

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
 Data File : BG022576.D
 Acq On : 25 Jun 2016 16:06
 Operator : UM/SJ
 Sample : PB91578BSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Manual Integrations

sohil
 6/27/2016 4:01:40 PM

Quant Time: Jun 27 15:08:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	139844	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	581311	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	424318	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	1105212	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1224112	20.00	ng	0.00
86) Perylene-d12	25.21	264	1234509	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	668196	76.64	ng	0.00
7) Phenol-d6	7.31	99	1006972	81.94	ng	0.00
23) Nitrobenzene-d5	9.34	82	1026355	74.73	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	544455	81.58	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1955499	73.09	ng	0.00
78) Terphenyl-d14	20.16	244	3064642	66.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	99250	28.09	ng	95
3) Pyridine	3.99	79	324611	32.84	ng	91
4) n-Nitrosodimethylamine	3.90	42	181202	32.05	ng	84
6) Aniline	7.49	93	482978	29.64	ng	97
8) 2-Chlorophenol	7.73	128	360580	39.93	ng	98
9) Benzaldehyde	7.34	77	15048m	3.48	ng	
10) Phenol	7.33	94	545148	41.97	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	366279	34.26	ng	91
12) 1,3-Dichlorobenzene	8.05	146	378350	34.43	ng	98
13) 1,4-Dichlorobenzene	8.20	146	370993	33.67	ng	94
14) 1,2-Dichlorobenzene	8.52	146	368483	35.17	ng	93
15) Benzyl Alcohol	8.40	79	479082	42.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.70	45	427401	36.14	ng	99
17) 2-Methylphenol	8.60	107	350859	40.98	ng	95
18) Hexachloroethane	9.26	117	156025	34.21	ng	93
19) n-Nitroso-di-n-propylamine	8.97	70	379879	37.12	ng	99
20) 3+4-Methylphenols	8.93	107	486010	41.21	ng	94
22) Acetophenone	8.99	105	631290	37.56	ng	# 92
24) Nitrobenzene	9.38	77	553748	36.48	ng	95
25) Isophorone	9.90	82	986961	37.02	ng	98
26) 2-Nitrophenol	10.09	139	220016	40.24	ng	95
27) 2,4-Dimethylphenol	10.14	122	393535	37.67	ng	96
28) bis(2-Chloroethoxy)methane	10.38	93	549342	37.74	ng	# 95
29) 2,4-Dichlorophenol	10.62	162	433500	42.59	ng	98
30) 1,2,4-Trichlorobenzene	10.85	180	438432	36.28	ng	95
31) Naphthalene	11.04	128	1071934	36.68	ng	98
32) Benzoic acid	10.26	122	292944	43.44	ng	91
33) 4-Chloroaniline	11.15	127	116879	9.29	ng	# 93
34) Hexachlorobutadiene	11.32	225	329957	35.13	ng	96
35) Caprolactam	11.93	113	156341m	48.76	ng	
36) 4-Chloro-3-methylphenol	12.25	107	532155	42.59	ng	95
37) 2-Methylnaphthalene	12.63	142	849250	37.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.00	216	571135	35.65	ng	99
40) Hexachlorocyclopentadiene	12.98	237	830588	64.95	ng	98

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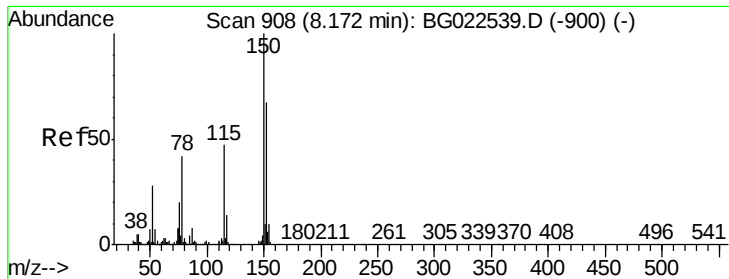
Manual Integrations

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 6/27/2016 4:01:40 PM

Quant Time: Jun 27 15:08:54 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	398159	38.76	ng	92
43) 2,4,5-Trichlorophenol	13.30	196	442947	41.21	ng	96
45) 1,1'-Biphenyl	13.63	154	1184892	36.66	ng	95
46) 2-Chloronaphthalene	13.68	162	968964	36.43	ng	96
47) 2-Nitroaniline	13.88	65	417429	40.66	ng	93
48) Acenaphthylene	14.53	152	1465282	37.98	ng	99
49) Dimethylphthalate	14.25	163	1342578	38.14	ng	# 95
50) 2,6-Dinitrotoluene	14.37	165	309004	40.40	ng	90
51) Acenaphthene	14.87	154	1001987	35.26	ng	97
52) 3-Nitroaniline	14.70	138	189503	26.48	ng	95
53) 2,4-Dinitrophenol	14.90	184	425830	90.39	ng	96
54) Dibenzofuran	15.20	168	1562485	37.96	ng	99
55) 4-Nitrophenol	15.00	139	532489	87.99	ng	95
56) 2,4-Dinitrotoluene	15.15	165	466513	44.03	ng	# 96
57) Fluorene	15.85	166	1250695	38.08	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.42	232	451580	40.52	ng	# 98
59) Diethylphthalate	15.61	149	1409398	38.95	ng	97
60) 4-Chlorophenyl-phenylether	15.84	204	740031	37.84	ng	99
61) 4-Nitroaniline	15.87	138	306366	41.49	ng	90
62) Azobenzene	16.13	77	1448214	36.95	ng	95
64) 4,6-Dinitro-2-methylphenol	15.92	198	304223	41.04	ng	97
65) n-Nitrosodiphenylamine	16.05	169	1211034	37.65	ng	97
66) 4-Bromophenyl-phenylether	16.74	248	514462	35.88	ng	95
67) Hexachlorobenzene	16.85	284	564709	37.25	ng	94
68) Atrazine	17.01	200	454532	33.47	ng	97
69) Pentachlorophenol	17.20	266	816896	78.30	ng	98
70) Phenanthrene	17.60	178	2093987	37.15	ng	96
71) Anthracene	17.69	178	2110733	36.39	ng	97
72) Carbazole	17.96	167	1930537	39.26	ng	98
73) Di-n-butylphthalate	18.52	149	2248607	39.27	ng	97
74) Fluoranthene	19.61	202	2511310	38.68	ng	97
76) Benzidine	19.78	184	1299668	99.72	ng	99
77) Pyrene	19.97	202	2534018	38.87	ng	95
79) Butylbenzylphthalate	20.84	149	1117017	39.58	ng	98
80) Benzo(a)anthracene	21.84	228	2665838	39.36	ng	98
81) 3,3'-Dichlorobenzidine	21.74	252	596489	21.32	ng	# 98
82) Chrysene	21.91	228	2491195	39.14	ng	93
83) Bis(2-ethylhexyl)phthalate	21.73	149	1487119	37.42	ng	99
84) Di-n-octyl phthalate	22.99	149	2438280	37.22	ng	99
85) Indeno(1,2,3-cd)pyrene	29.07	276	3197709	38.23	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	2863303m	38.57	ng	
88) Benzo(k)fluoranthene	24.22	252	2754991	39.26	ng	# 96
89) Benzo(a)pyrene	25.06	252	2783631	38.47	ng	95
90) Dibenzo(a,h)anthracene	29.14	278	2670540	39.20	ng	# 96
91) Benzo(g,h,i)perylene	30.28	276	2661212	38.38	ng	# 97

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



#1

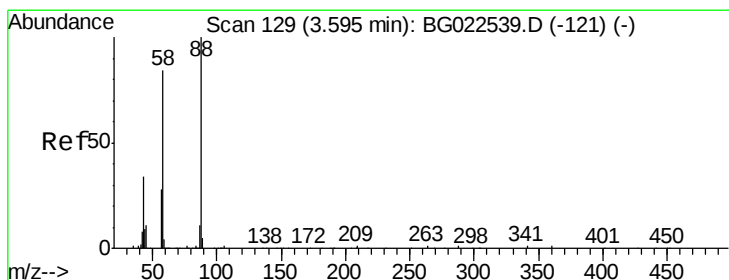
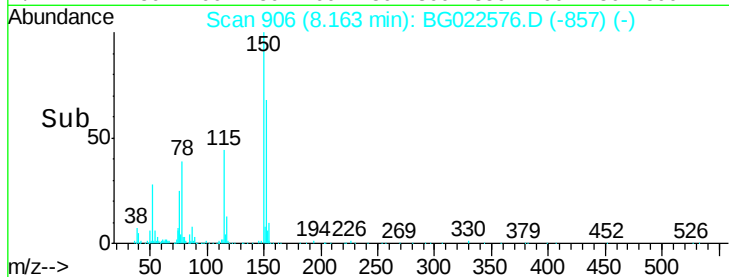
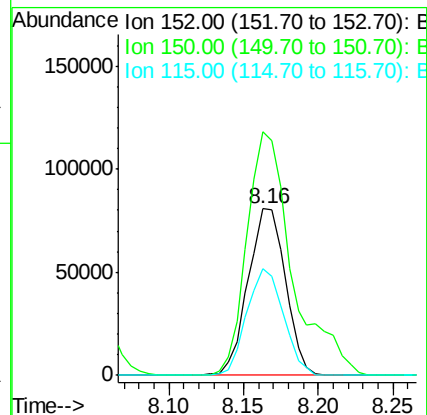
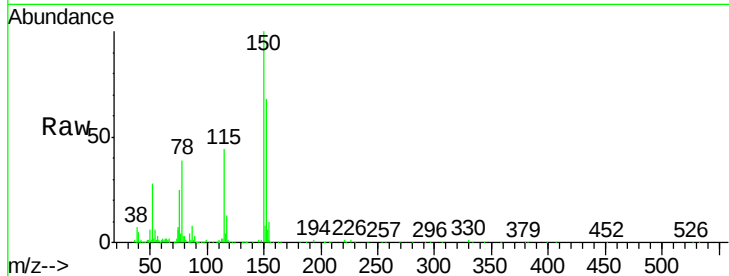
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 906
Delta R.T. -0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.3	144.7	217.1
115	64.5	64.0	96.0

Manual Integrations

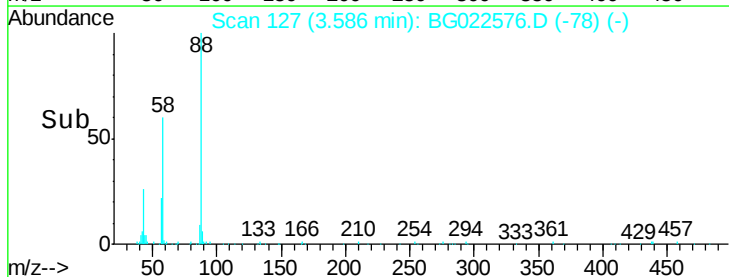
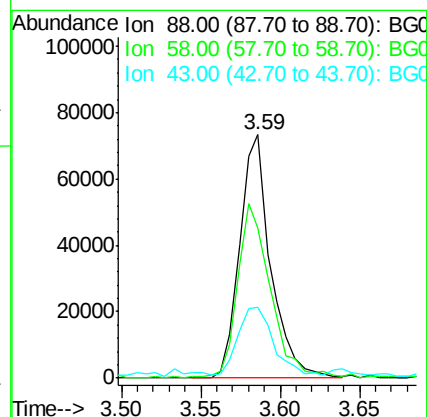
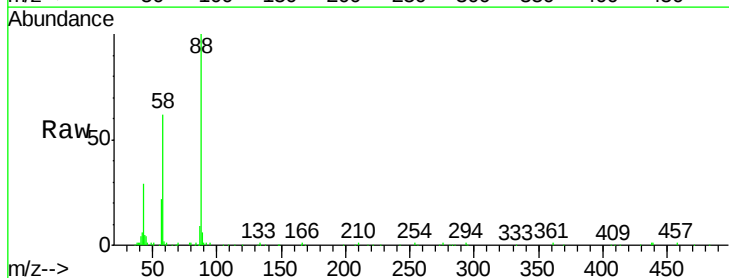
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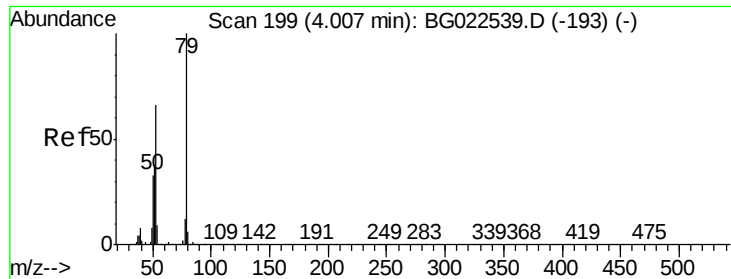


#2

1,4-Dioxane
Concen: 28.09 ng
RT: 3.59 min Scan# 127
Delta R.T. -0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	60.4	90.6
43	31.4	31.1	46.7





#3

Pyridine

Concen: 32.84 ng

RT: 3.99 min Scan# 195

Delta R.T. -0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

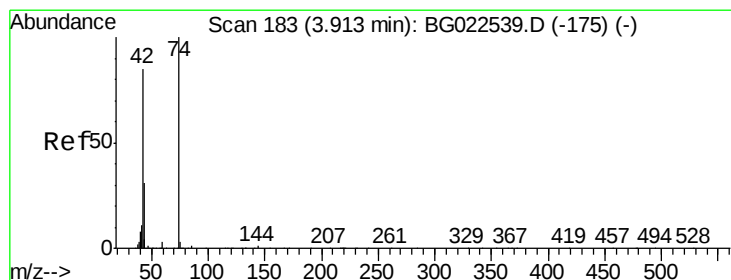
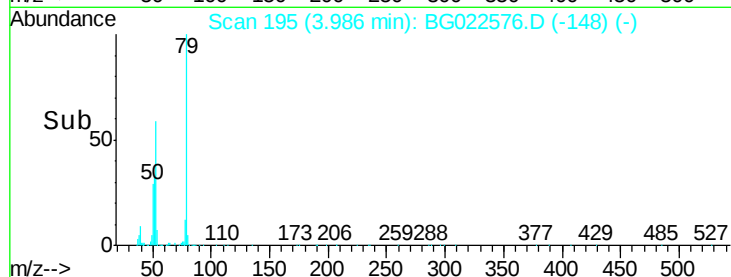
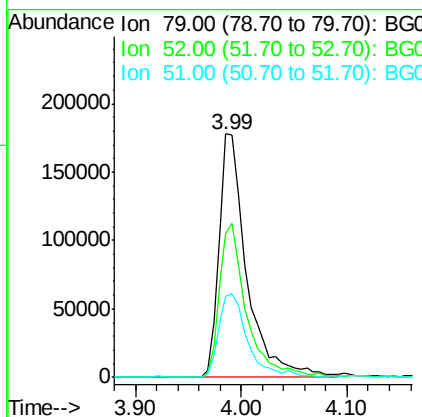
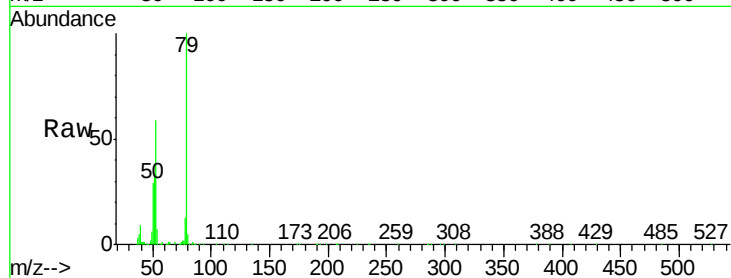
PB91578BSD

Tgt Ion:	79	Resp:	324611
Ion	Ratio	Lower	Upper
79	100		
52	58.8	51.8	77.8
51	33.4	32.7	49.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 32.05 ng

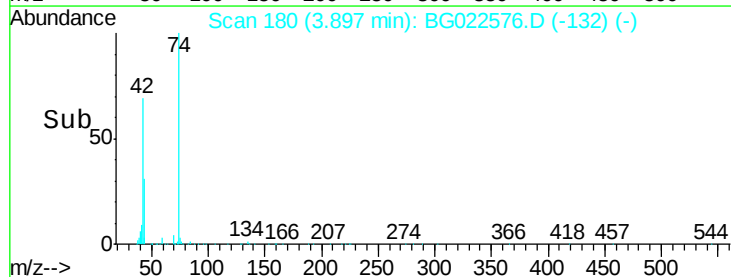
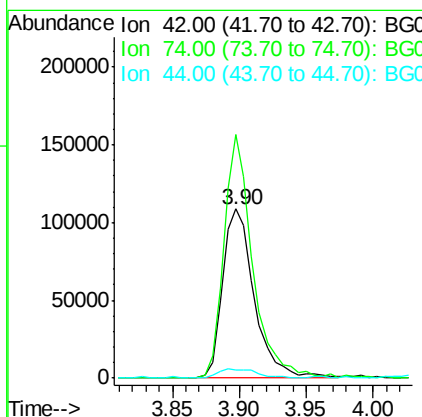
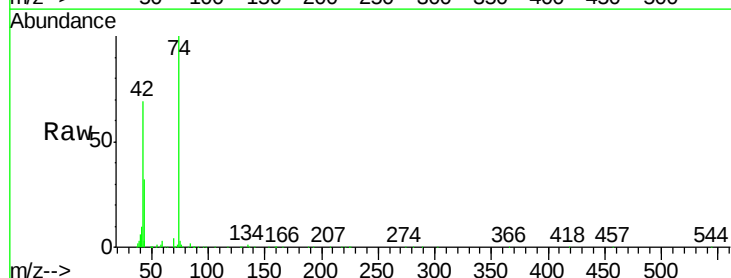
RT: 3.90 min Scan# 180

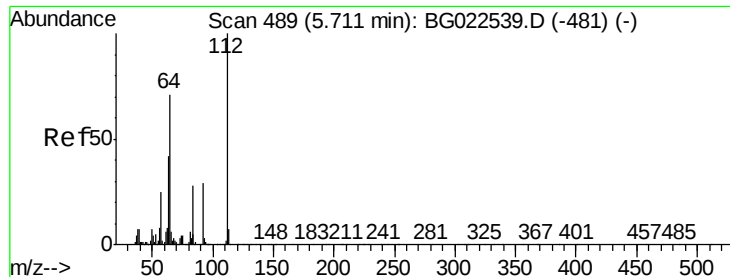
Delta R.T. -0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:	42	Resp:	181202
Ion	Ratio	Lower	Upper
42	100		
74	144.2	100.6	150.8
44	4.9	4.5	6.7





#5

2-Fluorophenol

Concen: 76.64 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022576.D

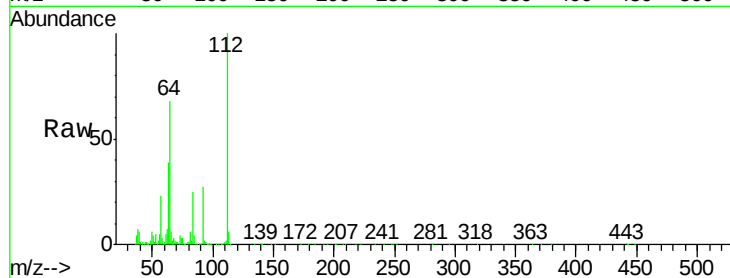
Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

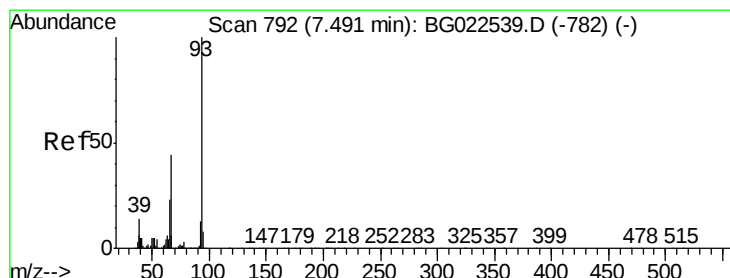
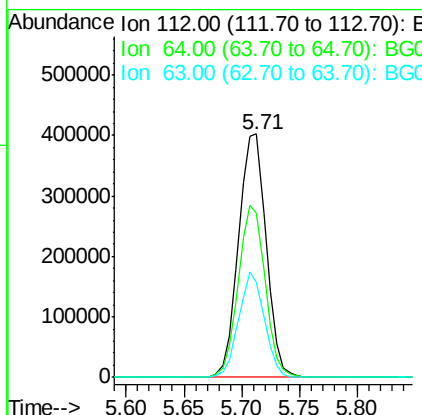
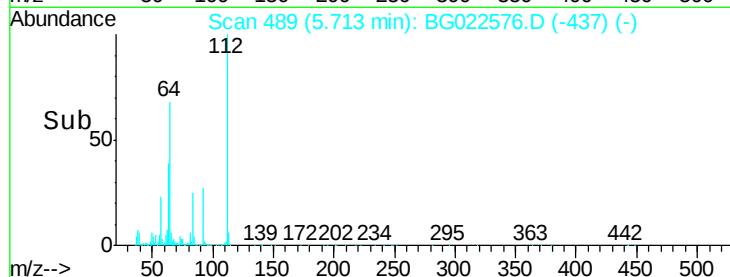


Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	59.0	88.4
63	39.3	37.8	56.8

Manual Integrations

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#6

Aniline

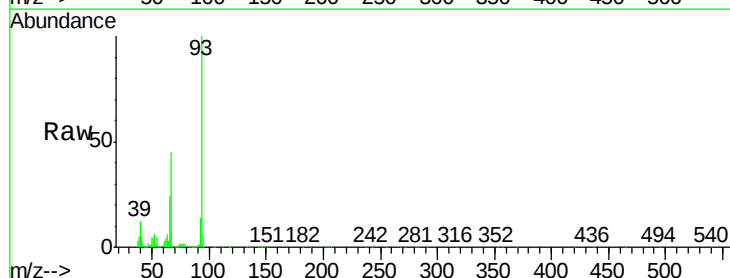
Concen: 29.64 ng

RT: 7.49 min Scan# 791

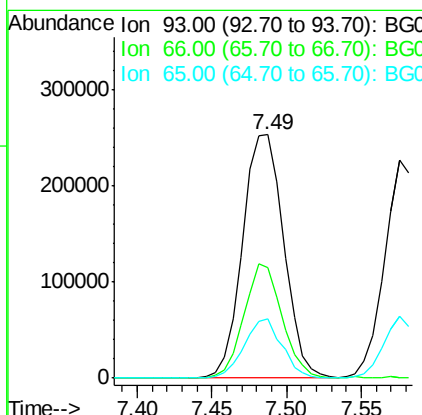
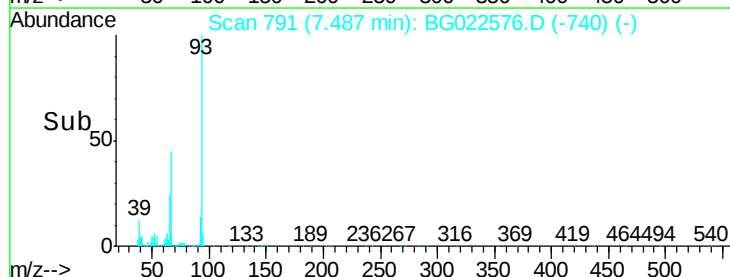
Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06



Tgt Ion	Ratio	Lower	Upper
93	100		
66	45.5	37.5	56.3
65	24.3	17.9	26.9





#7

Phenol-d6

Concen: 81.94 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion: 99 Resp: 1006972

Ion Ratio Lower Upper

99 100

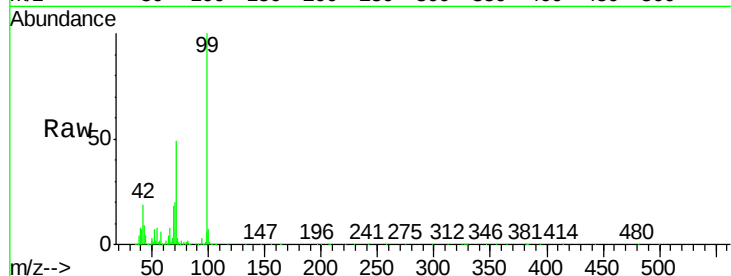
42 19.0 17.8 26.6

71 48.7 41.5 62.3

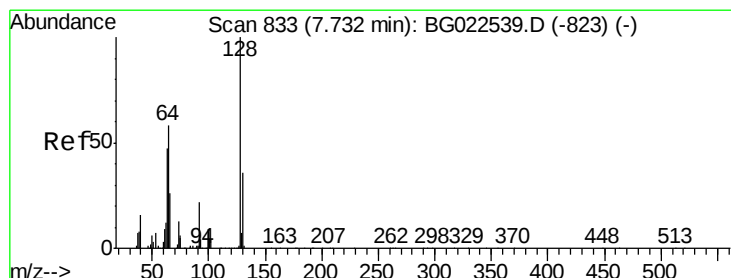
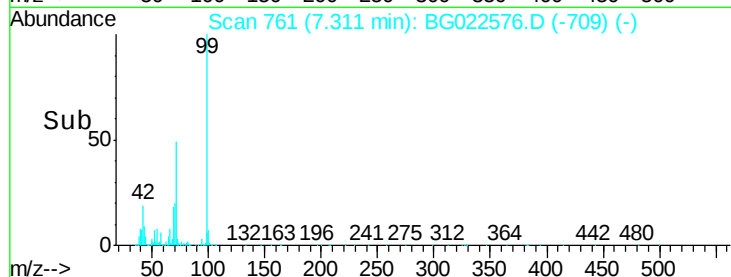
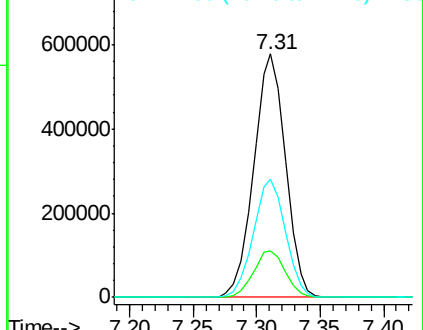
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.93 ng

RT: 7.73 min Scan# 832

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

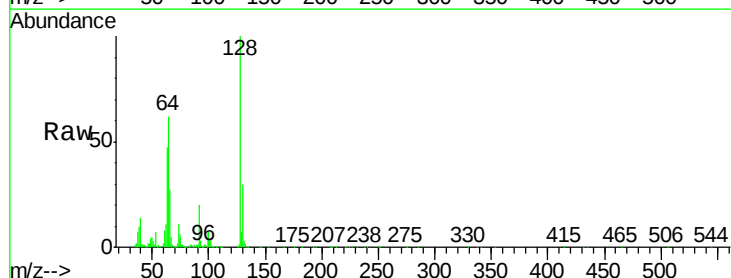
Tgt Ion: 128 Resp: 360580

Ion Ratio Lower Upper

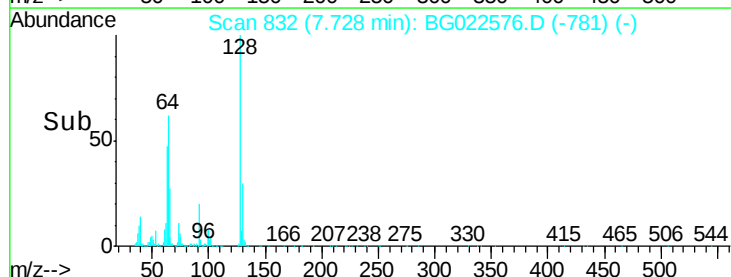
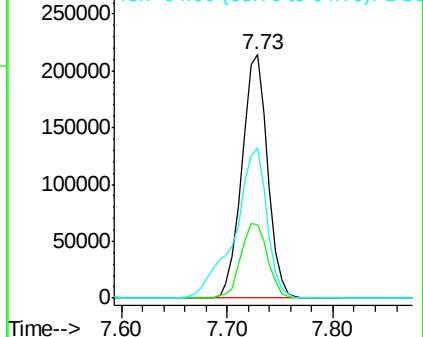
128 100

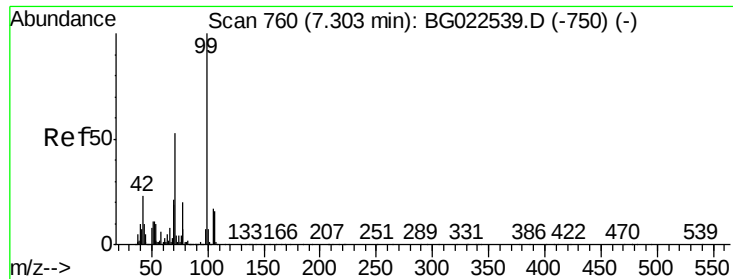
130 30.4 12.9 52.9

64 61.5 42.0 82.0



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 3.48 ng m

RT: 7.34 min Scan# 766

Delta R.T. 0.04 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

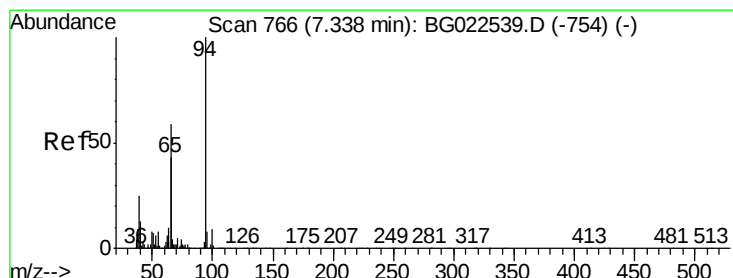
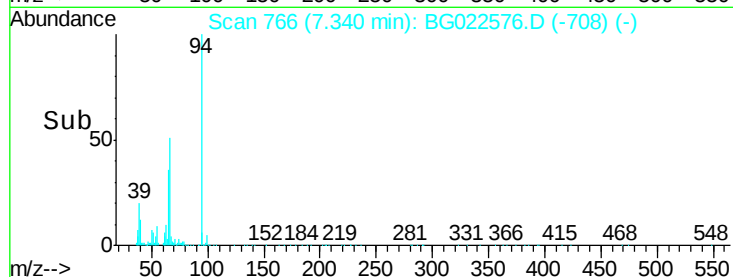
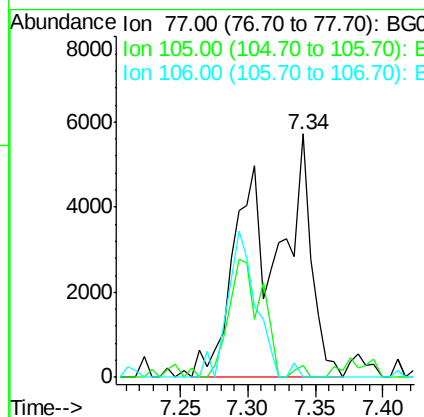
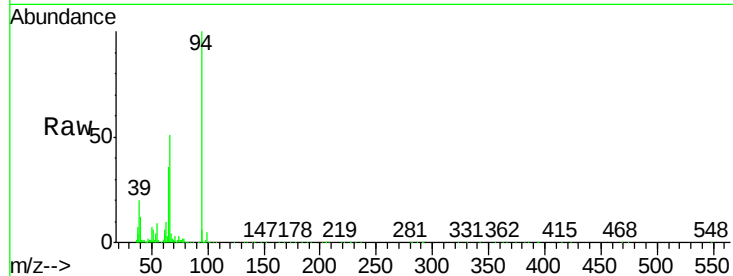
Tgt Ion: 77 Resp: 15048

Ion	Ratio	Lower	Upper
77	100		
105	5.1	58.7	98.7#
106	0.0	67.5	107.5#

Manual Integrations

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#10

Phenol

Concen: 41.97 ng

RT: 7.33 min Scan# 765

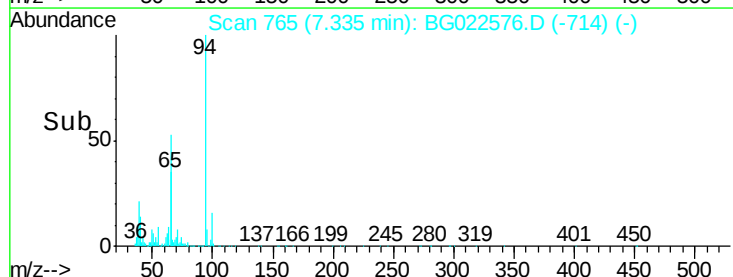
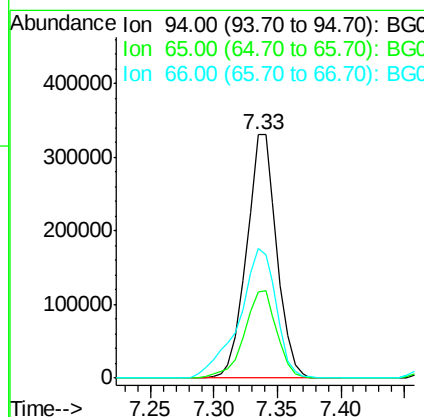
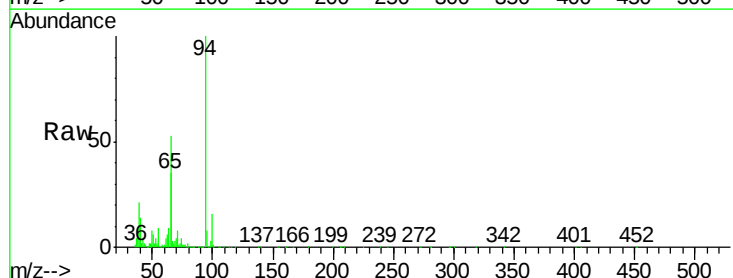
Delta R.T. 0.00 min

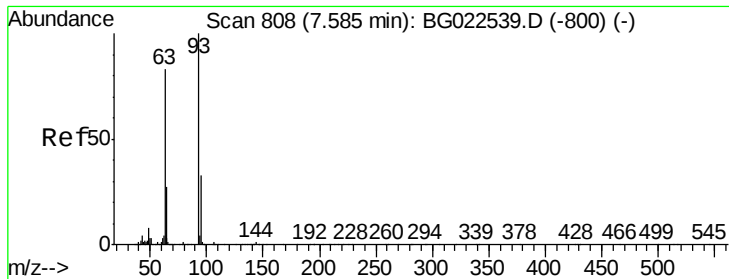
Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion: 94 Resp: 545148

Ion	Ratio	Lower	Upper
94	100		
65	35.3	18.1	58.1
66	53.3	42.1	82.1





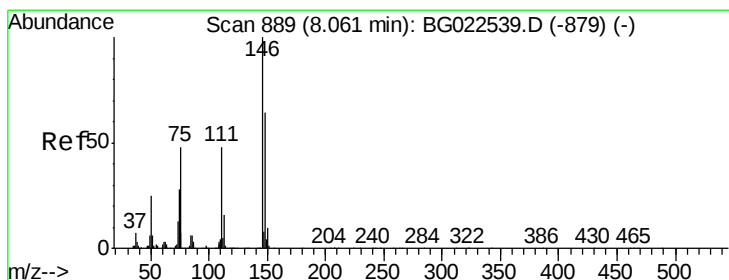
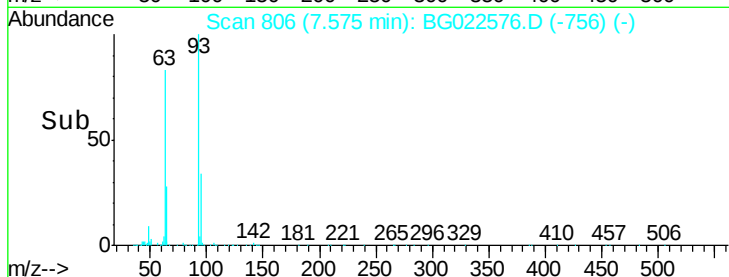
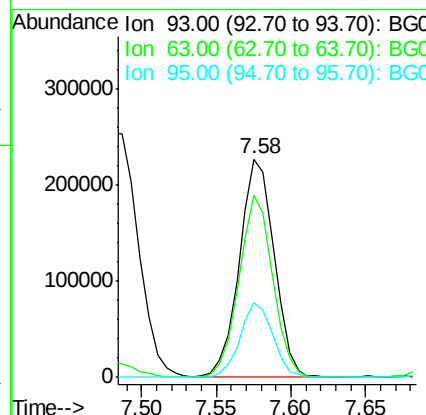
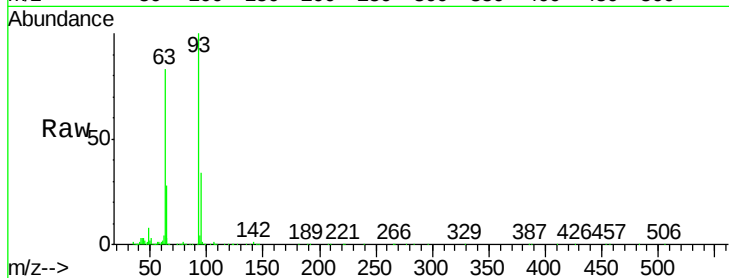
#11
bis(2-Chloroethyl)ether
Concen: 34.26 ng
RT: 7.58 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:	93	Resp:	366279
Ion	Ratio	Lower	Upper
93	100		
63	83.3	55.0	95.0
95	34.3	11.0	51.0

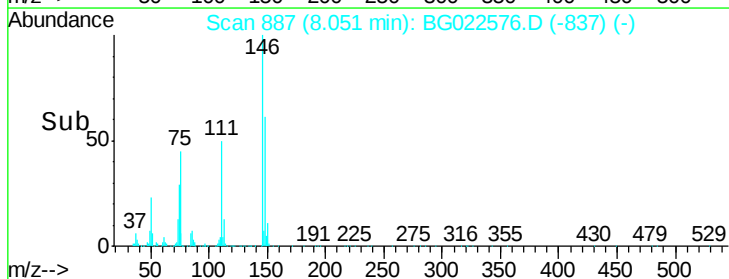
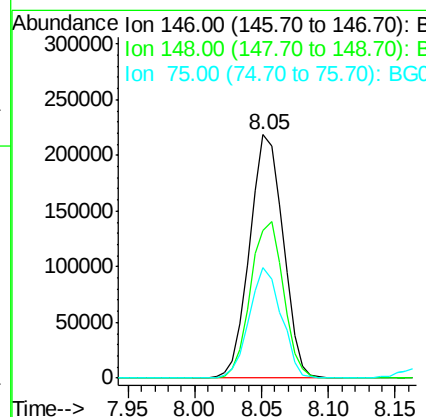
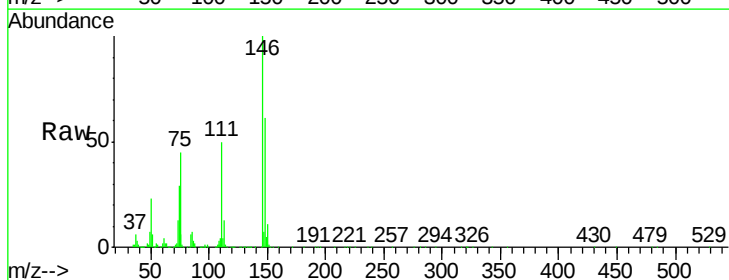
Manual Integrations

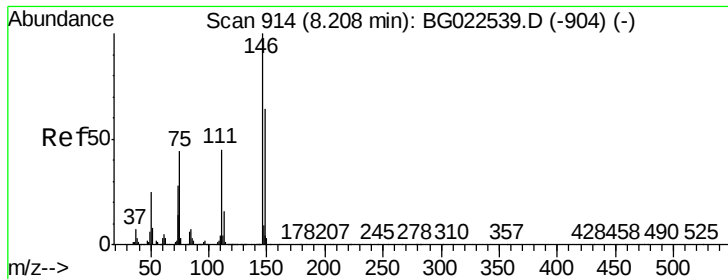
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#12
1,3-Dichlorobenzene
Concen: 34.43 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:	146	Resp:	378350
Ion	Ratio	Lower	Upper
146	100		
148	60.8	50.3	75.5
75	45.2	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 33.67 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

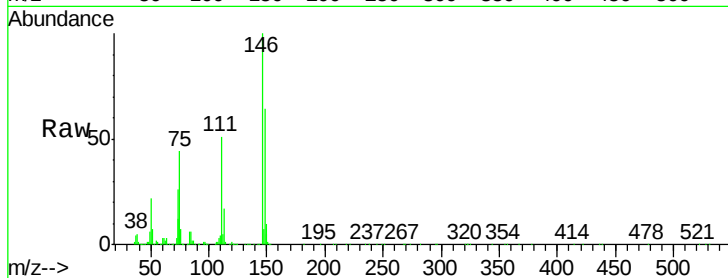
ClientSampleId :

PB91578BSD

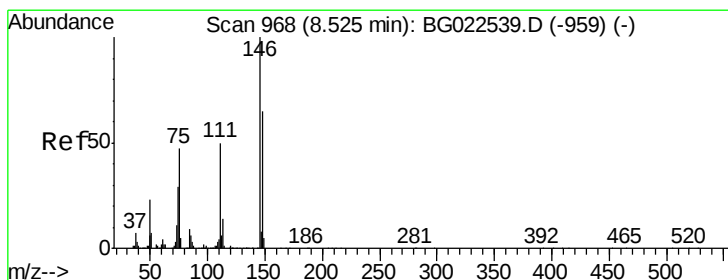
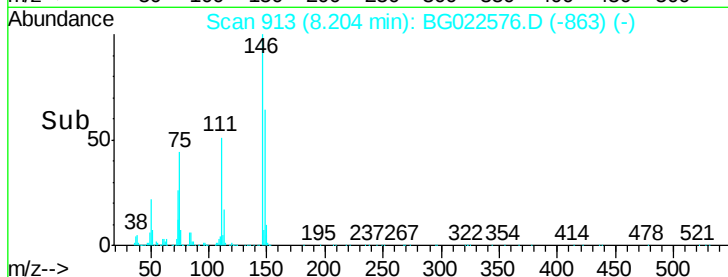
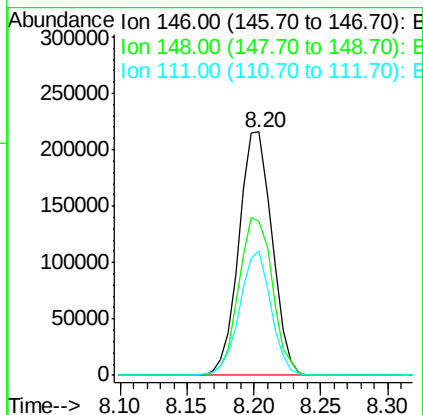
Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	54.5	81.7
111	51.2	37.8	56.8



#14

1,2-Dichlorobenzene

Concen: 35.17 ng

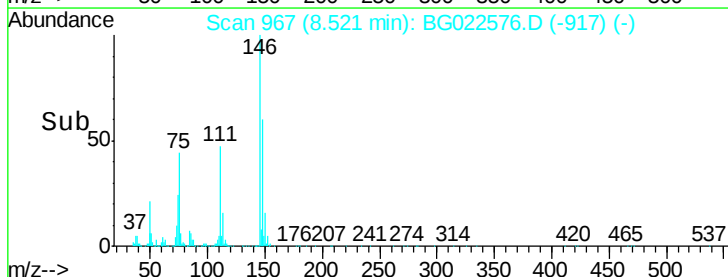
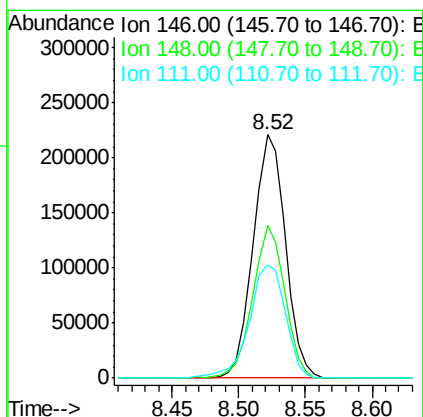
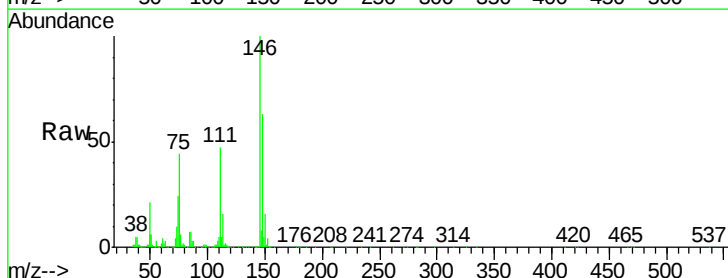
RT: 8.52 min Scan# 967

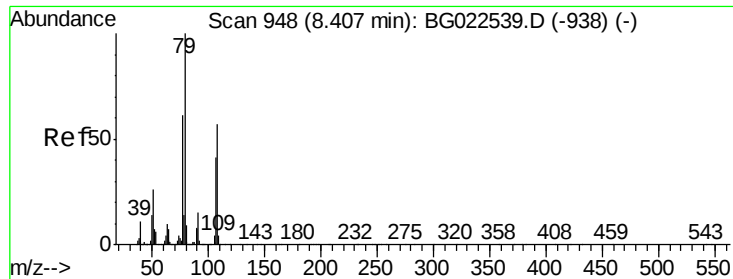
Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.9	79.3
111	46.6	43.5	65.3





#15

Benzyl Alcohol

Concen: 42.13 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

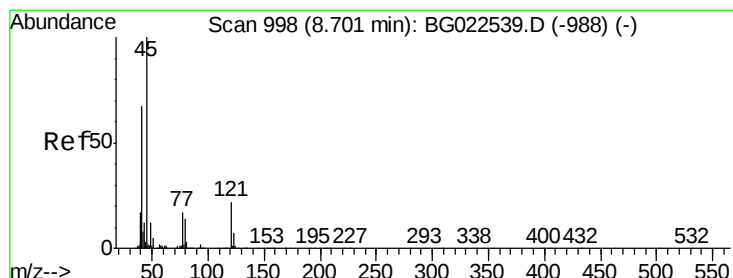
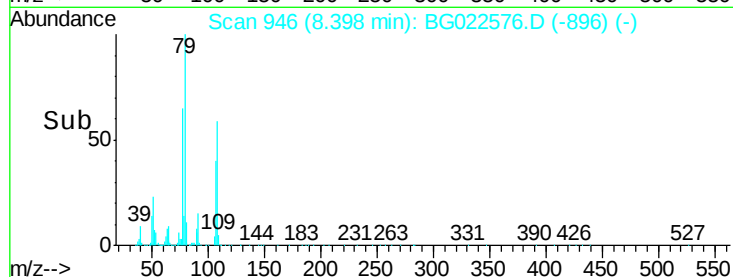
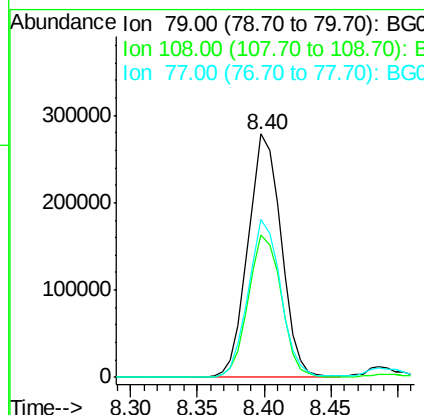
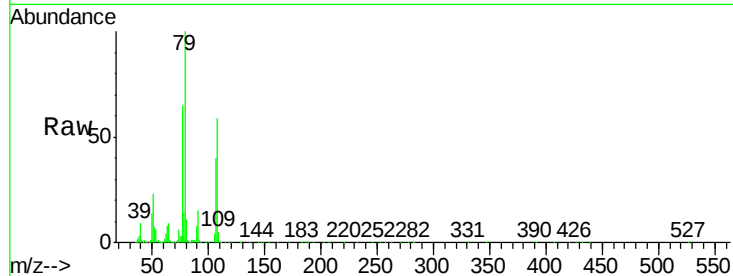
PB91578BSD

Tgt Ion:	79	Resp:	479082
Ion	Ratio	Lower	Upper
79	100		
108	58.8	46.5	69.7
77	64.7	52.3	78.5

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.14 ng

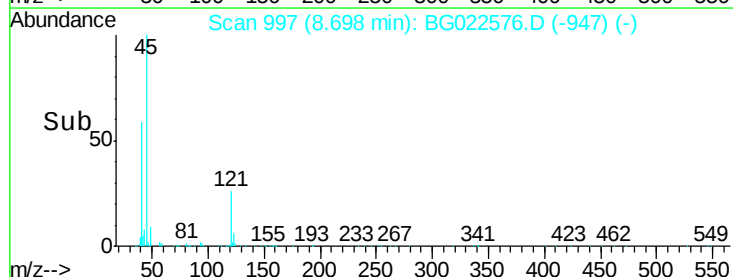
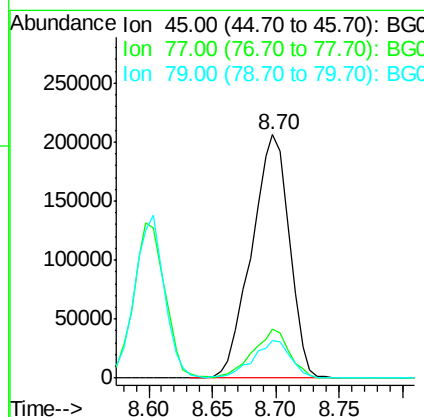
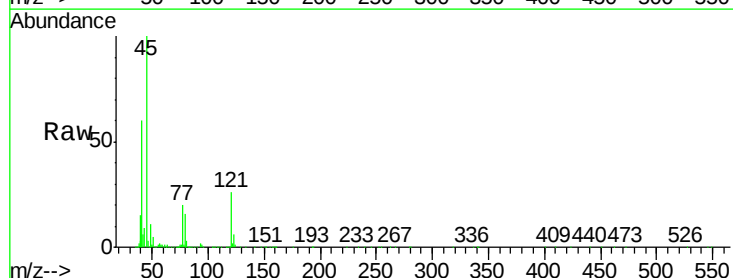
RT: 8.70 min Scan# 997

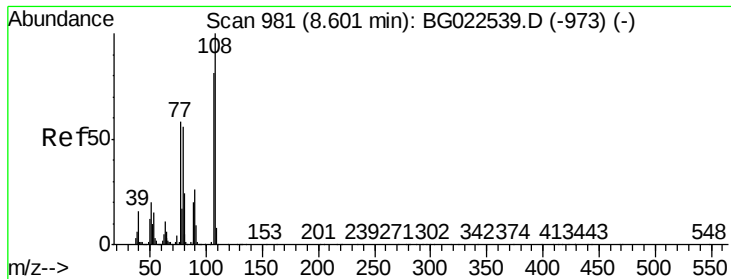
Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:	45	Resp:	427401
Ion	Ratio	Lower	Upper
45	100		
77	20.3	0.6	40.6
79	15.5	0.0	36.2





#17

2-Methylphenol

Concen: 40.98 ng

RT: 8.60 min Scan# 981

Delta R.T. 0.01 min

Lab File: BG022576.D

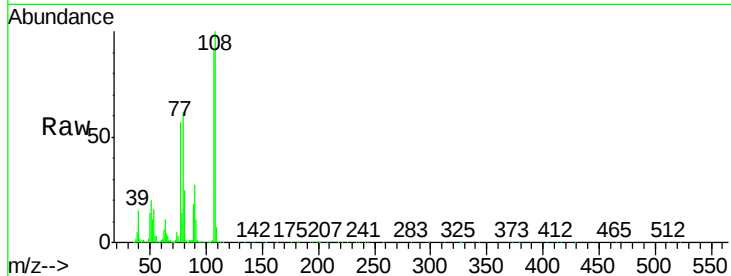
Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

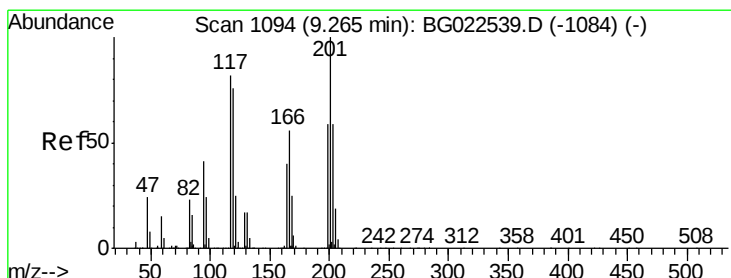
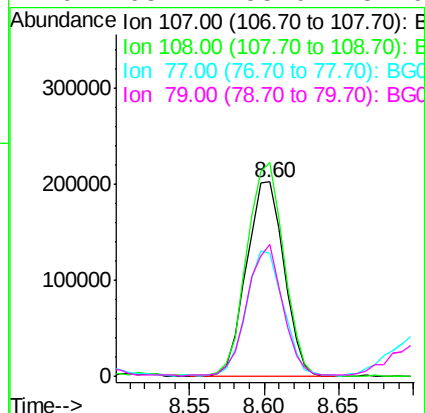
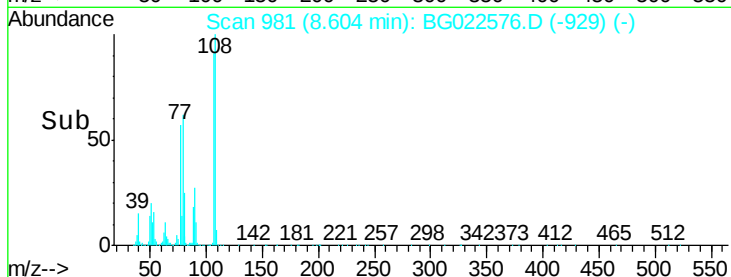


Tgt Ion	Ratio	Resp	Lower	Upper
107	100	350859		
108	109.9	92.0	138.0	
77	62.9	55.8	83.6	
79	68.1	55.0	82.6	

Manual Integrations

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#18

Hexachloroethane

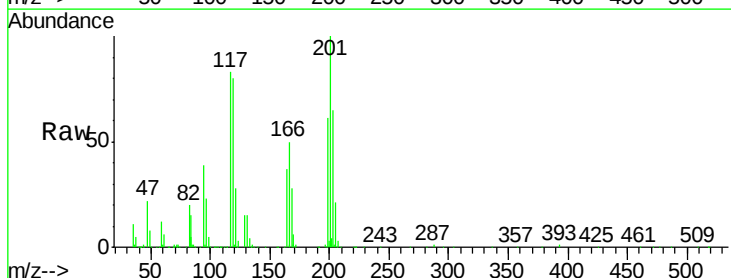
Concen: 34.21 ng

RT: 9.26 min Scan# 1092

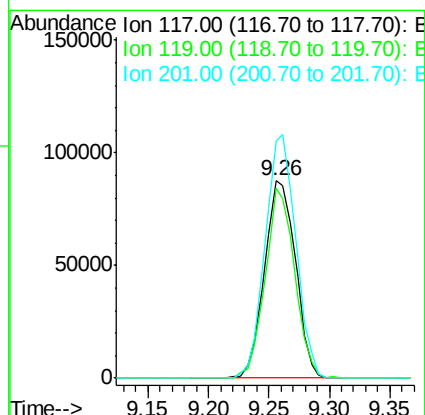
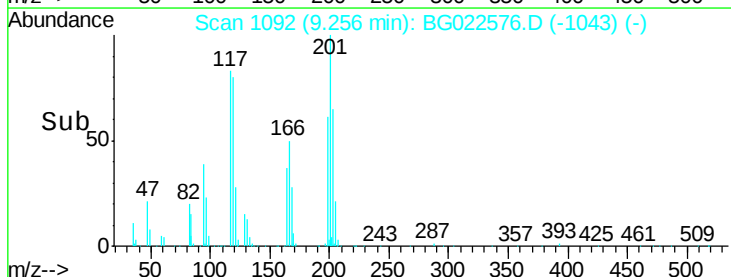
Delta R.T. -0.01 min

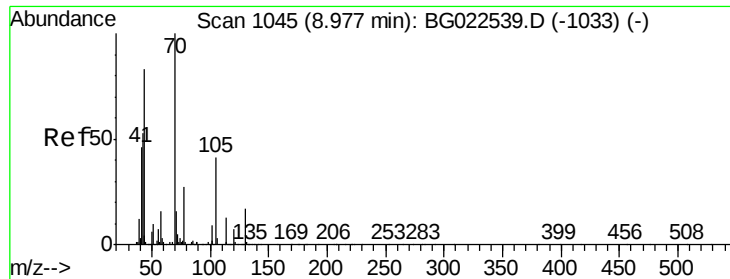
Lab File: BG022576.D

Acq: 25 Jun 2016 16:06



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	156025		
119	96.3	73.7	110.5	
201	120.3	88.7	133.1	





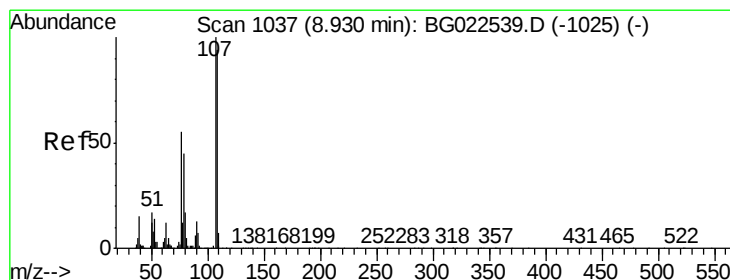
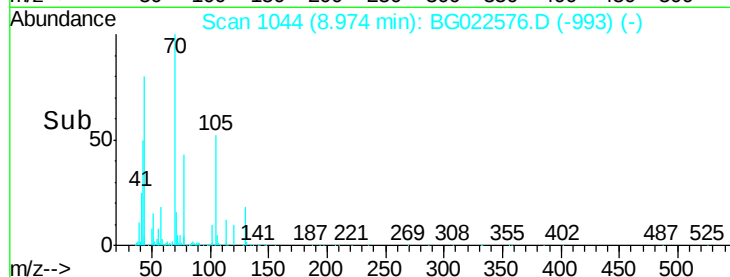
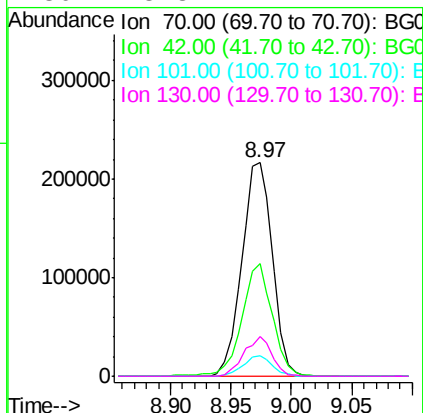
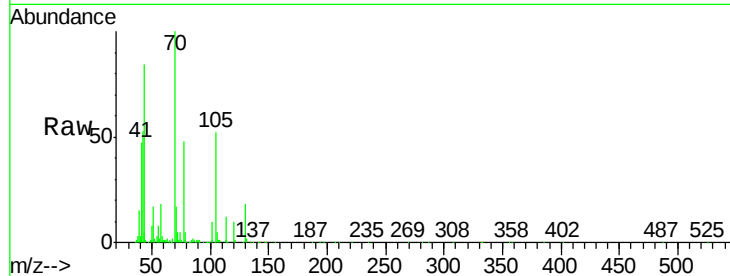
#19
n-Nitroso-di-n-propylamine
Concen: 37.12 ng
RT: 8.97 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.5	42.1	63.1
101	9.8	7.2	10.8
130	18.3	14.2	21.2

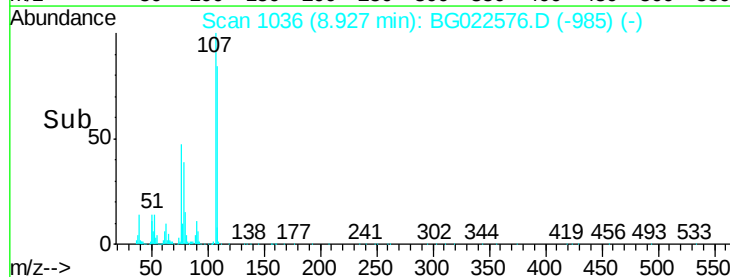
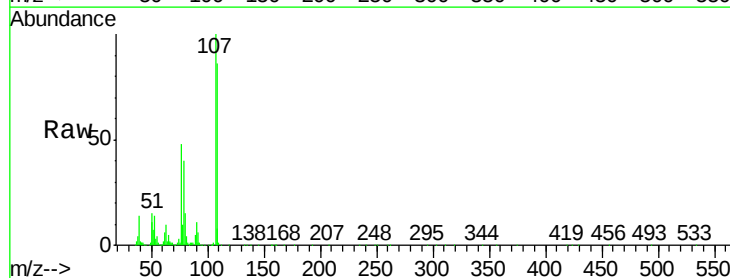
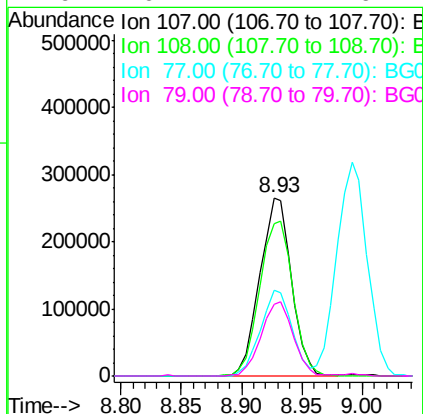
Manual Integrations

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#20
3+4-Methylphenols
Concen: 41.21 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.5	72.5	112.5
77	47.7	30.1	70.1
79	40.2	24.2	64.2





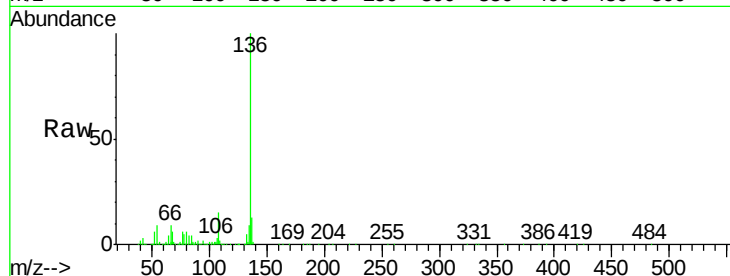
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

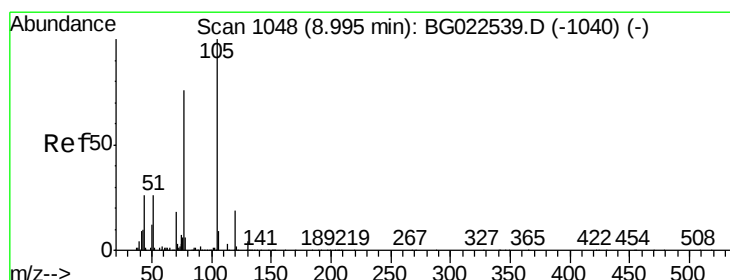
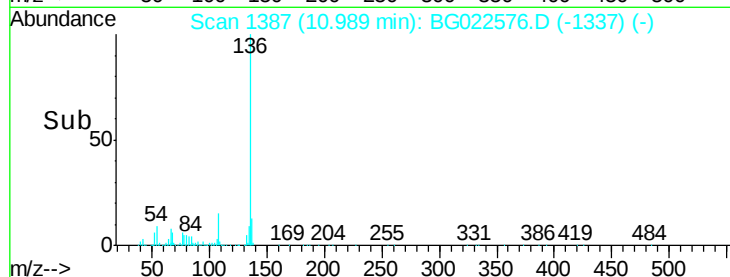
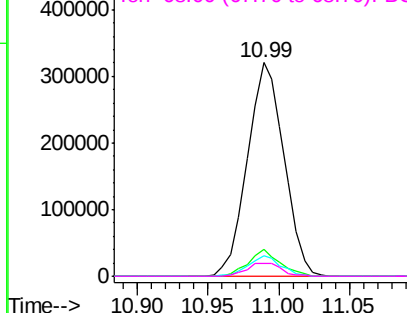
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	581311		
137	12.5	9.6	14.4	
54	9.4	7.3	10.9	
68	6.6	5.3	7.9	

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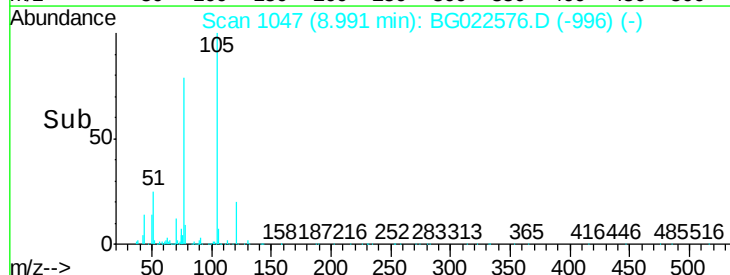
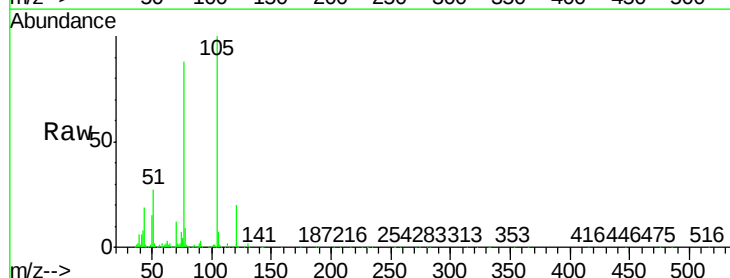
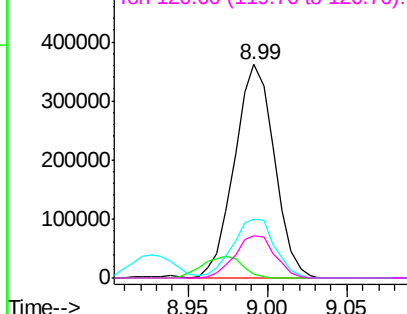
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 37.56 ng
RT: 8.99 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	631290		
71	1.9	2.6	3.8#	
51	27.3	27.1	40.7	
120	20.0	15.1	22.7	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





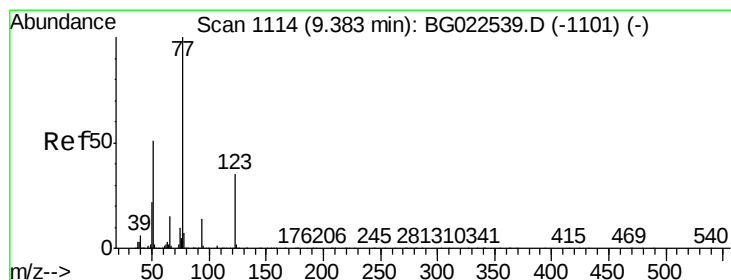
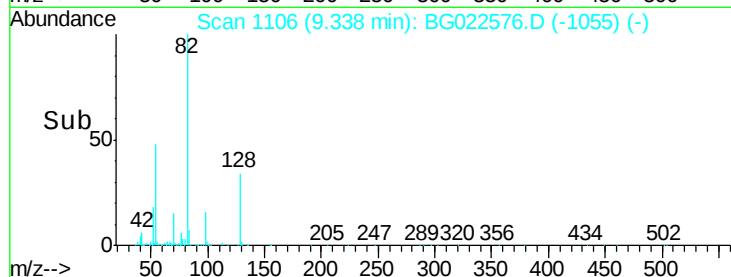
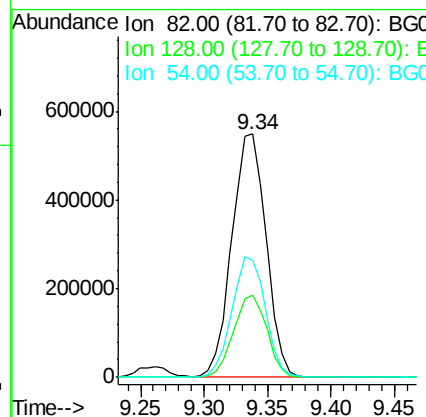
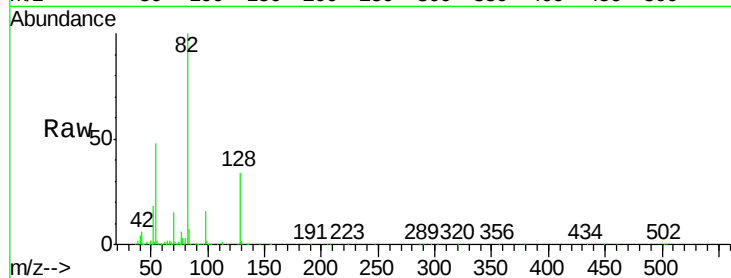
#23
 Nitrobenzene-d5
 Concen: 74.73 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion: 82 Resp: 1026355
 Ion Ratio Lower Upper
 82 100
 128 33.6 24.4 36.6
 54 48.1 41.4 62.0

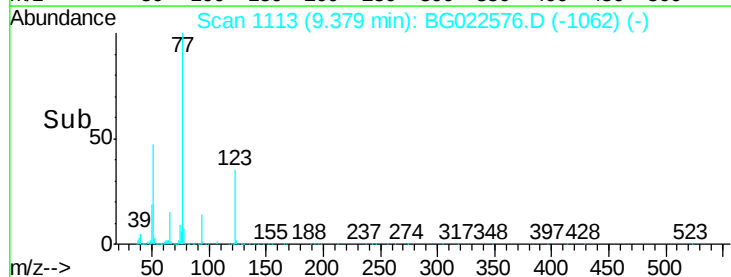
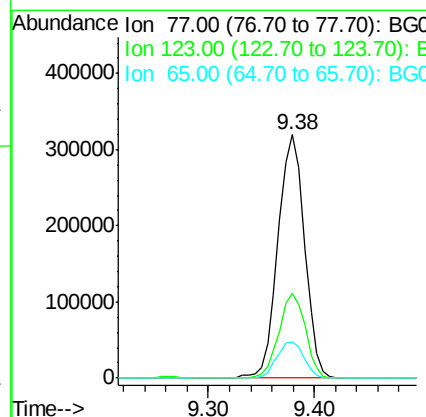
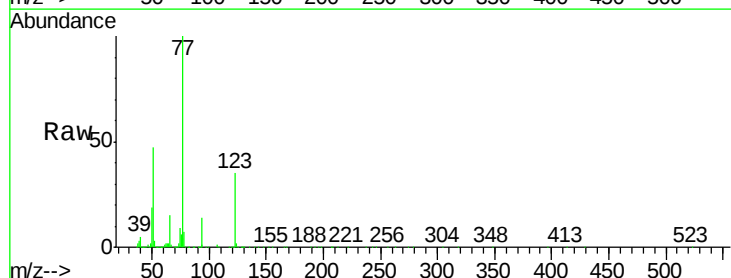
Manual Integrations

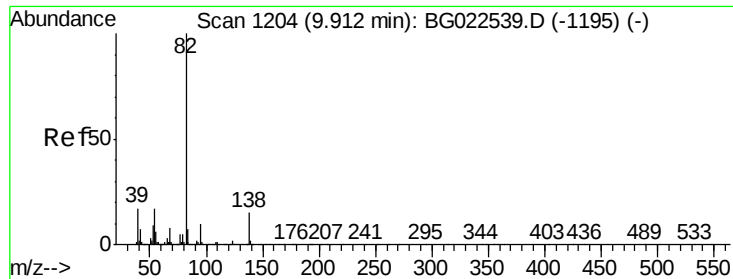
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#24
 Nitrobenzene
 Concen: 36.48 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion: 77 Resp: 553748
 Ion Ratio Lower Upper
 77 100
 123 34.8 25.0 37.6
 65 15.1 13.4 20.0





#25

Isophorone

Concen: 37.02 ng

RT: 9.90 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

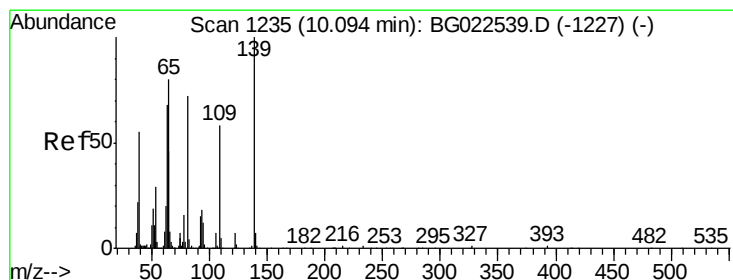
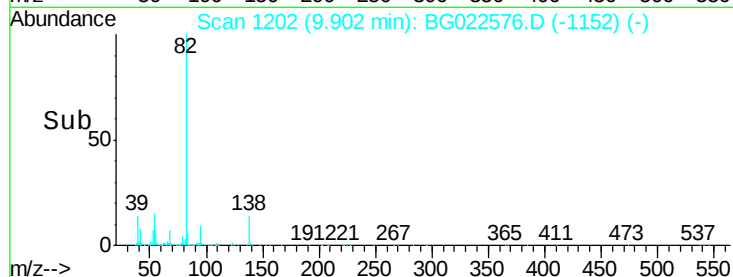
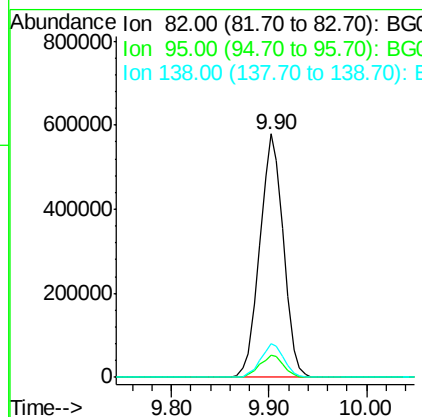
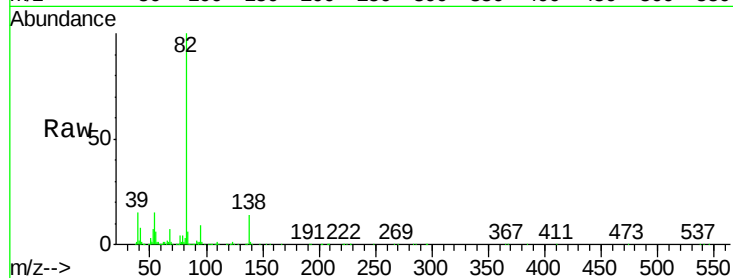
PB91578BSD

Tgt Ion:	82	Resp:	986961
Ion Ratio	Lower	Upper	
82	100		
95	9.2	8.2	12.2
138	13.8	10.7	16.1

Manual Integrations

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#26

2-Nitrophenol

Concen: 40.24 ng

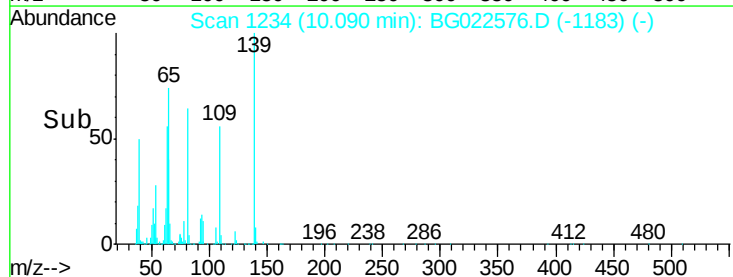
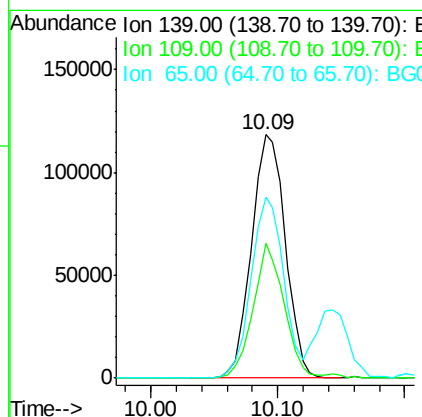
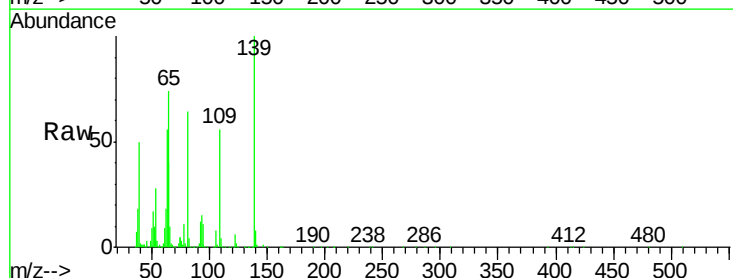
RT: 10.09 min Scan# 1234

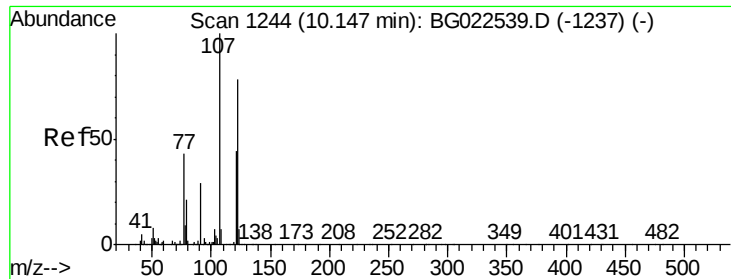
Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:	139	Resp:	220016
Ion Ratio	Lower	Upper	
139	100		
109	55.6	43.5	65.3
65	74.3	64.3	96.5





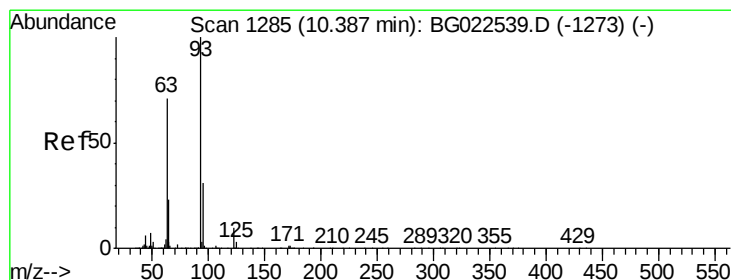
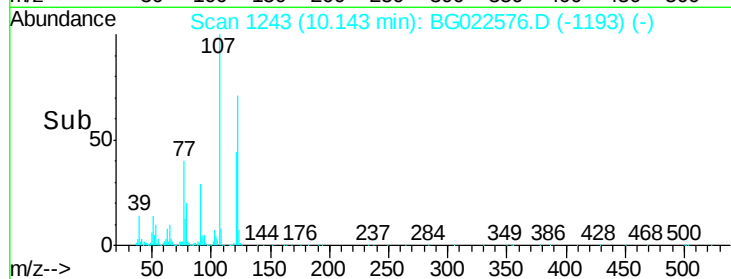
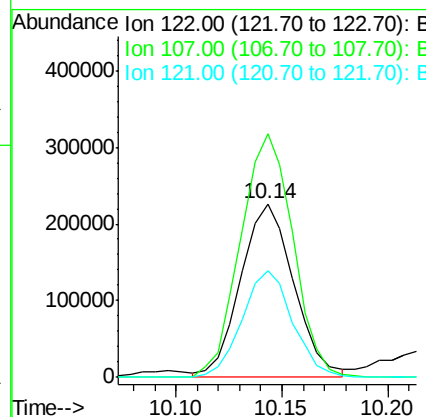
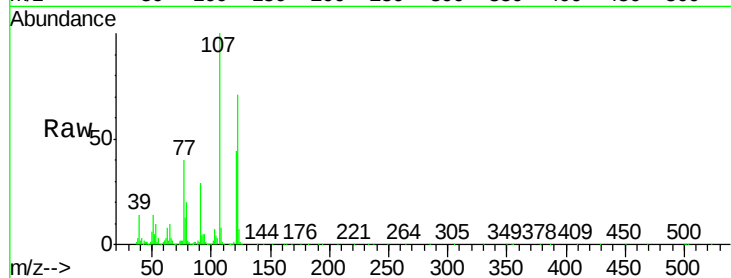
#27
2,4-Dimethylphenol
Concen: 37.67 ng
RT: 10.14 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	140.2	117.0	175.4
121	61.4	50.1	75.1

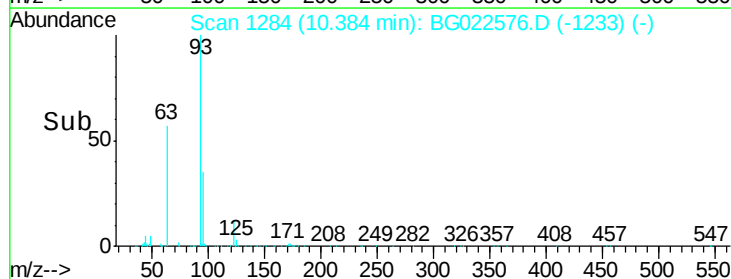
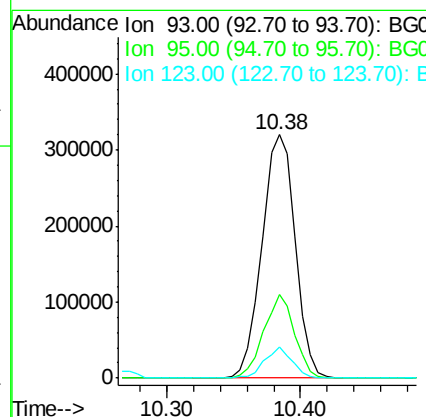
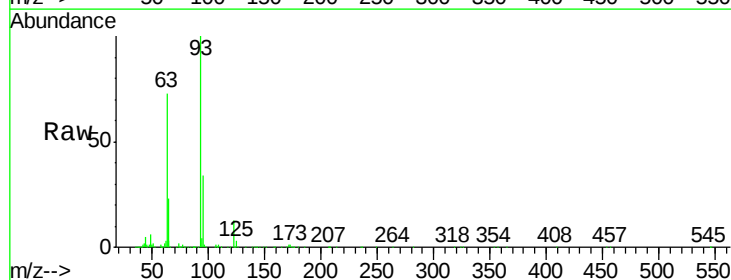
Manual Integrations

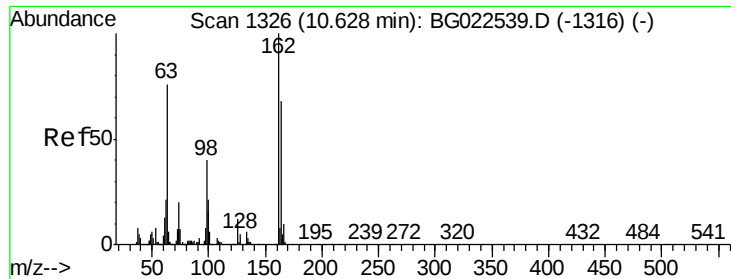
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#28
bis(2-Chloroethoxy)methane
Concen: 37.74 ng
RT: 10.38 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.3	25.4	38.2
123	12.6	8.2	12.2#





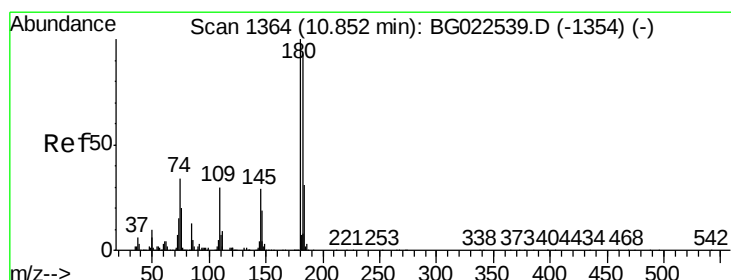
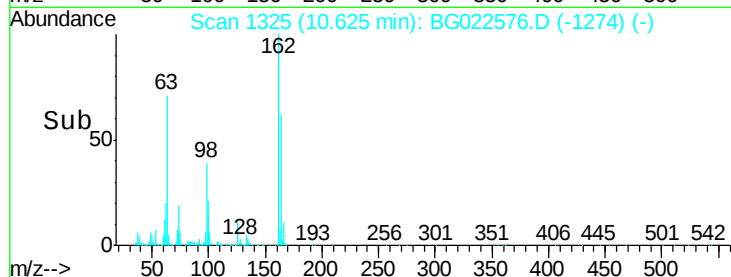
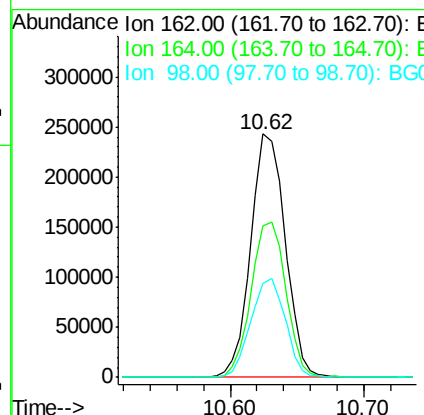
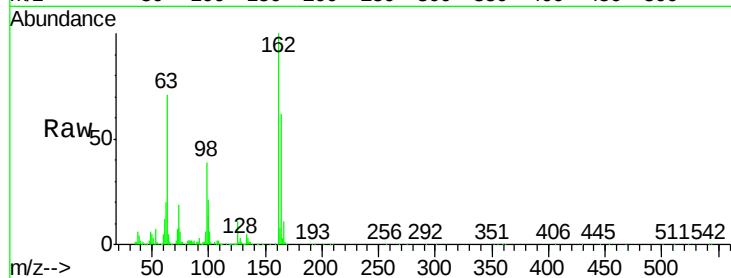
#29
2,4-Dichlorophenol
Concen: 42.59 ng
RT: 10.62 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.3	84.3
98	38.6	19.5	59.5

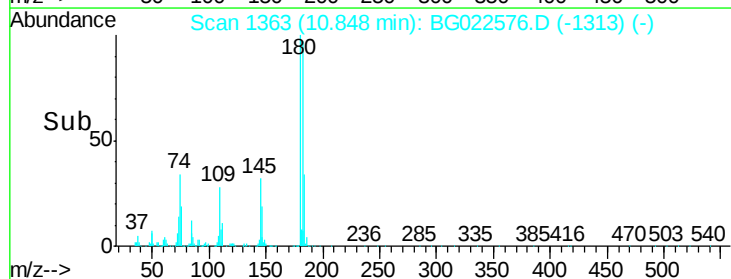
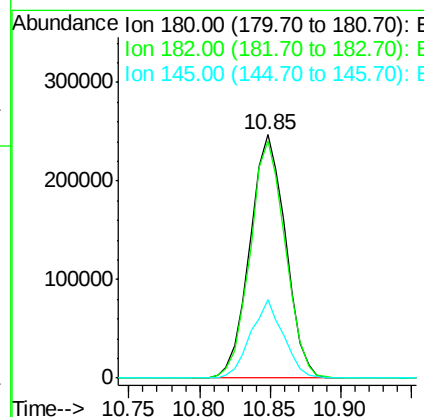
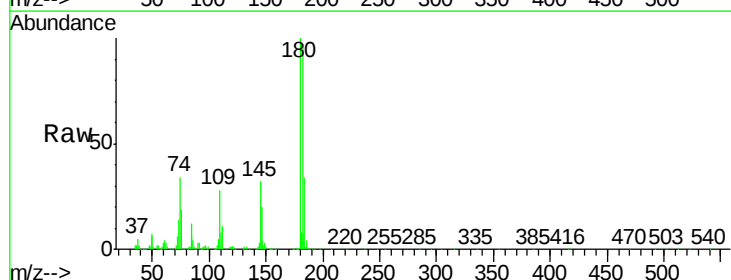
Manual Integrations

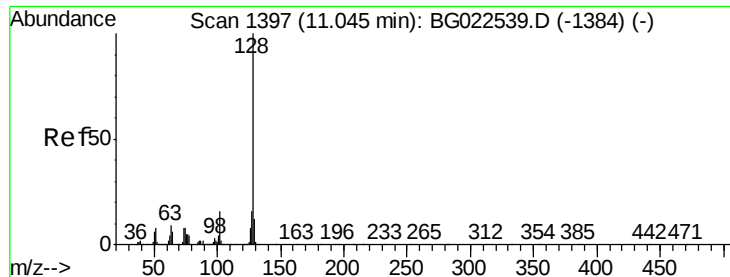
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#30
1,2,4-Trichlorobenzene
Concen: 36.28 ng
RT: 10.85 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	73.8	110.8
145	32.1	24.4	36.6





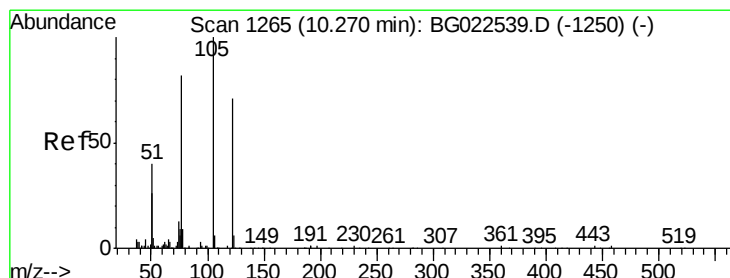
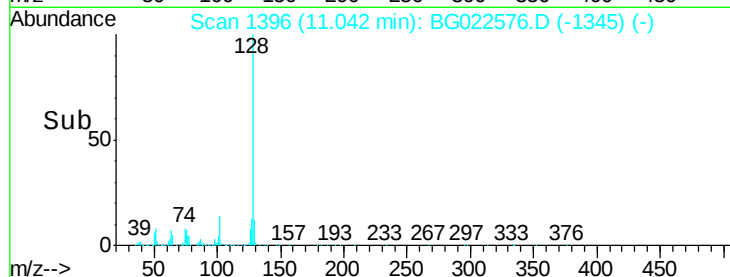
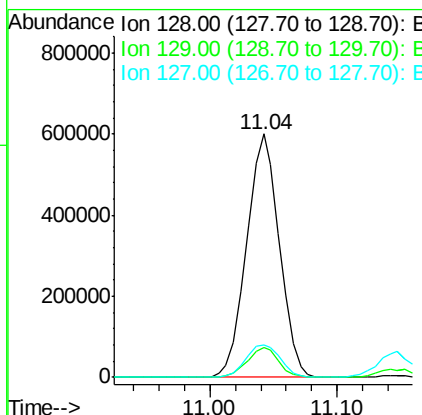
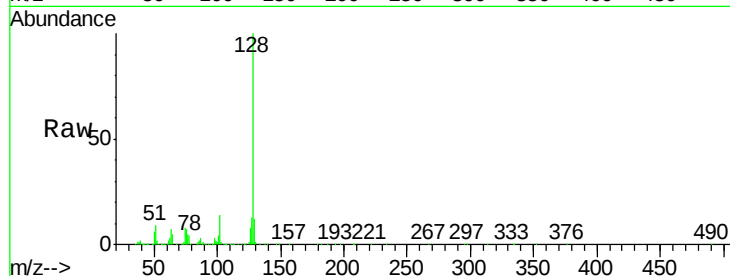
#31
Naphthalene
Concen: 36.68 ng
RT: 11.04 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	13.1	11.3	16.9

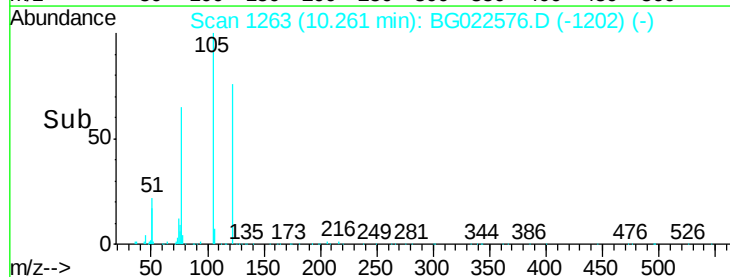
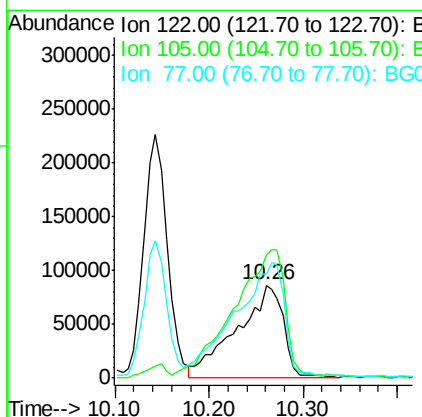
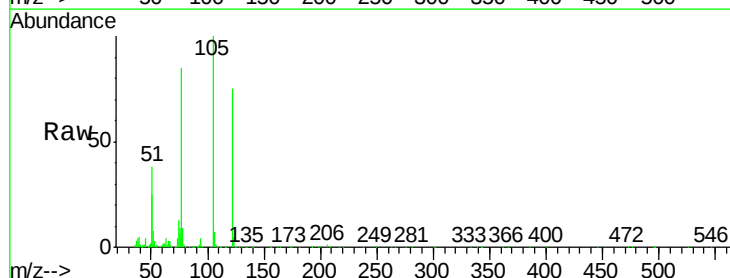
Manual Integrations

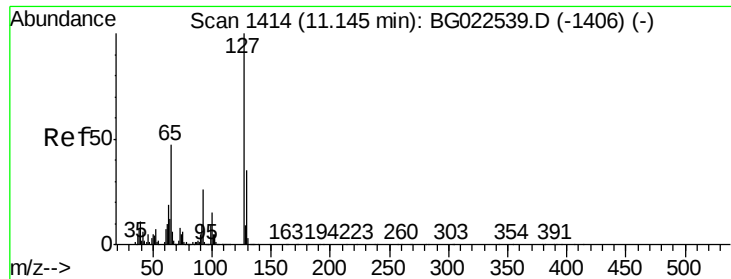
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#32
Benzoic acid
Concen: 43.44 ng
RT: 10.26 min Scan# 1263
Delta R.T. 0.06 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.7	117.2	157.2
77	112.7	109.2	149.2





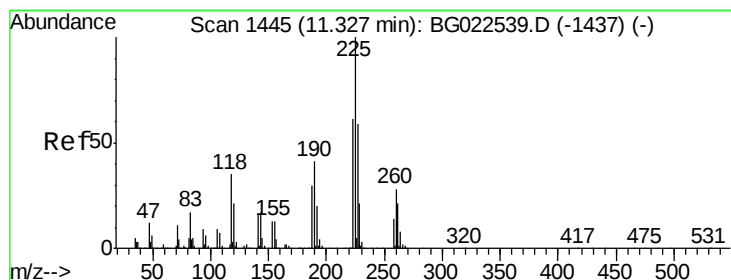
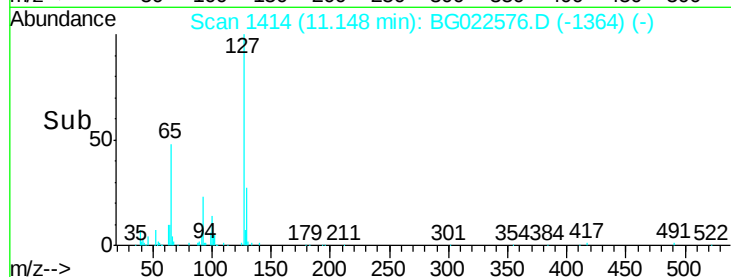
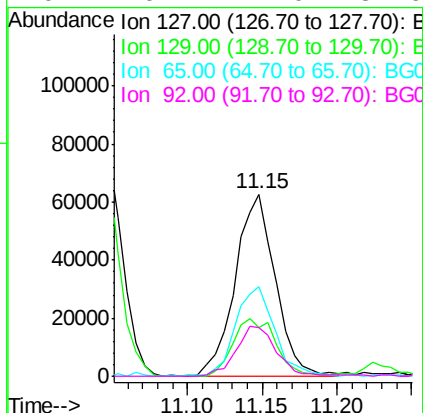
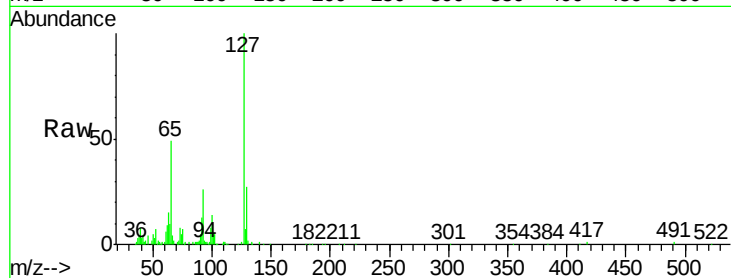
#33
4-Chloroaniline
Concen: 9.29 ng
RT: 11.15 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampled :
PB91578BSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	116879		
129	26.6	27.9	41.9#	
65	49.1	36.8	55.2	
92	26.4	21.0	31.6	

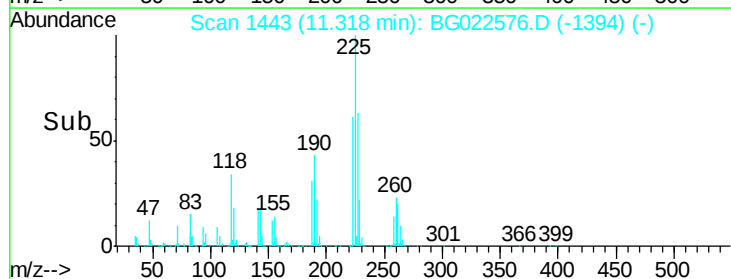
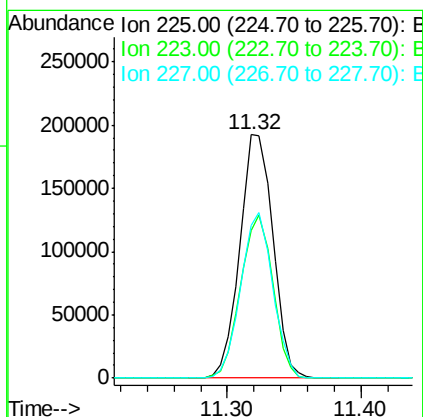
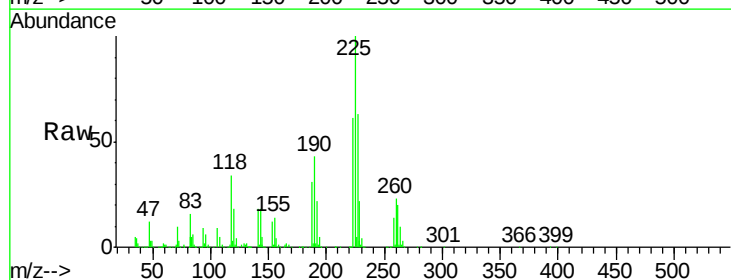
Manual Integrations

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#34
Hexachlorobutadiene
Concen: 35.13 ng
RT: 11.32 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	329957		
223	60.5	49.6	74.4	
227	62.6	54.5	81.7	





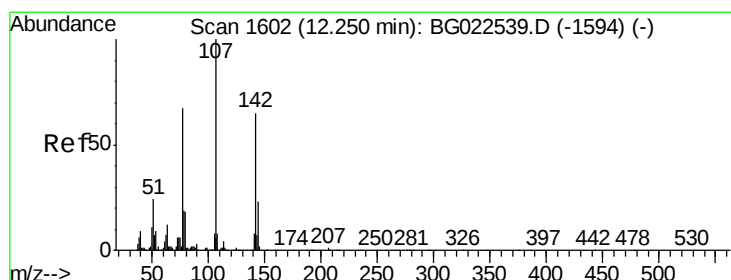
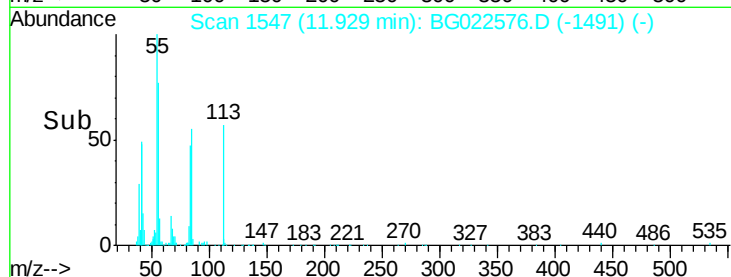
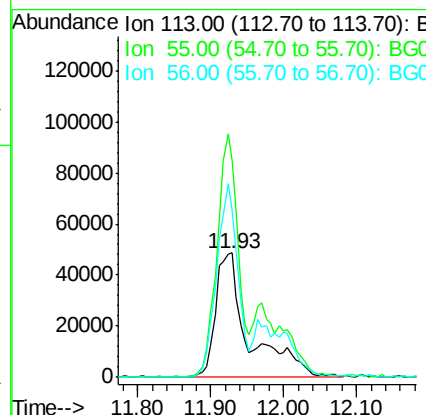
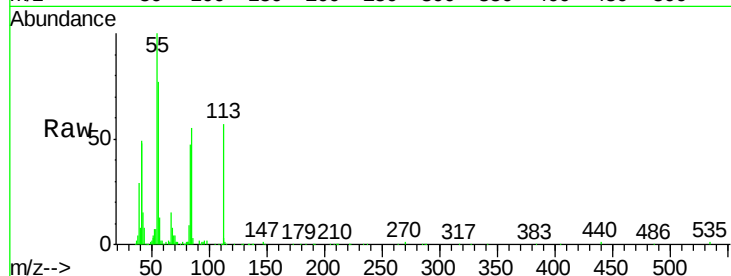
#35
 Caprolactam
 Concen: 48.76 ng m
 RT: 11.93 min Scan# 1547
 Delta R.T. 0.03 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.3	154.5	194.5
56	134.1	125.1	165.1

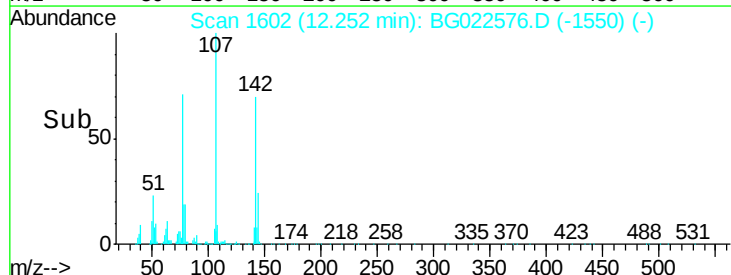
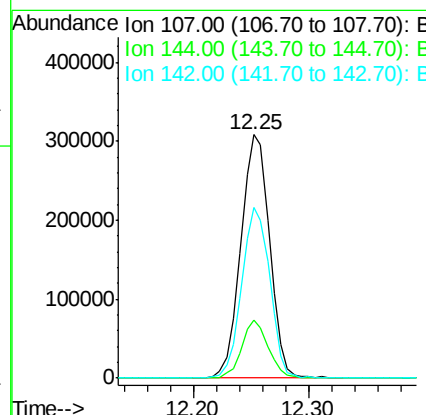
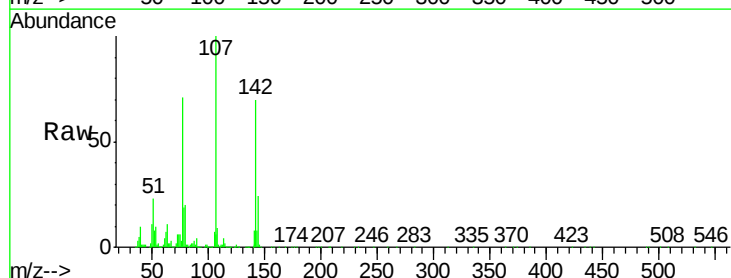
Manual Integrations

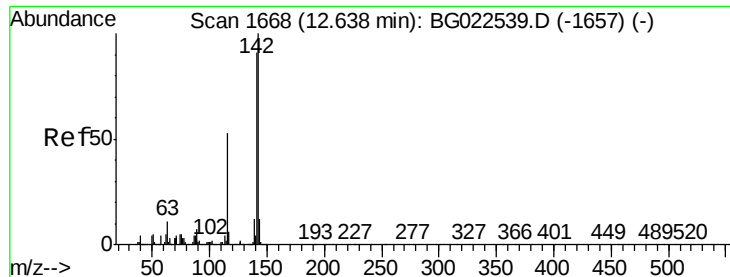
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#36
 4-Chloro-3-methylphenol
 Concen: 42.59 ng
 RT: 12.25 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	17.0	25.6
142	70.0	53.0	79.6





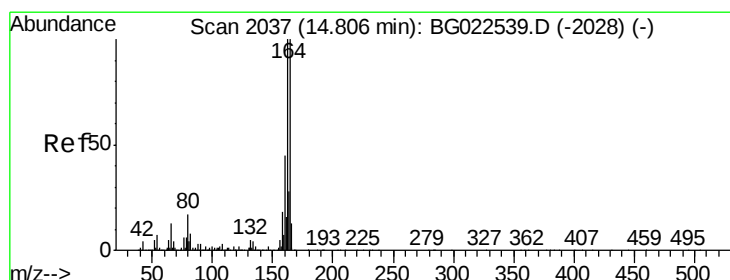
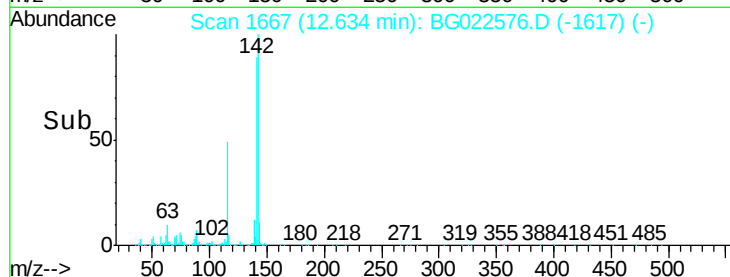
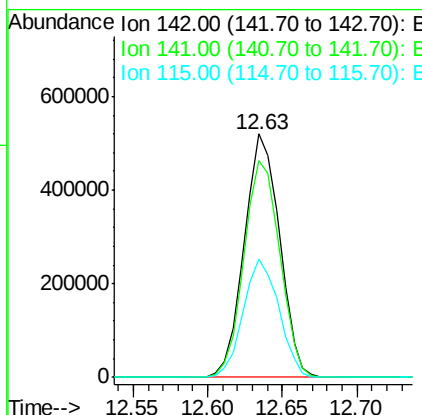
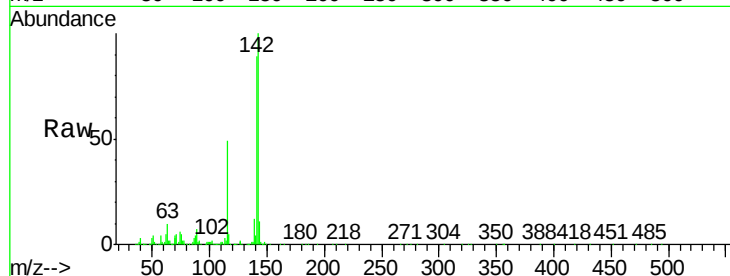
#37
2-Methylnaphthalene
Concen: 37.48 ng
RT: 12.63 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.2
115	48.6	41.7	62.5

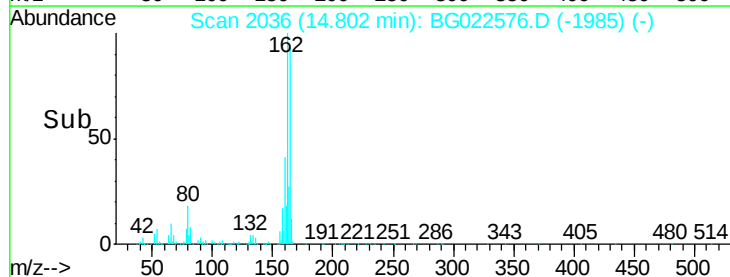
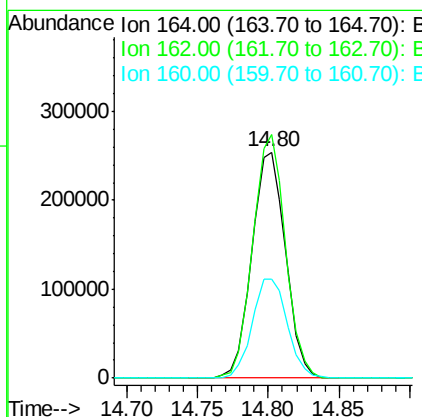
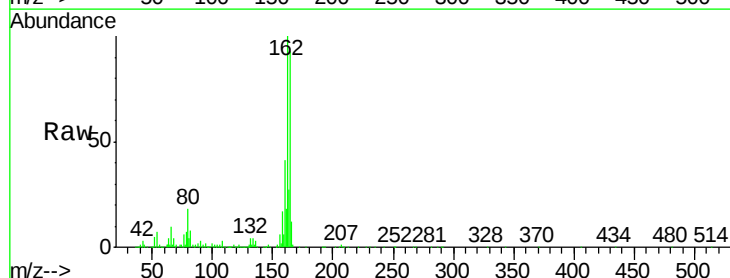
Manual Integrations

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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	87.7	131.5
160	43.8	37.2	55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.65 ng

RT: 13.00 min Scan# 1729

Delta R.T. 0.00 min

Lab File: BG022576.D

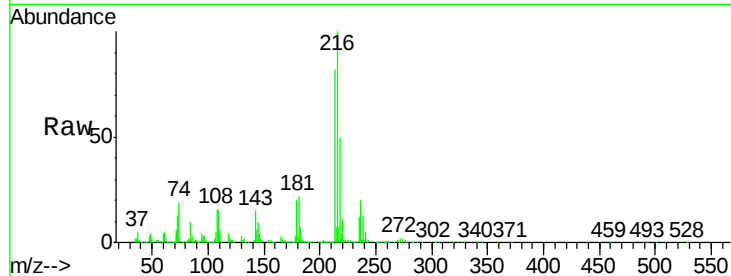
Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

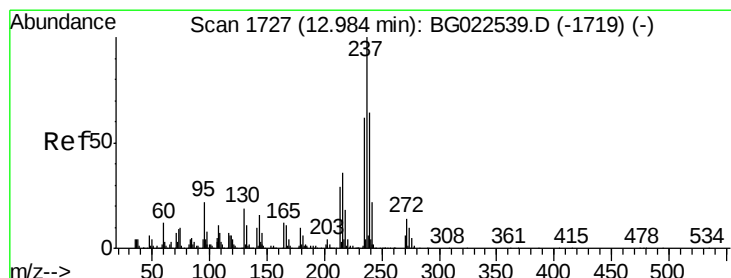
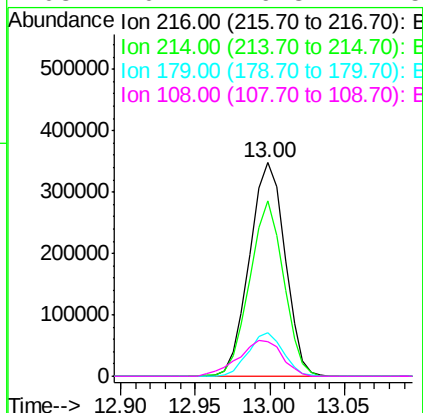
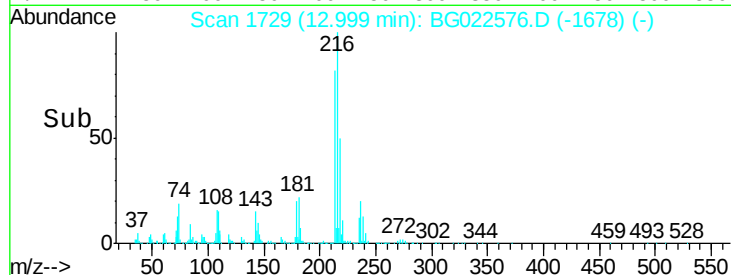
PB91578BSD



Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.9	94.3
179	20.0	17.2	25.8
108	20.7	16.3	24.5

Manual Integrations

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#40

Hexachlorocyclopentadiene

Concen: 64.95 ng

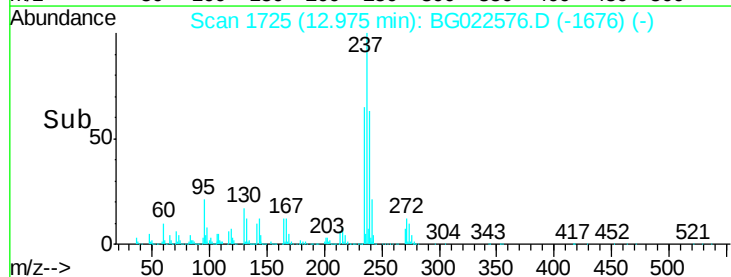
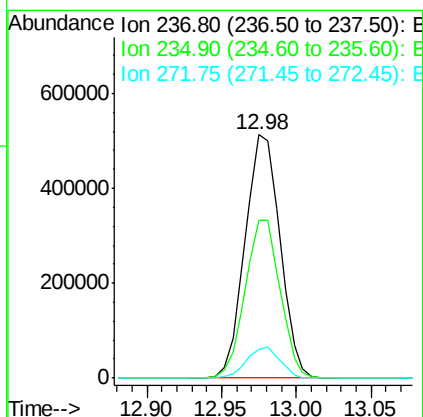
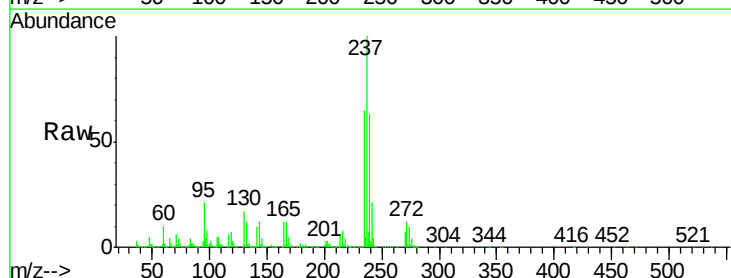
RT: 12.98 min Scan# 1725

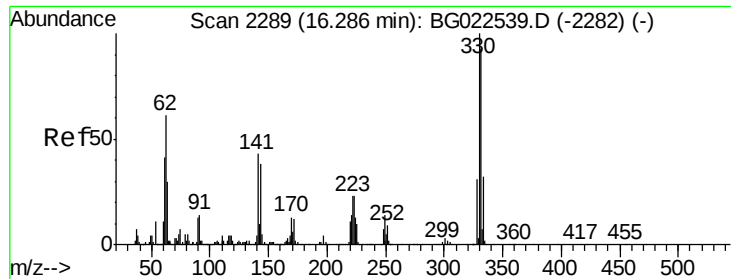
Delta R.T. -0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.1	83.1
272	11.9	0.0	30.9





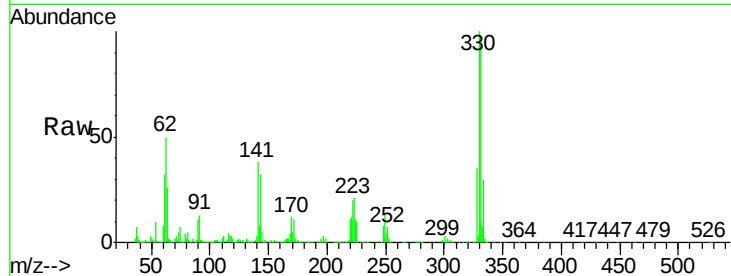
#41
 2,4,6-Tribromophenol
 Concen: 81.58 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

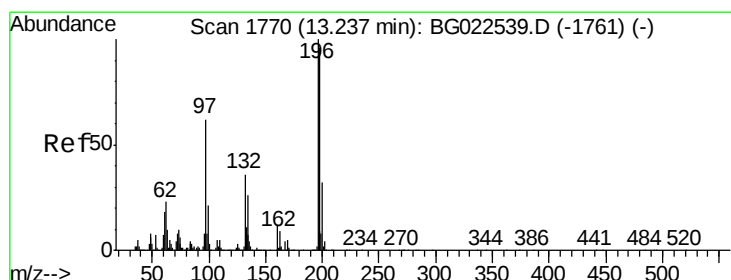
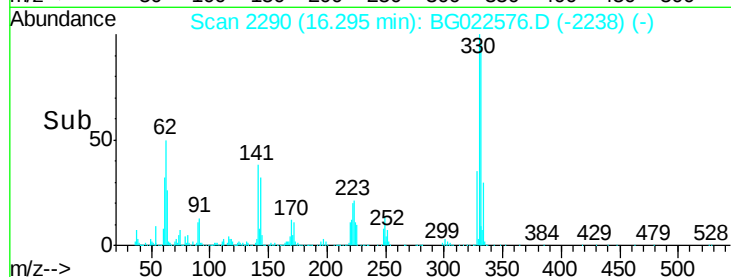
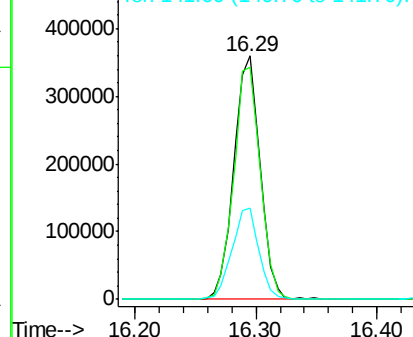
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	544455		
332	97.1	77.4	116.2	
141	38.5	31.7	47.5	

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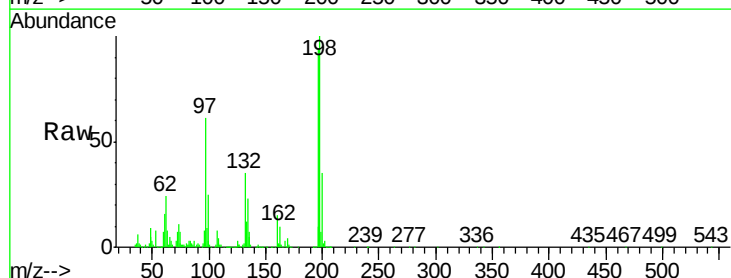


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

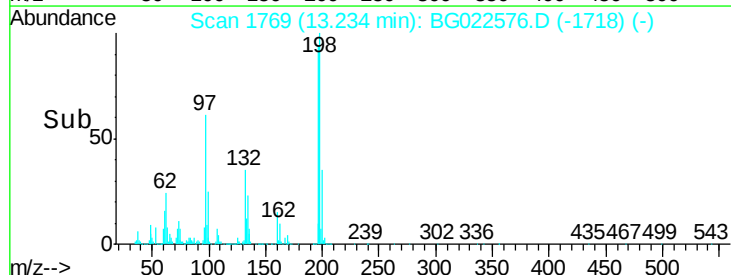
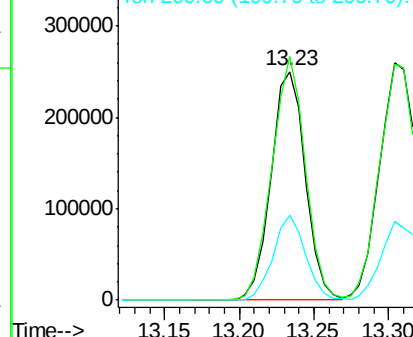


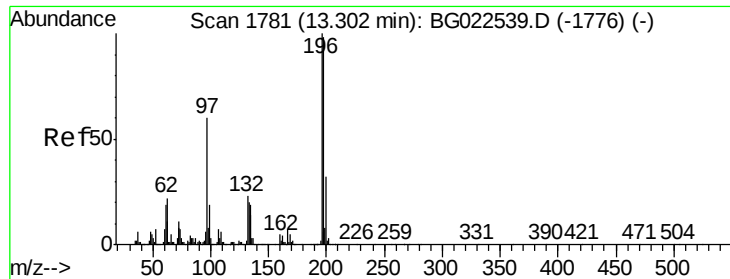
#42
 2,4,6-Trichlorophenol
 Concen: 38.76 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	398159		
198	106.7	78.2	117.2	
200	37.3	27.0	40.4	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





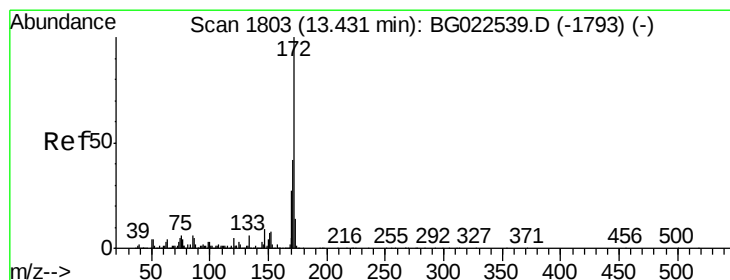
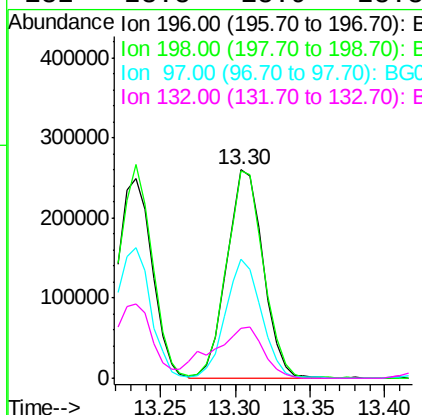
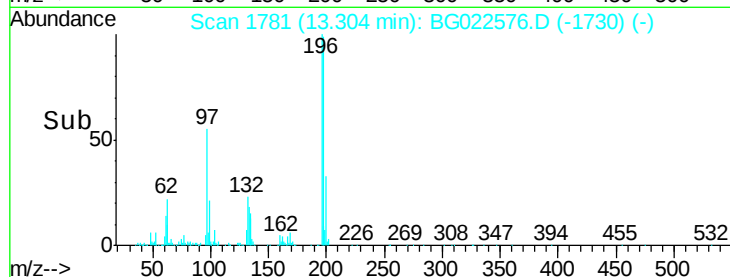
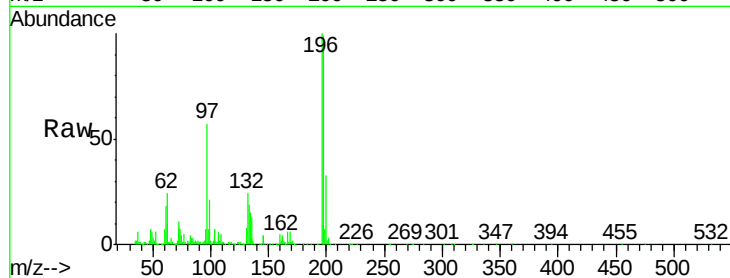
#43
2,4,5-Trichlorophenol
Concen: 41.21 ng
RT: 13.30 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:196 Resp: 442947
Ion Ratio Lower Upper
196 100
198 99.5 85.7 128.5
97 57.4 45.5 68.3
132 23.8 18.9 28.3

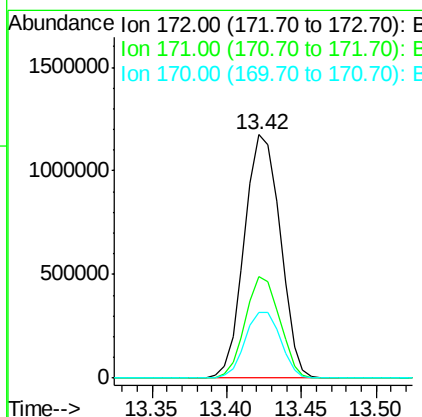
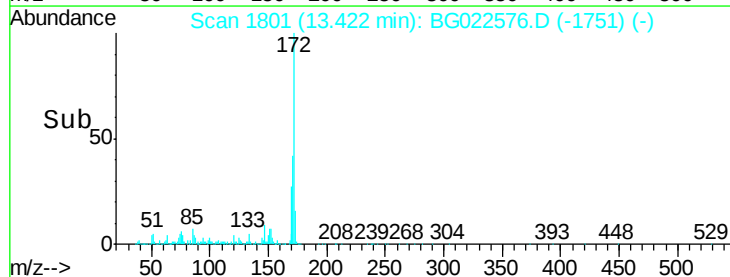
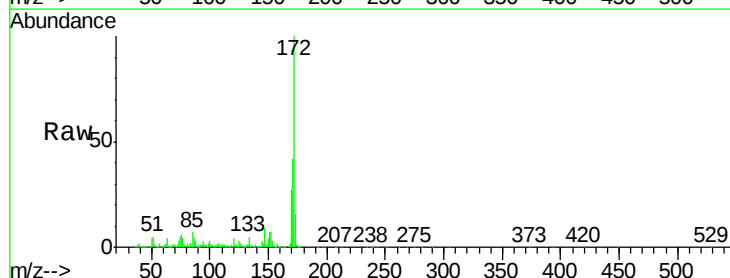
Manual Integrations

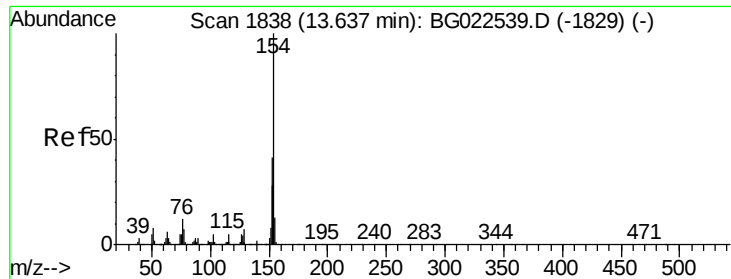
sohil
6/27/2016 4:01:40 PM



#44
2-Fluorobiphenyl
Concen: 73.09 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:172 Resp: 1955499
Ion Ratio Lower Upper
172 100
171 41.5 31.6 47.4
170 27.1 21.3 31.9





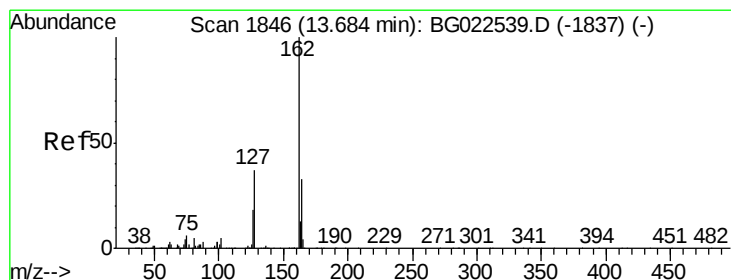
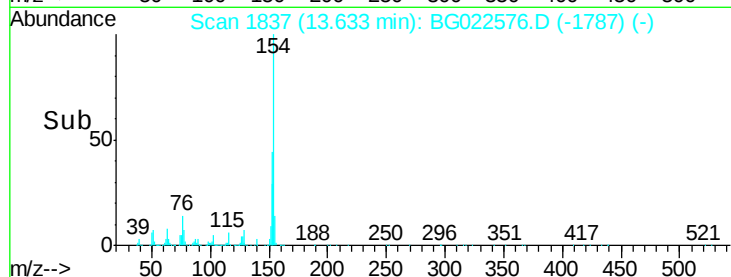
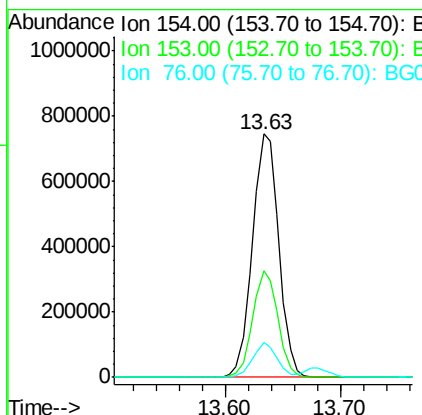
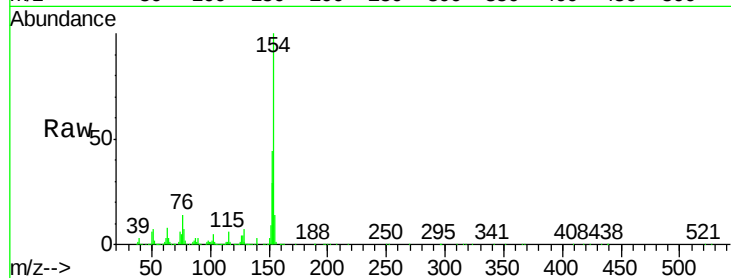
#45
1,1'-Biphenyl
Concen: 36.66 ng
RT: 13.63 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	20.2	60.2
76	14.3	0.0	32.9

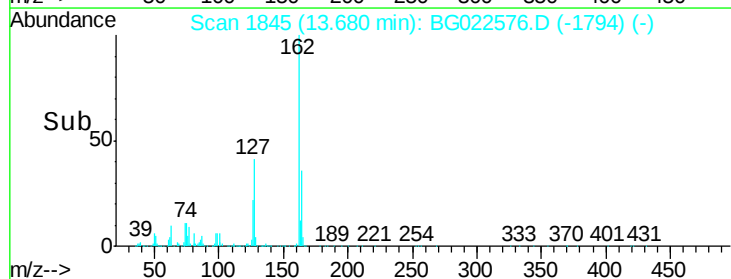
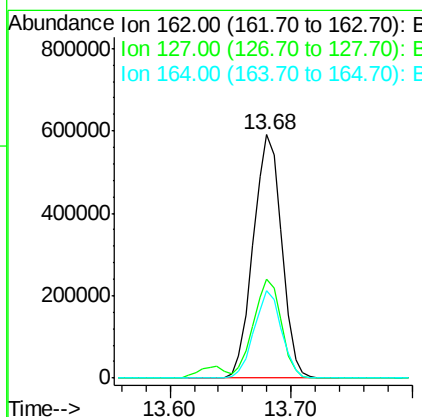
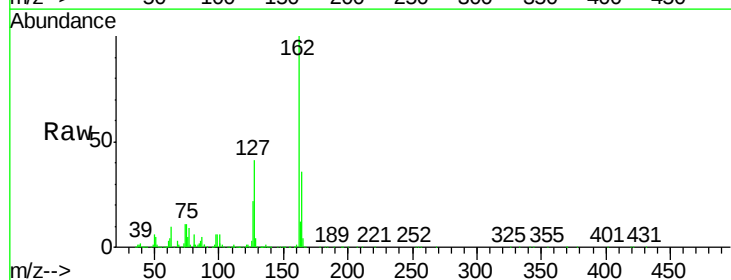
Manual Integrations

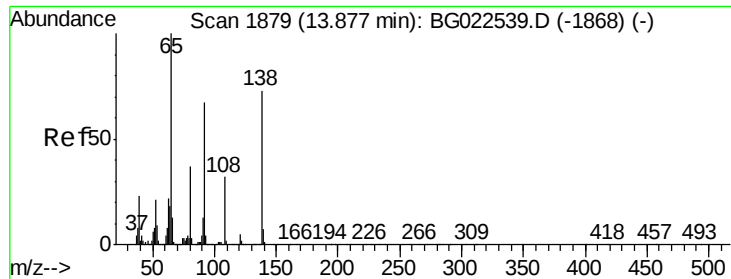
sohil
6/27/2016 4:01:40 PM



#46
2-Chloronaphthalene
Concen: 36.43 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.4	48.6
164	36.2	25.2	37.8





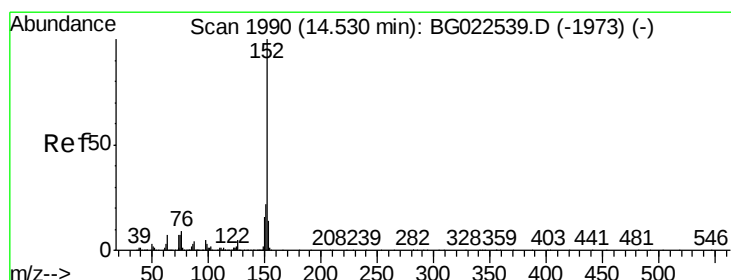
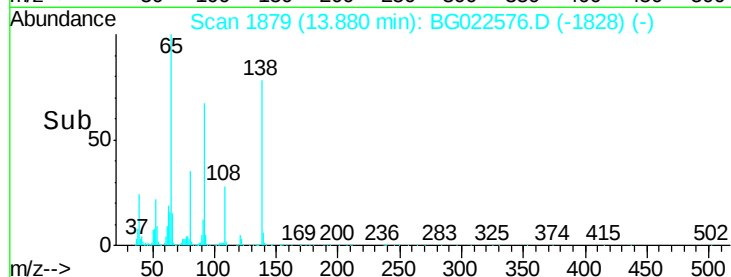
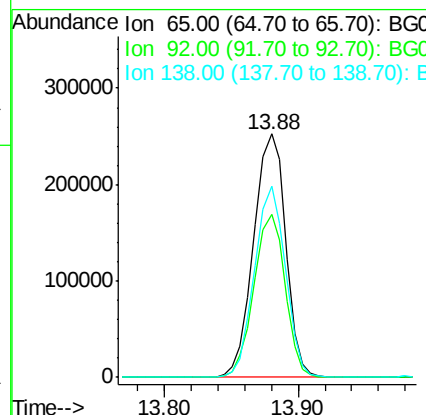
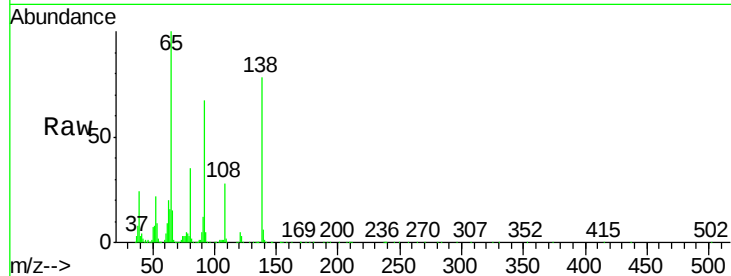
#47
2-Nitroaniline
Concen: 40.66 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	49.4	74.0
138	78.5	58.0	87.0

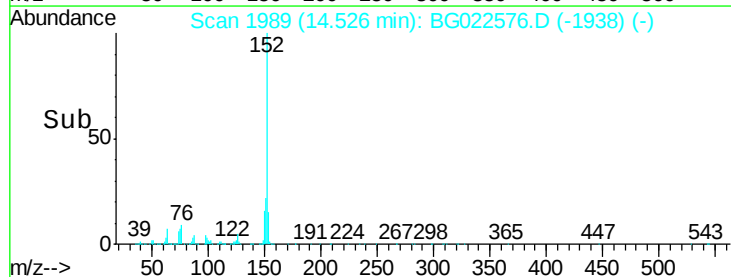
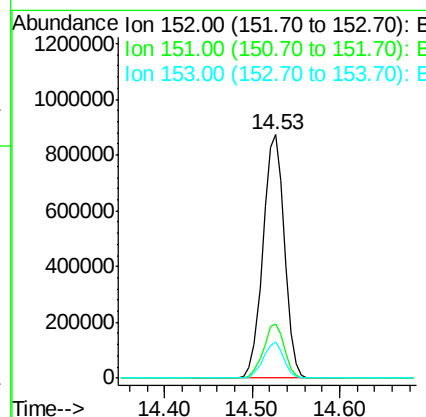
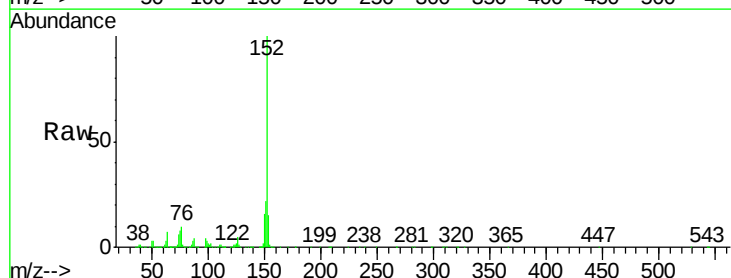
Manual Integrations

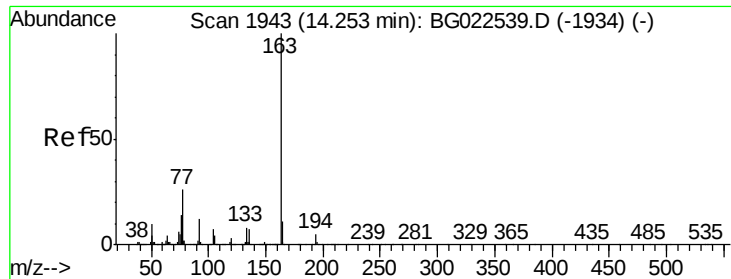
sohil
6/27/2016 4:01:40 PM



#48
Acenaphthylene
Concen: 37.98 ng
RT: 14.53 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.6	26.4
153	14.9	11.4	17.2





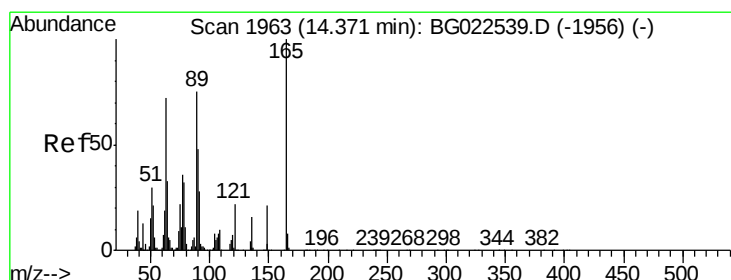
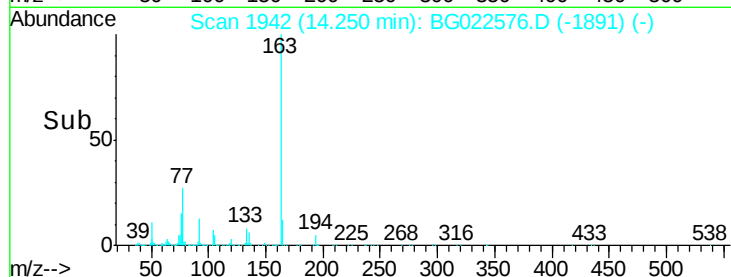
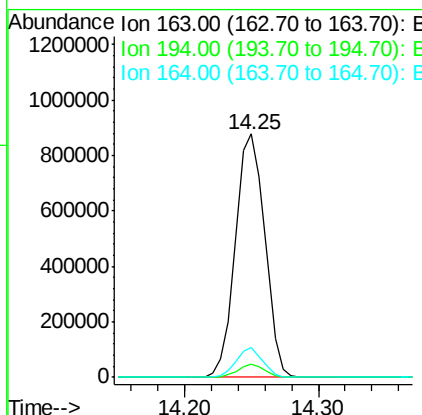
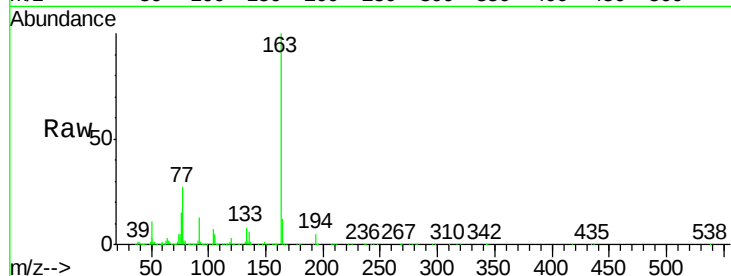
#49
Dimethylphthalate
Concen: 38.14 ng
RT: 14.25 min Scan# 1942
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.6	5.4
164	12.4	8.1	12.1

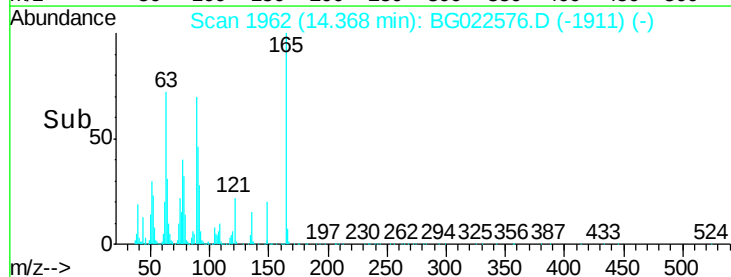
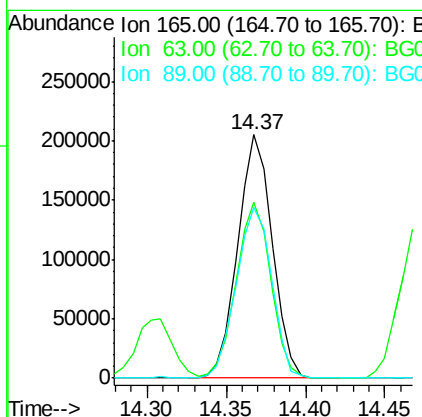
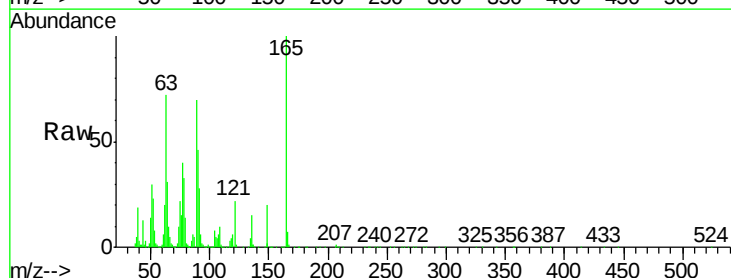
Manual Integrations

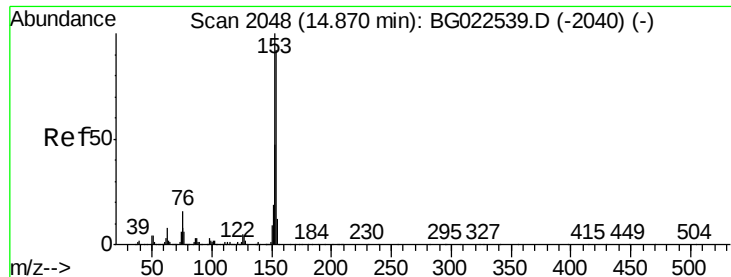
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6/27/2016 4:01:40 PM



#50
2,6-Dinitrotoluene
Concen: 40.40 ng
RT: 14.37 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	72.3	64.3	96.5
89	70.2	64.3	96.5





#51

Acenaphthene

Concen: 35.26 ng

RT: 14.87 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion:154 Resp: 1001987

Ion Ratio Lower Upper

154 100

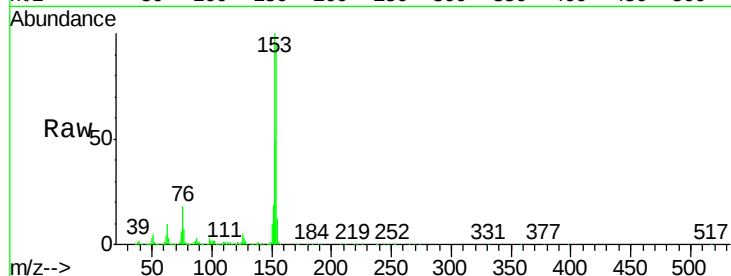
153 105.5 87.5 131.3

152 51.4 42.7 64.1

Manual Integrations

sohil

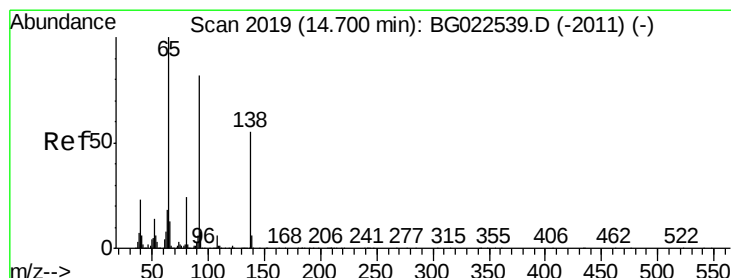
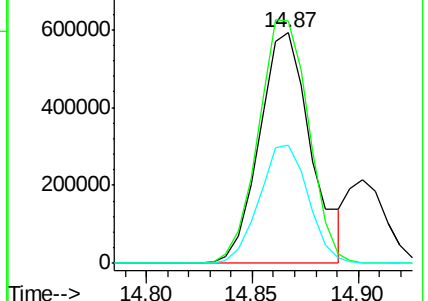
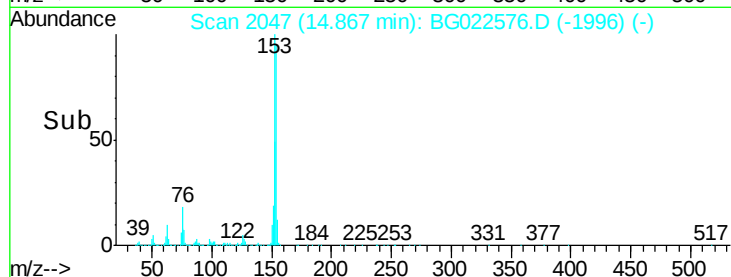
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.48 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

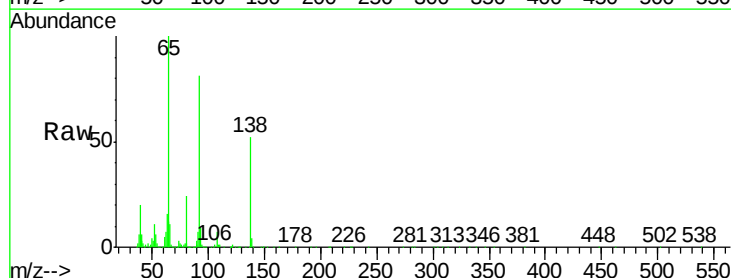
Tgt Ion:138 Resp: 189503

Ion Ratio Lower Upper

138 100

108 14.1 11.7 17.5

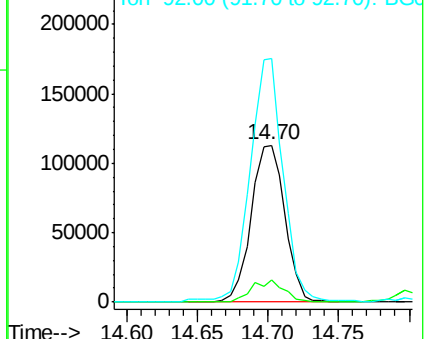
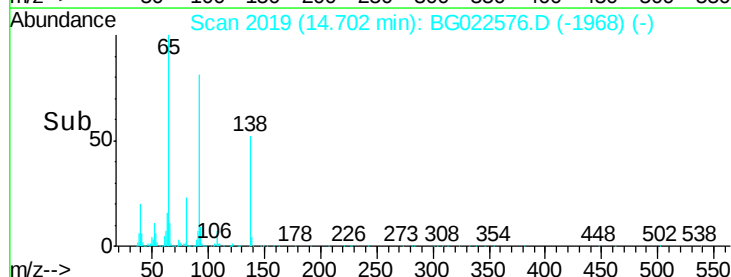
92 155.5 129.7 194.5

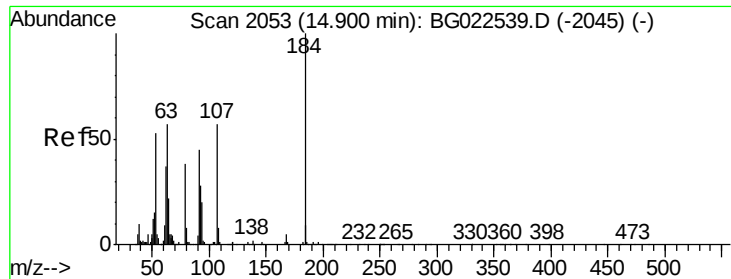


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





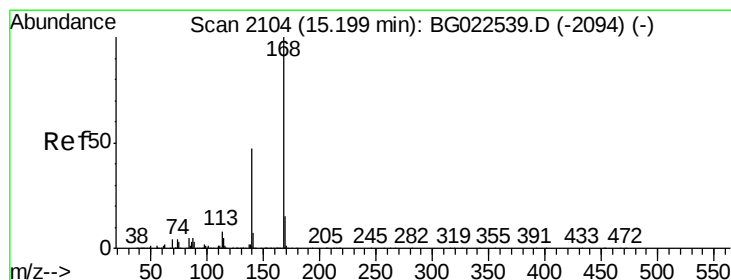
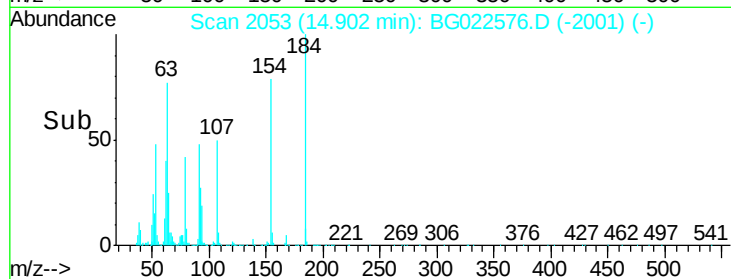
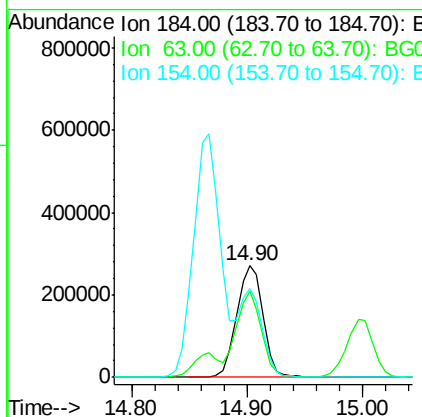
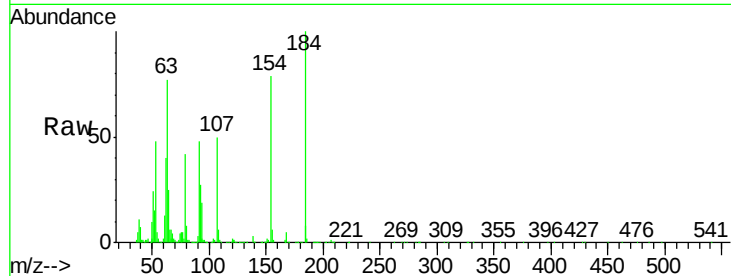
#53
2,4-Dinitrophenol
Concen: 90.39 ng
RT: 14.90 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:184 Resp: 425830
Ion Ratio Lower Upper
184 100
63 77.1 59.6 89.4
154 79.3 67.4 101.0

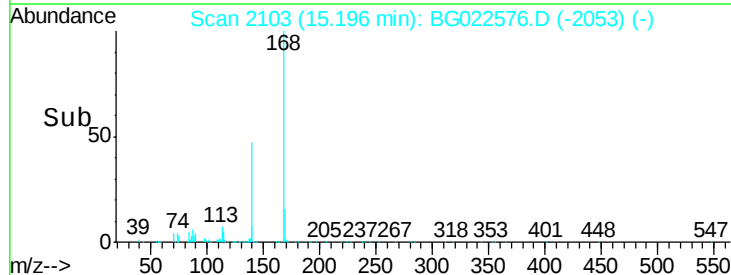
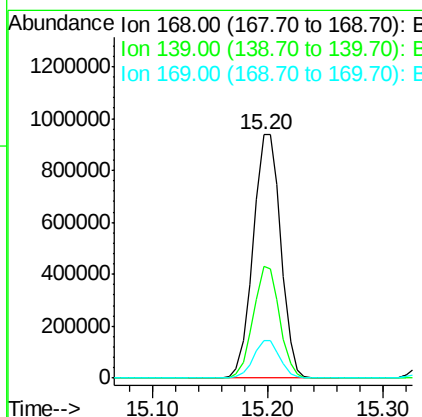
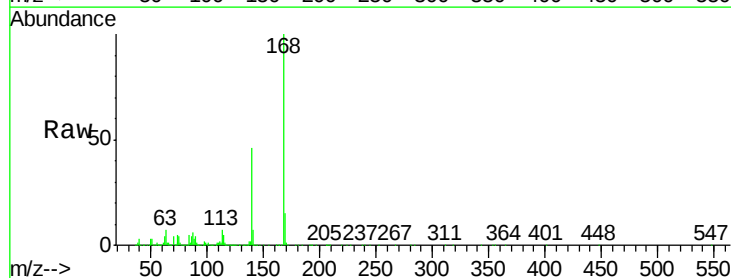
Manual Integrations

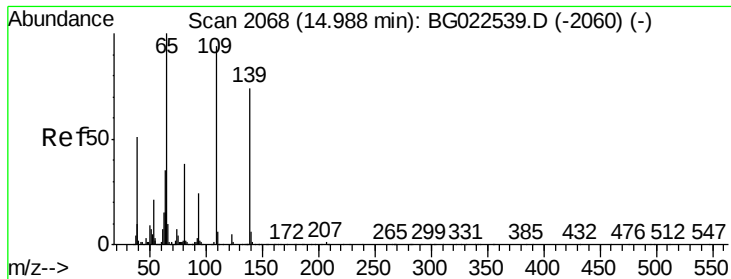
sohil
6/27/2016 4:01:40 PM



#54
Dibenzofuran
Concen: 37.96 ng
RT: 15.20 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:168 Resp: 1562485
Ion Ratio Lower Upper
168 100
139 46.2 36.4 54.6
169 15.4 11.9 17.9





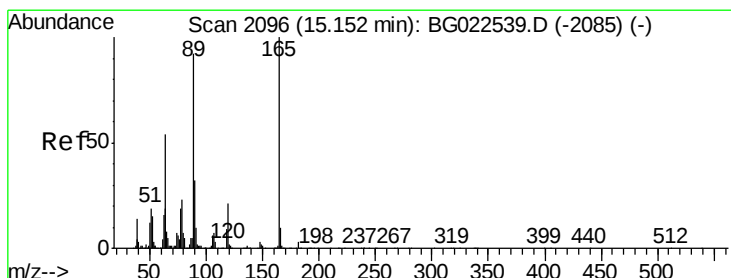
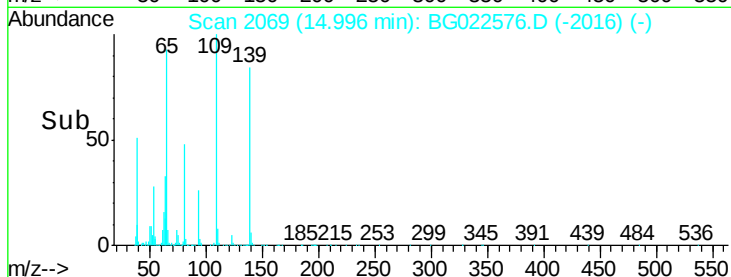
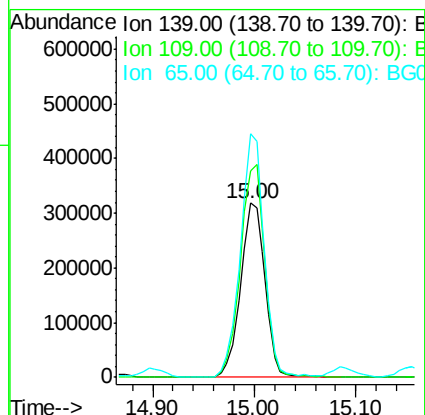
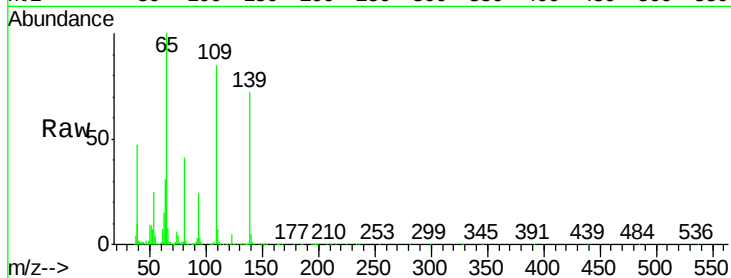
#55
4-Nitrophenol
Concen: 87.99 ng
RT: 15.00 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	118.3	103.0	143.0	
65	139.6	112.7	152.7	

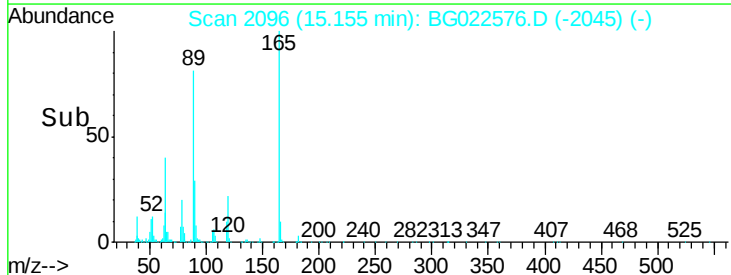
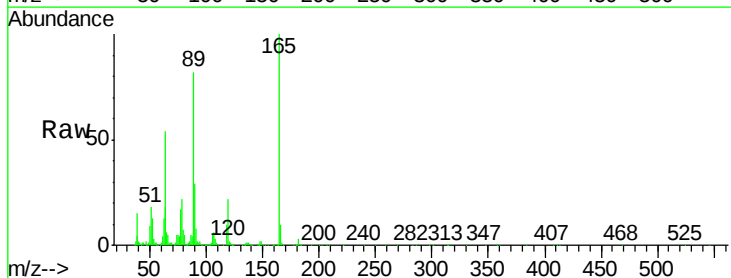
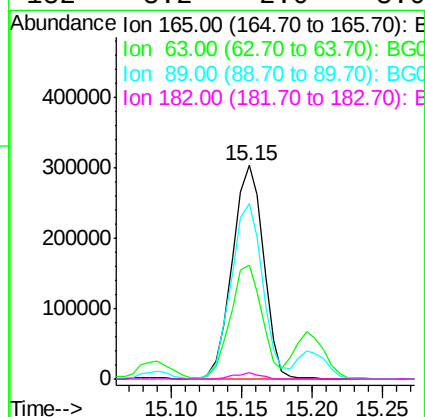
Manual Integrations

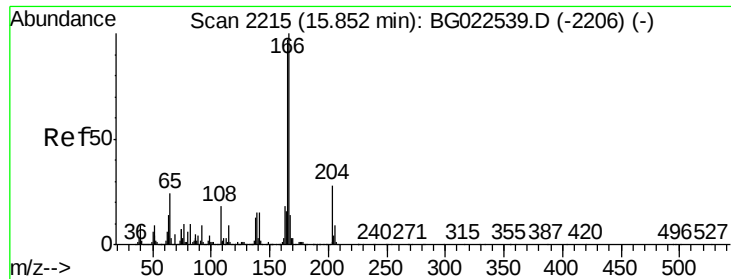
sohil
6/27/2016 4:01:40 PM



#56
2,4-Dinitrotoluene
Concen: 44.03 ng
RT: 15.15 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.5	45.8	68.6	
89	82.4	68.6	102.8	
182	3.2	2.0	3.0	#





#57

Fluorene

Concen: 38.08 ng

RT: 15.85 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion:166 Resp: 1250695

Ion Ratio Lower Upper

166 100

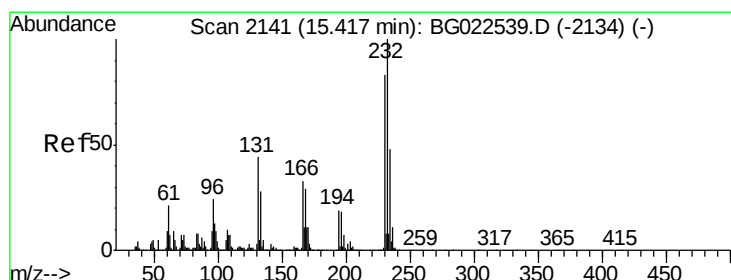
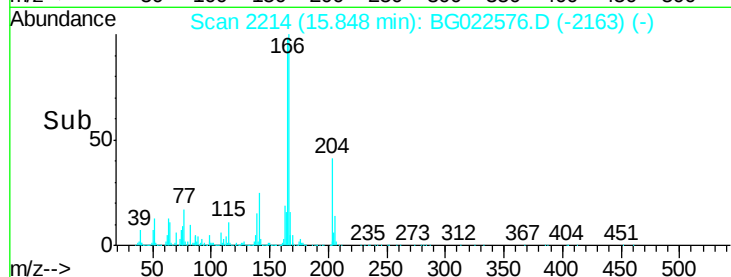
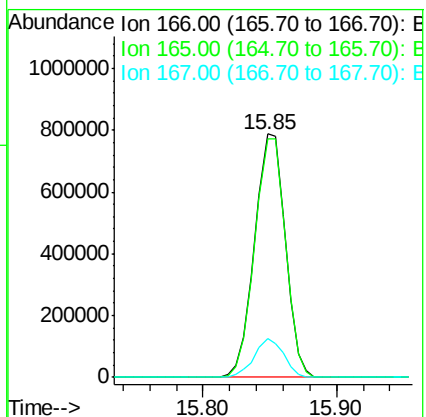
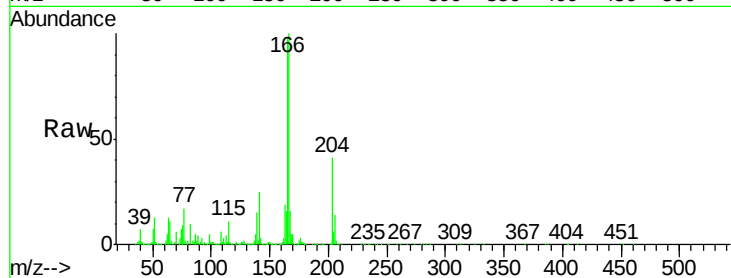
165 97.7 81.0 121.6

167 16.0 12.0 18.0

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.52 ng

RT: 15.42 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:232 Resp: 451580

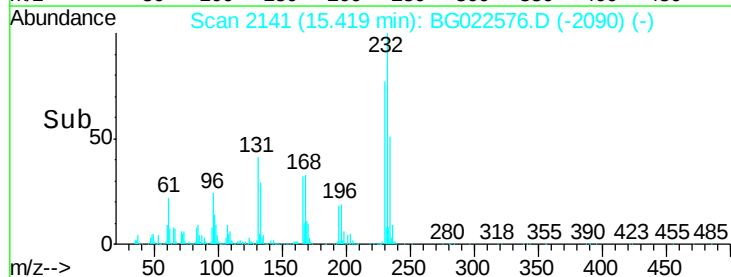
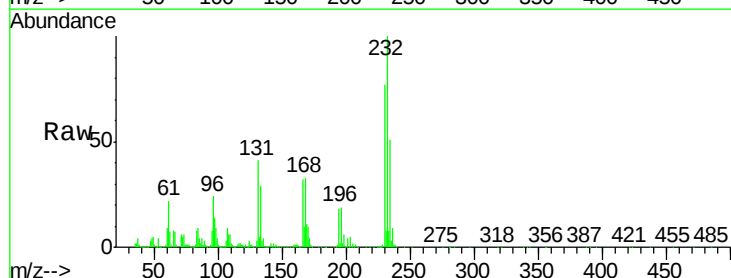
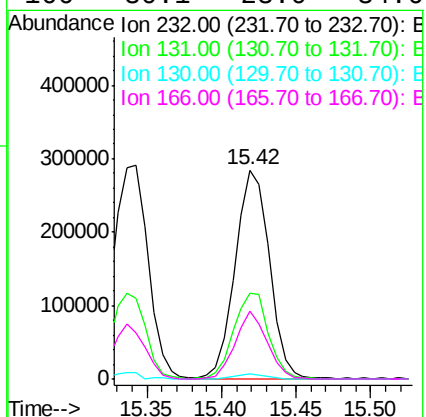
Ion Ratio Lower Upper

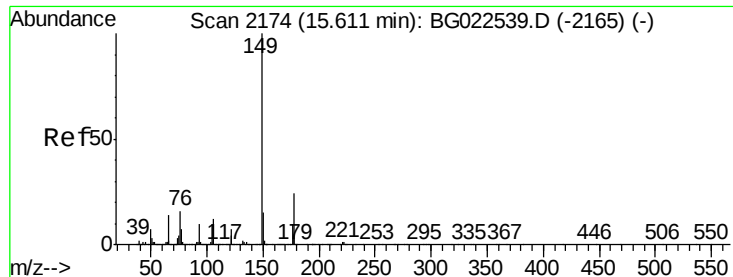
232 100

131 42.2 32.7 49.1

130 2.4 2.6 3.8#

166 30.1 23.0 34.6





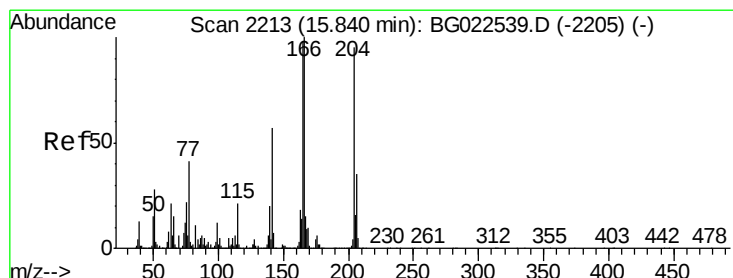
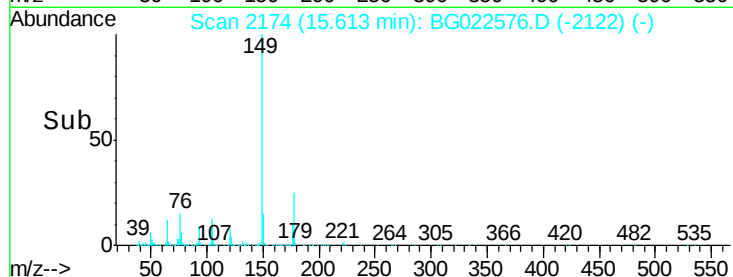
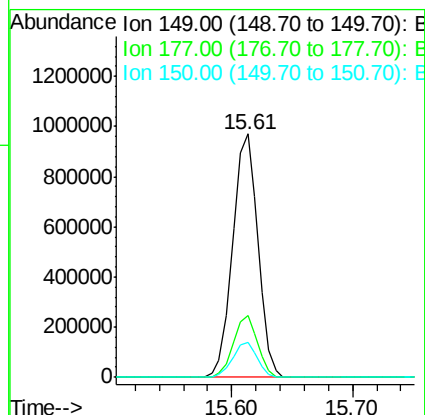
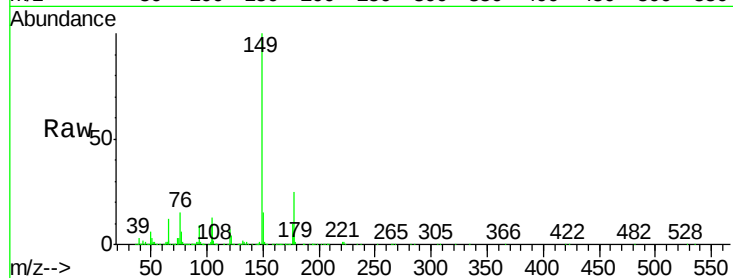
#59
Diethylphthalate
Concen: 38.95 ng
RT: 15.61 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	19.2	28.8
150	14.5	10.6	16.0

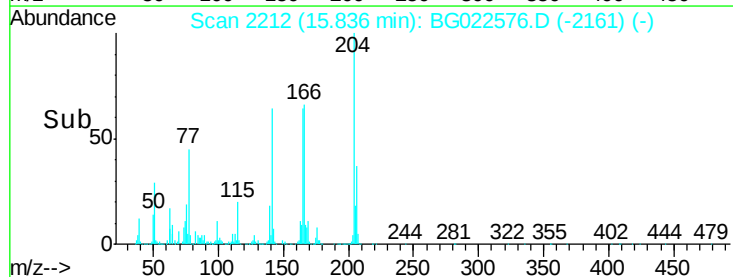
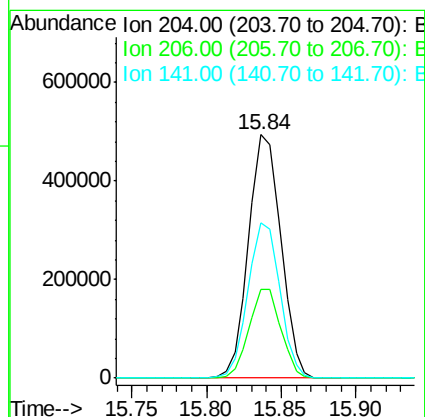
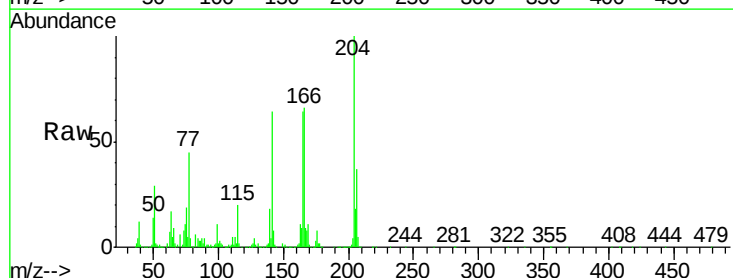
Manual Integrations

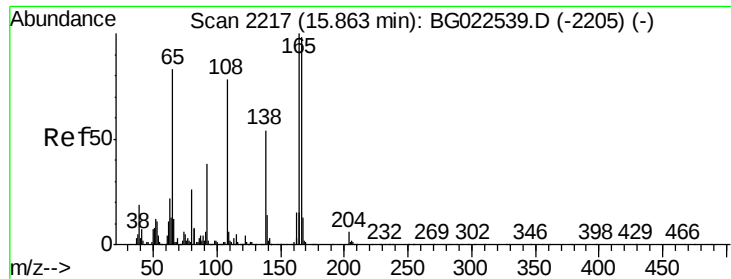
sohil
6/27/2016 4:01:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.84 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.7	28.5	42.7
141	63.9	51.4	77.0





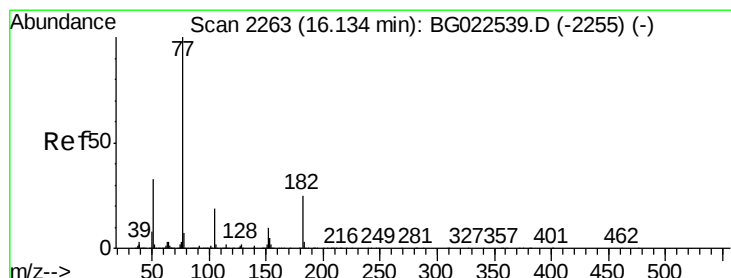
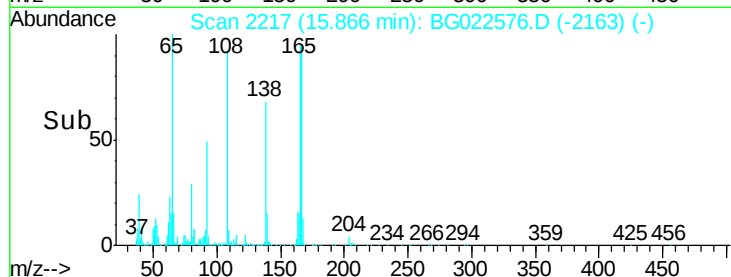
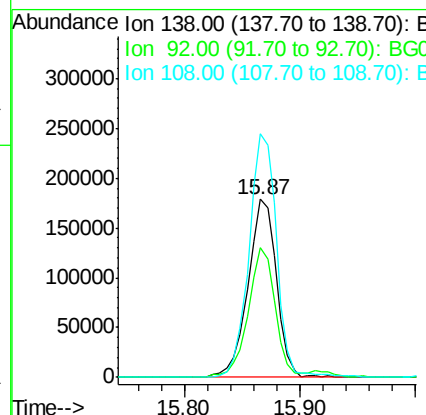
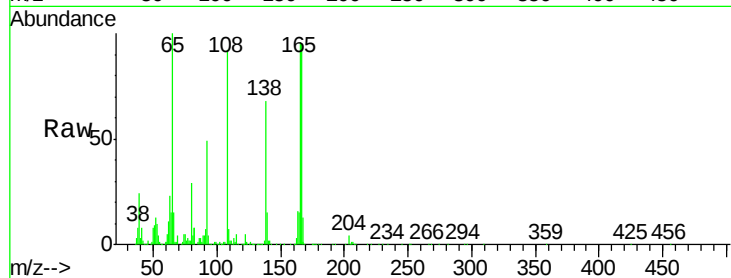
#61
4-Nitroaniline
Concen: 41.49 ng
RT: 15.87 min Scan# 2217
Delta R.T. 0.02 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	72.5	54.1	94.1
108	136.6	133.9	173.9

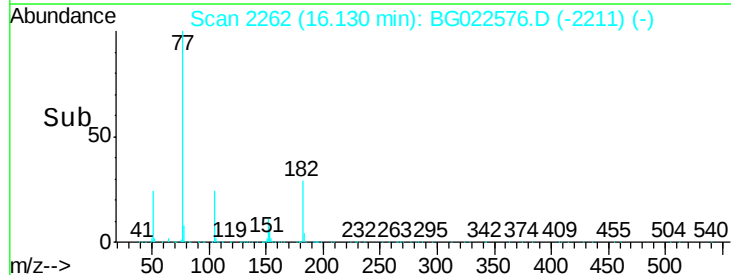
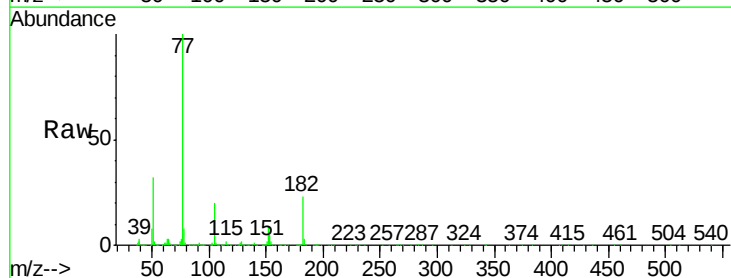
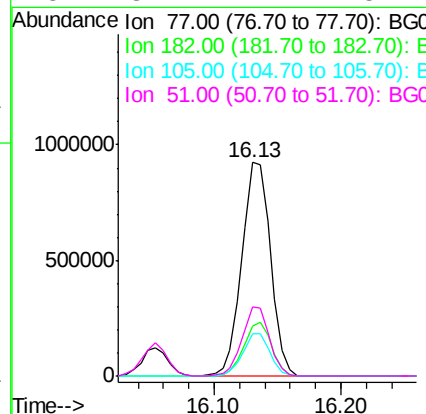
Manual Integrations

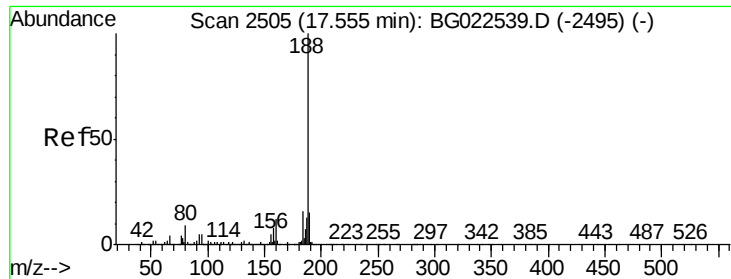
sohil
6/27/2016 4:01:40 PM



#62
Azobenzene
Concen: 36.95 ng
RT: 16.13 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.4	3.5	43.5
105	20.0	0.0	38.5
51	32.2	17.1	57.1





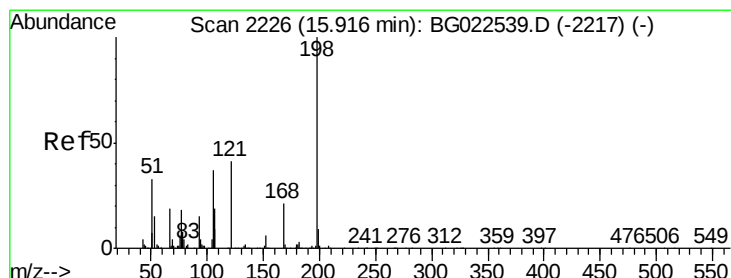
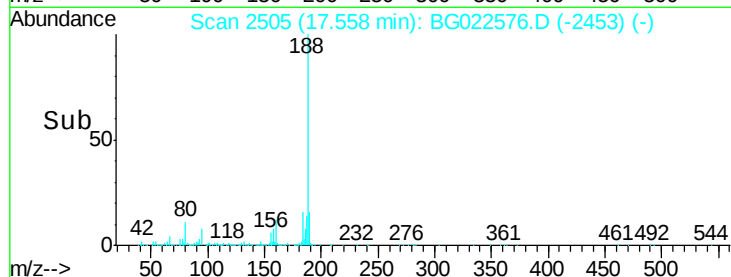
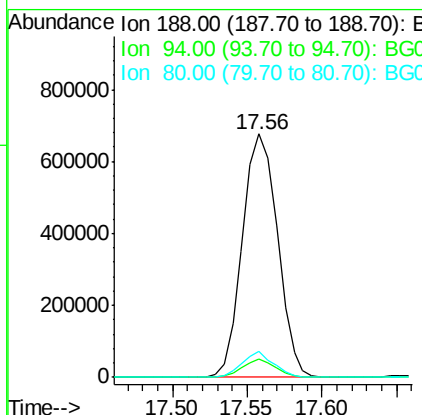
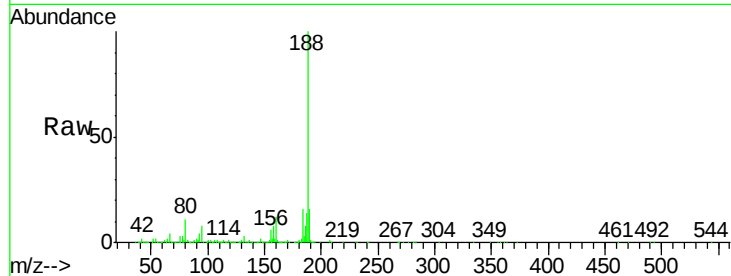
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:188 Resp: 1105212
Ion Ratio Lower Upper
188 100
94 7.6 5.2 7.8
80 10.7 7.2 10.8

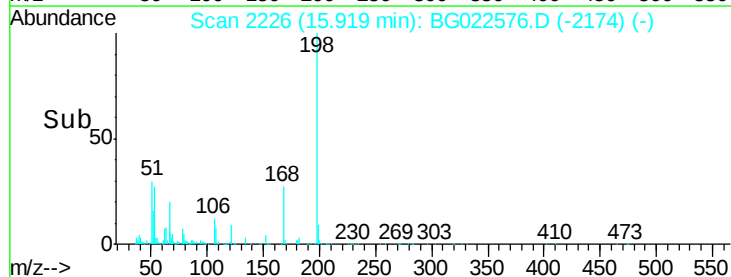
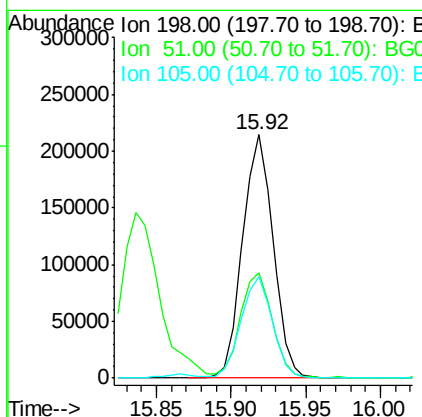
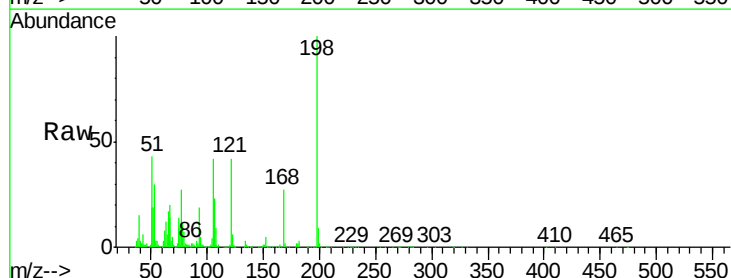
Manual Integrations

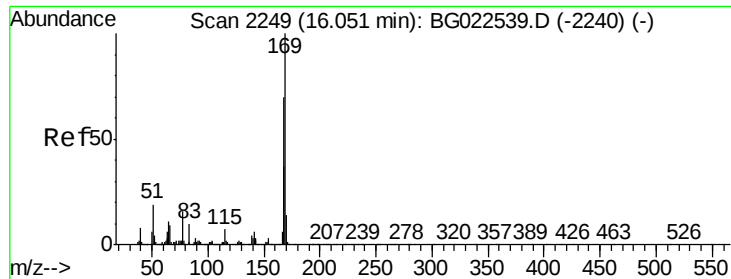
sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.04 ng
RT: 15.92 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:198 Resp: 304223
Ion Ratio Lower Upper
198 100
51 43.4 26.0 66.0
105 41.8 20.1 60.1





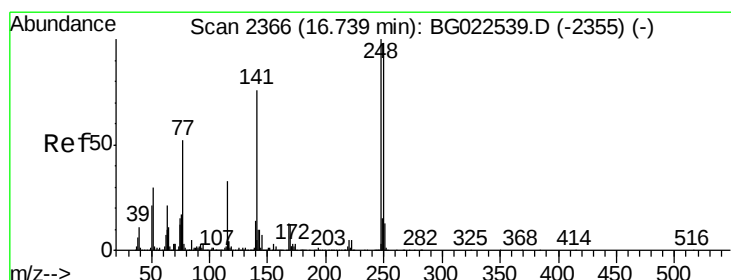
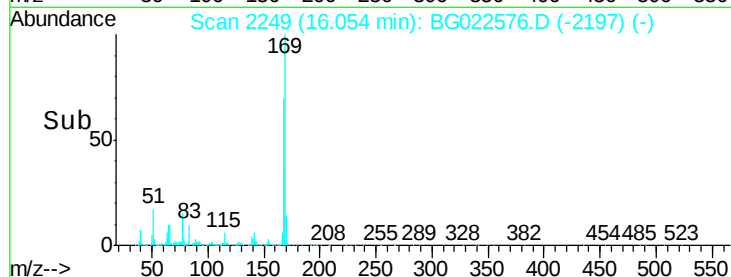
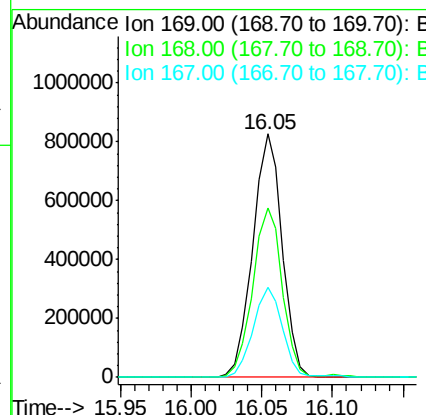
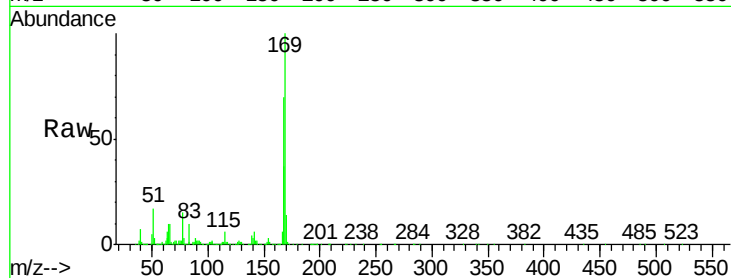
#65
n-Nitrosodiphenylamine
Concen: 37.65 ng
RT: 16.05 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:169 Resp: 1211034
Ion Ratio Lower Upper
169 100
168 69.7 55.0 82.4
167 37.1 27.4 41.0

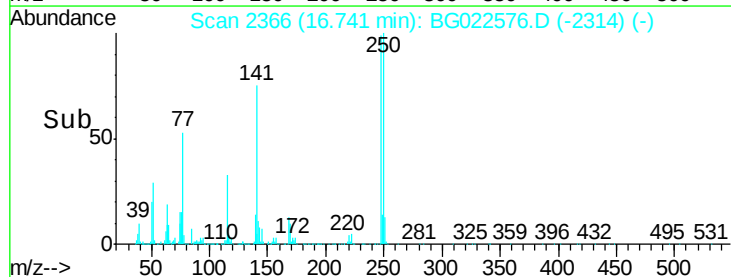
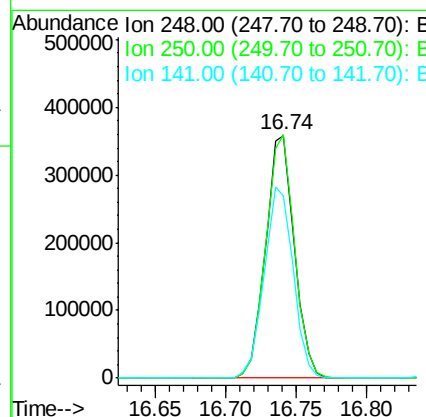
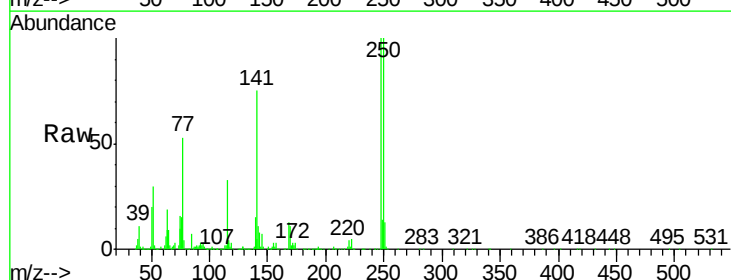
Manual Integrations

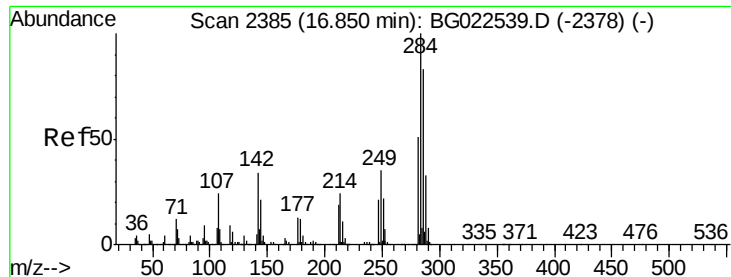
sohil
6/27/2016 4:01:40 PM



#66
4-Bromophenyl-phenylether
Concen: 35.88 ng
RT: 16.74 min Scan# 2366
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:248 Resp: 514462
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.8
141 75.3 65.7 98.5





#67

Hexachlorobenzene

Concen: 37.25 ng

RT: 16.85 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

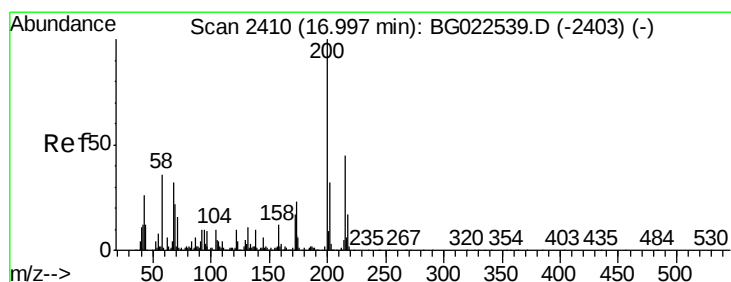
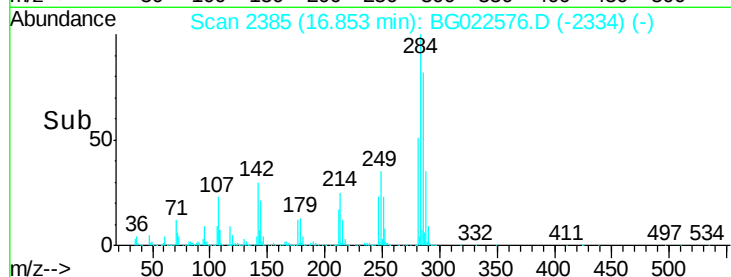
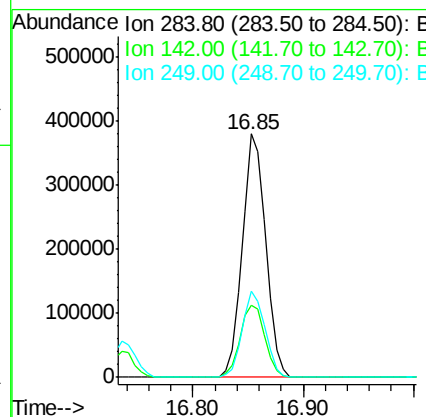
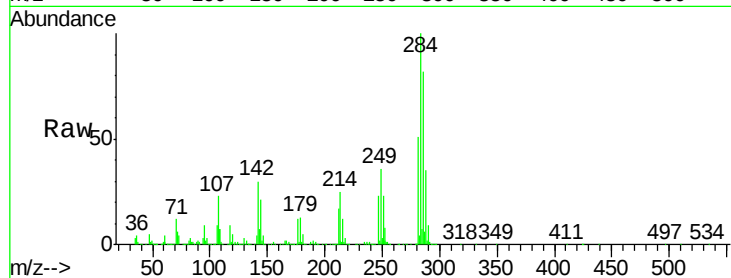
PB91578BSD

Tgt Ion:	284	Resp:	564709
Ion Ratio	Lower	Upper	
284	100		
142	29.7	26.8	40.2
249	38.8	28.9	43.3

Manual Integrations

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#68

Atrazine

Concen: 33.47 ng

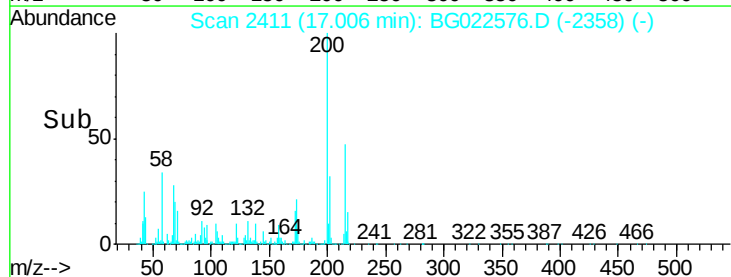
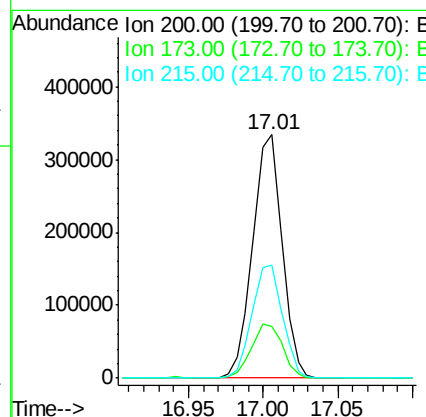
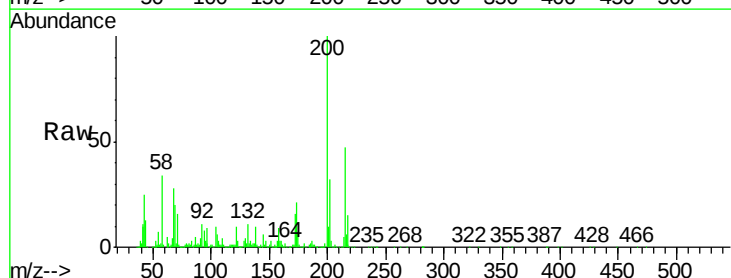
RT: 17.01 min Scan# 2411

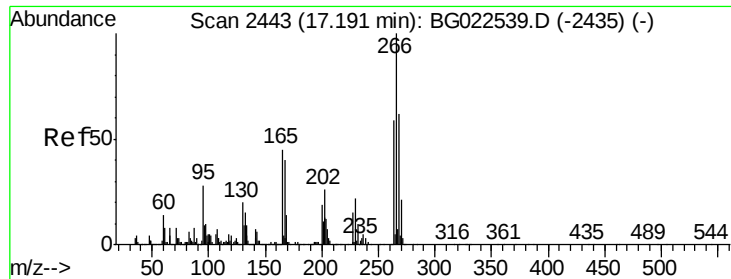
Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:	200	Resp:	454532
Ion Ratio	Lower	Upper	
200	100		
173	21.0	1.6	41.6
215	46.6	28.7	68.7





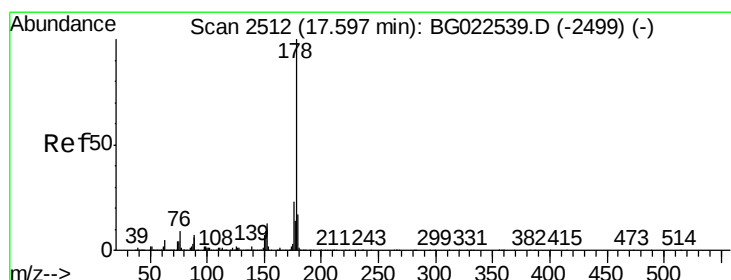
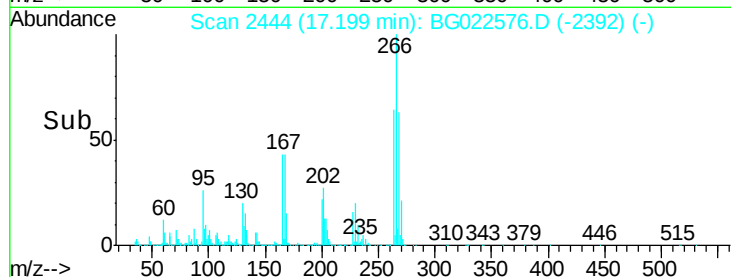
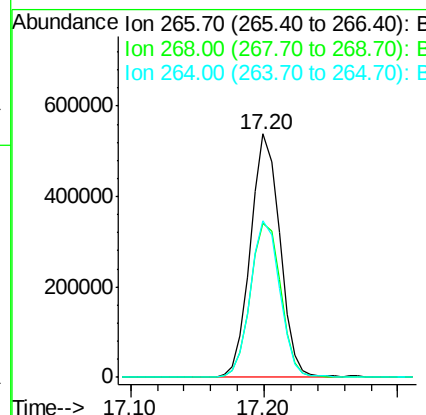
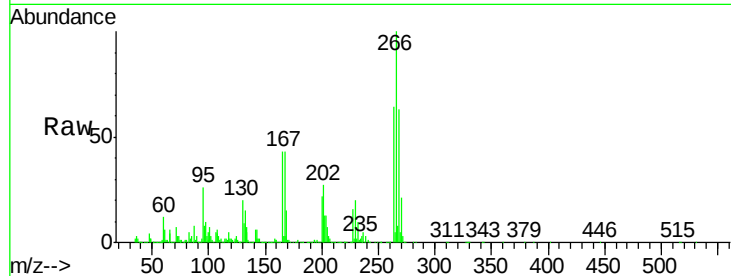
#69
 Pentachlorophenol
 Concen: 78.30 ng
 RT: 17.20 min Scan# 2444
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.9	77.9
264	64.1	50.6	75.8

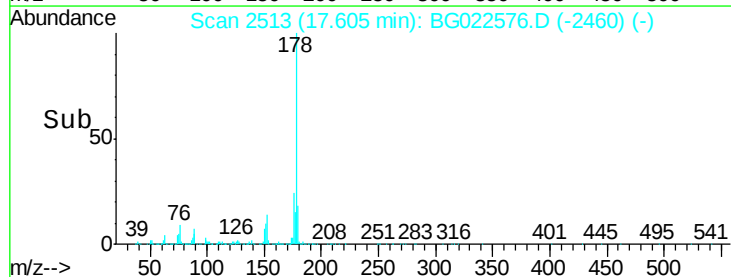
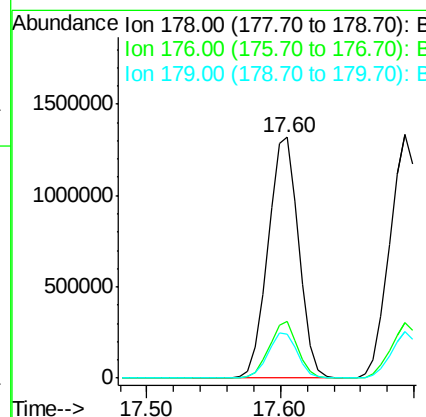
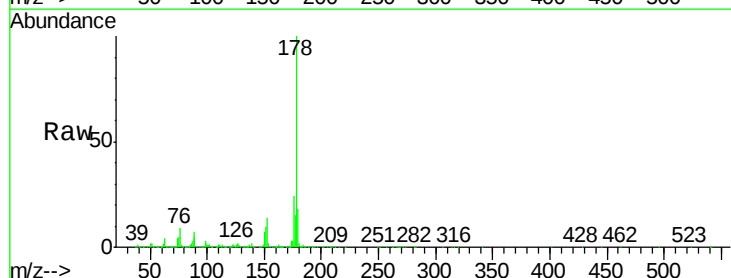
Manual Integrations

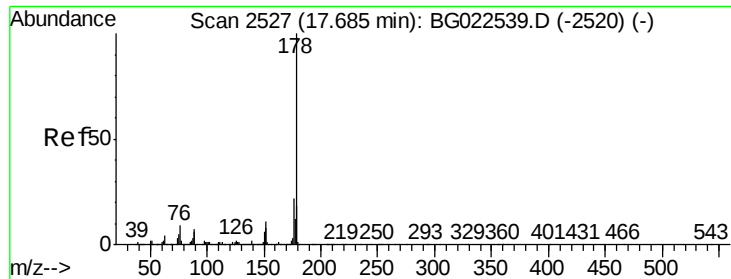
sohil
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#70
 Phenanthrene
 Concen: 37.15 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.6	16.8	25.2
179	18.4	14.3	21.5





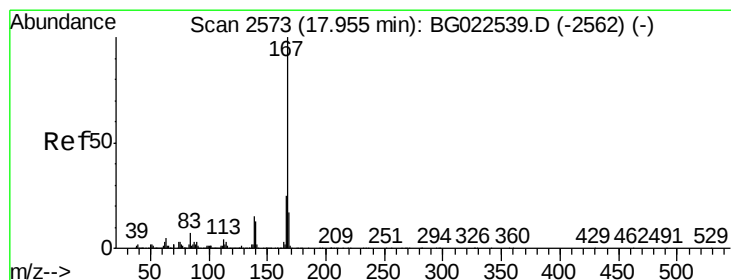
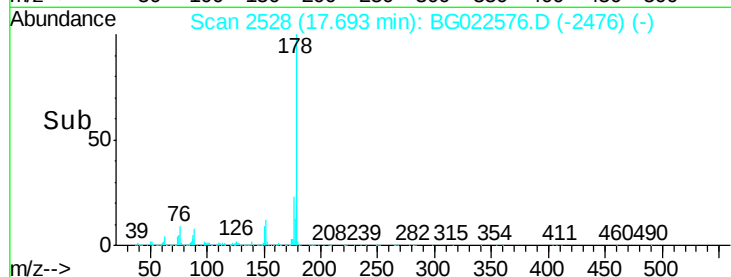
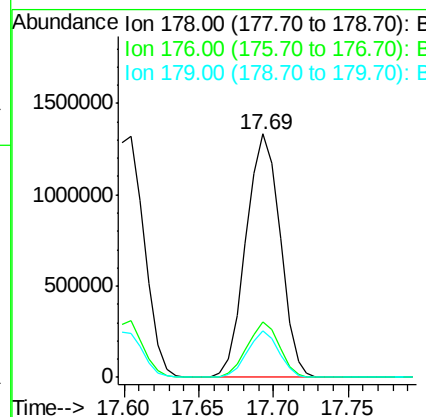
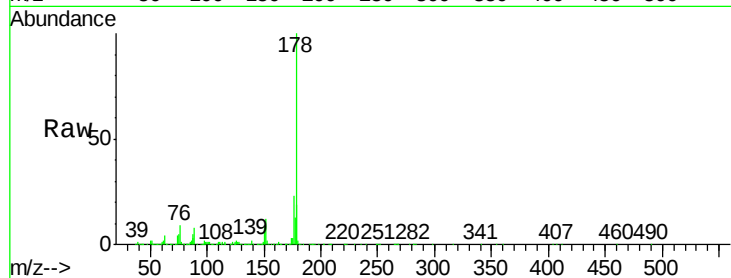
#71
 Anthracene
 Concen: 36.39 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion:178 Resp: 2110733
 Ion Ratio Lower Upper
 178 100
 176 22.9 17.3 25.9
 179 19.2 14.0 21.0

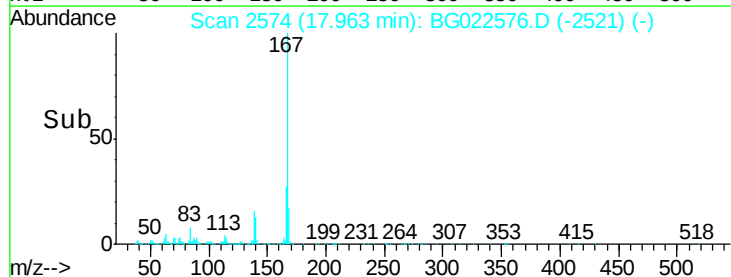
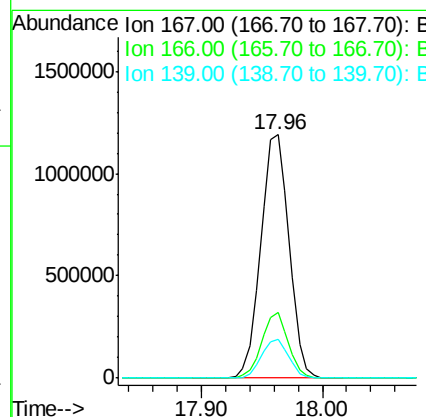
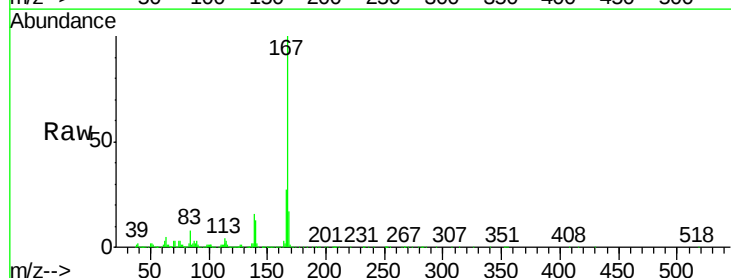
Manual Integrations

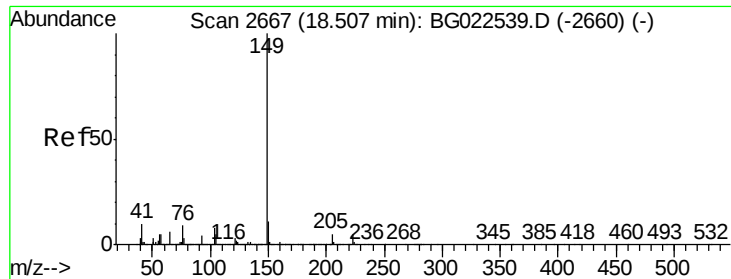
sohil
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#72
 Carbazole
 Concen: 39.26 ng
 RT: 17.96 min Scan# 2574
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:167 Resp: 1930537
 Ion Ratio Lower Upper
 167 100
 166 26.7 20.7 31.1
 139 16.0 11.9 17.9





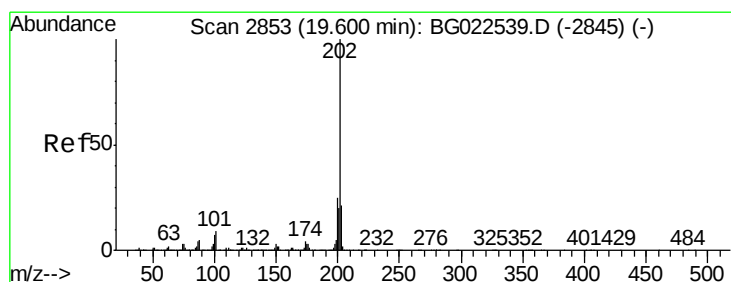
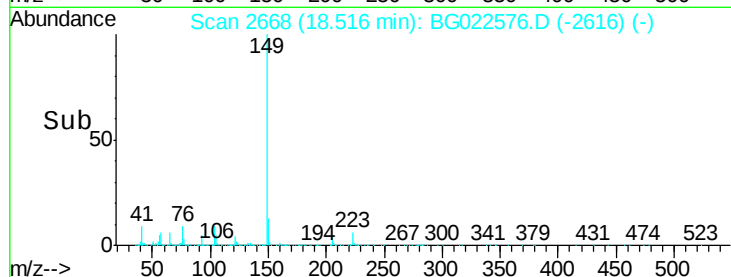
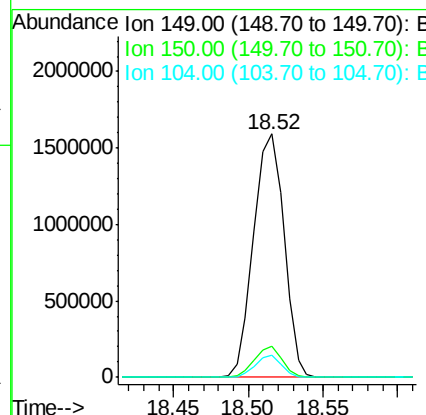
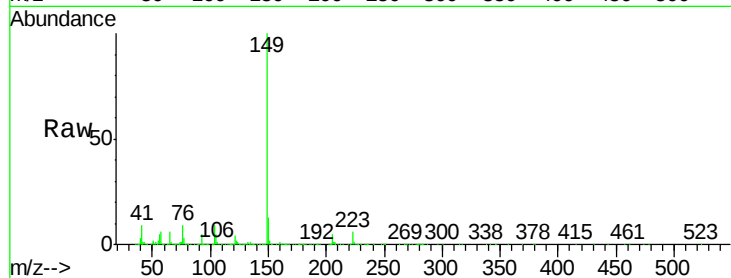
#73
Di-n-butylphthalate
Concen: 39.27 ng
RT: 18.52 min Scan# 2668
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Instrument :
BNA_G
ClientSampleId :
PB91578BSD

Tgt Ion:149 Resp: 2248607
Ion Ratio Lower Upper
149 100
150 12.9 9.1 13.7
104 9.0 6.9 10.3

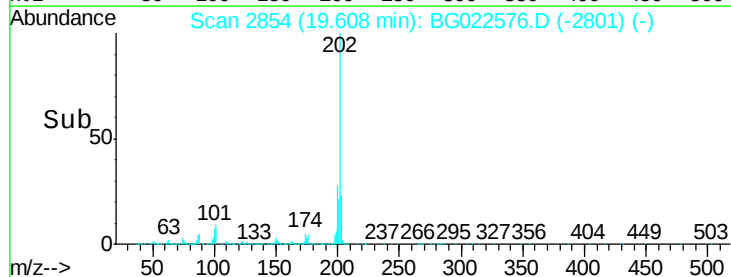
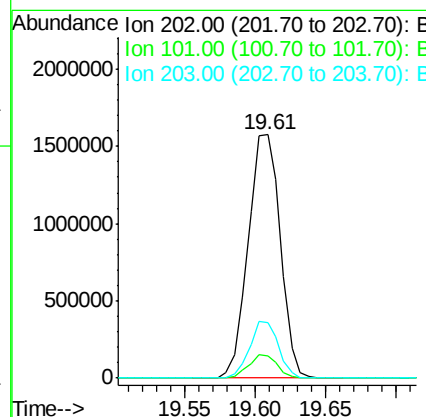
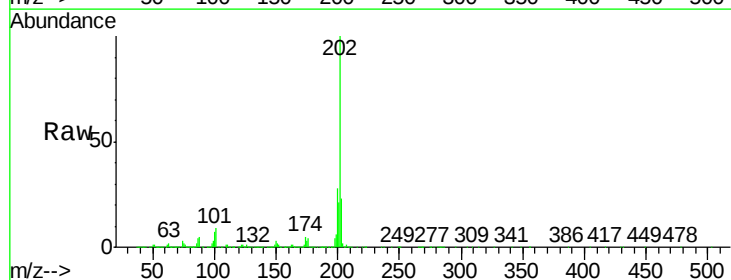
Manual Integrations

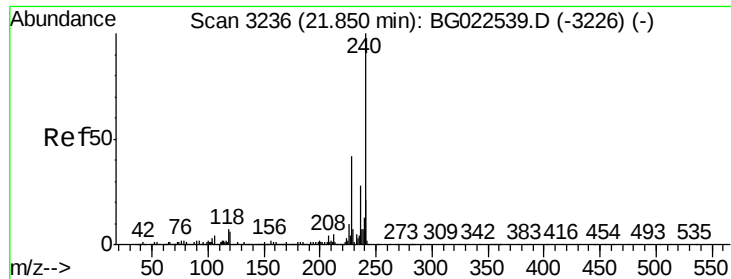
sohil
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#74
Fluoranthene
Concen: 38.68 ng
RT: 19.61 min Scan# 2854
Delta R.T. 0.01 min
Lab File: BG022576.D
Acq: 25 Jun 2016 16:06

Tgt Ion:202 Resp: 2511310
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.4
203 22.8 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion:240 Resp: 1224112

Ion Ratio Lower Upper

240 100

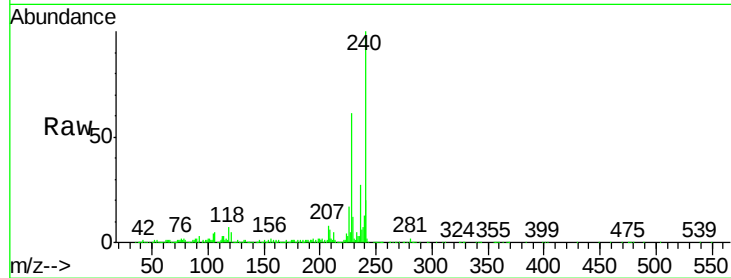
120 5.5 4.1 6.1

236 27.5 21.1 31.7

Manual Integrations

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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

800000

600000

400000

200000

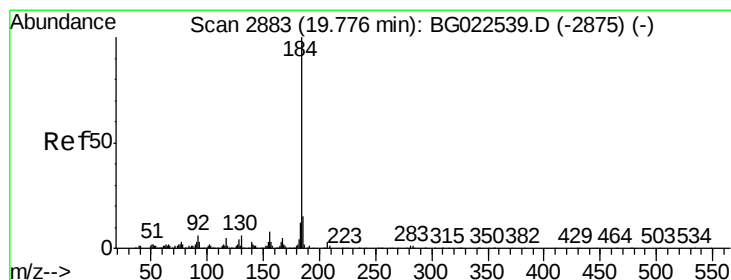
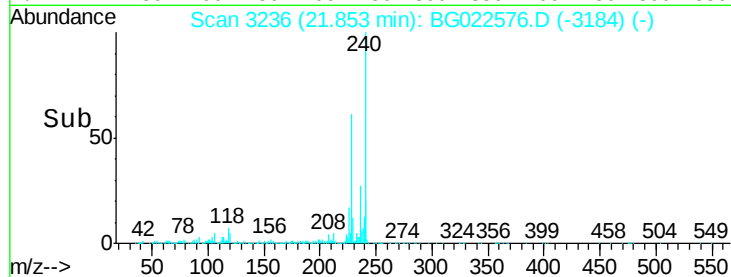
0

21.85

21.80

21.90

Time-->



#76

Benzidine

Concen: 99.72 ng

RT: 19.78 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

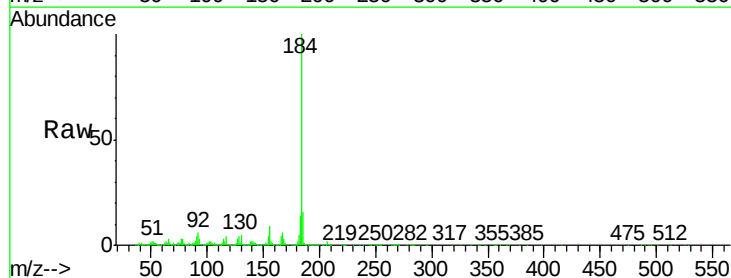
Tgt Ion:184 Resp: 1299668

Ion Ratio Lower Upper

184 100

185 16.0 12.6 19.0

183 14.0 10.7 16.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

1200000

1000000

800000

600000

400000

200000

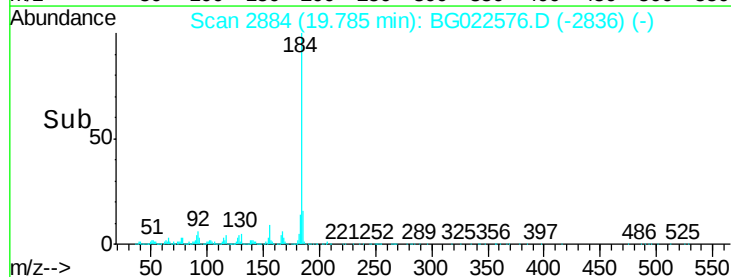
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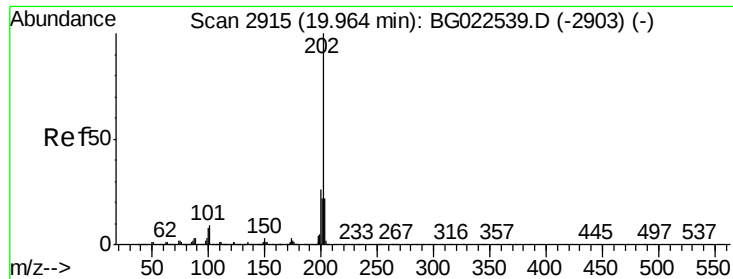
19.78

19.70

19.90

Time-->





#77

Pyrene

Concen: 38.87 ng

RT: 19.97 min Scan# 2915

Delta R.T. 0.01 min

Lab File: BG022576.D

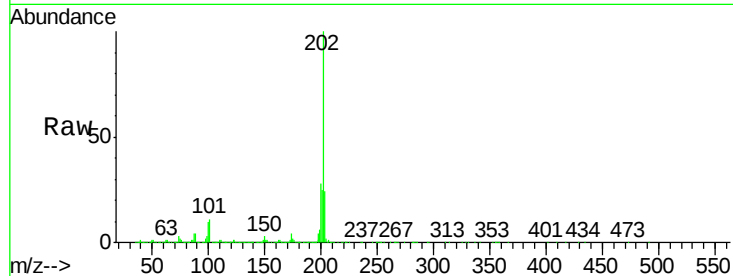
Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

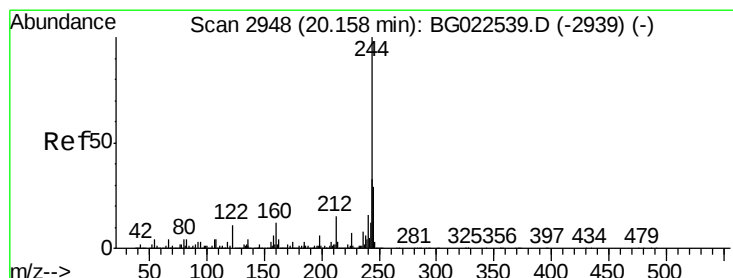
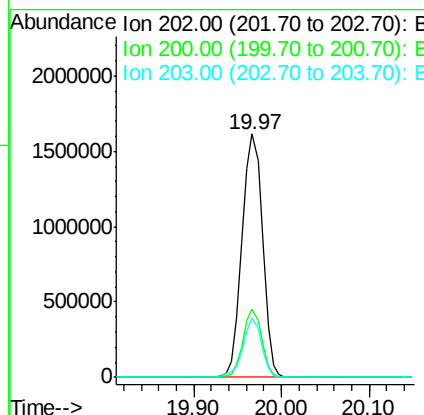
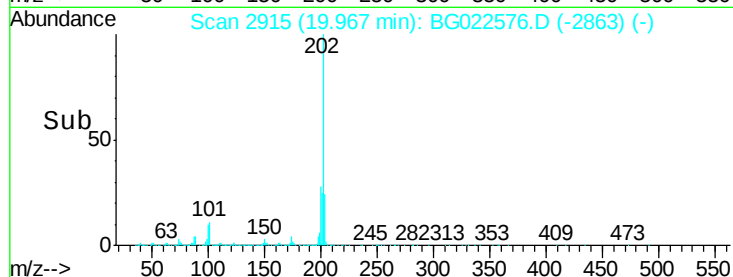


Tgt Ion:	202	Resp:	2534018
Ion	Ratio	Lower	Upper
202	100		
200	28.0	21.2	31.8
203	24.2	16.8	25.2

Manual Integrations

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#78

Terphenyl-d14

Concen: 66.33 ng

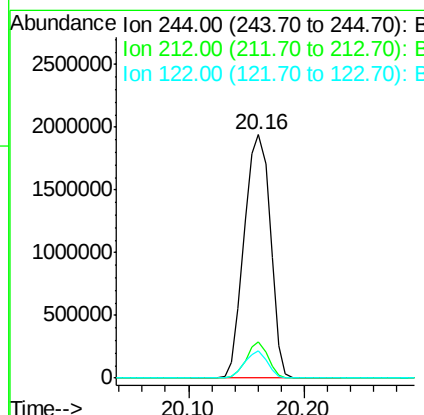
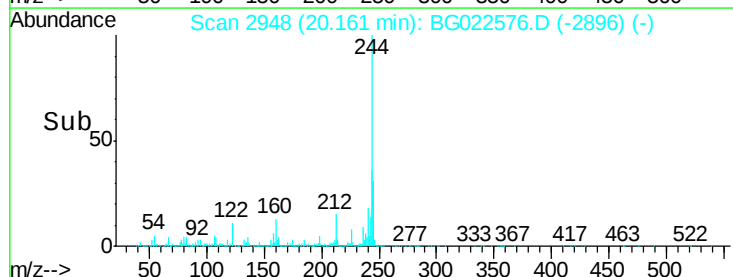
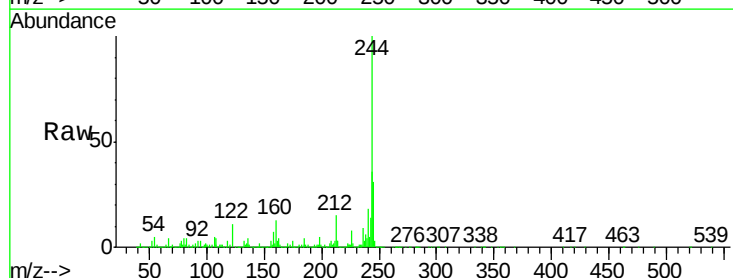
RT: 20.16 min Scan# 2948

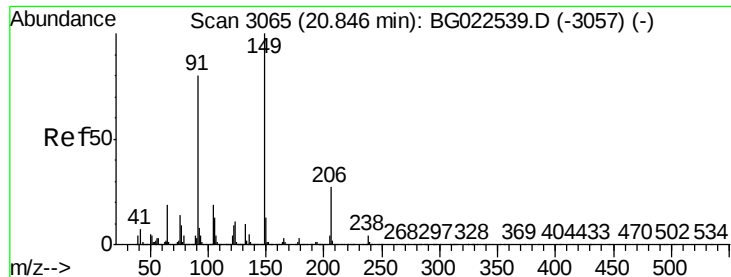
Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Tgt Ion:	244	Resp:	3064642
Ion	Ratio	Lower	Upper
244	100		
212	15.0	10.8	16.2
122	11.1	8.0	12.0





#79

Butylbenzylphthalate

Concen: 39.58 ng

RT: 20.84 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BG022576.D

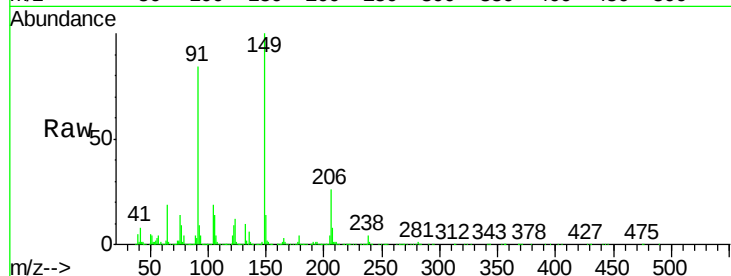
Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD



Tgt Ion:149 Resp: 1117017

Ion Ratio Lower Upper

149 100

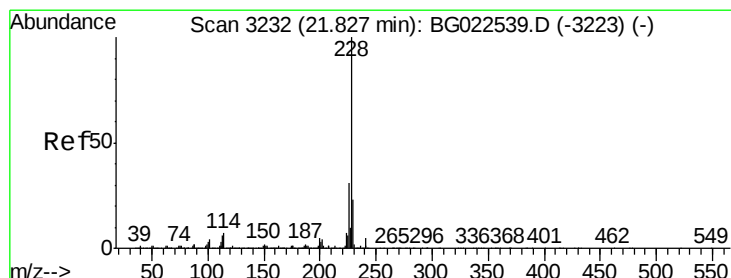
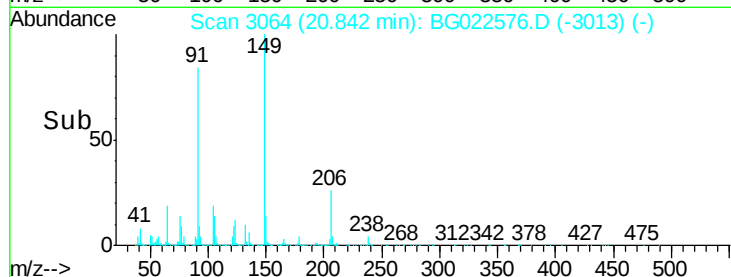
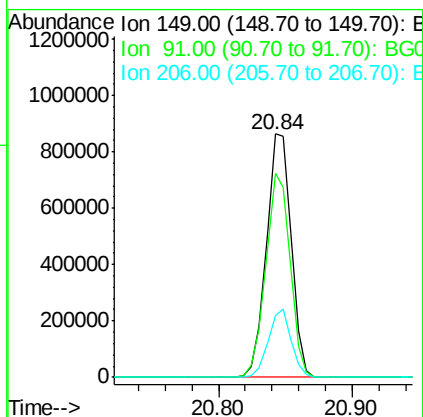
91 83.5 68.1 102.1

206 25.6 19.8 29.6

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#80

Benzo(a)anthracene

Concen: 39.36 ng

RT: 21.84 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

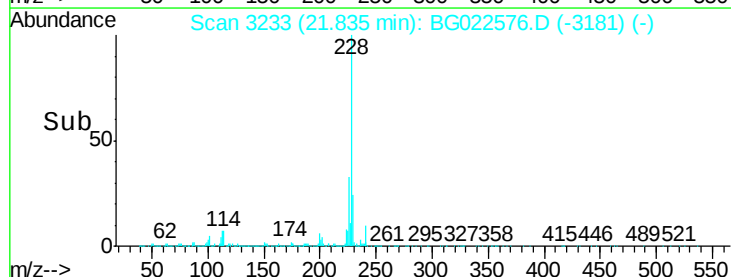
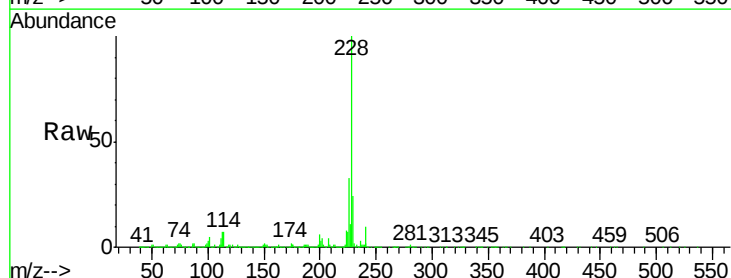
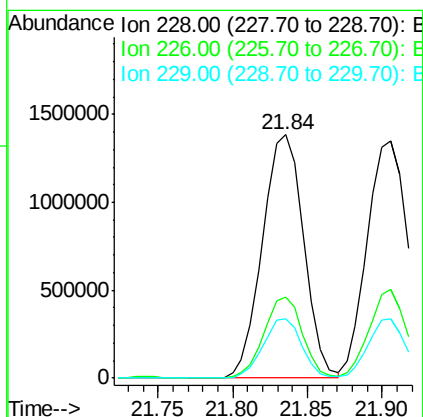
Tgt Ion:228 Resp: 2665838

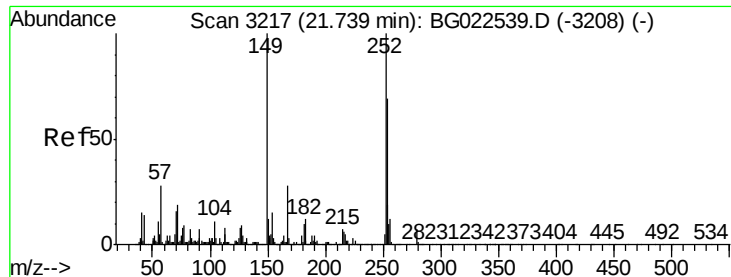
Ion Ratio Lower Upper

228 100

226 33.1 25.3 37.9

229 24.1 19.9 29.9





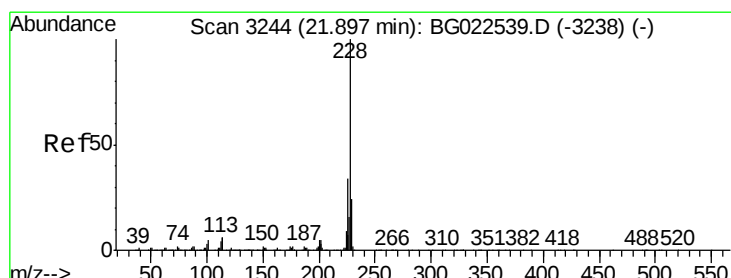
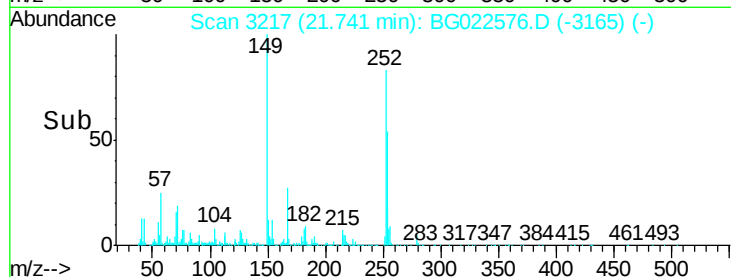
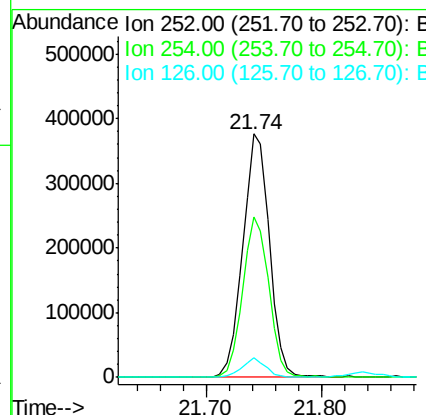
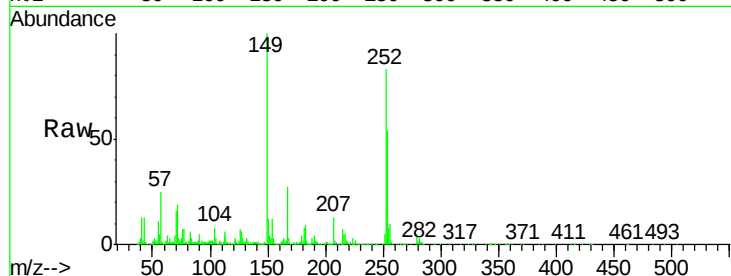
#81
 3,3'-Dichlorobenzidine
 Concen: 21.32 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.2	76.8
126	8.0	5.3	7.9

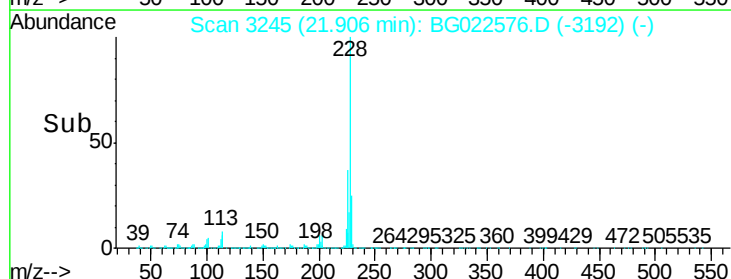
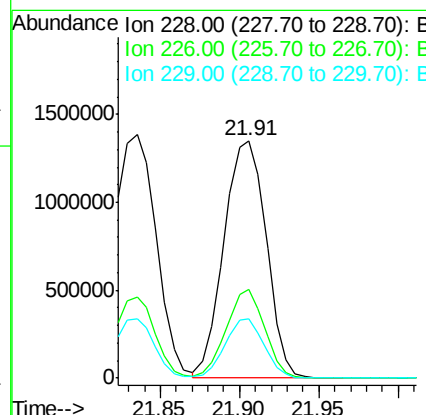
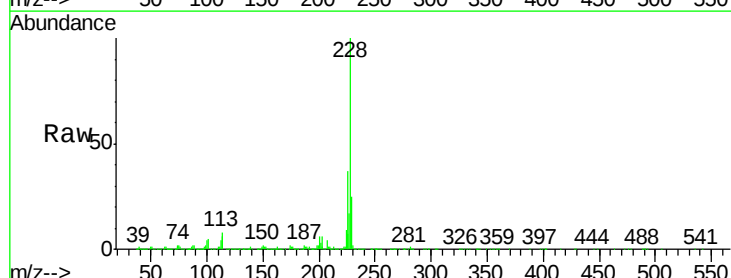
Manual Integrations

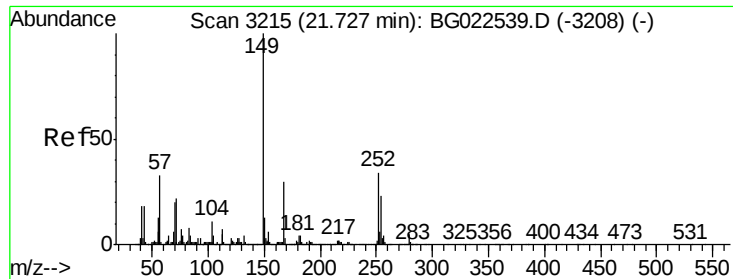
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#82
 Chrysene
 Concen: 39.14 ng
 RT: 21.91 min Scan# 3245
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	26.7	40.1
229	25.2	17.4	26.2





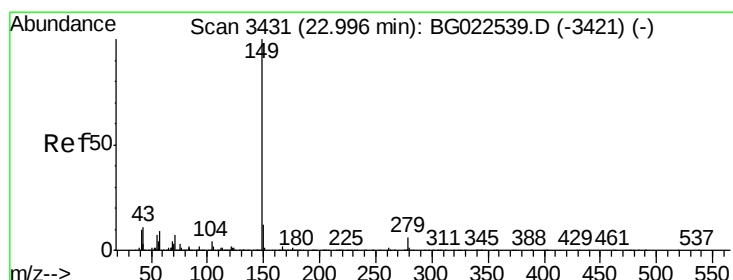
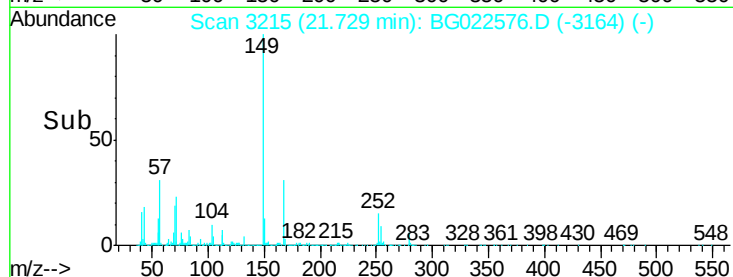
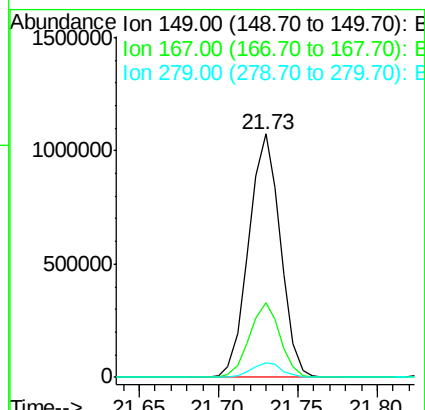
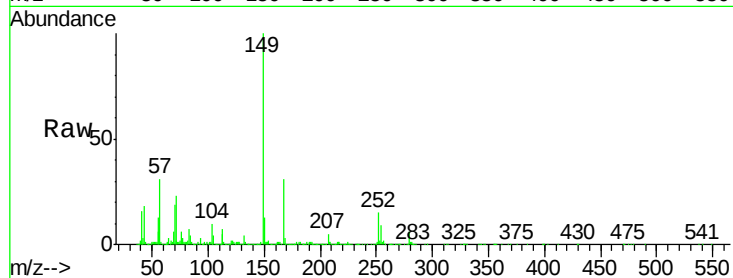
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.42 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion:149 Resp: 1487119
 Ion Ratio Lower Upper
 149 100
 167 30.7 24.0 36.0
 279 6.1 4.8 7.2

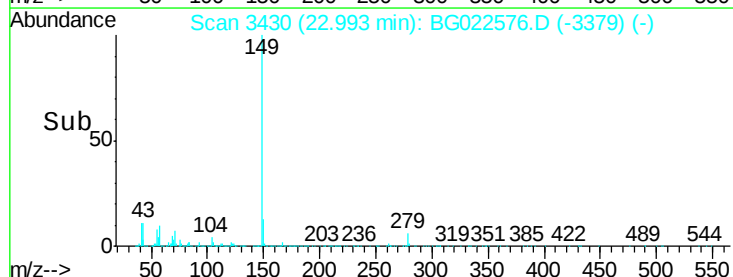
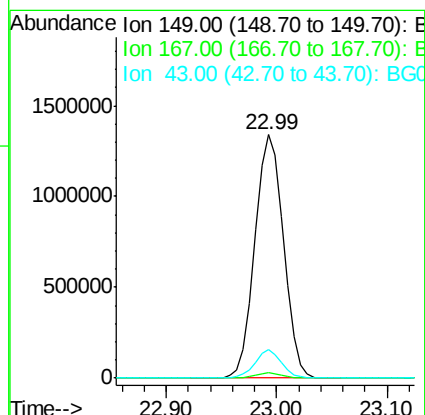
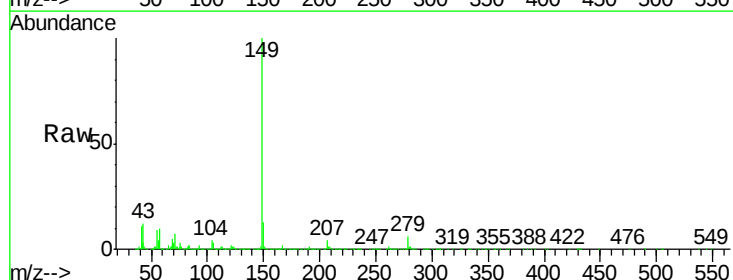
Manual Integrations

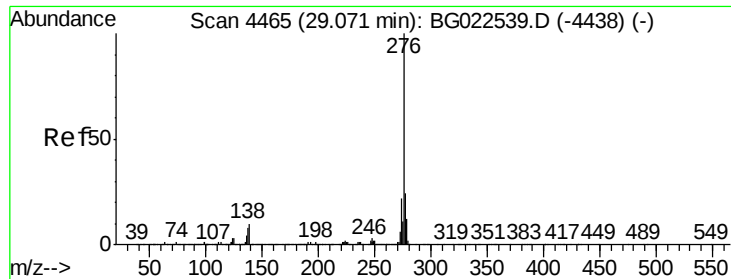
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#84
 Di-n-octyl phthalate
 Concen: 37.22 ng
 RT: 22.99 min Scan# 3430
 Delta R.T. 0.00 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion:149 Resp: 2438280
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.5 2.3
 43 10.7 8.8 13.2





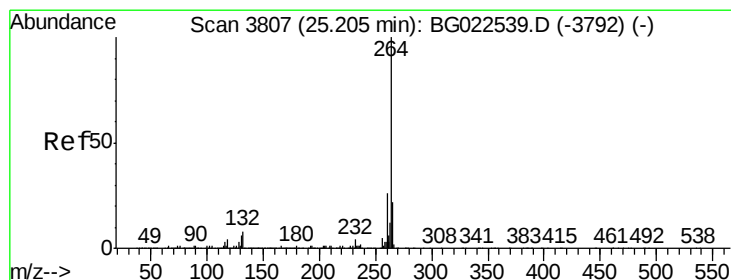
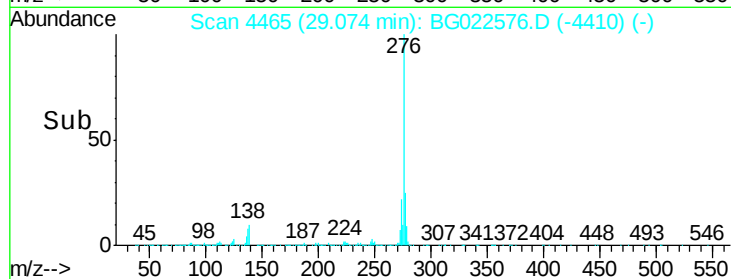
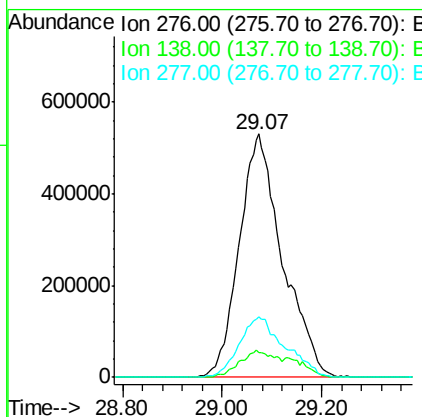
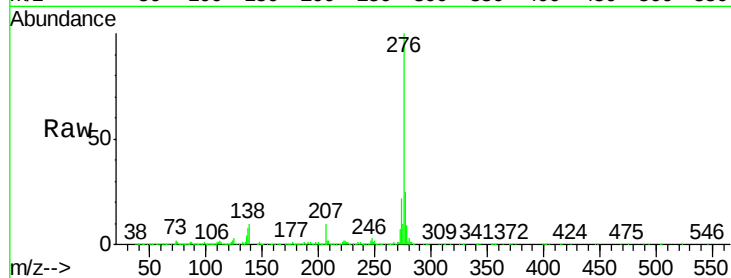
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.23 ng
 RT: 29.07 min Scan# 4465
 Delta R.T. 0.03 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD

Tgt Ion: 276 Resp: 3197709
 Ion Ratio Lower Upper
 276 100
 138 9.0 0.0 0.0#
 277 26.1 0.0 0.0#

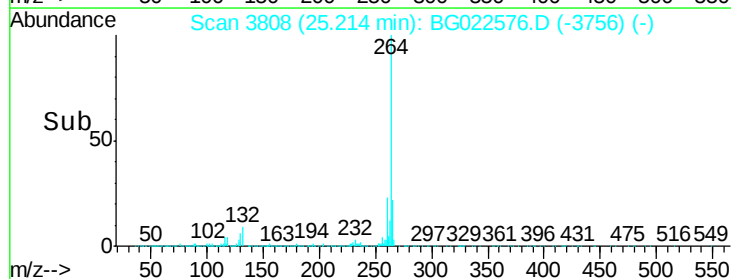
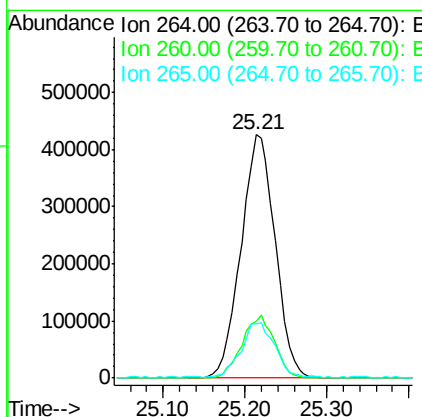
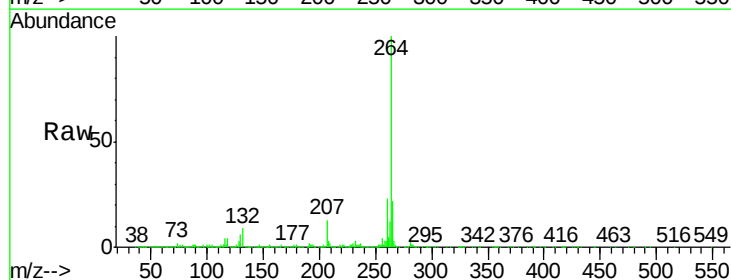
Manual Integrations

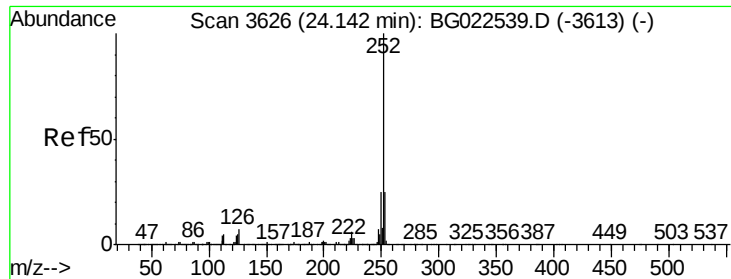
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. 0.01 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Tgt Ion: 264 Resp: 1234509
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 22.5 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 38.57 ng m

RT: 24.14 min Scan# 3626

Delta R.T. 0.01 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD

Tgt Ion:252 Resp: 2863303

Ion Ratio Lower Upper

252 100

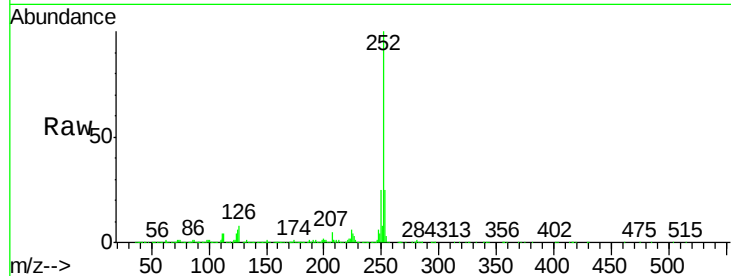
253 25.0 18.9 28.3

125 6.1 3.9 5.9#

Manual Integrations

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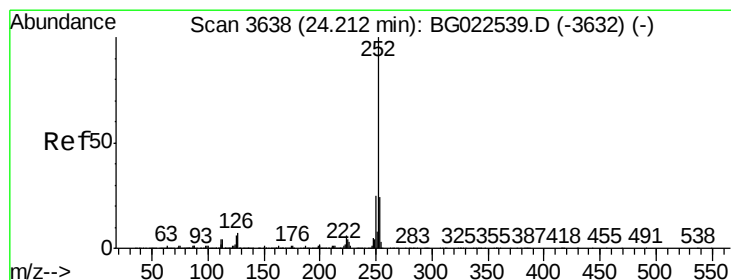
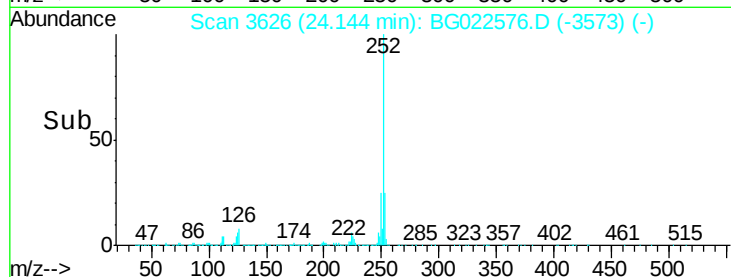
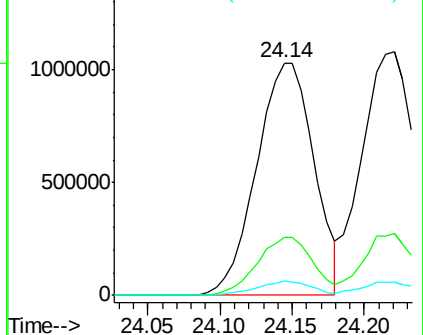
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.26 ng

RT: 24.22 min Scan# 3639

Delta R.T. 0.02 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

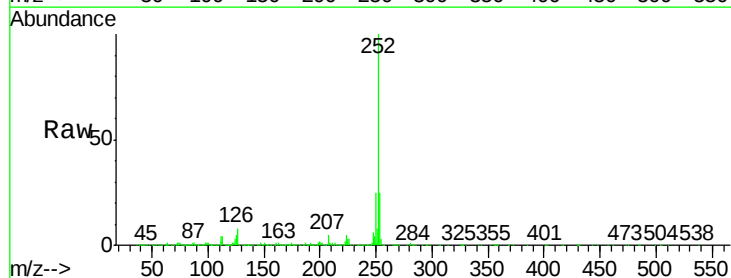
Tgt Ion:252 Resp: 2754991

Ion Ratio Lower Upper

252 100

253 25.2 18.8 28.2

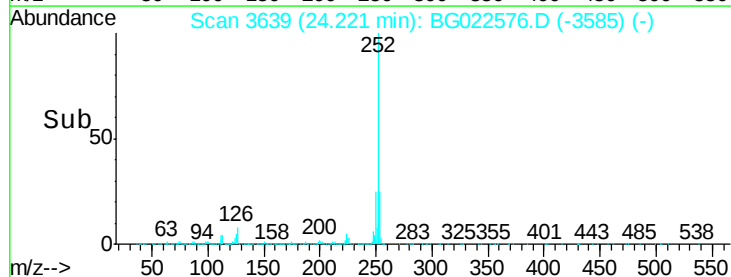
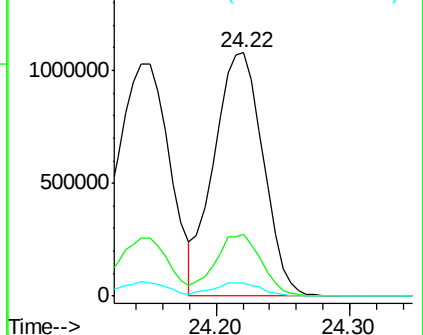
125 5.4 3.2 4.8#

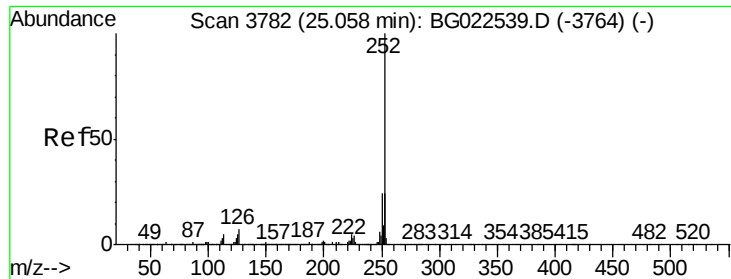


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.47 ng

RT: 25.06 min Scan# 3782

Delta R.T. 0.02 min

Lab File: BG022576.D

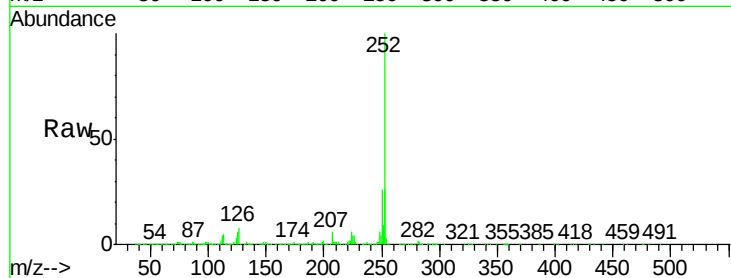
Acq: 25 Jun 2016 16:06

Instrument :

BNA_G

ClientSampleId :

PB91578BSD



Tgt Ion:252 Resp: 2783631

Ion Ratio Lower Upper

252 100

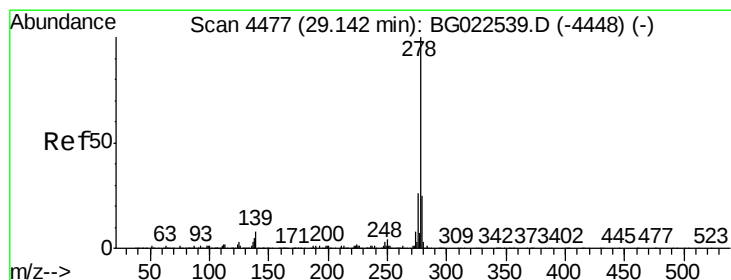
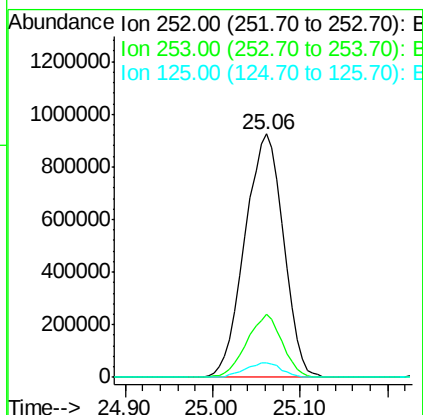
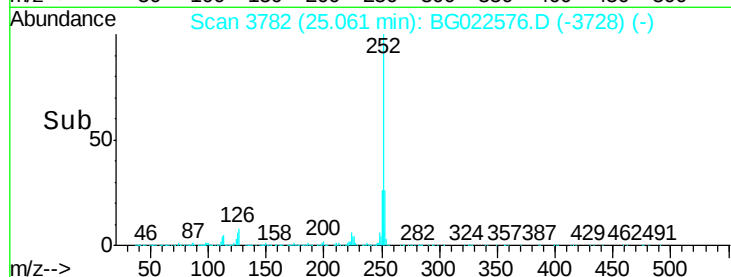
253 25.9 18.7 28.1

125 5.7 3.9 5.9

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#90

Dibenzo(a,h)anthracene

Concen: 39.20 ng

RT: 29.14 min Scan# 4477

Delta R.T. 0.03 min

Lab File: BG022576.D

Acq: 25 Jun 2016 16:06

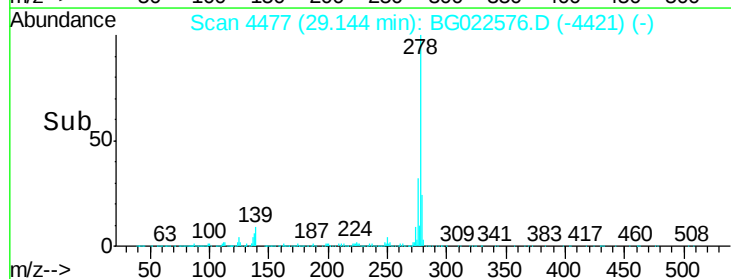
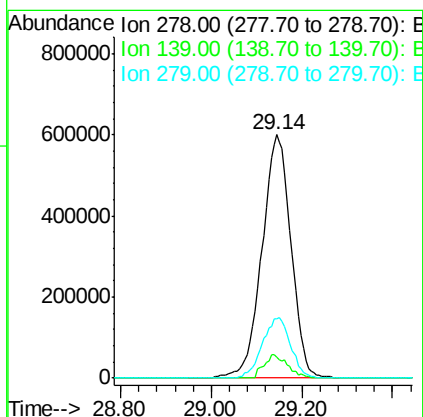
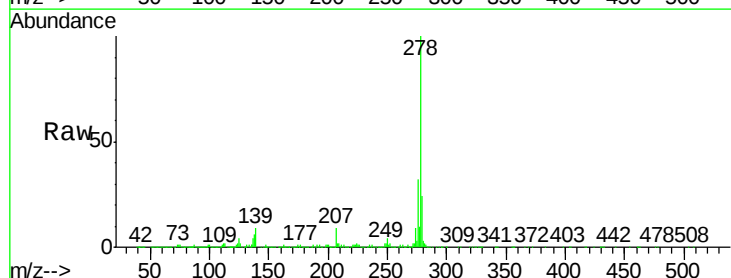
Tgt Ion:278 Resp: 2670540

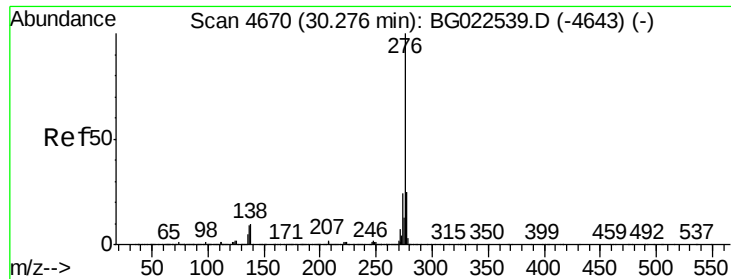
Ion Ratio Lower Upper

278 100

139 8.5 4.7 7.1#

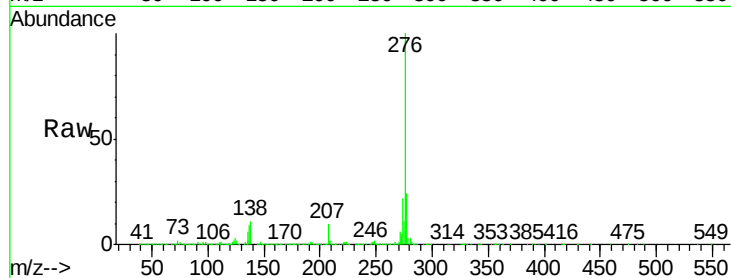
279 24.5 18.3 27.5





#91
 Benzo(g,h,i)perylene
 Concen: 38.38 ng
 RT: 30.28 min Scan# 4670
 Delta R.T. 0.03 min
 Lab File: BG022576.D
 Acq: 25 Jun 2016 16:06

Instrument :
 BNA_G
 ClientSampleId :
 PB91578BSD



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.0	18.6	27.8	
138	11.5	6.8	10.2	

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