

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089234.D
 Acq On : 23 Jul 2016 13:30
 Operator : UM/SJ
 Sample : H4120-08MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Manual Integrations

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 7/25/2016 6:43:03 PM

Quant Time: Jul 25 11:28:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45996	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	195494	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	91632	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	179767	20.00	ng	0.00
75) Chrysene-d12	13.71	240	113820	20.00	ng	0.00
86) Perylene-d12	15.05	264	90867	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	258967	85.63	ng	0.01
7) Phenol-d6	6.24	99	247493	63.46	ng	0.00
23) Nitrobenzene-d5	7.15	82	341745	92.88	ng	0.00
41) 2,4,6-Tribromophenol	10.40	330	106663	129.29	ng	0.00
44) 2-Fluorobiphenyl	8.95	172	631177	94.91	ng	0.00
78) Terphenyl-d14	12.67	244	547538	104.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	30903	23.53	ng	# 90
3) Pyridine	2.68	79	58954	17.67	ng	98
4) n-Nitrosodimethylamine	2.65	42	29290	20.86	ng	97
6) Aniline	6.25	93	112463	21.34	ng	# 80
8) 2-Chlorophenol	6.36	128	134433	40.06	ng	90
9) Benzaldehyde	6.12	77	33312	13.74	ng	99
10) Phenol	6.25	94	98305	21.88	ng	# 63
11) bis(2-Chloroethyl)ether	6.33	93	148668	44.06	ng	96
12) 1,3-Dichlorobenzene	6.51	146	122835	33.15	ng	99
13) 1,4-Dichlorobenzene	6.59	146	138409	37.08	ng	99
14) 1,2-Dichlorobenzene	6.75	146	128974	36.65	ng	98
15) Benzyl Alcohol	6.74	79	104487	36.58	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	165425	43.02	ng	# 55
17) 2-Methylphenol	6.87	107	88181	33.36	ng	94
18) Hexachloroethane	7.08	117	48926	34.87	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	109574	42.96	ng	98
20) 3+4-Methylphenols	7.02	107	116291	32.40	ng	# 76
22) Acetophenone	7.00	105	223347	42.78	ng	# 98
24) Nitrobenzene	7.18	77	161873	41.72	ng	99
25) Isophorone	7.42	82	302117	44.55	ng	100
26) 2-Nitrophenol	7.48	139	73951	40.86	ng	99
27) 2,4-Dimethylphenol	7.54	122	106444	34.91	ng	99
28) bis(2-Chloroethoxy)methane	7.63	93	193786	45.69	ng	99
29) 2,4-Dichlorophenol	7.74	162	117601	42.80	ng	96
30) 1,2,4-Trichlorobenzene	7.82	180	117944	38.77	ng	100
31) Naphthalene	7.88	128	395054m	37.44	ng	
32) Benzoic acid	7.67	122	31148	13.28	ng	91
33) 4-Chloroaniline	7.95	127	95913	21.62	ng	96
34) Hexachlorobutadiene	8.01	225	61242	36.17	ng	98
35) Caprolactam	8.33	113	10258m	12.02	ng	
36) 4-Chloro-3-methylphenol	8.44	107	130840	39.52	ng	90
37) 2-Methylnaphthalene	8.58	142	283477	42.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	116825	34.30	ng	98
40) Hexachlorocyclopentadiene	8.73	237	83324	73.81	ng	97

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Instrument :
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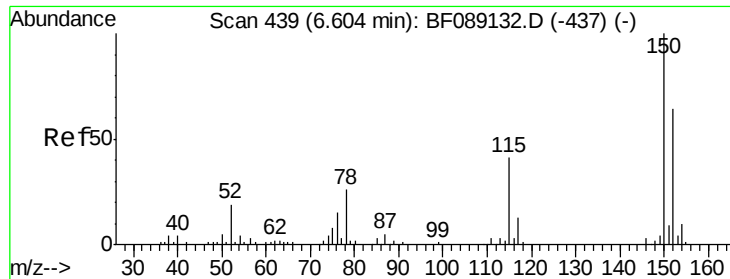
Manual Integrations

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 7/25/2016 6:43:03 PM

Quant Time: Jul 25 11:28:08 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 03:29:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	77505	40.66	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	88903	46.46	ng	96
45) 1,1'-Biphenyl	9.05	154	333134	40.37	ng	96
46) 2-Chloronaphthalene	9.06	162	261348	41.68	ng	99
47) 2-Nitroaniline	9.18	65	91098	42.35	ng	# 75
48) Acenaphthylene	9.47	152	424724	43.08	ng	100
49) Dimethylphthalate	9.36	163	348595	49.58	ng	99
50) 2,6-Dinitrotoluene	9.42	165	72932	45.94	ng	# 74
51) Acenaphthene	9.64	154	244388	41.90	ng	99
52) 3-Nitroaniline	9.59	138	48468	25.71	ng	90
53) 2,4-Dinitrophenol	9.70	184	60503	75.29	ng	# 87
54) Dibenzofuran	9.82	168	364521	46.26	ng	98
55) 4-Nitrophenol	9.77	139	54768m	48.01	ng	
56) 2,4-Dinitrotoluene	9.82	165	94316	46.12	ng	# 71
57) Fluorene	10.16	166	301173	45.02	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	65529m	47.68	ng	
59) Diethylphthalate	10.06	149	341157	48.93	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	139569	45.70	ng	# 88
61) 4-Nitroaniline	10.20	138	74562	40.65	ng	93
62) Azobenzene	10.32	77	382630	50.49	ng	90
64) 4,6-Dinitro-2-methylphenol	10.23	198	46180	44.13	ng	# 65
65) n-Nitrosodiphenylamine	10.28	169	269917	44.93	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	79939	44.94	ng	# 88
67) Hexachlorobenzene	10.71	284	82191	42.96	ng	# 92
68) Atrazine	10.81	200	74784	39.80	ng	99
69) Pentachlorophenol	10.90	266	76791	86.99	ng	98
70) Phenanthrene	11.11	178	414821	42.07	ng	99
71) Anthracene	11.17	178	493911	48.19	ng	99
72) Carbazole	11.33	167	421923	46.86	ng	100
73) Di-n-butylphthalate	11.67	149	544996	48.94	ng	# 98
74) Fluoranthene	12.29	202	427434	41.24	ng	99
76) Benzidine	12.42	184	118040	30.17	ng	99
77) Pyrene	12.51	202	452122	48.10	ng	99
79) Butylbenzylphthalate	13.14	149	204836	51.51	ng	92
80) Benzo(a)anthracene	13.70	228	331294	45.70	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	75894	31.56	ng	99
82) Chrysene	13.74	228	345863	49.95	ng	99
83) Bis(2-ethylhexyl)phthalate	13.71	149	285886	54.21	ng	# 94
84) Di-n-octyl phthalate	14.32	149	434918	49.98	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	249995	49.71	ng	99
87) Benzo(b)fluoranthene	14.70	252	298837m	45.41	ng	
88) Benzo(k)fluoranthene	14.72	252	229167m	48.69	ng	
89) Benzo(a)pyrene	14.99	252	239294	46.84	ng	100
90) Dibenzo(a,h)anthracene	16.29	278	208616	51.71	ng	99
91) Benzo(g,h,i)perylene	16.63	276	213234	52.43	ng	97

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



#1

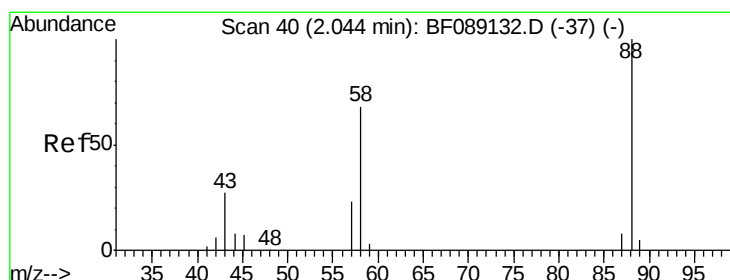
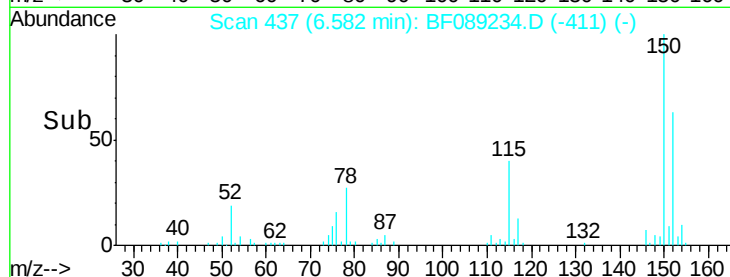
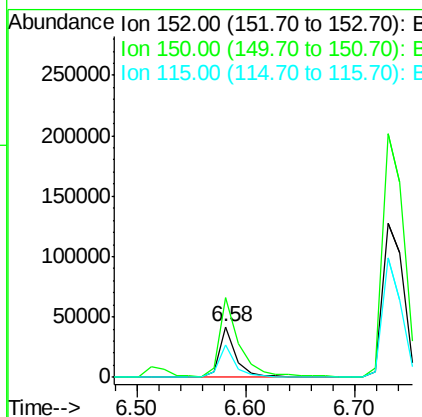
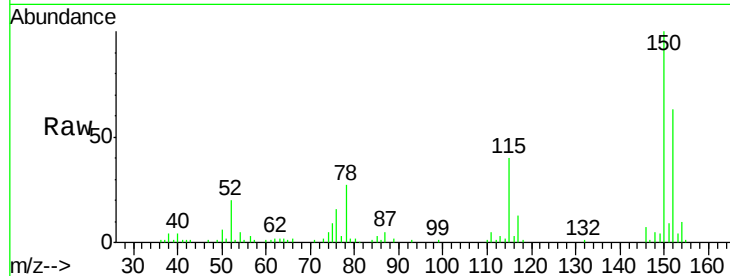
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.1	187.7
115	63.5	51.1	76.7

Manual Integrations

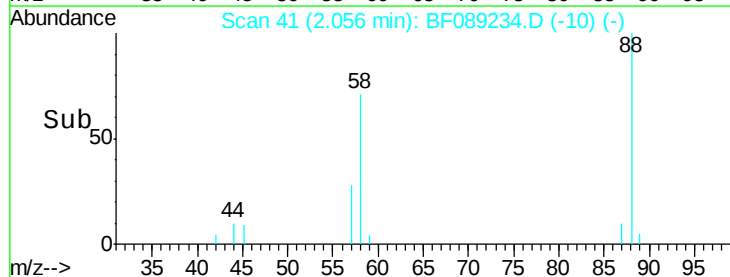
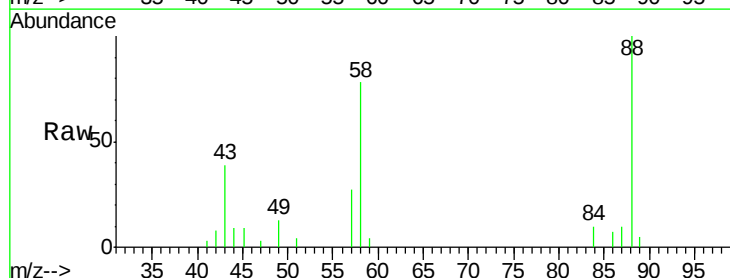
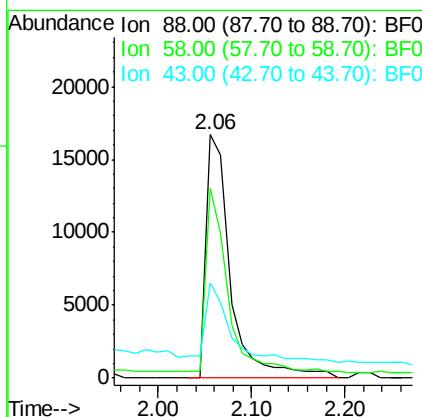
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#2

1,4-Dioxane
Concen: 23.53 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.06 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	49.2	73.8
43	34.9	20.6	30.8





#3

Pyridine

Concen: 17.67 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.07 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

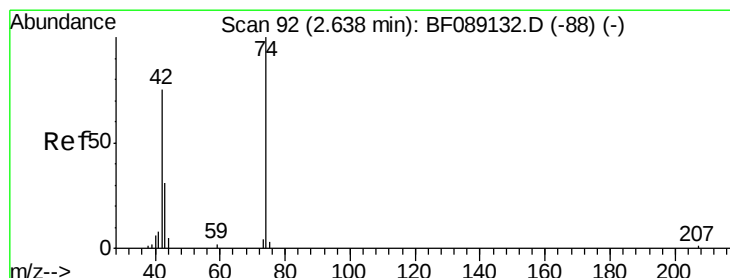
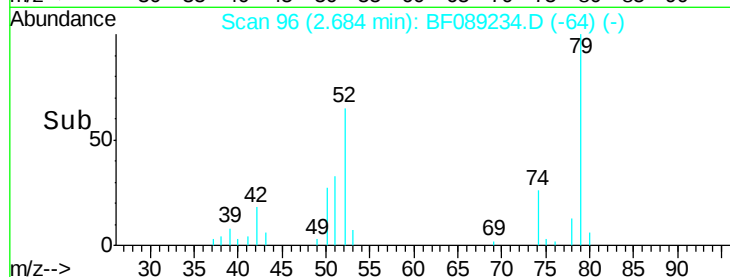
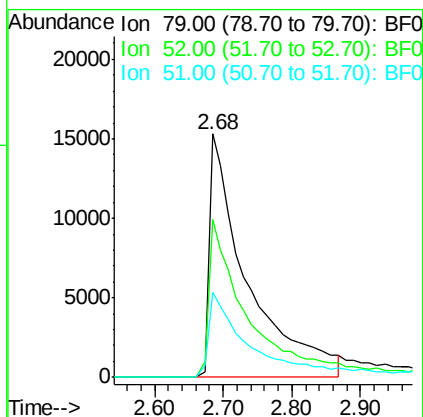
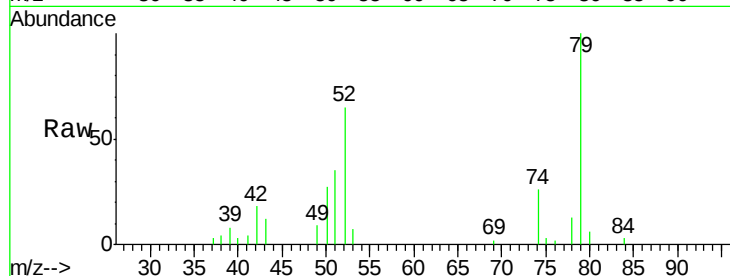
GW-05-5.0-16.0MSD

Tgt Ion:	79	Resp:	58954
Ion	Ratio	Lower	Upper
79	100		
52	64.6	52.9	79.3
51	34.9	27.0	40.6

Manual Integrations

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7/25/2016 6:43:03 PM



#4

n-Nitrosodimethylamine

Concen: 20.86 ng

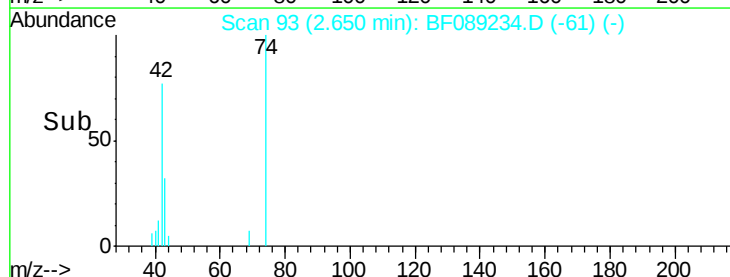
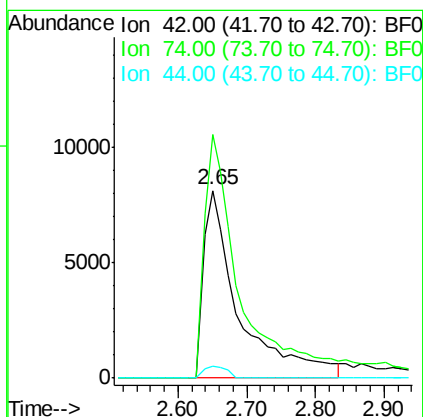
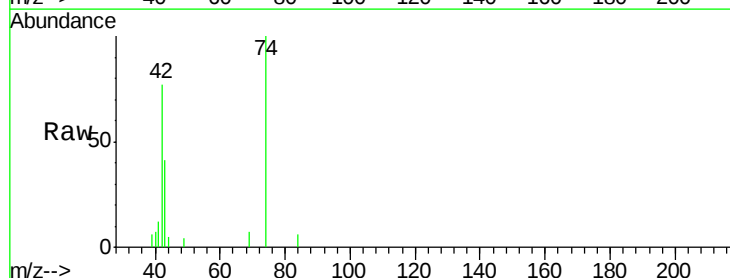
RT: 2.65 min Scan# 93

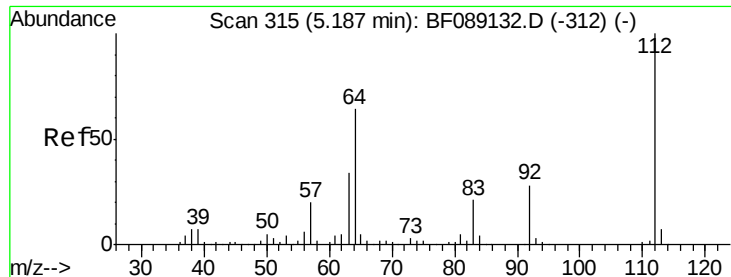
Delta R.T. 0.07 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion:	42	Resp:	29290
Ion	Ratio	Lower	Upper
42	100		
74	129.9	106.4	159.6
44	6.4	5.2	7.8





#5

2-Fluorophenol

Concen: 85.63 ng

RT: 5.16 min Scan# 313

Delta R.T. 0.01 min

Lab File: BF089234.D

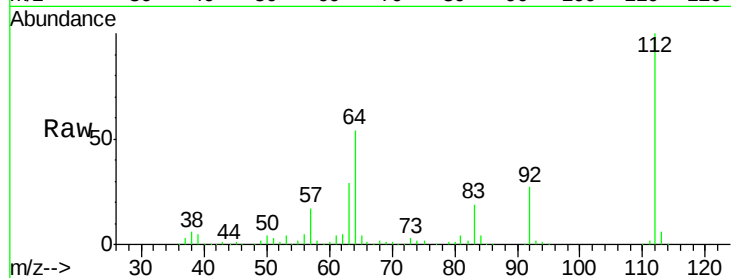
Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD

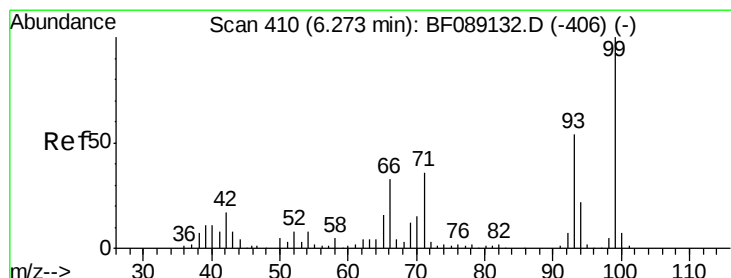
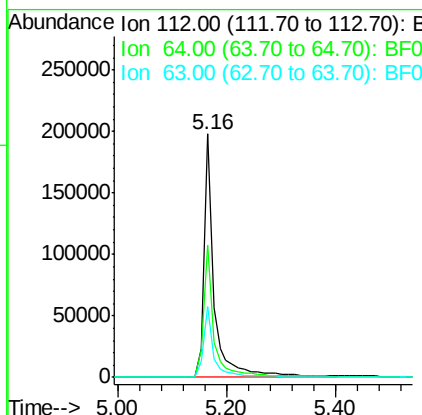
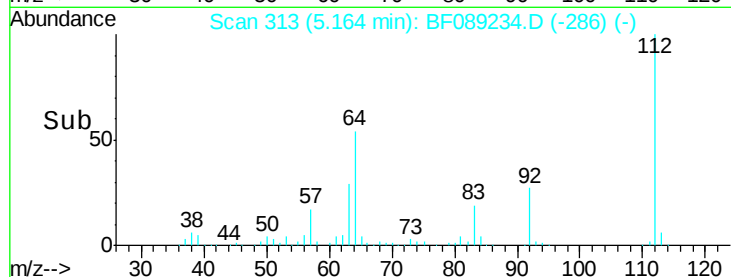


Tgt Ion	Ratio	Resp	Lower	Upper
112	100	258967		
64	54.2	51.0	76.4	
63	29.1	27.3	40.9	

Manual Integrations

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7/25/2016 6:43:03 PM



#6

Aniline

Concen: 21.34 ng

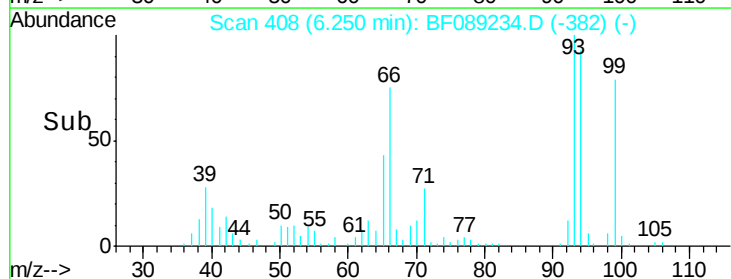
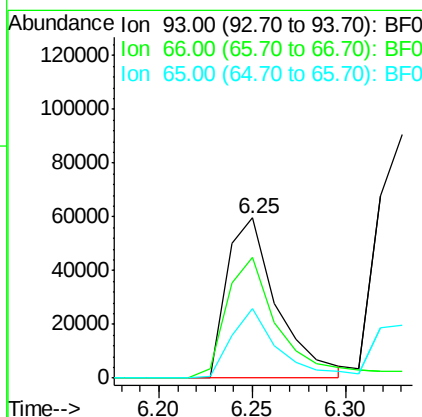
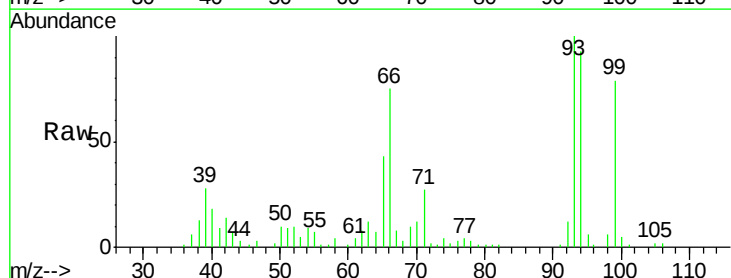
RT: 6.25 min Scan# 408

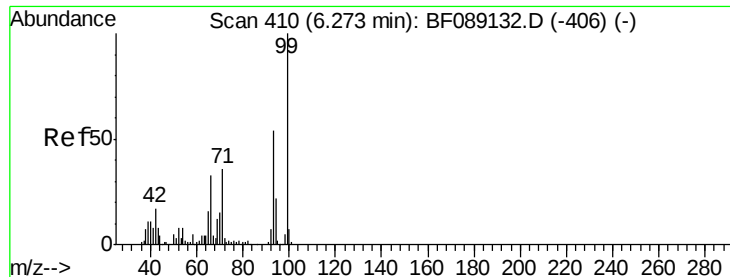
Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	112463		
66	75.2	48.9	73.3#	
65	43.0	23.9	35.9#	





#7

Phenol-d6

Concen: 63.46 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089234.D

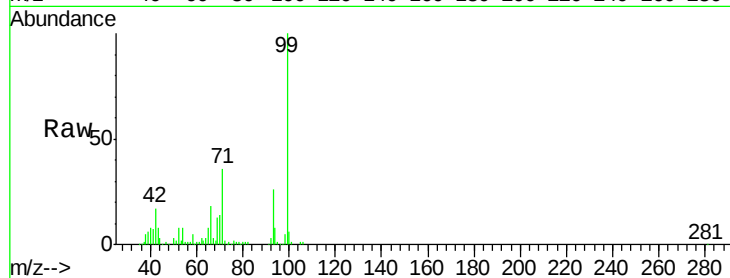
Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD

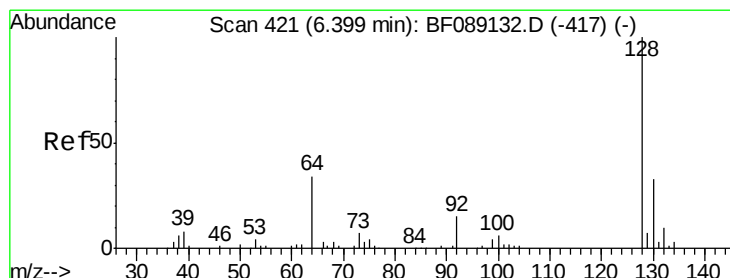
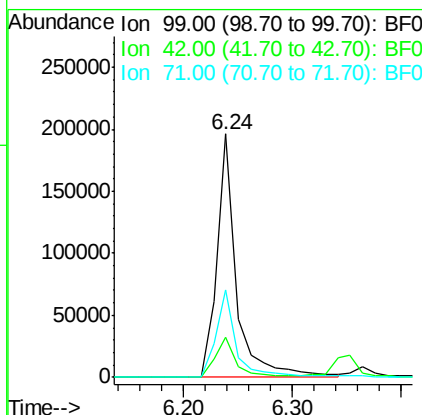
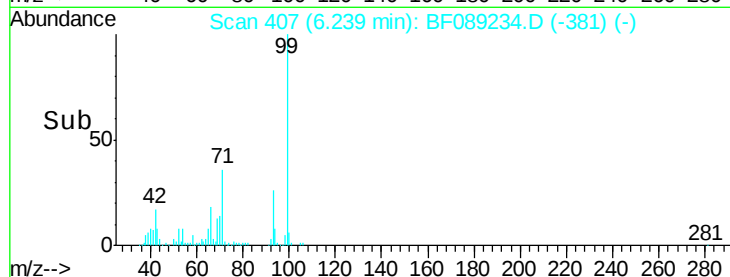


Tgt Ion:	99	Resp:	247493
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	36.0	28.9	43.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.06 ng

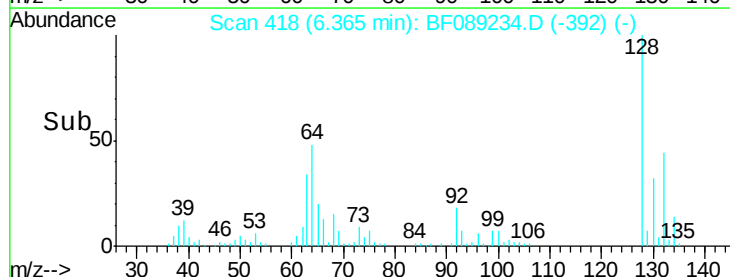
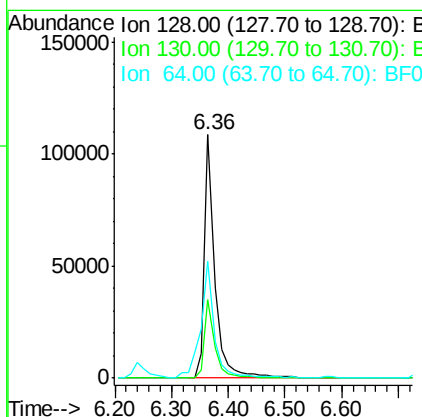
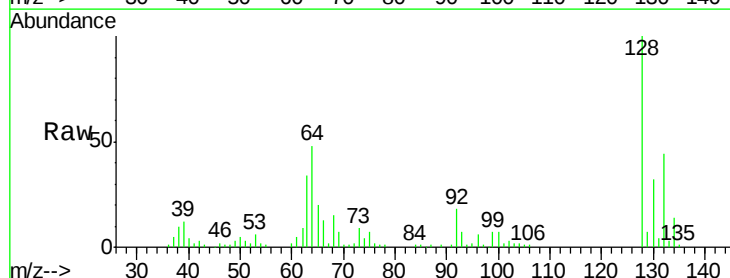
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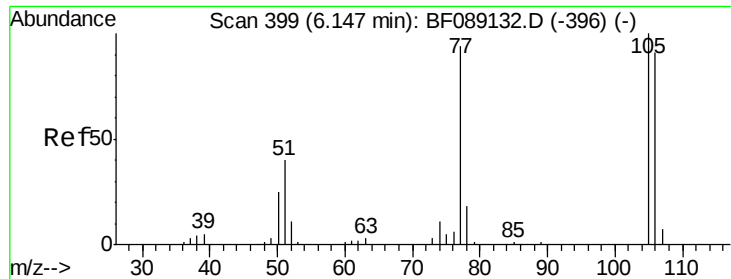
Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion:	128	Resp:	134433
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.6	52.6
64	48.0	17.5	57.5





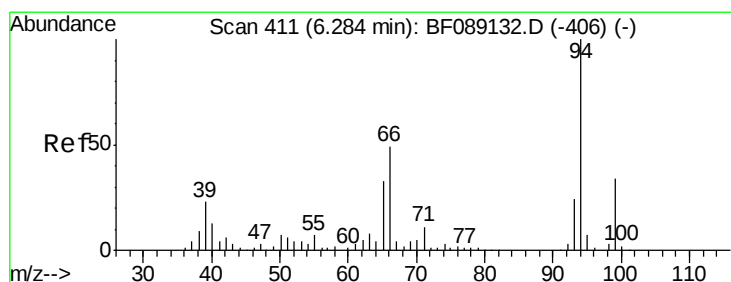
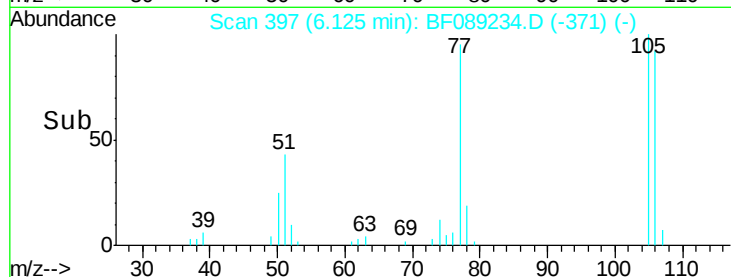
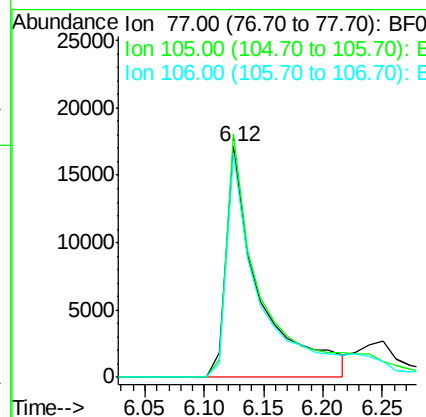
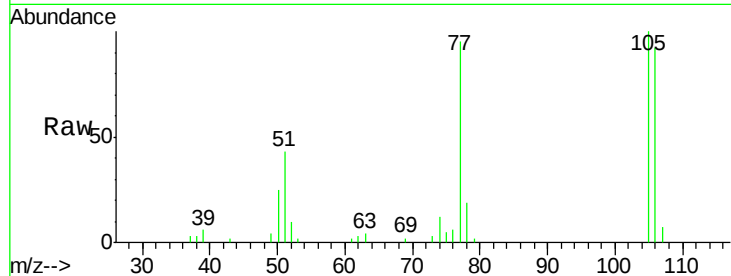
#9
Benzaldehyde
Concen: 13.74 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion: 77 Resp: 33312
Ion Ratio Lower Upper
77 100
105 105.5 86.2 126.2
106 97.2 76.3 116.3

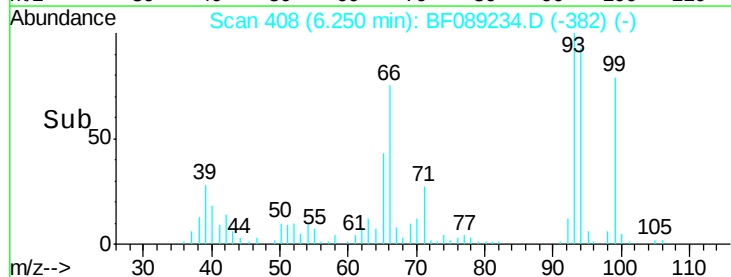
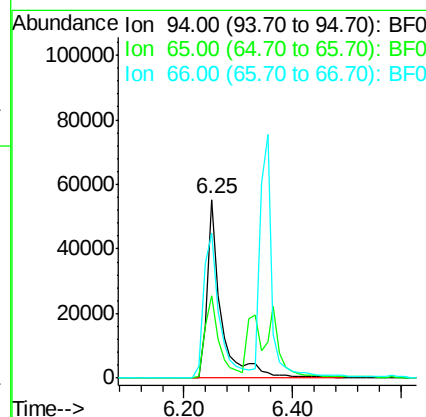
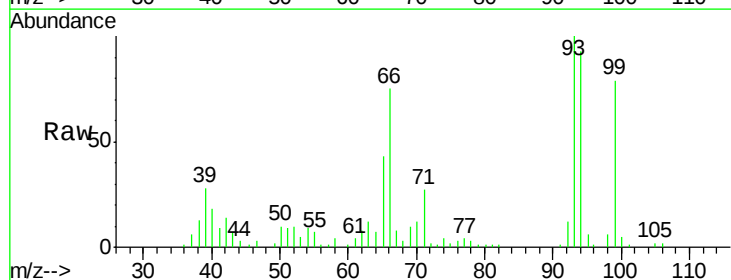
Manual Integrations

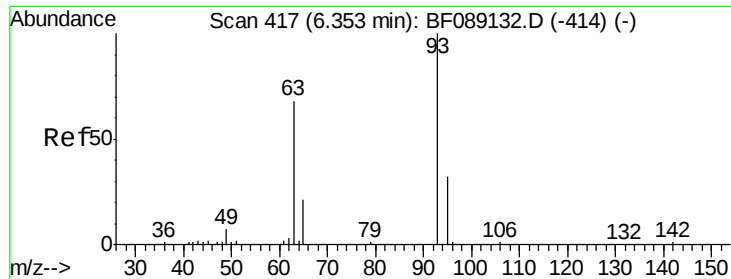
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#10
Phenol
Concen: 21.88 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion: 94 Resp: 98305
Ion Ratio Lower Upper
94 100
65 46.3 13.3 53.3
66 80.9 29.3 69.3#





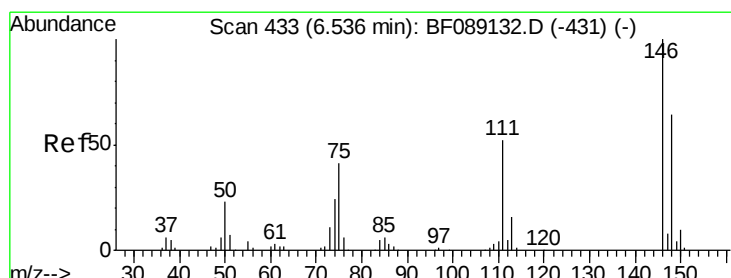
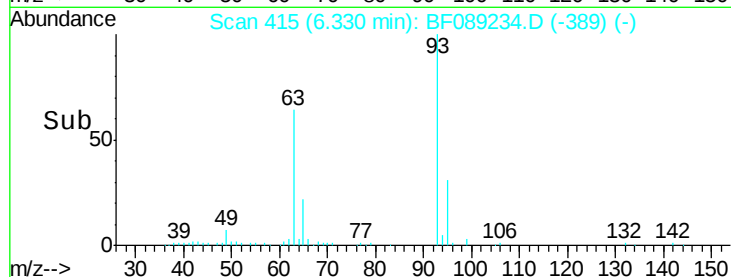
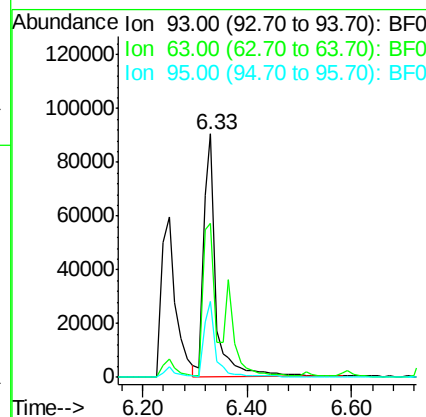
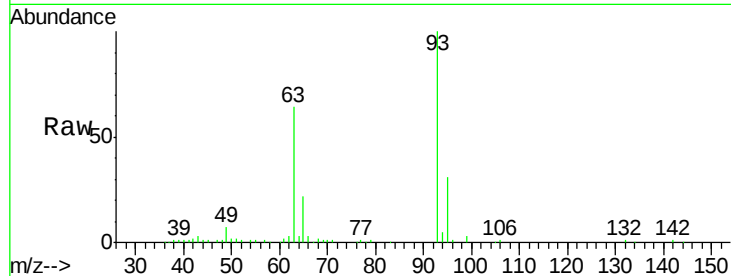
#11
bis(2-Chloroethyl)ether
Concen: 44.06 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.5	47.3	87.3
95	31.0	11.8	51.8

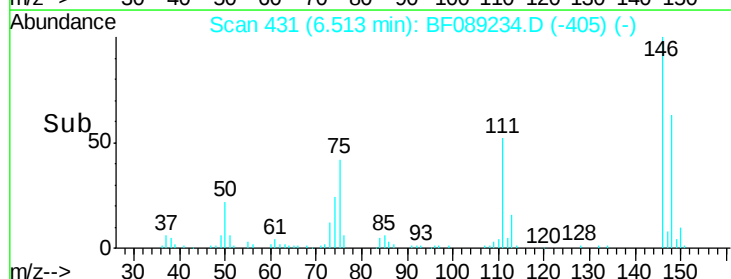
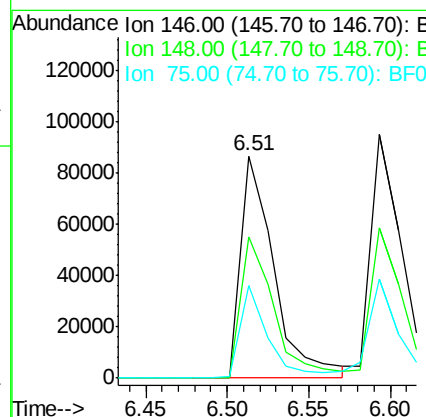
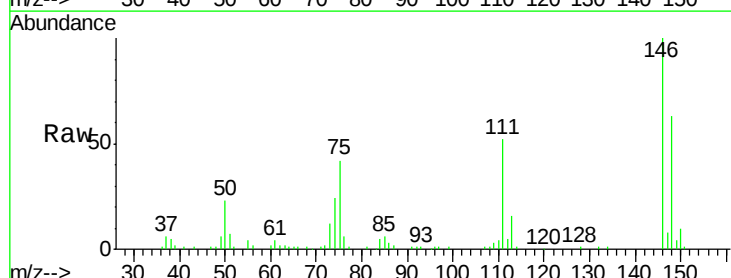
Manual Integrations

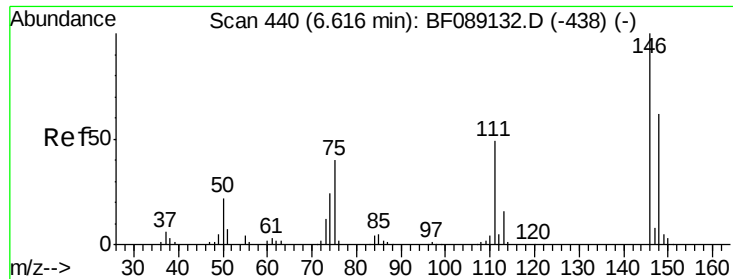
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#12
1,3-Dichlorobenzene
Concen: 33.15 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
75	41.6	32.5	48.7





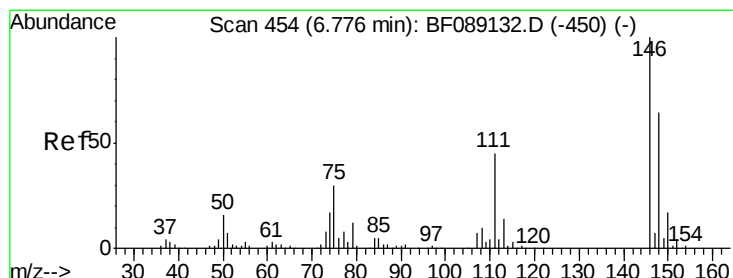
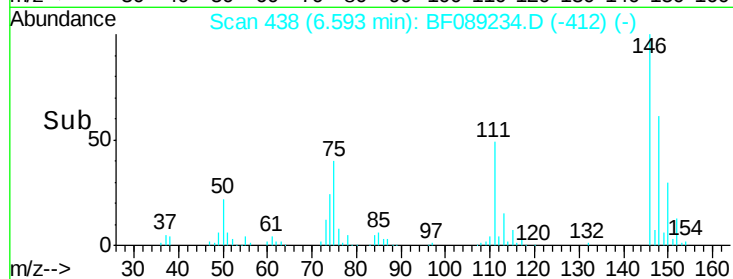
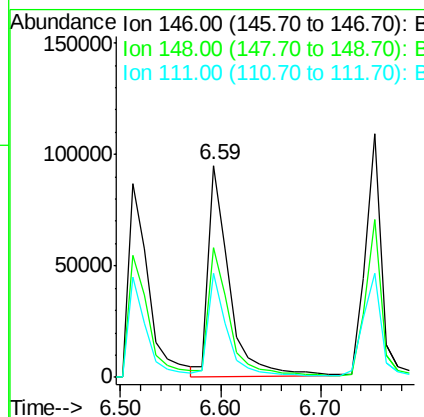
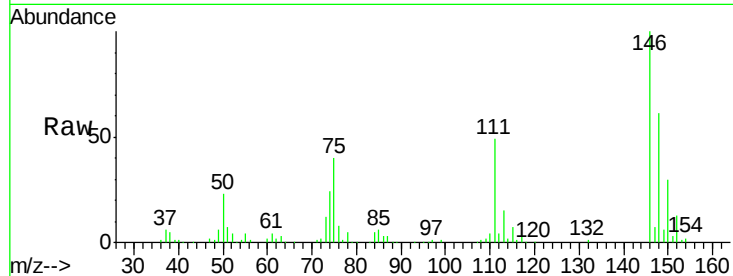
#13
 1,4-Dichlorobenzene
 Concen: 37.08 ng
 RT: 6.59 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	49.9	74.9
111	49.3	39.8	59.6

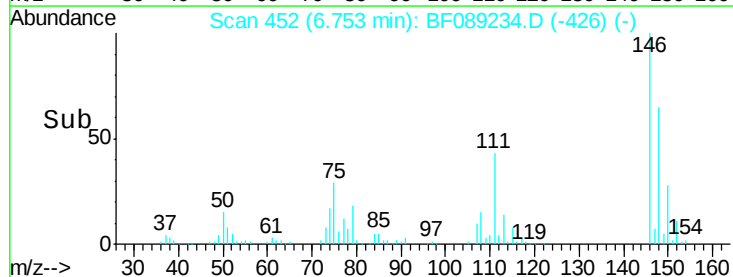
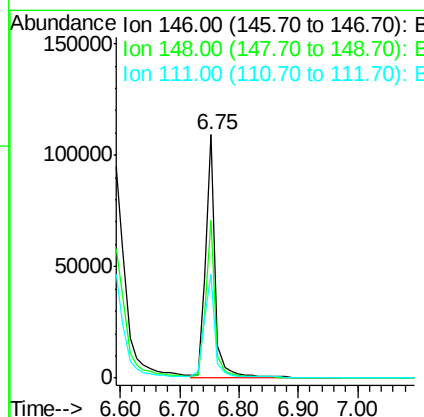
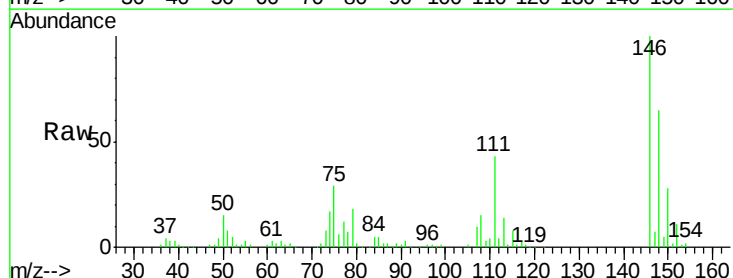
Manual Integrations

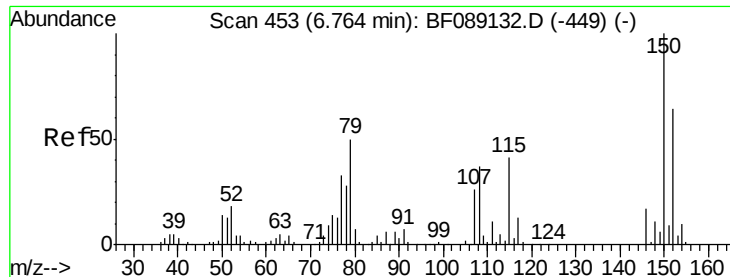
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#14
 1,2-Dichlorobenzene
 Concen: 36.65 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
111	42.7	35.9	53.9





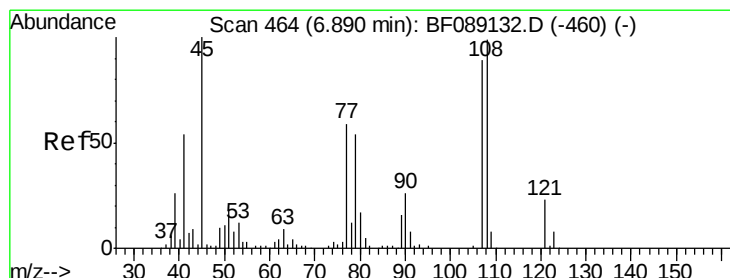
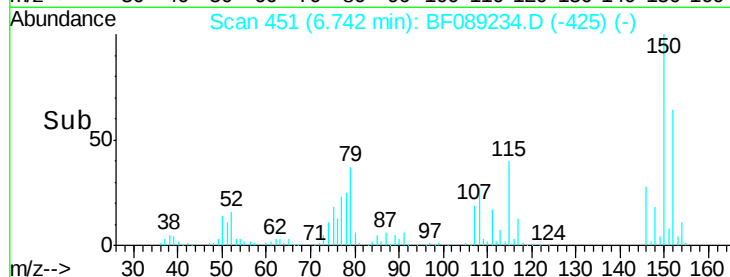
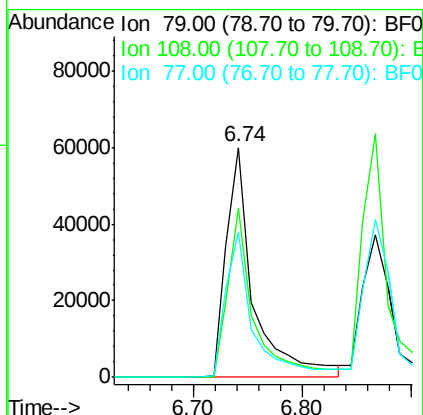
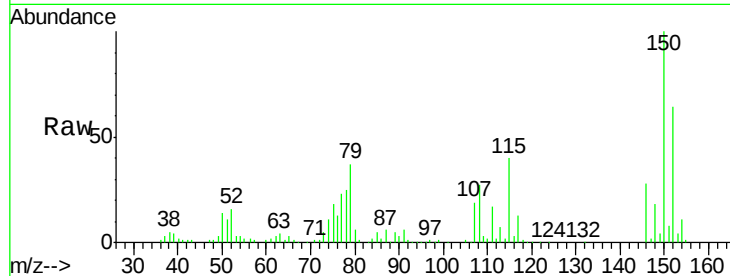
#15
Benzyl Alcohol
Concen: 36.58 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion: 79 Resp: 104487
Ion Ratio Lower Upper
79 100
108 73.6 58.2 87.4
77 63.1 52.2 78.4

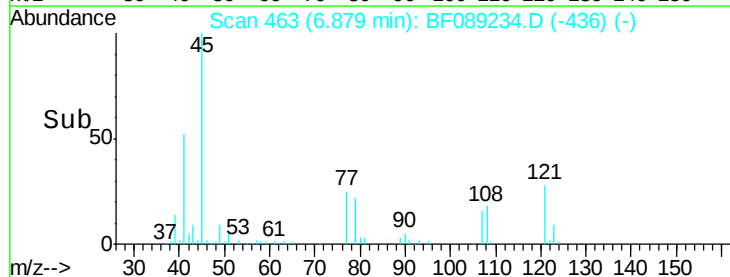
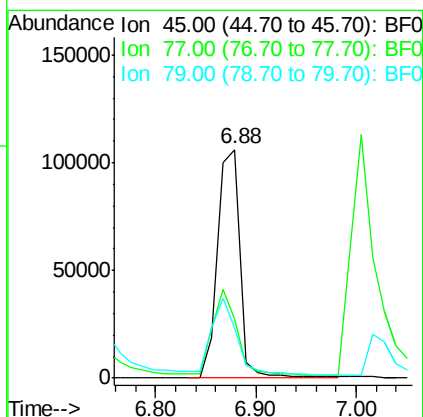
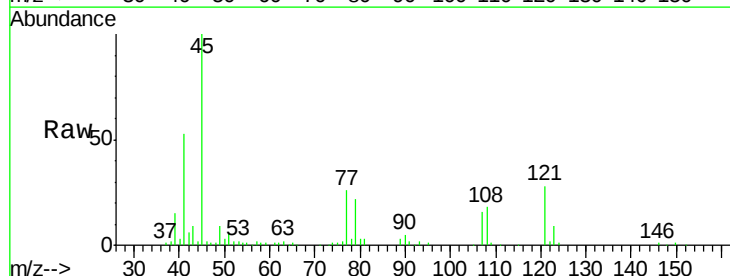
Manual Integrations

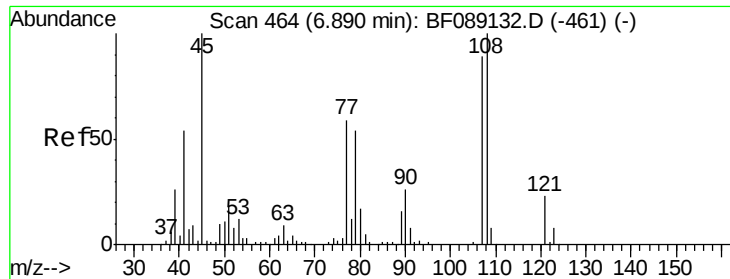
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.02 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion: 45 Resp: 165425
Ion Ratio Lower Upper
45 100
77 25.8 39.7 79.7#
79 22.2 34.7 74.7#





#17

2-Methylphenol

Concen: 33.36 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF089234.D

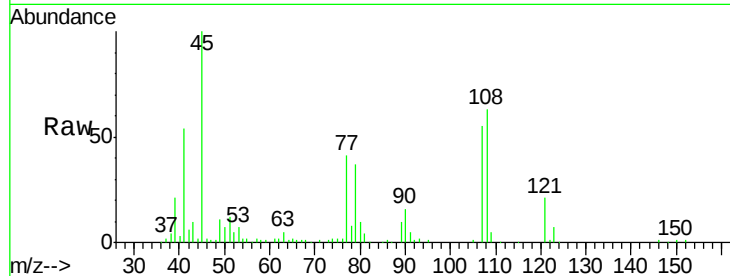
Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD



Tgt Ion:107 Resp: 88181

Ion Ratio Lower Upper

107 100

108 114.7 89.4 134.2

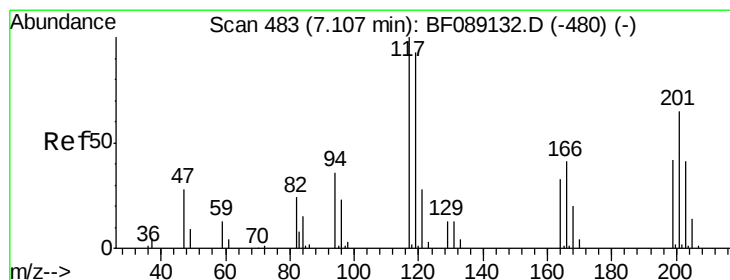
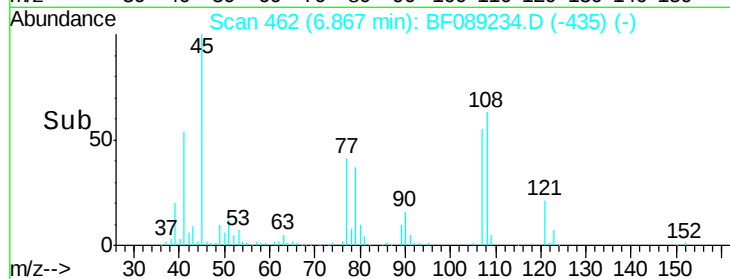
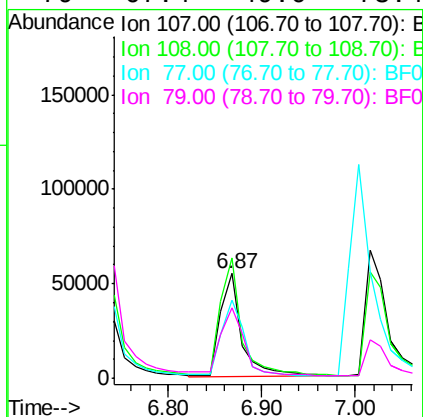
77 74.7 53.4 80.0

79 67.4 49.0 73.4

Manual Integrations

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7/25/2016 6:43:03 PM



#18

Hexachloroethane

Concen: 34.87 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

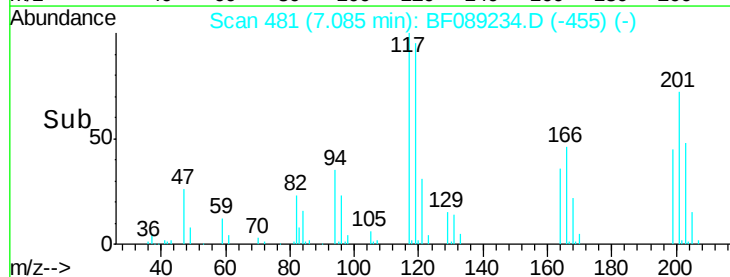
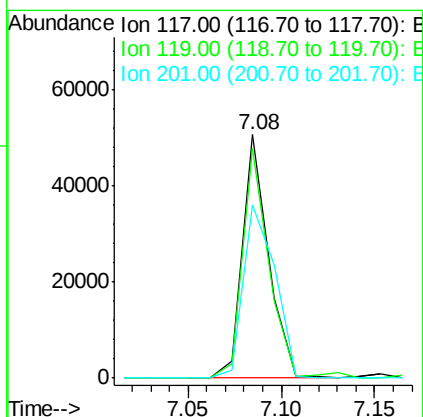
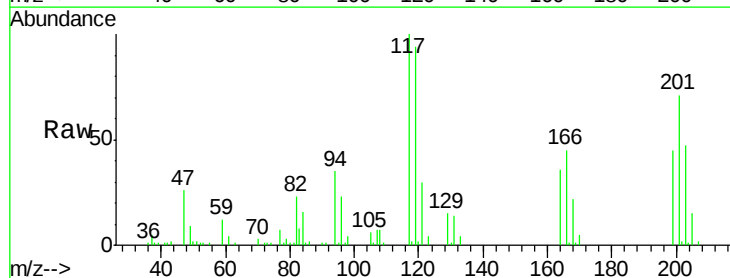
Tgt Ion:117 Resp: 48926

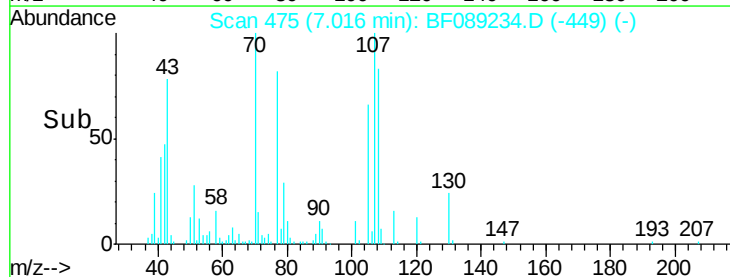
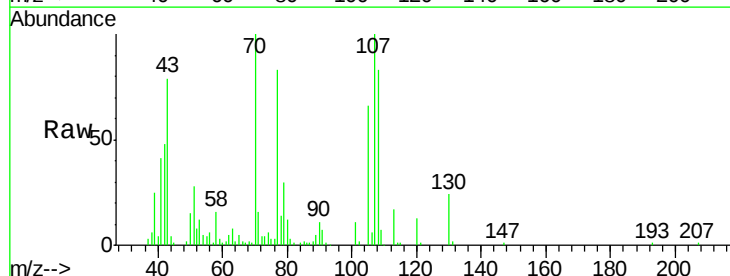
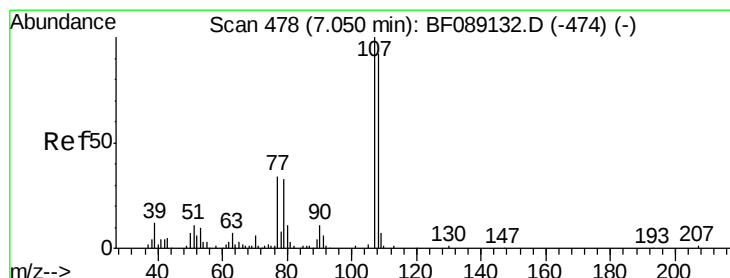
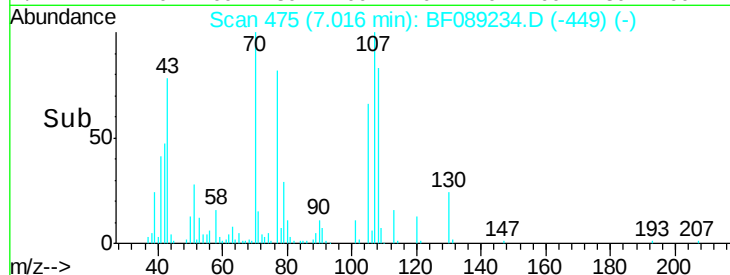
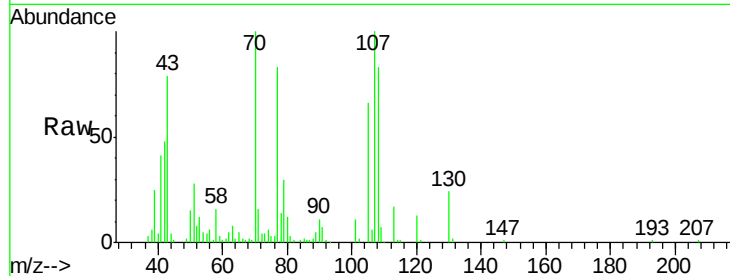
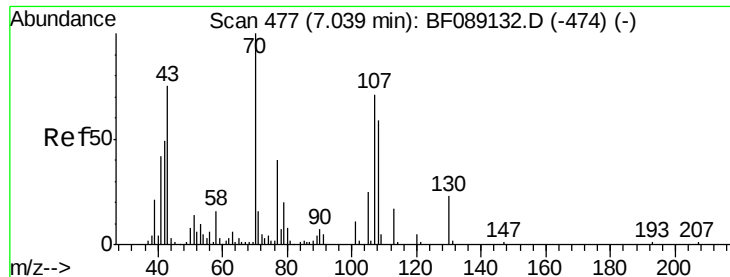
Ion Ratio Lower Upper

117 100

119 94.3 74.5 111.7

201 71.4 51.8 77.6

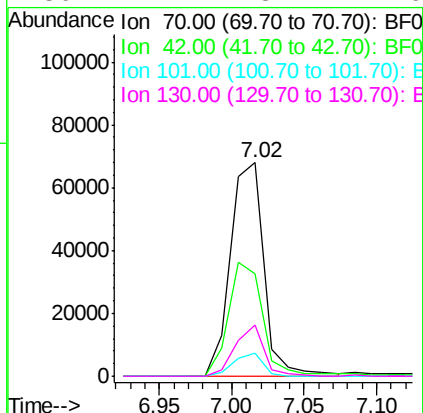




#19
n-Nitroso-di-n-propylamine
Concen: 42.96 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.9	39.2	58.8
101	10.7	8.5	12.7
130	24.1	18.4	27.6

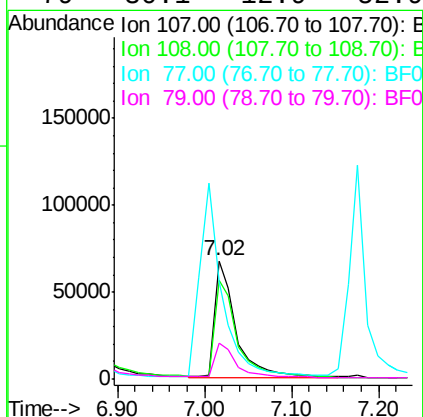


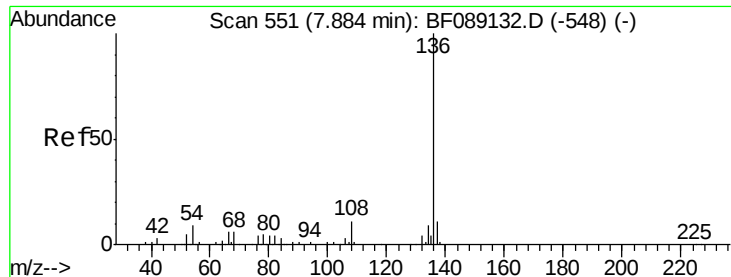
Manual Integrations

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7/25/2016 6:43:03 PM

#20
3+4-Methylphenols
Concen: 32.40 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	82.9	72.5	112.5
77	82.6	17.7	57.7#
79	30.1	12.9	52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

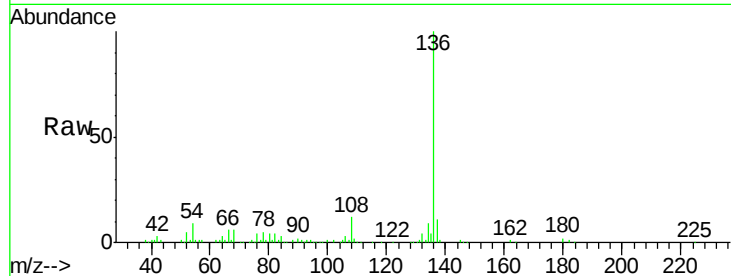
GW-05-5.0-16.0MSD

Tgt	Ion	Resp	Lower	Upper
136	100	195494		
137	10.7	8.8	13.2	
54	8.8	7.0	10.4	
68	6.3	5.0	7.6	

Manual Integrations

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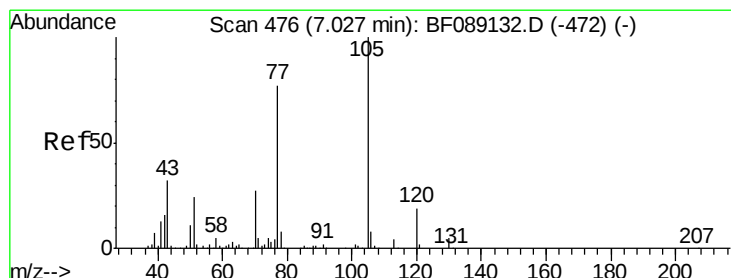
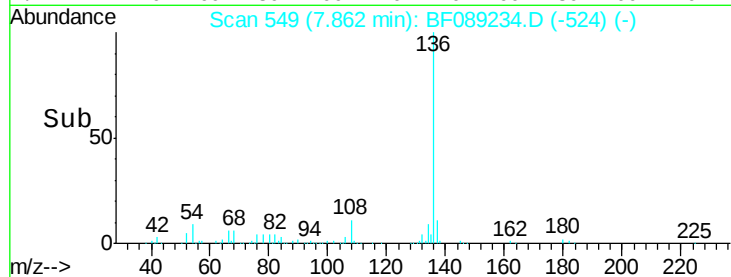
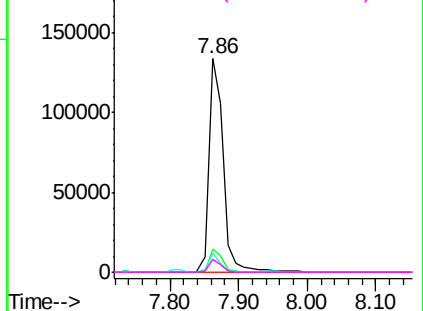
Abundance

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): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.78 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt	Ion	Resp	Lower	Upper
105	100	223347		
71	7.1	3.8	5.6#	
51	23.4	19.6	29.4	
120	19.9	15.5	23.3	

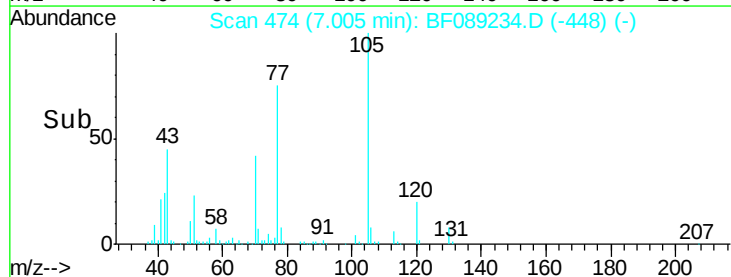
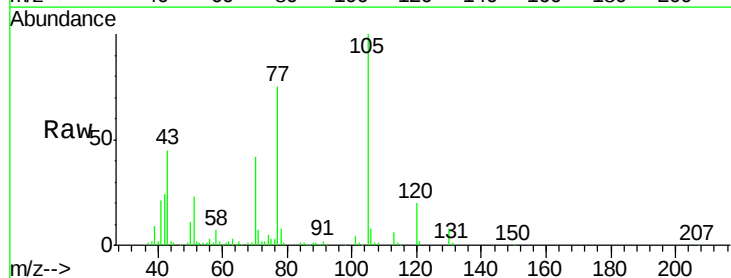
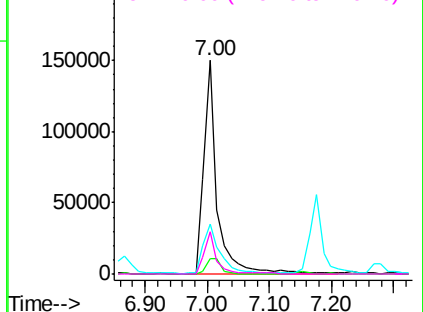
Abundance

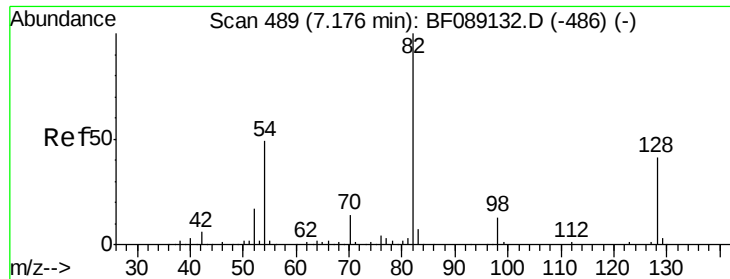
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





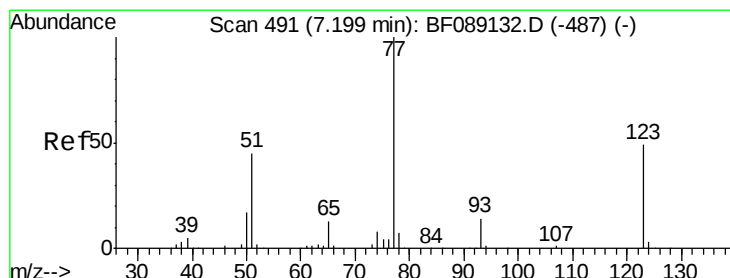
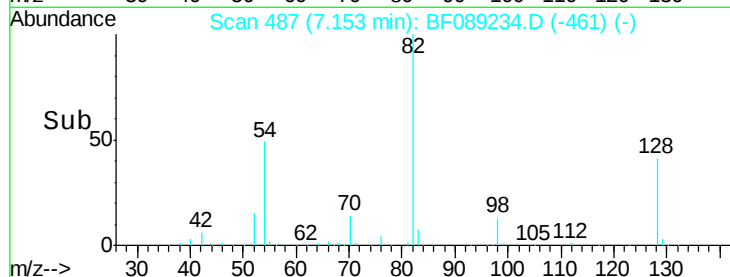
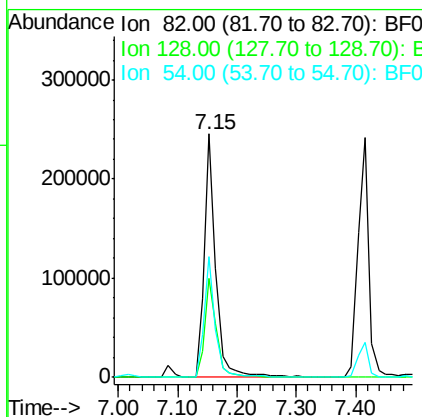
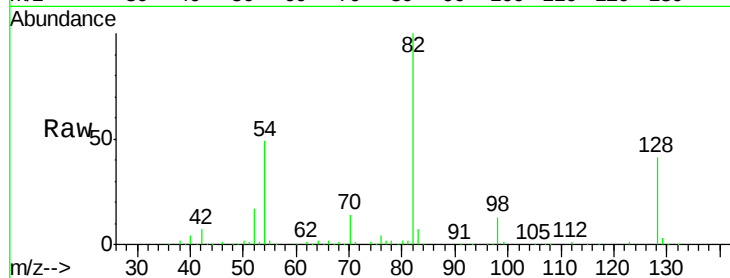
#23
Nitrobenzene-d5
Concen: 92.88 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.6
54	49.4	39.0	58.4

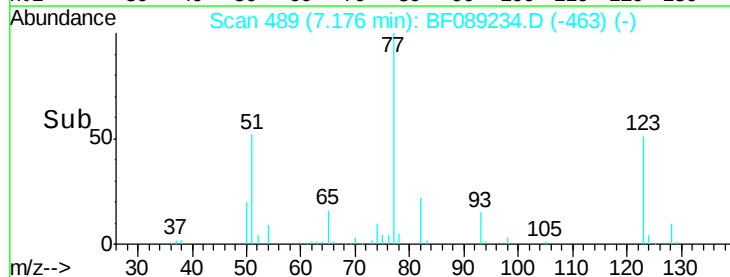
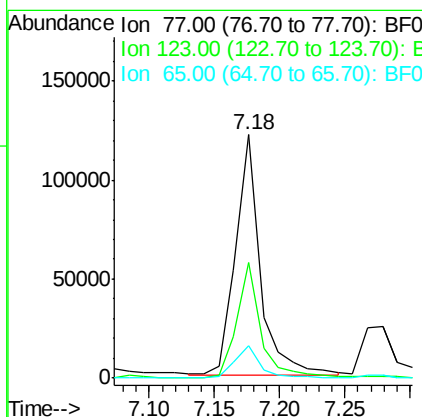
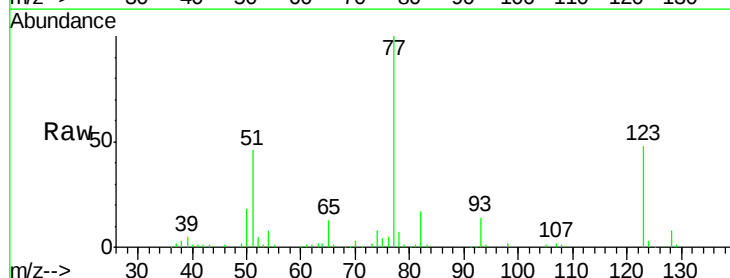
Manual Integrations

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#24
Nitrobenzene
Concen: 41.72 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	38.9	58.3
65	13.1	10.6	15.8





#25

Isophorone

Concen: 44.55 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

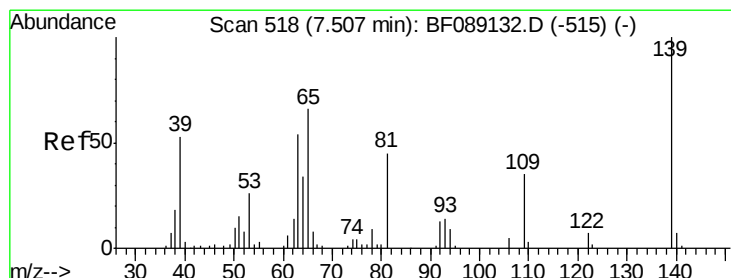
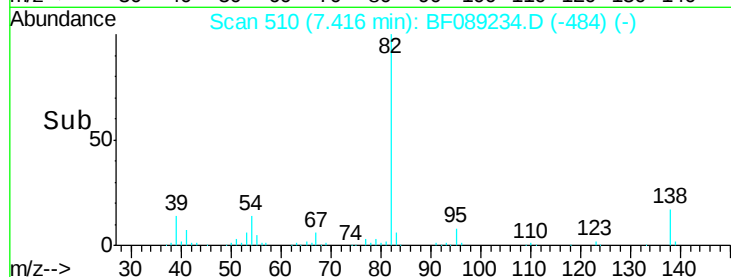
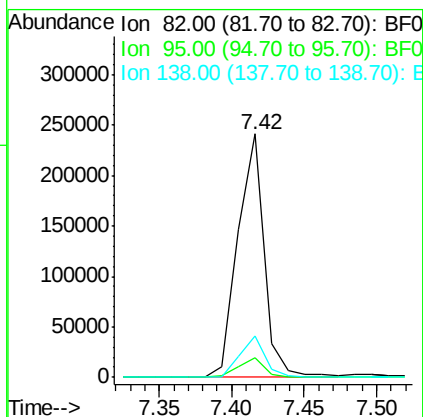
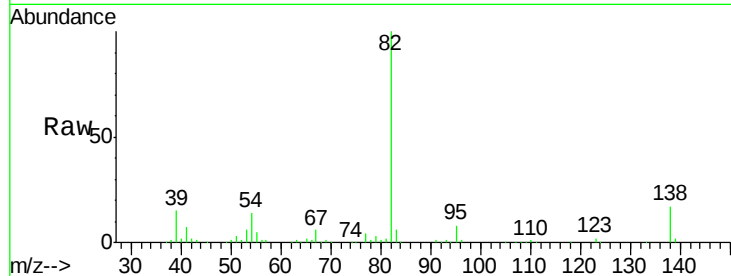
GW-05-5.0-16.0MSD

Tgt Ion:	82	Resp:	302117
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.1	9.1
138	17.1	13.6	20.4

Manual Integrations

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7/25/2016 6:43:03 PM



#26

2-Nitrophenol

Concen: 40.86 ng

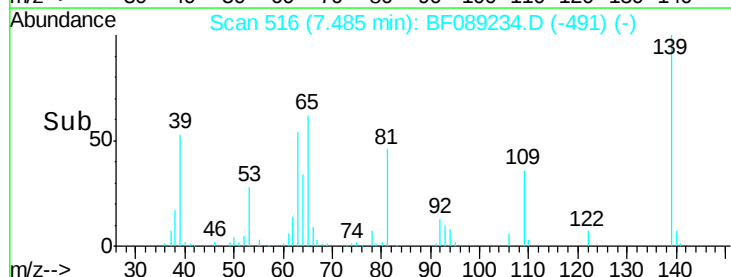
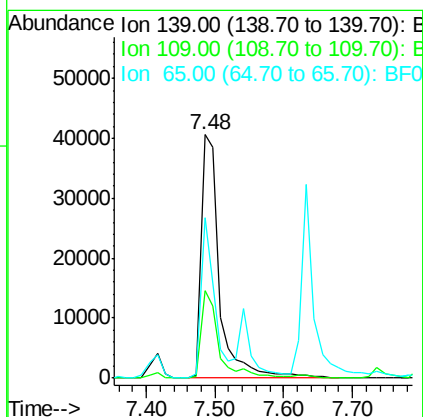
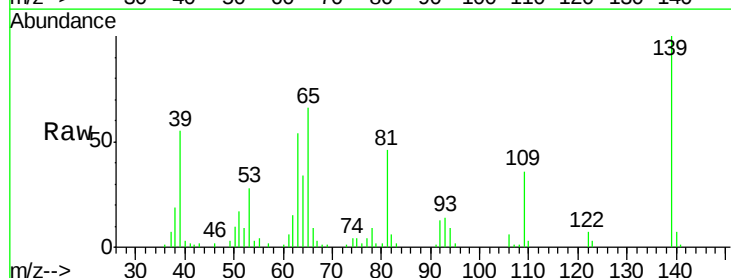
RT: 7.48 min Scan# 516

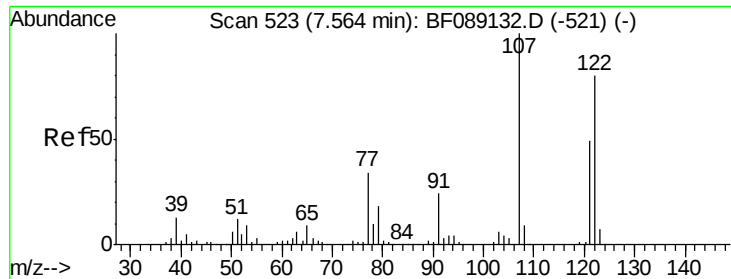
Delta R.T. -0.01 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion:	139	Resp:	73951
Ion Ratio	Lower	Upper	
139	100		
109	36.0	28.1	42.1
65	66.0	52.7	79.1





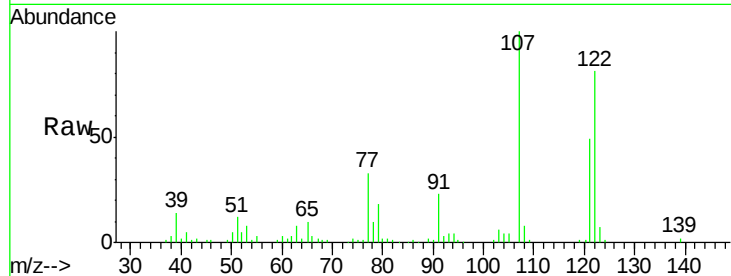
#27
2,4-Dimethylphenol
Concen: 34.91 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

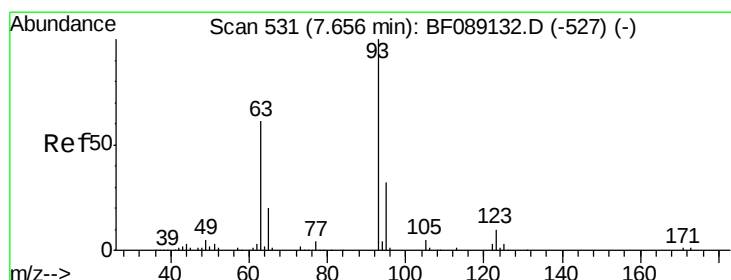
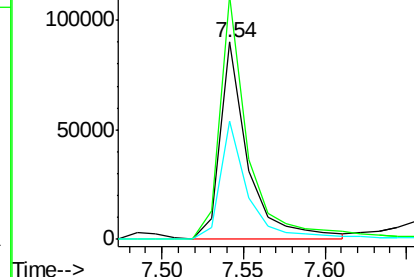
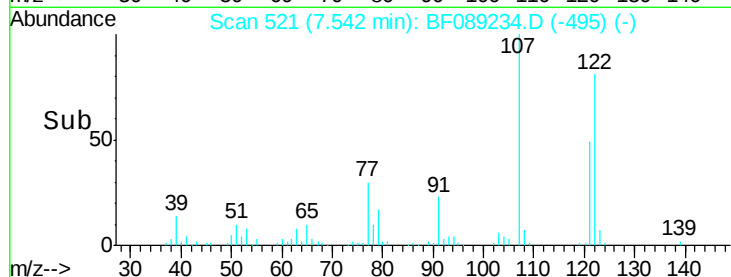
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	106444		
107	123.4	99.7	149.5	
121	60.1	48.5	72.7	

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7/25/2016 6:43:03 PM

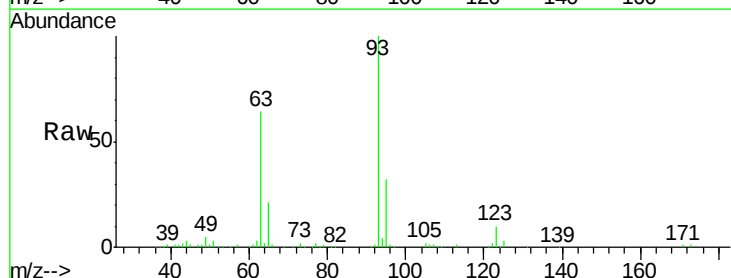


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

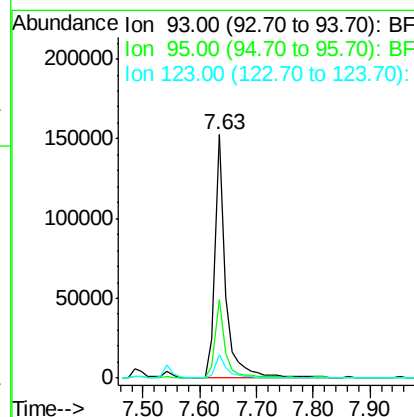
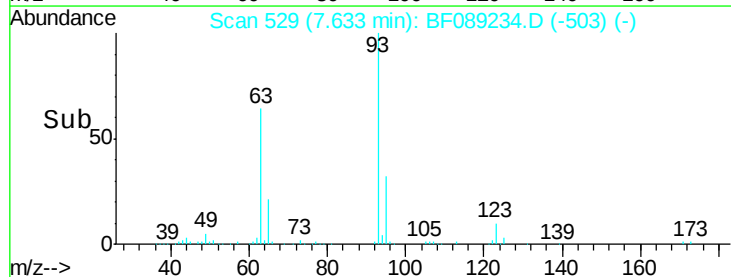


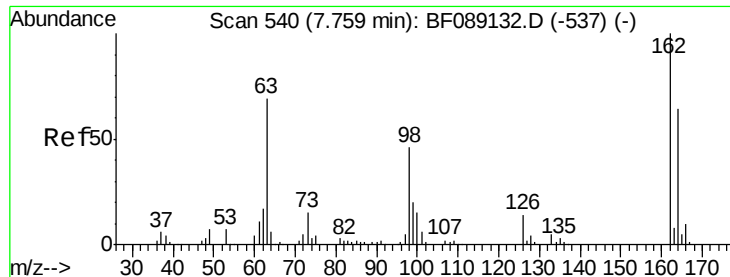
#28
bis(2-Chloroethoxy)methane
Concen: 45.69 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	193786		
95	32.1	25.4	38.0	
123	9.9	8.3	12.5	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





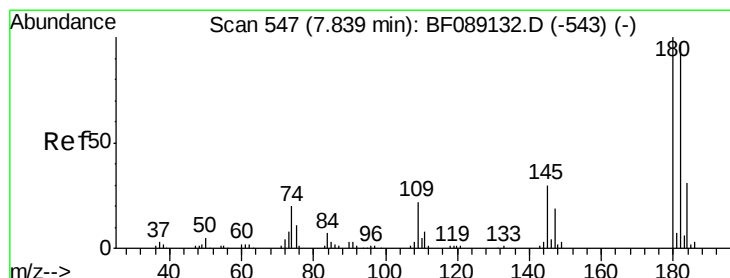
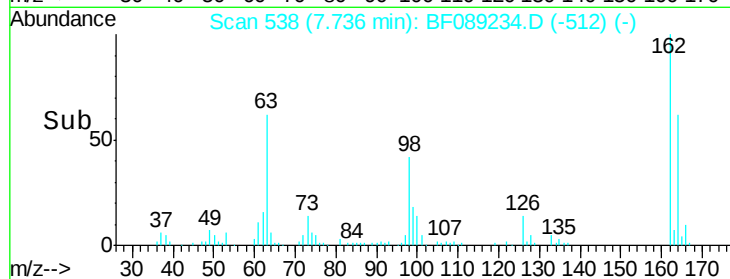
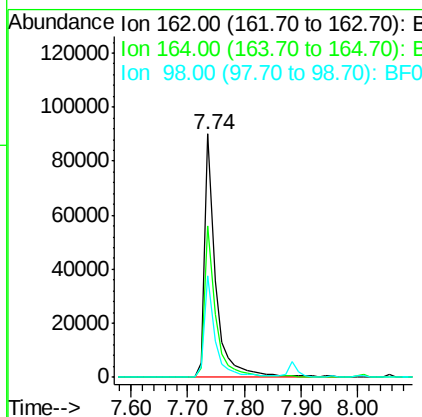
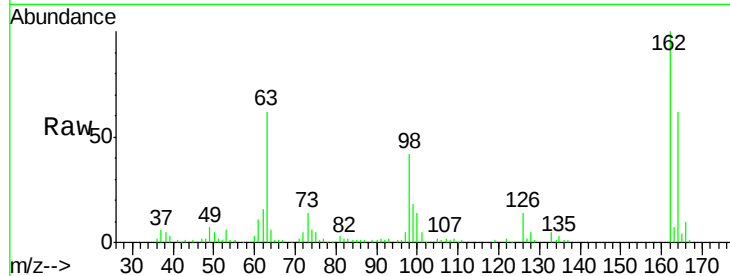
#29
 2,4-Dichlorophenol
 Concen: 42.80 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	117601		
164	62.2	44.0	84.0	
98	41.9	26.0	66.0	

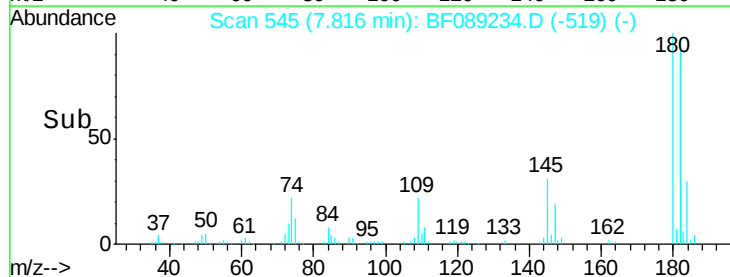
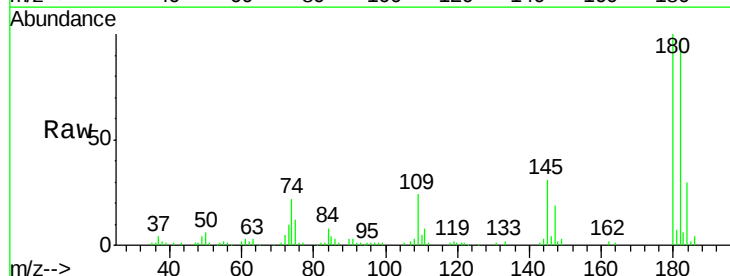
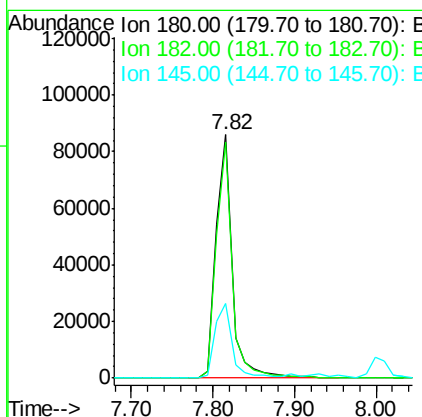
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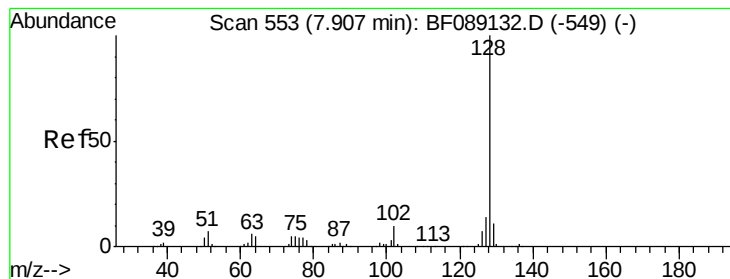
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 7/25/2016 6:43:03 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.77 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	117944		
182	96.8	77.6	116.4	
145	30.8	24.0	36.0	





#31

Naphthalene

Concen: 37.44 ng m

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089234.D

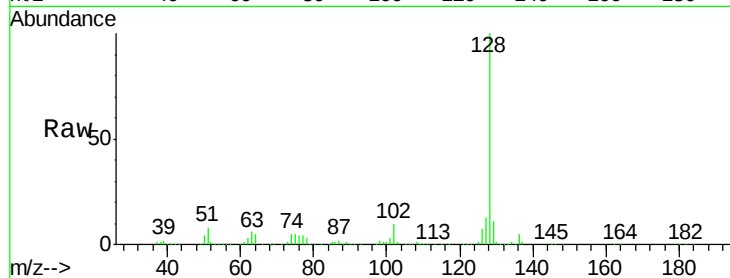
Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD

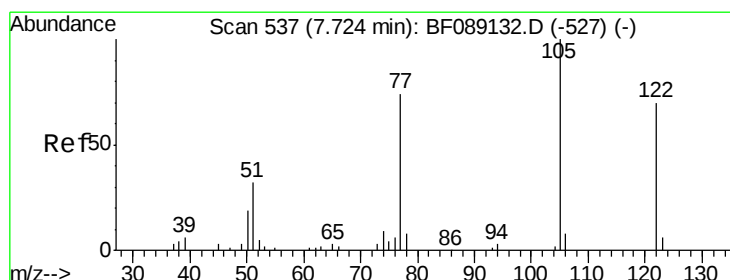
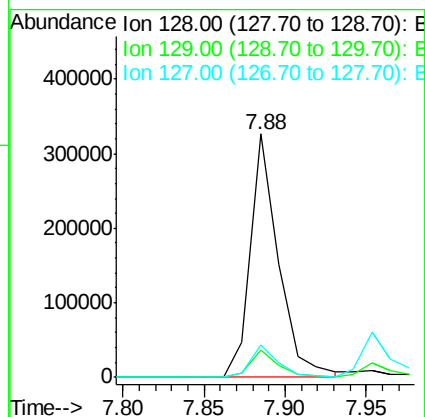


Tgt Ion:	128	Resp:	395054
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.9	13.3
127	13.3	10.8	16.2

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7/25/2016 6:43:03 PM



#32

Benzoic acid

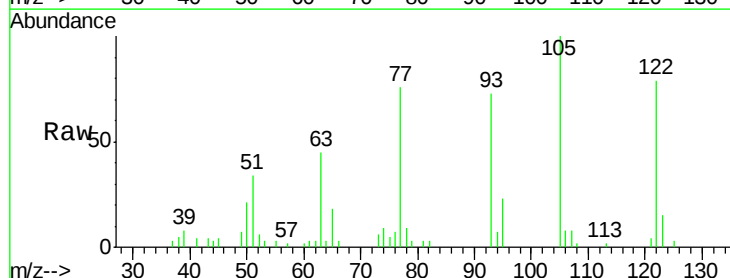
Concen: 13.28 ng

RT: 7.67 min Scan# 532

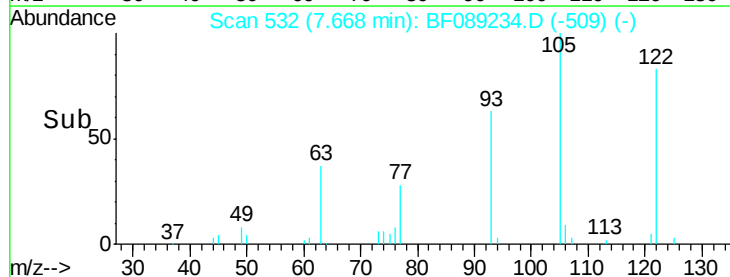
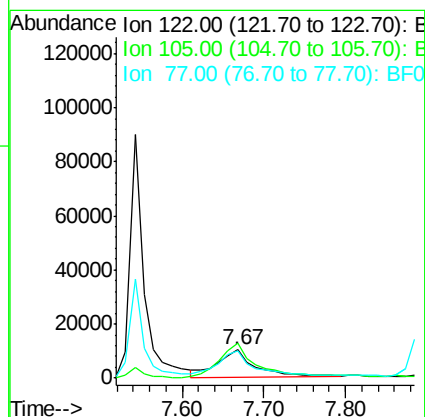
Delta R.T. -0.03 min

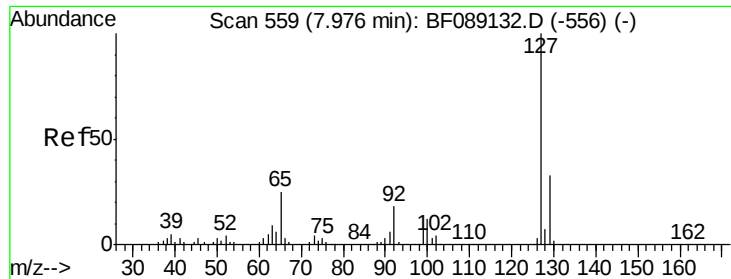
Lab File: BF089234.D

Acq: 23 Jul 2016 13:30



Tgt Ion:	122	Resp:	31148
Ion Ratio	Lower	Upper	
122	100		
105	126.3	119.0	159.0
77	96.4	84.7	124.7





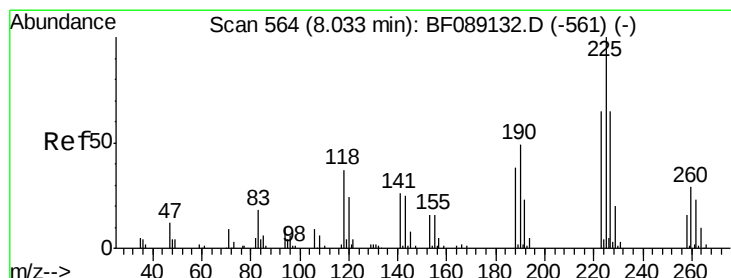
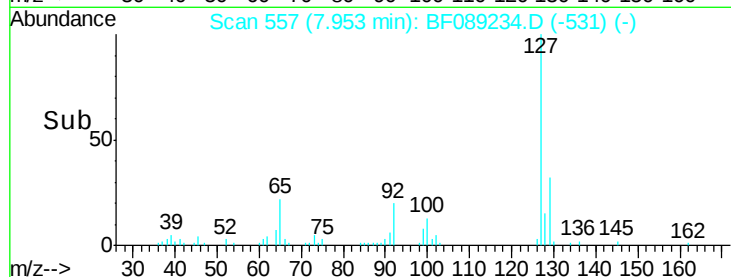
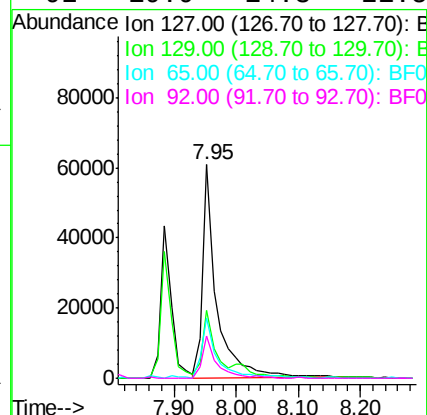
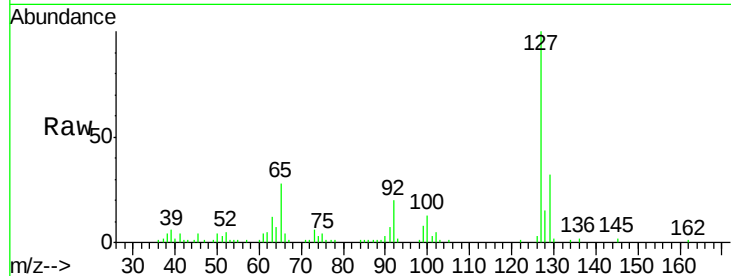
#33
4-Chloroaniline
Concen: 21.62 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.1	19.7	29.5
92	19.9	14.3	21.5

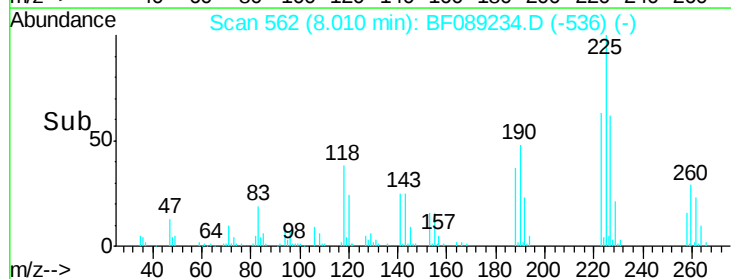
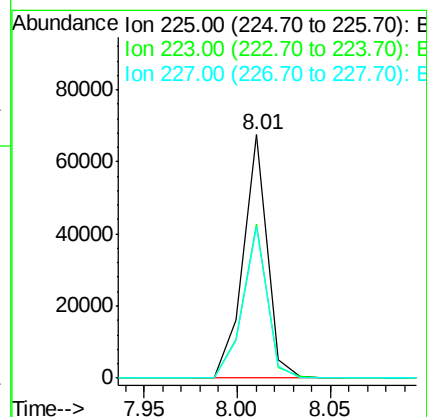
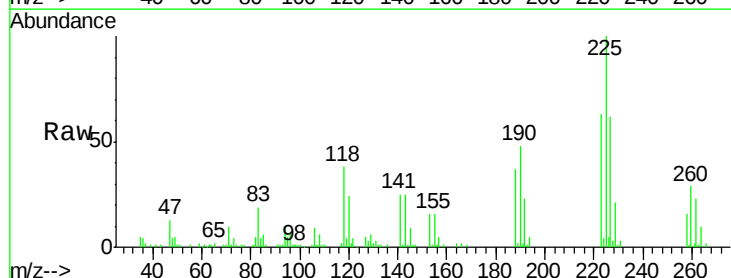
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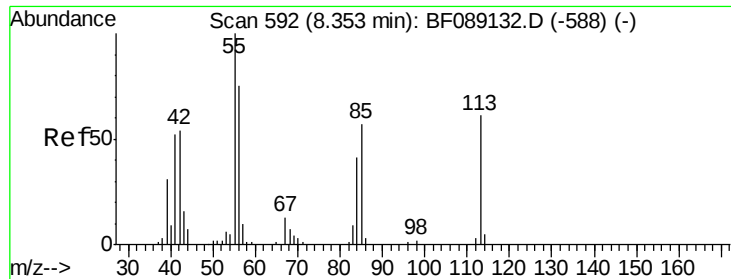
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7/25/2016 6:43:03 PM



#34
Hexachlorobutadiene
Concen: 36.17 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.6	77.4
227	62.1	51.6	77.4





#35

Caprolactam

Concen: 12.02 ng m

RT: 8.33 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

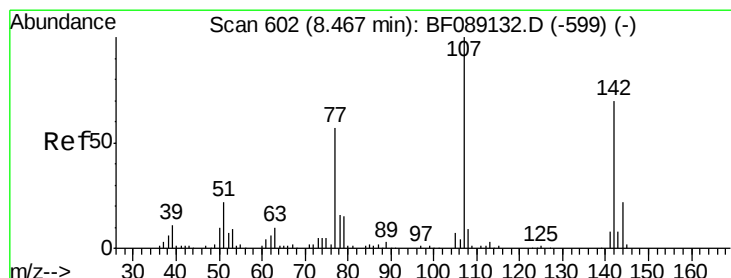
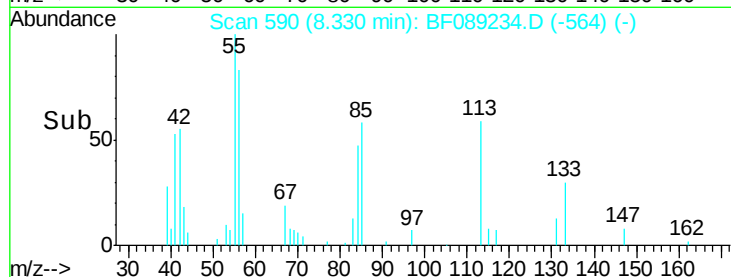
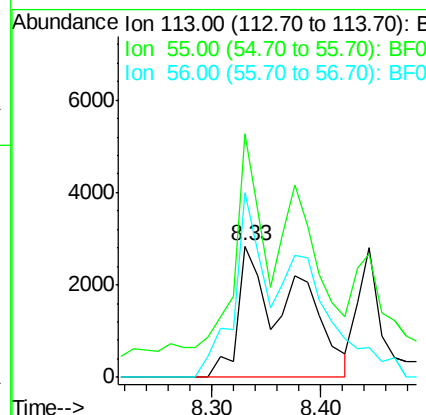
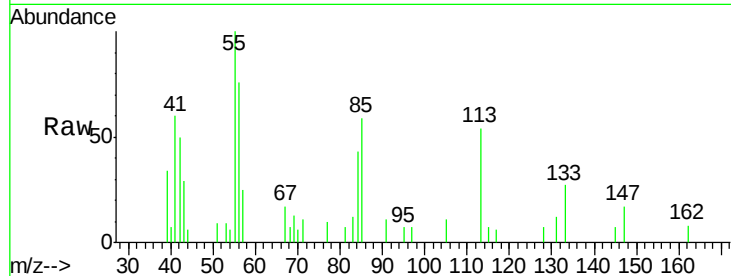
GW-05-5.0-16.0MSD

Tgt Ion:113 Resp: 10258
 Ion Ratio Lower Upper
 113 100
 55 185.7 145.3 185.3#
 56 141.0 104.3 144.3

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7/25/2016 6:43:03 PM



#36

4-Chloro-3-methylphenol

Concen: 39.52 ng

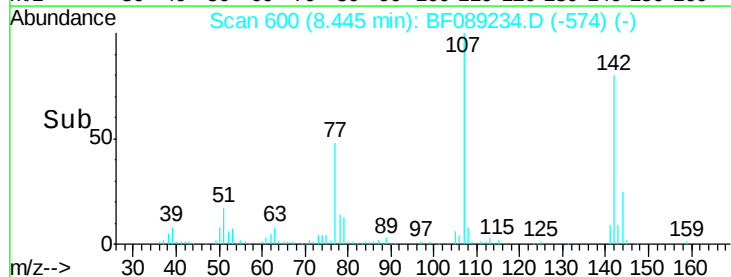
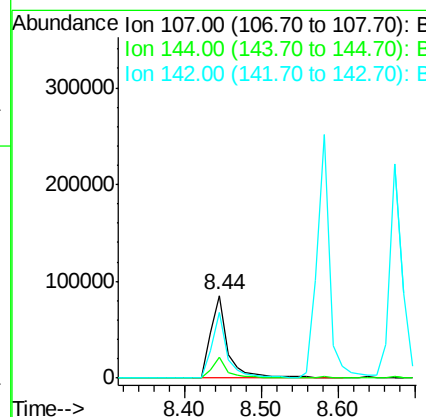
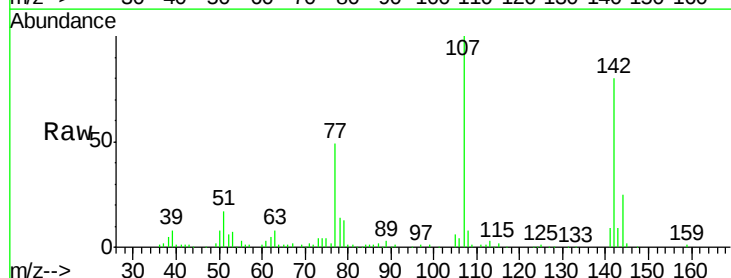
RT: 8.44 min Scan# 600

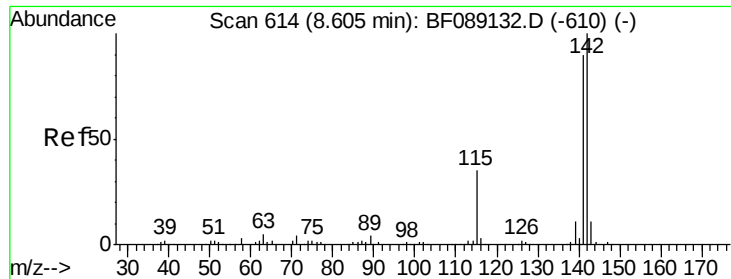
Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion:107 Resp: 130840
 Ion Ratio Lower Upper
 107 100
 144 24.9 17.8 26.6
 142 79.8 56.1 84.1





#37

2-Methylnaphthalene

Concen: 42.13 ng

RT: 8.58 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

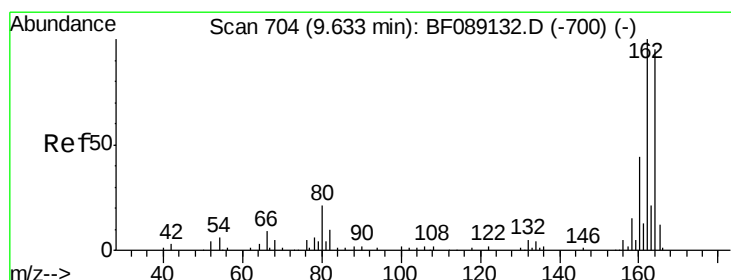
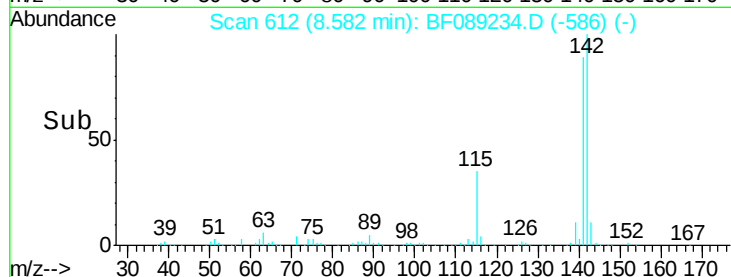
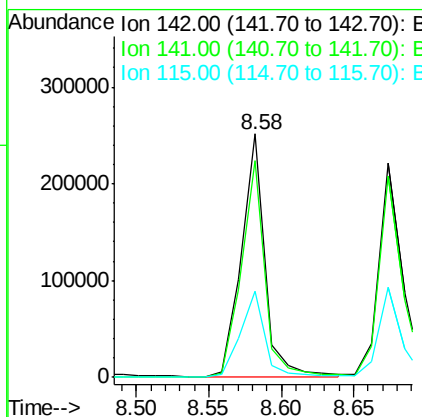
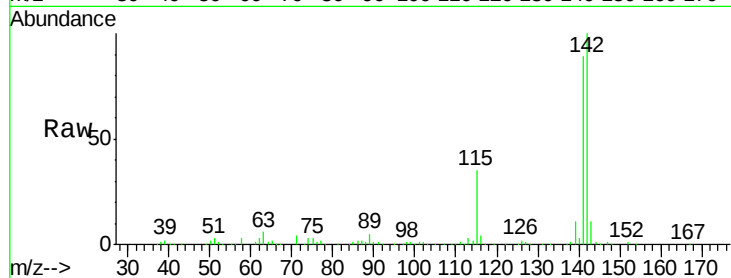
GW-05-5.0-16.0MSD

Tgt Ion:	142	Resp:	283477
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.6	107.4
115	35.3	27.6	41.4

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7/25/2016 6:43:03 PM



#38

Acenaphthene-d10

Concen: 20.00 ng

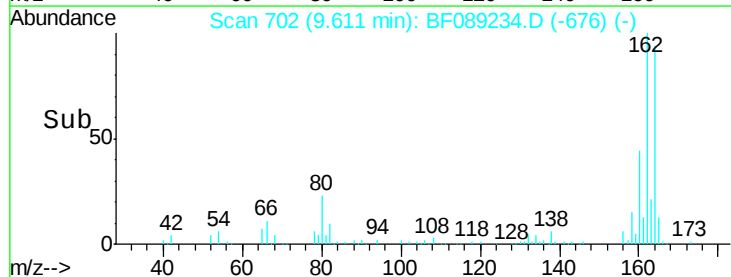
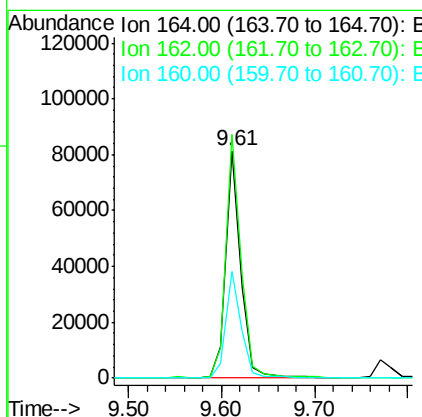
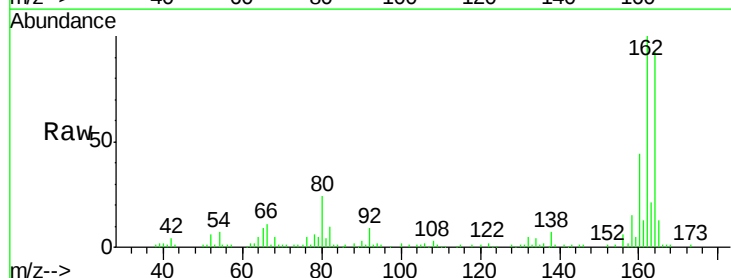
RT: 9.61 min Scan# 702

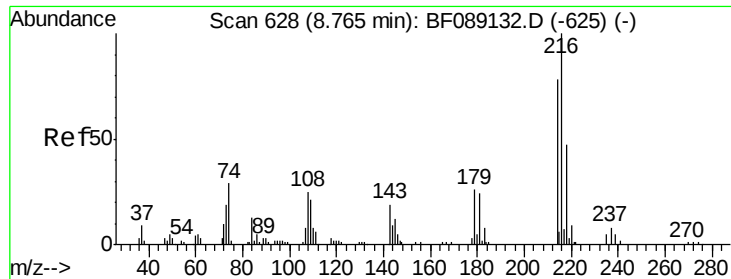
Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion:	164	Resp:	91632
Ion Ratio	Lower	Upper	
164	100		
162	107.0	84.1	126.1
160	46.8	37.1	55.7





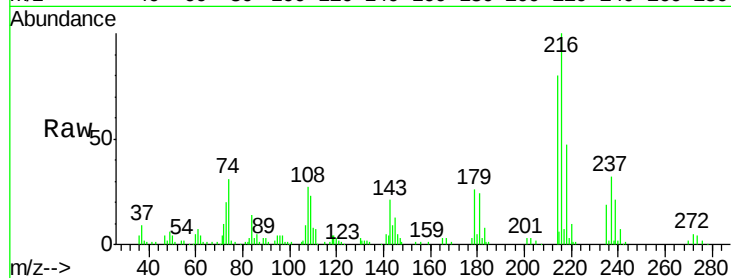
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.30 ng
 RT: 8.74 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

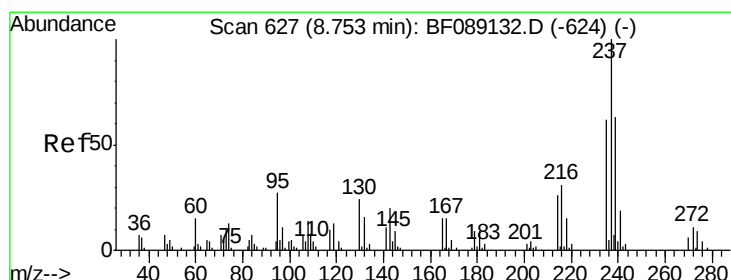
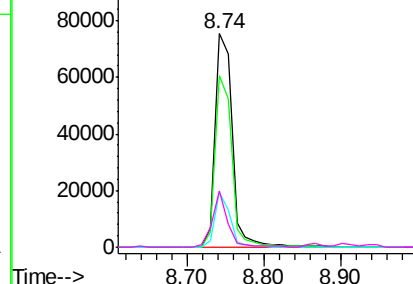
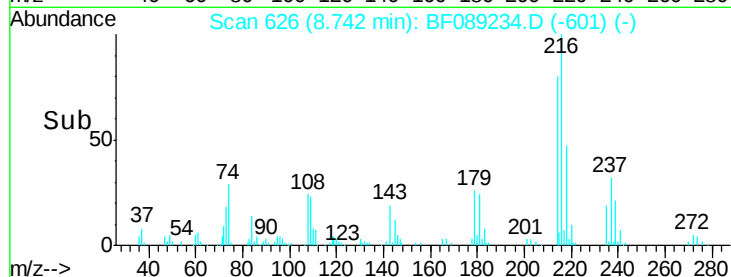
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	116825		
214	78.4	61.9	92.9	
179	22.3	18.4	27.6	
108	23.2	17.0	25.6	

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 7/25/2016 6:43:03 PM

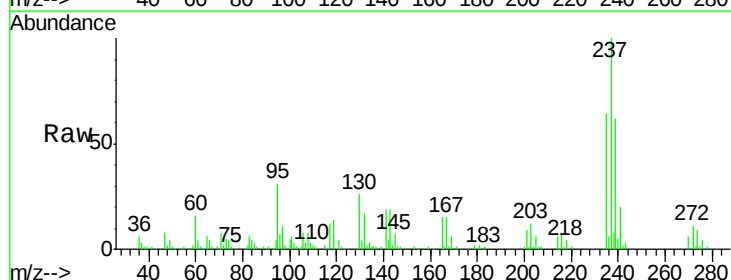


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

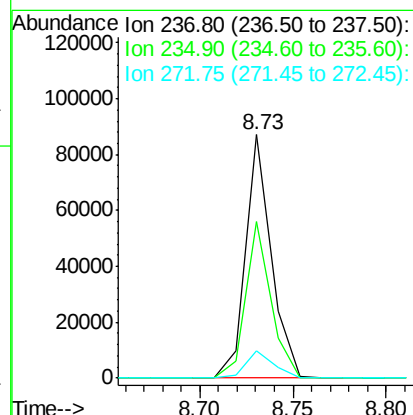
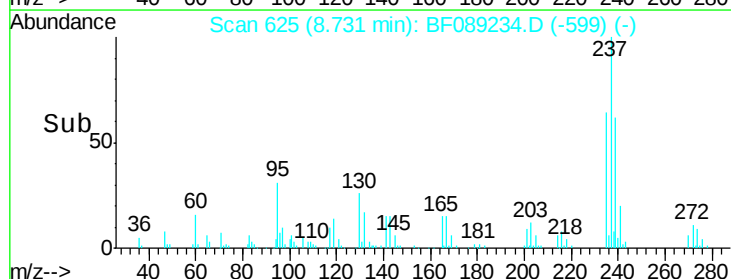


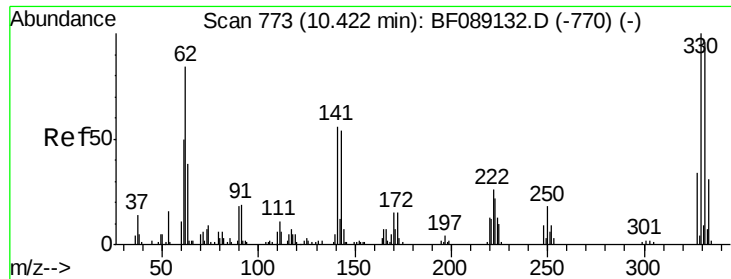
#40
 Hexachlorocyclopentadiene
 Concen: 73.81 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	83324		
235	64.4	42.1	82.1	
272	11.2	0.0	31.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





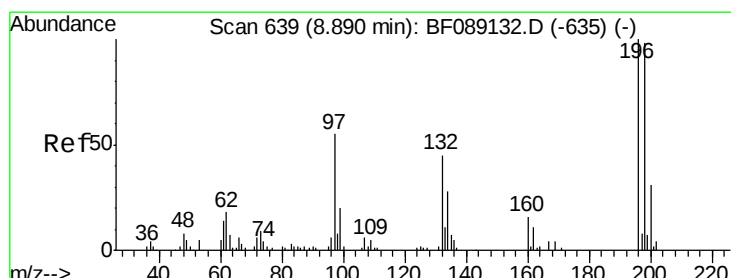
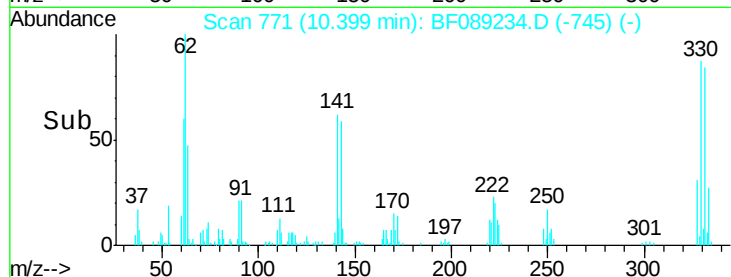
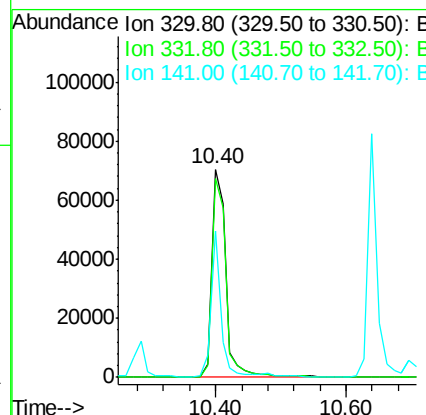
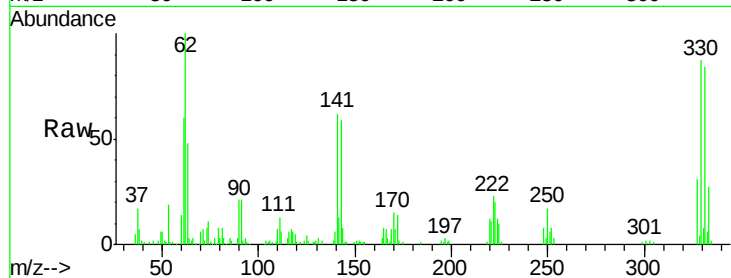
#41
 2,4,6-Tribromophenol
 Concen: 129.29 ng
 RT: 10.40 min Scan# 771
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	47.6	42.2	63.2

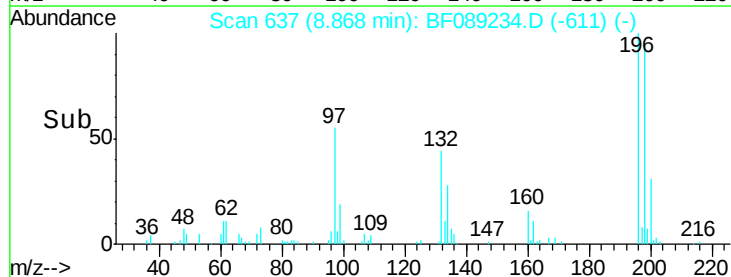
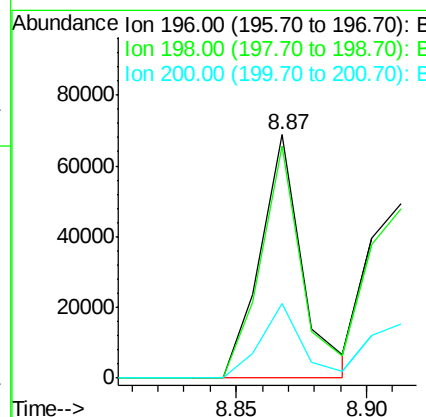
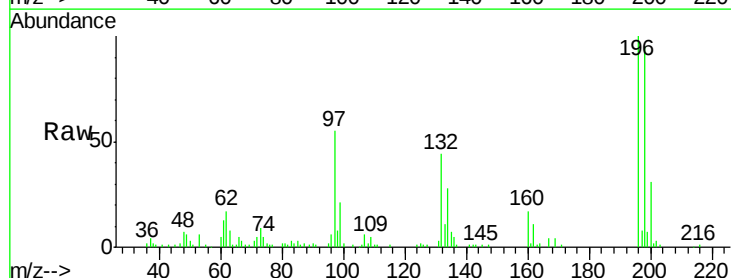
Manual Integrations

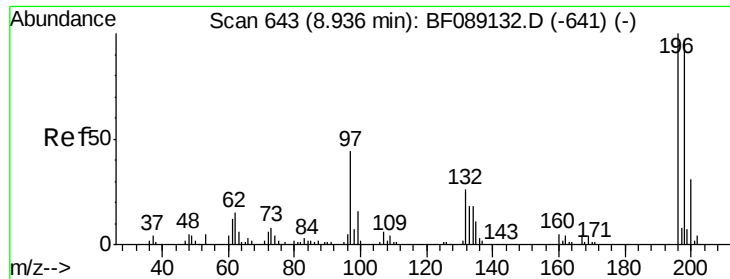
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#42
 2,4,6-Trichlorophenol
 Concen: 40.66 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.3	117.5
200	30.6	25.0	37.4





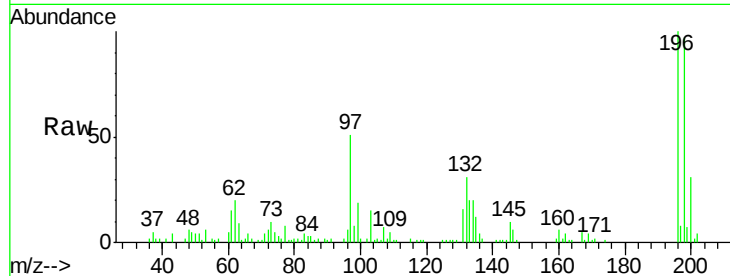
#43
 2,4,5-Trichlorophenol
 Concen: 46.46 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

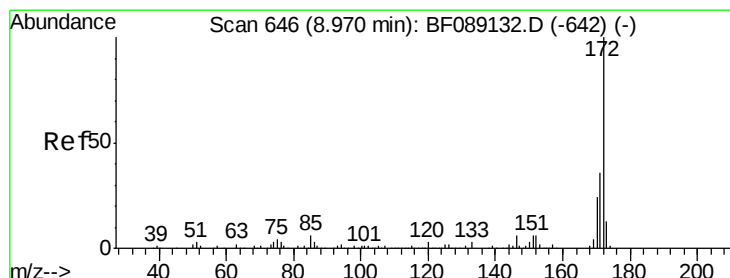
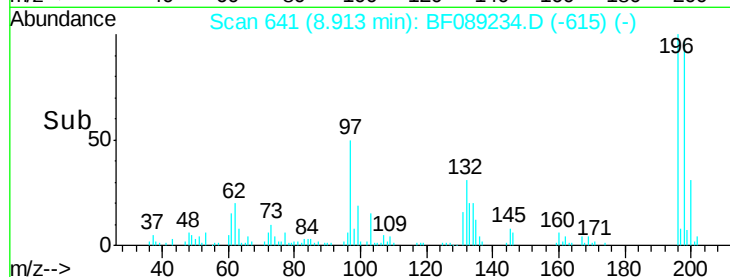
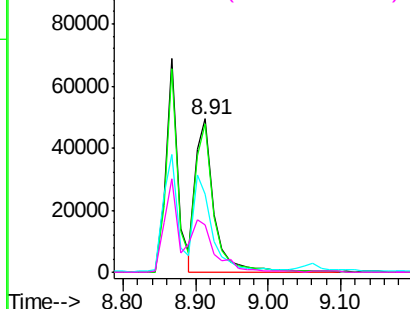
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	88903		
198	96.7	77.6	116.4	
97	50.7	36.5	54.7	
132	30.6	21.2	31.8	

Manual Integrations

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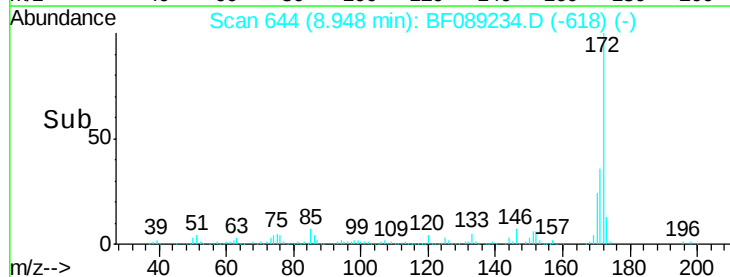
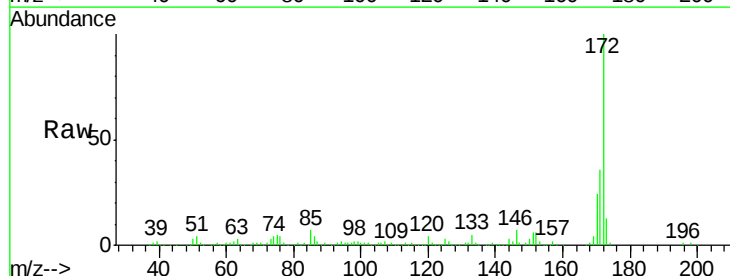
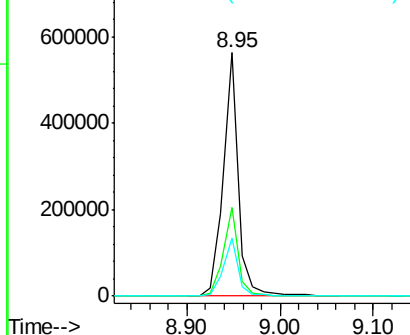
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

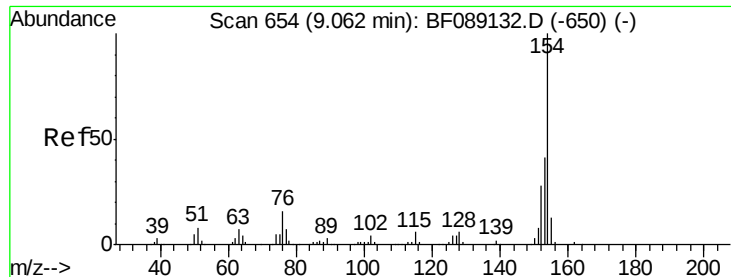


#44
 2-Fluorobiphenyl
 Concen: 94.91 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	631177		
171	36.4	29.2	43.8	
170	24.0	19.1	28.7	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.37 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

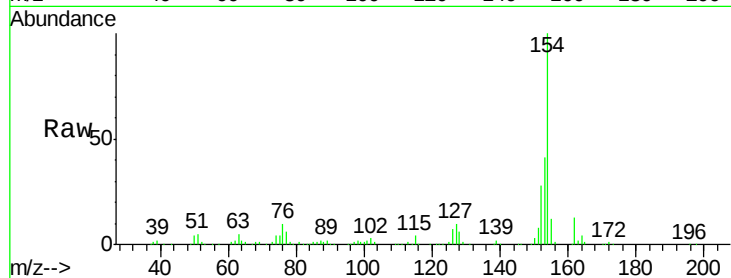
GW-05-5.0-16.0MSD

Tgt Ion:	154	Resp:	333134
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.1	61.1
76	9.6	0.0	35.8

Manual Integrations

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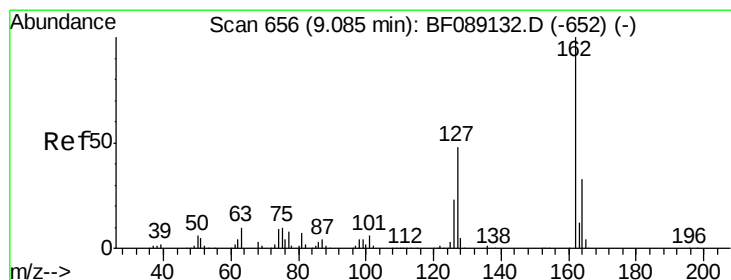
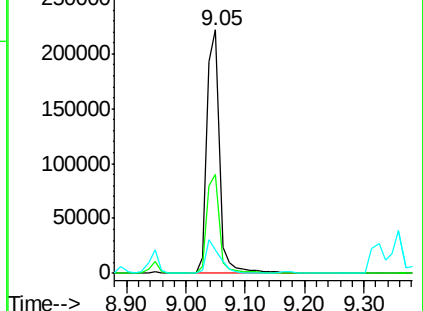
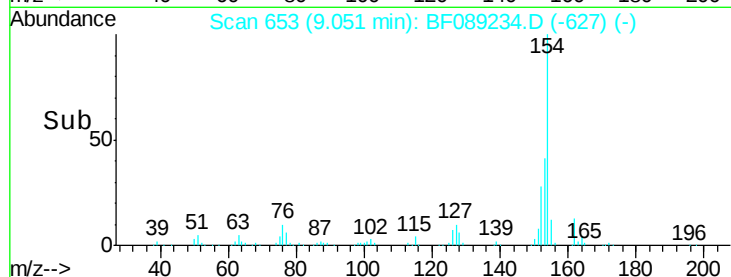
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.68 ng

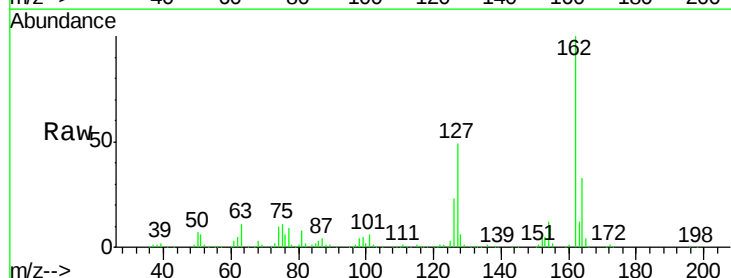
RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

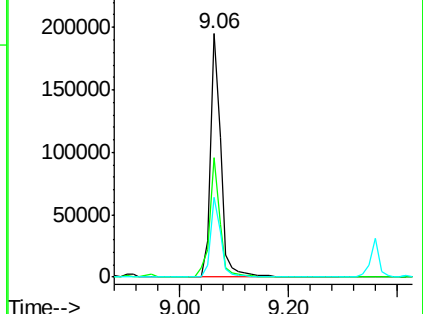
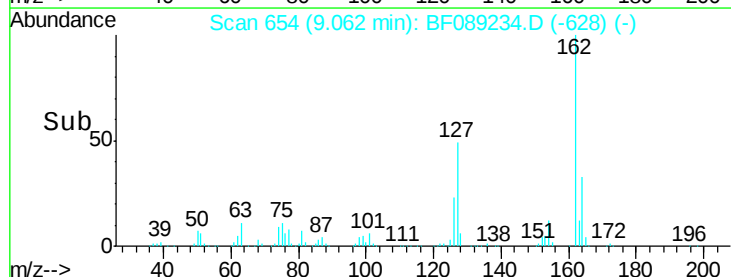
Tgt Ion:	162	Resp:	261348
Ion Ratio	Lower	Upper	
162	100		
127	49.0	38.1	57.1
164	32.6	26.1	39.1

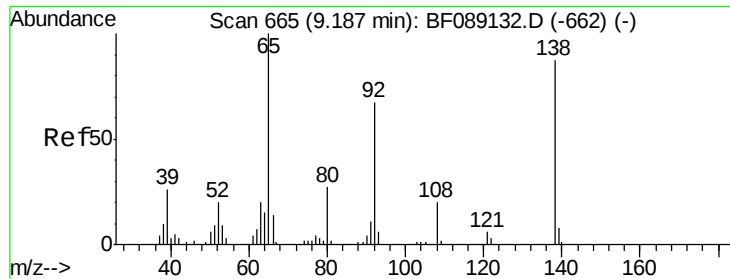


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





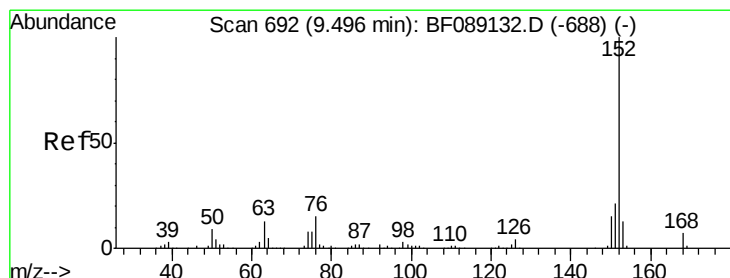
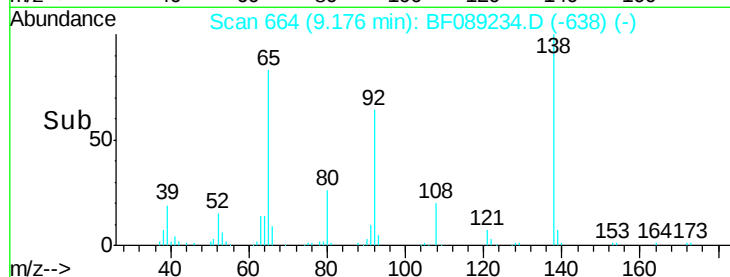
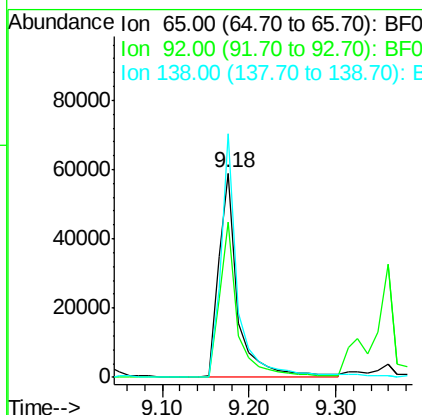
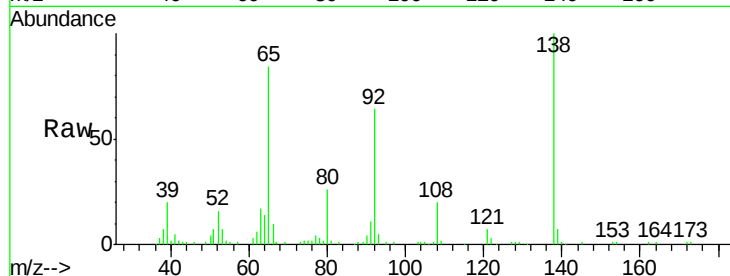
#47
2-Nitroaniline
Concen: 42.35 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion: 65 Resp: 91098
Ion Ratio Lower Upper
65 100
92 76.1 53.2 79.8
138 119.1 69.4 104.2#

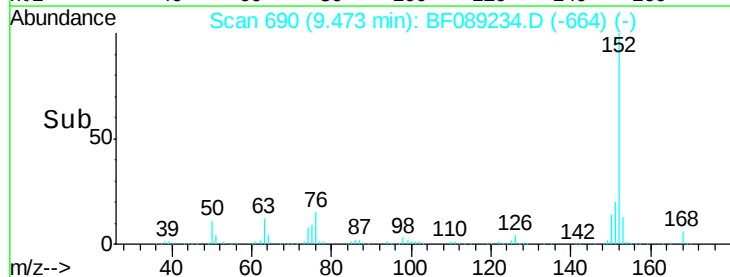
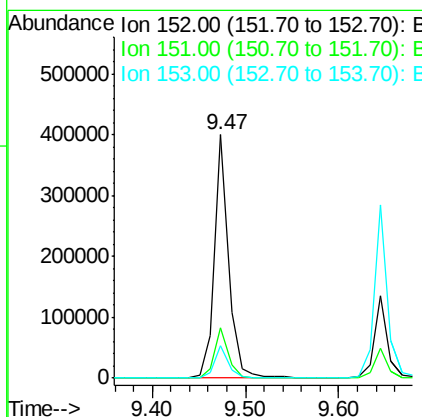
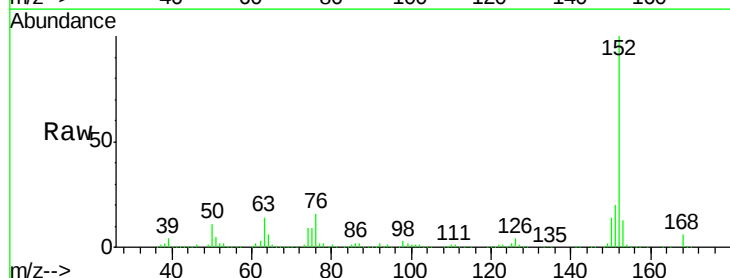
Manual Integrations

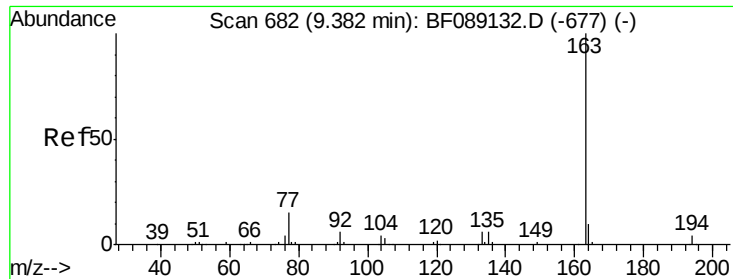
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#48
Acenaphthylene
Concen: 43.08 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion: 152 Resp: 424724
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.2 10.7 16.1





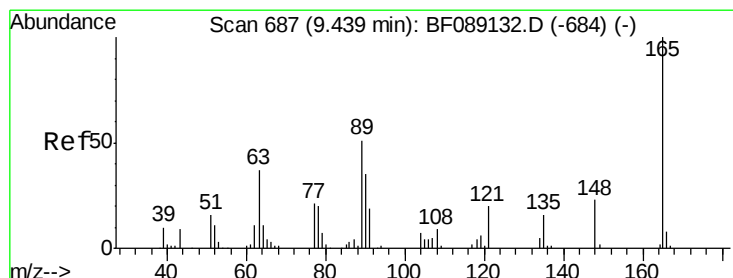
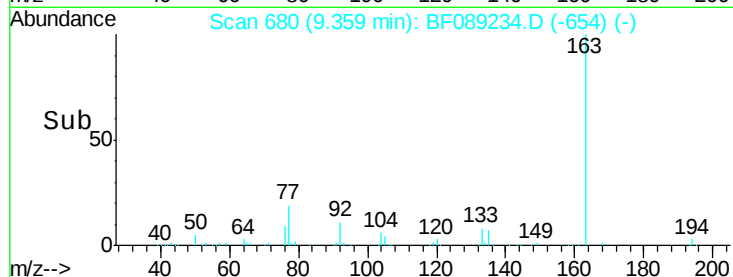
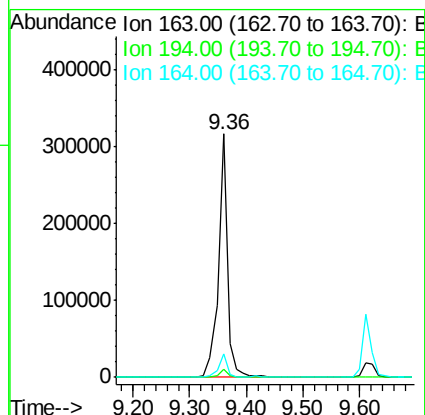
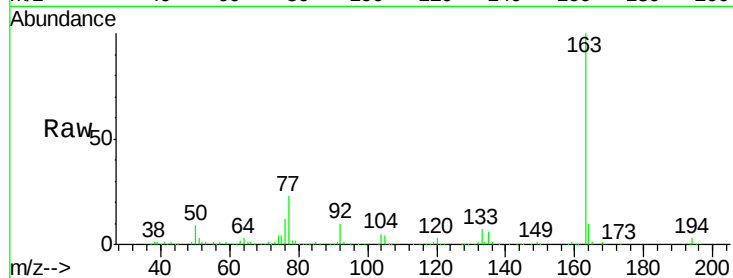
#49
Dimethylphthalate
Concen: 49.58 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	348595		
194	3.1	2.9	4.3	
164	9.9	7.6	11.4	

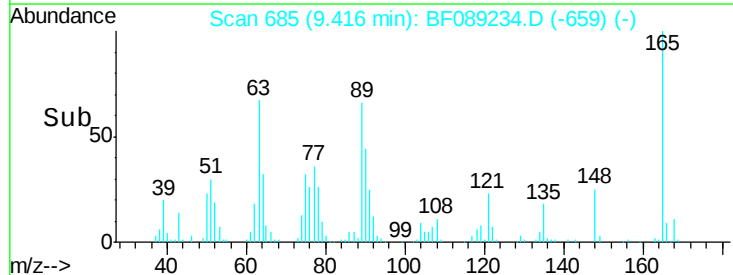
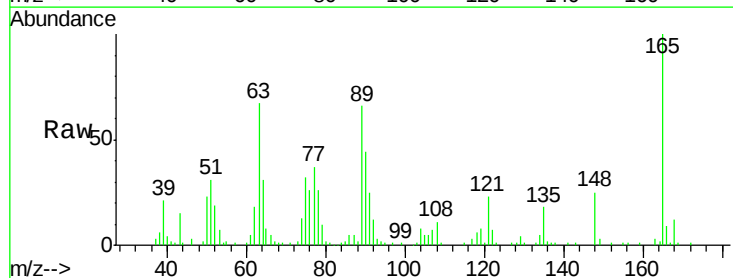
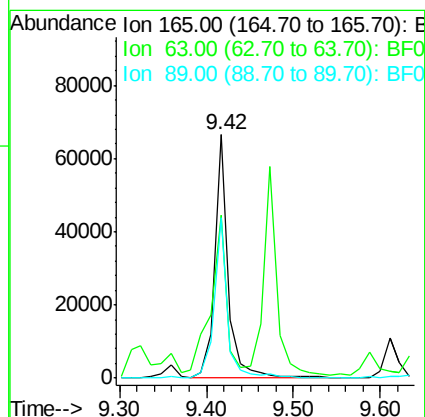
Manual Integrations

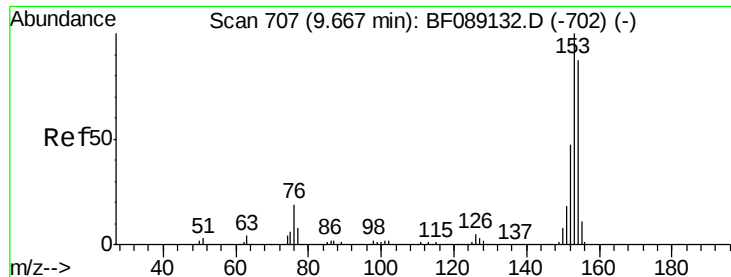
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#50
2,6-Dinitrotoluene
Concen: 45.94 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	72932		
63	67.1	37.0	55.4#	
89	65.9	40.9	61.3#	





#51

Acenaphthene

Concen: 41.90 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

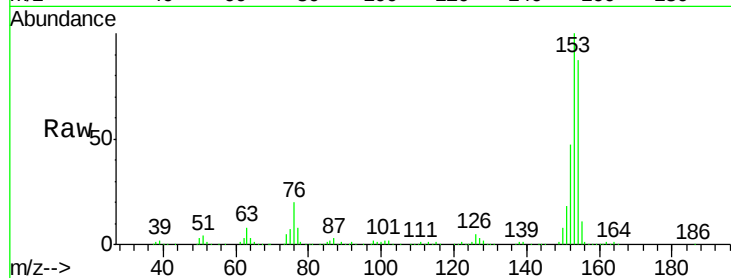
GW-05-5.0-16.0MSD

Tgt Ion:	154	Resp:	244388
Ion Ratio	Lower	Upper	
154	100		
153	115.4	91.9	137.9
152	54.6	42.8	64.2

Manual Integrations

sohil

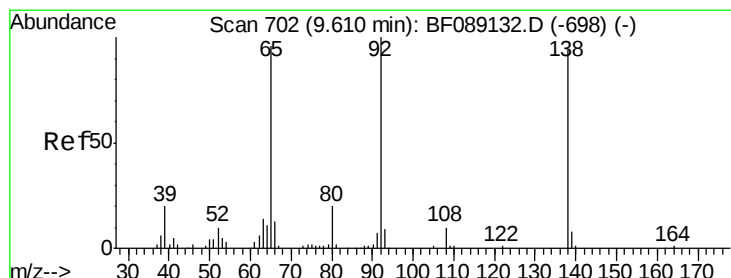
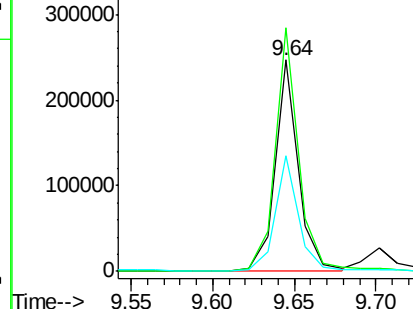
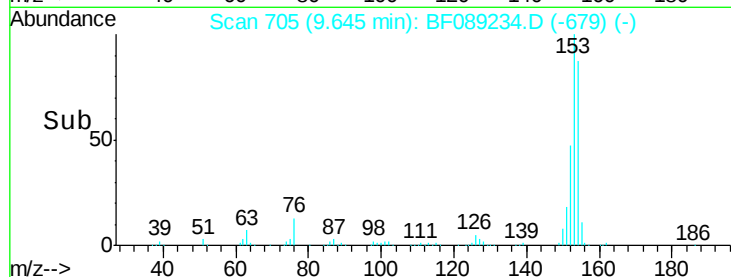
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.71 ng

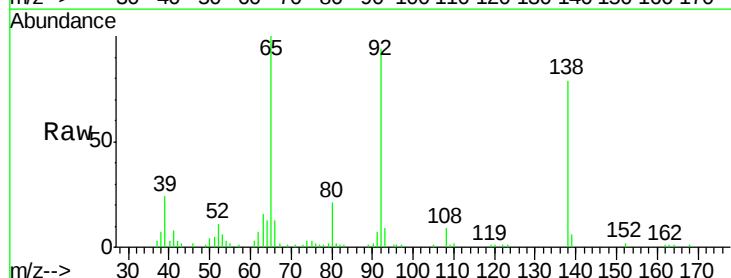
RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

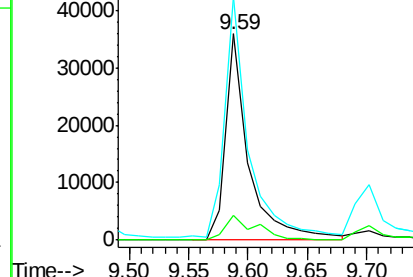
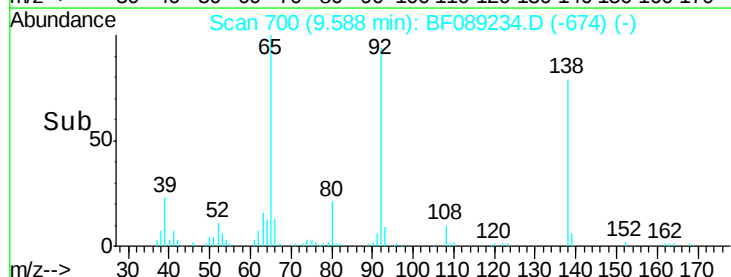
Tgt Ion:	138	Resp:	48468
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.8	13.2
92	118.1	85.3	127.9

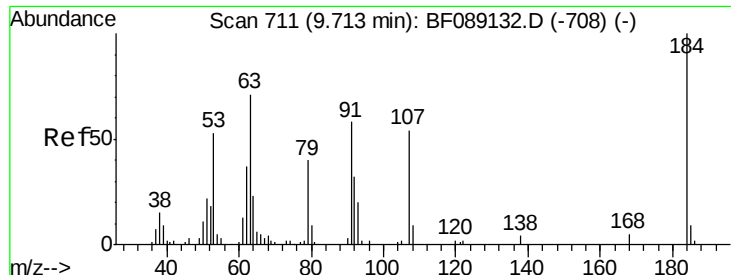


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





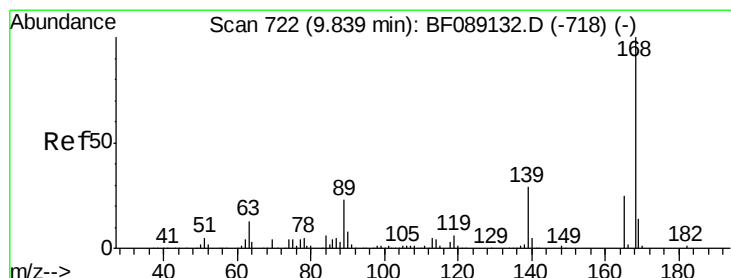
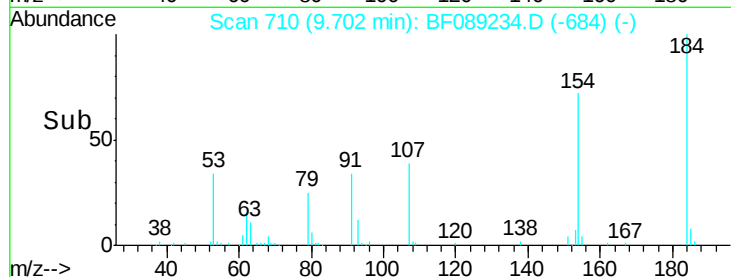
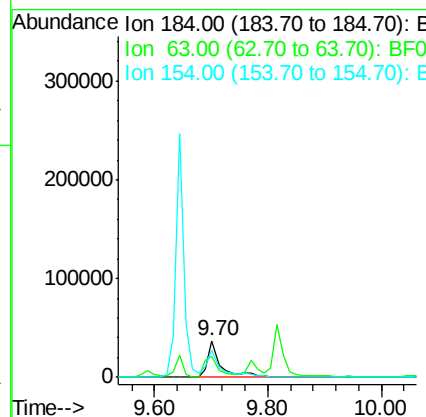
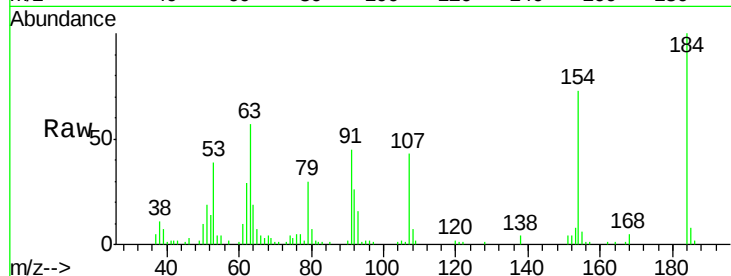
#53
 2,4-Dinitrophenol
 Concen: 75.29 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	60503		
63	56.6	60.3	90.5#	
154	73.2	60.7	91.1	

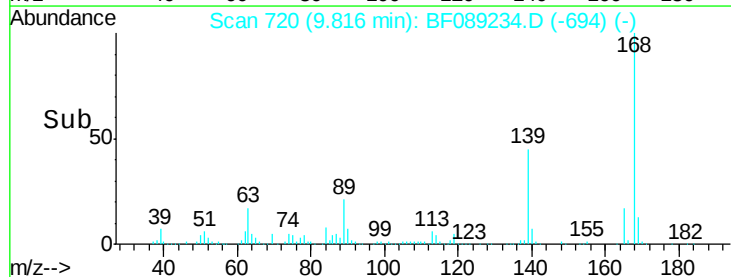
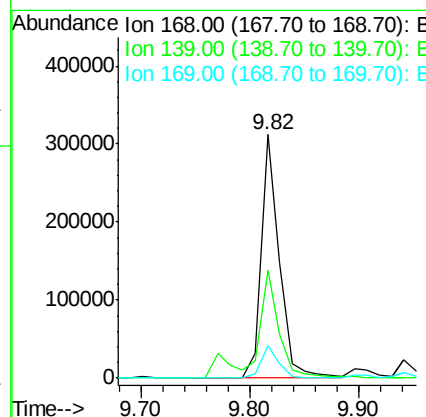
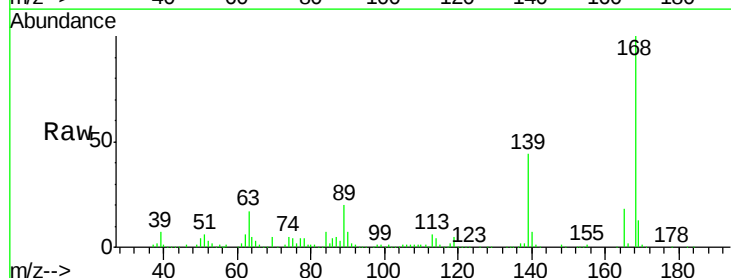
Manual Integrations

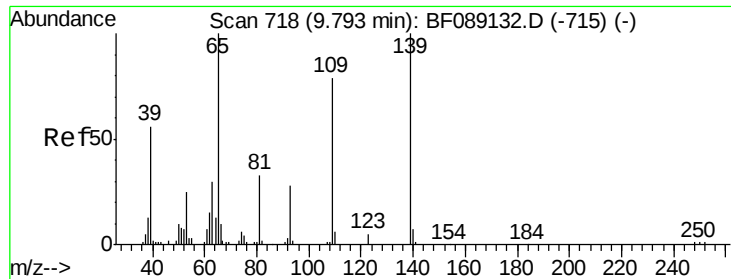
sohil
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#54
 Dibenzofuran
 Concen: 46.26 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	364521		
139	44.5	34.4	51.6	
169	13.4	10.8	16.2	





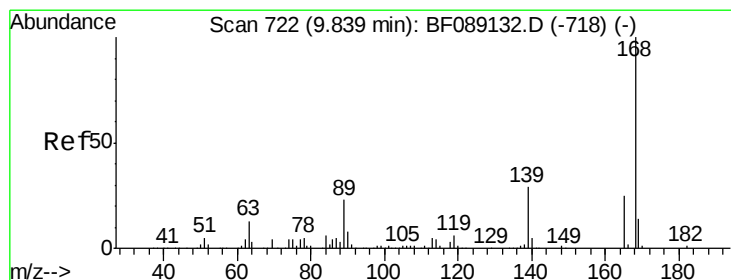
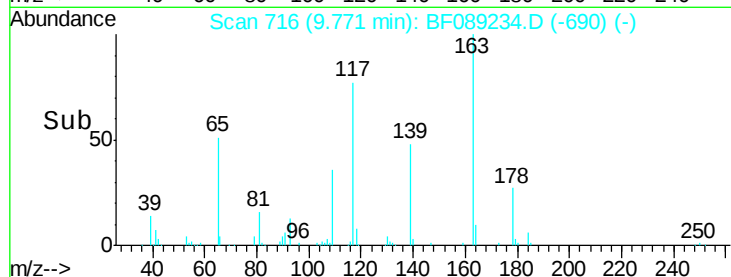
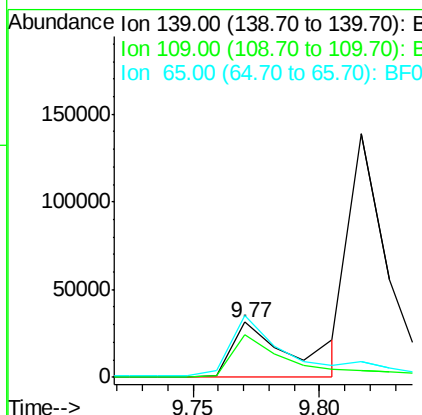
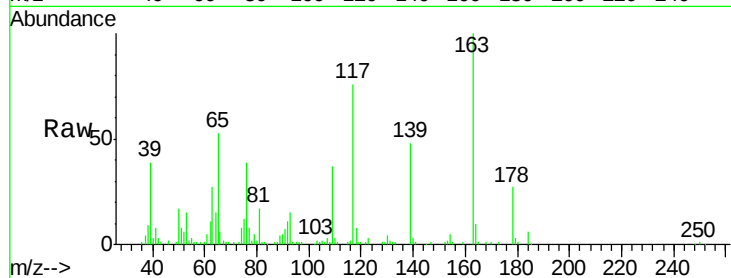
#55
4-Nitrophenol
Concen: 48.01 ng m
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion:139 Resp: 54768
Ion Ratio Lower Upper
139 100
109 78.2 58.7 98.7
65 112.0 80.2 120.2

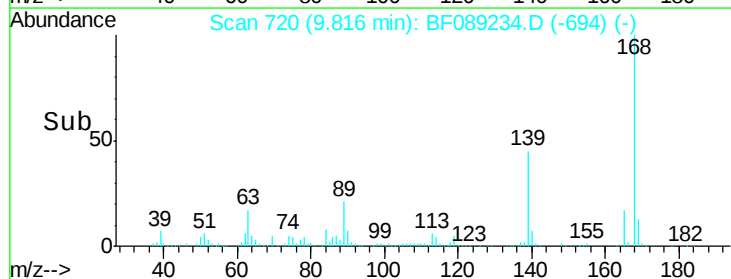
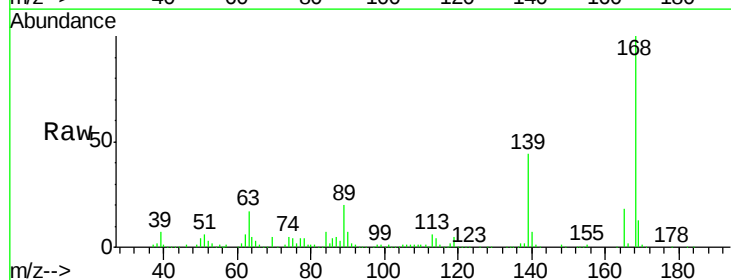
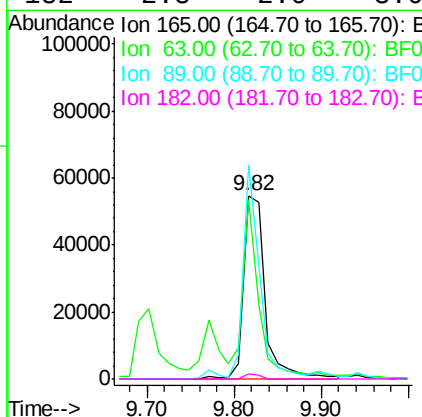
Manual Integrations

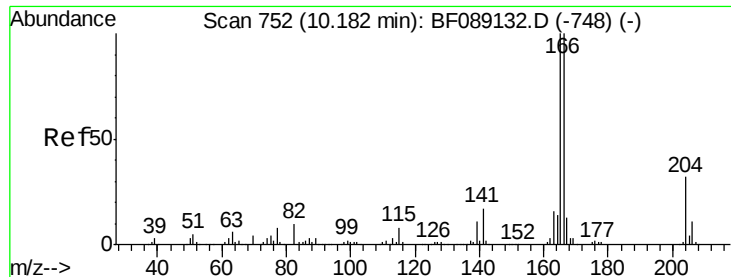
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#56
2,4-Dinitrotoluene
Concen: 46.12 ng
RT: 9.82 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion:165 Resp: 94316
Ion Ratio Lower Upper
165 100
63 97.9 55.4 83.2#
89 116.5 74.3 111.5#
182 2.8 2.0 3.0





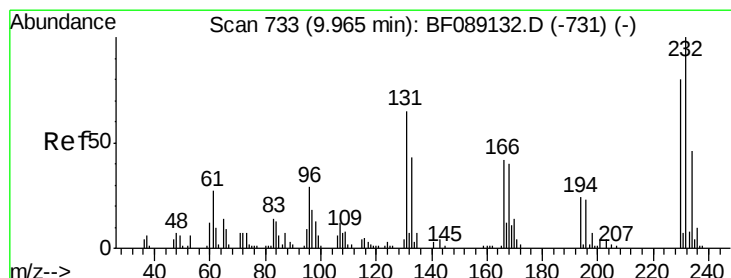
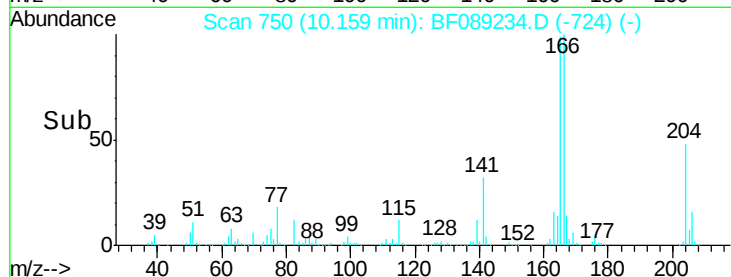
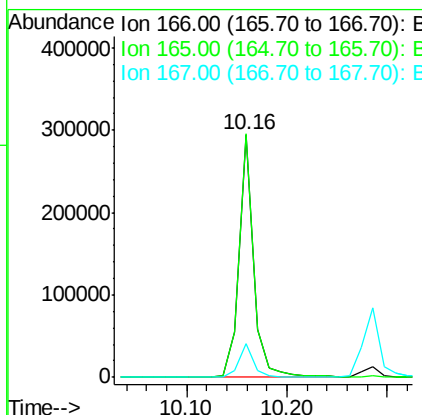
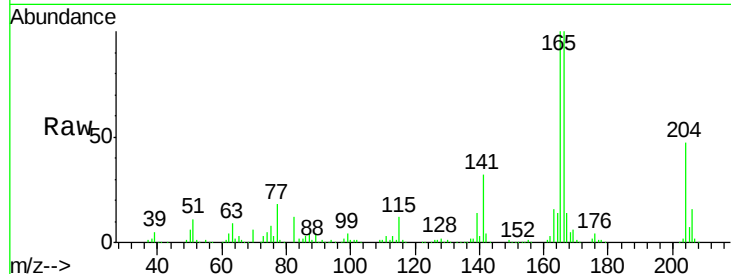
#57
 Fluorene
 Concen: 45.02 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	301173		
165	100.3	79.9	119.9	
167	13.8	10.7	16.1	

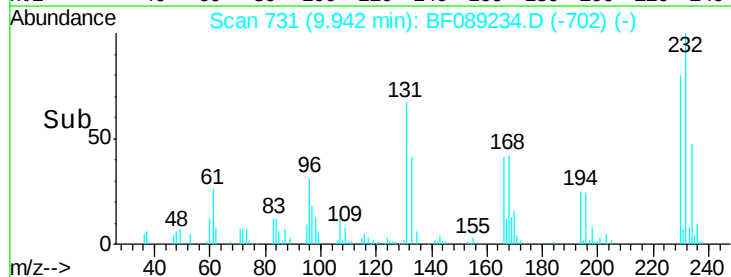
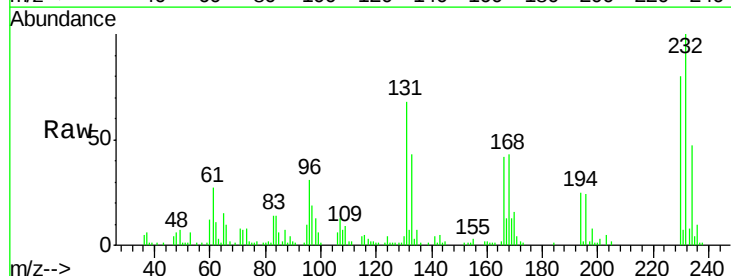
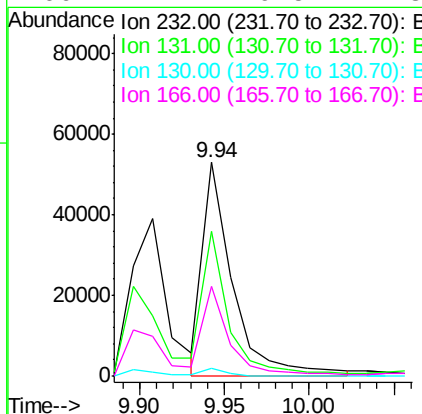
Manual Integrations

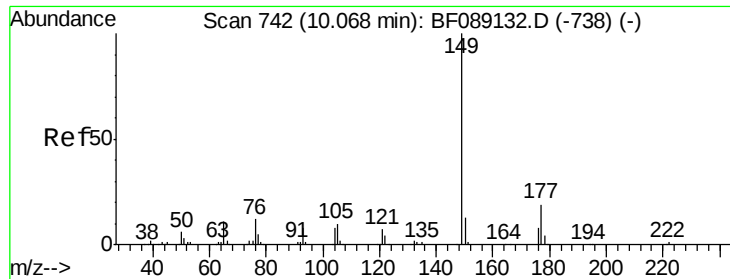
sohil
 7/25/2016 6:43:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.68 ng m
 RT: 9.94 min Scan# 731
 Delta R.T. 0.03 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	65529		
131	43.8	46.2	69.2#	
130	3.0	2.3	3.5	
166	27.4	29.5	44.3#	





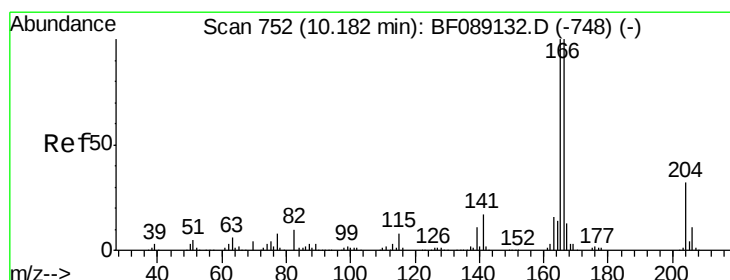
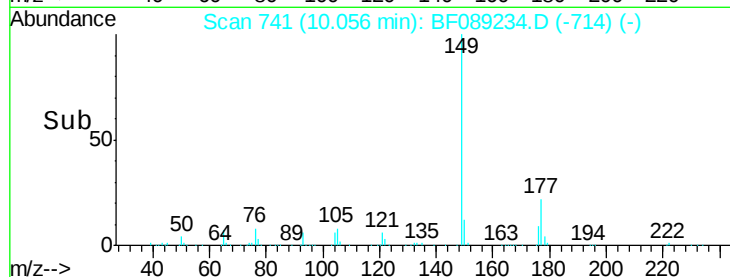
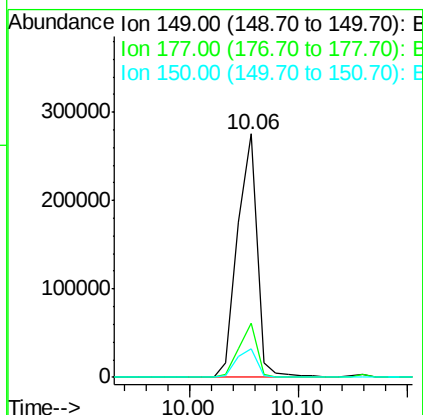
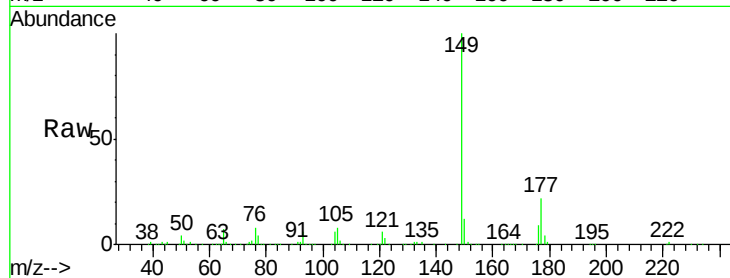
#59
Diethylphthalate
Concen: 48.93 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	15.6	23.4
150	11.9	10.1	15.1

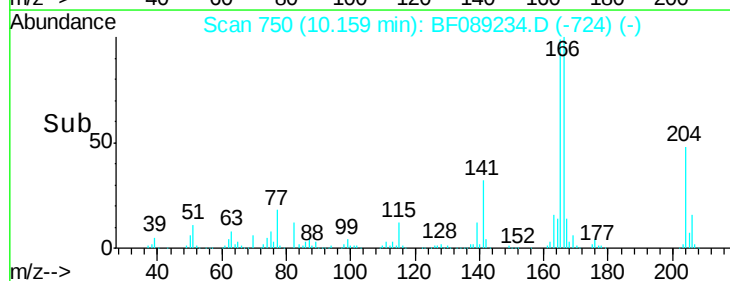
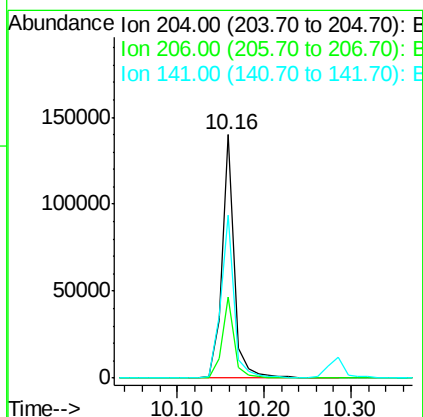
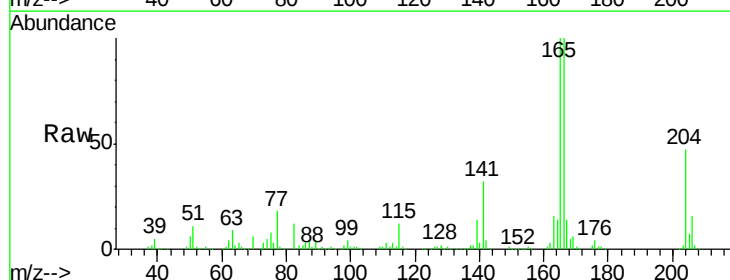
Manual Integrations

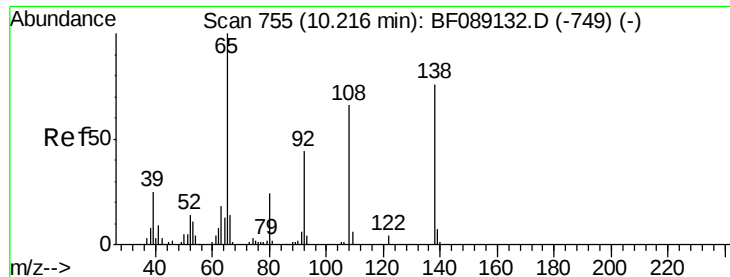
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 45.70 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.4
141	66.7	42.2	63.4#





#61

4-Nitroaniline

Concen: 40.65 ng

RT: 10.20 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF089234.D

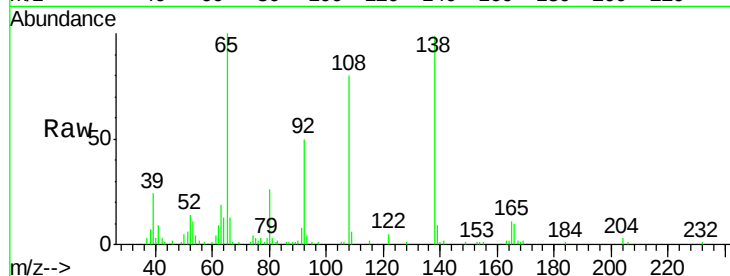
Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD



Tgt Ion: 138 Resp: 74562

Ion Ratio Lower Upper

138 100

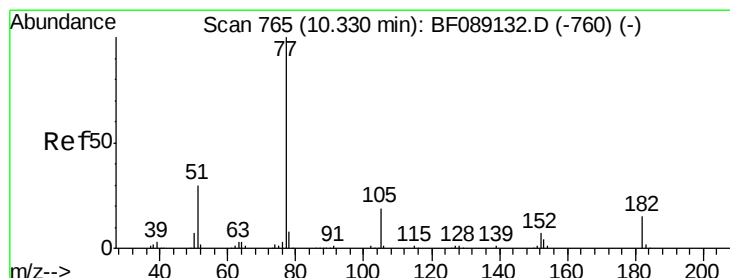
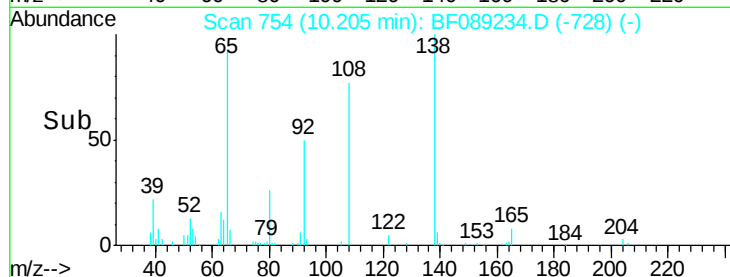
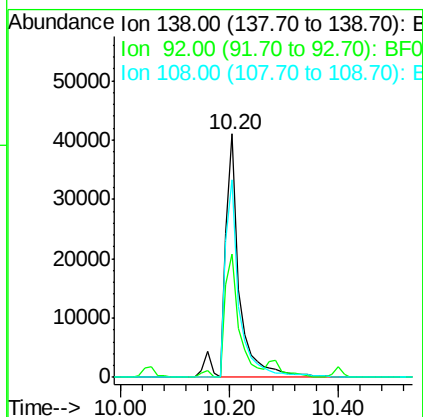
92 50.5 37.2 77.2

108 80.9 66.1 106.1

Manual Integrations

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7/25/2016 6:43:03 PM



#62

Azobenzene

Concen: 50.49 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion: 77 Resp: 382630

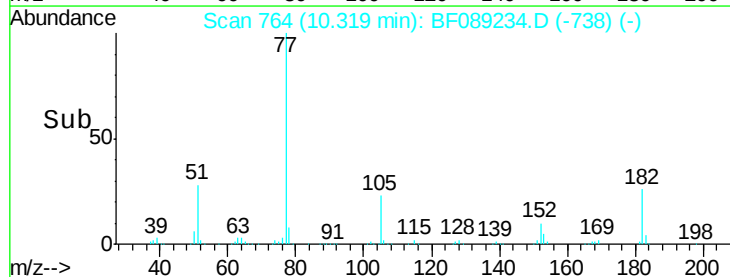
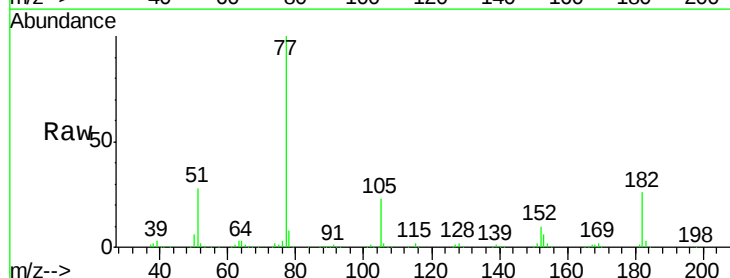
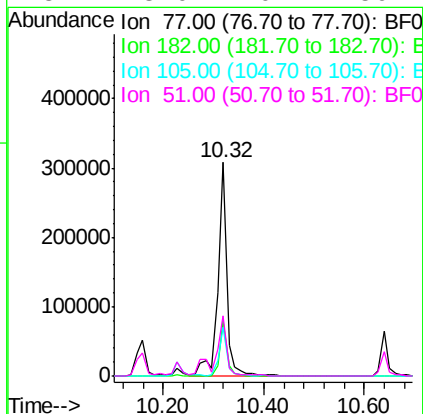
Ion Ratio Lower Upper

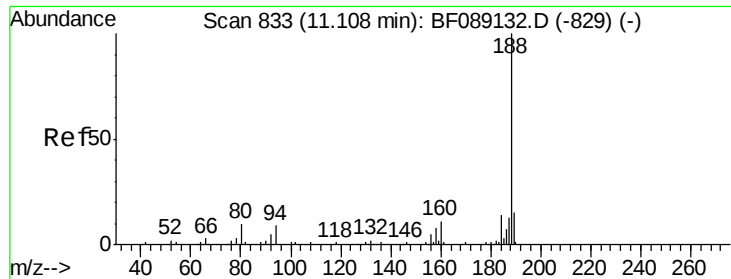
77 100

182 25.5 0.0 35.0

105 22.7 0.0 39.4

51 28.0 10.7 50.7





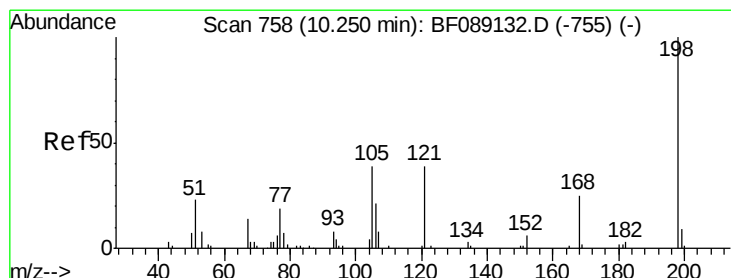
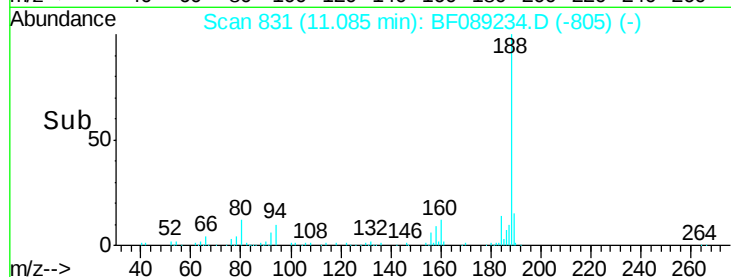
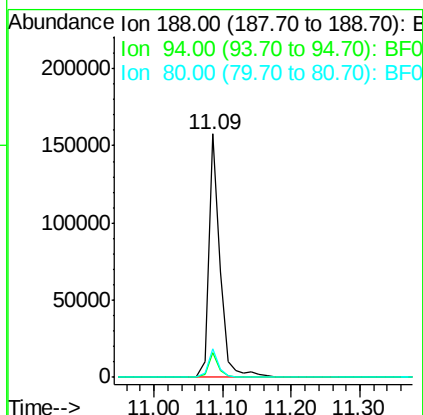
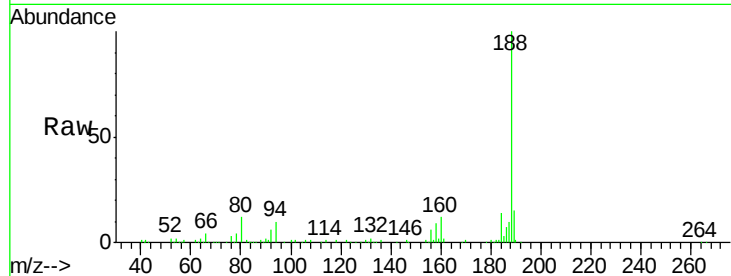
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion:188 Resp: 179767
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.4
80 11.9 7.7 11.5#

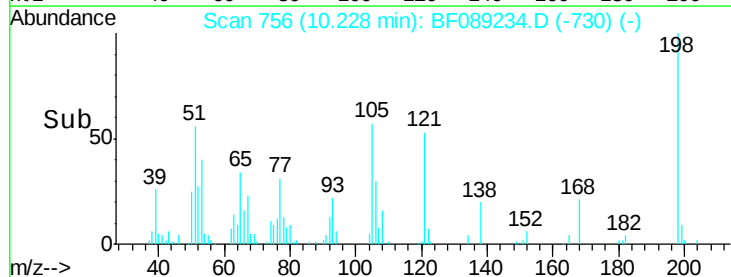
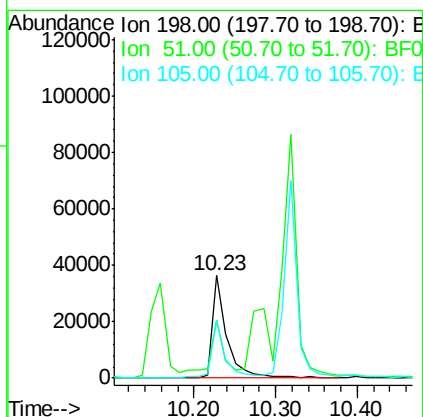
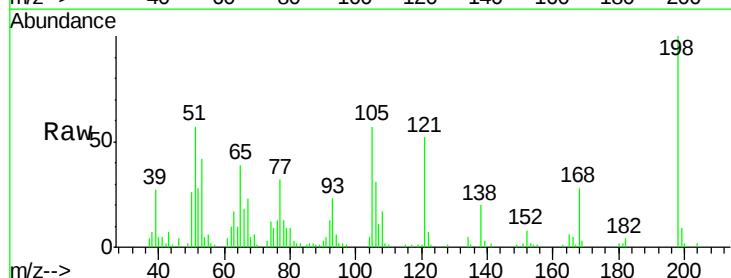
Manual Integrations

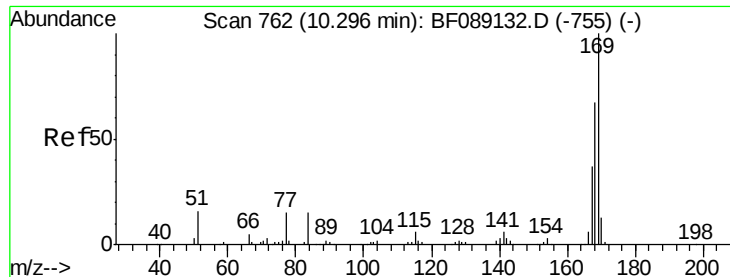
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.13 ng
RT: 10.23 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion:198 Resp: 46180
Ion Ratio Lower Upper
198 100
51 56.9 11.7 51.7#
105 57.1 20.3 60.3





#65

n-Nitrosodiphenylamine

Concen: 44.93 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

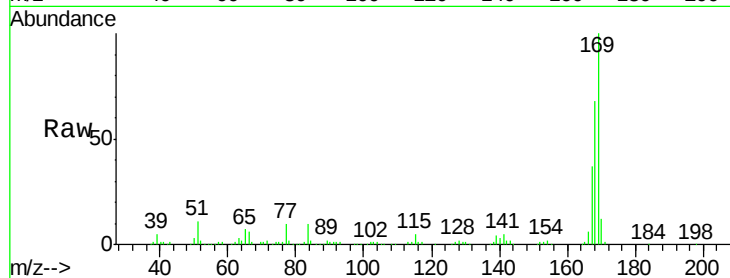
GW-05-5.0-16.0MSD

Tgt Ion:	169	Resp:	269917
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.4	80.0
167	37.0	29.5	44.3

Manual Integrations

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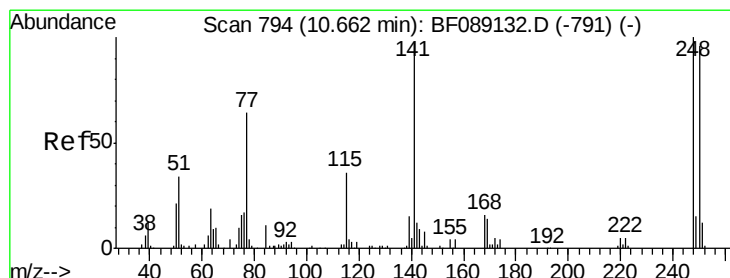
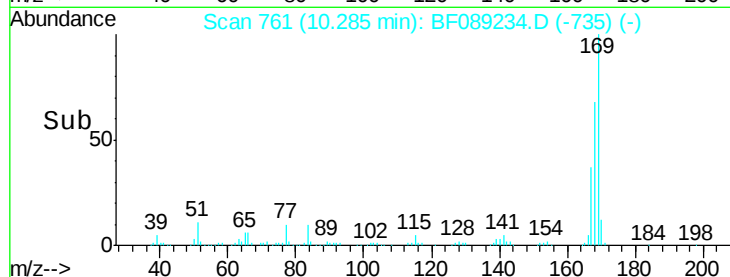
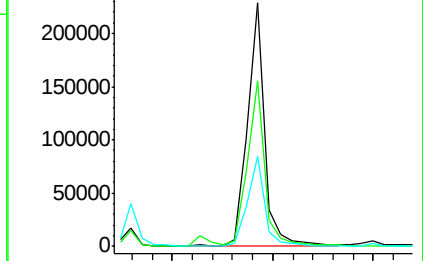
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.94 ng

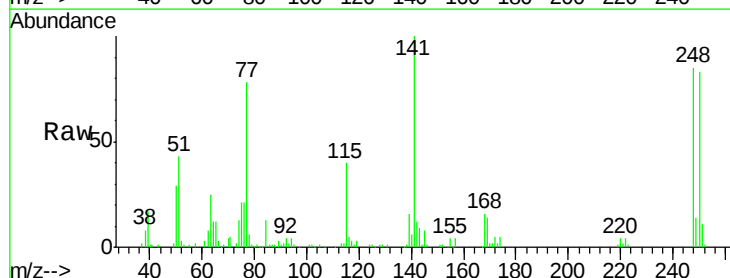
RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

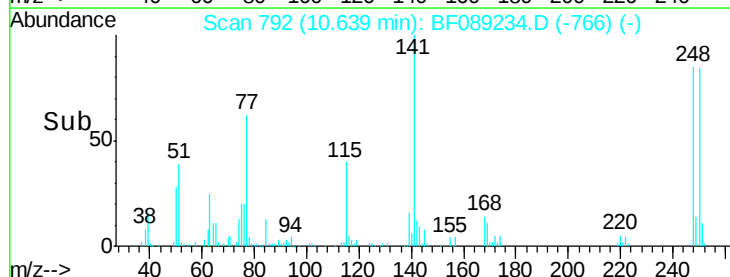
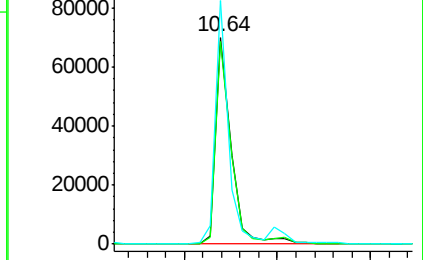
Tgt Ion:	248	Resp:	79939
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.9	115.3
141	117.6	77.4	116.2#

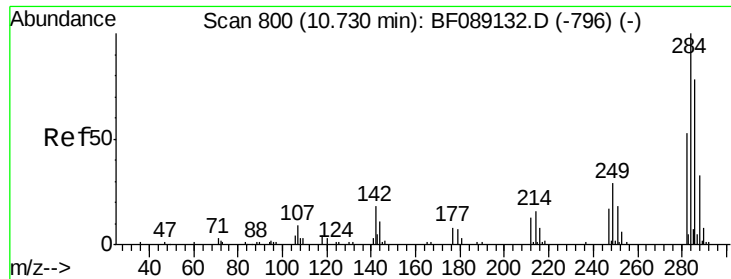


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





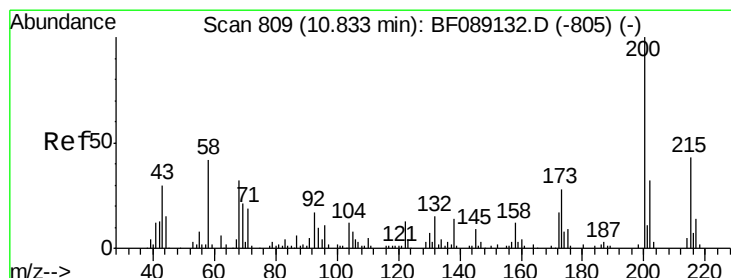
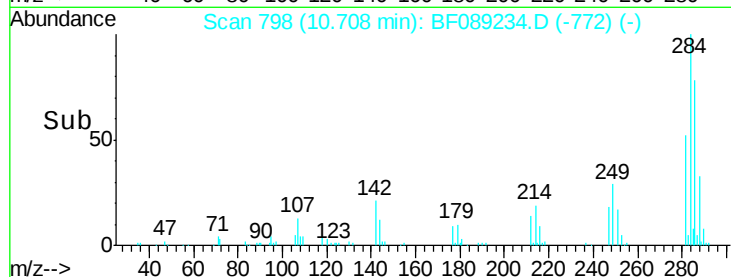
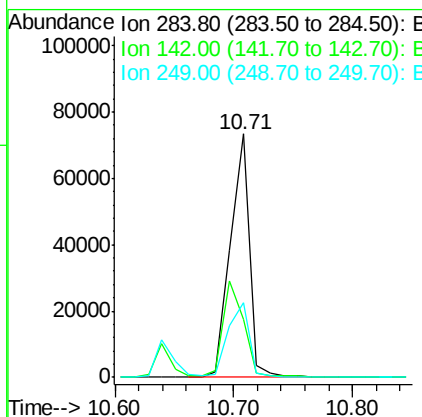
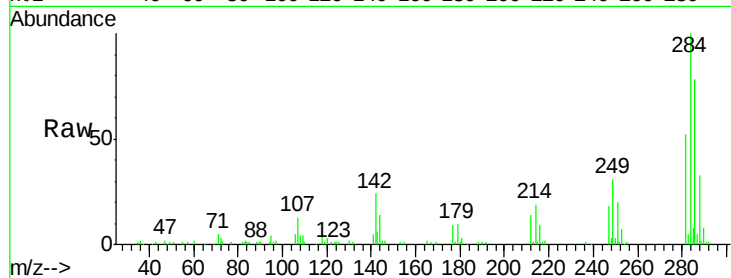
#67
Hexachlorobenzene
Concen: 42.96 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	14.1	21.1#
249	30.7	23.0	34.4

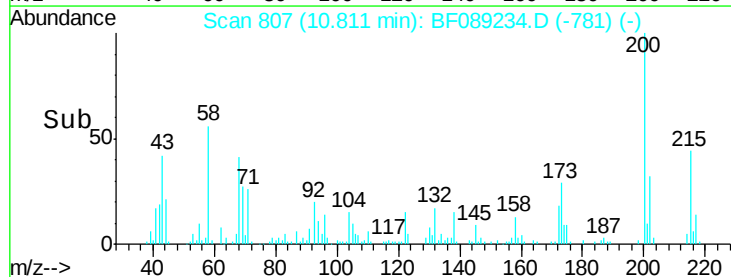
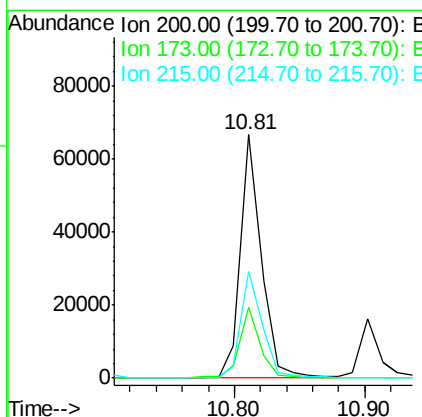
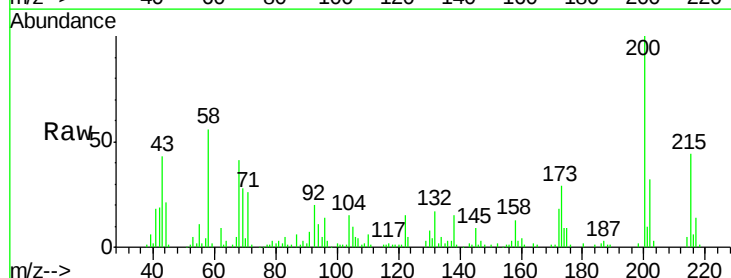
Manual Integrations

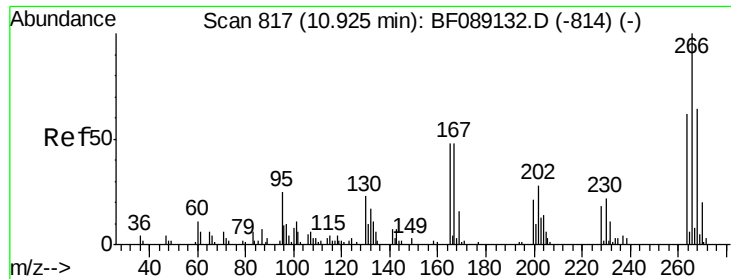
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#68
Atrazine
Concen: 39.80 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.0	7.8	47.8
215	43.5	22.9	62.9





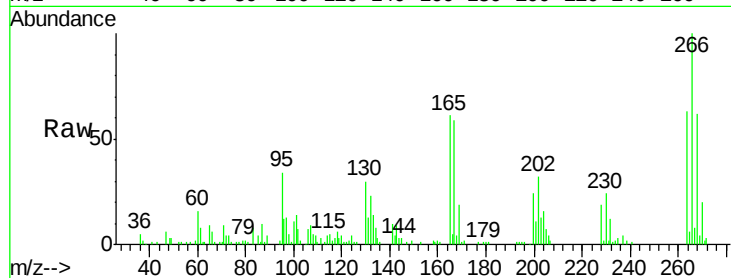
#69
 Pentachlorophenol
 Concen: 86.99 ng
 RT: 10.90 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

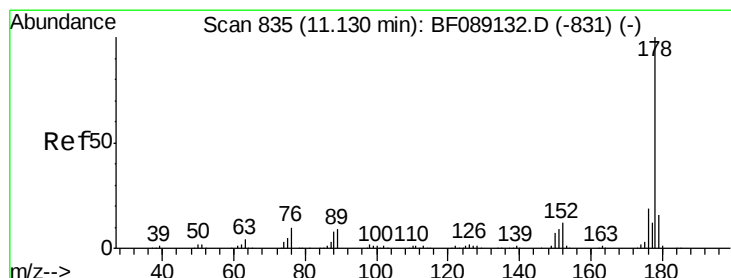
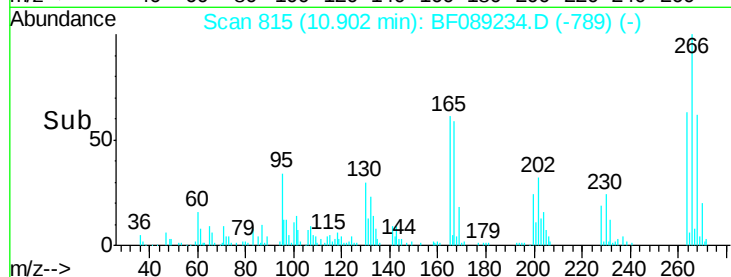
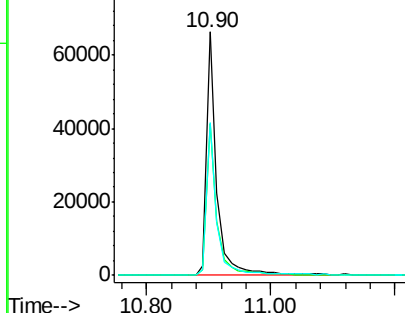
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.2	76.8
264	62.9	49.7	74.5

Manual Integrations

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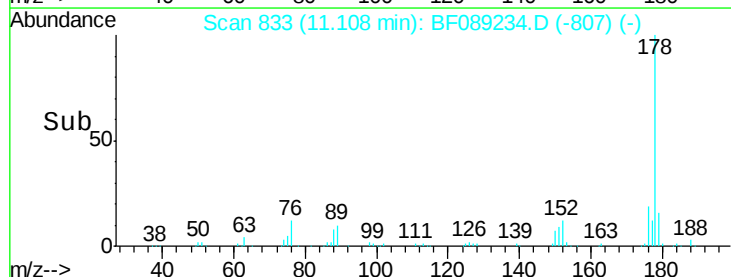
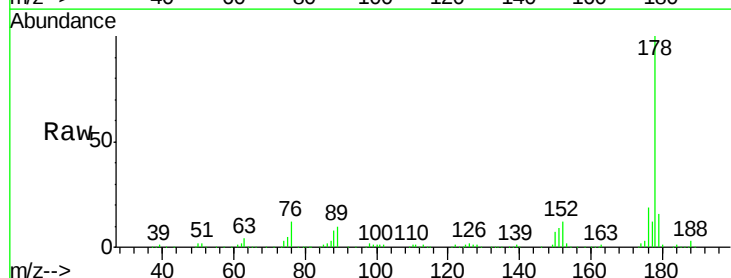
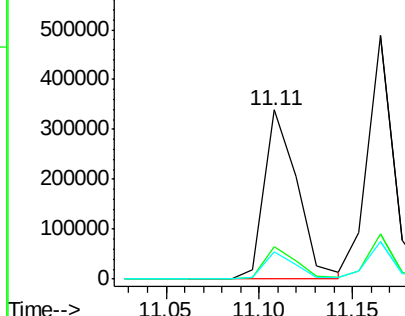
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

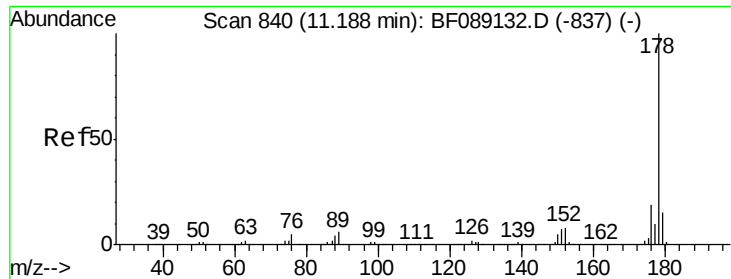


#70
 Phenanthrene
 Concen: 42.07 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.8	12.4	18.6

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





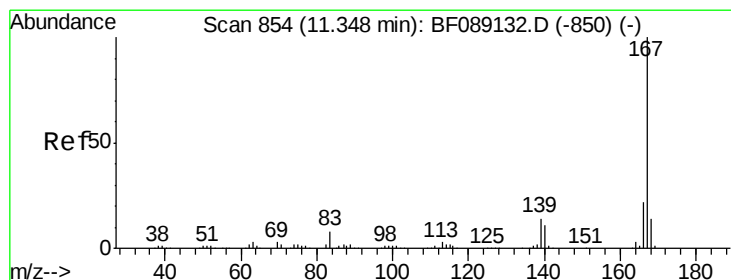
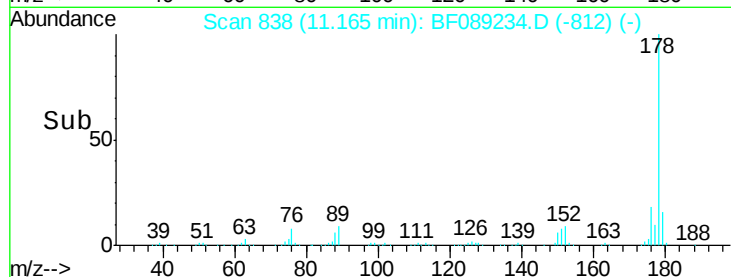
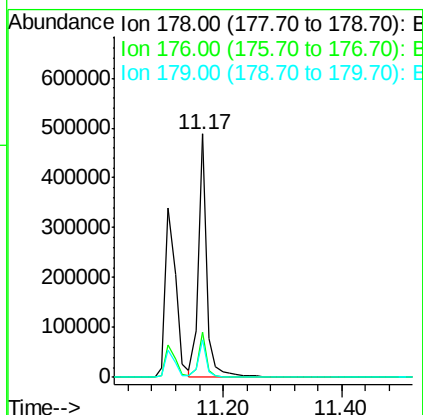
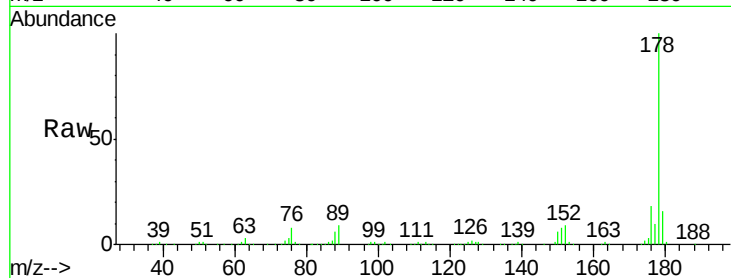
#71
 Anthracene
 Concen: 48.19 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.5	12.0	18.0

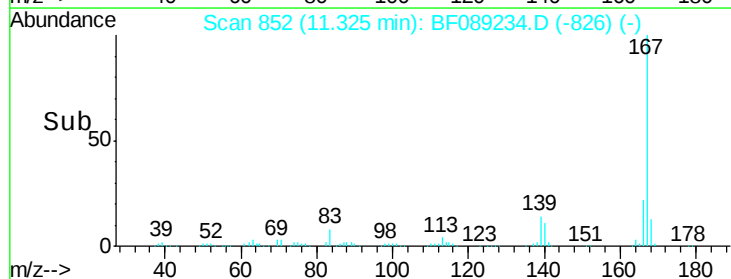
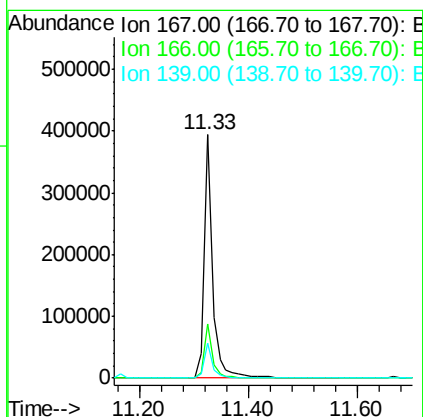
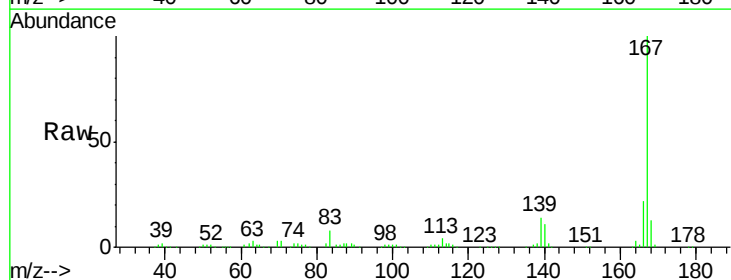
Manual Integrations

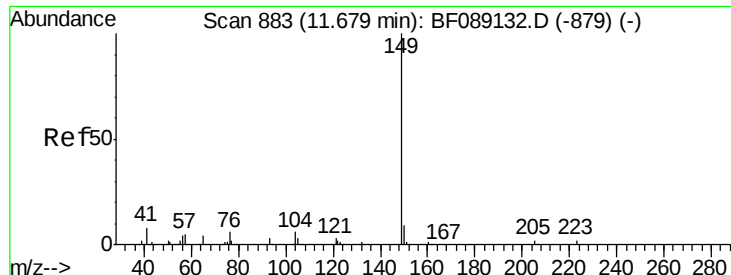
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#72
 Carbazole
 Concen: 46.86 ng
 RT: 11.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.1	11.0	16.4





#73

Di-n-butylphthalate

Concen: 48.94 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF089234.D

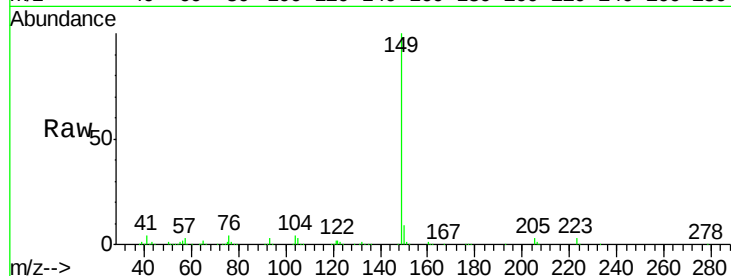
Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD



Tgt Ion:149 Resp: 544996

Ion Ratio Lower Upper

149 100

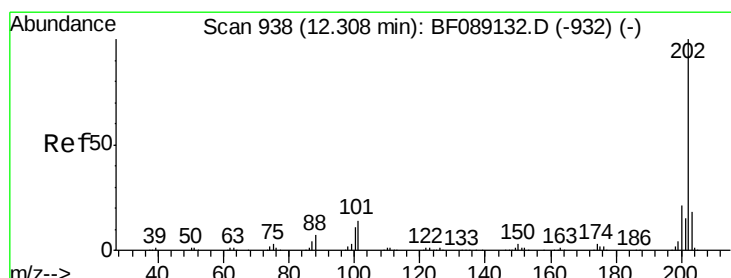
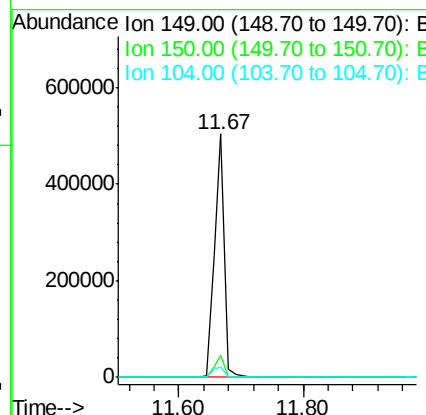
150 9.1 7.4 11.2

104 4.5 4.6 6.8#

Manual Integrations

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7/25/2016 6:43:03 PM



#74

Fluoranthene

Concen: 41.24 ng

RT: 12.29 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

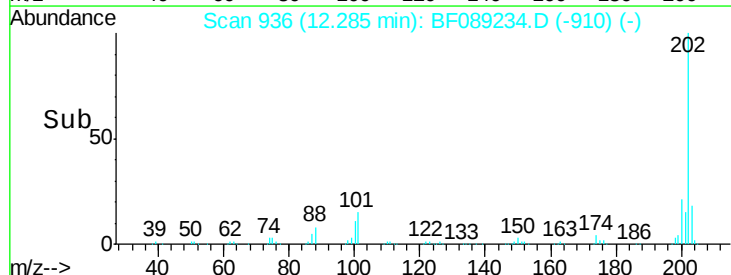
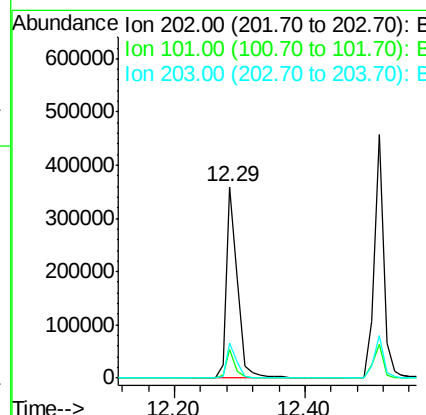
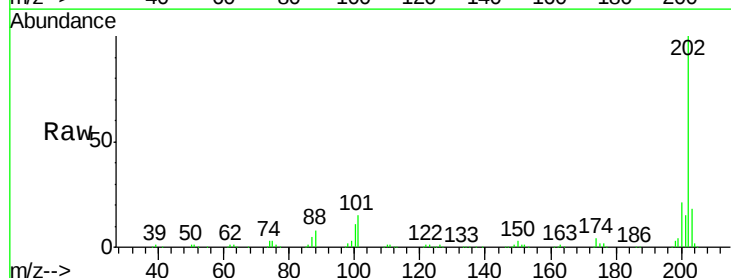
Tgt Ion:202 Resp: 427434

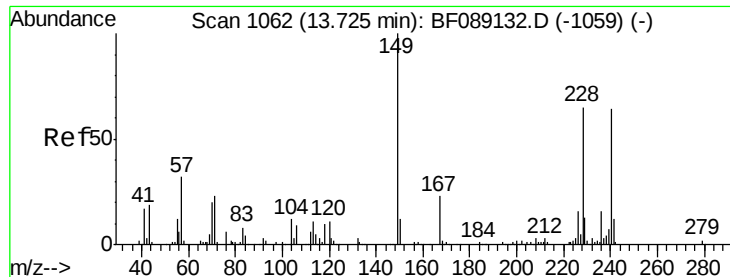
Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.0

203 17.9 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MSD

Tgt Ion:240 Resp: 113820
Ion Ratio Lower Upper

240 100

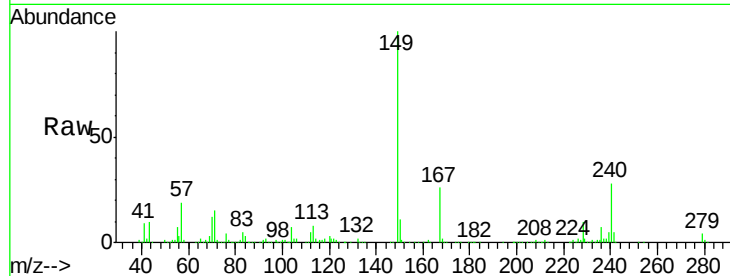
120 9.2 13.6 20.4#

236 26.4 20.5 30.7

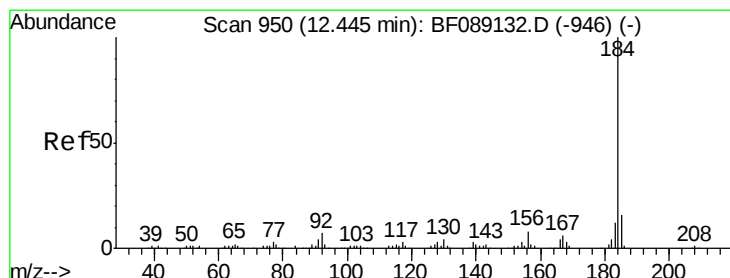
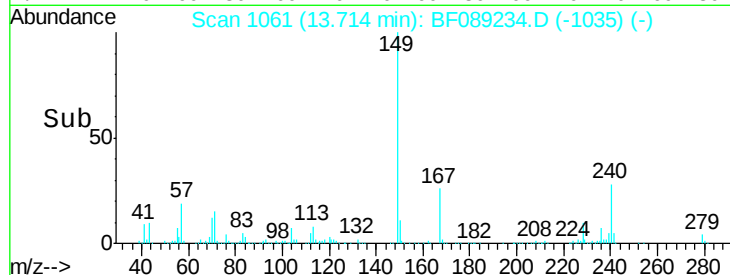
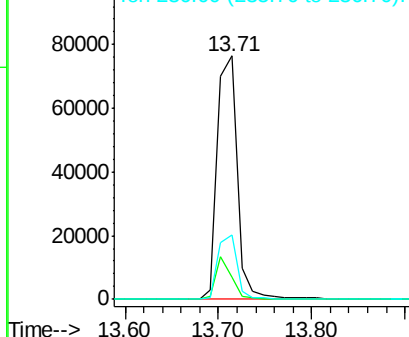
Manual Integrations

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7/25/2016 6:43:03 PM



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



#76

Benzidine

Concen: 30.17 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089234.D

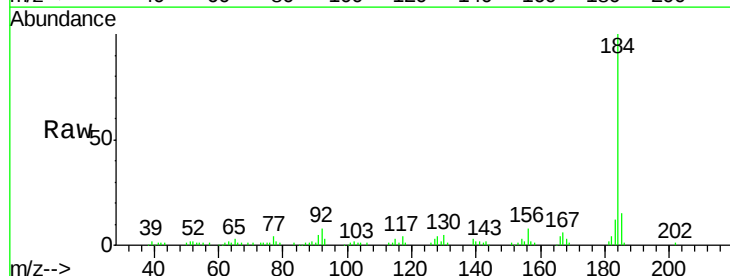
Acq: 23 Jul 2016 13:30

Tgt Ion:184 Resp: 118040
Ion Ratio Lower Upper

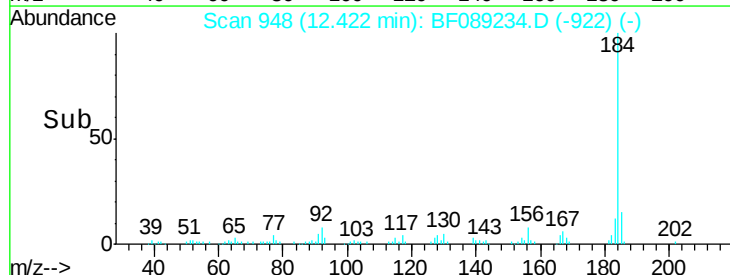
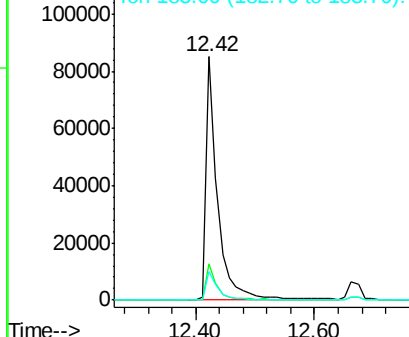
184 100

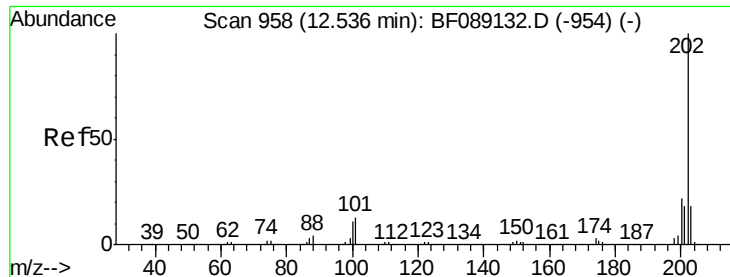
185 15.0 12.5 18.7

183 12.0 9.6 14.4



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





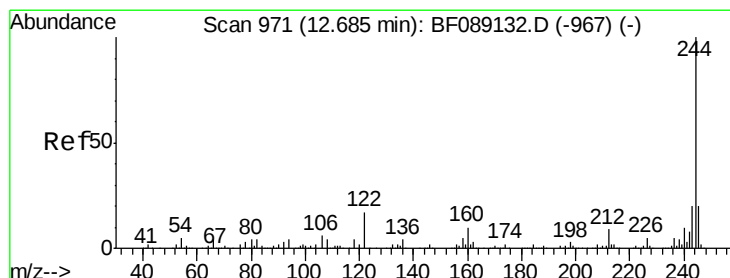
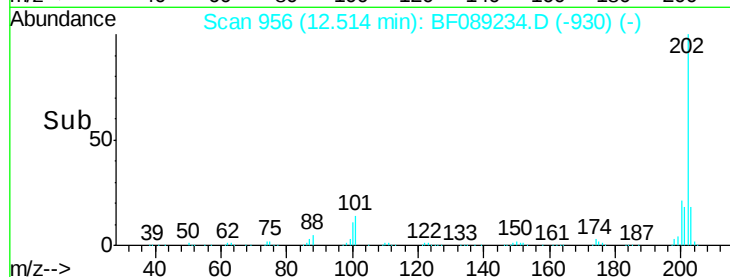
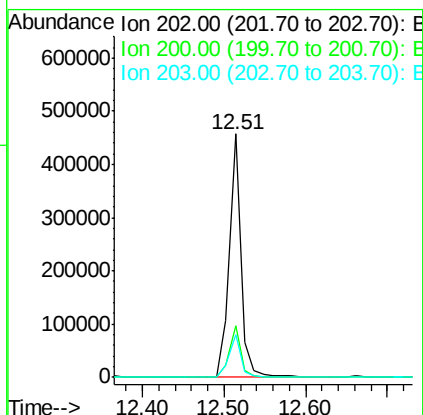
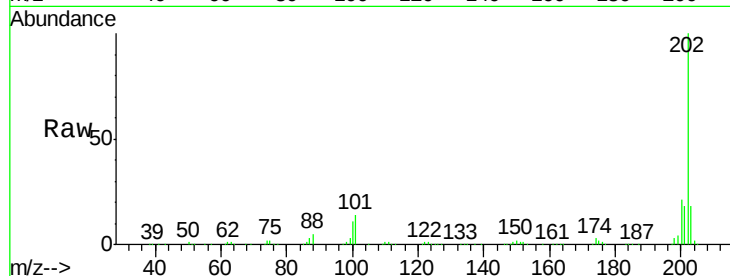
#77
Pyrene
 Concen: 48.10 ng
 RT: 12.51 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.0
203	17.6	14.2	21.2

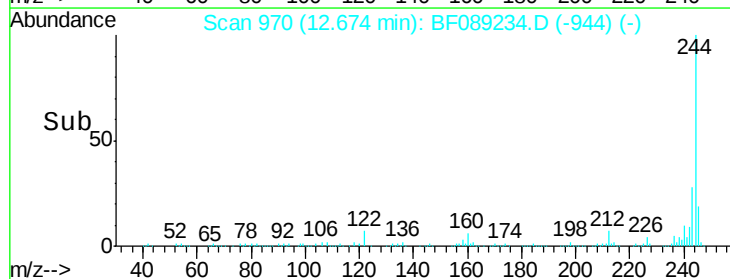
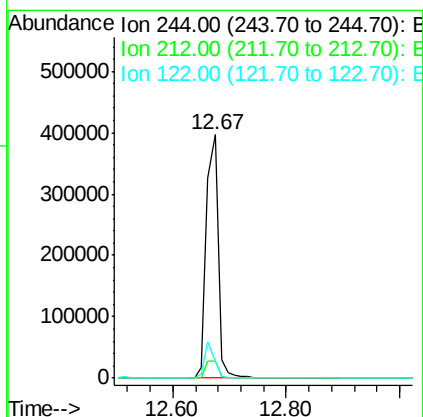
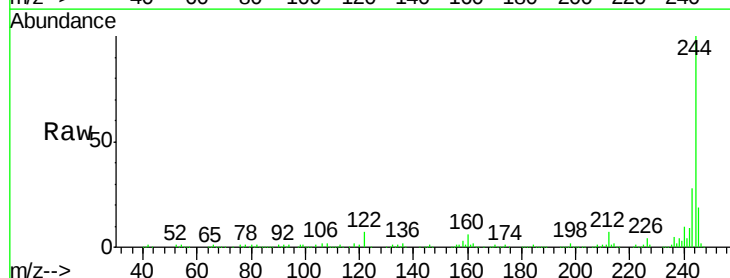
Manual Integrations

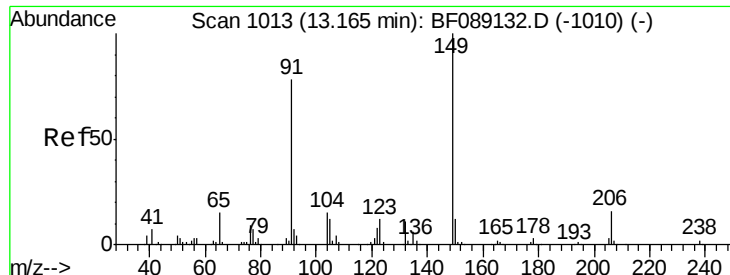
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 7/25/2016 6:43:03 PM



#78
Terphenyl-d14
 Concen: 104.34 ng
 RT: 12.67 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.0	10.4
122	7.2	13.8	20.8





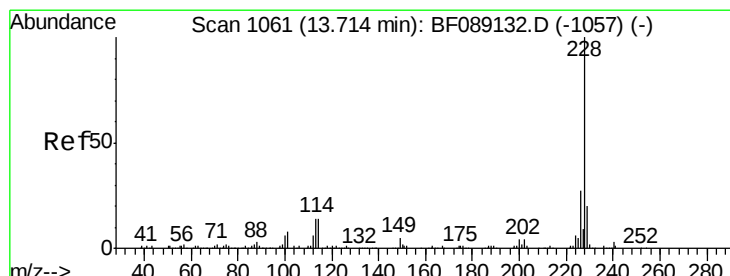
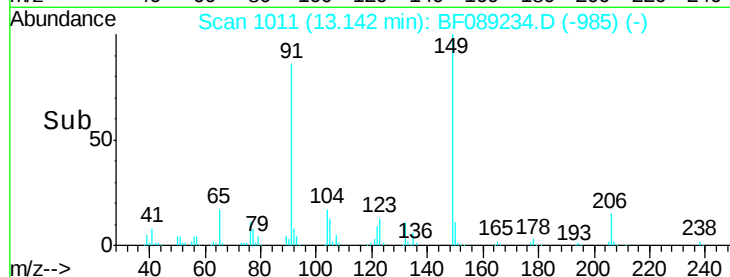
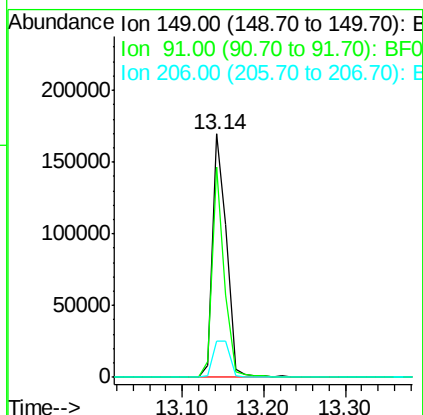
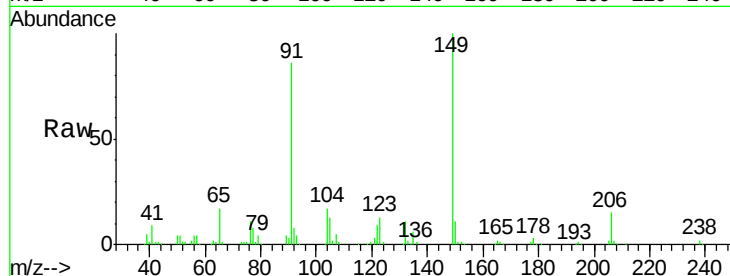
#79
Butylbenzylphthalate
Concen: 51.51 ng
RT: 13.14 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	86.3	62.6	93.8
206	14.8	13.2	19.8

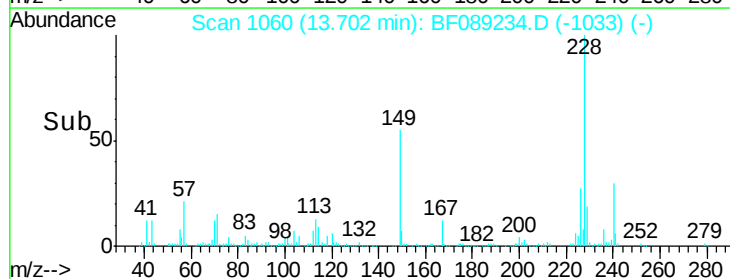
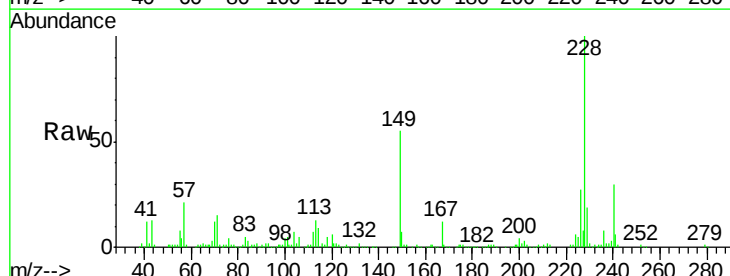
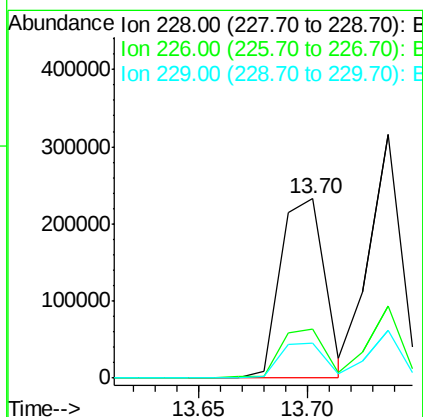
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7/25/2016 6:43:03 PM



#80
Benzo(a)anthracene
Concen: 45.70 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	19.4	15.8	23.8





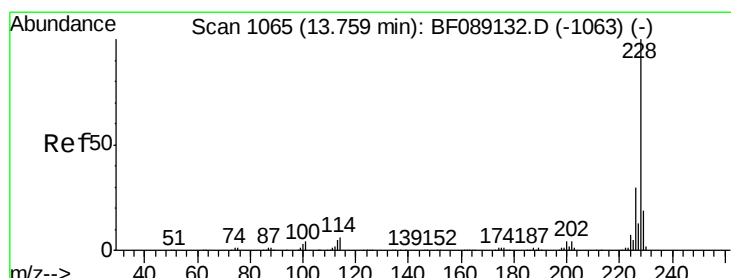
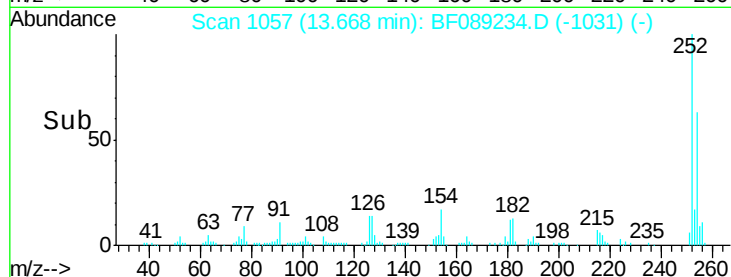
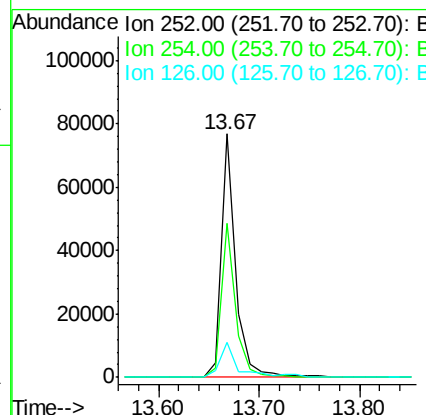
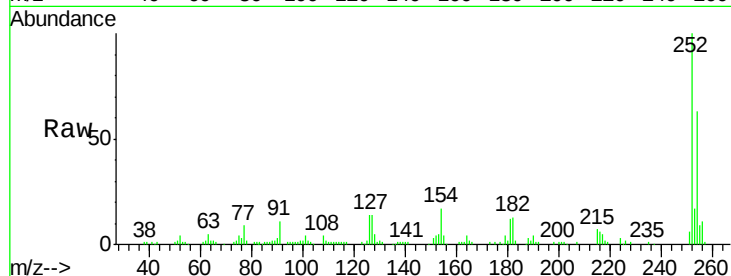
#81
 3,3'-Dichlorobenzidine
 Concen: 31.56 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	14.2	10.2	15.2

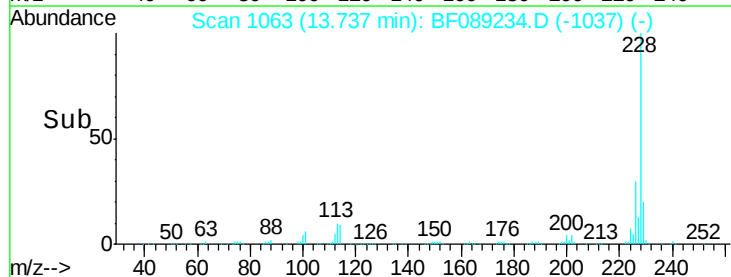
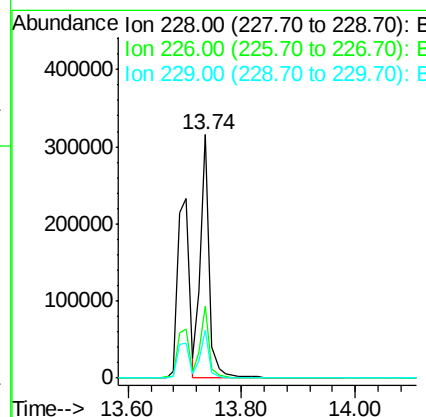
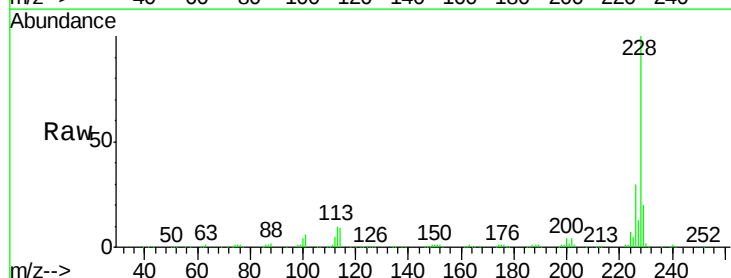
Manual Integrations

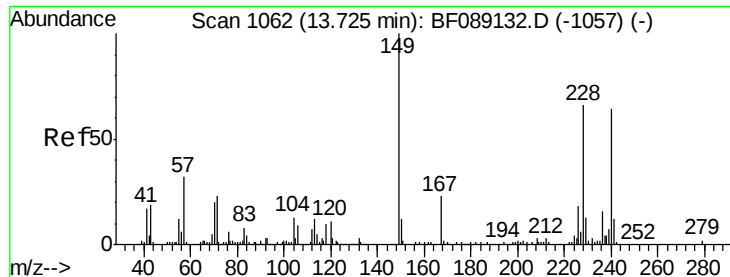
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 7/25/2016 6:43:03 PM



#82
 Chrysene
 Concen: 49.95 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.8	15.4	23.0





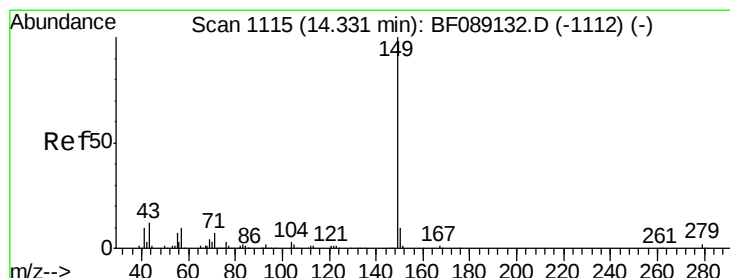
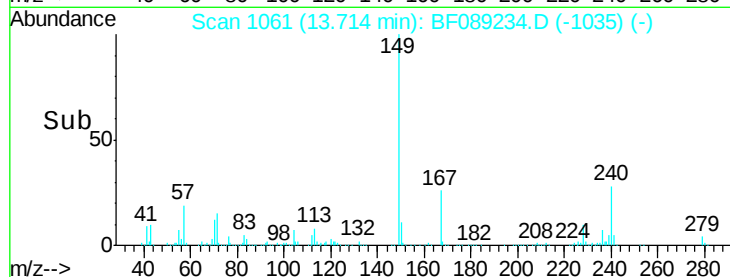
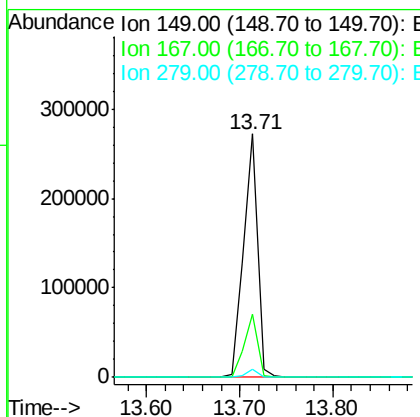
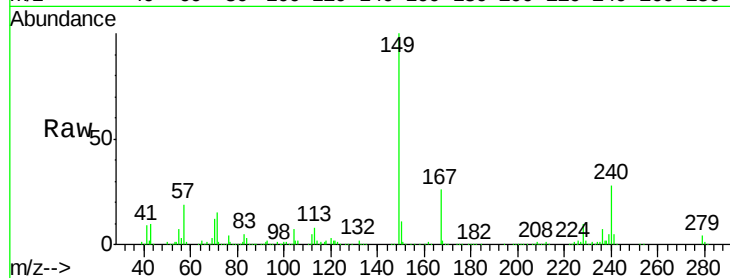
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.21 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	285886		
167	26.2	18.6	28.0	
279	3.5	1.6	2.4#	

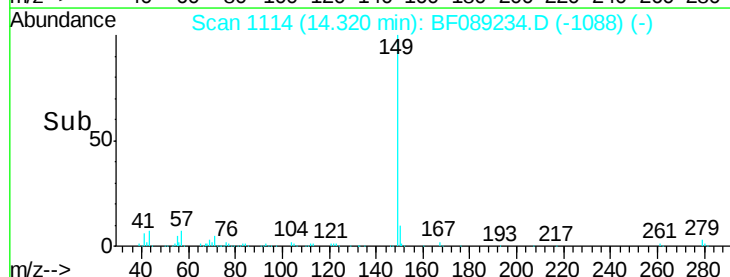
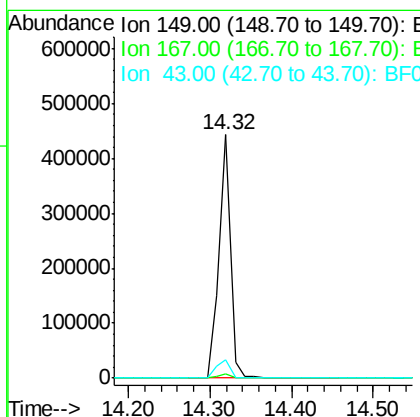
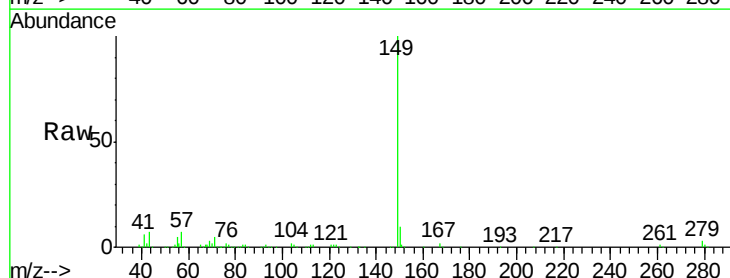
Manual Integrations

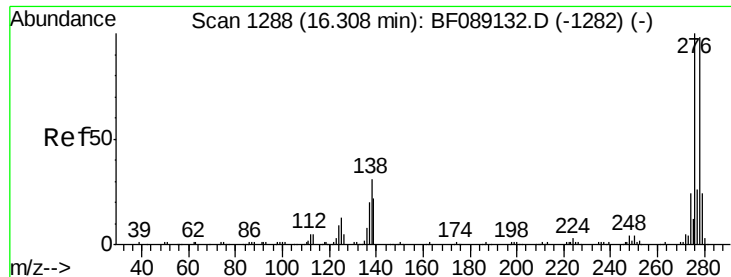
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 7/25/2016 6:43:03 PM



#84
 Di-n-octyl phthalate
 Concen: 49.98 ng
 RT: 14.32 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	434918		
167	1.5	1.2	1.8	
43	9.2	7.3	10.9	





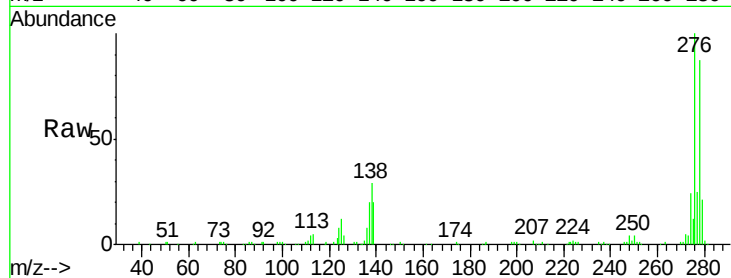
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.71 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

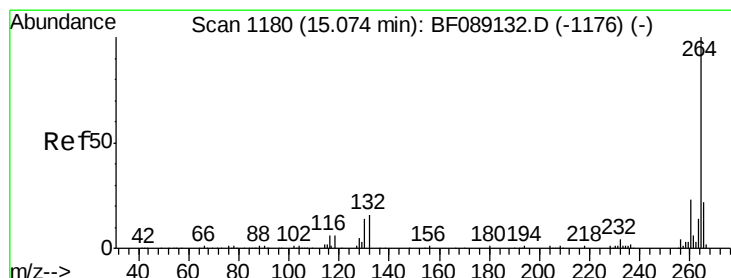
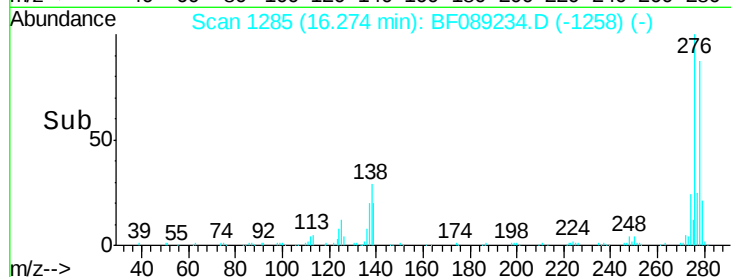
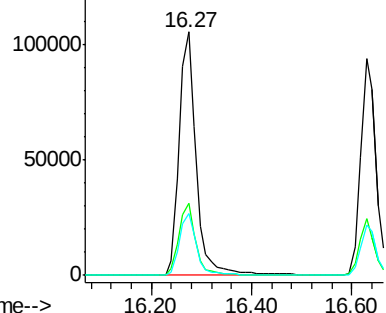
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	23.7	35.5
277	25.2	20.6	31.0

Manual Integrations

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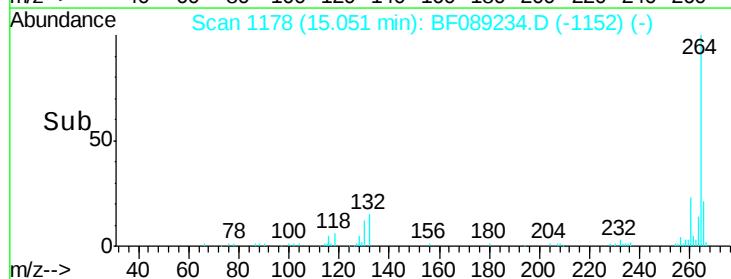
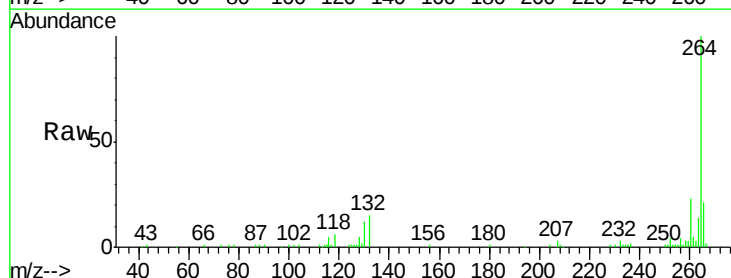
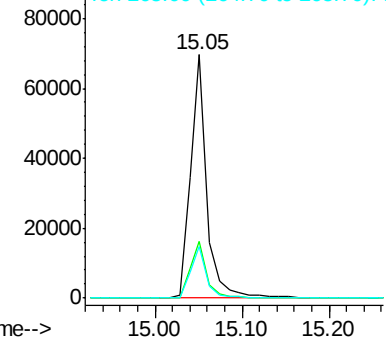
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

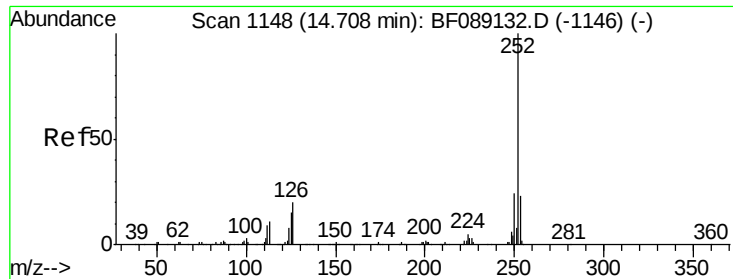


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.3	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.41 ng m

RT: 14.70 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Instrument :

BNA_F

ClientSampleId :

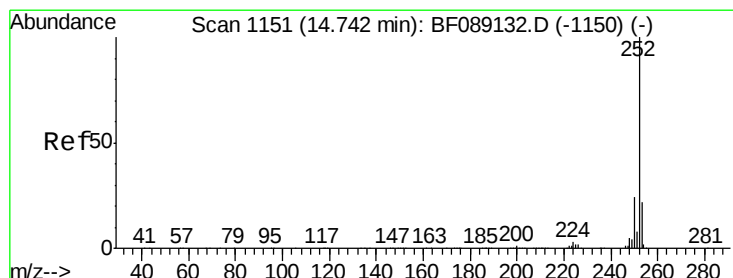
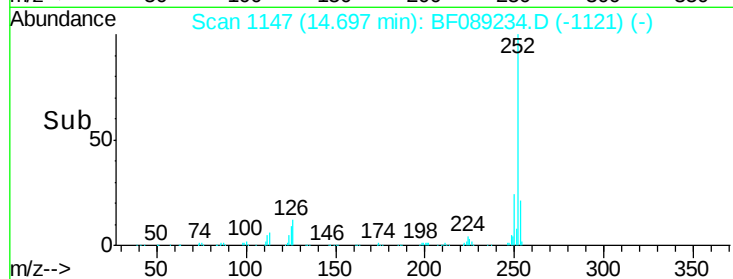
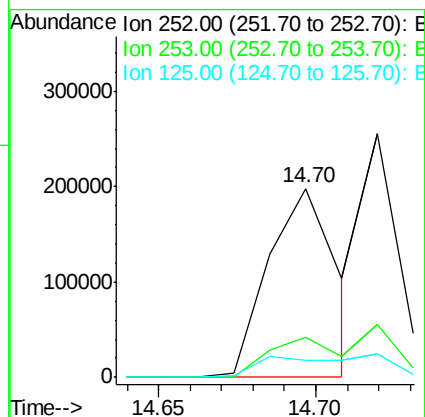
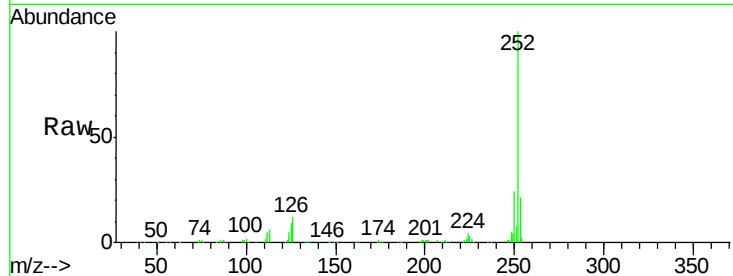
GW-05-5.0-16.0MSD

Tgt Ion:	252	Resp:	298837
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.2	27.2
125	9.2	11.9	17.9#

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7/25/2016 6:43:03 PM



#88

Benzo(k)fluoranthene

Concen: 48.69 ng m

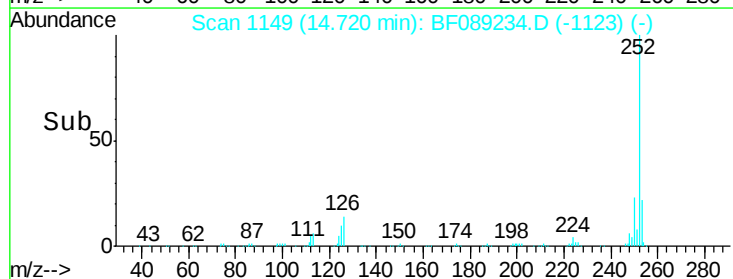
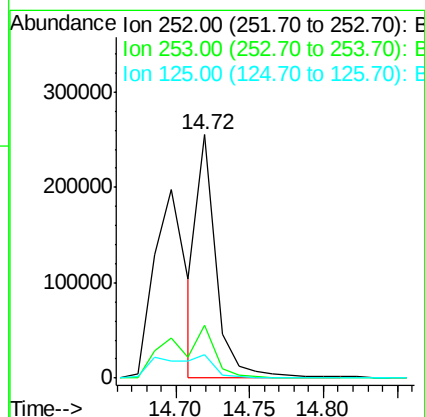
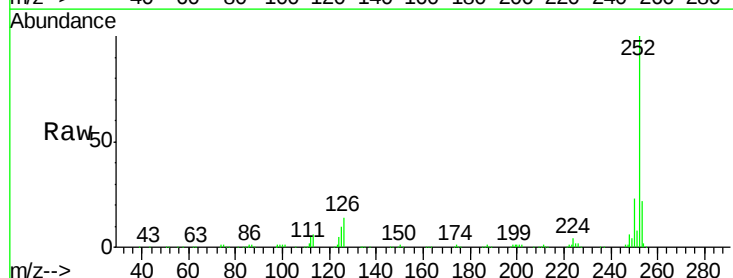
RT: 14.72 min Scan# 1149

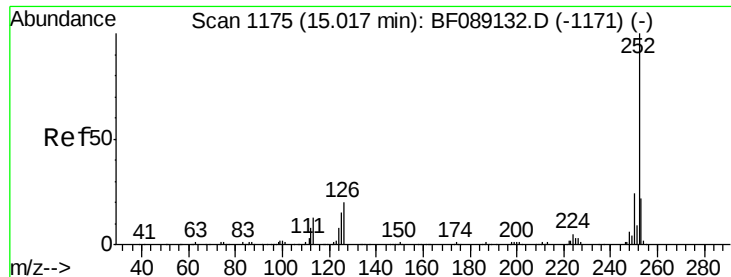
Delta R.T. 0.00 min

Lab File: BF089234.D

Acq: 23 Jul 2016 13:30

Tgt Ion:	252	Resp:	229167
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.3	25.9
125	9.8	6.3	9.5#





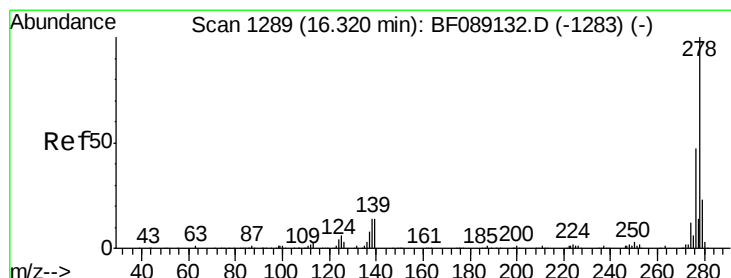
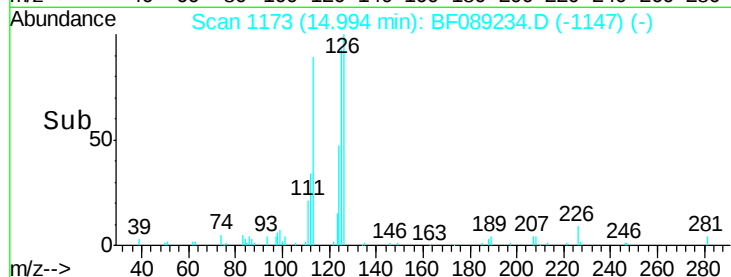
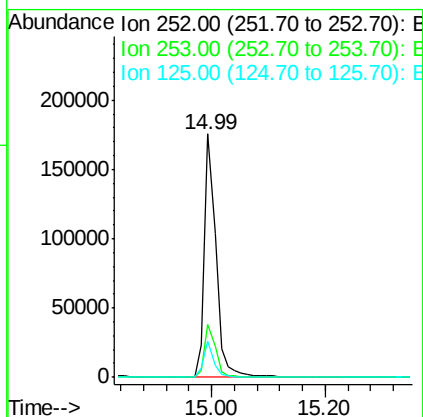
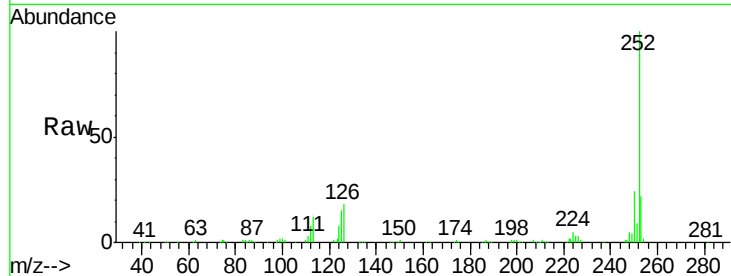
#89
Benzo(a)pyrene
Concen: 46.84 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Instrument :
BNA_F
ClientSampleId :
GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	15.1	12.4	18.6

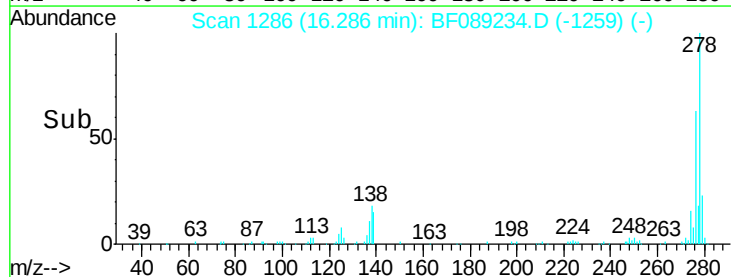
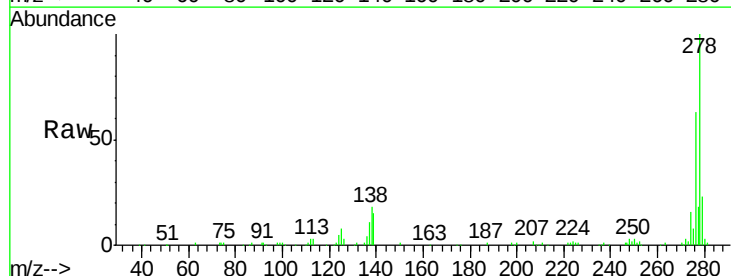
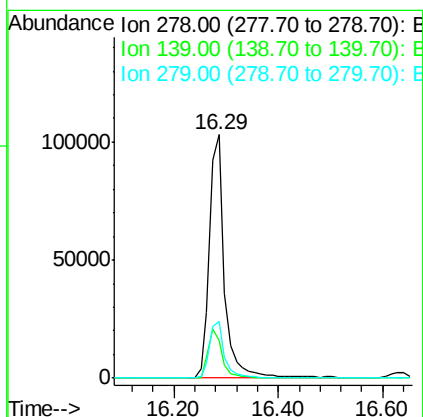
Manual Integrations

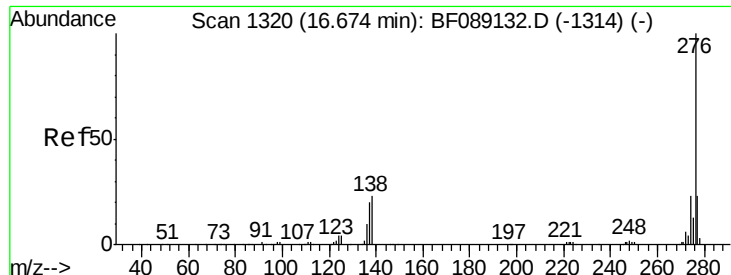
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7/25/2016 6:43:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.71 ng
RT: 16.29 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF089234.D
Acq: 23 Jul 2016 13:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.4	17.2
279	23.2	18.4	27.6





#91
 Benzo(g,h,i)perylene
 Concen: 52.43 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF089234.D
 Acq: 23 Jul 2016 13:30

Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	26.2	18.5	27.7

Manual Integrations

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 7/25/2016 6:43:03 PM

