

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
 Data File : BG024697.D
 Acq On : 5 Nov 2016 5:00
 Operator : UM/SJ
 Sample : H5531-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MSD

Manual Integrations
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 11/7/2016 4:37:02 PM

Quant Time: Nov 07 07:12:23 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 11:14:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	102383	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	416134	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	368700	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	769084	20.00	ng	0.00
75) Chrysene-d12	21.92	240	986350	20.00	ng	0.00
86) Perylene-d12	25.35	264	1027612	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	343403	54.97	ng	0.00
7) Phenol-d6	7.40	99	302496	35.30	ng	0.00
23) Nitrobenzene-d5	9.44	82	832222	91.05	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	724176	131.47	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	1733765	78.16	ng	0.00
78) Terphenyl-d14	20.21	244	2843692	86.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	36723	14.39	ng	# 78
3) Pyridine	4.07	79	87206	11.41	ng	88
4) n-Nitrosodimethylamine	3.98	42	64206	16.23	ng	# 97
6) Aniline	7.59	93	254777	23.47	ng	97
8) 2-Chlorophenol	7.83	128	234641	36.94	ng	98
9) Benzaldehyde	7.39	77	362084	68.38	ng	# 1
10) Phenol	7.43	94	129511	14.66	ng	96
11) bis(2-Chloroethyl)ether	7.67	93	305600	46.05	ng	89
12) 1,3-Dichlorobenzene	8.16	146	302631	38.49	ng	95
13) 1,4-Dichlorobenzene	8.30	146	318357	40.99	ng	94
14) 1,2-Dichlorobenzene	8.63	146	308800	41.36	ng	98
15) Benzyl Alcohol	8.50	79	211037	26.48	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.79	45	502684	40.83	ng	94
17) 2-Methylphenol	8.70	107	184862	31.58	ng	94
18) Hexachloroethane	9.37	117	266126	89.14	ng	# 1
19) n-Nitroso-di-n-propylamine	9.07	70	298055	47.20	ng	95
20) 3+4-Methylphenols	9.03	107	227462	28.94	ng	94
22) Acetophenone	9.09	105	474740	44.41	ng	# 90
24) Nitrobenzene	9.48	77	477930	47.00	ng	97
25) Isophorone	10.00	82	789540	46.44	ng	97
26) 2-Nitrophenol	10.20	139	177430	47.01	ng	96
27) 2,4-Dimethylphenol	10.24	122	441747m	66.86	ng	
28) bis(2-Chloroethoxy)methane	10.48	93	433747	49.31	ng	99
29) 2,4-Dichlorophenol	10.74	162	329949	47.58	ng	97
30) 1,2,4-Trichlorobenzene	10.95	180	350360	42.59	ng	98
31) Naphthalene	11.15	128	2518280	121.32	ng	97
32) Benzoic acid	10.35	122	59998	10.90	ng	# 82
33) 4-Chloroaniline	11.25	127	227136	25.20	ng	93
34) Hexachlorobutadiene	11.41	225	267435	41.54	ng	94
36) 4-Chloro-3-methylphenol	12.35	107	374828	44.77	ng	99
37) 2-Methylnaphthalene	12.73	142	1170866	77.31	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.09	216	480569	38.64	ng	98
40) Hexachlorocyclopentadiene	13.06	237	548892	78.38	ng	90
42) 2,4,6-Trichlorophenol	13.32	196	327653	43.83	ng	97

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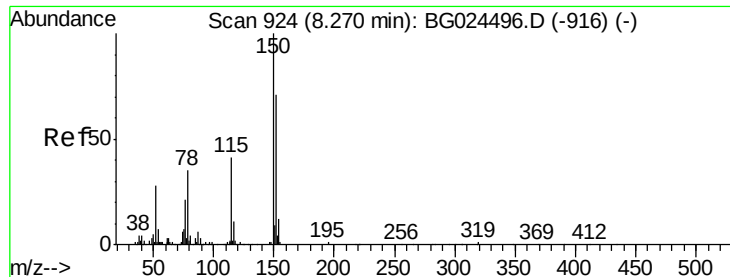
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.40	196	349925	43.30	nq	99
45) 1,1'-Biphenyl	13.72	154	1028268	40.19	nq	98
46) 2-Chloronaphthalene	13.77	162	786240	40.36	nq	98
47) 2-Nitroaniline	13.98	65	334843	41.98	nq	97
48) Acenaphthylene	14.61	152	1209046	40.47	nq	99
49) Dimethylphthalate	14.33	163	1336145	51.05	nq	99
50) 2,6-Dinitrotoluene	14.46	165	242741	43.44	nq	93
51) Acenaphthene	14.95	154	781470	35.09	nq	98
52) 3-Nitroaniline	14.79	138	144555	25.00	nq	# 99
53) 2,4-Dinitrophenol	14.99	184	306345	75.65	nq	94
54) Dibenzofuran	15.28	168	1310679	42.57	nq	100
55) 4-Nitrophenol	15.10	139	144134	28.61	nq	# 83
56) 2,4-Dinitrotoluene	15.24	165	372222	45.84	nq	# 91
57) Fluorene	15.92	166	1061940	41.59	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.50	232	385922	46.06	nq	94
59) Diethylphthalate	15.68	149	1125634	41.02	nq	98
60) 4-Chlorophenyl-phenylether	15.91	204	609165	42.52	nq	96
61) 4-Nitroaniline	15.95	138	221818	35.12	nq	97
62) Azobenzene	16.20	77	1164388	42.54	nq	97
64) 4,6-Dinitro-2-methylphenol	15.99	198	234468	44.25	nq	94
65) n-Nitrosodiphenylamine	16.13	169	995573	47.35	nq	99
66) 4-Bromophenyl-phenylether	16.81	248	443304	47.48	nq	92
67) Hexachlorobenzene	16.92	284	475928	46.13	nq	92
68) Atrazine	17.07	200	427664	47.42	nq	99
69) Pentachlorophenol	17.27	266	654103	96.09	nq	94
70) Phenanthrene	17.67	178	1791282	45.70	nq	98
71) Anthracene	17.76	178	1823650	46.11	nq	98
72) Carbazole	18.03	167	1585370	43.95	nq	98
73) Di-n-butylphthalate	18.56	149	1865308	44.85	nq	99
74) Fluoranthene	19.66	202	2171546	43.82	nq	98
76) Benzidine	19.84	184	57506	2.47	nq	97
77) Pyrene	20.02	202	2204534	45.72	nq	97
79) Butylbenzylphthalate	20.88	149	932165	46.37	nq	99
80) Benzo(a)anthracene	21.91	228	2444476	45.11	nq	99
81) 3,3'-Dichlorobenzidine	21.81	252	521270	23.85	nq	# 96
82) Chrysene	21.97	228	2261379	43.82	nq	98
83) Bis(2-ethylhexyl)phthalate	21.76	149	1290806	44.89	nq	98
84) Di-n-octyl phthalate	23.03	149	2211824	46.35	nq	95
85) Indeno(1,2,3-cd)pyrene	29.30	276	3080815	43.25	nq	# 98
87) Benzo(b)fluoranthene	24.26	252	2511149	45.21	nq	98
88) Benzo(k)fluoranthene	24.33	252	2439922m	45.49	nq	
89) Benzo(a)pyrene	25.20	252	2437114	44.90	nq	98
90) Dibenzo(a,h)anthracene	29.37	278	2520465	42.31	nq	96
91) Benzo(g,h,i)perylene	30.55	276	2557441	42.97	nq	97

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



#1

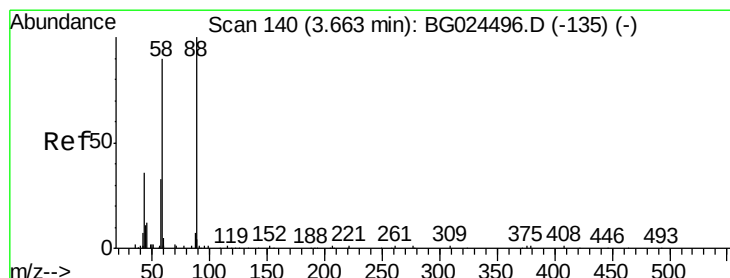
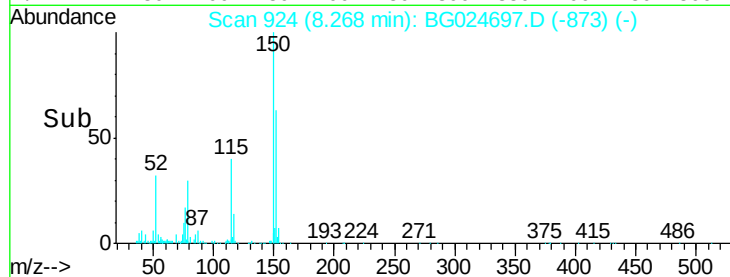
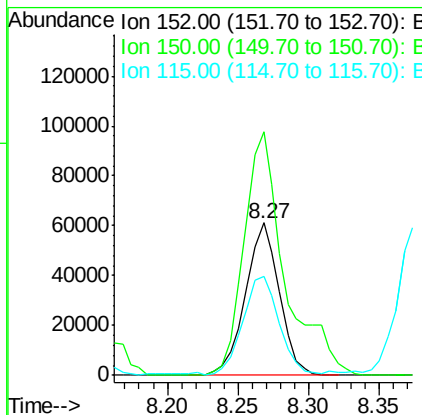
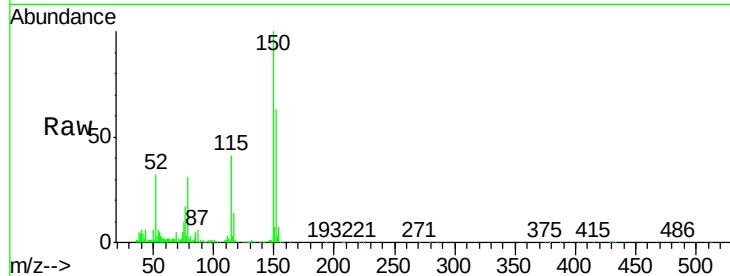
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	114.0	171.0
115	65.2	48.1	72.1

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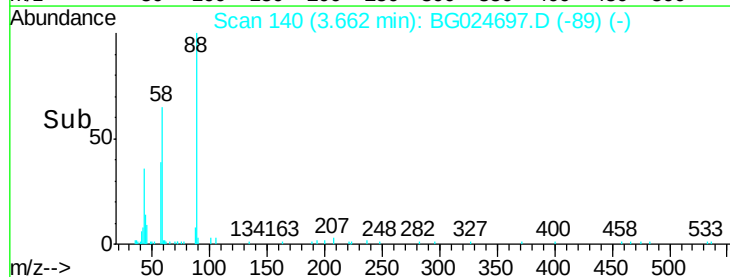
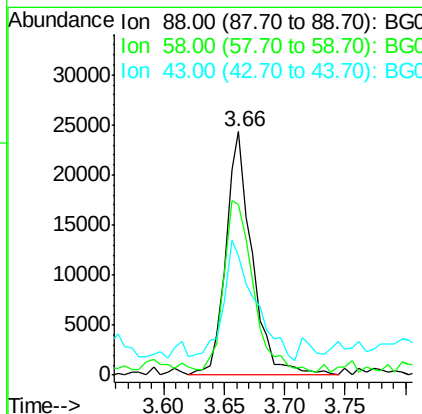
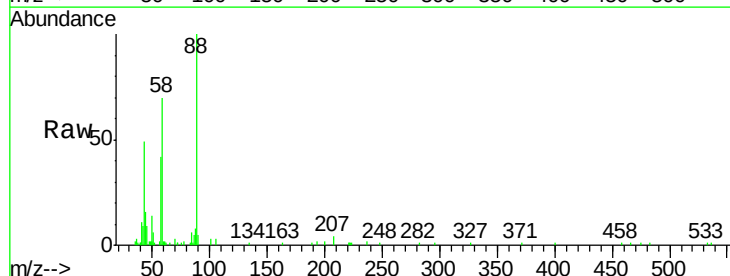
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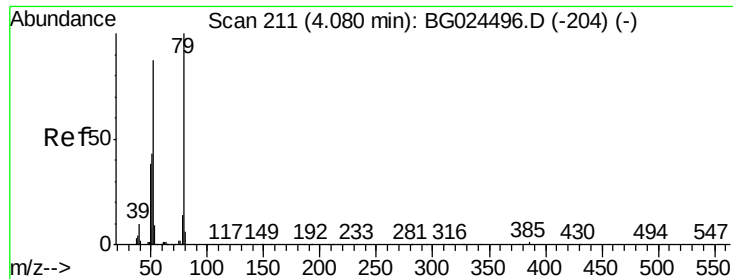


#2

1,4-Dioxane
Concen: 14.39 ng
RT: 3.66 min Scan# 140
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	79.4	119.2#
43	58.1	33.8	50.6#





#3

Pvridine

Concen: 11.41 ng

RT: 4.07 min Scan# 210

Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

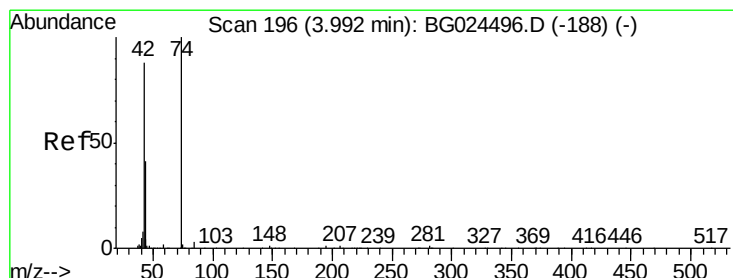
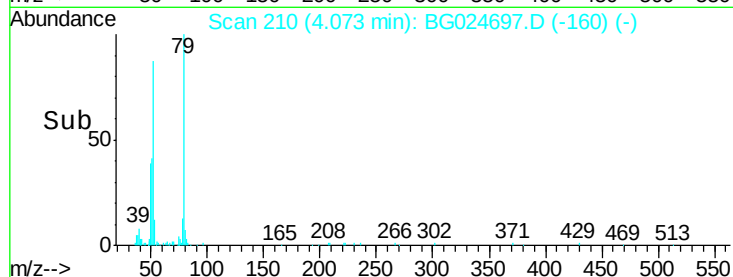
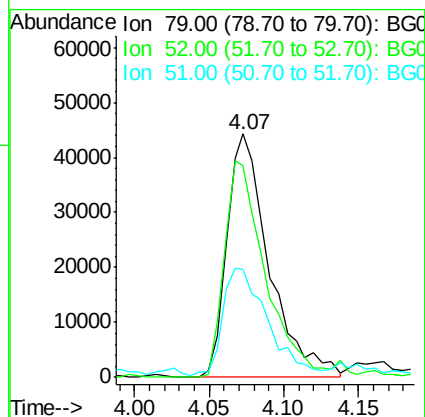
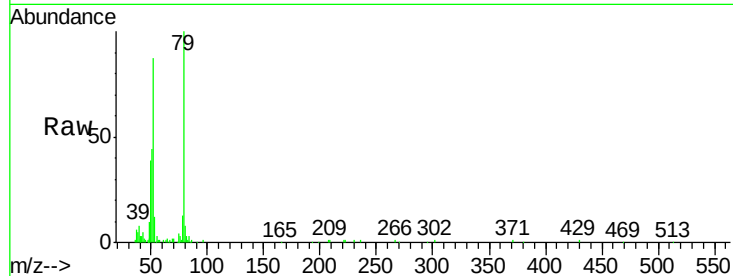
ClientSampleId :

S22-0015MSD

Tot Ion:	79	Resp:	87206
Ion	Ratio	Lower	Upper
79	100		
52	86.8	77.8	116.6
51	44.4	43.2	64.8

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#4

n-Nitrosodimethylamine

Concen: 16.23 ng

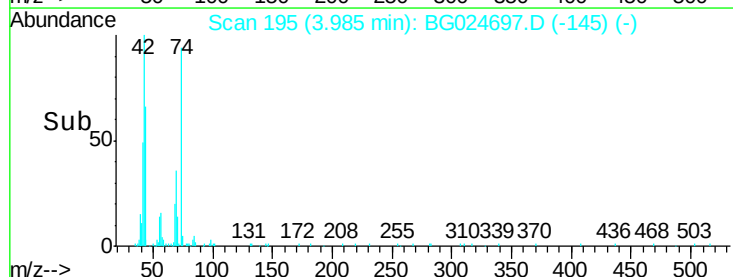
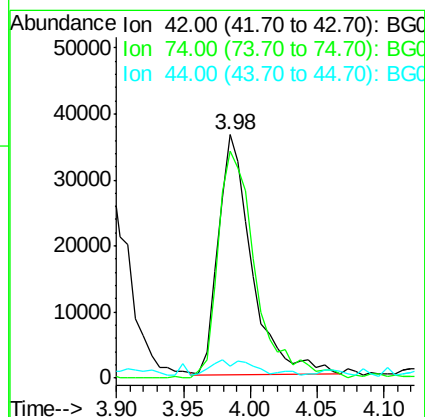
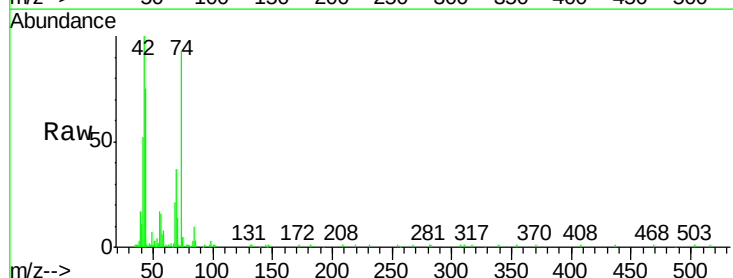
RT: 3.98 min Scan# 195

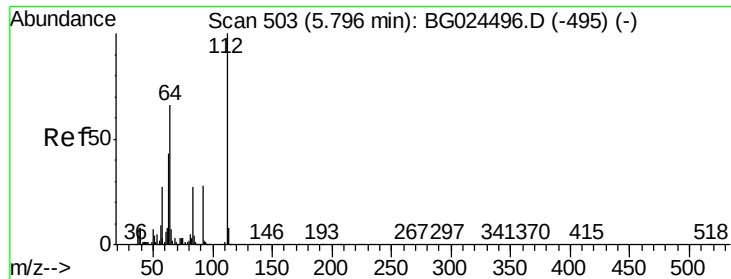
Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	42	Resp:	64206
Ion	Ratio	Lower	Upper
42	100		
74	93.4	76.7	115.1
44	5.2	6.1	9.1





#5

2-Fluorophenol

Concen: 54.97 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

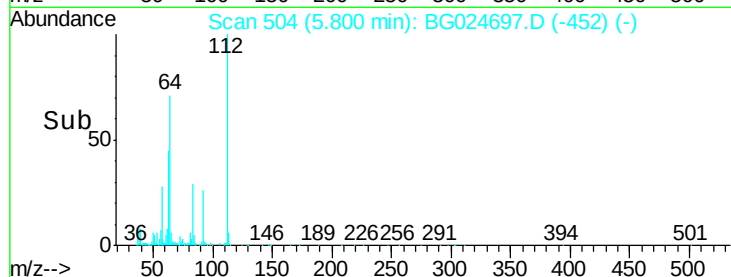
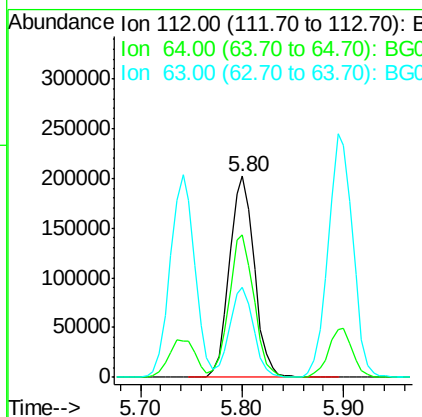
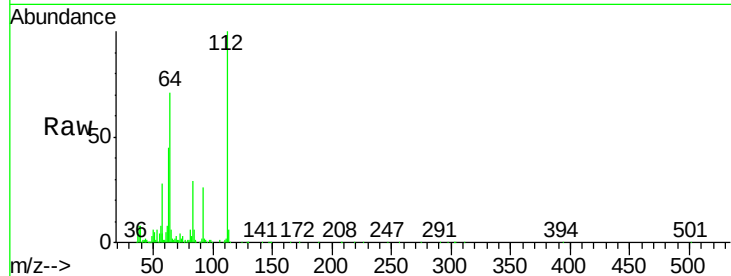
ClientSampleId :

S22-0015MSD

Tot Ion:	112	Resp:	343403
Ion Ratio	Lower	Upper	
112	100		
64	70.7	61.8	92.6
63	44.7	37.2	55.8

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#6

Aniline

Concen: 23.47 ng

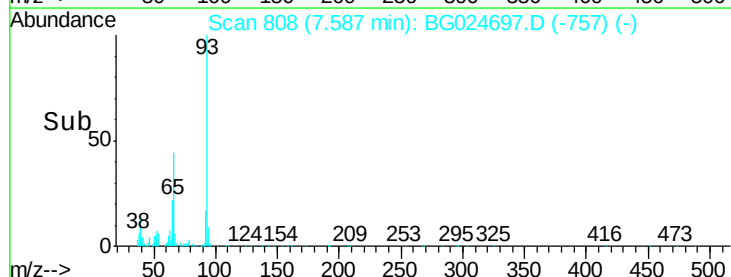
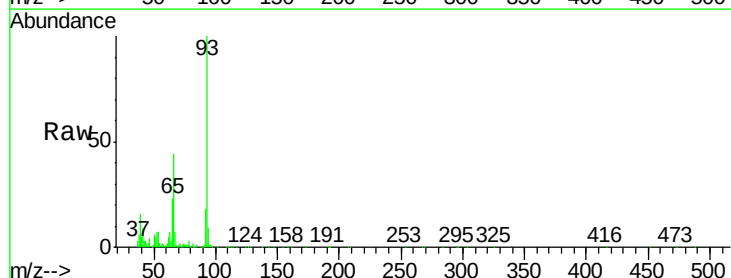
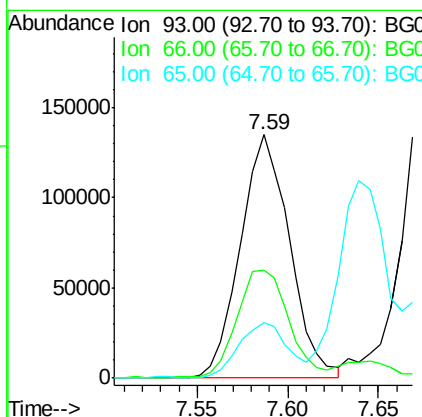
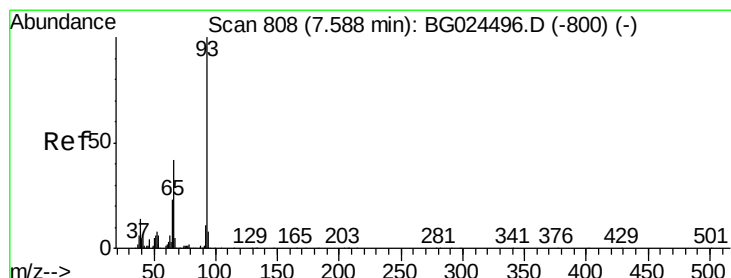
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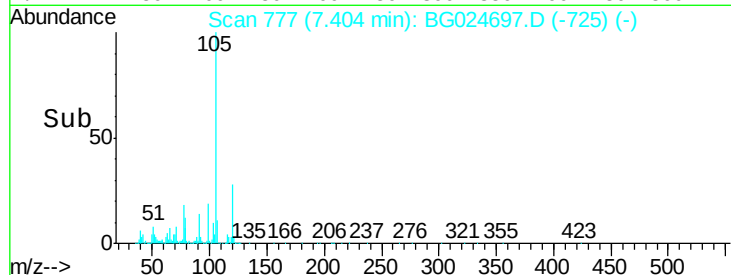
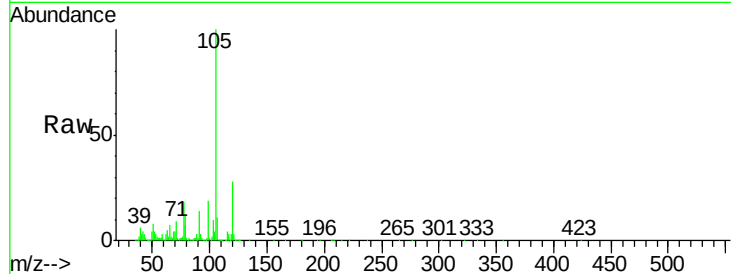
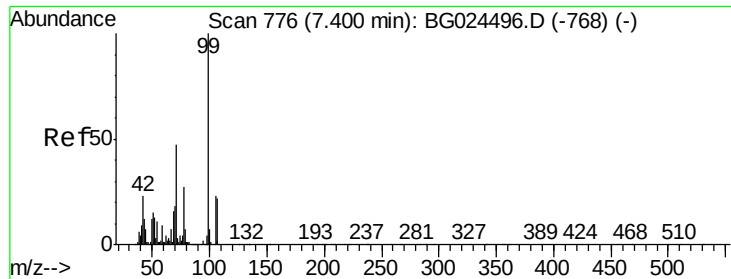
Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	93	Resp:	254777
Ion Ratio	Lower	Upper	
93	100		
66	44.3	35.4	53.2
65	22.9	21.2	31.8





#7

Phenol-d6

Concen: 35.30 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tot Ion:	99	Resp:	302496
Ion Ratio	Lower	Upper	
99	100		
42	20.5	20.5	30.7#
71	46.8	37.6	56.4

Instrument :

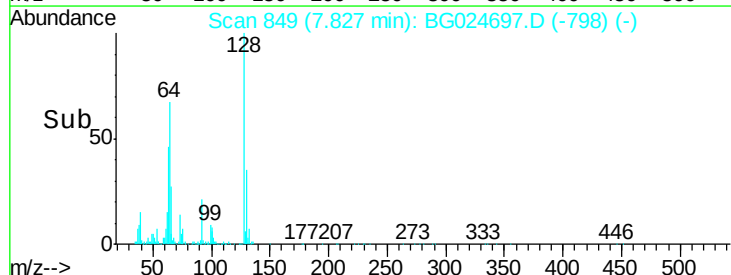
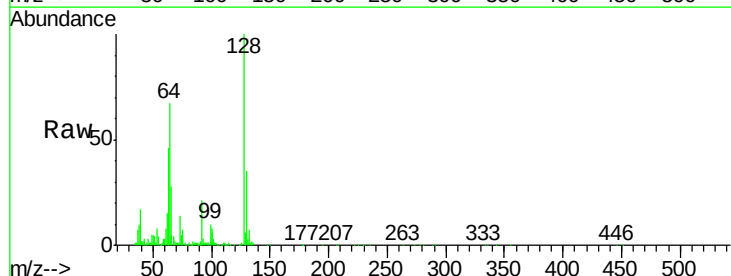
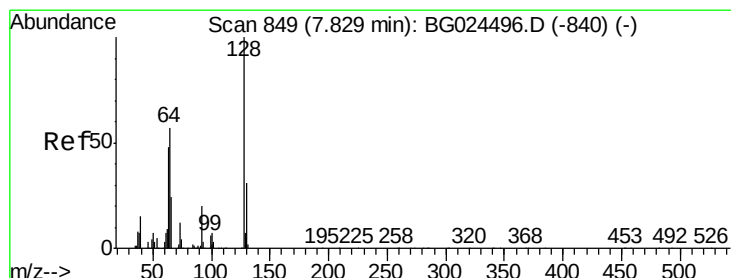
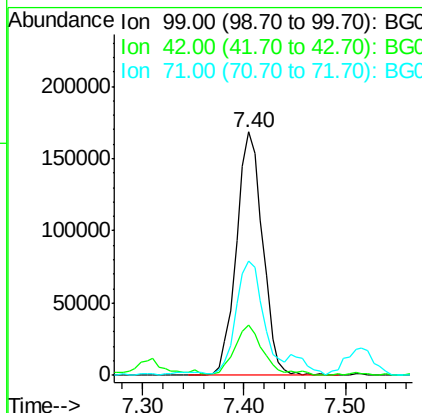
BNA_G

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#8

2-Chlorophenol

Concen: 36.94 ng

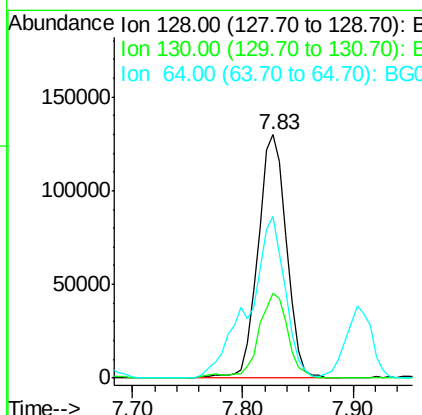
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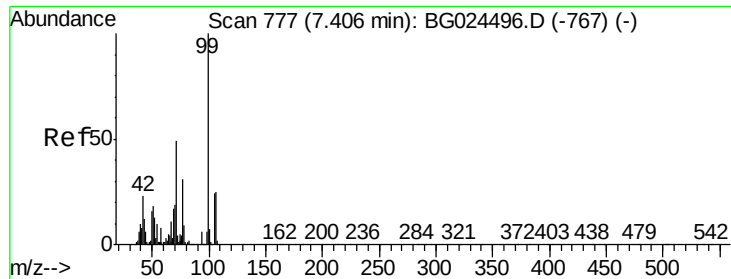
Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	128	Resp:	234641
Ion Ratio	Lower	Upper	
128	100		
130	35.0	11.4	51.4
64	66.7	46.6	86.6





#9

Benzaldehyde

Concen: 68.38 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

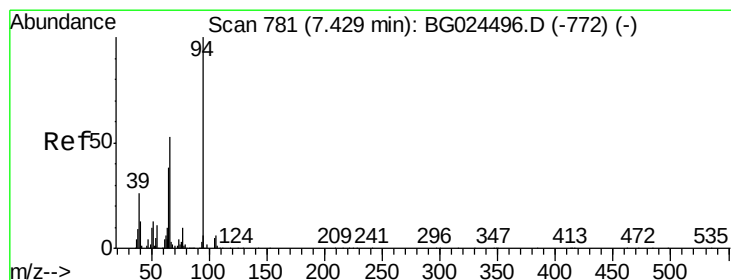
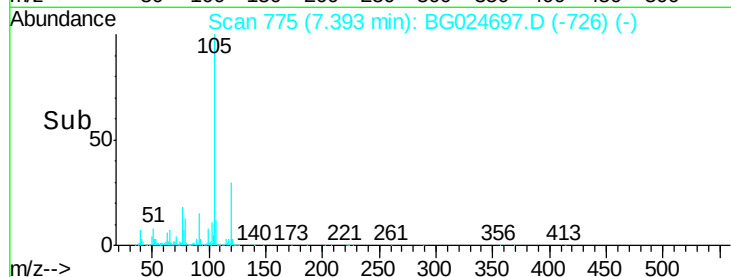
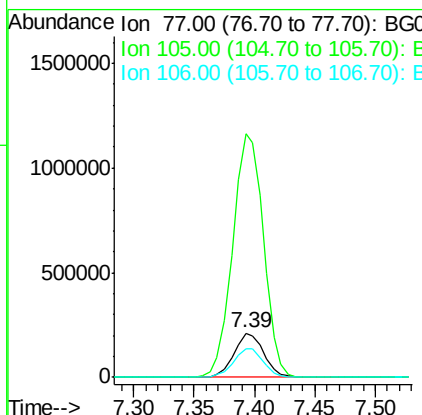
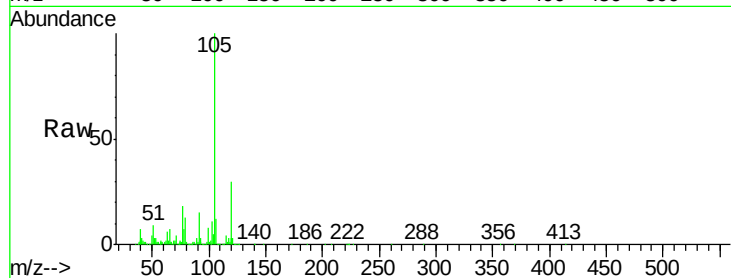
ClientSampleId :

S22-0015MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	551.0	60.9	100.9#
106	63.9	55.1	95.1

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#10

Phenol

Concen: 14.66 ng

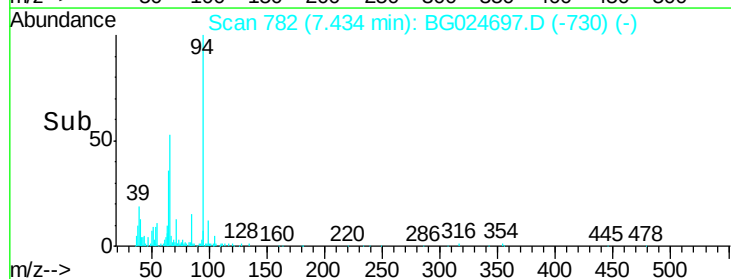
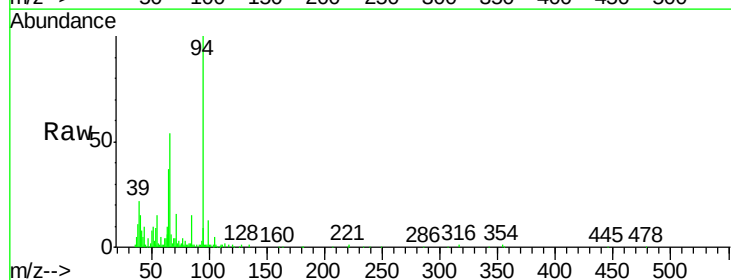
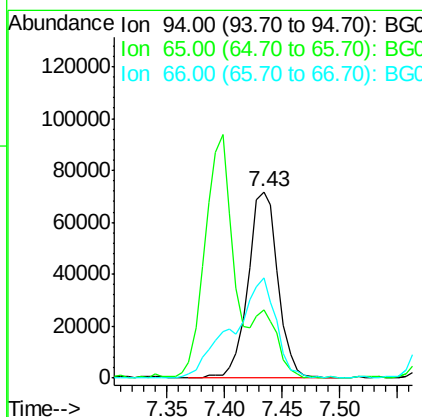
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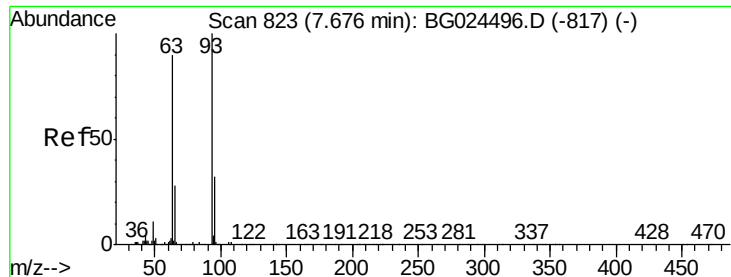
Delta R.T. 0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.7	20.6	60.6
66	53.7	35.5	75.5





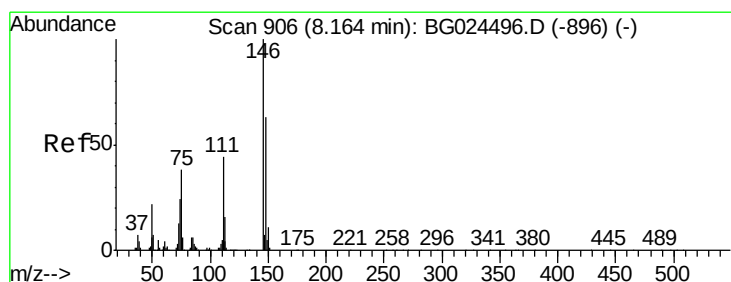
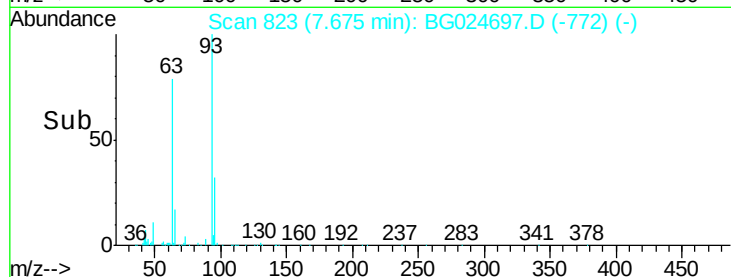
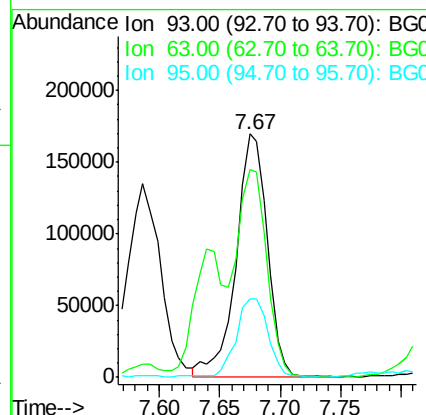
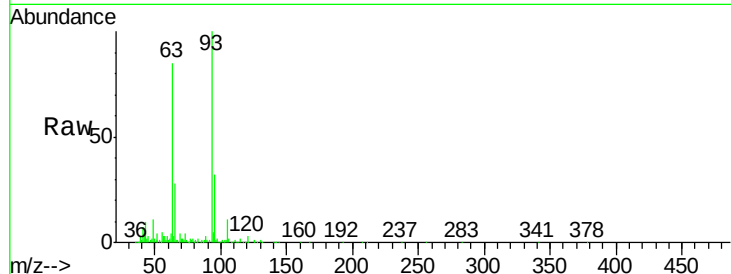
#11
bis(2-Chloroethyl)ether
Concen: 46.05 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	78.5	118.5
95	32.2	9.8	49.8

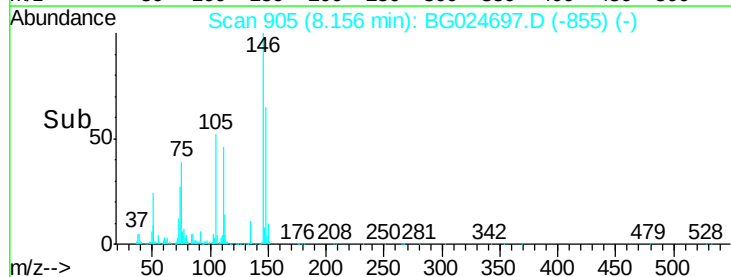
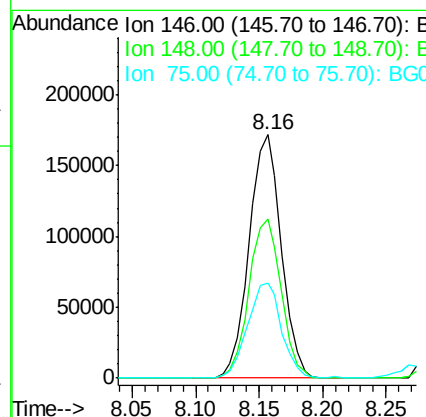
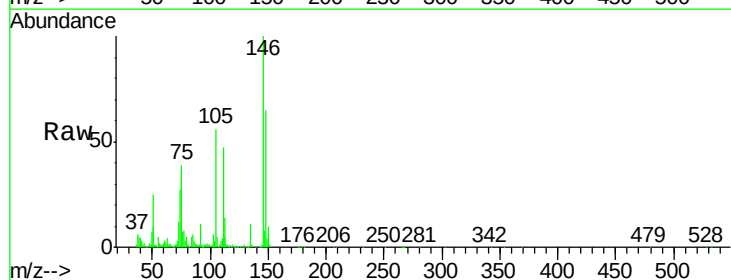
Manual Integrations
APPROVED

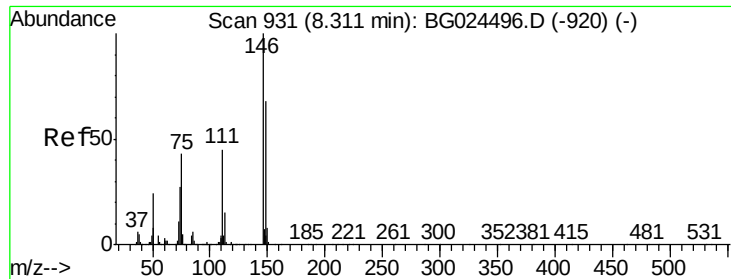
sohil
11/7/2016 4:37:02 PM



#12
1,3-Dichlorobenzene
Concen: 38.49 ng
RT: 8.16 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	49.2	73.8
75	39.3	33.4	50.2





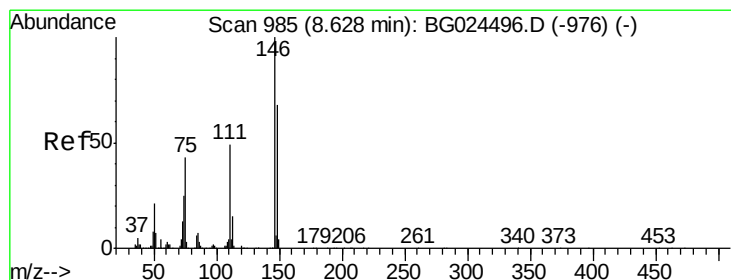
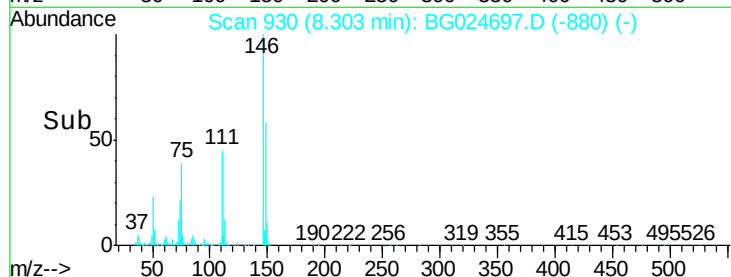
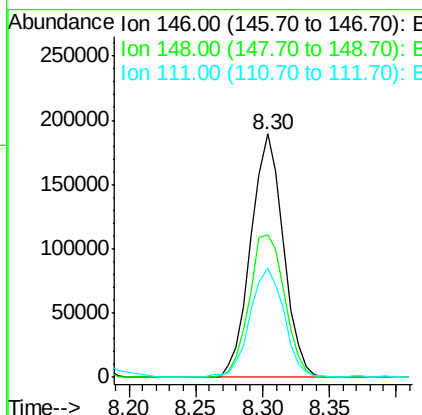
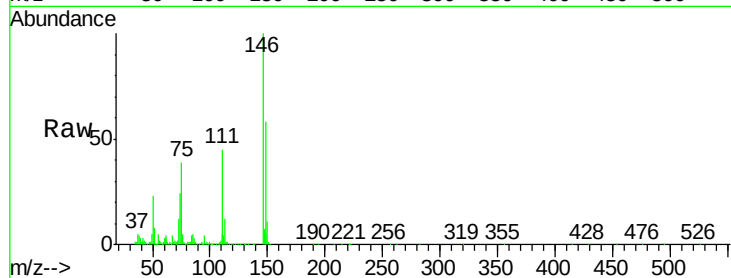
#13
1,4-Dichlorobenzene
Concen: 40.99 ng
RT: 8.30 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	58.5	52.2	78.2
111	44.8	37.0	55.6

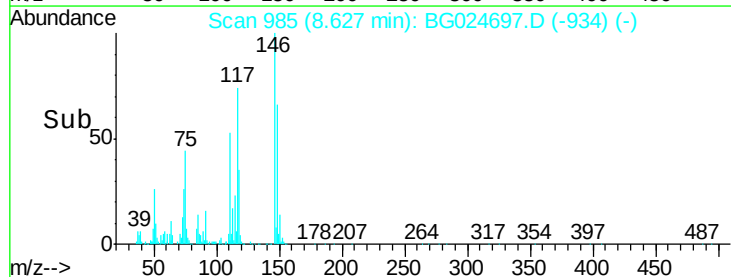
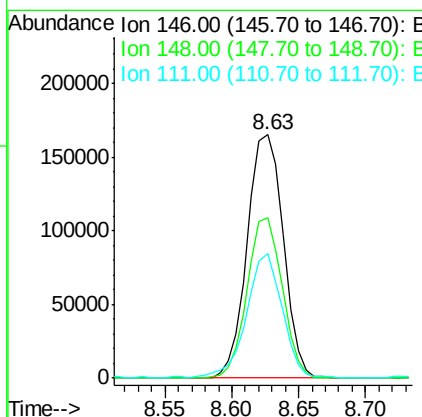
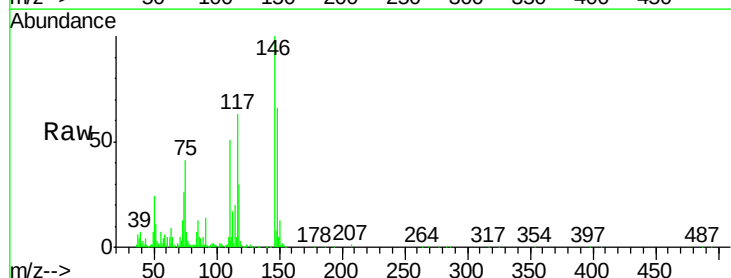
Manual Integrations
APPROVED

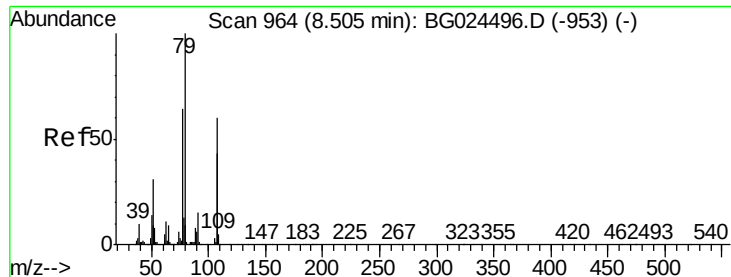
sohil
11/7/2016 4:37:02 PM



#14
1,2-Dichlorobenzene
Concen: 41.36 ng
RT: 8.63 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	54.6	81.8
111	51.0	39.7	59.5





#15

Benzyl Alcohol

Concen: 26.48 ng

RT: 8.50 min Scan# 964

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

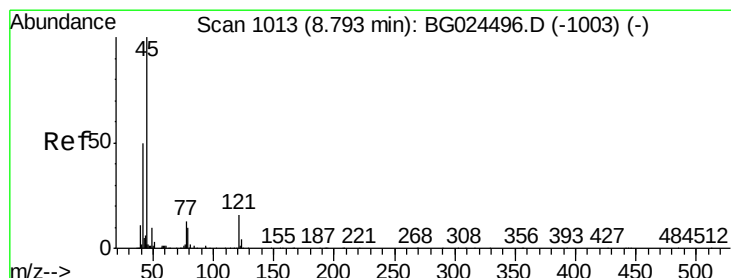
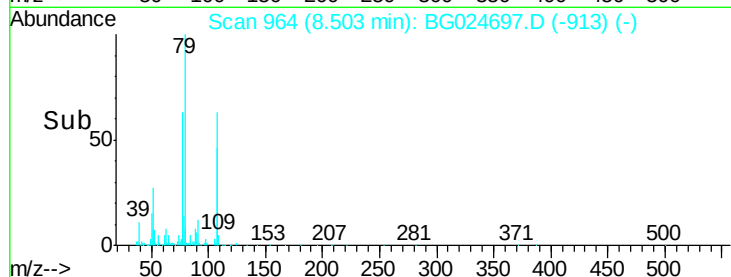
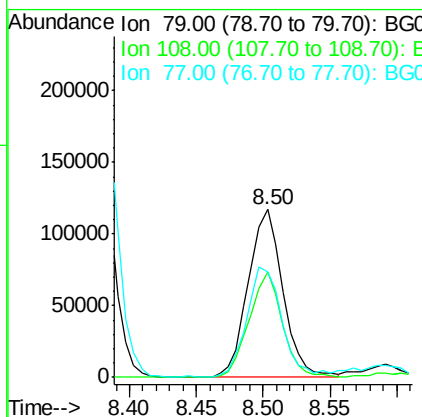
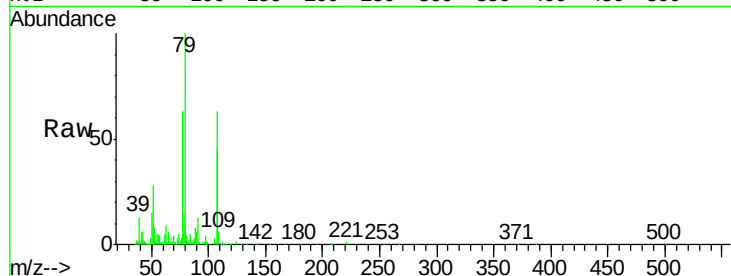
ClientSampleId :

S22-0015MSD

Tot Ion:	79	Resp:	211037
Ion Ratio	Lower	Upper	
79	100		
108	62.7	45.5	68.3
77	62.9	54.3	81.5

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.83 ng

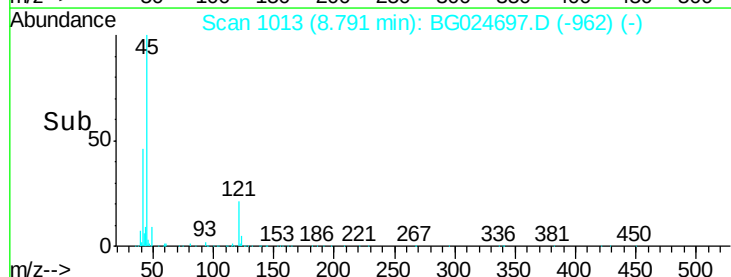
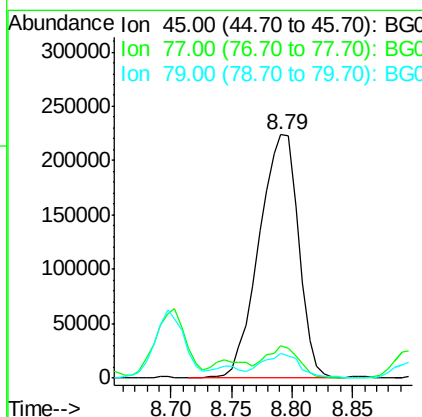
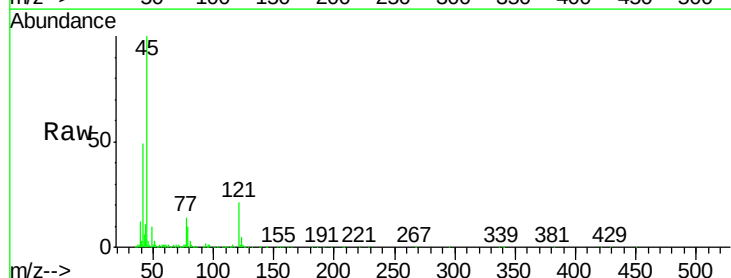
RT: 8.79 min Scan# 1013

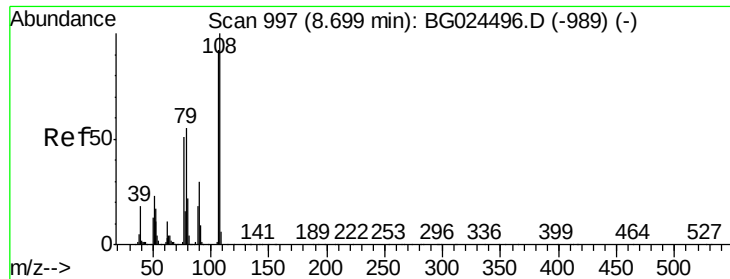
Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	45	Resp:	502684
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	30.6
79	10.2	0.0	28.5





#17

2-Methylphenol

Concen: 31.58 ng

RT: 8.70 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

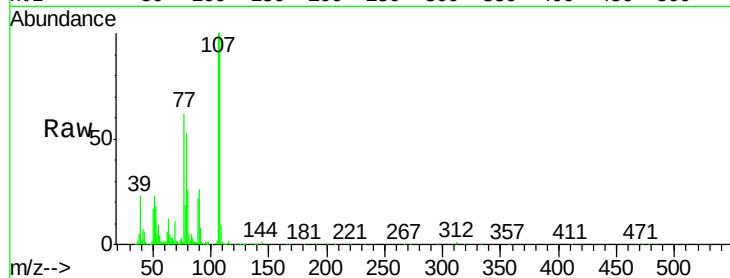
ClientSampleId :

S22-0015MSD

Tot Ion:	107	Resp:	184862
Ion Ratio	Lower	Upper	
107	100		
108	100.4	85.6	128.4
77	62.7	51.4	77.2
79	53.6	49.2	73.8

Manual Integrations
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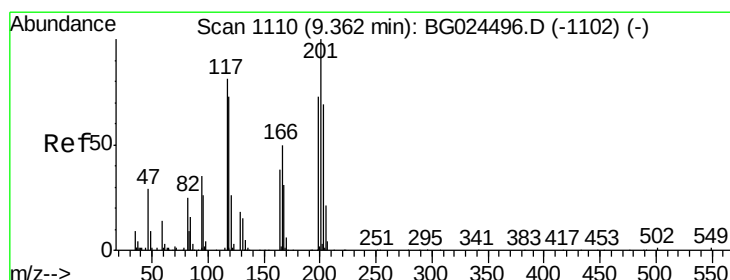
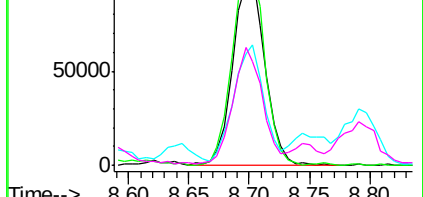
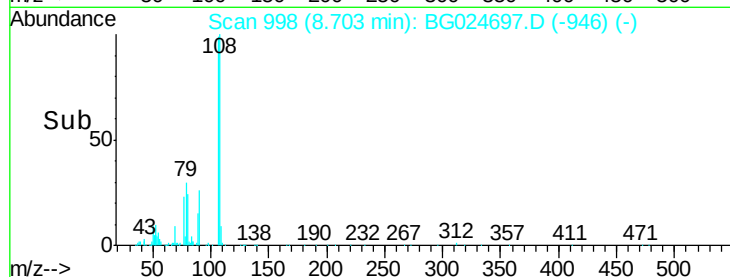
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

Time-->



#18

Hexachloroethane

Concen: 89.14 ng

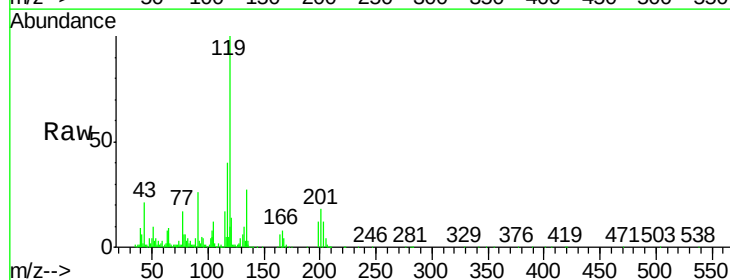
RT: 9.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	117	Resp:	266126
Ion Ratio	Lower	Upper	
117	100		
119	249.2	69.8	104.6#
201	45.1	95.4	143.0#

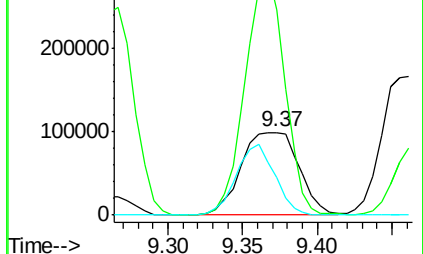
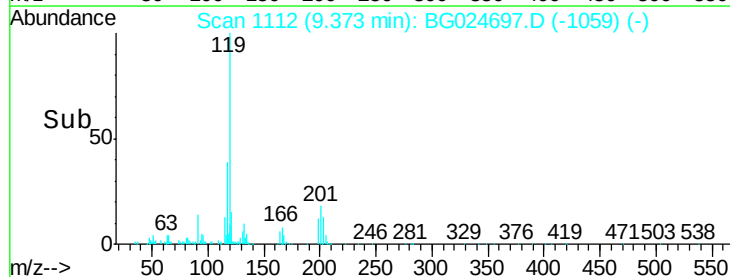


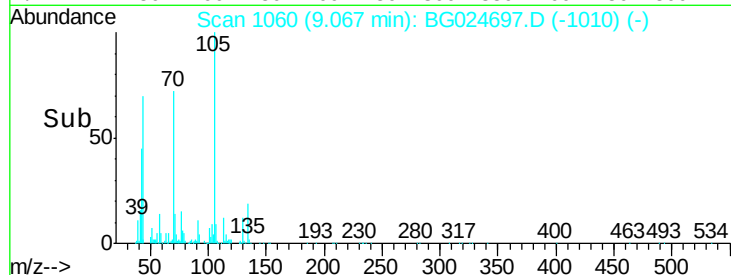
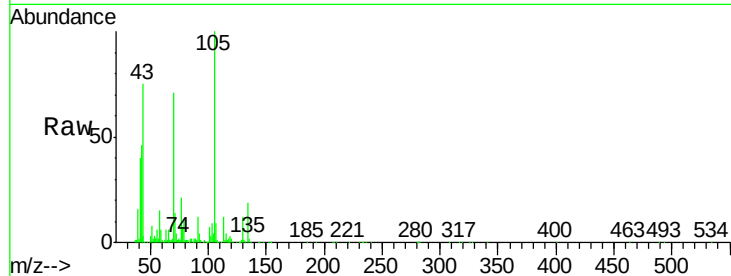
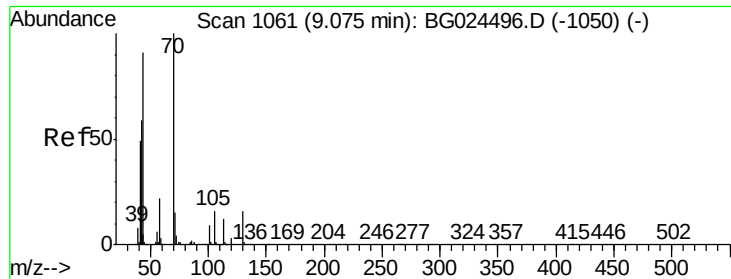
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

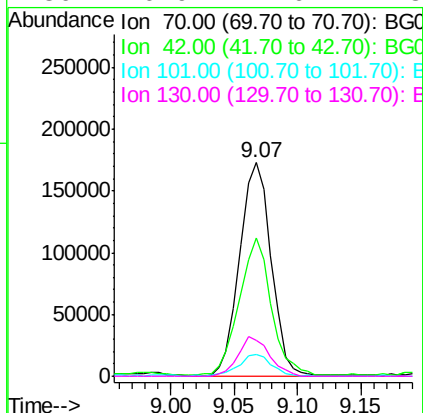
Time-->





#19
n-Nitroso-di-n-propylamine
Concen: 47.20 ng
RT: 9.07 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

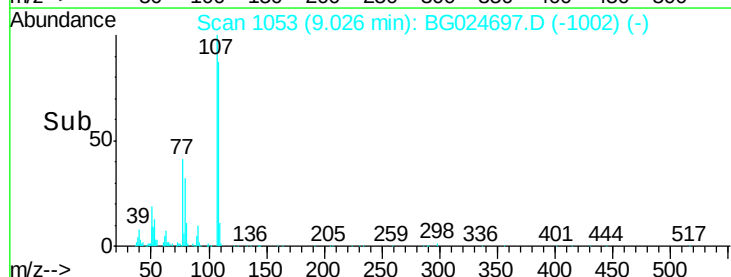
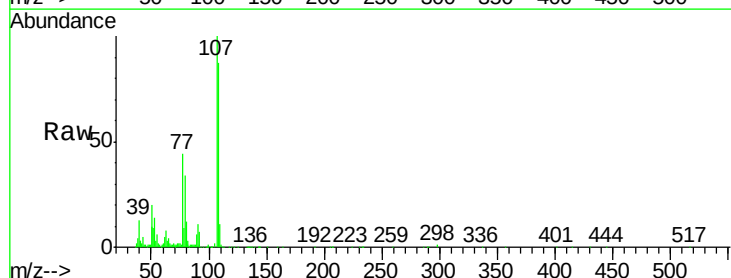
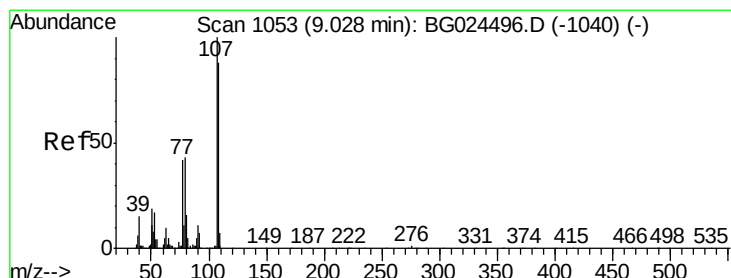
Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	56.1	84.1
101	10.0	7.5	11.3
130	16.9	14.6	21.8



Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

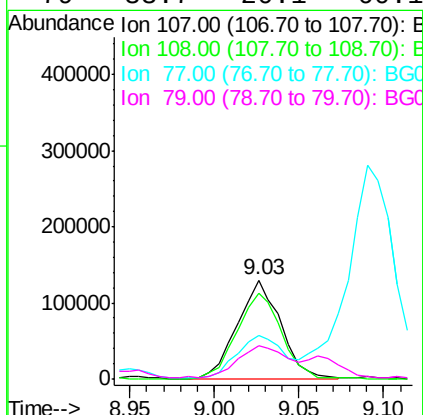
Manual Integrations
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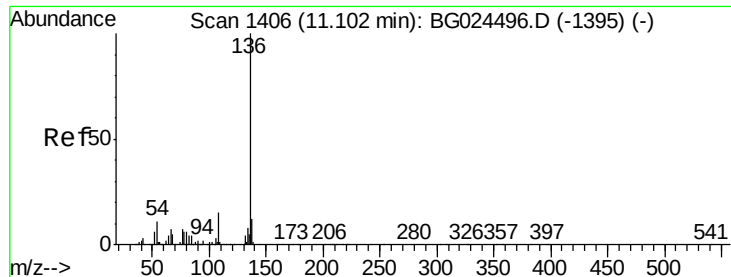
sohil
11/7/2016 4:37:02 PM



#20
3+4-Methylphenols
Concen: 28.94 ng
RT: 9.03 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	70.8	110.8
77	43.7	25.8	65.8
79	33.7	20.1	60.1





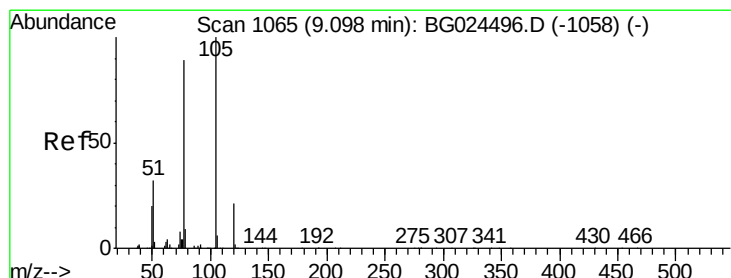
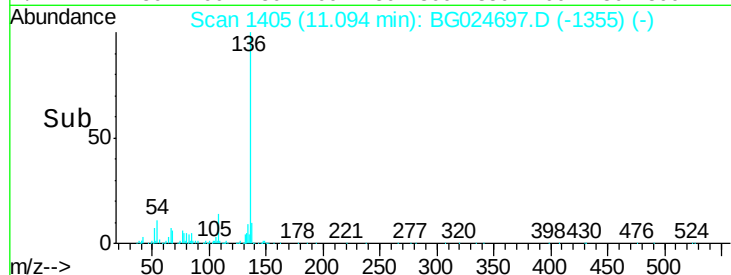
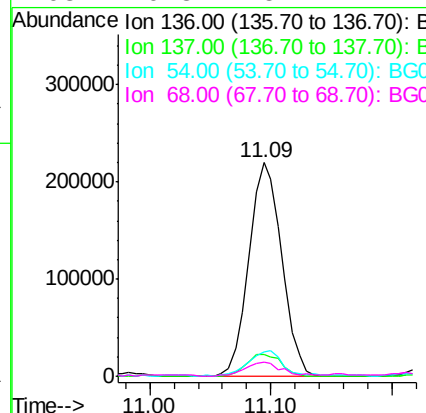
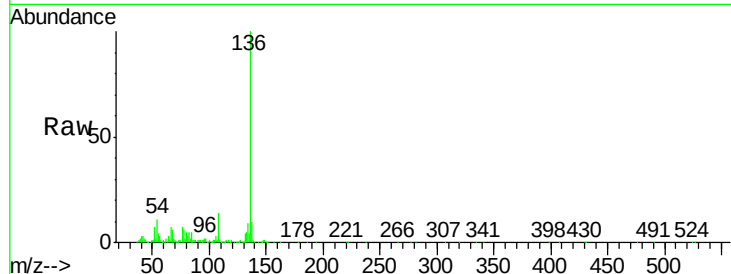
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	416134		
137	10.1	8.9	13.3	
54	11.1	9.3	13.9	
68	6.3	5.1	7.7	

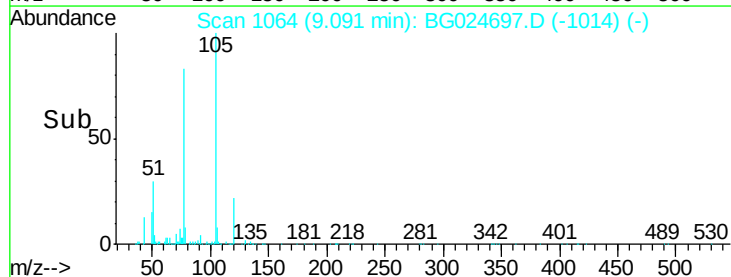
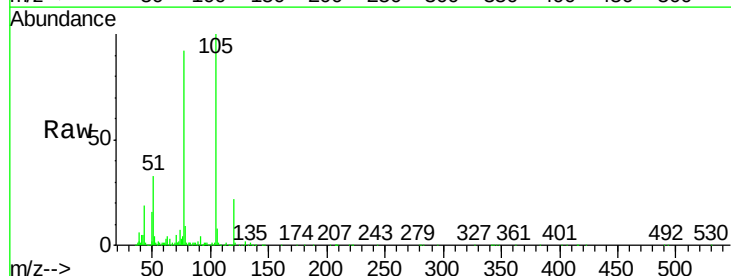
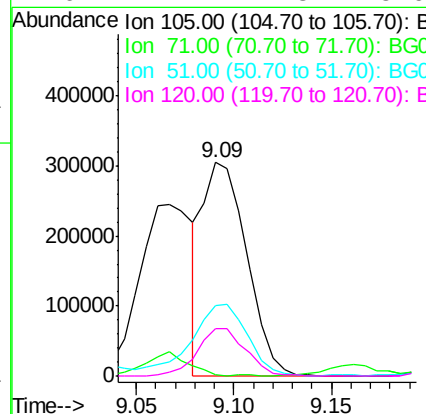
Manual Integrations
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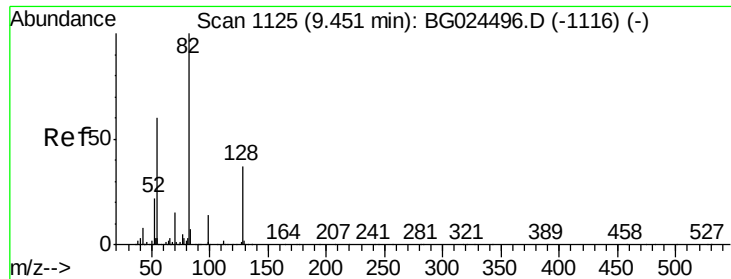
sohil
11/7/2016 4:37:02 PM



#22
Acetophenone
Concen: 44.41 ng
RT: 9.09 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	474740		
71	0.8	0.9	1.3#	
51	33.2	34.0	51.0#	
120	22.1	17.3	25.9	





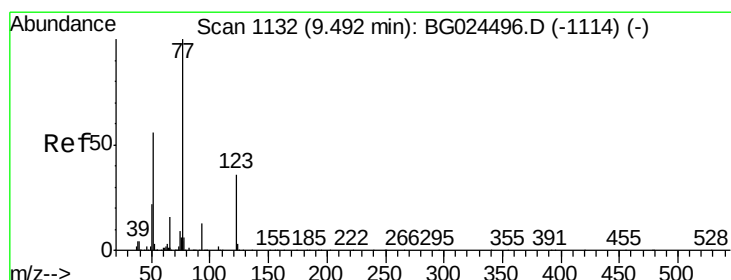
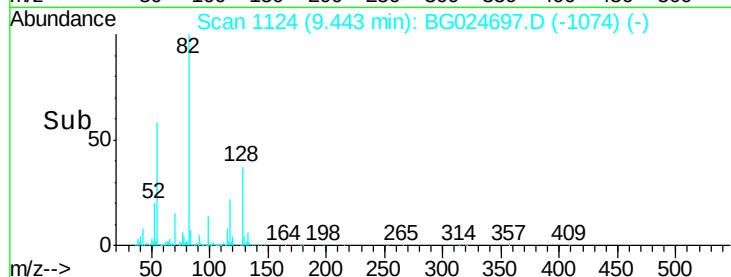
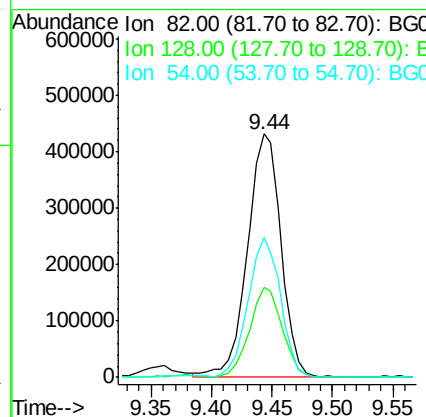
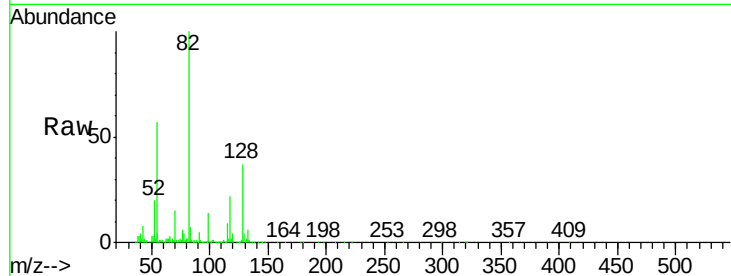
#23
 Nitrobenzene-d5
 Concen: 91.05 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BG024697.D
 Acq: 5 Nov 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.4	39.6
54	57.3	49.4	74.2

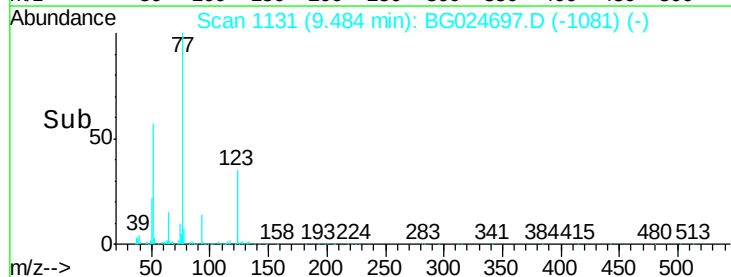
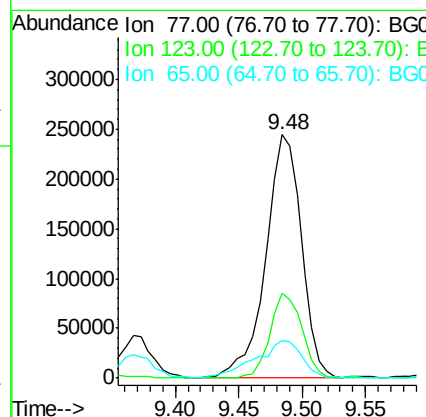
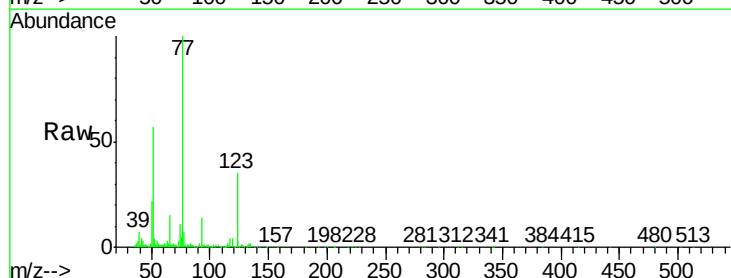
Manual Integrations
 APPROVED

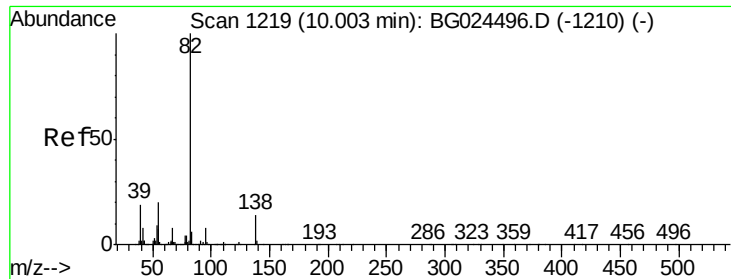
sohil
 11/7/2016 4:37:02 PM



#24
 Nitrobenzene
 Concen: 47.00 ng
 RT: 9.48 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BG024697.D
 Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.8	26.1	39.1
65	15.4	12.4	18.6





#25

Isophorone

Concen: 46.44 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

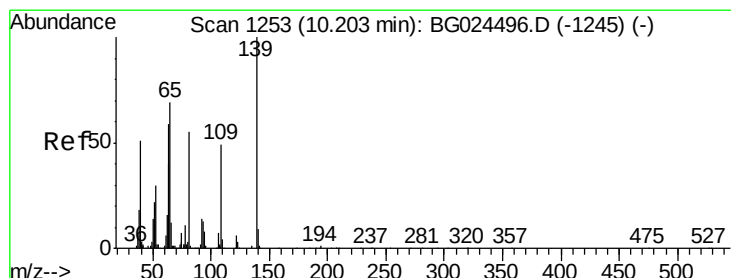
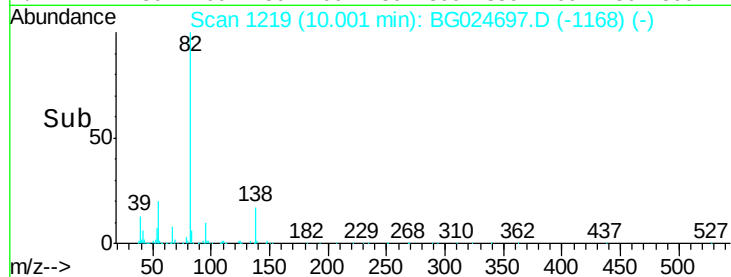
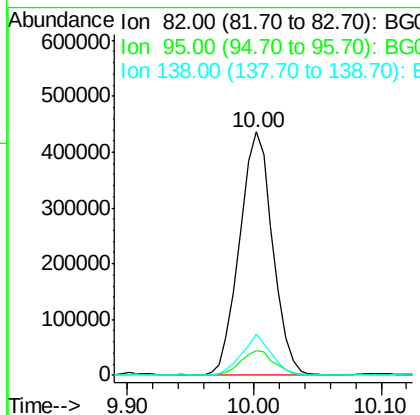
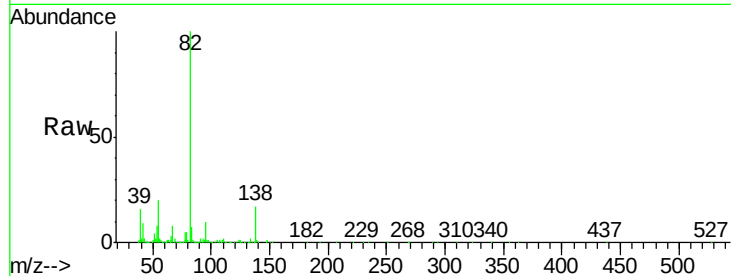
ClientSampleId :

S22-0015MSD

Tot Ion:	82	Resp:	789540
Ion Ratio		Lower	Upper
82	100		
95	10.3	7.5	11.3
138	16.8	12.3	18.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.01 ng

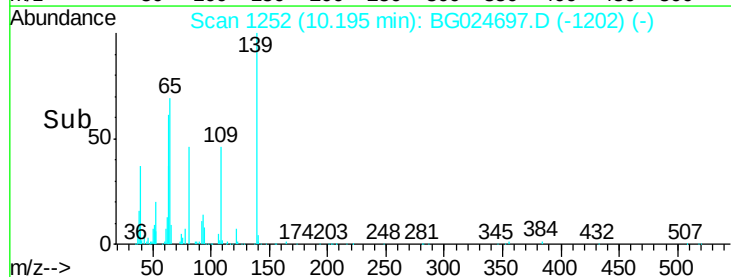
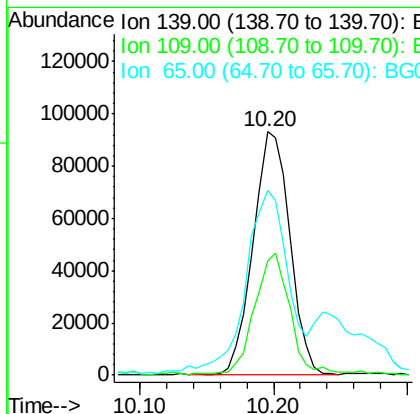
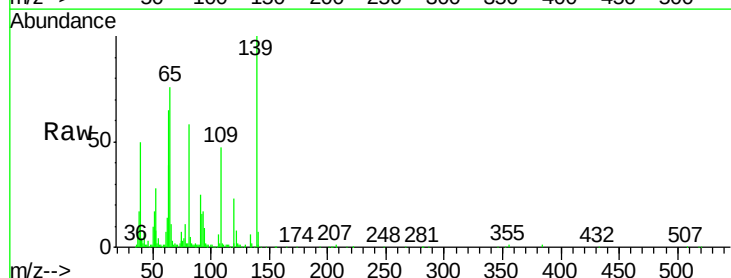
RT: 10.20 min Scan# 1252

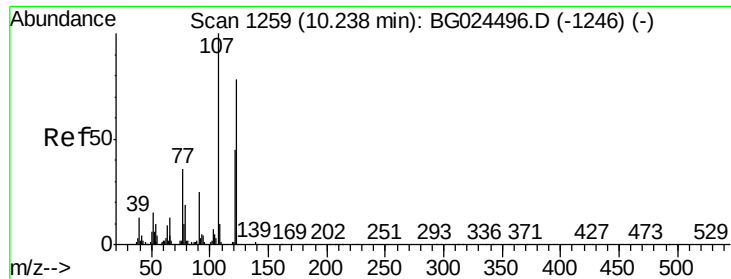
Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	139	Resp:	177430
Ion Ratio		Lower	Upper
139	100		
109	46.8	38.6	58.0
65	76.0	57.1	85.7





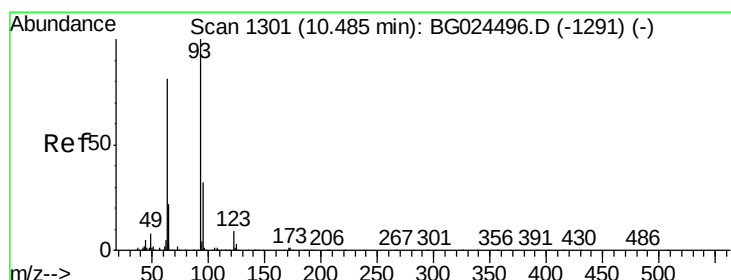
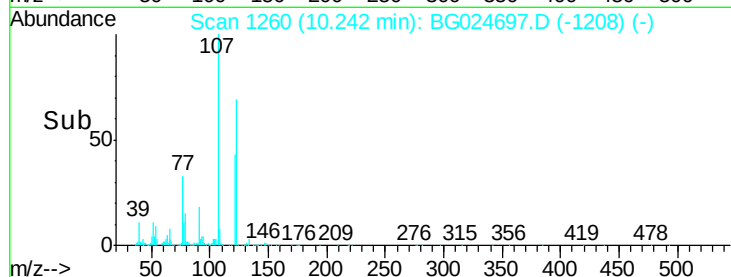
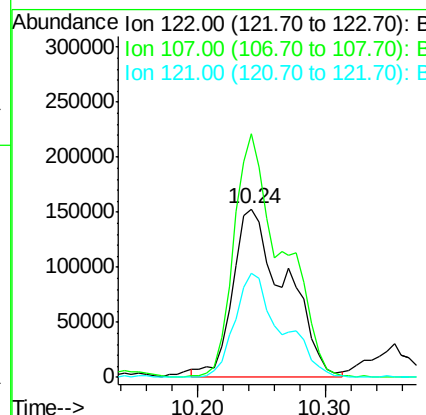
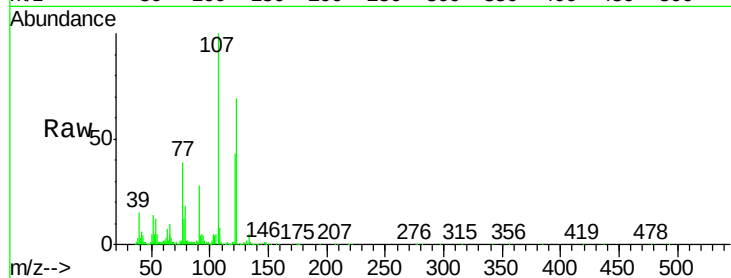
#27
2,4-Dimethylphenol
Concen: 66.86 ng/ml
RT: 10.24 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.5	104.2	156.4
121	62.1	46.0	69.0

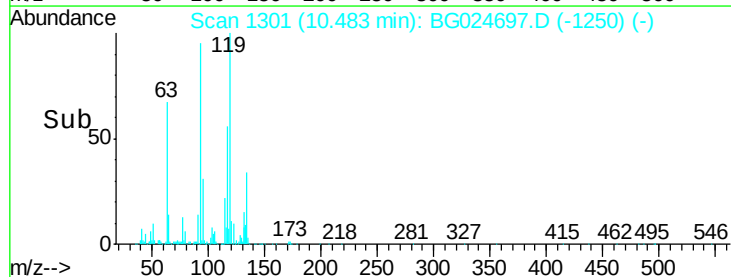
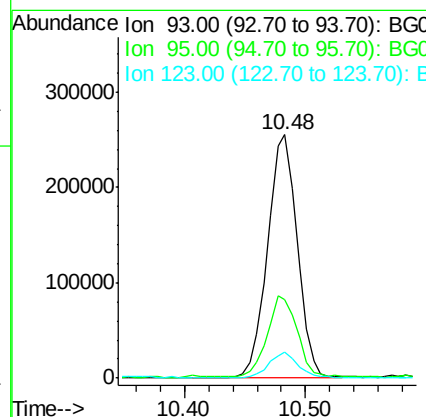
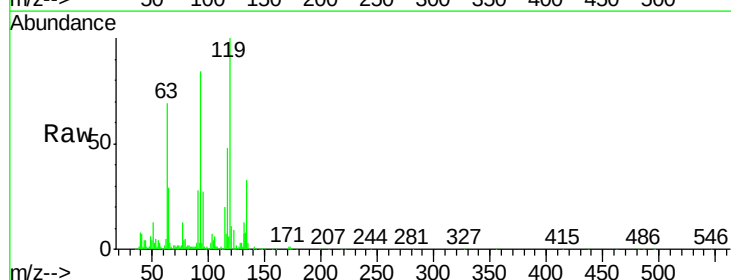
Manual Integrations
APPROVED

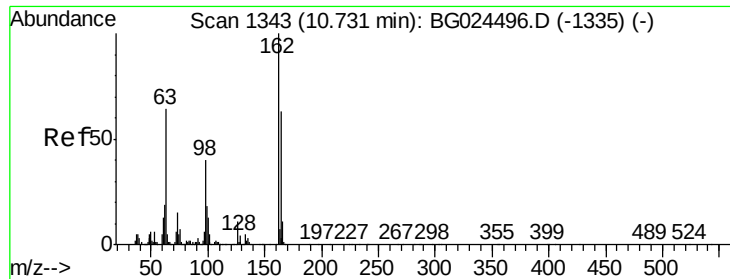
sohil
11/7/2016 4:37:02 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.31 ng/ml
RT: 10.48 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.7	38.5
123	10.6	8.3	12.5





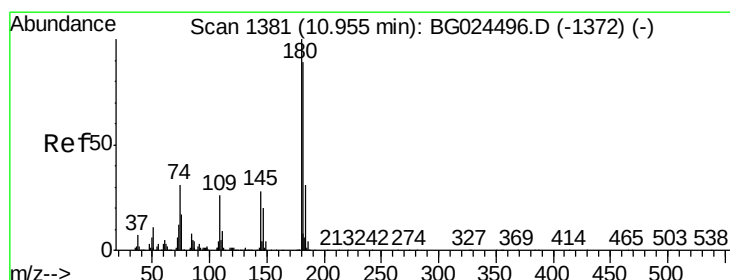
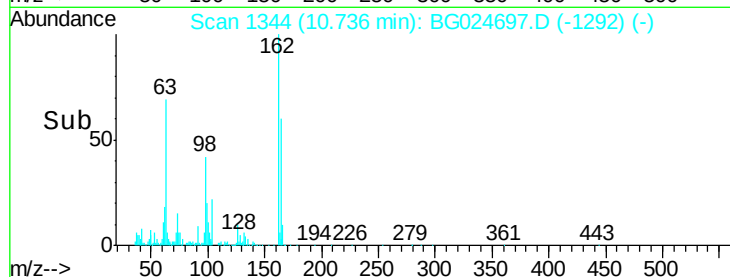
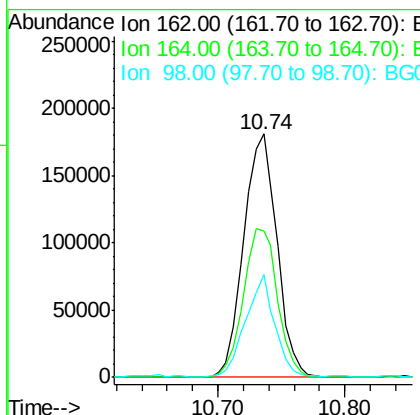
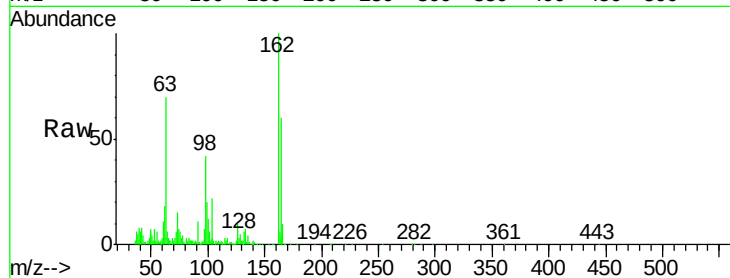
#29
2,4-Dichlorophenol
Concen: 47.58 ng
RT: 10.74 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	59.9	42.4	82.4
98	42.3	20.3	60.3

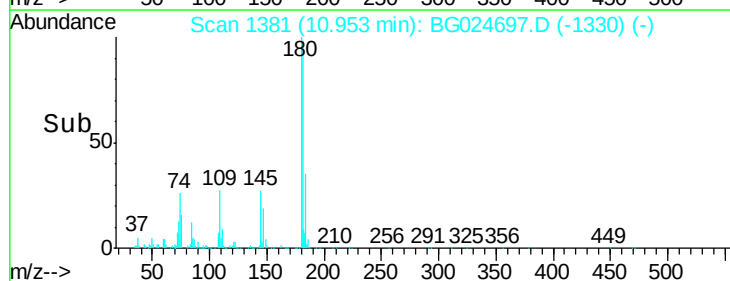
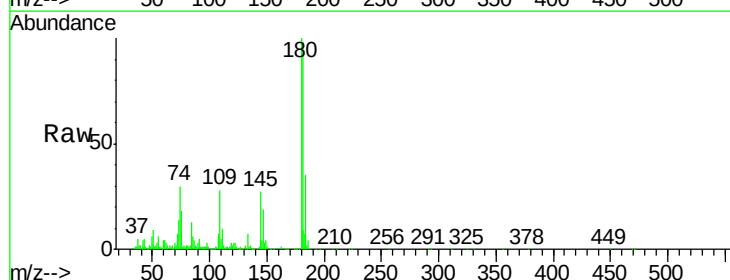
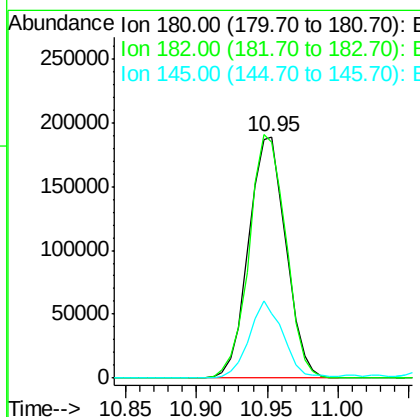
Manual Integrations
APPROVED

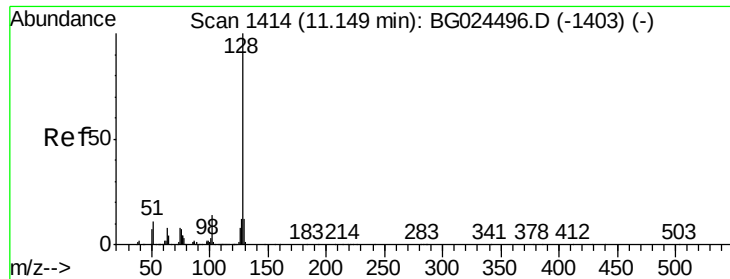
sohil
11/7/2016 4:37:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.59 ng
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.0	115.4
145	26.9	23.4	35.0





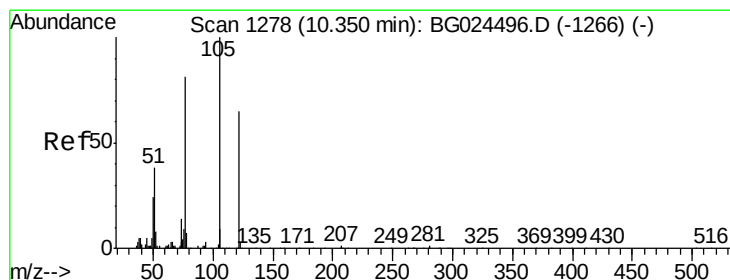
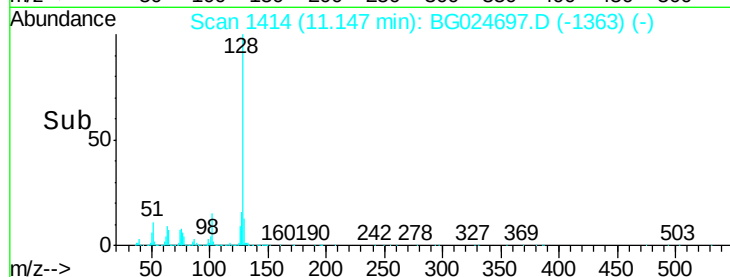
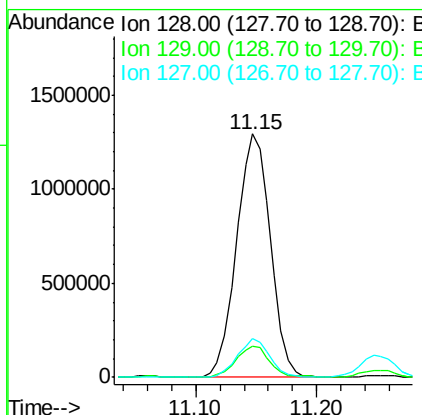
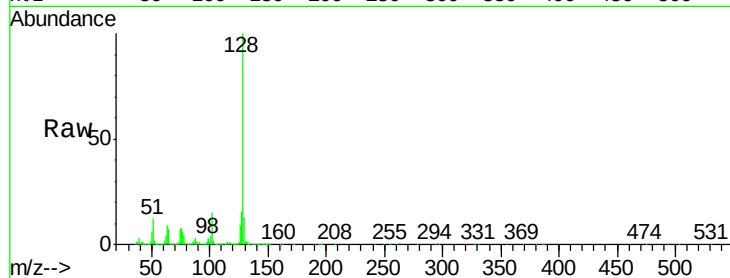
#31
Naphthalene
Concen: 121.32 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.3	13.9
127	15.9	11.4	17.0

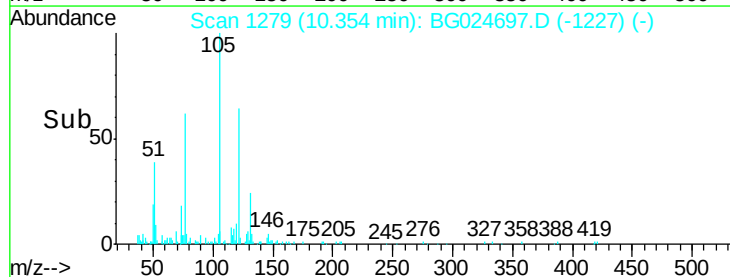
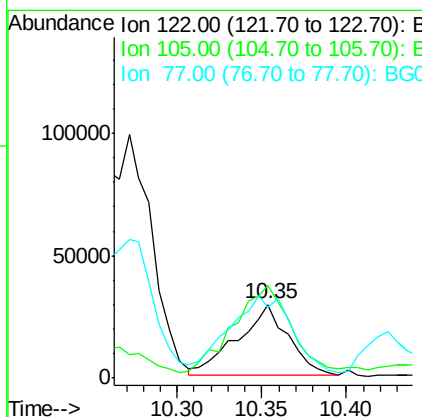
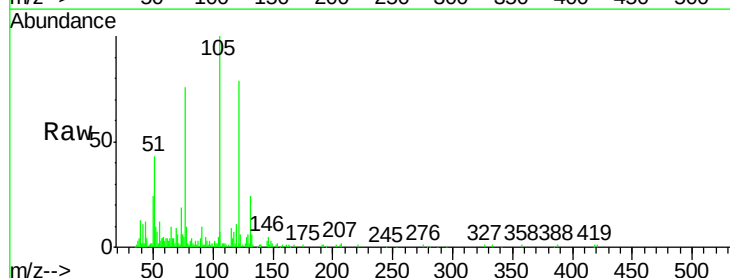
Manual Integrations
APPROVED

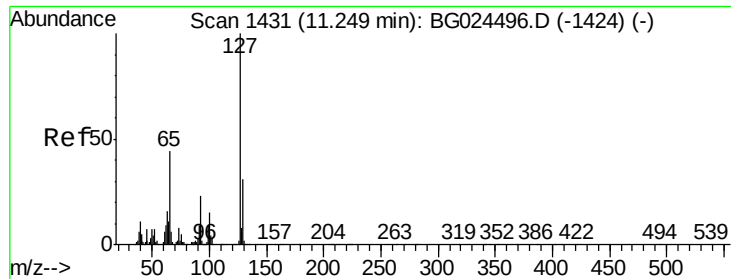
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#32
Benzoic acid
Concen: 10.90 ng
RT: 10.35 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	120.1	160.1
77	95.8	104.6	144.6





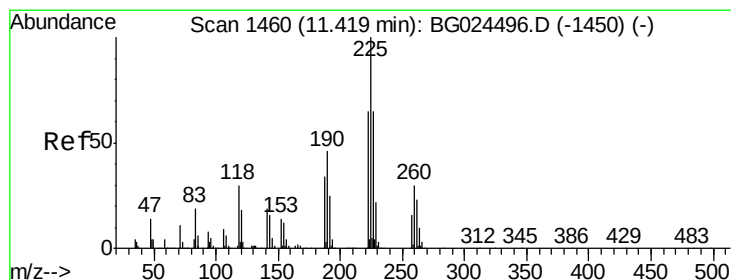
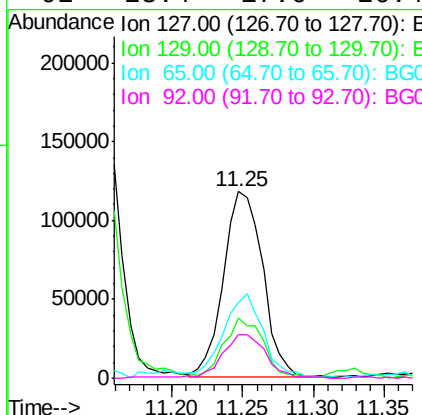
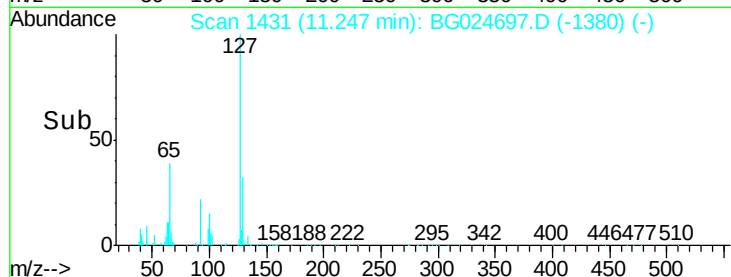
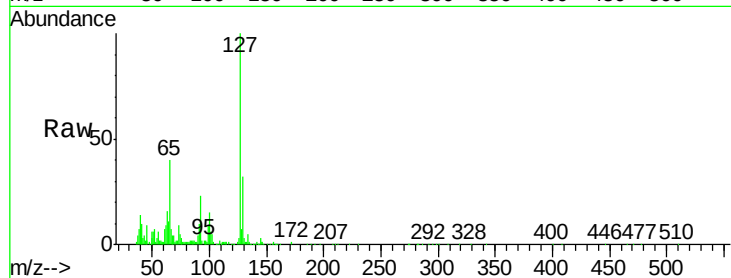
#33
4-Chloroaniline
Concen: 25.20 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	23.6	35.4
65	40.4	37.7	56.5
92	23.4	17.6	26.4

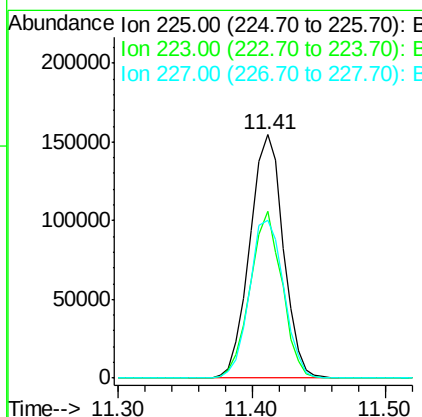
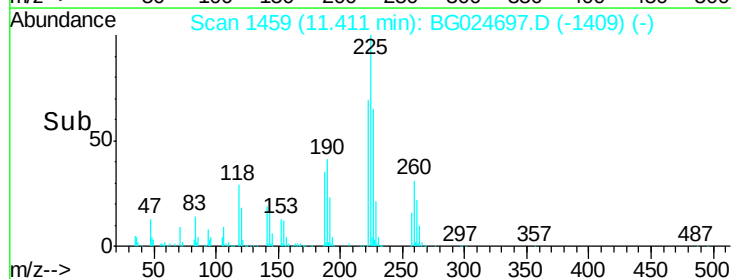
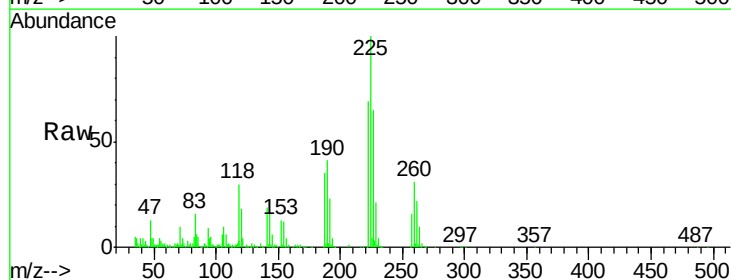
Manual Integrations
APPROVED

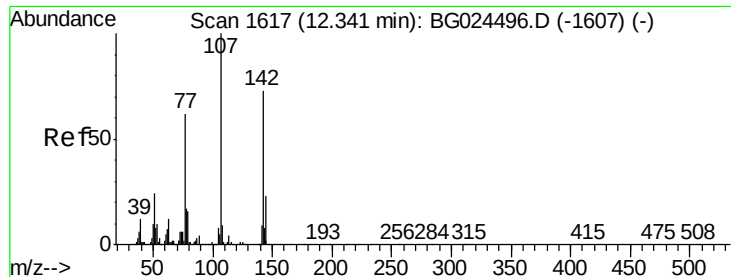
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#34
Hexachlorobutadiene
Concen: 41.54 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.5	50.7	76.1
227	64.8	49.0	73.6





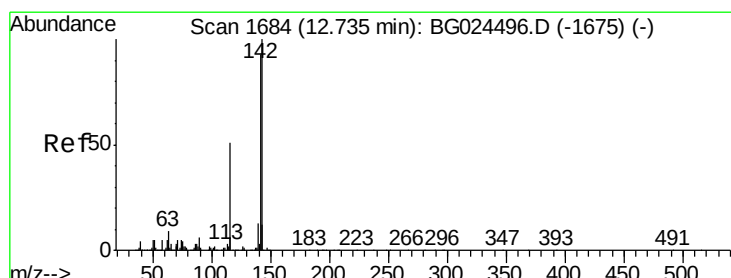
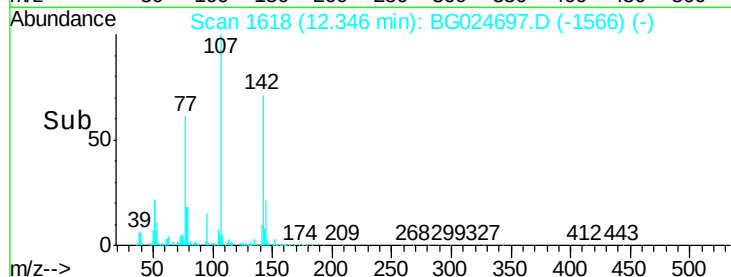
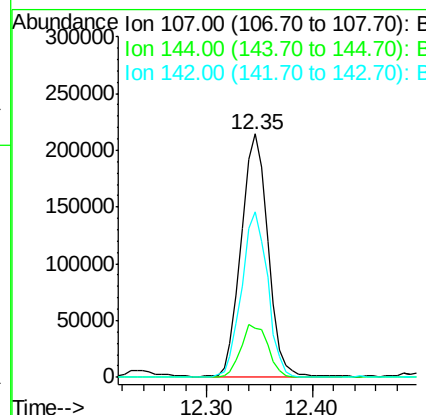
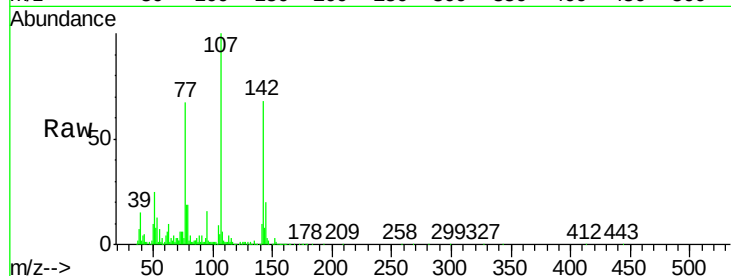
#36
4-Chloro-3-methylphenol
Concen: 44.77 ng
RT: 12.35 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	20.3	17.4	26.0
142	67.9	54.1	81.1

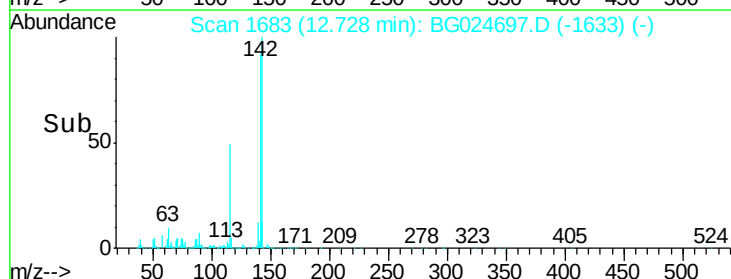
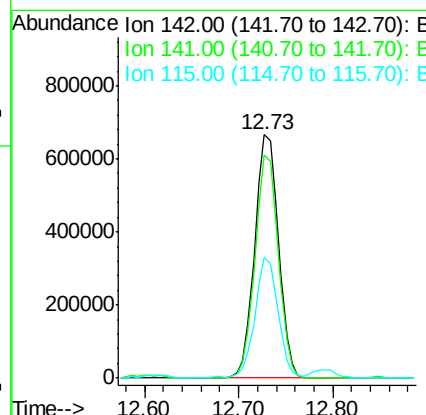
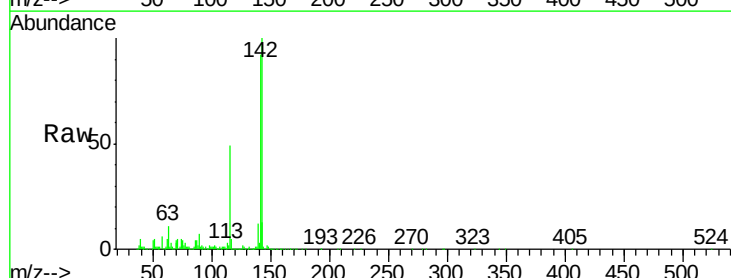
Manual Integrations
APPROVED

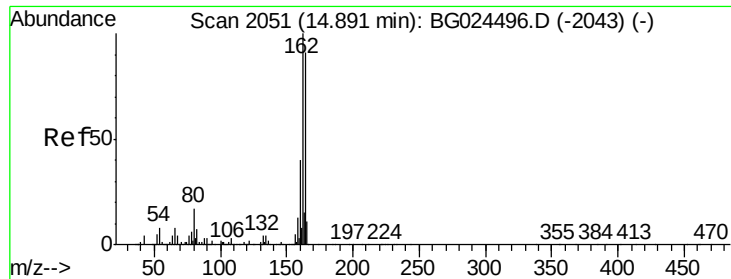
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#37
2-Methylnaphthalene
Concen: 77.31 ng
RT: 12.73 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.4	105.6
115	49.5	35.5	53.3





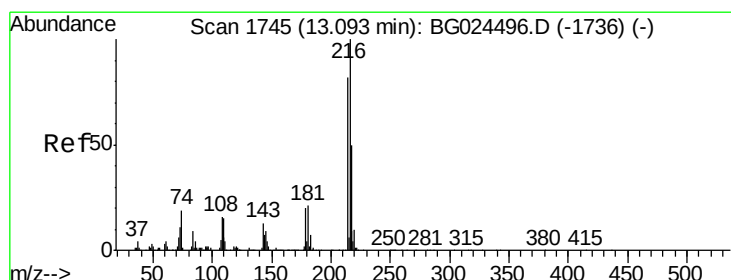
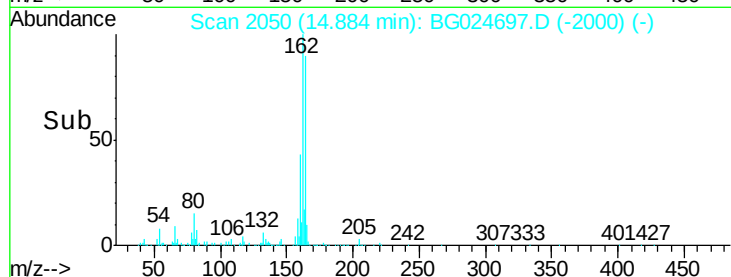
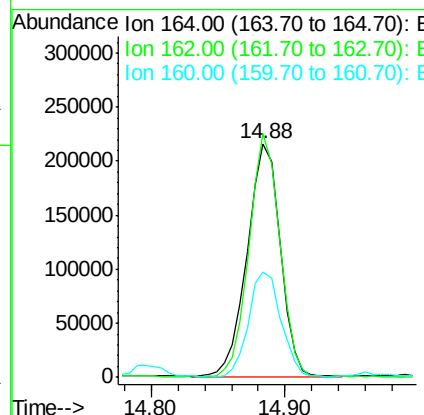
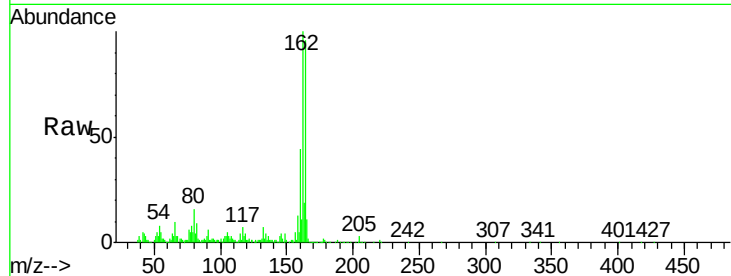
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.1	127.7
160	45.4	34.7	52.1

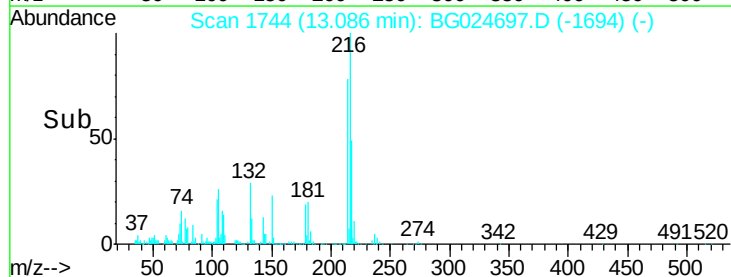
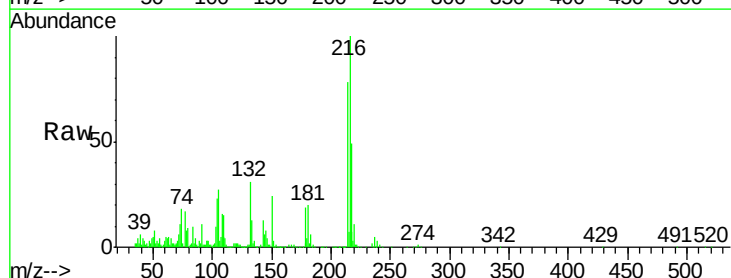
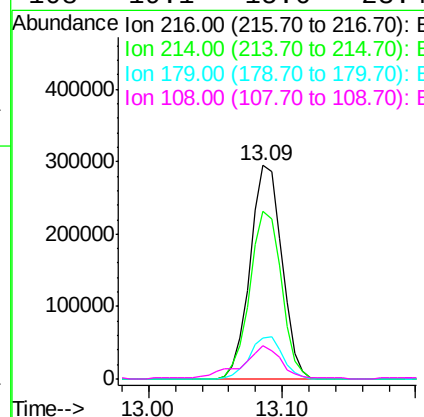
Manual Integrations
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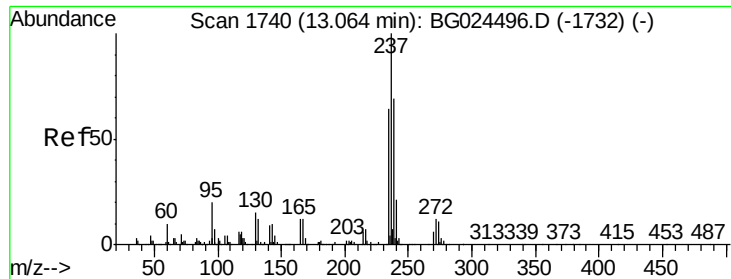
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.64 ng
RT: 13.09 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	64.4	96.6
179	20.5	17.4	26.0
108	19.1	15.6	23.4





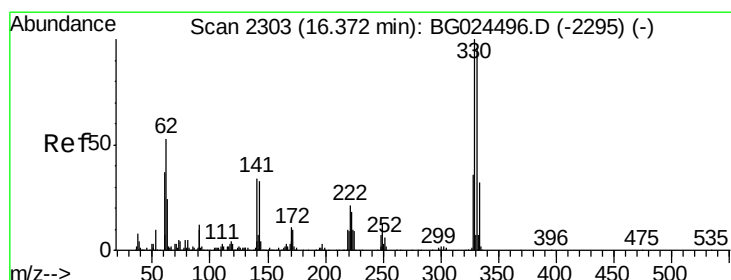
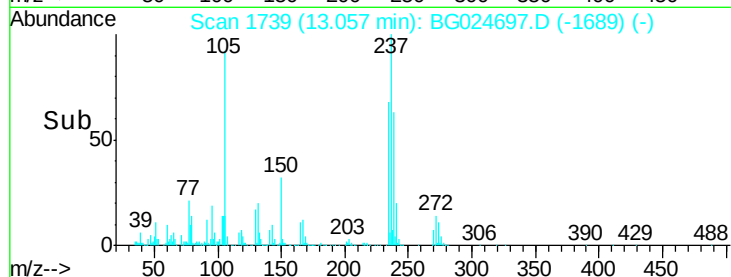
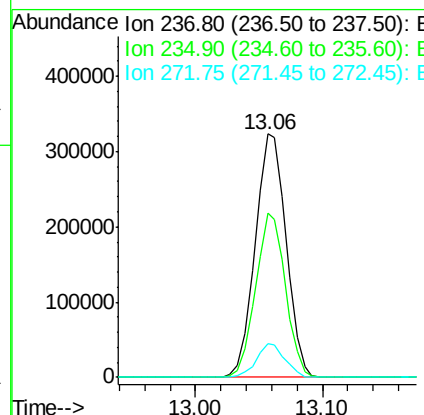
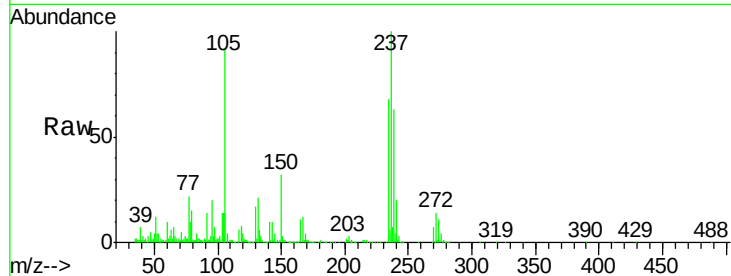
#40
Hexachlorocyclopentadiene
Concen: 78.38 ng
RT: 13.06 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	67.6	39.4	79.4
272	13.8	0.0	32.0

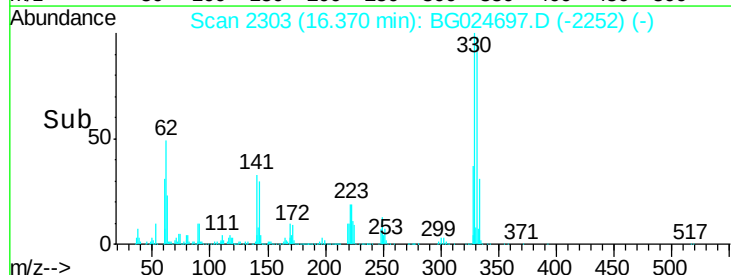
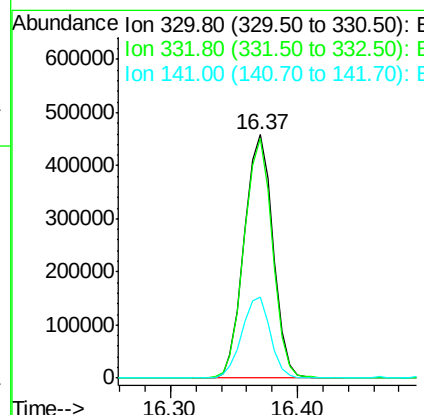
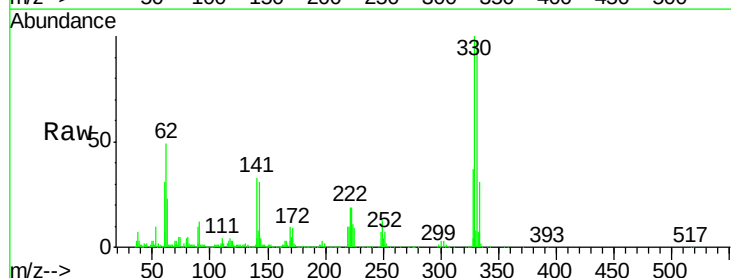
Manual Integrations
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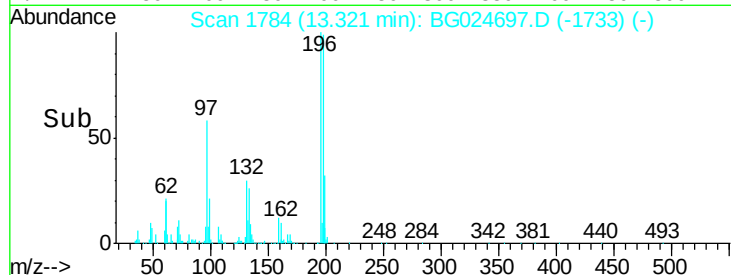
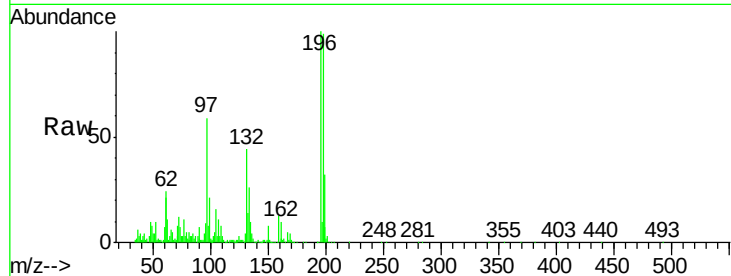
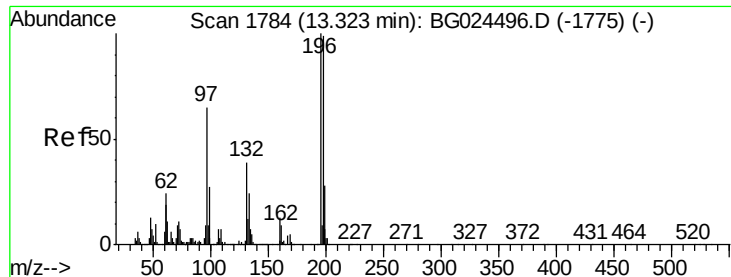
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#41
2,4,6-Tribromophenol
Concen: 131.47 ng
RT: 16.37 min Scan# 2303
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	77.3	115.9
141	32.3	32.1	48.1





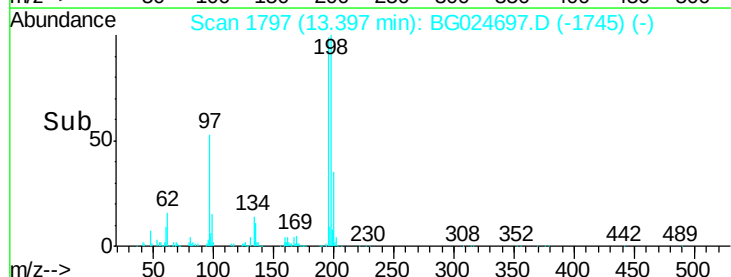
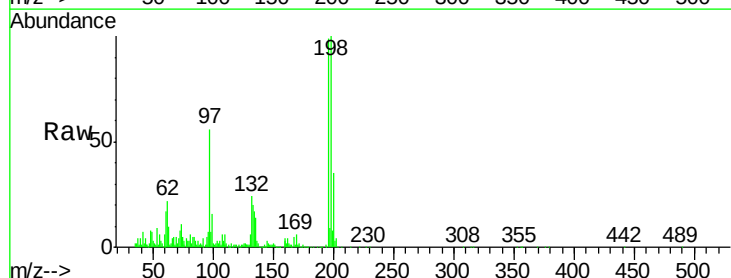
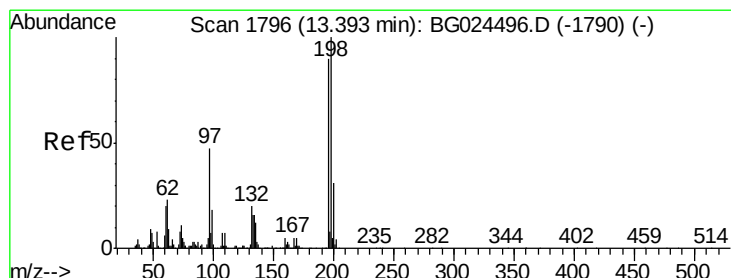
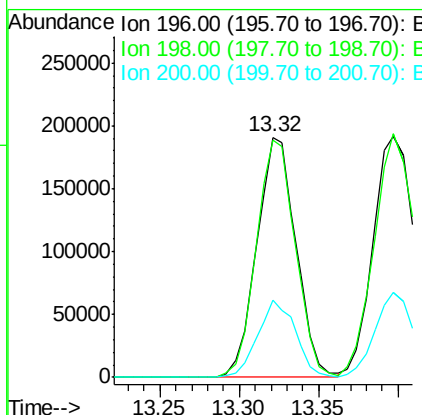
#42
2,4,6-Trichlorophenol
Concen: 43.83 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	327653		
198	99.0	81.4	122.2	
200	32.2	27.0	40.6	

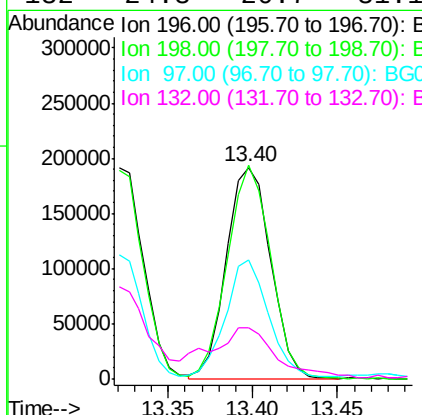
Manual Integrations
APPROVED

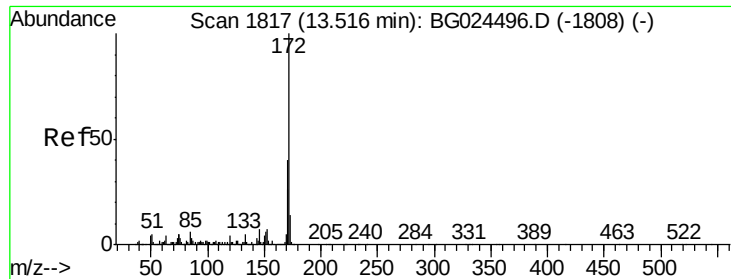
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#43
2,4,5-Trichlorophenol
Concen: 43.30 ng
RT: 13.40 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349925		
198	101.1	79.9	119.9	
97	56.2	45.4	68.0	
132	24.3	20.7	31.1	





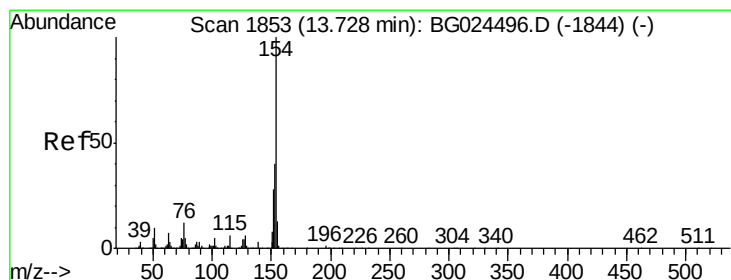
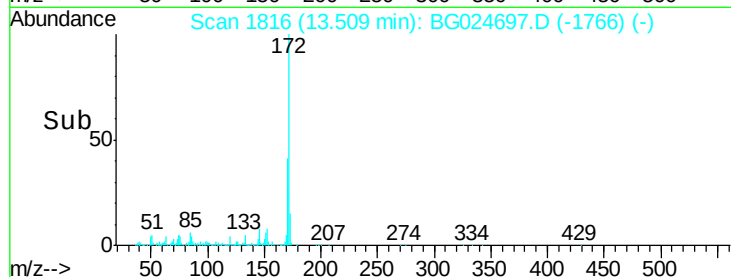
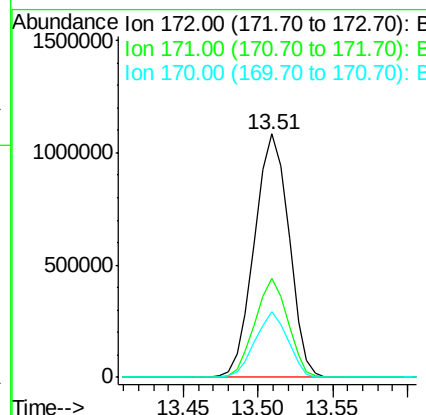
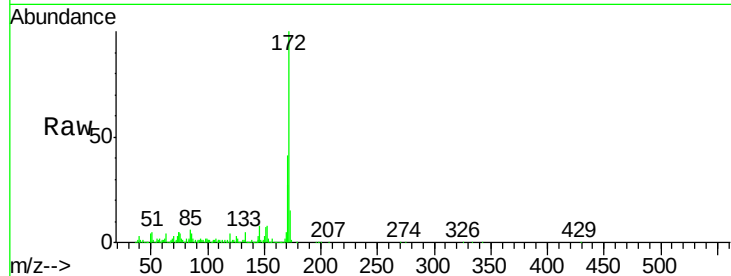
#44
2-Fluorobiphenyl
Concen: 78.16 ng
RT: 13.51 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampled :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.5	32.2	48.2
170	26.8	21.8	32.6

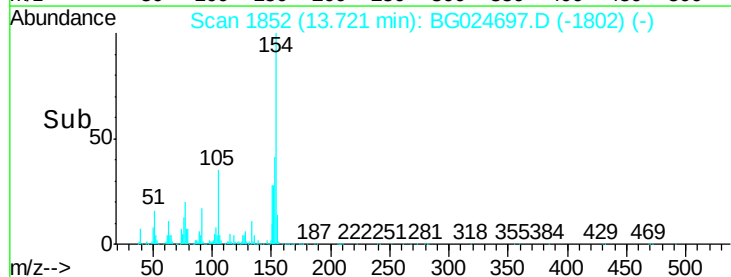
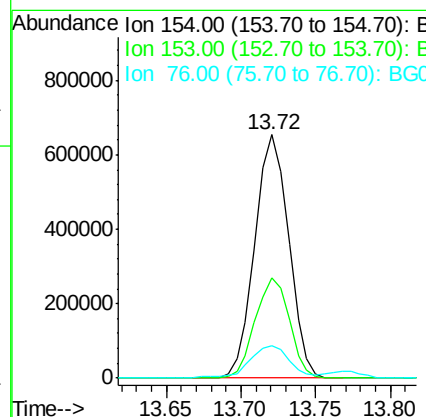
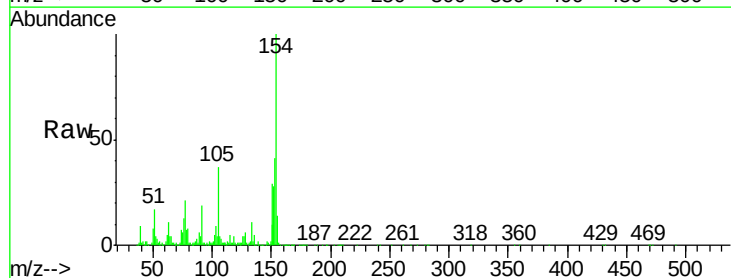
Manual Integrations
APPROVED

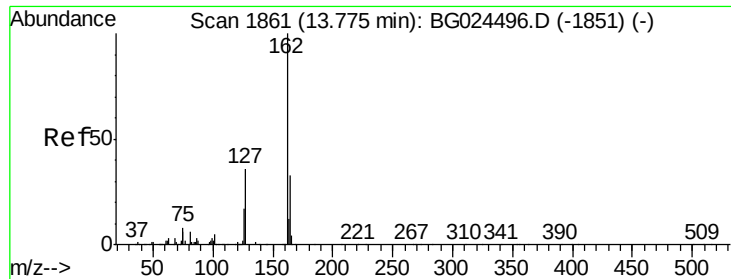
sohil
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#45
1,1'-Biphenyl
Concen: 40.19 ng
RT: 13.72 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	23.0	63.0
76	13.5	0.0	33.5





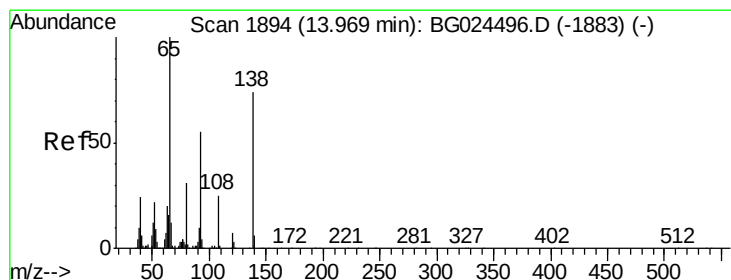
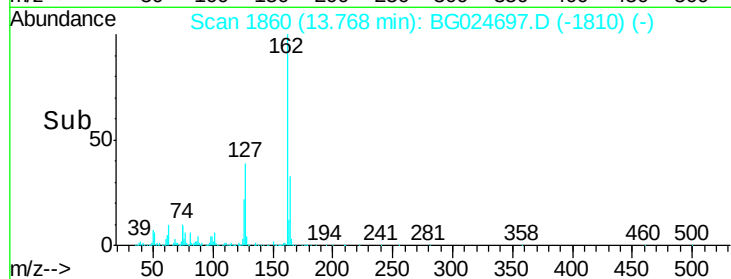
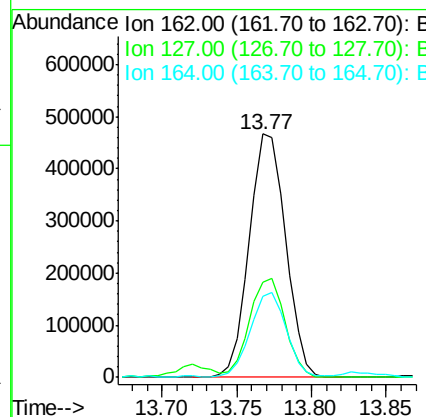
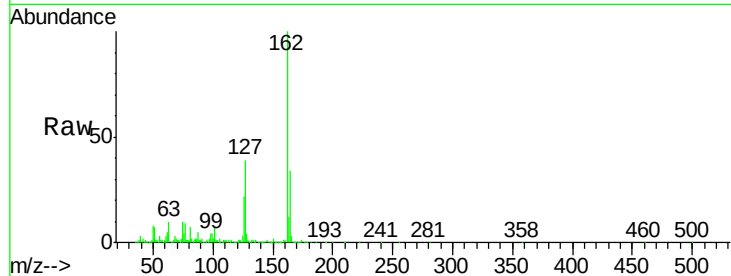
#46
 2-Chloronaphthalene
 Concen: 40.36 ng
 RT: 13.77 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BG024697.D
 Acq: 5 Nov 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	32.2	48.4
164	33.6	27.3	40.9

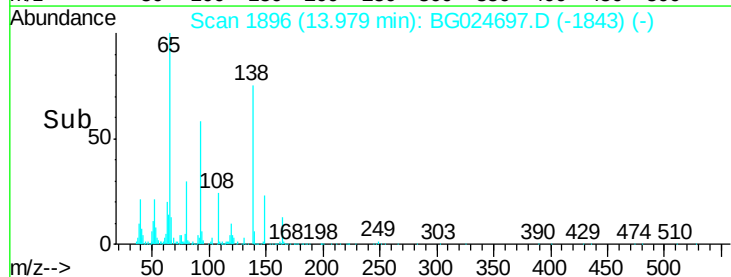
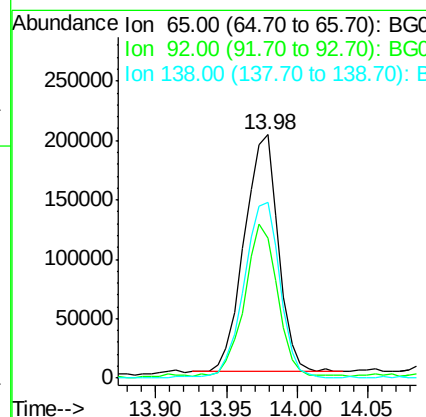
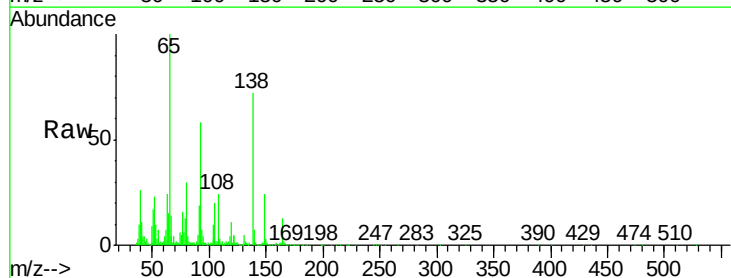
Manual Integrations
 APPROVED

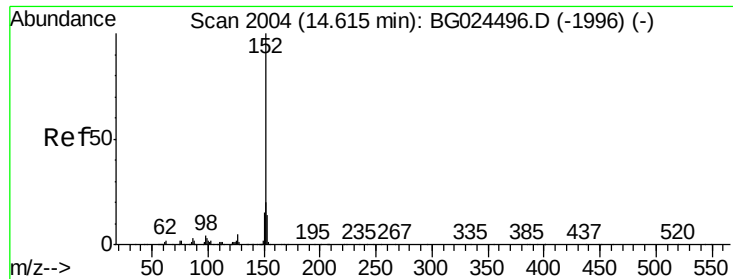
sohil
 11/7/2016 4:37:02 PM



#47
 2-Nitroaniline
 Concen: 41.98 ng
 RT: 13.98 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BG024697.D
 Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.6	49.0	73.4
138	72.3	58.6	87.8





#48

Acenaphthylene

Concen: 40.47 ng

RT: 14.61 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

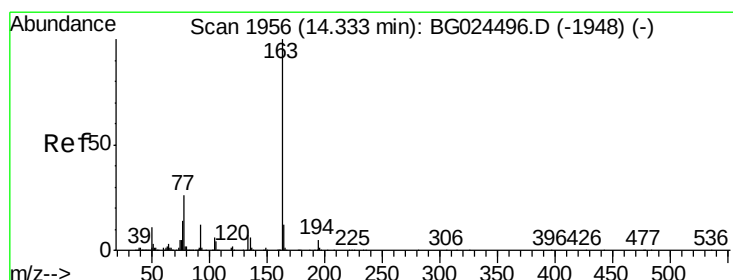
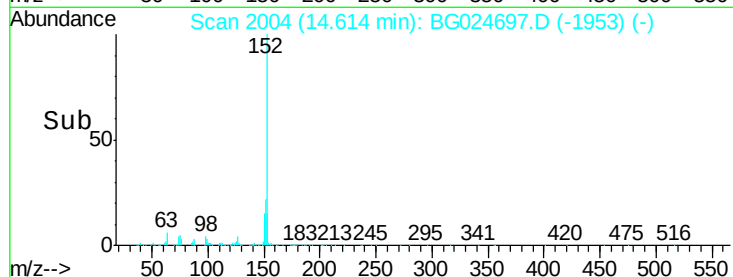
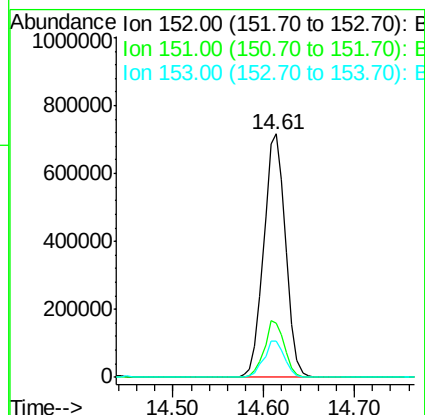
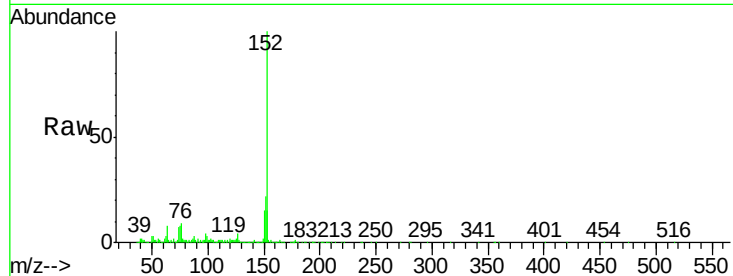
ClientSampleId :

S22-0015MSD

Tot Ion:	152	Resp:	1209046
Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.2	27.2
153	14.7	11.3	16.9

Manual Integrations
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#49

Dimethylphthalate

Concen: 51.05 ng

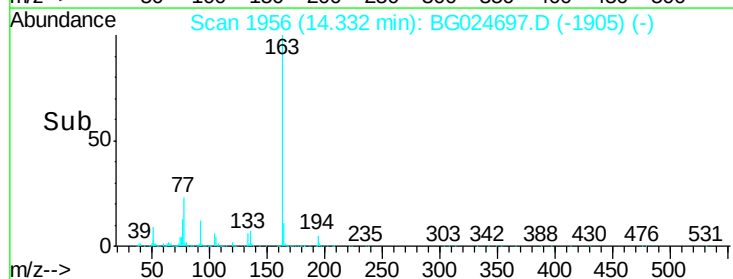
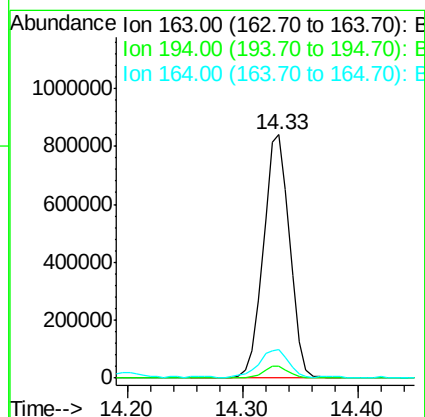
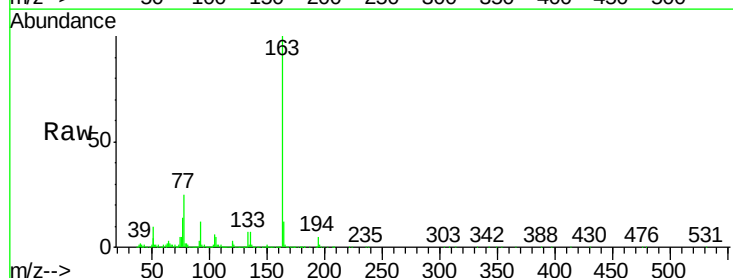
RT: 14.33 min Scan# 1956

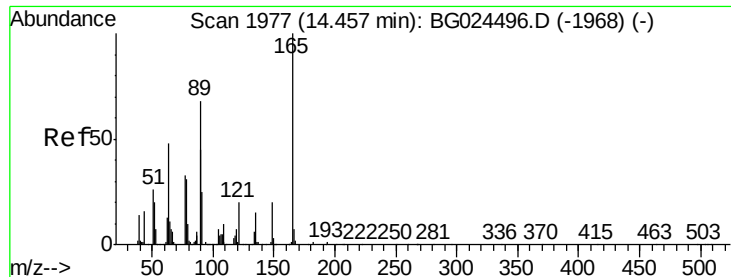
Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	163	Resp:	1336145
Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.8	5.6
164	11.9	9.3	13.9





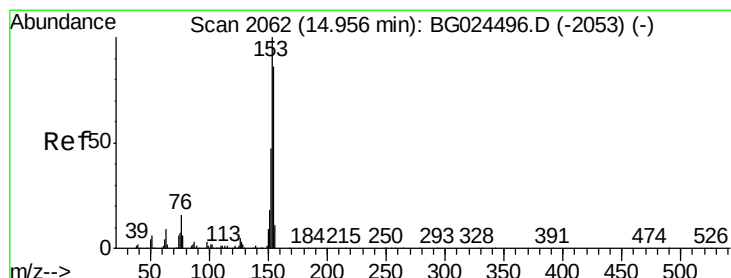
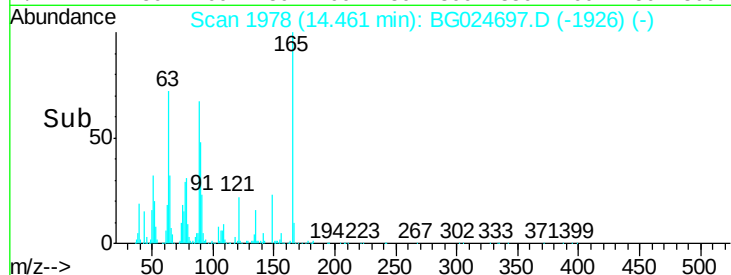
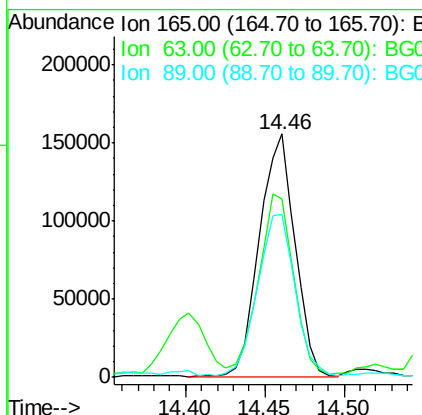
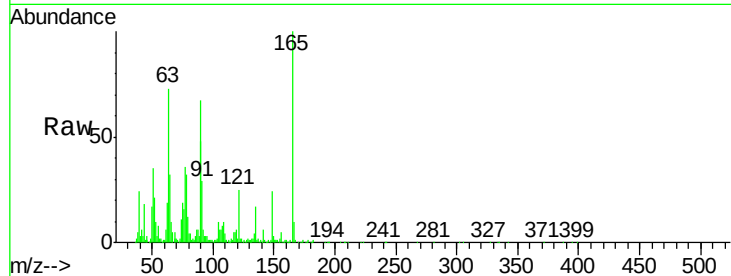
#50
2,6-Dinitrotoluene
Concen: 43.44 ng
RT: 14.46 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242741		
63	73.5	63.9	95.9	
89	67.0	58.6	88.0	

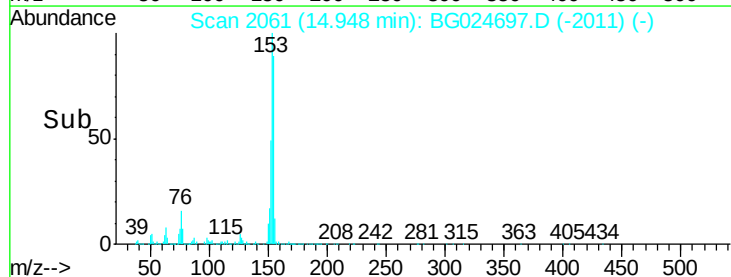
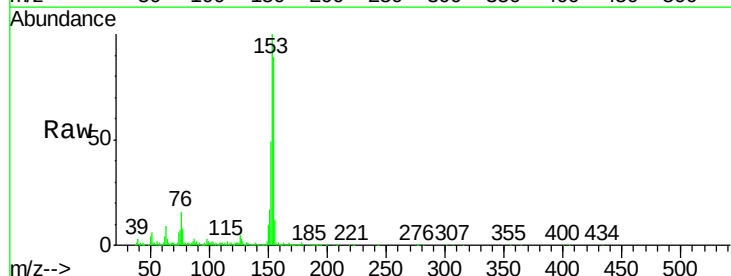
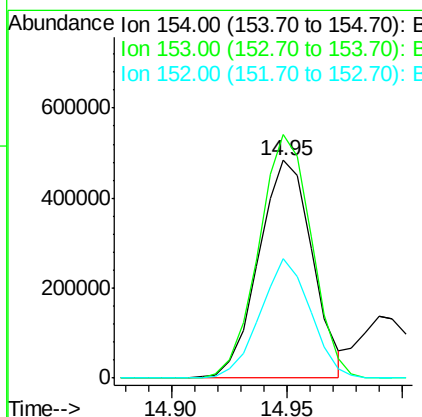
Manual Integrations
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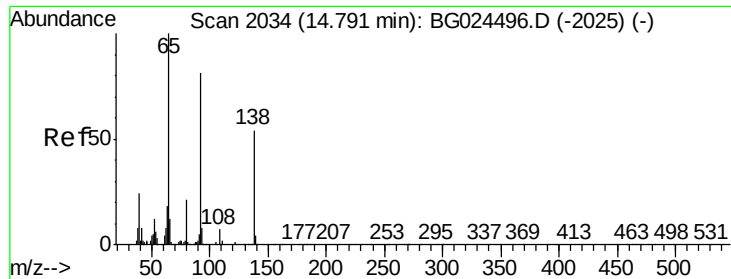
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#51
Acenaphthene
Concen: 35.09 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	781470		
153	111.8	87.8	131.6	
152	54.9	42.2	63.4	





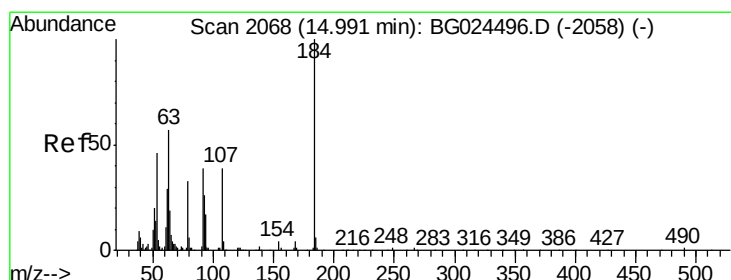
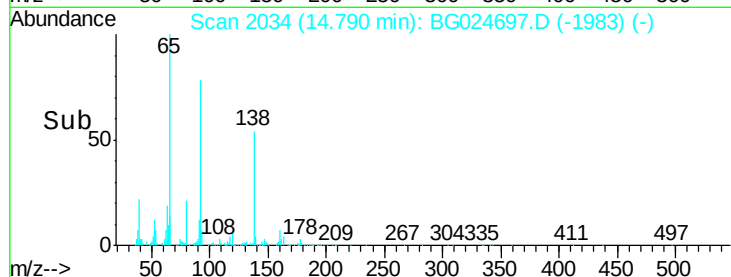
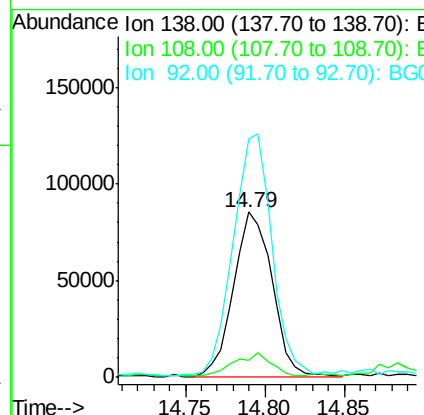
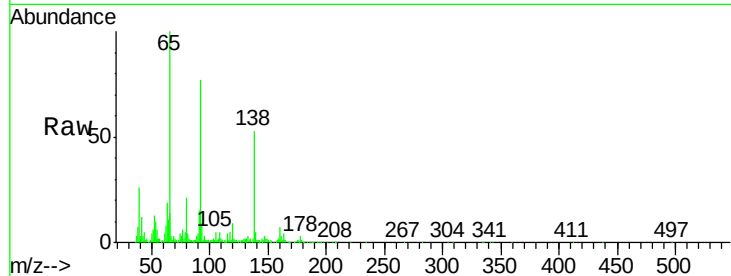
#52
3-Nitroaniline
Concen: 25.00 ng
RT: 14.79 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	10.9	16.3#
92	144.1	115.3	172.9

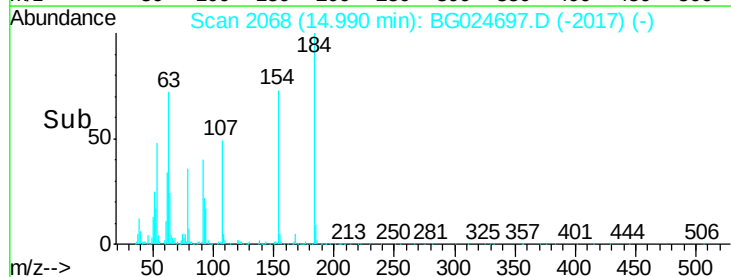
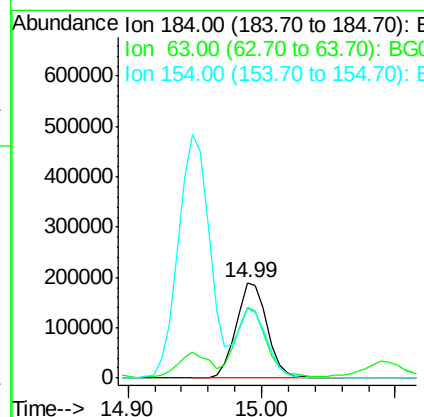
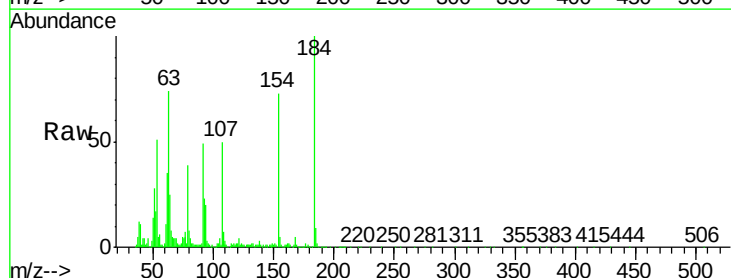
Manual Integrations
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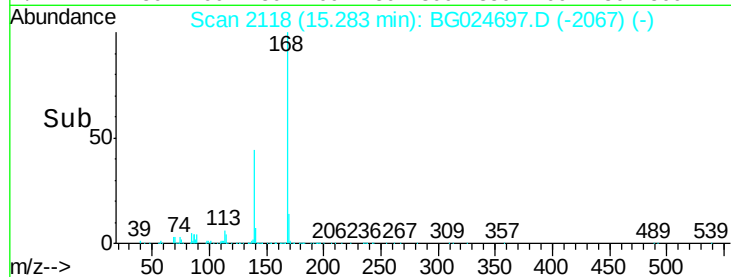
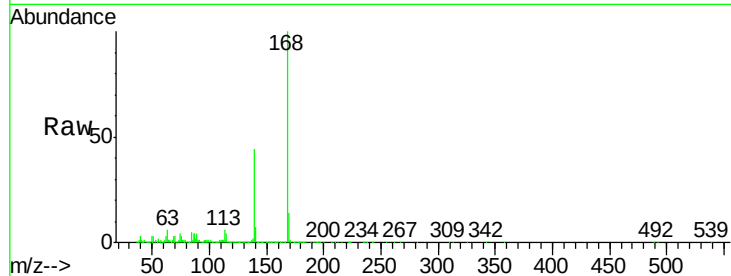
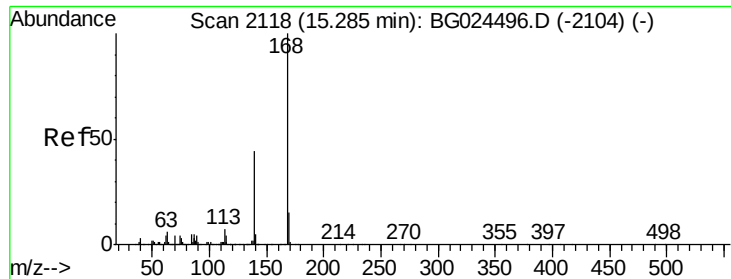
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#53
2,4-Dinitrophenol
Concen: 75.65 ng
RT: 14.99 min Scan# 2068
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.9	52.7	79.1
154	72.9	57.3	85.9





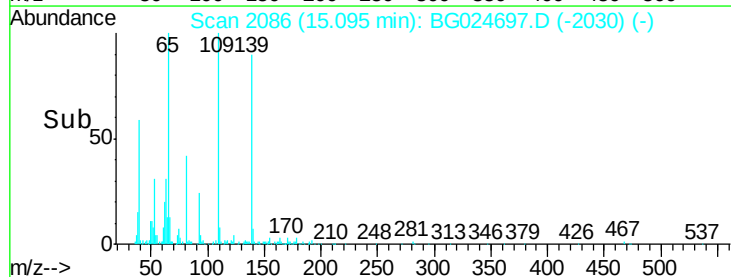
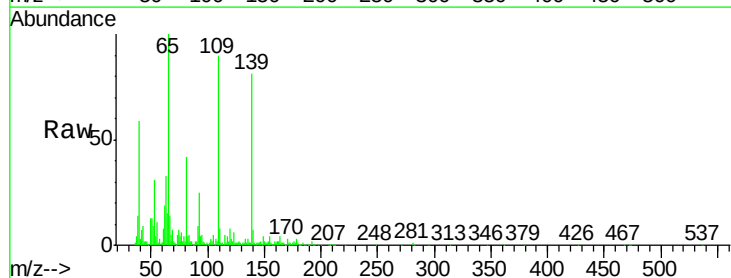
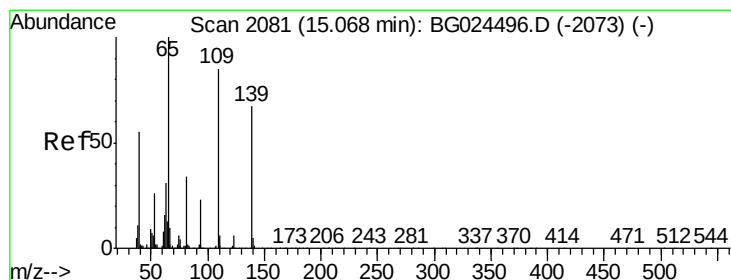
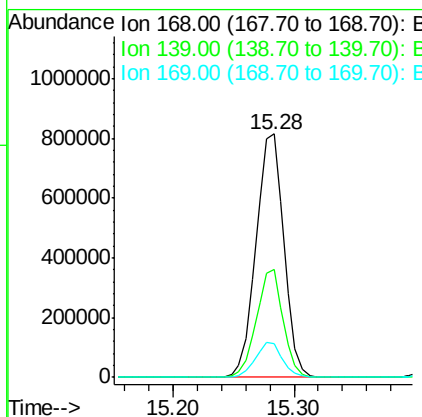
#54
Dibenzofuran
Concen: 42.57 ng
RT: 15.28 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tot Ion:168 Resp: 1310679
Ion Ratio Lower Upper
168 100
139 44.1 35.3 52.9
169 14.1 11.5 17.3

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

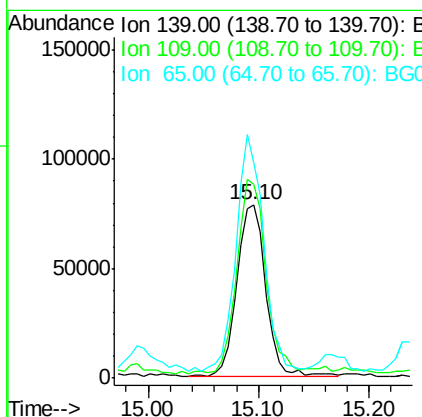
Manual Integrations
APPROVED

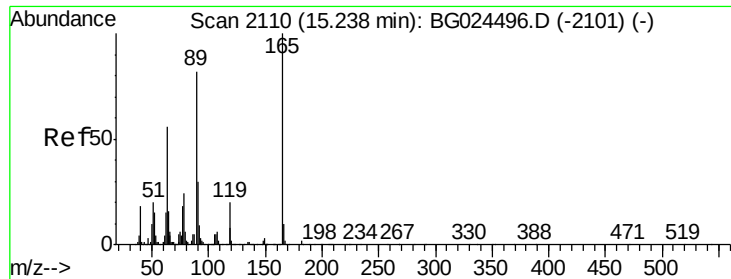
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#55
4-Nitrophenol
Concen: 28.61 ng
RT: 15.10 min Scan# 2086
Delta R.T. 0.03 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion:139 Resp: 144134
Ion Ratio Lower Upper
139 100
109 111.6 101.2 141.2
65 124.2 135.3 175.3#





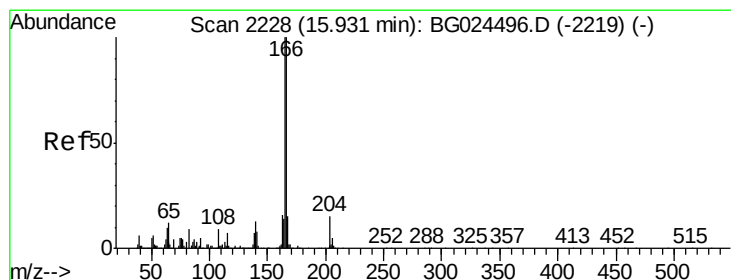
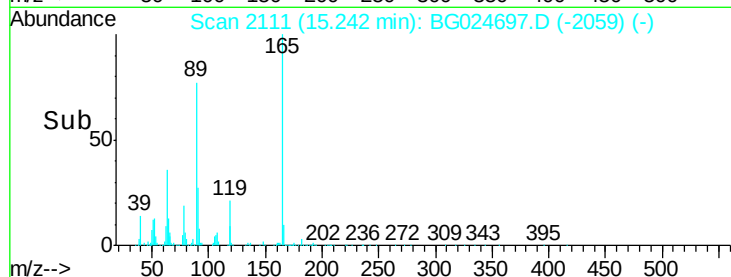
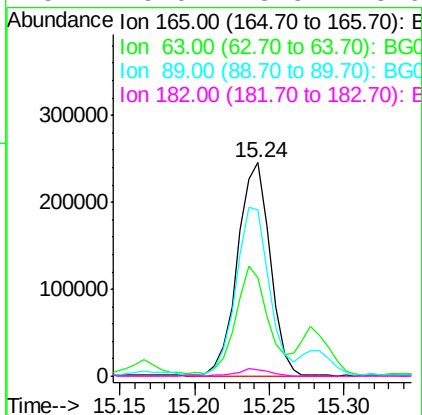
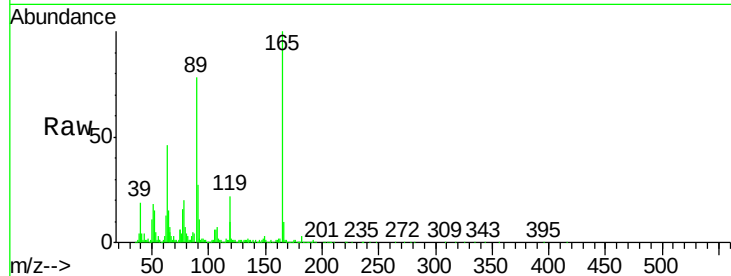
#56
2,4-Dinitrotoluene
Concen: 45.84 ng
RT: 15.24 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.4	44.0	66.0
89	78.1	67.3	100.9
182	3.0	3.8	5.6

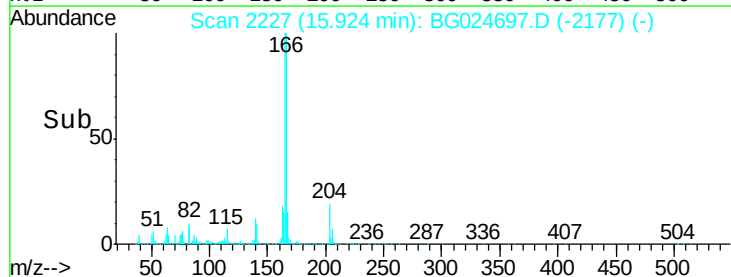
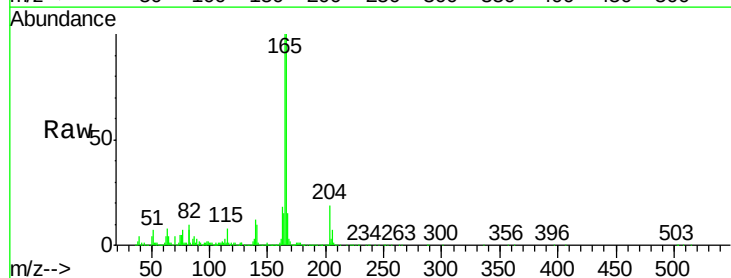
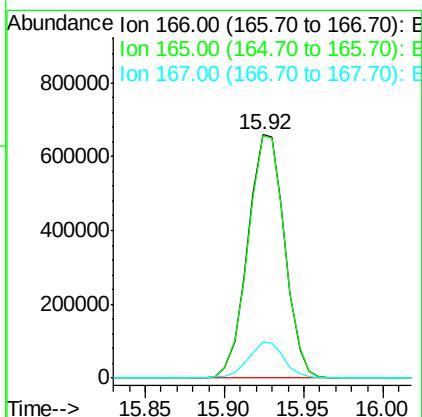
Manual Integrations
APPROVED

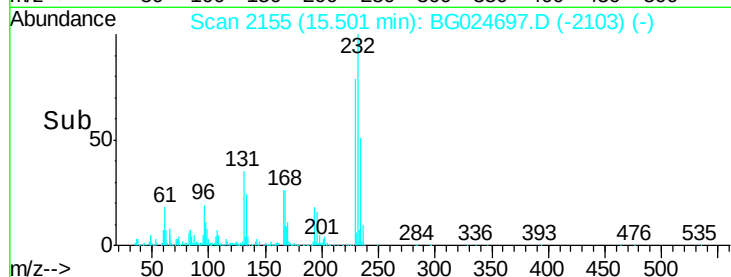
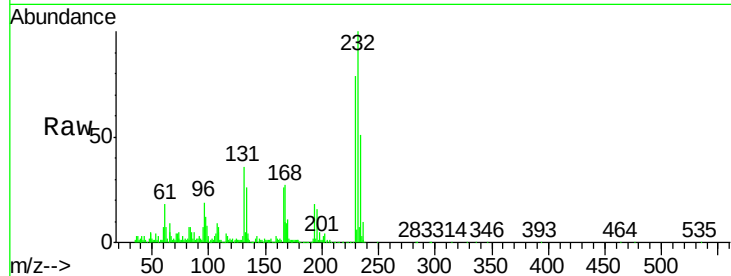
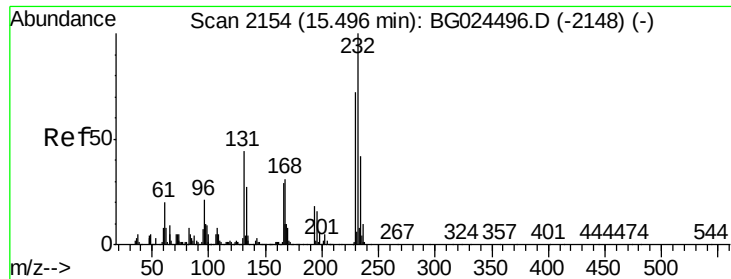
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#57
Fluorene
Concen: 41.59 ng
RT: 15.92 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	14.7	11.6	17.4





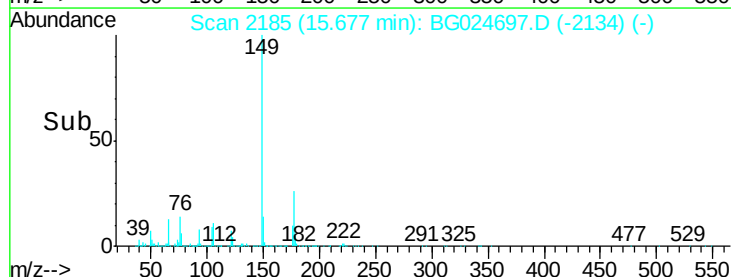
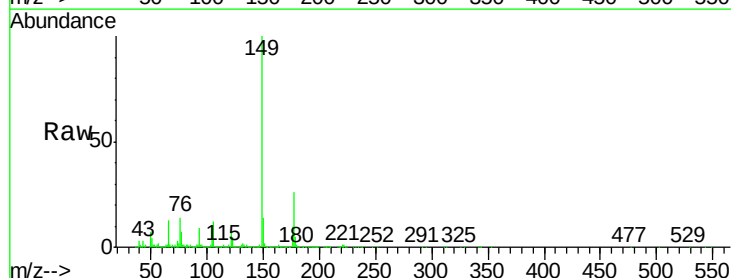
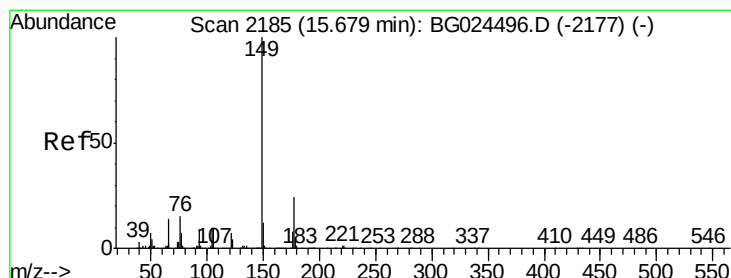
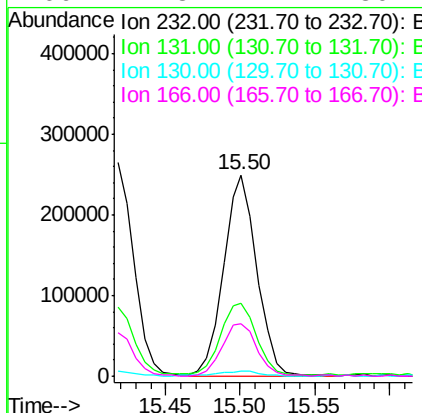
#58
2,3,4,6-Tetrachlorophenol
Concen: 46.06 ng
RT: 15.50 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	385922		
131	38.5		34.9	52.3
130	3.3		2.3	3.5
166	27.8		24.2	36.4

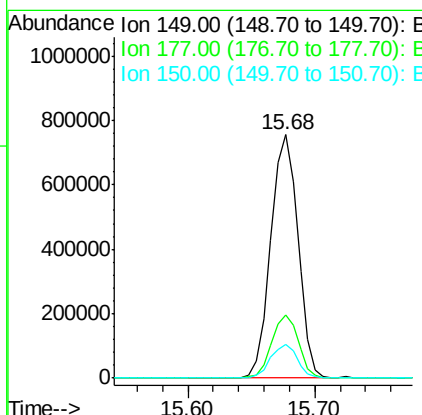
Manual Integrations
APPROVED

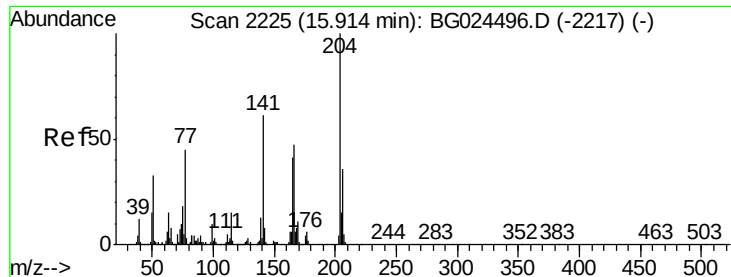
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#59
Diethylphthalate
Concen: 41.02 ng
RT: 15.68 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1125634		
177	26.0		20.1	30.1
150	14.0		10.2	15.2





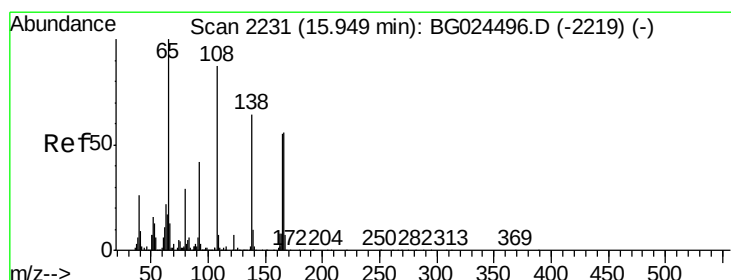
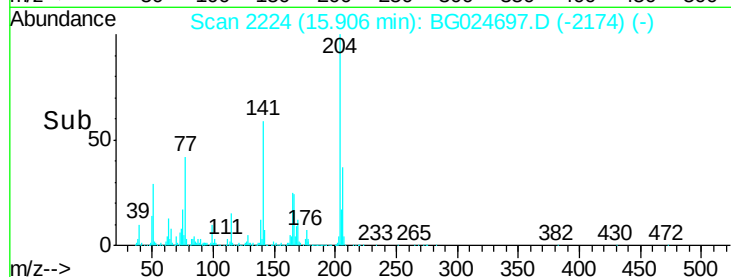
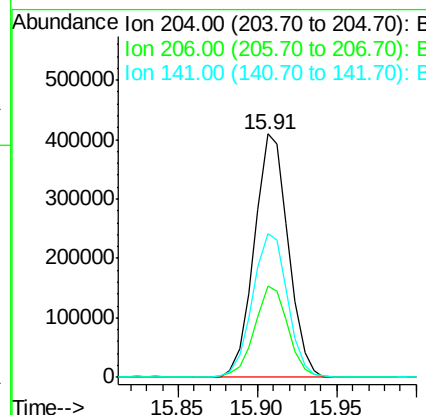
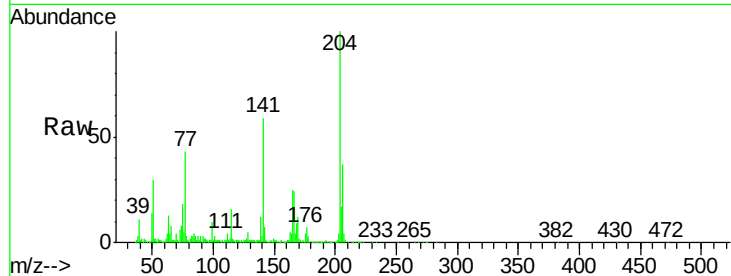
#60
4-Chlorophenyl-phenylether
Concen: 42.52 ng
RT: 15.91 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampled :
S22-0015MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	609165		
206	37.3		30.1	45.1
141	59.1		50.6	76.0

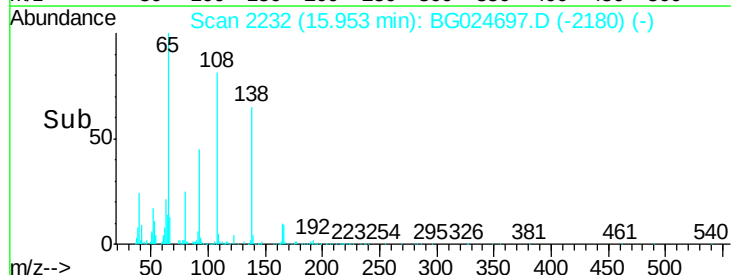
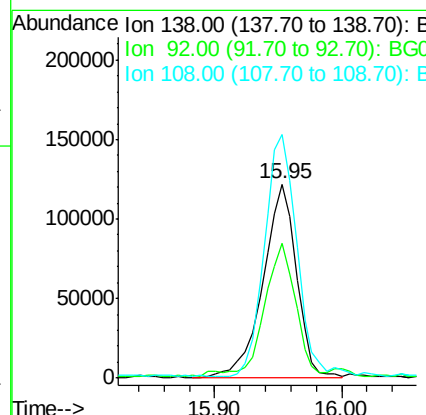
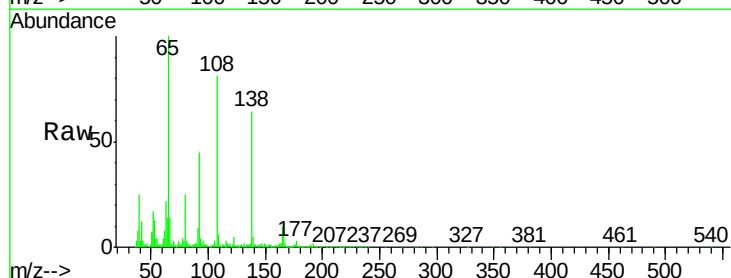
Manual Integrations
APPROVED

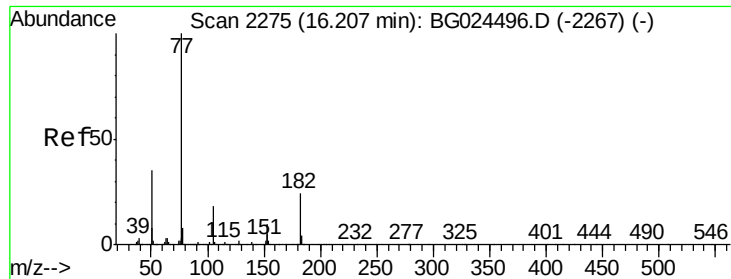
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#61
4-Nitroaniline
Concen: 35.12 ng
RT: 15.95 min Scan# 2232
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	221818		
92	69.7		44.2	84.2
108	125.7		104.8	144.8





#62

Azobenzene

Concen: 42.54 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

ClientSampleId :

S22-0015MSD

Tot Ion: 77 Resp: 1164388

Ion Ratio Lower Upper

77 100

182 26.4 4.7 44.7

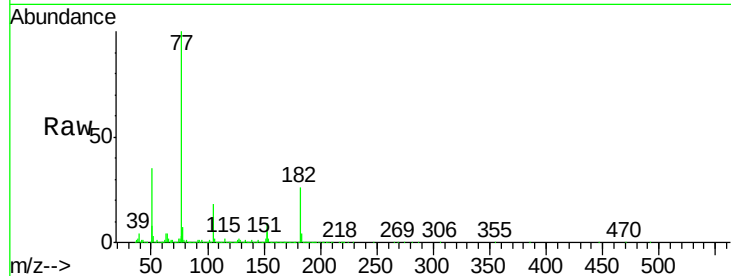
105 18.0 0.0 36.3

51 35.5 16.4 56.4

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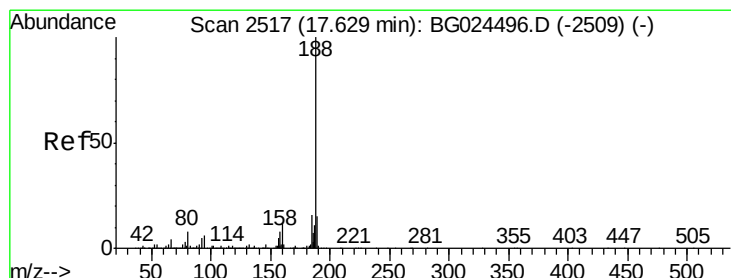
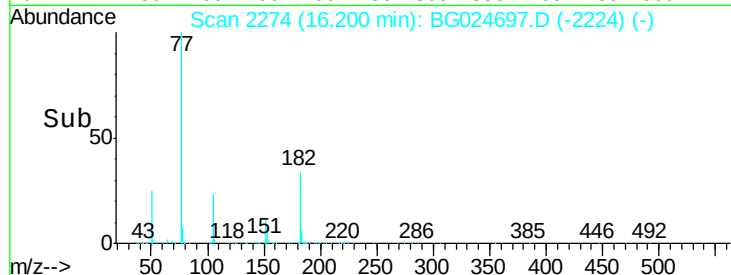
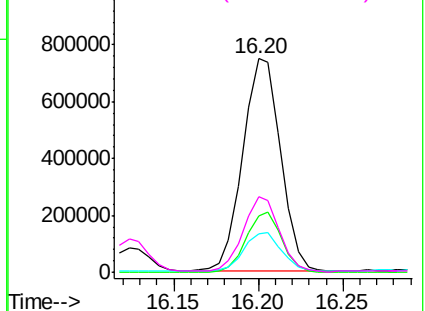
Abundance

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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.63 min Scan# 2517

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion: 188 Resp: 769084

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

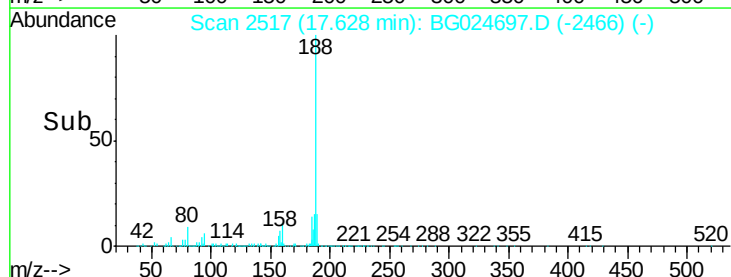
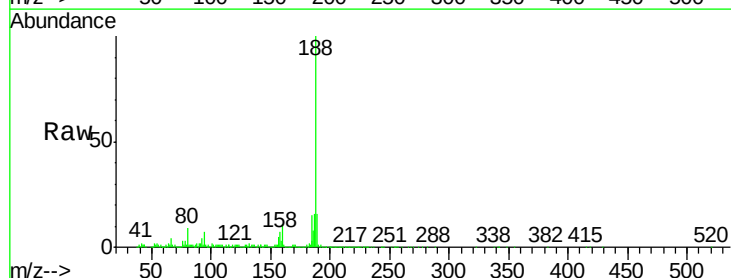
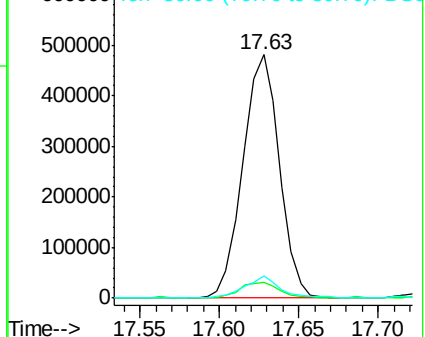
80 9.3 7.5 11.3

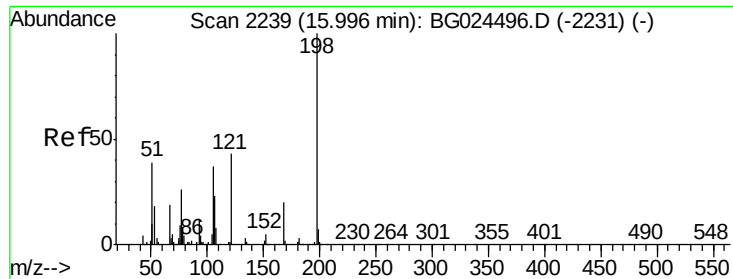
Abundance

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





#64

4,6-Dinitro-2-methylphenol

Concen: 44.25 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

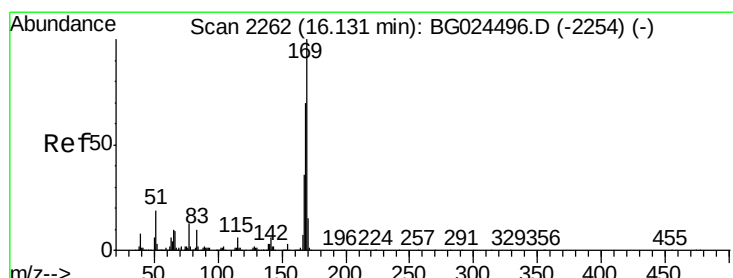
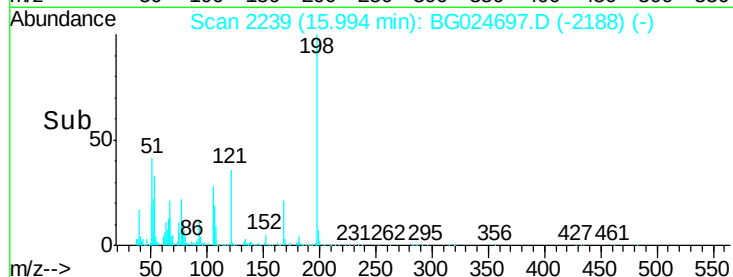
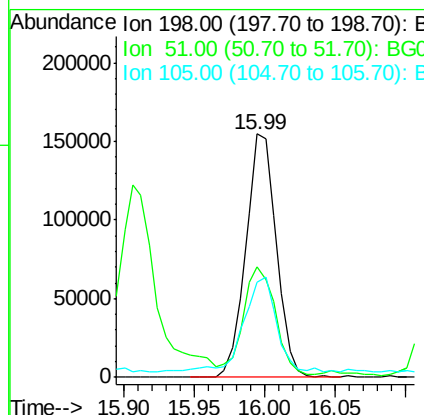
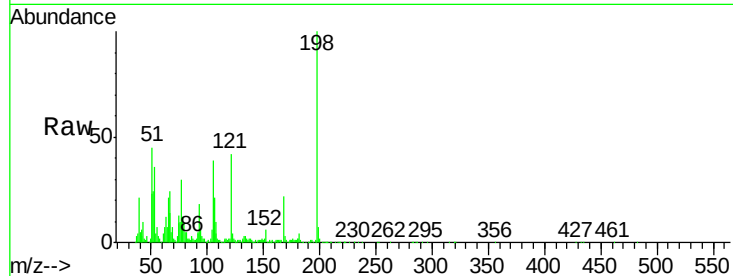
ClientSampleId :

S22-0015MSD

Tot Ion:	198	Resp:	234468
Ion Ratio	Lower	Upper	
198	100		
51	45.2	22.6	62.6
105	39.3	14.4	54.4

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#65

n-Nitrosodiphenylamine

Concen: 47.35 ng

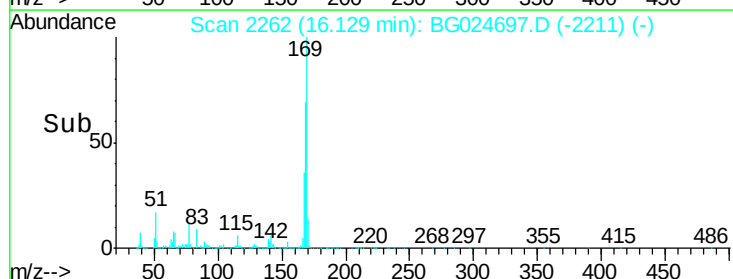
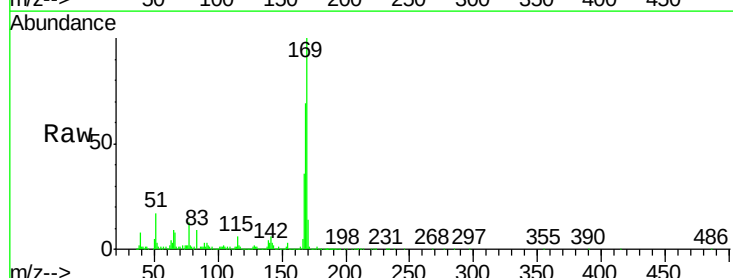
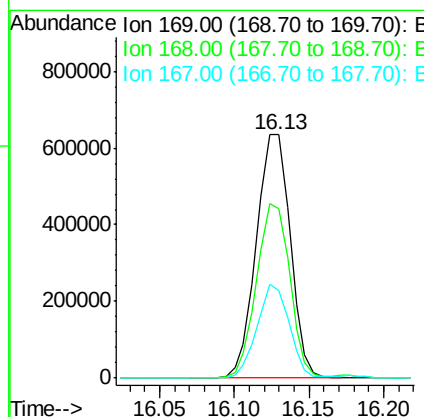
RT: 16.13 min Scan# 2262

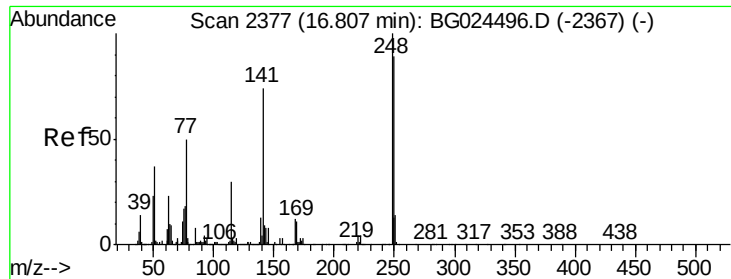
Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	169	Resp:	995573
Ion Ratio	Lower	Upper	
169	100		
168	69.3	55.7	83.5
167	36.0	29.8	44.6





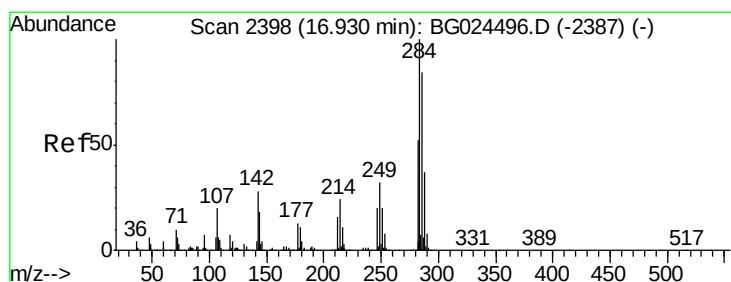
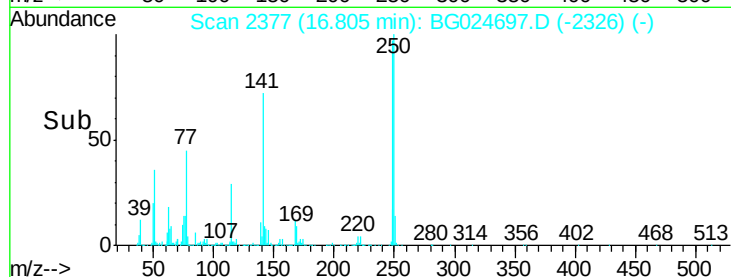
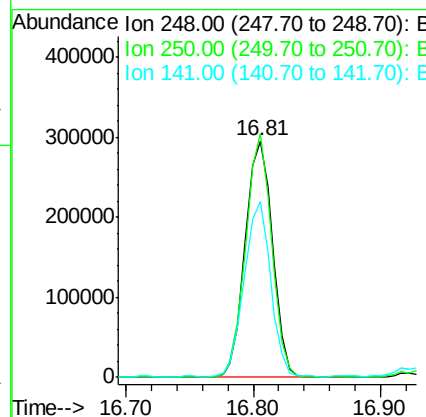
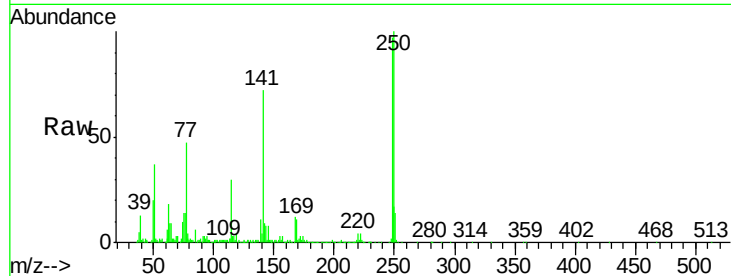
#66
4-Bromophenyl-phenylether
Concen: 47.48 ng
RT: 16.81 min Scan# 2377
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.0	75.0	112.6
141	74.6	55.2	82.8

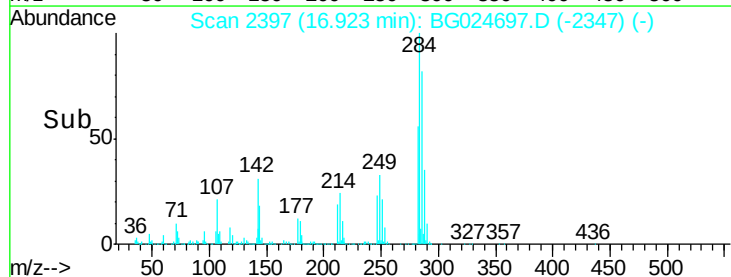
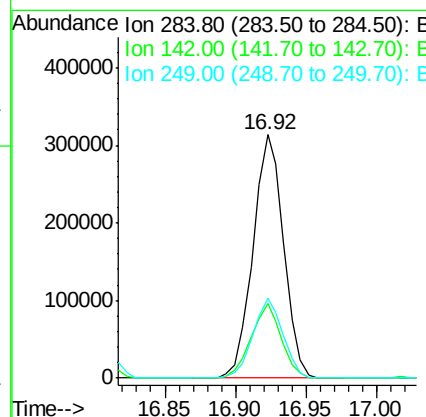
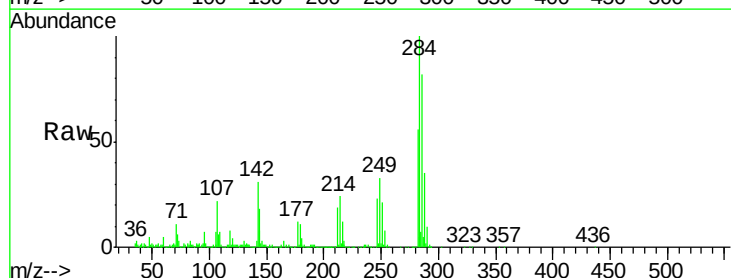
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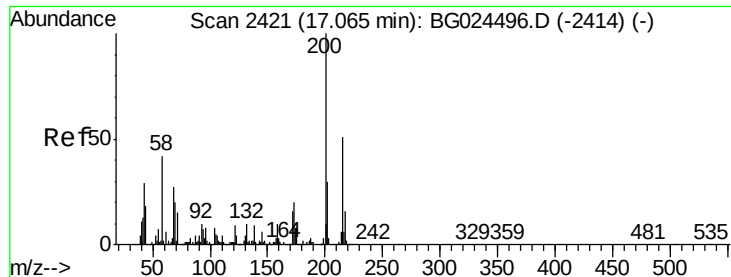
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#67
Hexachlorobenzene
Concen: 46.13 ng
RT: 16.92 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	29.9	44.9
249	33.0	29.2	43.8





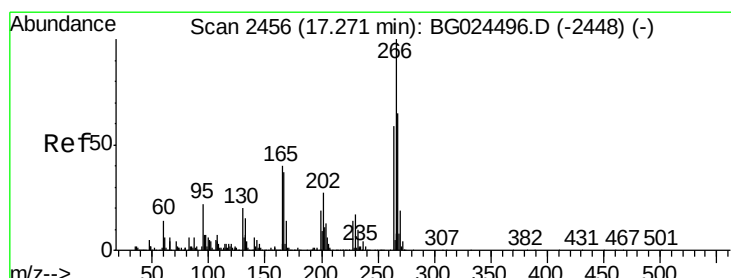
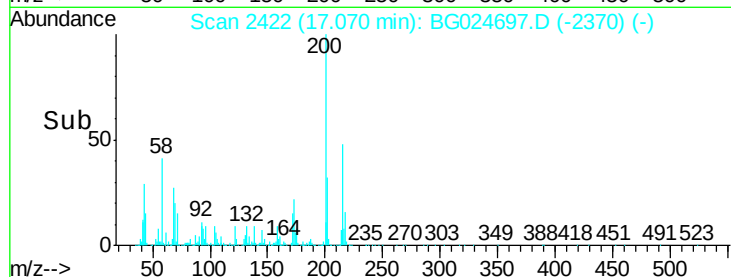
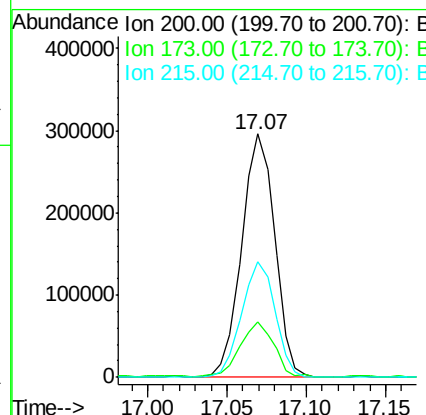
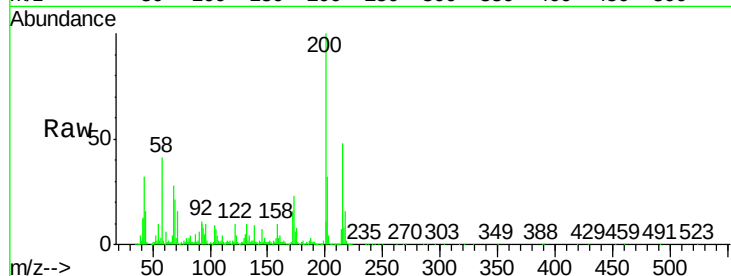
#68
Atrazine
Concen: 47.42 ng
RT: 17.07 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.9	3.0	43.0
215	47.7	28.4	68.4

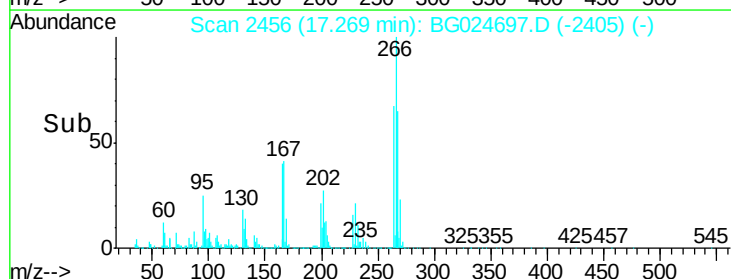
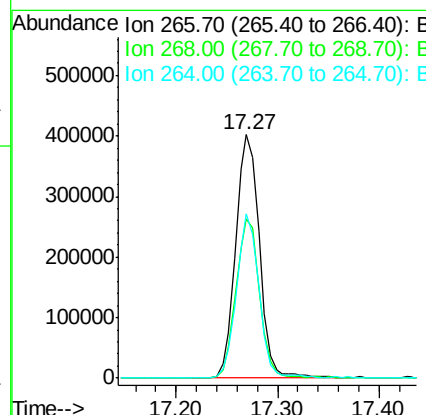
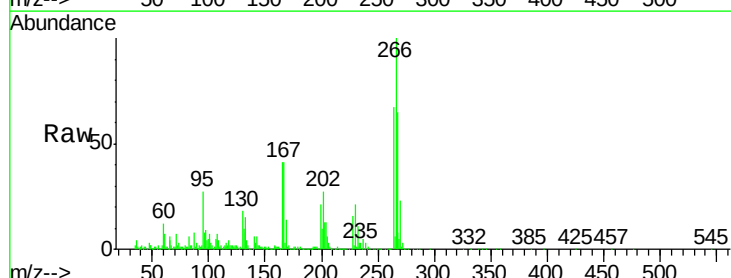
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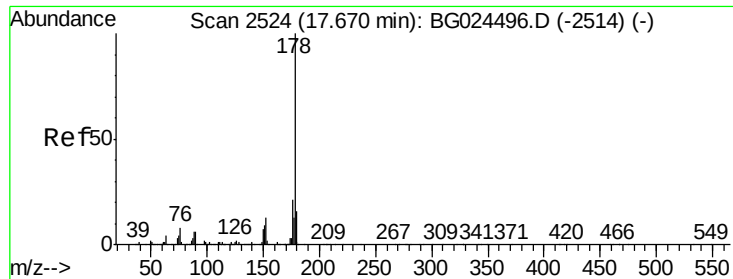
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#69
Pentachlorophenol
Concen: 96.09 ng
RT: 17.27 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	48.6	72.8
264	67.3	50.1	75.1





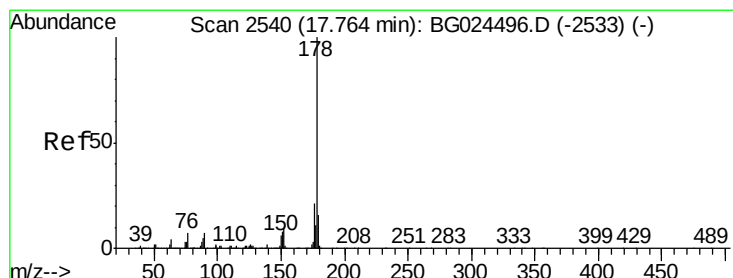
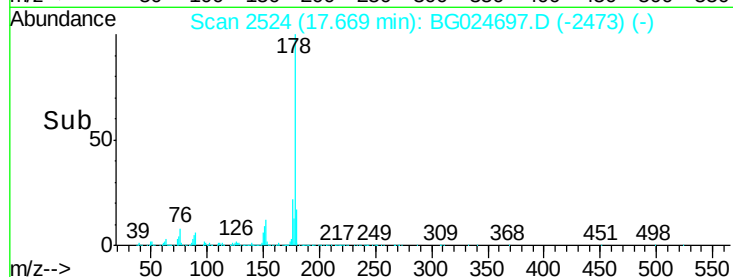
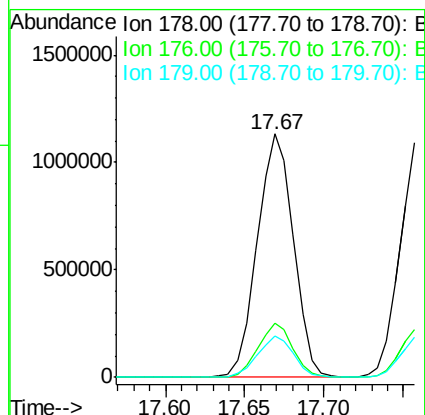
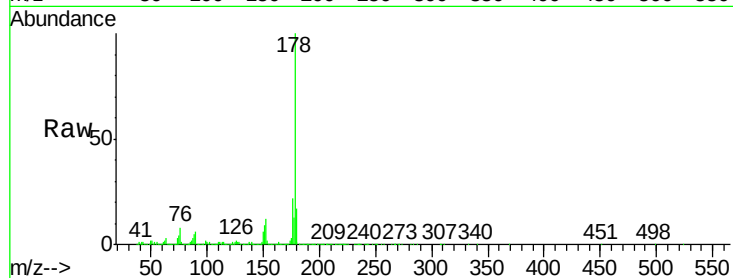
#70
Phenanthrene
Concen: 45.70 ng
RT: 17.67 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampled :
S22-0015MSD

Tot Ion:178 Resp: 1791282
Ion Ratio Lower Upper
178 100
176 22.4 17.7 26.5
179 16.9 15.0 22.6

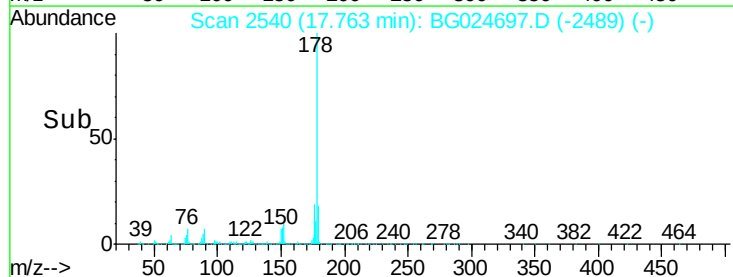
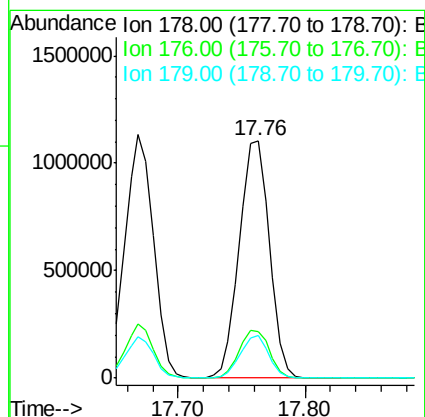
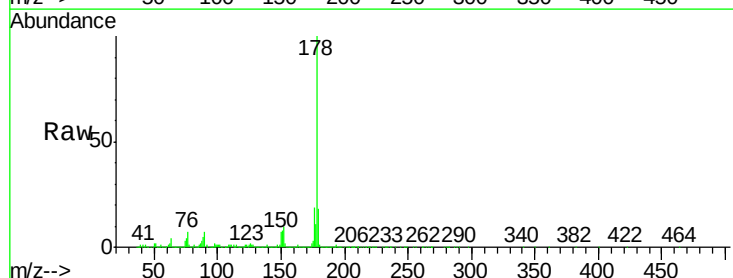
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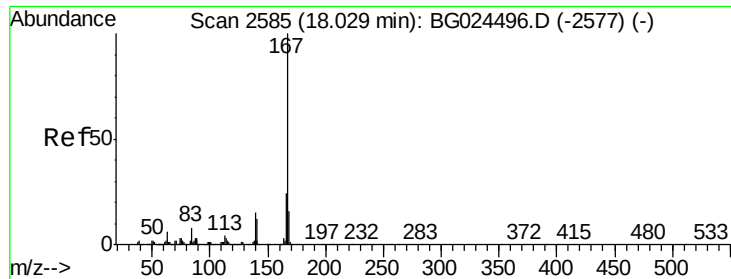
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#71
Anthracene
Concen: 46.11 ng
RT: 17.76 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion:178 Resp: 1823650
Ion Ratio Lower Upper
178 100
176 19.3 16.4 24.6
179 17.8 13.8 20.8





#72

Carbazole

Concen: 43.95 ng

RT: 18.03 min Scan# 2585

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

ClientSampleId :

S22-0015MSD

Tot Ion:167 Resp: 1585370

Ion	Ratio	Lower	Upper
167	100		
166	24.4	20.2	30.2
139	15.0	12.8	19.2

167 100

166 24.4 20.2 30.2

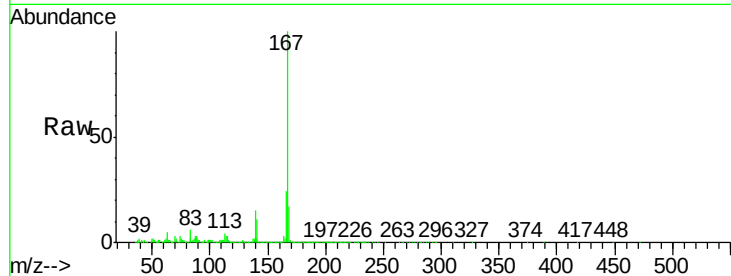
139 15.0 12.8 19.2

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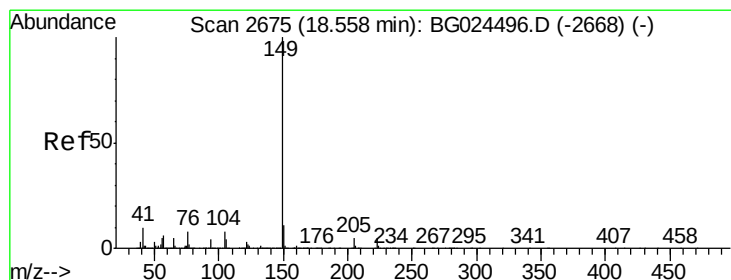
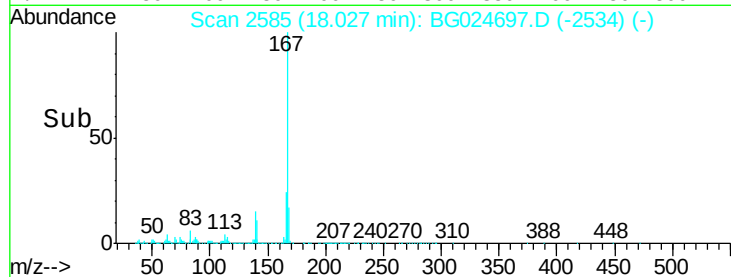
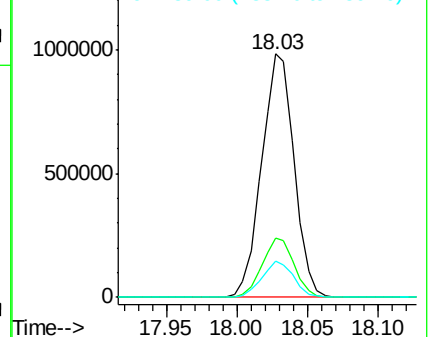
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 44.85 ng

RT: 18.56 min Scan# 2675

Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

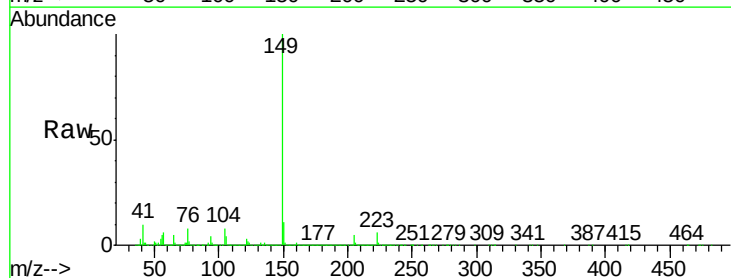
Tgt Ion:149 Resp: 1865308

Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.1	13.7
104	8.2	6.7	10.1

149 100

150 10.9 9.1 13.7

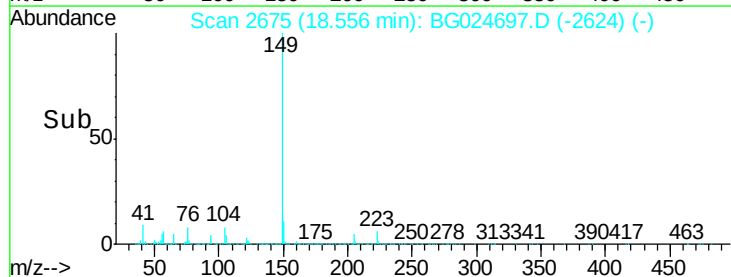
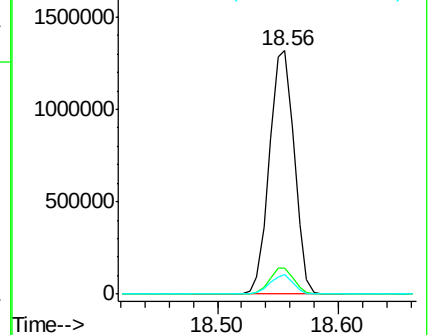
104 8.2 6.7 10.1

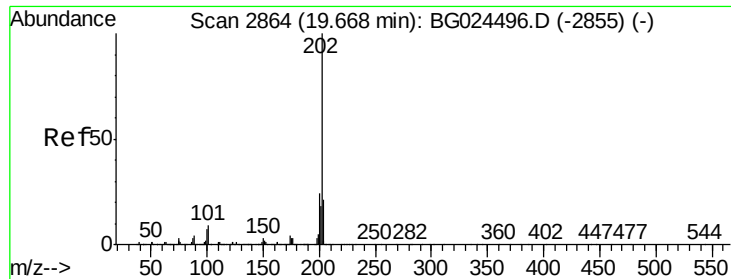


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 43.82 ng

RT: 19.66 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

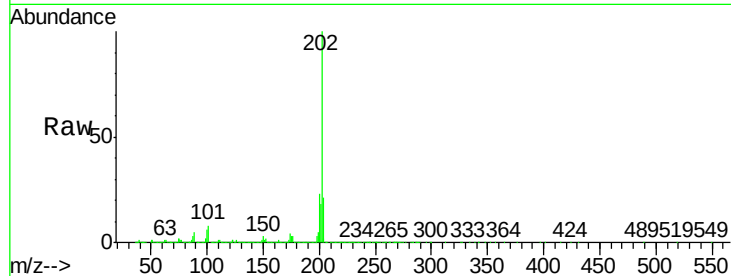
ClientSampleId :

S22-0015MSD

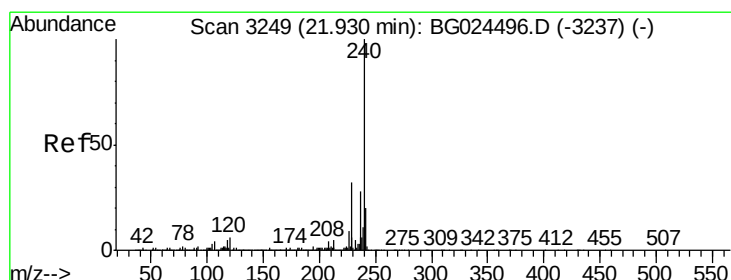
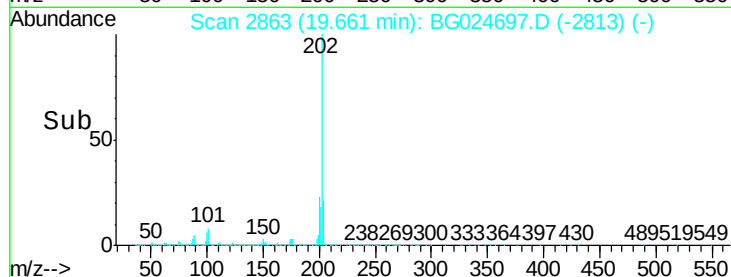
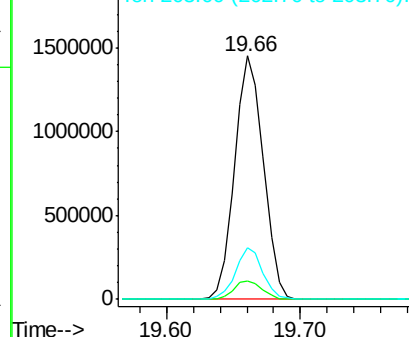
Tot Ion:	202	Resp:	2171546
Ion Ratio	Lower	Upper	
202	100		
101	7.7	0.0	30.1
203	21.3	1.3	41.3

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

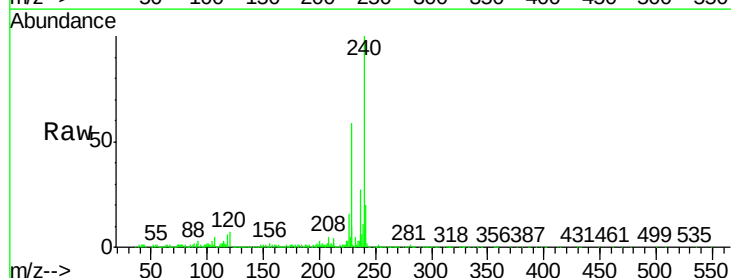
RT: 21.92 min Scan# 3248

Delta R.T. -0.01 min

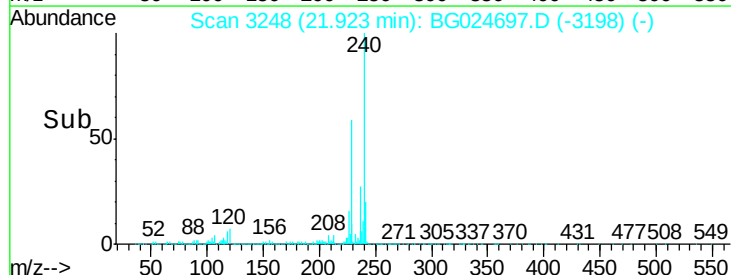
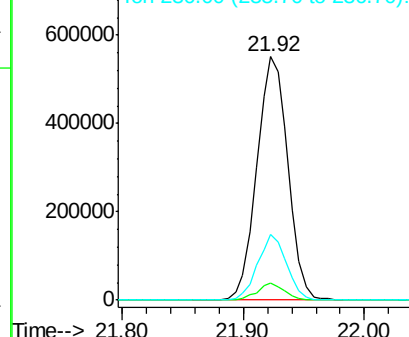
Lab File: BG024697.D

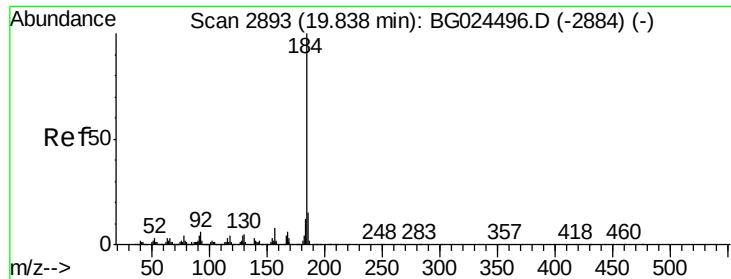
Acq: 5 Nov 2016 5:00

Tgt Ion:	240	Resp:	986350
Ion Ratio	Lower	Upper	
240	100		
120	6.8	5.7	8.5
236	26.9	22.2	33.4



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.47 ng

RT: 19.84 min Scan# 2894

Delta R.T. 0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

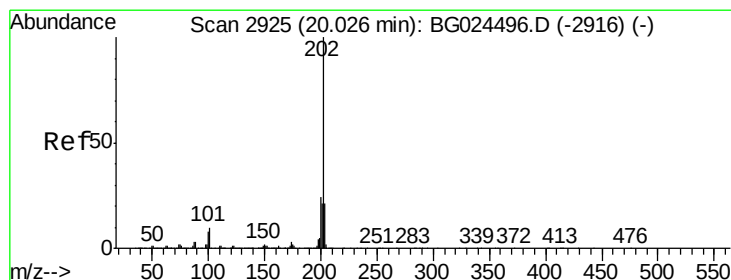
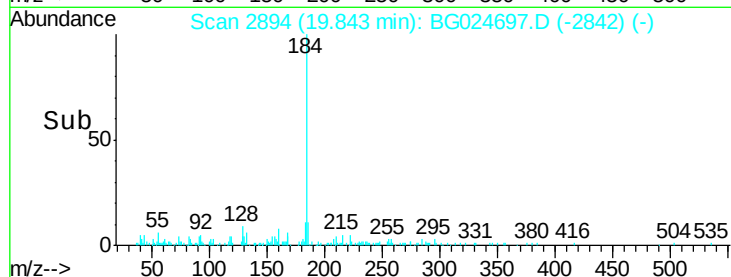
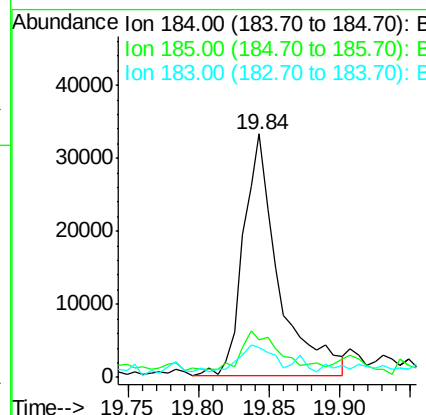
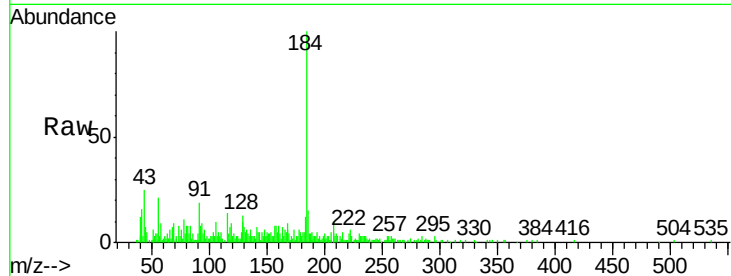
ClientSampleId :

S22-0015MSD

Tot Ion:	184	Resp:	57506
Ion Ratio	Lower	Upper	
184	100		
185	15.2	13.0	19.6
183	12.2	11.0	16.6

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#77

Pyrene

Concen: 45.72 ng

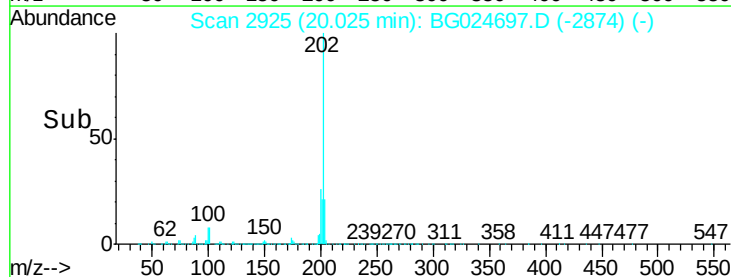
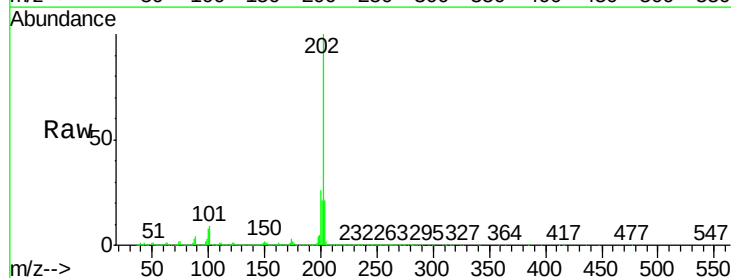
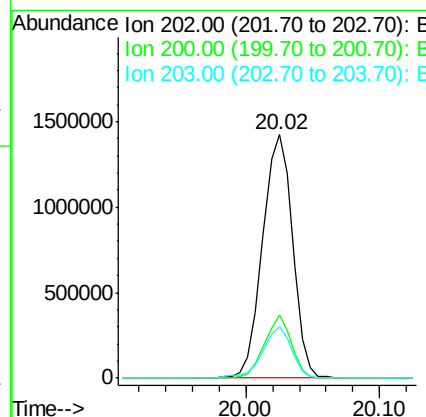
RT: 20.02 min Scan# 2925

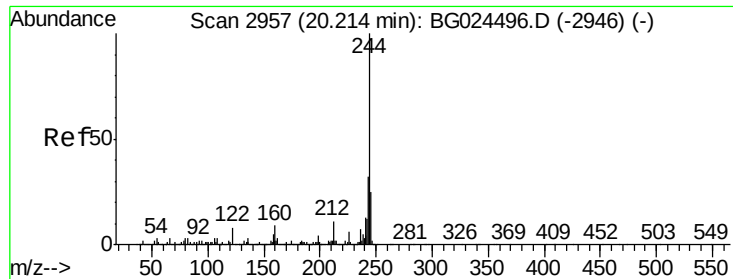
Delta R.T. -0.00 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Tgt Ion:	202	Resp:	2204534
Ion Ratio	Lower	Upper	
202	100		
200	26.0	19.6	29.4
203	21.0	15.8	23.8





#78

Terphenyl-d14

Concen: 86.15 ng

RT: 20.21 min Scan# 2956

Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

ClientSampleId :

S22-0015MSD

Tot Ion:244 Resp: 2843692

Ion Ratio Lower Upper

244 100

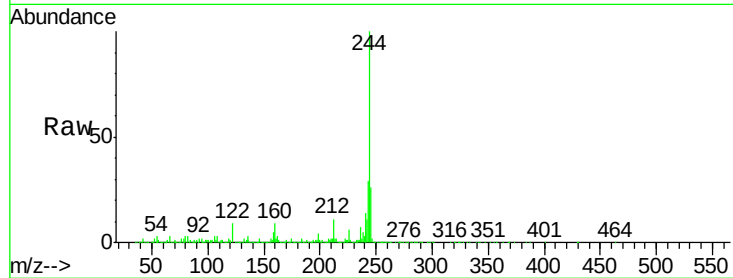
212 10.9 10.0 15.0

122 9.2 8.6 12.8

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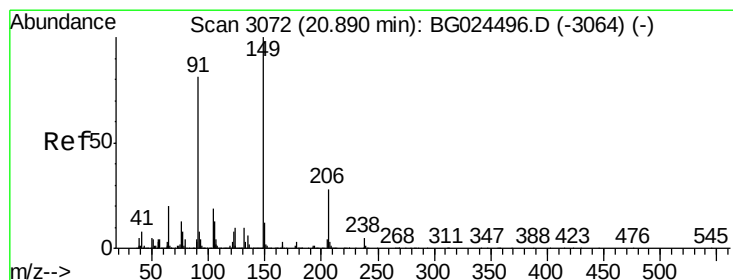
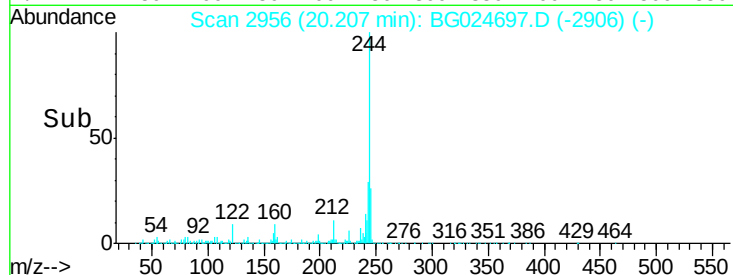
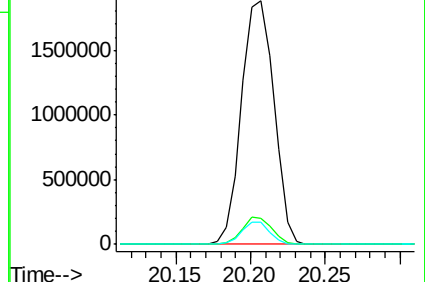
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 46.37 ng

RT: 20.88 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

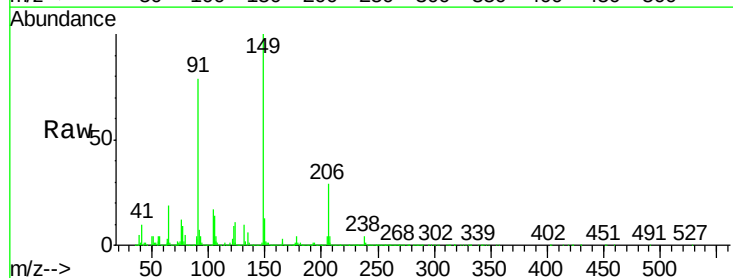
Tgt Ion:149 Resp: 932165

Ion Ratio Lower Upper

149 100

91 79.1 63.5 95.3

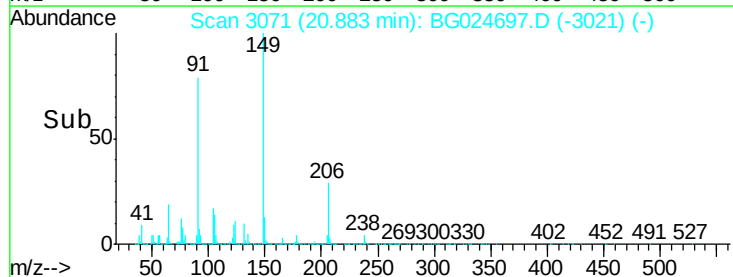
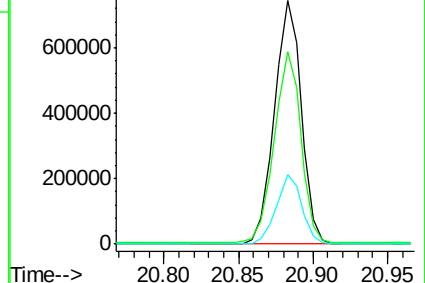
206 28.6 21.0 31.6

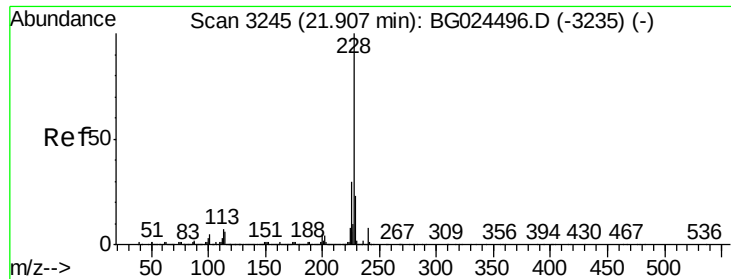


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





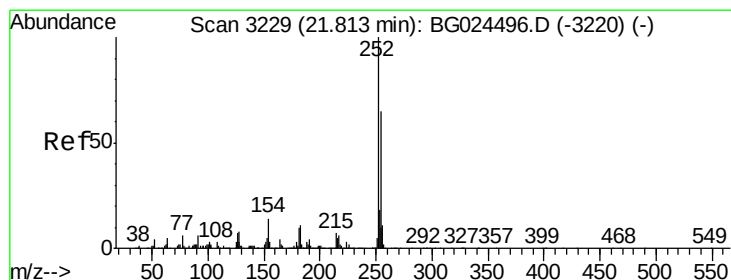
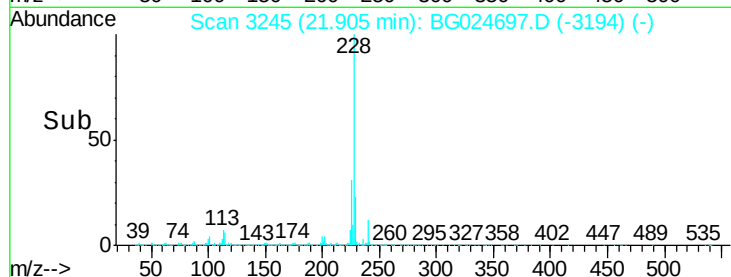
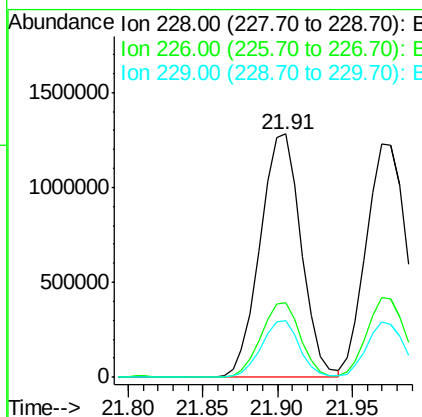
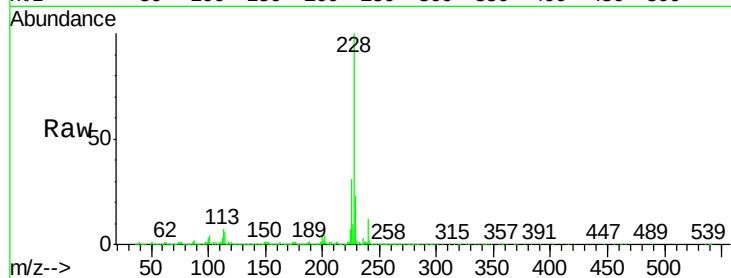
#80
Benzo(a)anthracene
Concen: 45.11 ng
RT: 21.91 min Scan# 3245
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	23.3	18.2	27.2

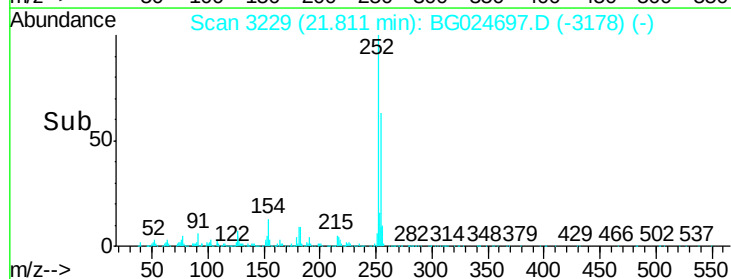
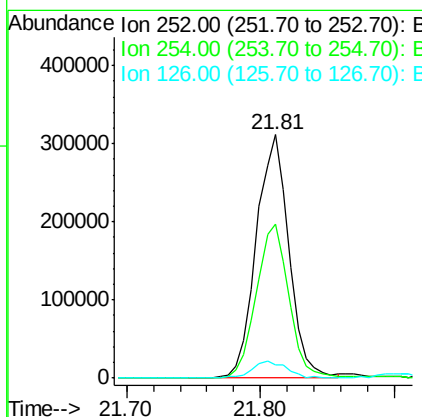
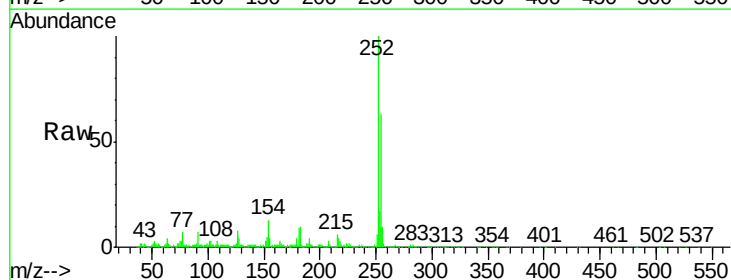
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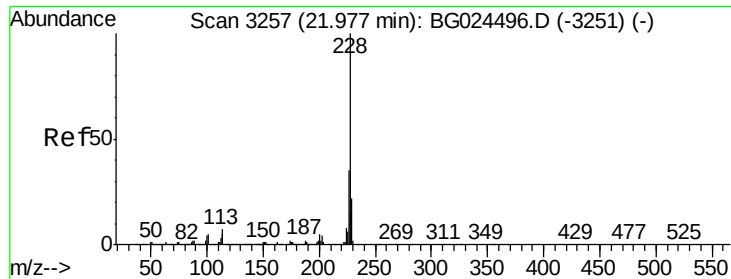
sohil
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#81
3,3'-Dichlorobenzidine
Concen: 23.85 ng
RT: 21.81 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.1	79.7
126	5.6	7.0	10.4





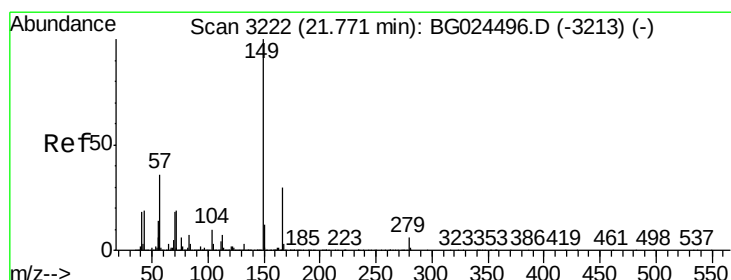
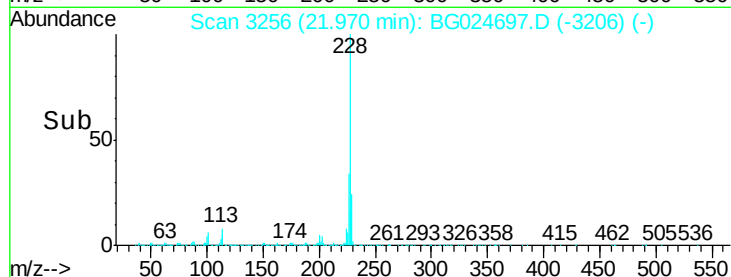
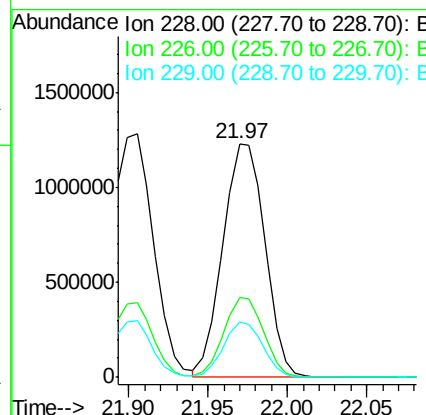
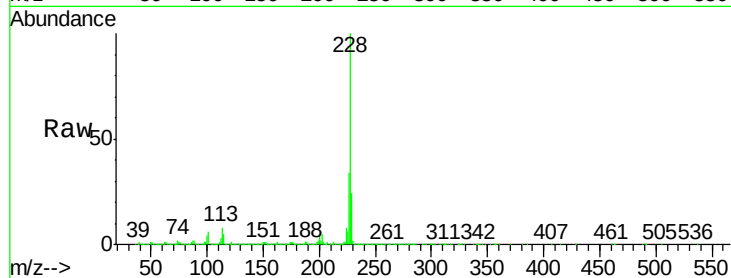
#82
 Chrysene
 Concen: 43.82 ng
 RT: 21.97 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG024697.D
 Acq: 5 Nov 2016 5:00

Instrument :
 BNA_G
 ClientSampleId :
 S22-0015MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	27.0	40.4
229	23.8	17.8	26.6

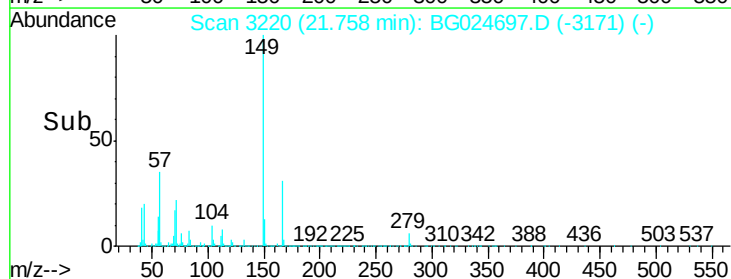
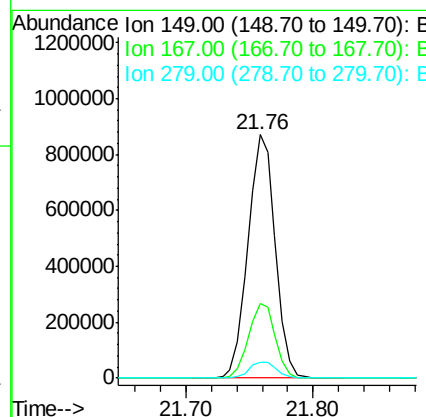
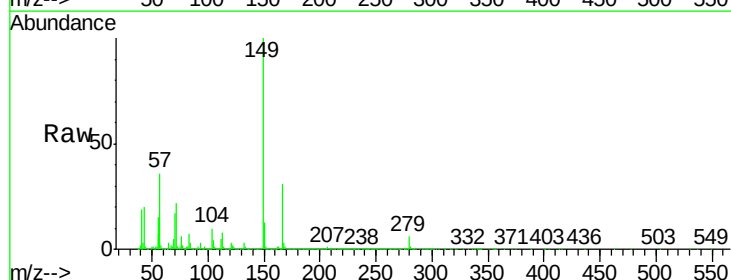
Manual Integrations
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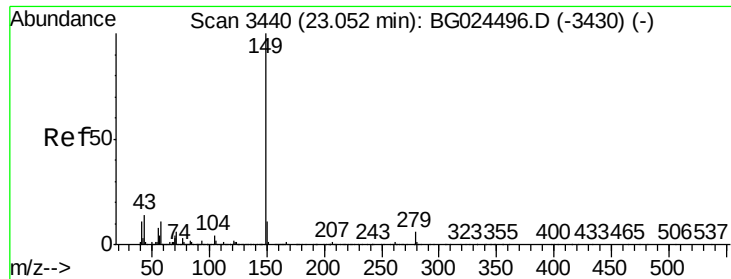
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.89 ng
 RT: 21.76 min Scan# 3220
 Delta R.T. -0.01 min
 Lab File: BG024697.D
 Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.7	35.5
279	6.4	4.6	6.8





#84

Di-n-octyl phthalate

Concen: 46.35 ng

RT: 23.03 min Scan# 3437

Delta R.T. -0.02 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

Instrument :

BNA_G

ClientSampled :

S22-0015MSD

Tot Ion:149 Resp: 2211824

Ion Ratio Lower Upper

149 100

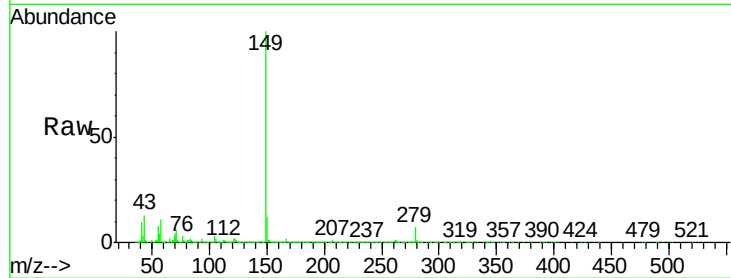
167 2.0 1.4 2.2

43 12.2 11.8 17.6

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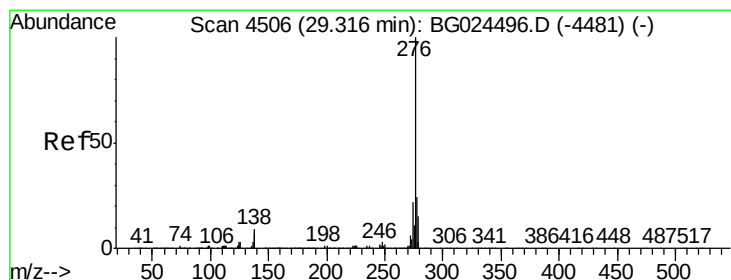
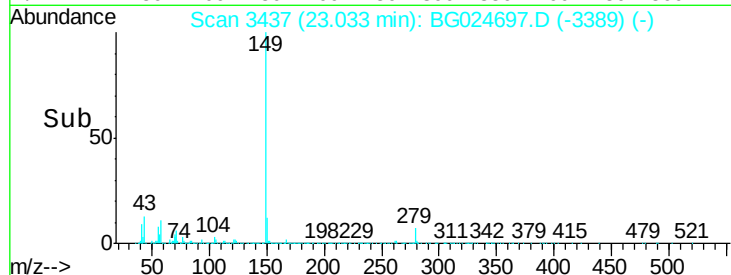
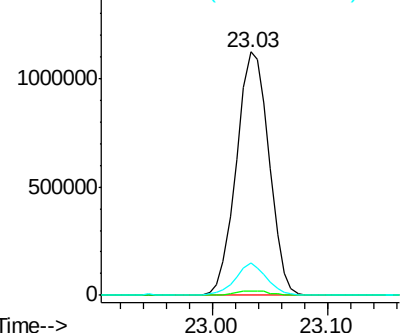
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.25 ng

RT: 29.30 min Scan# 4503

Delta R.T. -0.02 min

Lab File: BG024697.D

Acq: 5 Nov 2016 5:00

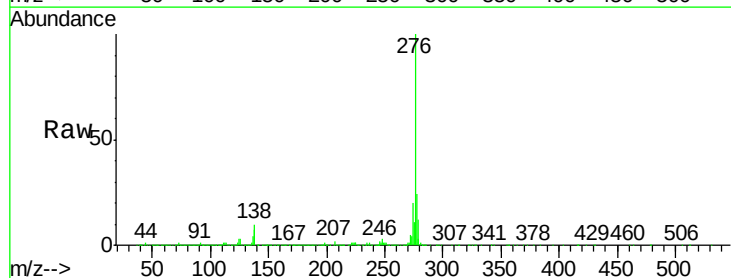
Tgt Ion:276 Resp: 3080815

Ion Ratio Lower Upper

276 100

138 8.7 4.7 7.1#

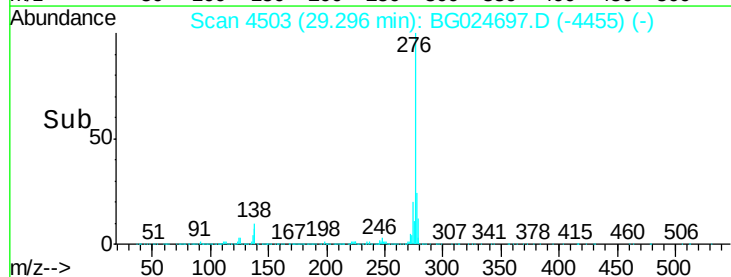
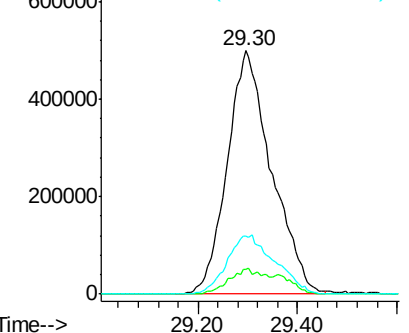
277 26.2 20.6 31.0

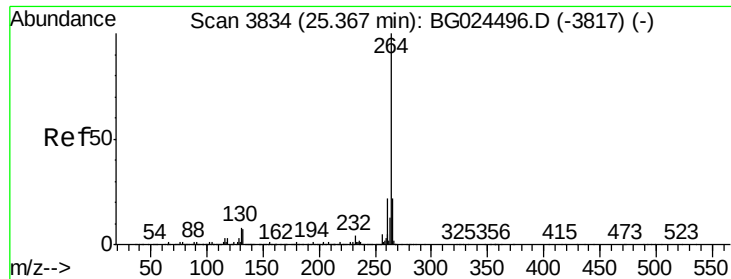


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.35 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

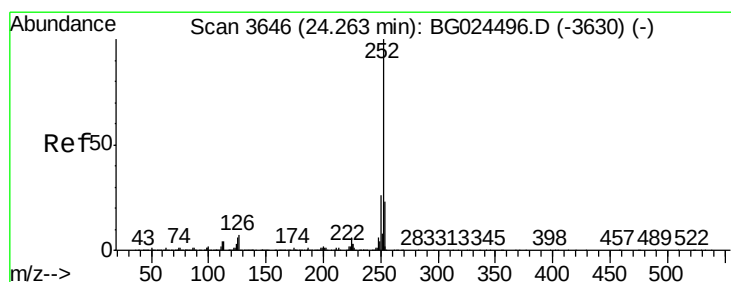
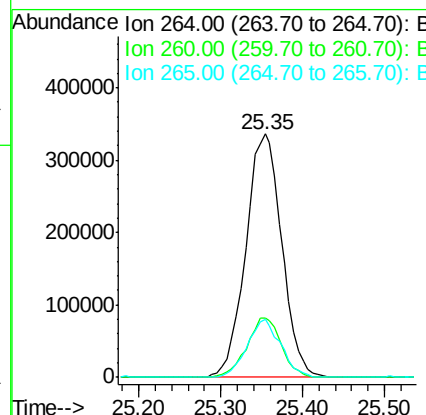
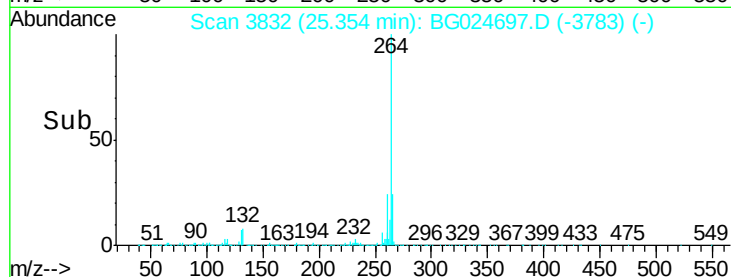
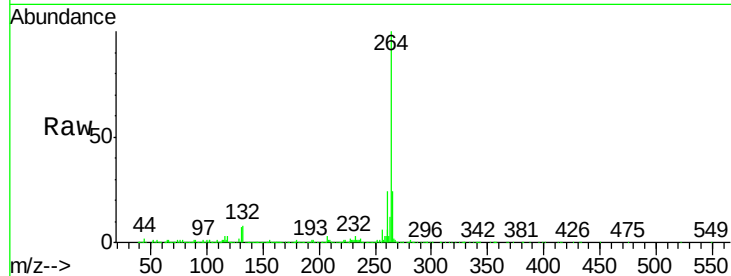
Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion:264 Resp: 1027612

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	23.7	18.2	27.4

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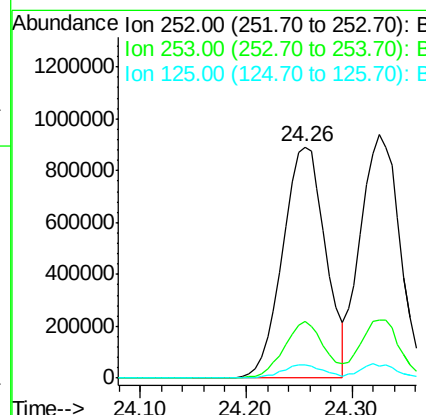
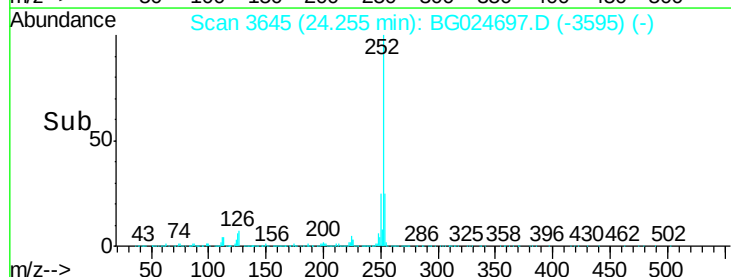
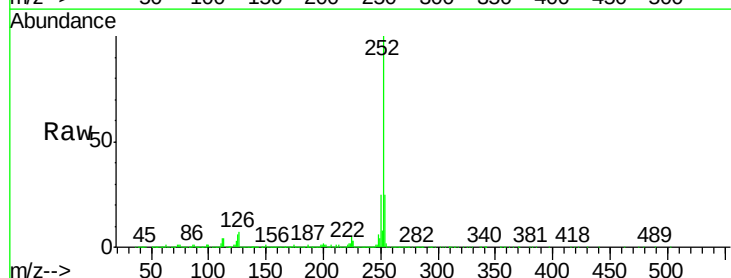
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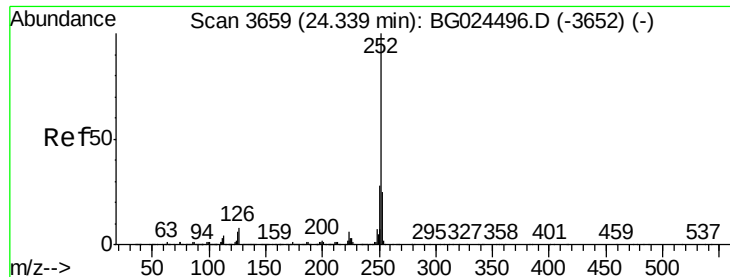


#87
Benzo(b)fluoranthene
Concen: 45.21 ng
RT: 24.26 min Scan# 3645
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion:252 Resp: 2511149

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.7	28.1
125	5.8	5.3	7.9





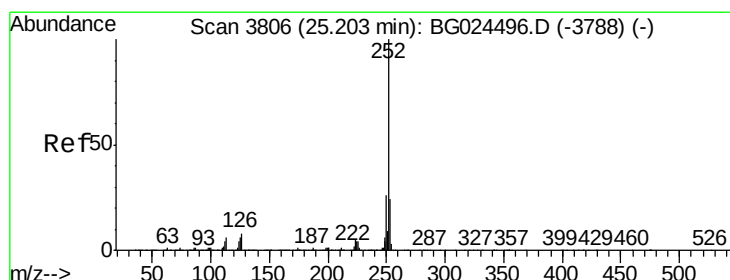
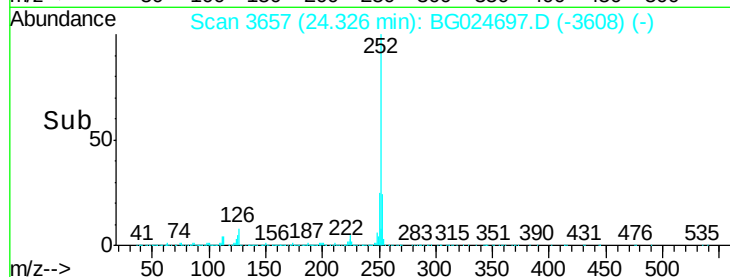
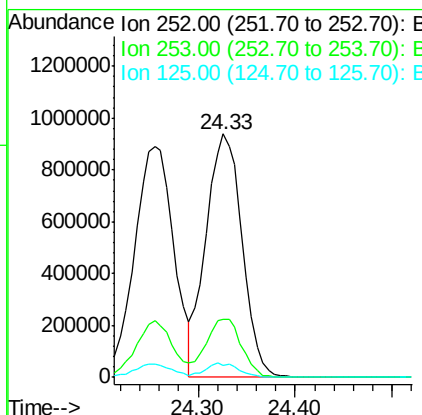
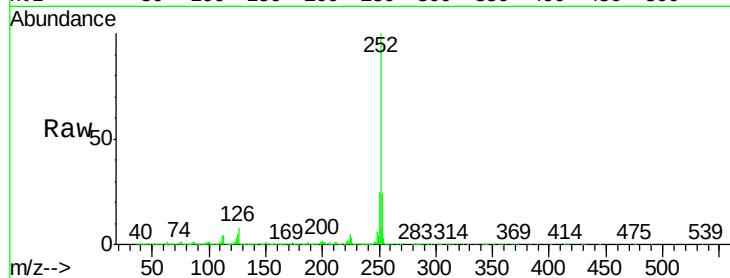
#88
Benzo(k)fluoranthene
Concen: 45.49 ng m
RT: 24.33 min Scan# 3657
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.2	30.2
125	4.9	5.1	7.7

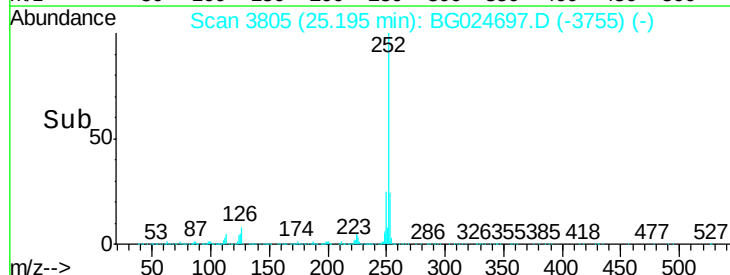
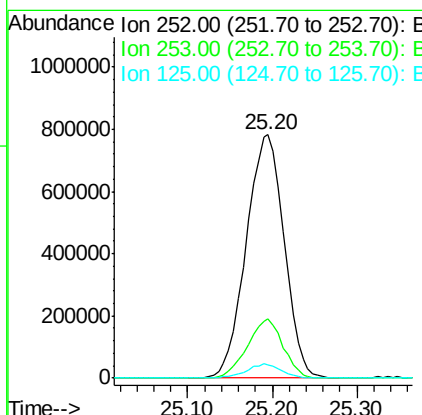
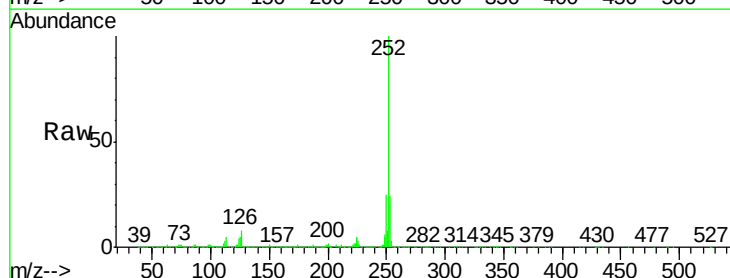
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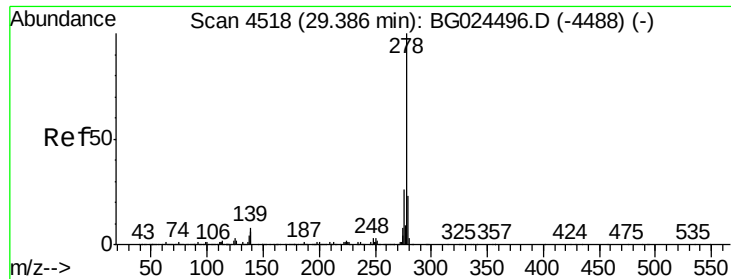
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#89
Benzo(a)pyrene
Concen: 44.90 ng
RT: 25.20 min Scan# 3805
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.2	28.8
125	5.5	5.4	8.0





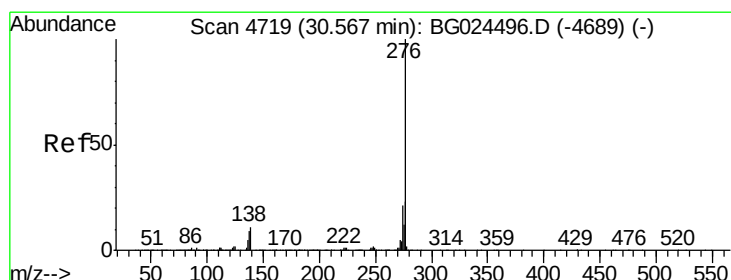
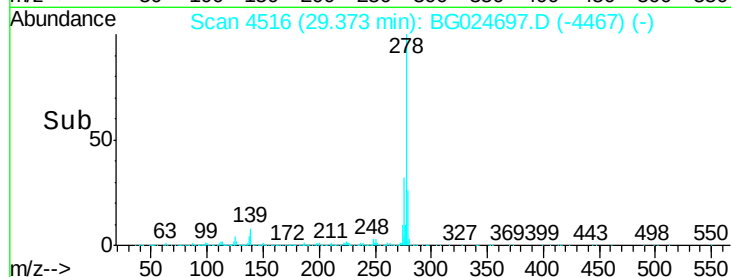
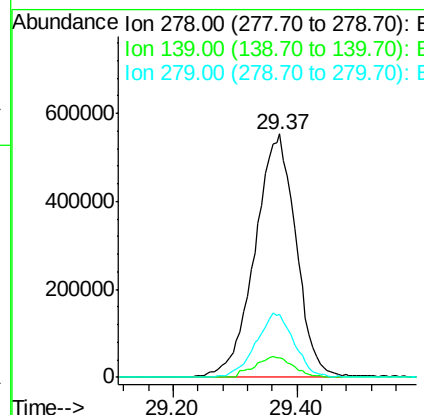
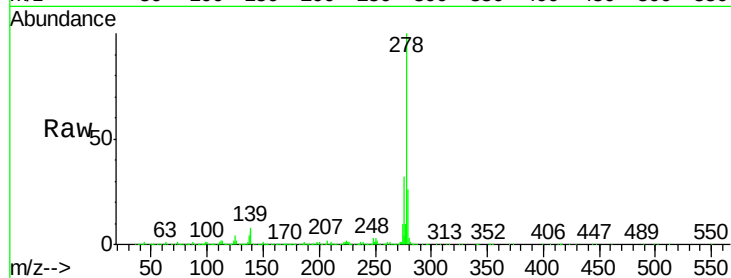
#90
Dibenzo(a,h)anthracene
Concen: 42.31 ng
RT: 29.37 min Scan# 4516
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Instrument :
BNA_G
ClientSampleId :
S22-0015MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.2	7.7	11.5
279	25.8	19.1	28.7

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#91
Benzo(g,h,i)perylene
Concen: 42.97 ng
RT: 30.55 min Scan# 4717
Delta R.T. -0.01 min
Lab File: BG024697.D
Acq: 5 Nov 2016 5:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.6	27.8
138	9.8	8.1	12.1

