Delta R.T. 0.01 min

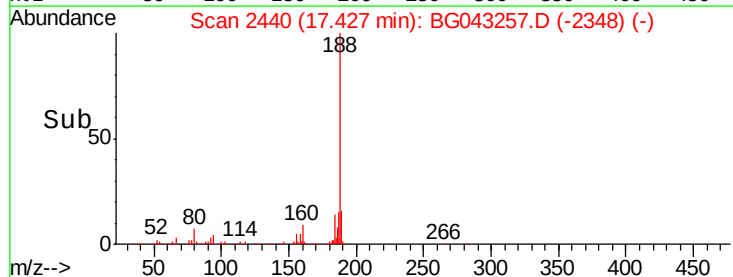
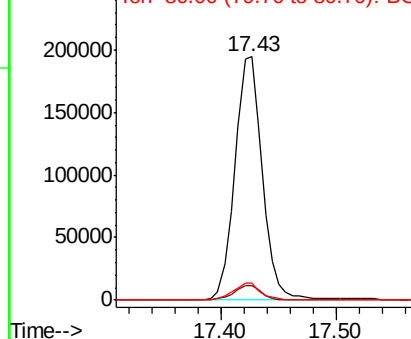
Lab File: BG043257.D

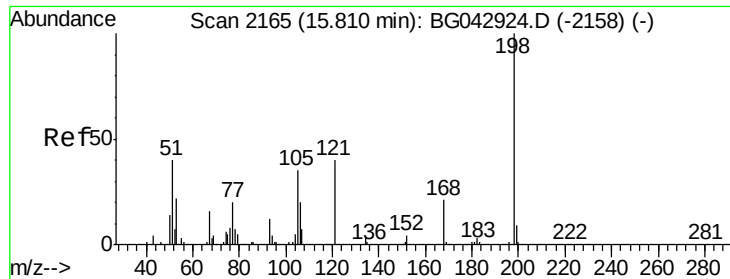
Acq: 16 Oct 2019 22:49

Tgt Ion:	188	Resp:	319887
Ion Ratio	Lower	Upper	
188	100		
94	5.7	5.7	8.5
80	7.1	6.5	9.7



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





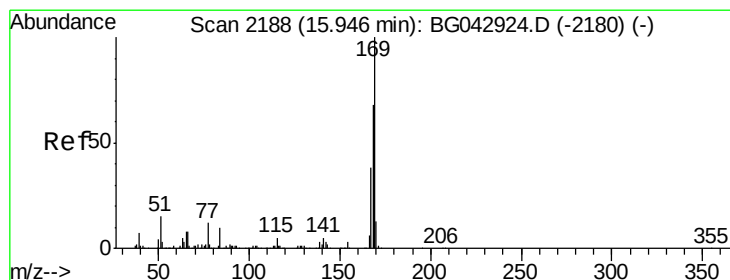
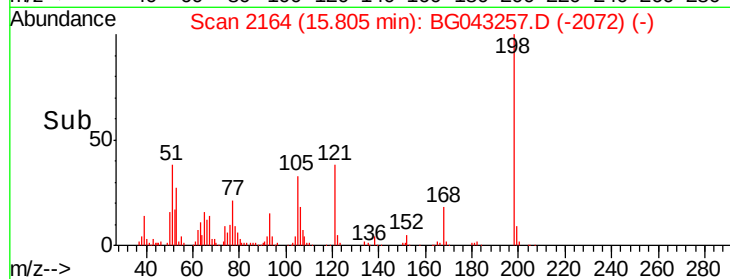
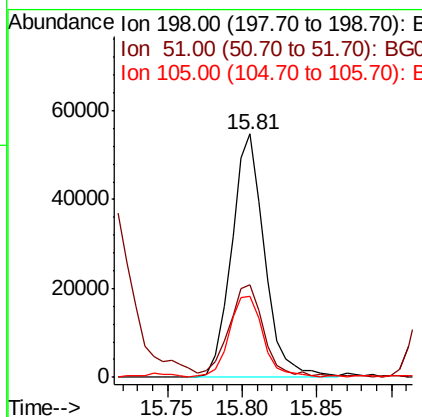
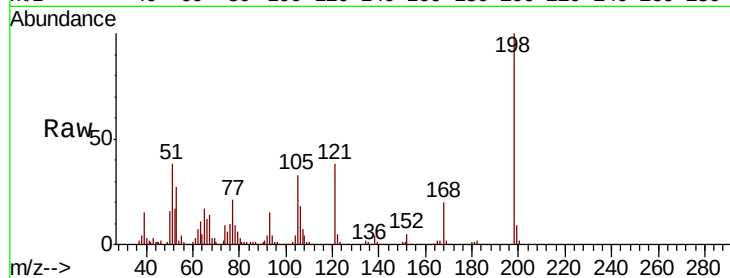
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.522 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	84210		
51	37.9		25.3	65.3
105	33.3		16.6	56.6

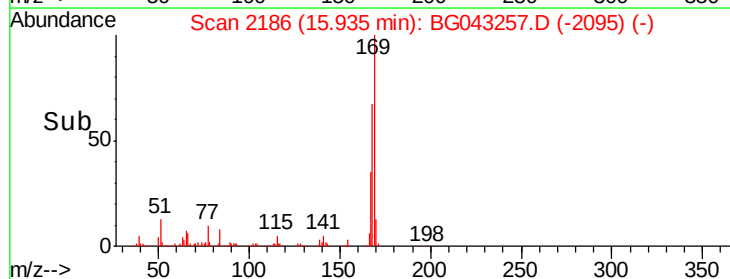
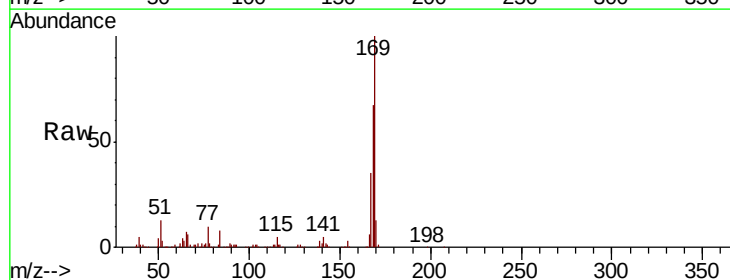
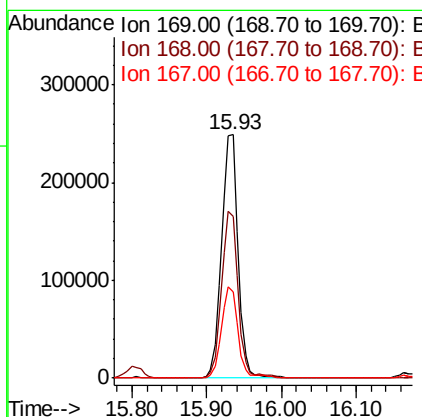
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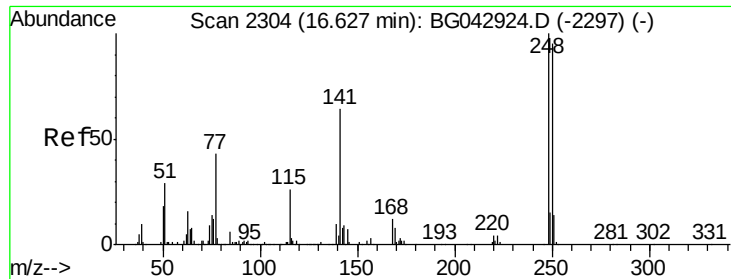
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 45.491 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	384150		
168	66.6		54.8	82.2
167	35.2		30.6	46.0





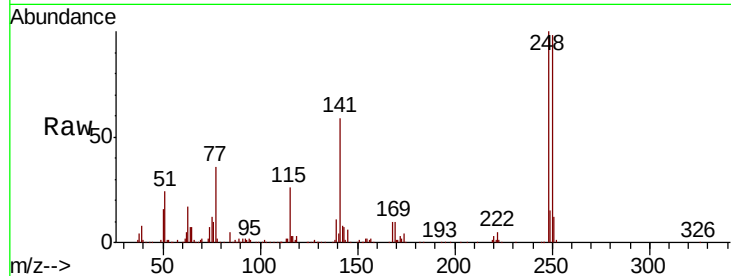
#67
4-Bromophenyl-phenylether
Concen: 44.045 ng
RT: 16.61 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.8	113.8
141	59.1	51.1	76.7

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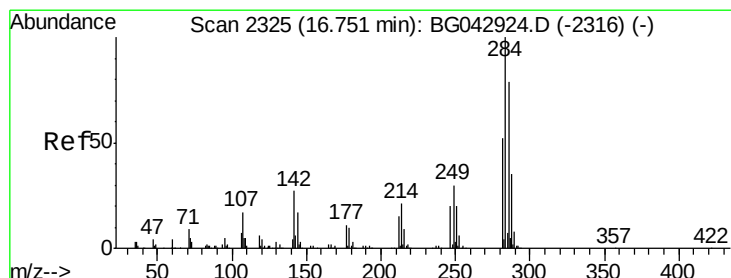
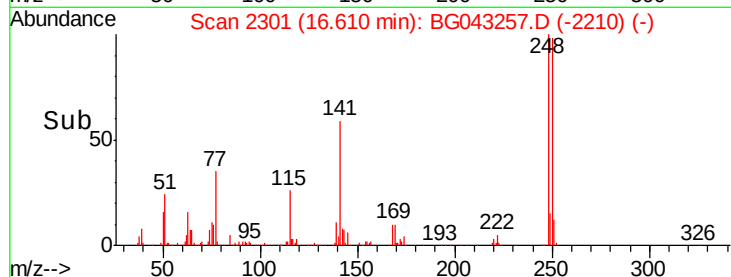
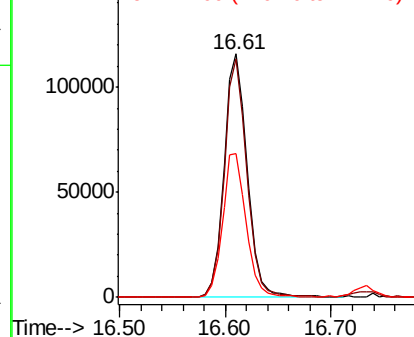


Abundance

Ion 248.00 (247.70 to 248.70): E

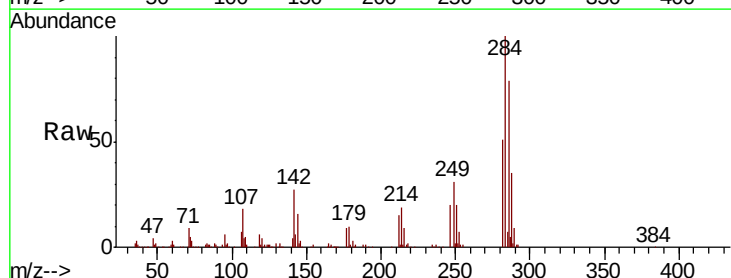
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.368 ng
RT: 16.73 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	30.9	24.1	36.1

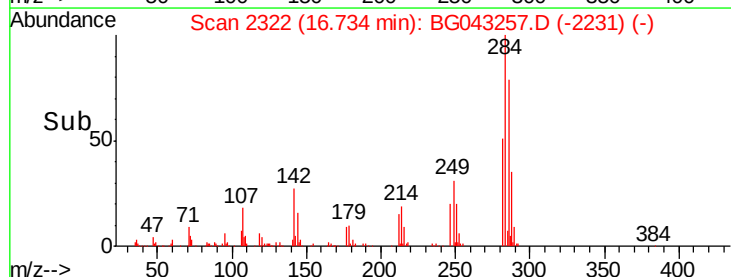
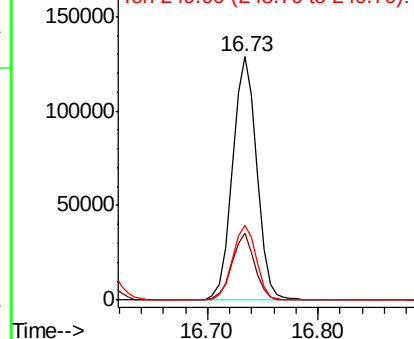


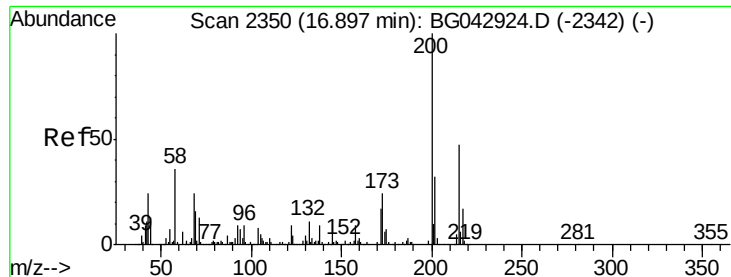
Abundance

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





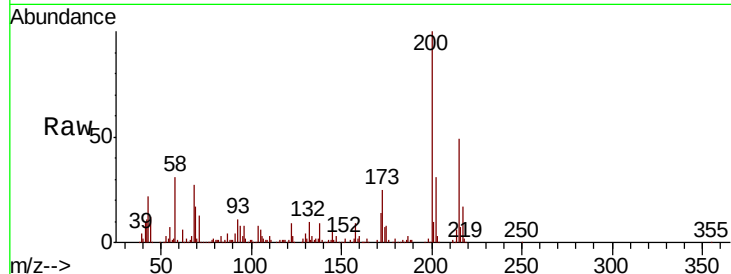
#69
Atrazine
Concen: 40.406 ng
RT: 16.87 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	4.0	44.0
215	49.4	27.4	67.4

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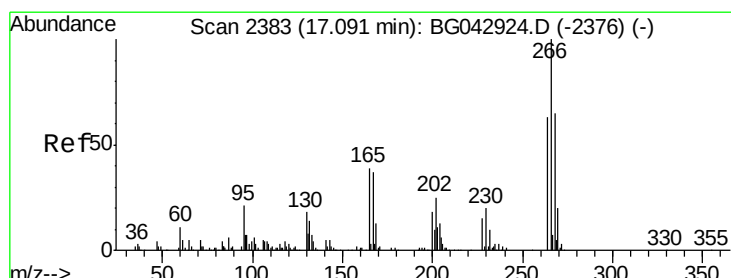
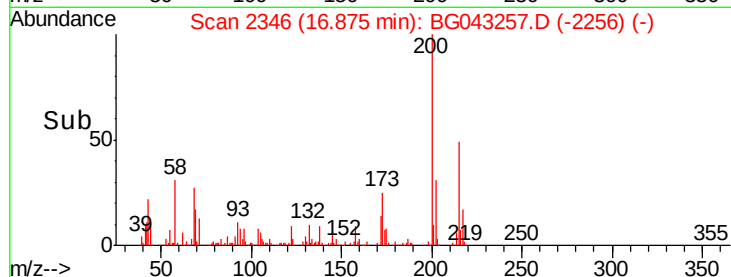
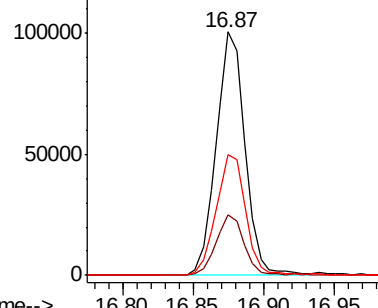


Abundance

Ion 200.00 (199.70 to 200.70): E

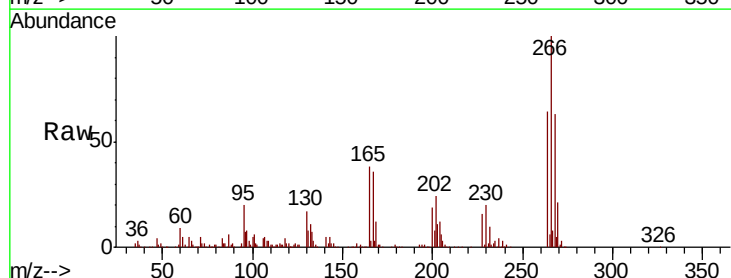
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.746 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	52.2	78.2
264	64.1	50.7	76.1

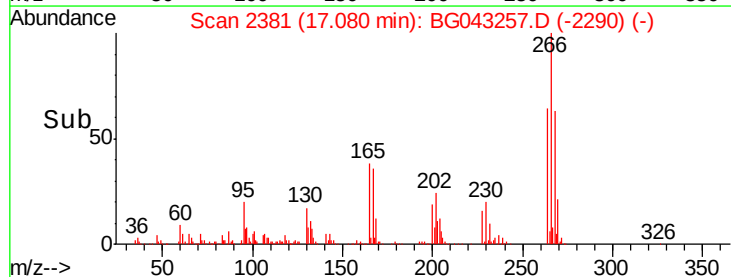
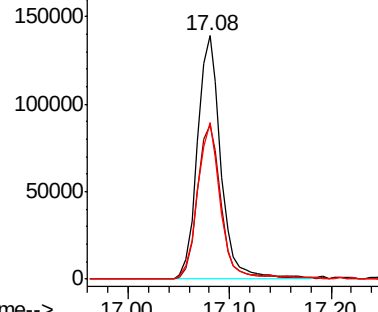


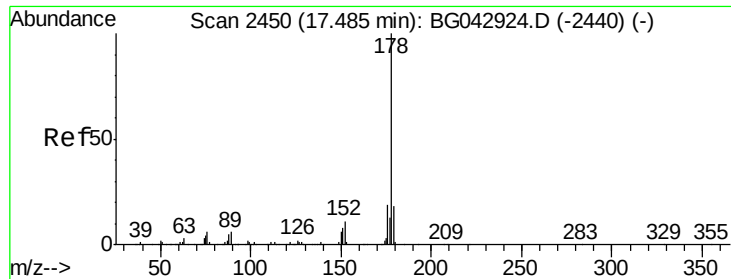
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





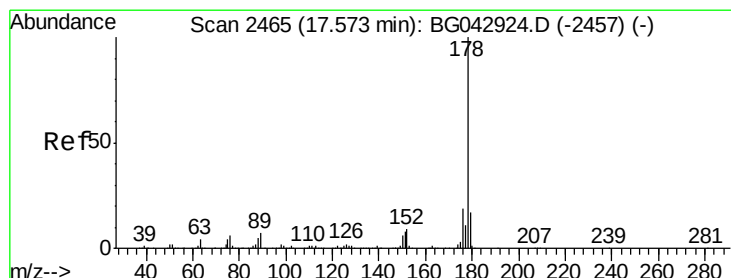
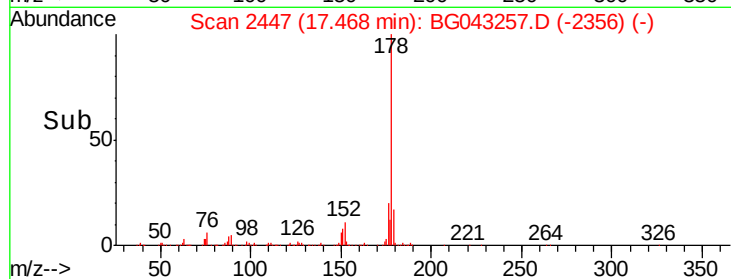
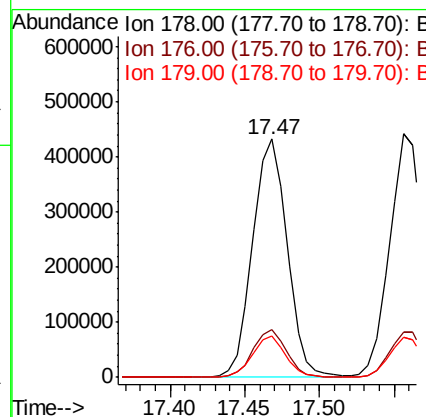
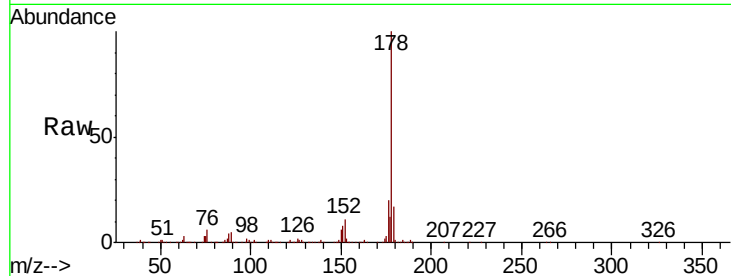
#71
Phenanthrene
Concen: 44.240 ng
RT: 17.47 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Instrument :
BNA_G
ClientSampleId :
VNJ-230MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.1	22.7
179	17.3	14.1	21.1

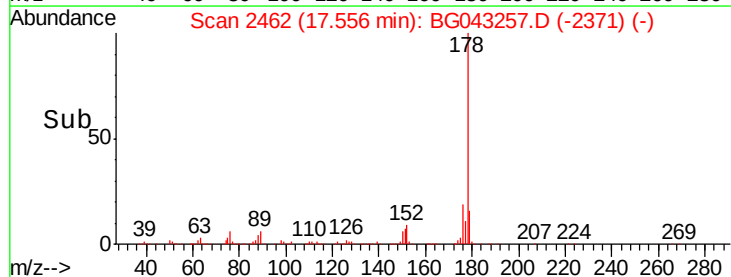
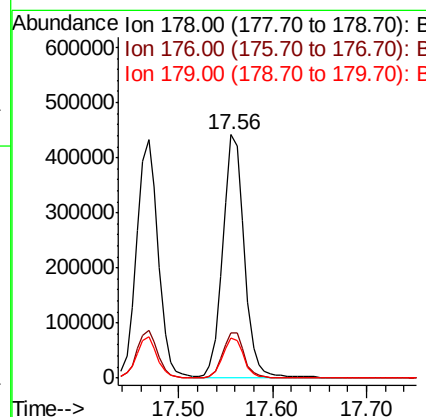
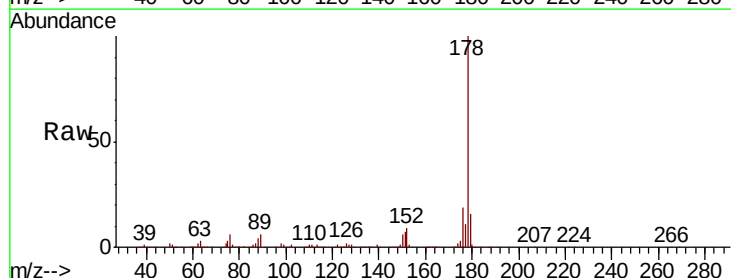
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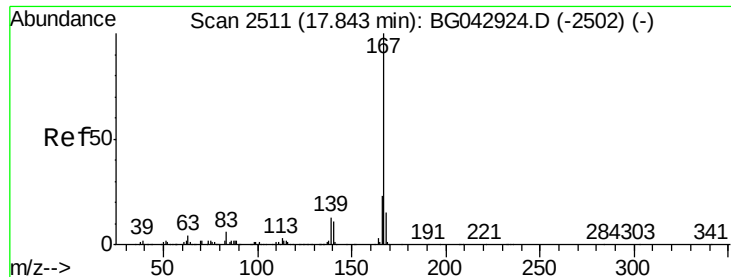
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#72
Anthracene
Concen: 45.417 ng
RT: 17.56 min Scan# 2462
Delta R.T. 0.00 min
Lab File: BG043257.D
Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.4	13.5	20.3





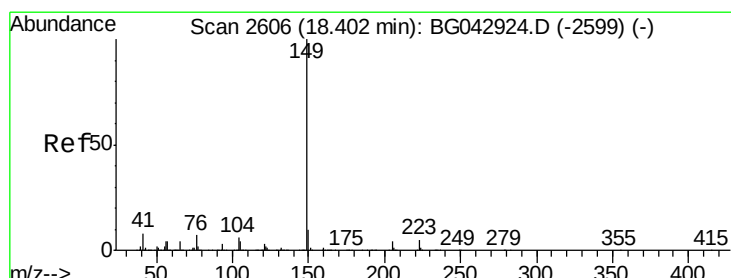
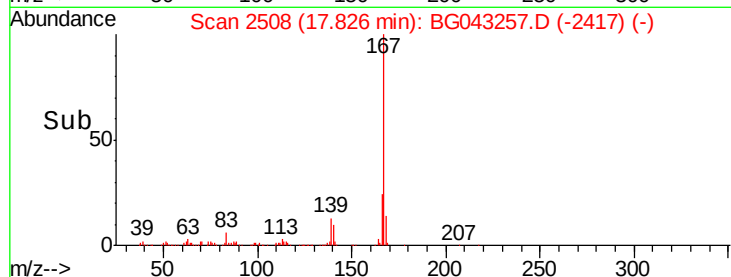
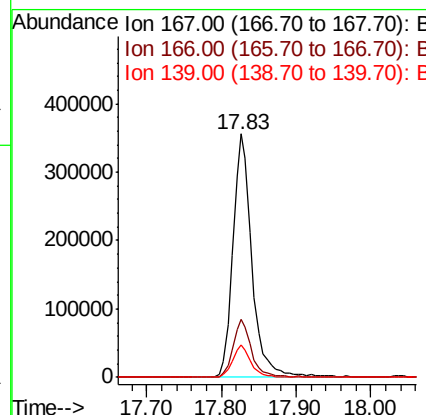
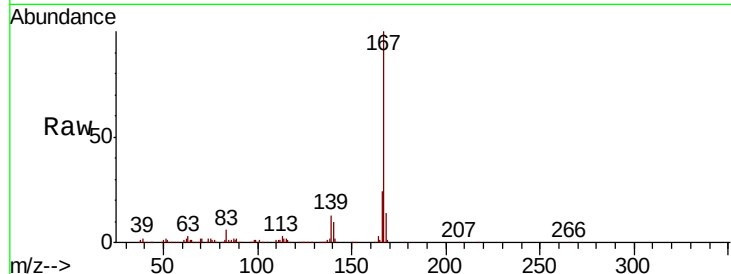
#73
 Carbazole
 Concen: 43.879 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Tot Ion:	167	Resp:	634391
Ion Ratio	Lower	Upper	
167	100		
166	23.7	18.6	28.0
139	13.1	10.8	16.2

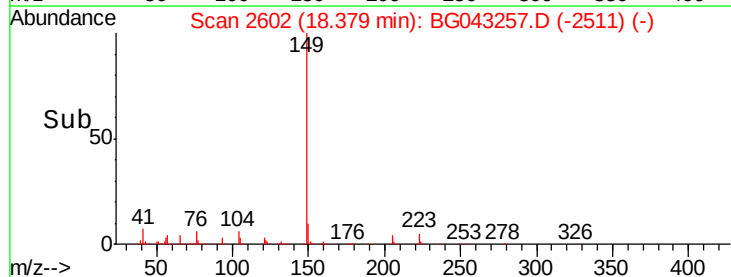
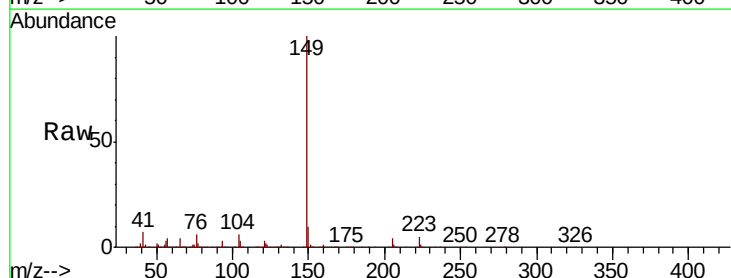
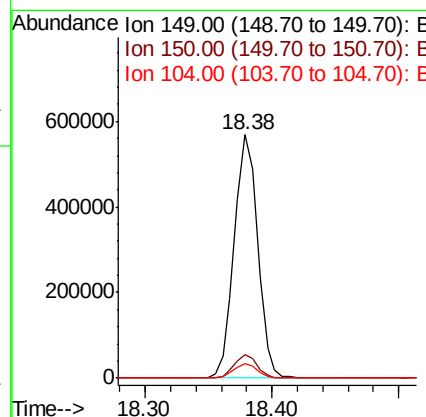
Manual Integrations
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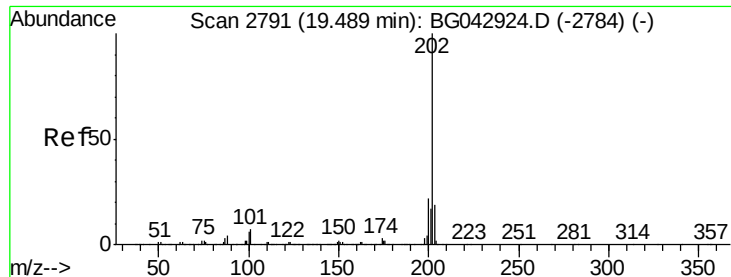
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#74
 Di-n-butylphthalate
 Concen: 42.162 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion:	149	Resp:	727276
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	5.7	5.0	7.6





#75

Fluoranthene

Concen: 44.132 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

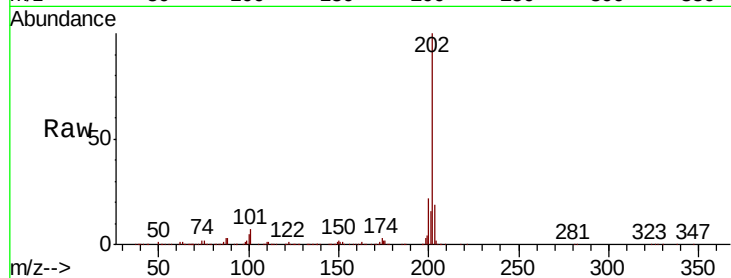
ClientSampleId :

VNJ-230MS

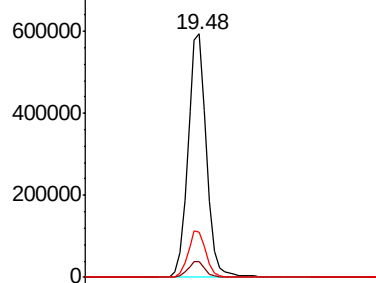
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.7	0.0	27.3
203	18.6	0.0	39.5

Manual Integrations
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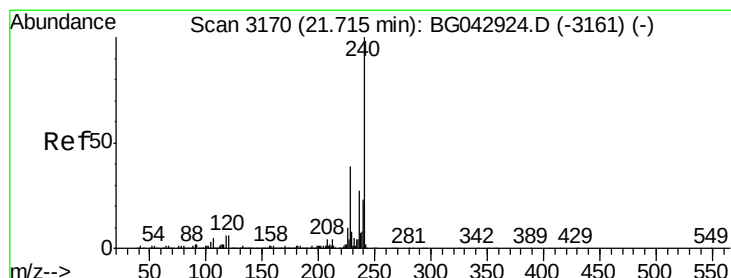
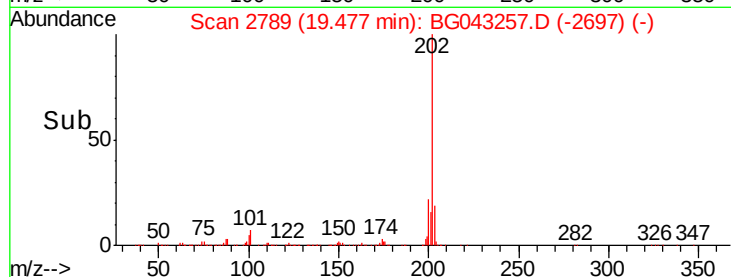
mohammad
10/18/2019 8:26:09 AM



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



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

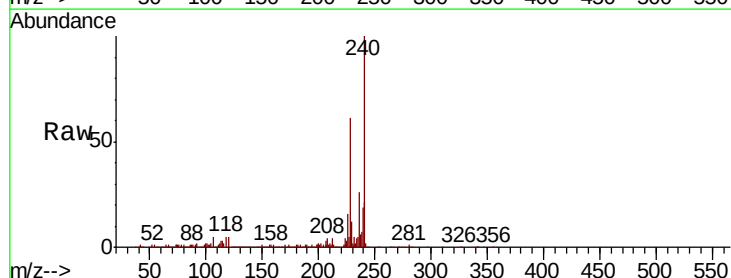
RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

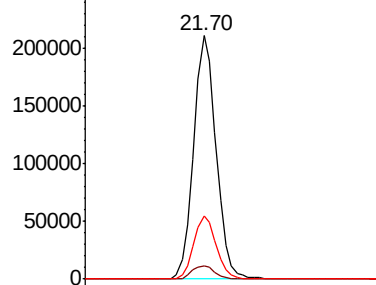
Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

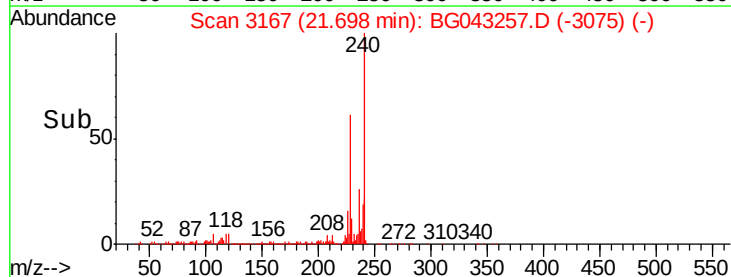
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.5	4.8	7.2
236	25.7	21.4	32.0

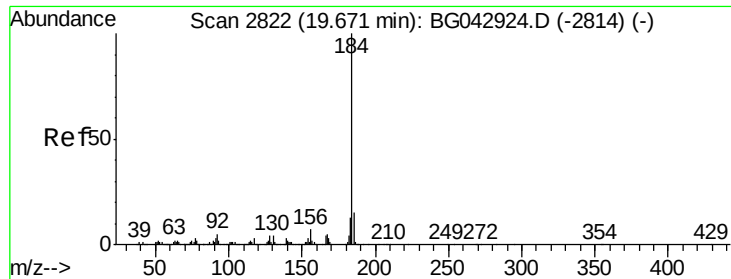


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 50.919 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

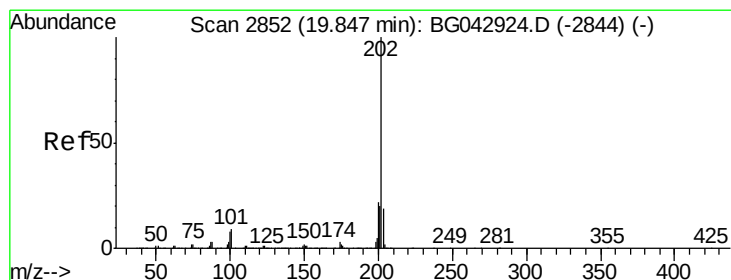
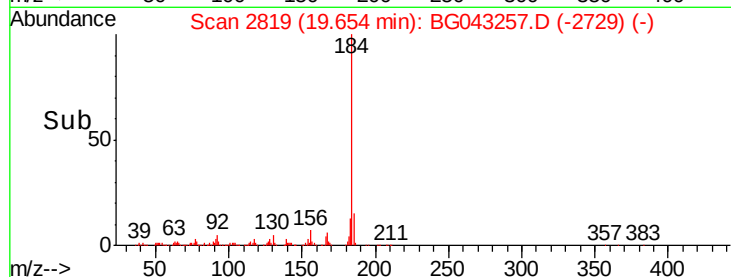
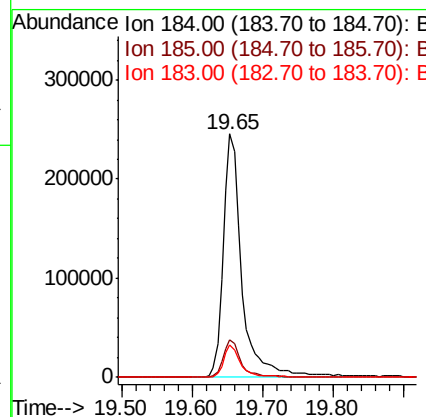
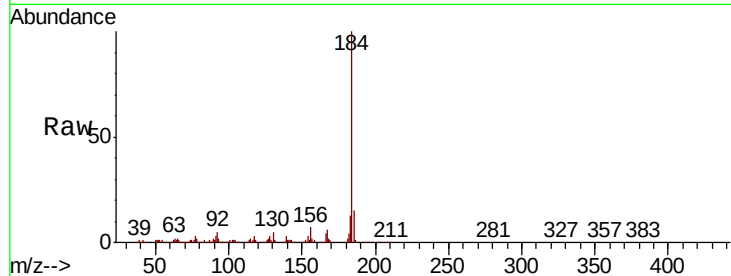
ClientSampleId :

VNJ-230MS

Tot Ion:	184	Resp:	448971
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.8
183	13.4	10.1	15.1

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#78

Pyrene

Concen: 43.846 ng

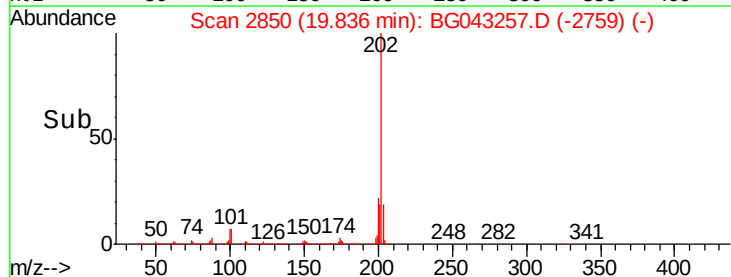
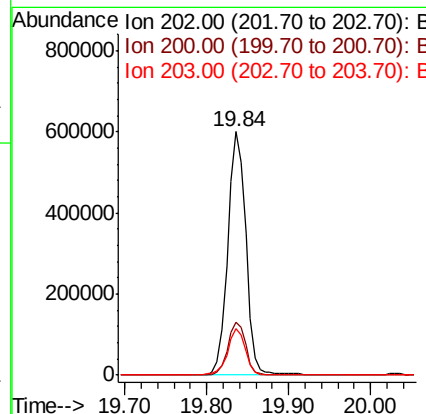
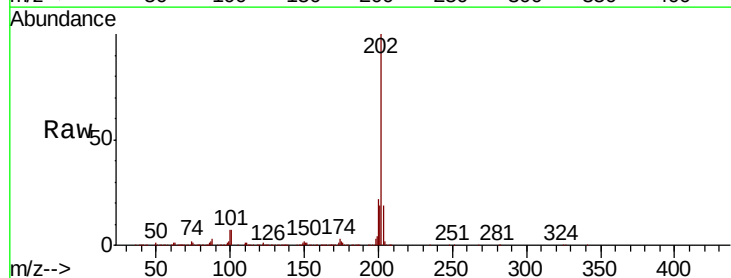
RT: 19.84 min Scan# 2850

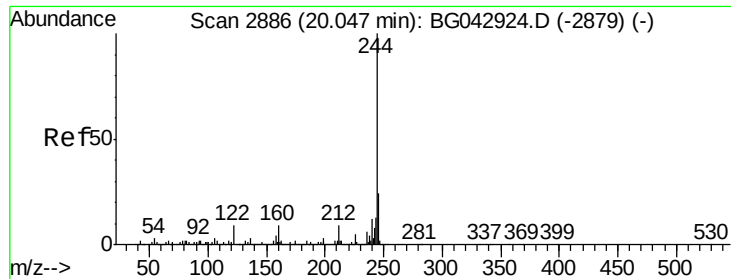
Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	202	Resp:	921566
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.6	26.4
203	18.9	15.2	22.8





#79

Terphenyl-d14

Concen: 82.578 ng

RT: 20.04 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

ClientSampleId :

VNJ-230MS

Tot Ion:244 Resp: 1364656

Ion Ratio Lower Upper

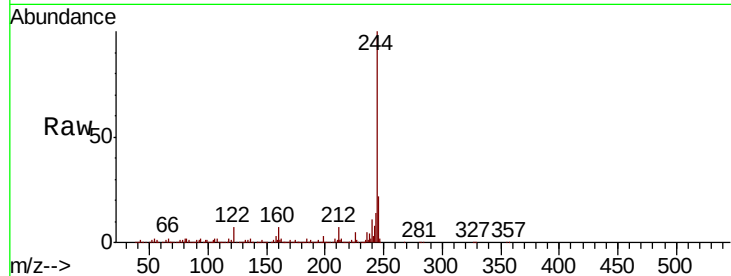
244 100

212 7.3 7.4 11.0#

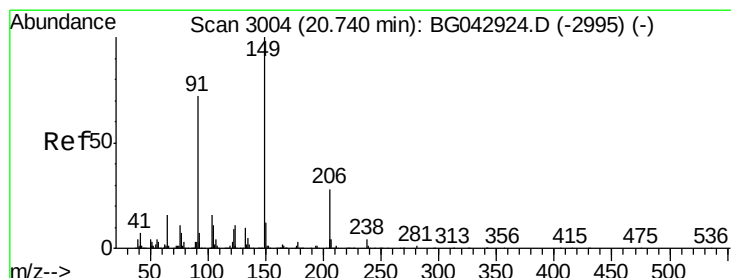
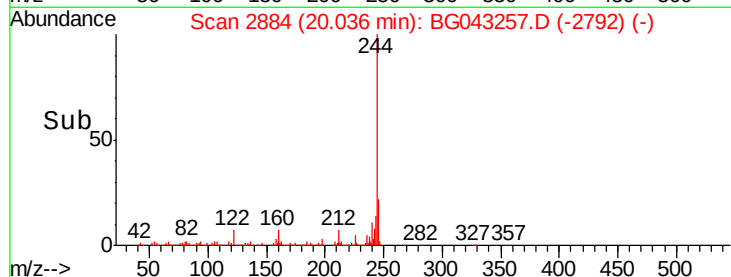
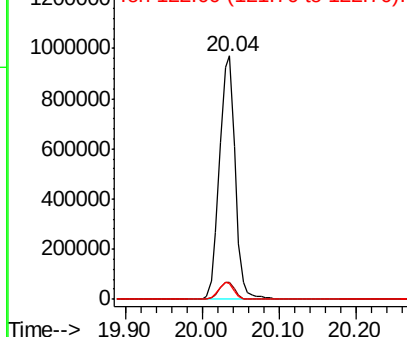
122 6.7 7.0 10.4#

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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: 42.632 ng

RT: 20.72 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

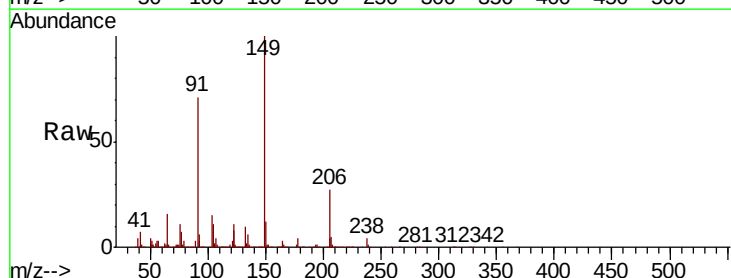
Tgt Ion:149 Resp: 340117

Ion Ratio Lower Upper

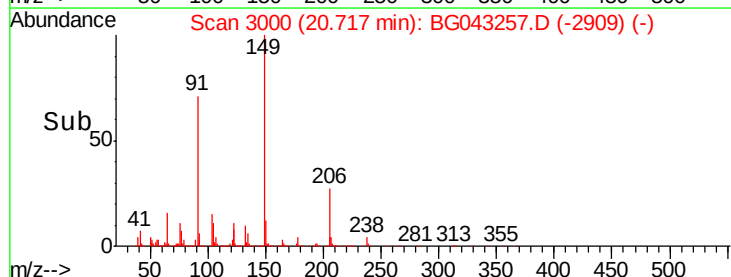
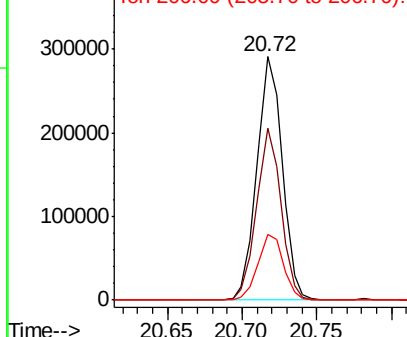
149 100

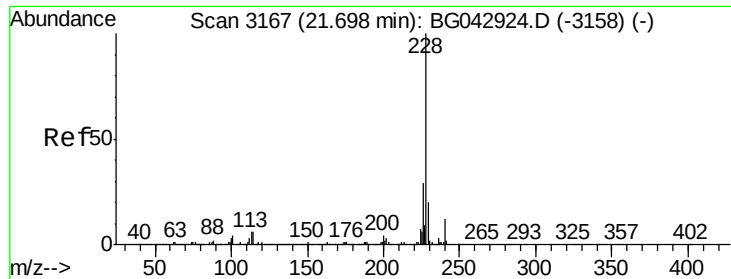
91 70.7 57.7 86.5

206 27.2 22.6 33.8



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: 42.293 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

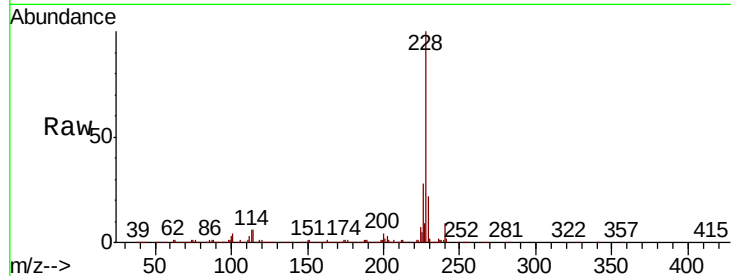
ClientSampleId :

VNJ-230MS

Tot Ion:	228	Resp:	927975
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.0	34.4
229	21.6	16.3	24.5

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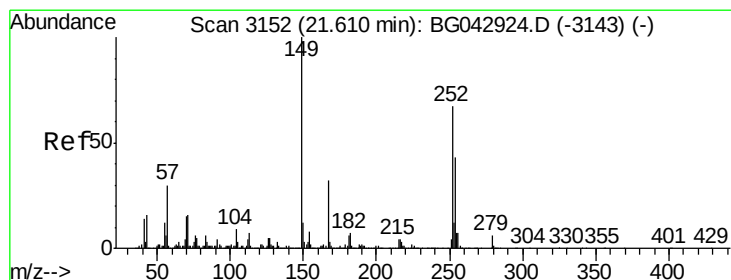
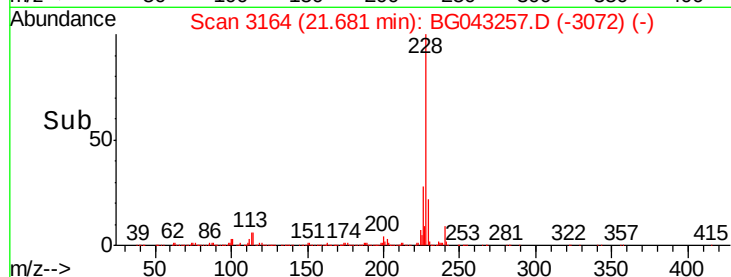
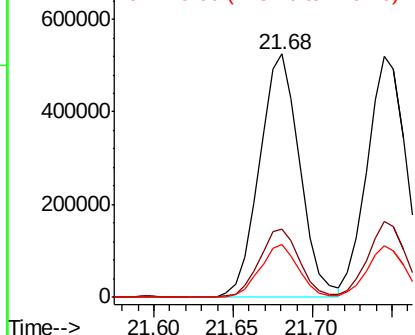


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.776 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

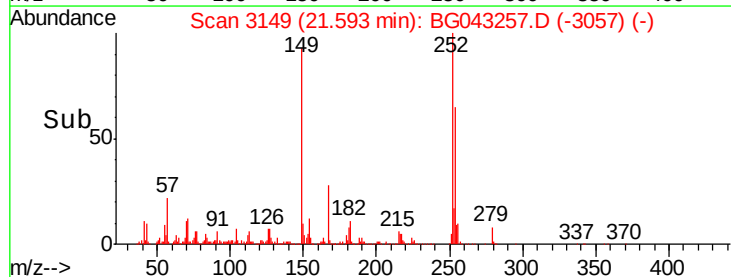
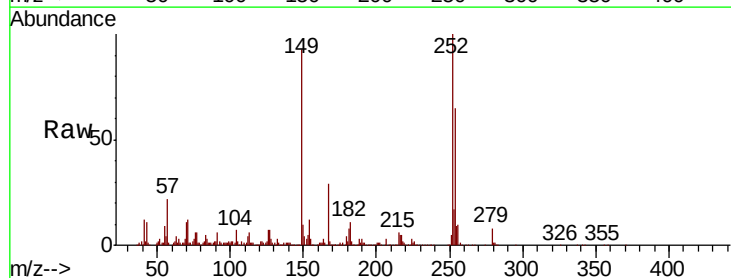
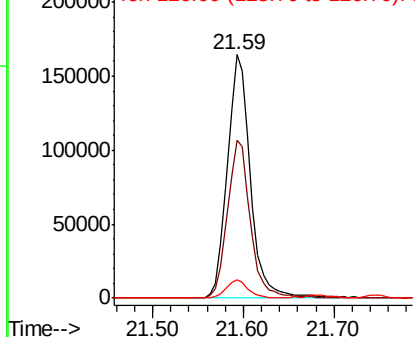
Tgt Ion:	252	Resp:	290667
Ion Ratio	Lower	Upper	
252	100		
254	65.0	51.9	77.9
126	7.3	6.1	9.1

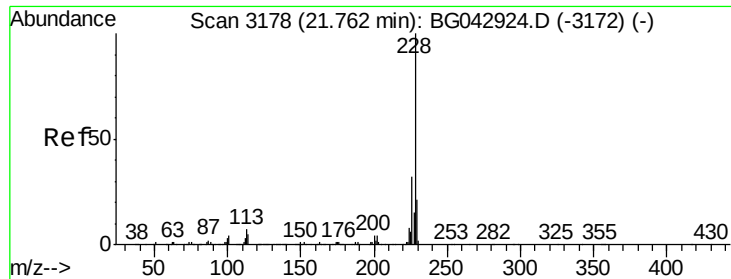
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





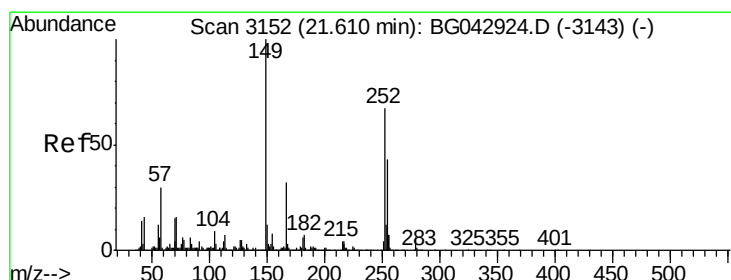
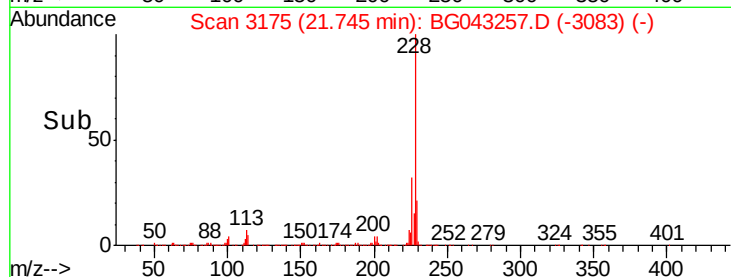
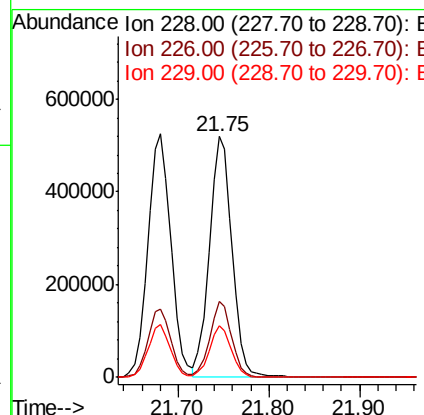
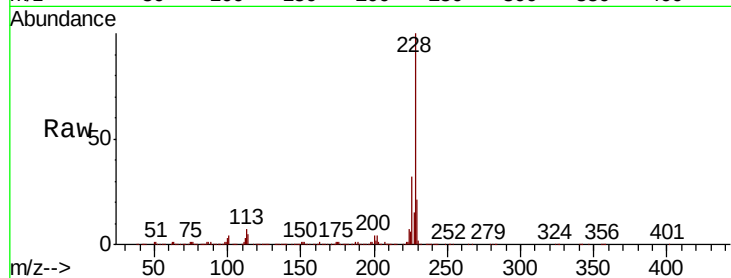
#83
 Chrysene
 Concen: 42.146 ng
 RT: 21.75 min Scan# 3175
 Delta R.T. 0.01 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-230MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.4	16.9	25.3

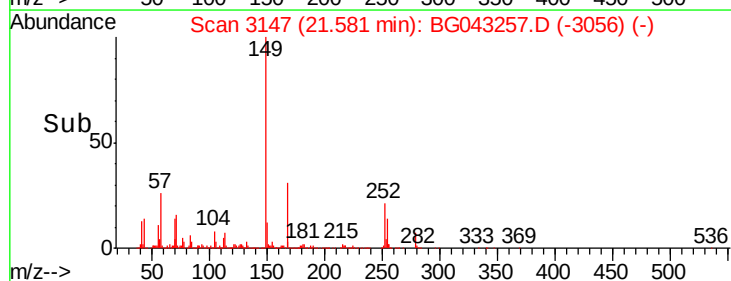
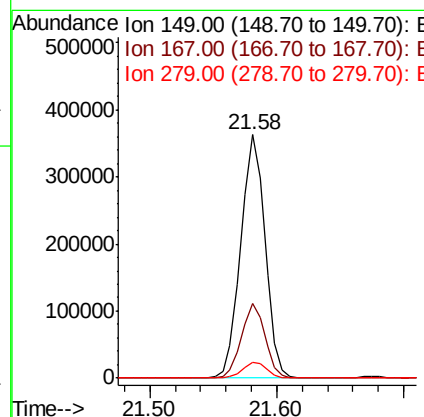
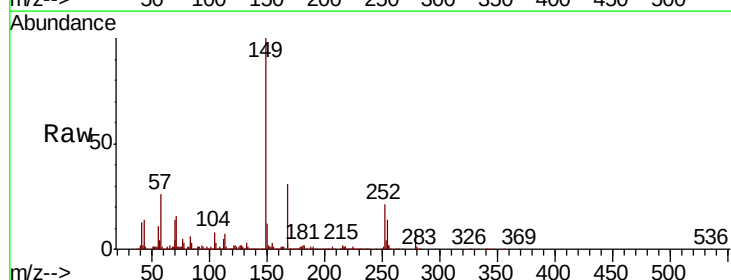
Manual Integrations
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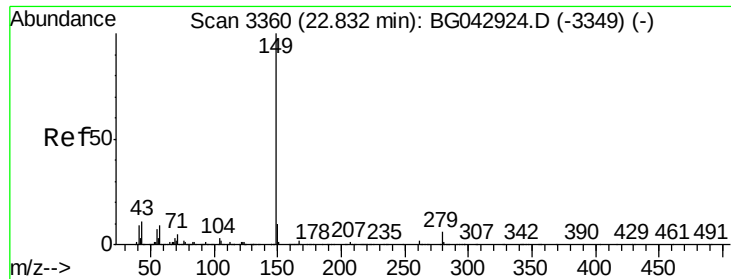
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.192 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG043257.D
 Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.5	25.4	38.2
279	6.6	5.1	7.7





#85

Di-n-octyl phthalate

Concen: 44.594 ng

RT: 22.79 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

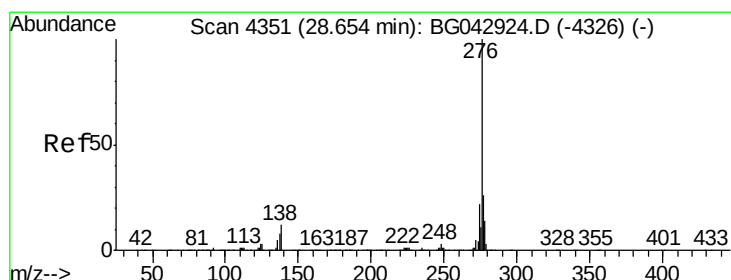
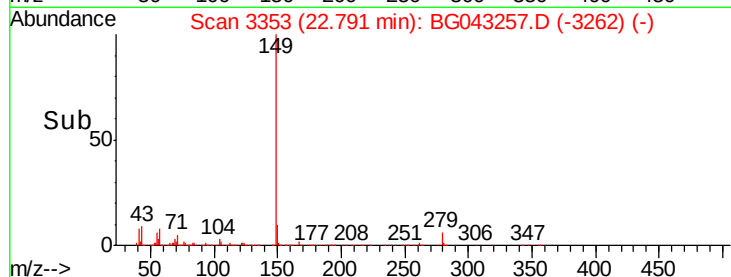
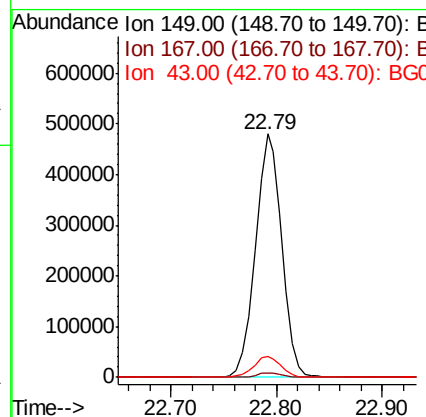
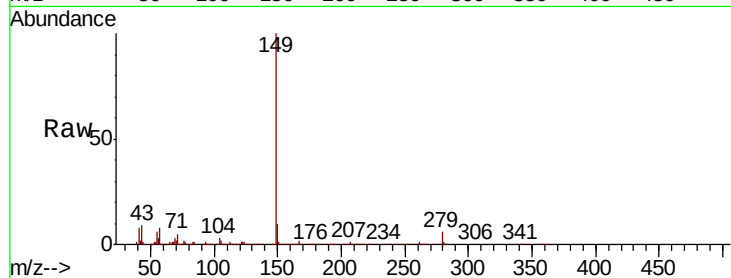
ClientSampleId :

VNJ-230MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.7	8.7	13.1#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.797 ng

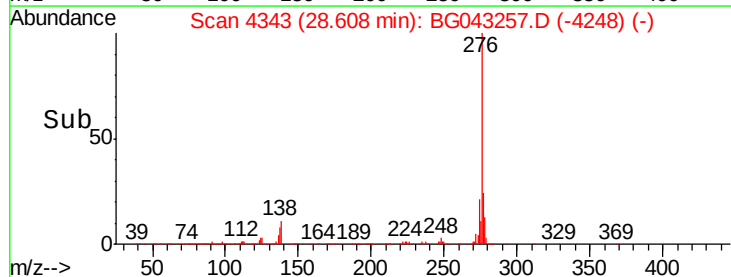
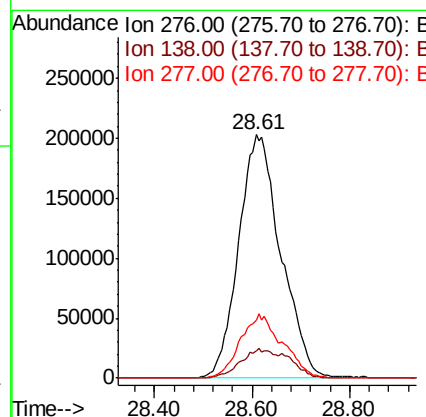
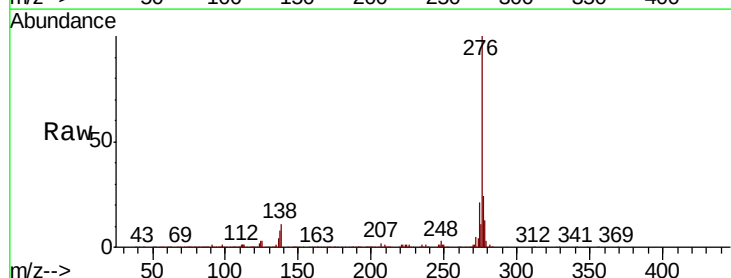
RT: 28.61 min Scan# 4343

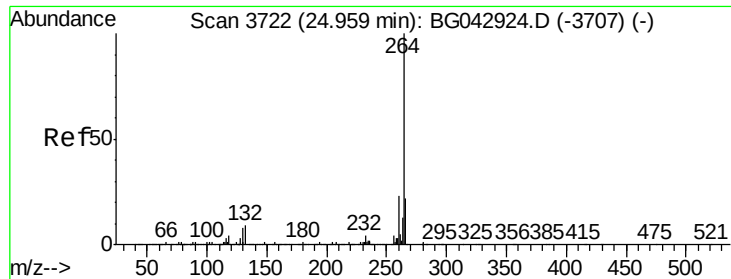
Delta R.T. 0.03 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	7.0	10.6
277	26.5	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.02 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

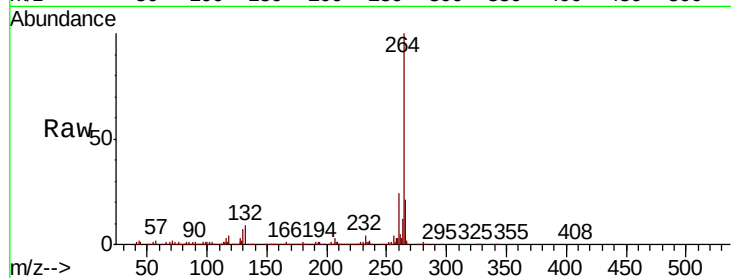
ClientSampleId :

VNJ-230MS

Tot Ion:	264	Resp:	422593
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.7	28.1
265	21.3	17.7	26.5

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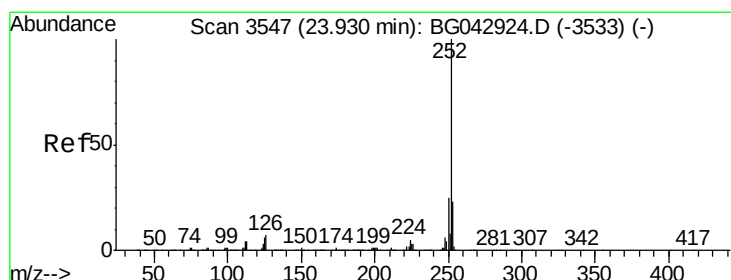
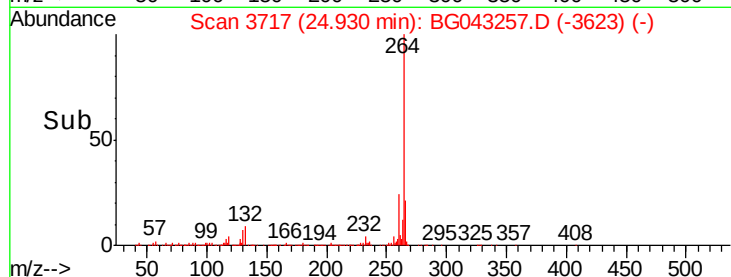
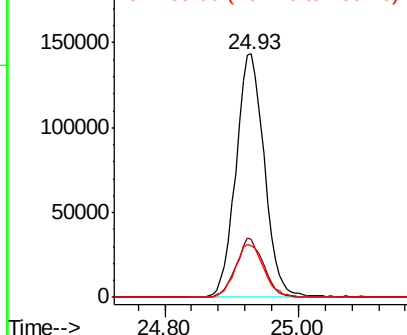


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.436 ng

RT: 23.90 min Scan# 3542

Delta R.T. 0.01 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

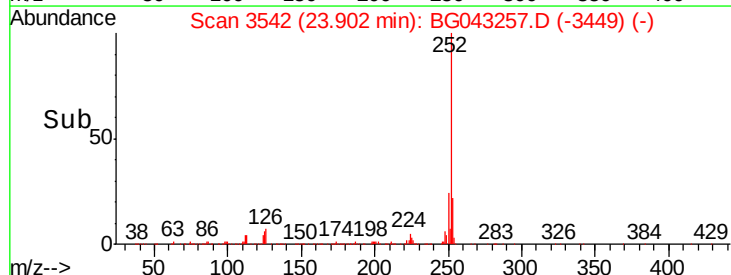
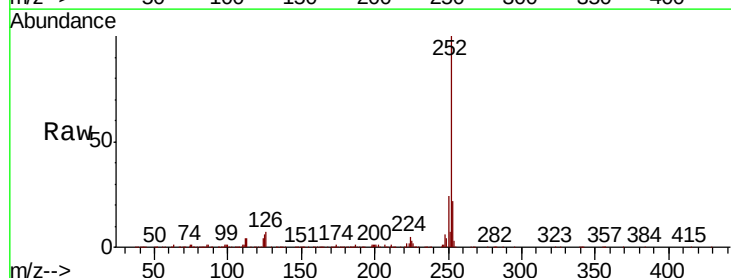
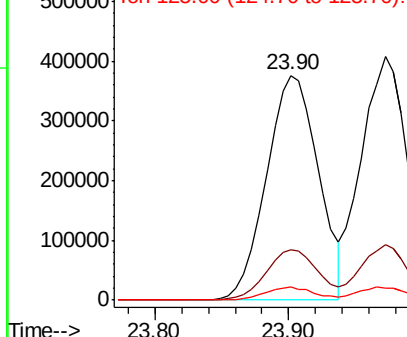
Tgt Ion:	252	Resp:	1014696
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	5.9	4.6	7.0

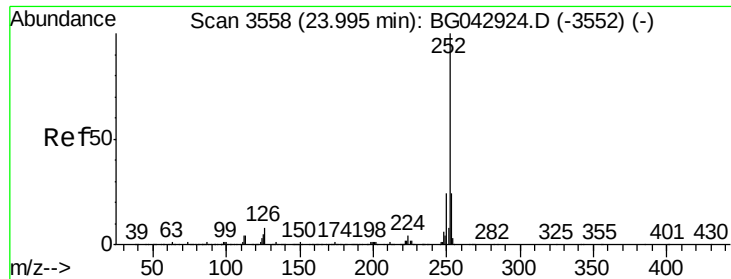
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.786 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.01 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

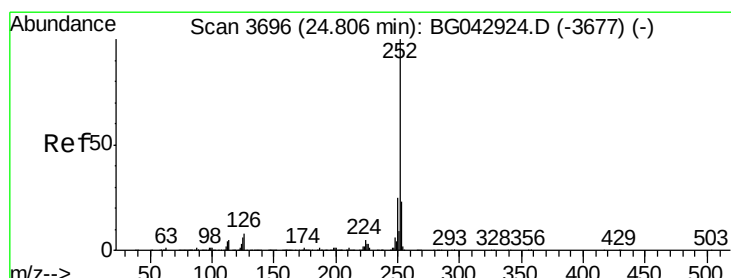
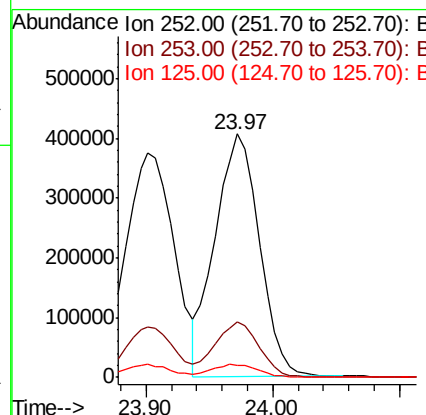
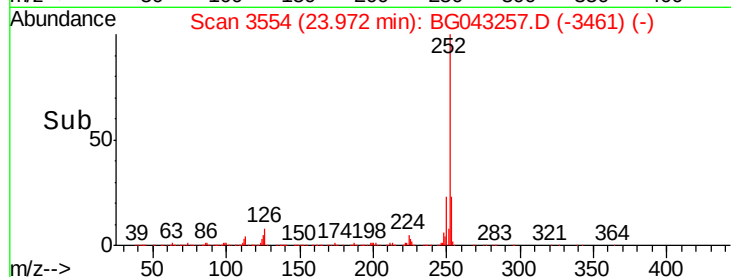
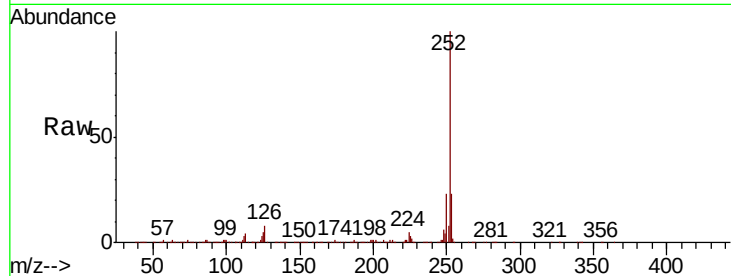
ClientSampled :

VNJ-230MS

Tot Ion:	252	Resp:	988454
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.9	28.3
125	5.1	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 43.759 ng

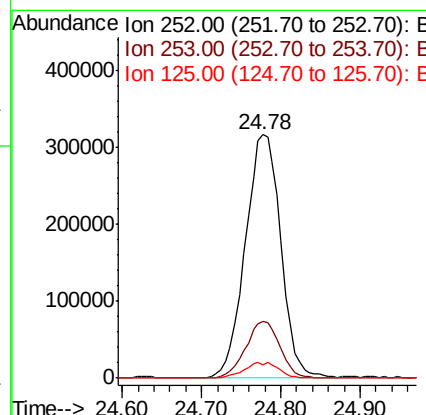
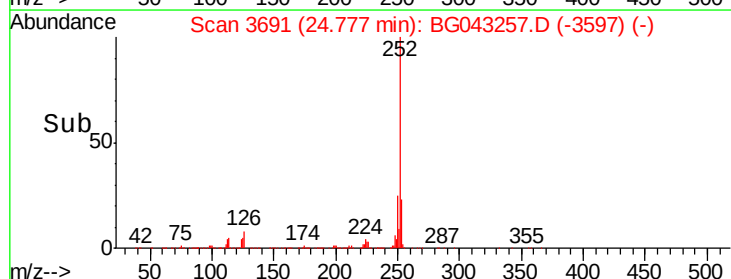
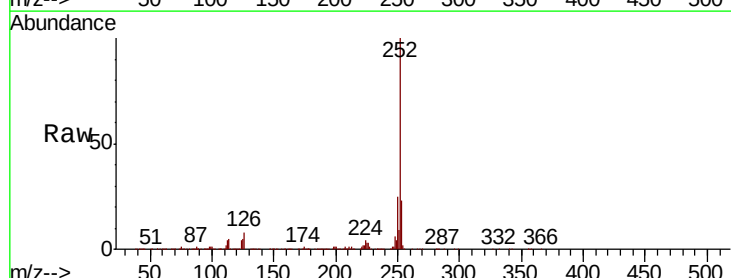
RT: 24.78 min Scan# 3691

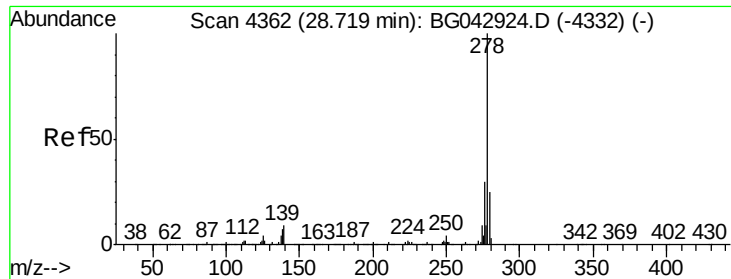
Delta R.T. 0.02 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Tgt Ion:	252	Resp:	987188
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	5.5	5.0	7.6





#91

Dibenzo(a,h)anthracene

Concen: 44.313 ng

RT: 28.67 min Scan# 4354

Delta R.T. 0.04 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

Instrument :

BNA_G

ClientSampleId :

VNJ-230MS

Tot Ion:278 Resp: 1025102

Ion Ratio Lower Upper

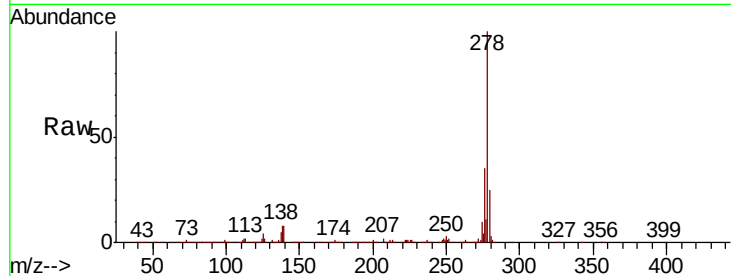
278 100

139 7.7 6.8 10.2

279 25.0 20.1 30.1

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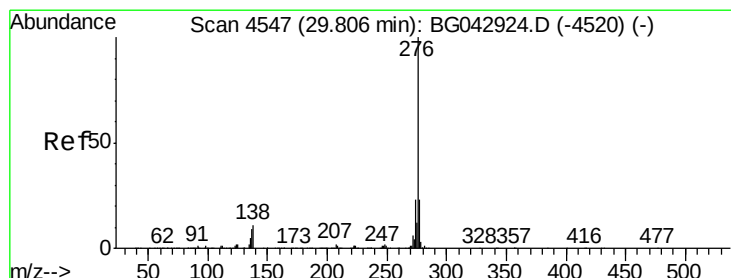
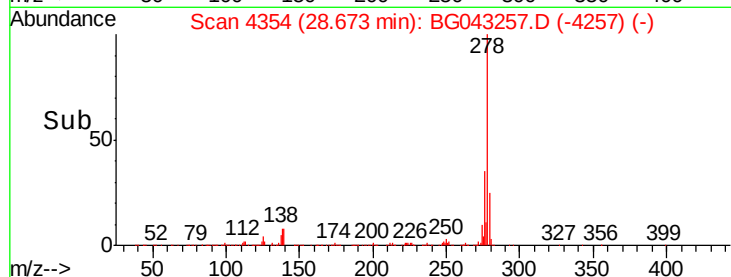
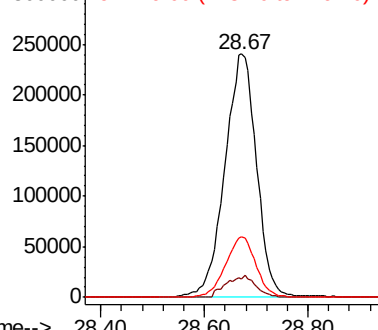


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.461 ng

RT: 29.75 min Scan# 4537

Delta R.T. 0.03 min

Lab File: BG043257.D

Acq: 16 Oct 2019 22:49

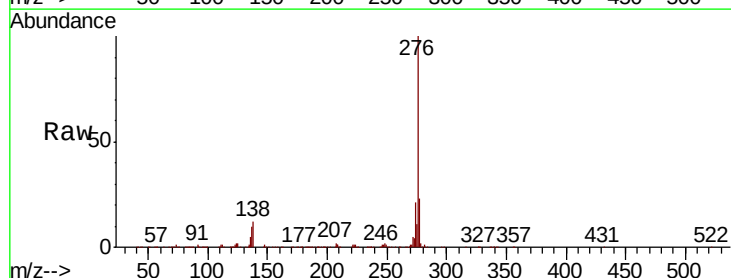
Tgt Ion:276 Resp: 1018958

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 11.8 8.6 12.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

