

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089233.D
 Acq On : 23 Jul 2016 12:59
 Operator : UM/SJ
 Sample : H4120-07MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Manual Integrations

sohil
 7/25/2016 6:43:00 PM

Quant Time: Jul 25 11:26:32 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	45324	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	195091	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	90904	20.00	ng	0.00
63) Phenanthrene-d10	11.09	188	176864	20.00	ng	0.00
75) Chrysene-d12	13.71	240	109972	20.00	ng	0.00
86) Perylene-d12	15.05	264	86587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	228859	76.80	ng	0.01
7) Phenol-d6	6.24	99	210038	54.65	ng	0.00
23) Nitrobenzene-d5	7.15	82	353709	96.33	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	111098	135.74	ng	0.01
44) 2-Fluorobiphenyl	8.95	172	643640	97.56	ng	0.00
78) Terphenyl-d14	12.67	244	550071	108.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	26890	20.78	ng	93
3) Pyridine	2.68	79	51081	15.54	ng	98
4) n-Nitrosodimethylamine	2.65	42	25723	18.59	ng	96
6) Aniline	6.25	93	116577	22.45	ng	# 86
8) 2-Chlorophenol	6.36	128	134872	40.78	ng	91
9) Benzaldehyde	6.12	77	34928	14.72	ng	94
10) Phenol	6.25	94	74965	16.93	ng	# 55
11) bis(2-Chloroethyl)ether	6.33	93	157058	47.23	ng	96
12) 1,3-Dichlorobenzene	6.51	146	137126	37.55	ng	99
13) 1,4-Dichlorobenzene	6.59	146	146430	39.81	ng	98
14) 1,2-Dichlorobenzene	6.75	146	143468	41.37	ng	98
15) Benzyl Alcohol	6.74	79	96696	34.36	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.88	45	170861	45.10	ng	# 55
17) 2-Methylphenol	6.87	107	85821	32.95	ng	95
18) Hexachloroethane	7.08	117	54049	39.10	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	117852	46.89	ng	100
20) 3+4-Methylphenols	7.02	107	109530	30.97	ng	# 70
22) Acetophenone	7.00	105	222576	42.72	ng	# 98
24) Nitrobenzene	7.18	77	170853	44.12	ng	97
25) Isophorone	7.42	82	310345	45.86	ng	100
26) 2-Nitrophenol	7.50	139	75362	41.73	ng	# 78
27) 2,4-Dimethylphenol	7.54	122	107402	35.29	ng	98
28) bis(2-Chloroethoxy)methane	7.63	93	192625	45.51	ng	99
29) 2,4-Dichlorophenol	7.74	162	119291	43.50	ng	98
30) 1,2,4-Trichlorobenzene	7.82	180	127057	41.85	ng	100
31) Naphthalene	7.88	128	412323m	39.16	ng	
32) Benzoic acid	7.67	122	31405	13.42	ng	90
33) 4-Chloroaniline	7.95	127	108219	24.44	ng	97
34) Hexachlorobutadiene	8.01	225	66558	39.39	ng	96
35) Caprolactam	8.34	113	8936m	10.49	ng	
36) 4-Chloro-3-methylphenol	8.44	107	130380	39.46	ng	89
37) 2-Methylnaphthalene	8.58	142	295723	44.04	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	120364	35.62	ng	99
40) Hexachlorocyclopentadiene	8.73	237	88413	78.35	ng	99

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 GW-05-5.0-16.0MS

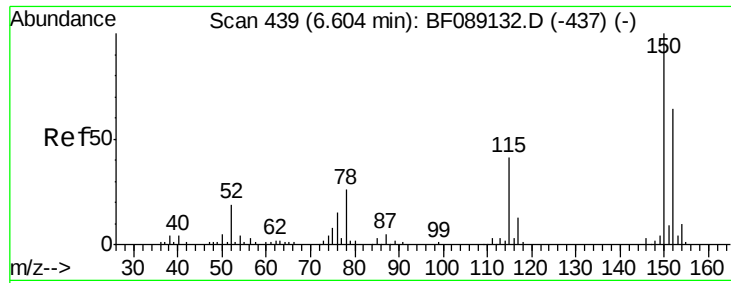
Manual Integrations

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 7/25/2016 6:43:00 PM

Quant Time: Jul 25 11:26:32 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	79684	42.14	ng	98
43) 2,4,5-Trichlorophenol	8.91	196	91403	48.15	ng	95
45) 1,1'-Biphenyl	9.05	154	343753	41.99	ng	95
46) 2-Chloronaphthalene	9.06	162	269712	43.36	ng	98
47) 2-Nitroaniline	9.18	65	95260	44.64	ng	# 76
48) Acenaphthylene	9.47	152	425881	43.54	ng	100
49) Dimethylphthalate	9.36	163	360077	51.62	ng	98
50) 2,6-Dinitrotoluene	9.42	165	74284	47.17	ng	# 71
51) Acenaphthene	9.64	154	244694	42.29	ng	99
52) 3-Nitroaniline	9.59	138	51475	27.52	ng	89
53) 2,4-Dinitrophenol	9.70	184	66908	82.95	ng	# 88
54) Dibenzofuran	9.82	168	367022	46.95	ng	96
55) 4-Nitrophenol	9.77	139	46024m	40.67	ng	
56) 2,4-Dinitrotoluene	9.83	165	95419	47.04	ng	# 72
57) Fluorene	10.16	166	304680	45.91	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	66383m	48.69	ng	
59) Diethylphthalate	10.06	149	352747	51.00	ng	96
60) 4-Chlorophenyl-phenylether	10.16	204	146097	48.23	ng	# 87
61) 4-Nitroaniline	10.20	138	76161	41.85	ng	93
62) Azobenzene	10.32	77	382348	50.86	ng	89
64) 4,6-Dinitro-2-methylphenol	10.23	198	47455	46.09	ng	# 59
65) n-Nitrosodiphenylamine	10.28	169	282375	47.77	ng	99
66) 4-Bromophenyl-phenylether	10.64	248	80976	46.27	ng	# 87
67) Hexachlorobenzene	10.71	284	86918	46.17	ng	# 91
68) Atrazine	10.81	200	76403	41.33	ng	98
69) Pentachlorophenol	10.90	266	81637	94.00	ng	99
70) Phenanthrene	11.11	178	428022	44.12	ng	99
71) Anthracene	11.17	178	493756	48.96	ng	99
72) Carbazole	11.33	167	438009	49.45	ng	100
73) Di-n-butylphthalate	11.67	149	567949	51.84	ng	98
74) Fluoranthene	12.29	202	443956	43.53	ng	99
76) Benzidine	12.42	184	121734	32.20	ng	98
77) Pyrene	12.51	202	459595	50.60	ng	100
79) Butylbenzylphthalate	13.14	149	210496	54.79	ng	93
80) Benzo(a)anthracene	13.70	228	332483	47.47	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	86001	37.02	ng	98
82) Chrysene	13.74	228	356625	53.31	ng	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	290350	56.98	ng	# 95
84) Di-n-octyl phthalate	14.32	149	438206	52.12	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	257945	53.08	ng	99
87) Benzo(b)fluoranthene	14.70	252	308361m	49.17	ng	
88) Benzo(k)fluoranthene	14.72	252	226402m	50.48	ng	
89) Benzo(a)pyrene	14.99	252	245671	50.46	ng	99
90) Dibenzo(a,h)anthracene	16.29	278	216822	56.40	ng	99
91) Benzo(g,h,i)perylene	16.63	276	220823	56.97	ng	97

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



#1

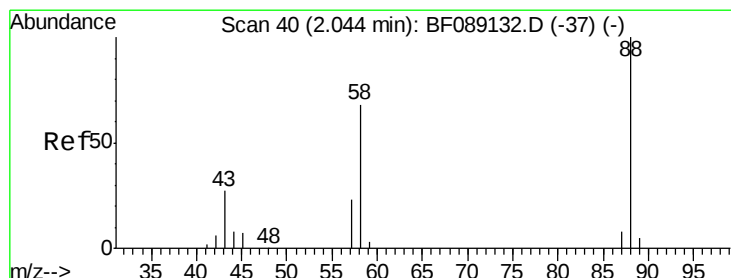
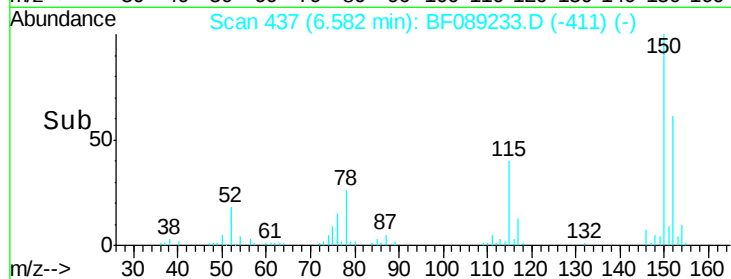
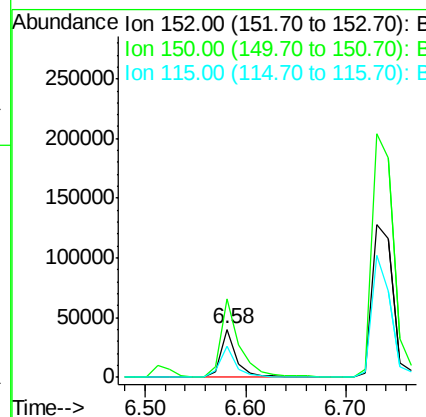
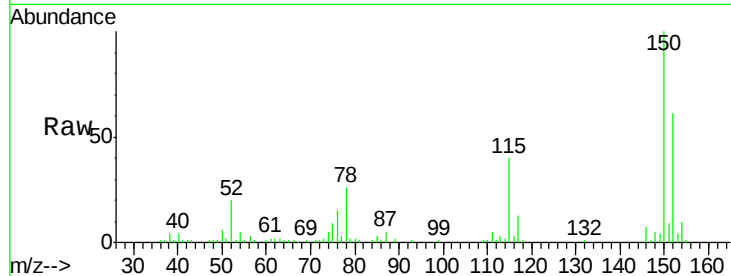
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.5	125.1	187.7
115	65.2	51.1	76.7

Manual Integrations

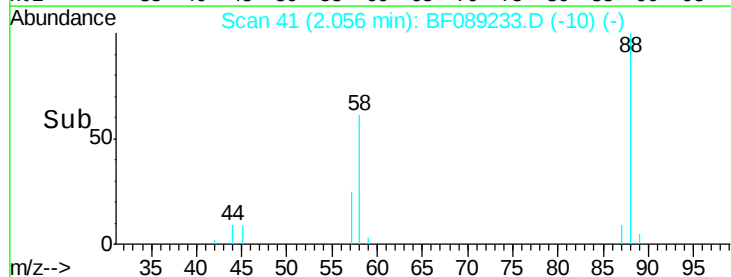
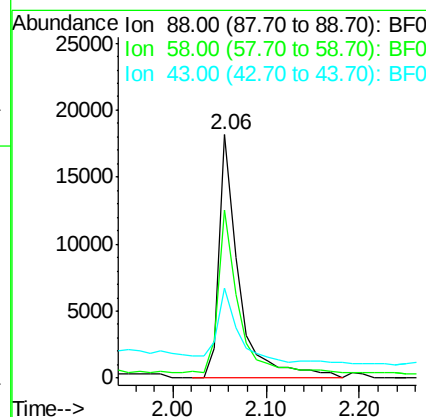
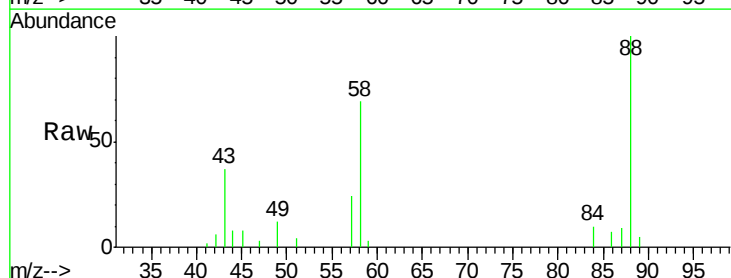
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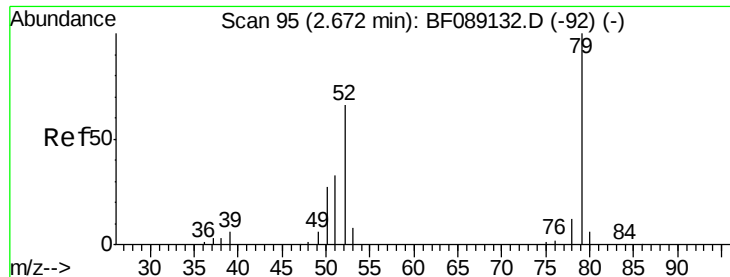


#2

1,4-Dioxane
Concen: 20.78 ng
RT: 2.06 min Scan# 41
Delta R.T. 0.06 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.9	49.2	73.8
43	28.9	20.6	30.8





#3

Pyridine

Concen: 15.54 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.07 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

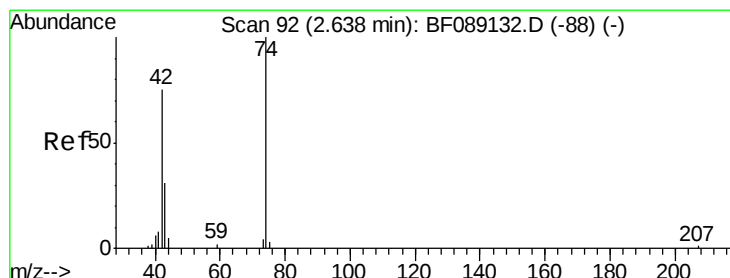
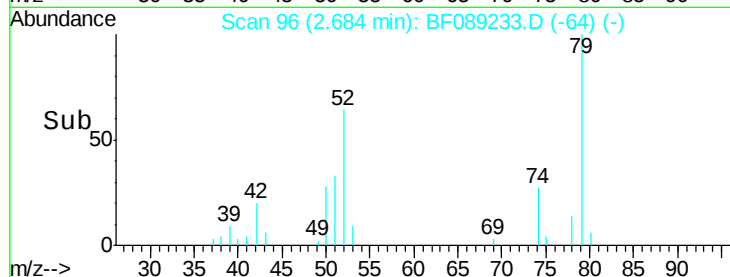
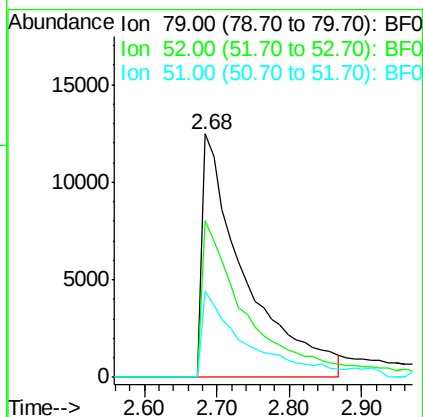
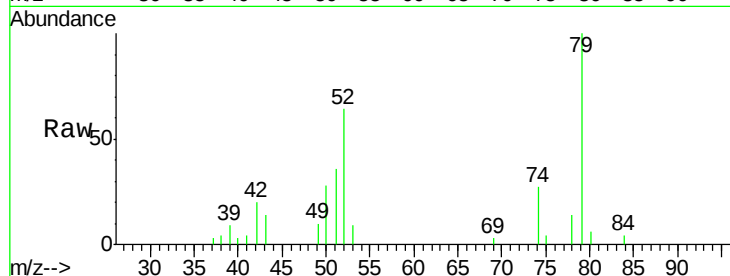
GW-05-5.0-16.0MS

Tgt Ion:	79	Resp:	51081
Ion	Ratio	Lower	Upper
79	100		
52	64.4	52.9	79.3
51	35.6	27.0	40.6

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 18.59 ng

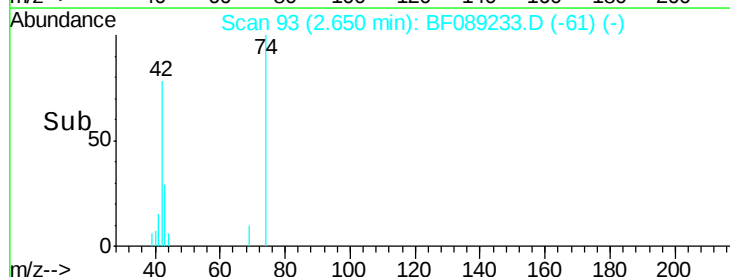
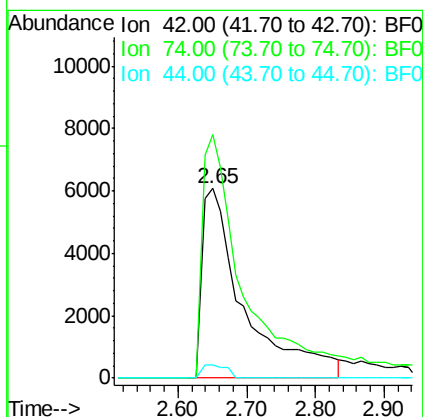
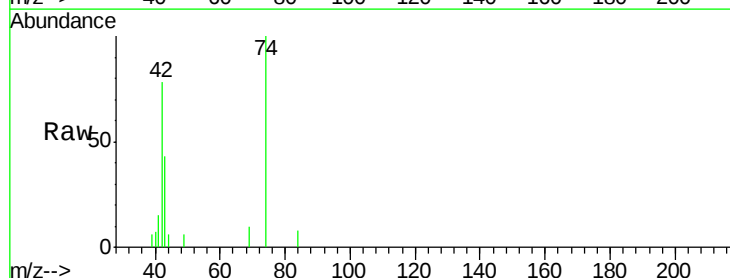
RT: 2.65 min Scan# 93

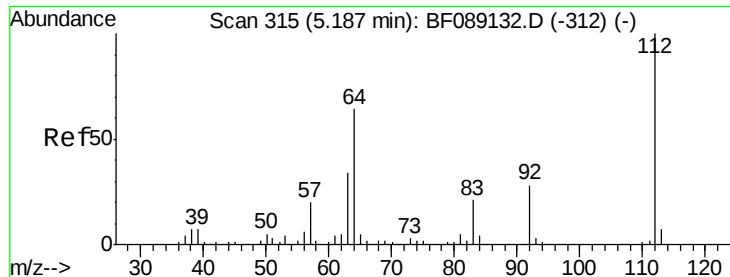
Delta R.T. 0.07 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:	42	Resp:	25723
Ion	Ratio	Lower	Upper
42	100		
74	128.4	106.4	159.6
44	7.2	5.2	7.8





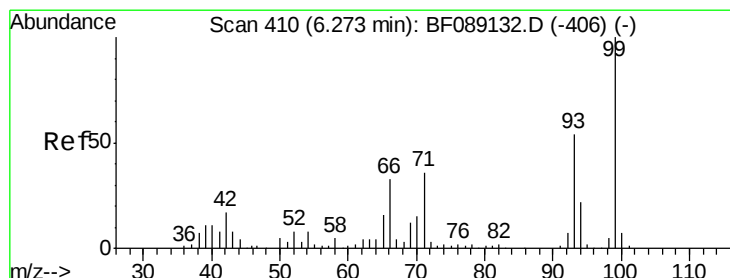
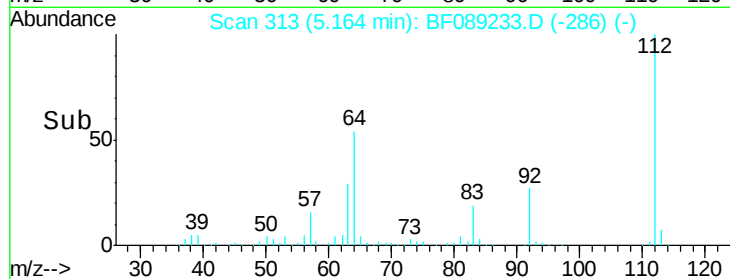
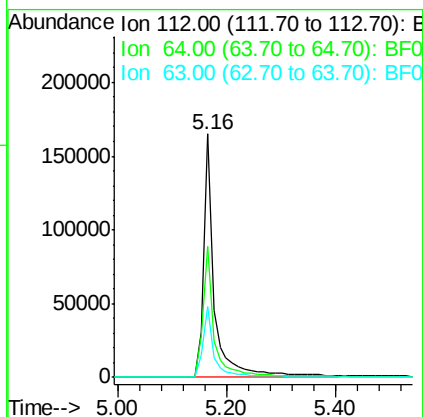
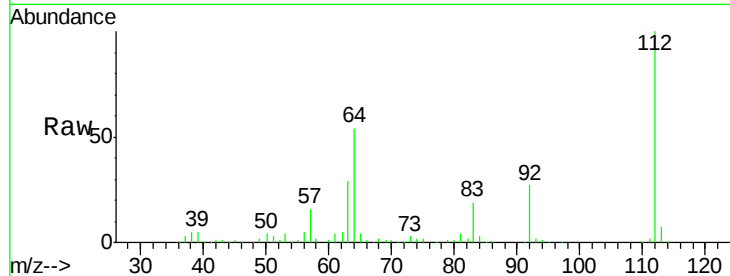
#5
2-Fluorophenol
Concen: 76.80 ng
RT: 5.16 min Scan# 313
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	228859		
64	53.7	51.0	76.4	
63	29.0	27.3	40.9	

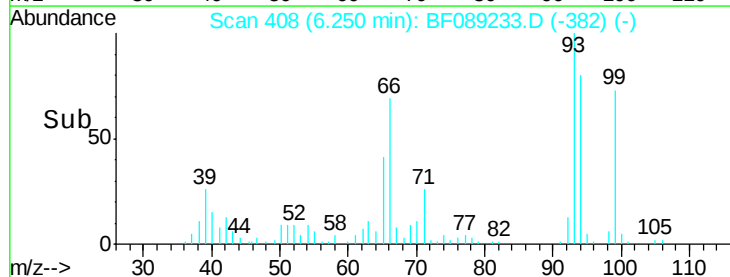
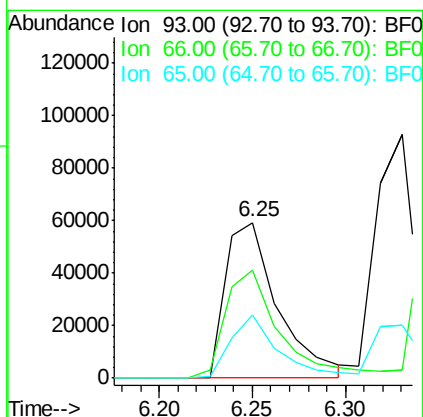
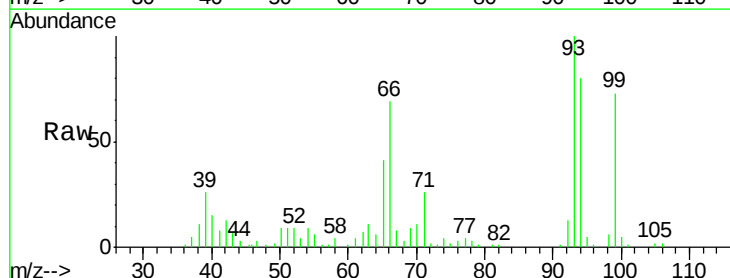
Manual Integrations

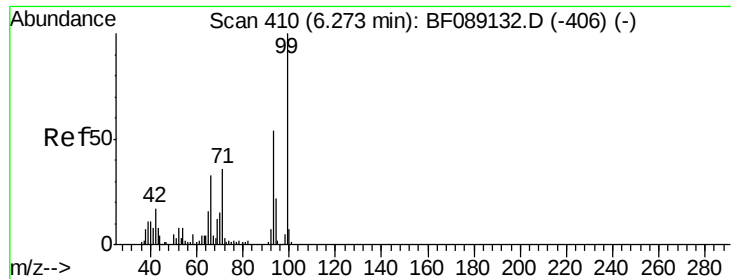
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#6
Aniline
Concen: 22.45 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	116577		
66	69.4	48.9	73.3	
65	40.7	23.9	35.9	





#7

Phenol-d6

Concen: 54.65 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089233.D

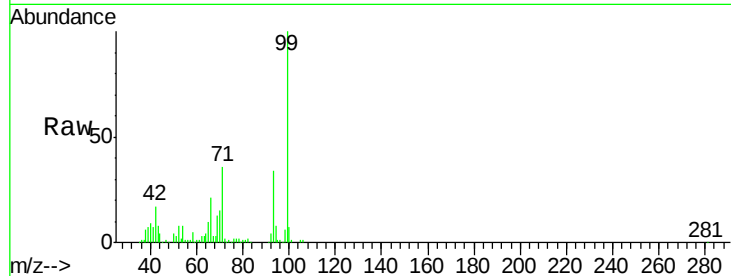
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS



Tgt Ion: 99 Resp: 210038

Ion Ratio Lower Upper

99 100

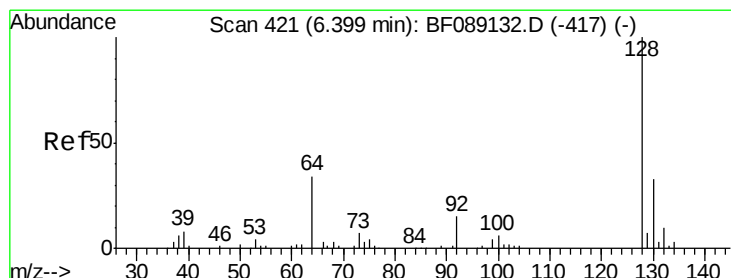
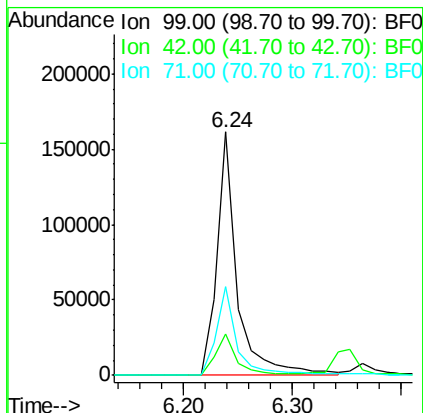
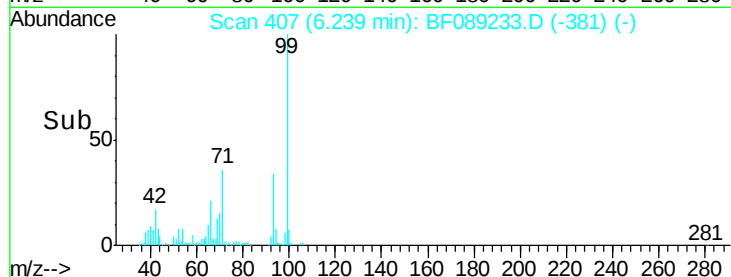
42 16.7 13.5 20.3

71 36.2 28.9 43.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 40.78 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

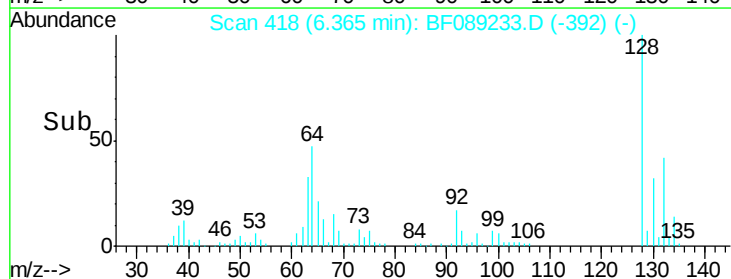
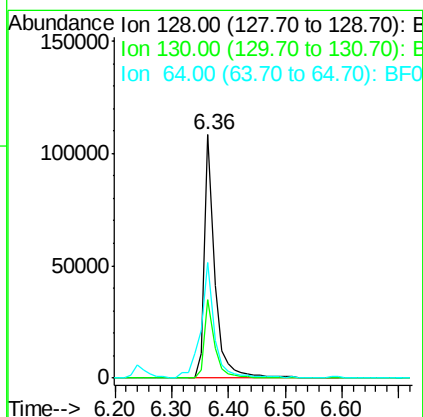
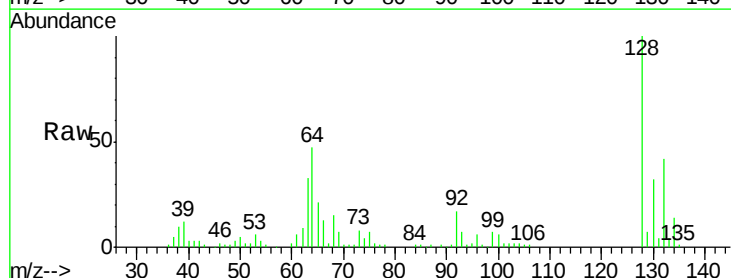
Tgt Ion: 128 Resp: 134872

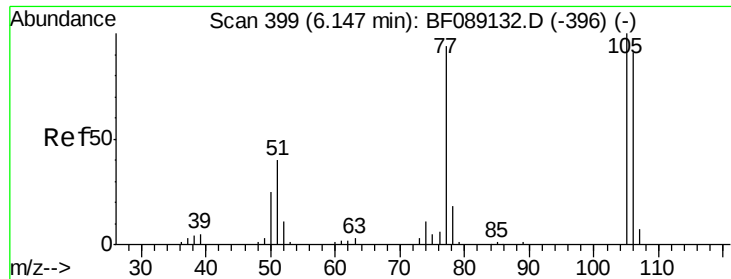
Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

64 47.4 17.5 57.5





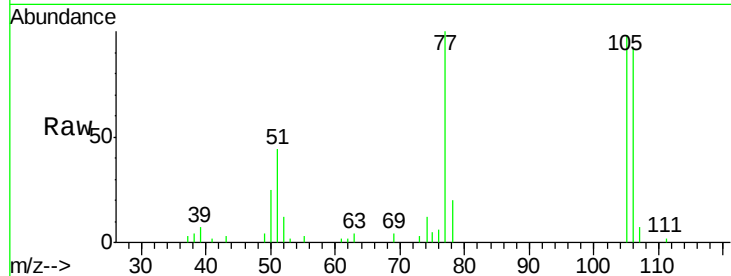
#9
Benzaldehyde
Concen: 14.72 ng
RT: 6.12 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

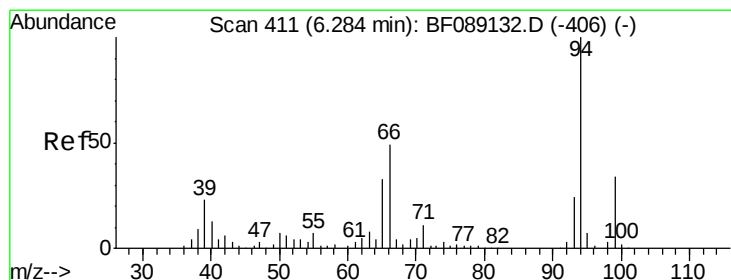
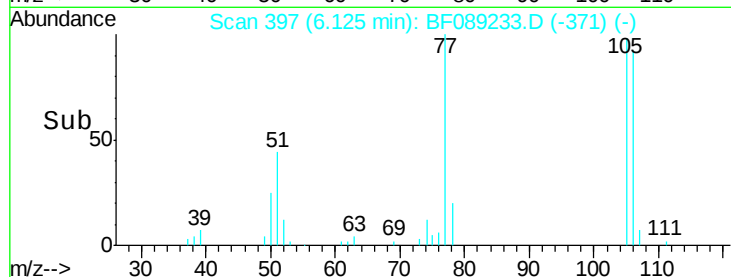
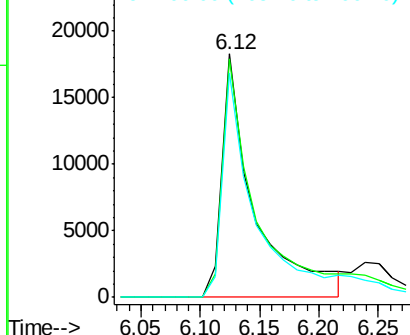
Tgt Ion: 77 Resp: 34928
Ion Ratio Lower Upper
77 100
105 97.8 86.2 126.2
106 92.3 76.3 116.3

Manual Integrations

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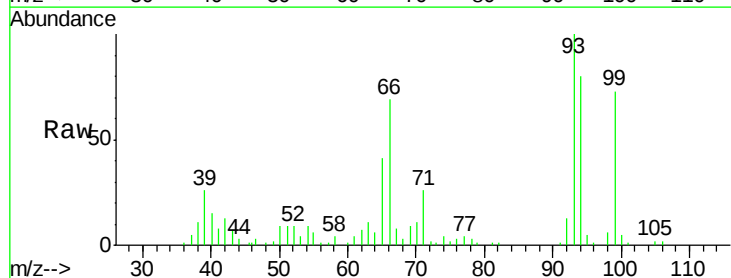


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

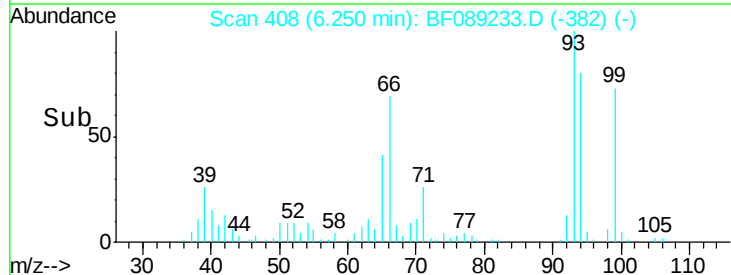
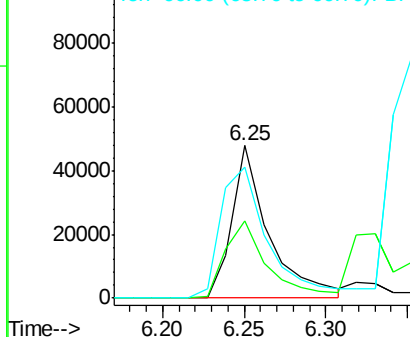


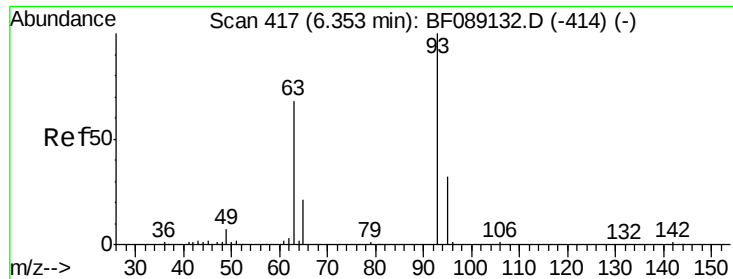
#10
Phenol
Concen: 16.93 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 94 Resp: 74965
Ion Ratio Lower Upper
94 100
65 50.6 13.3 53.3
66 86.3 29.3 69.3#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





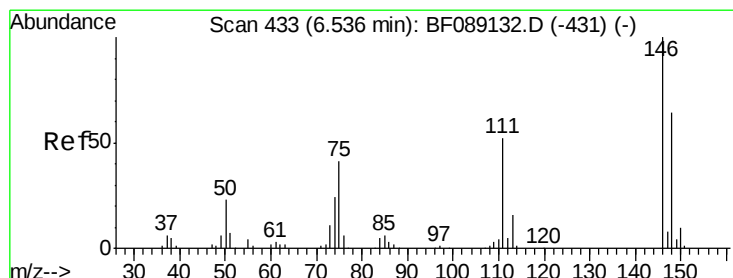
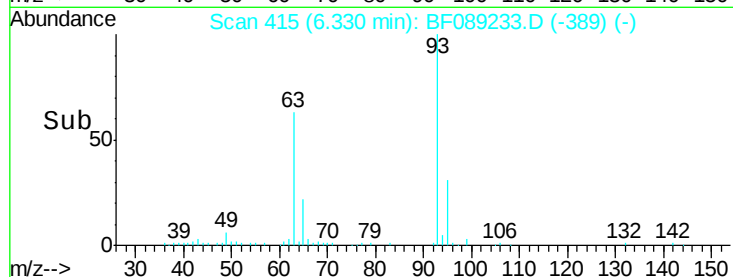
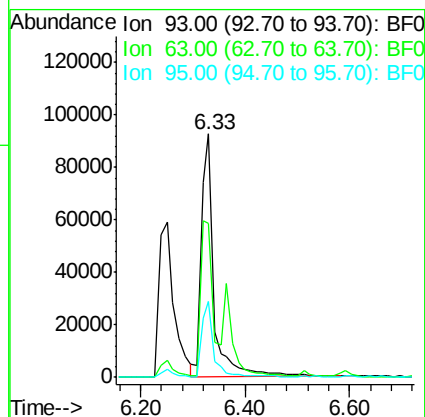
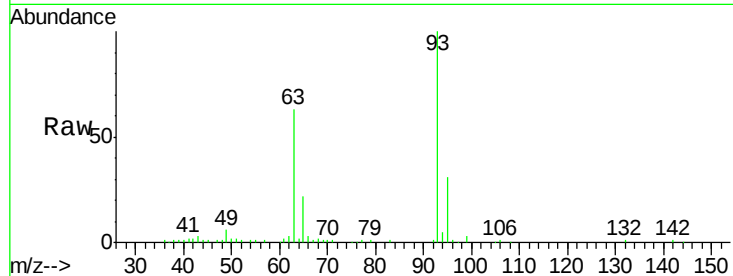
#11
bis(2-Chloroethyl)ether
Concen: 47.23 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	63.2	47.3	87.3
95	31.1	11.8	51.8

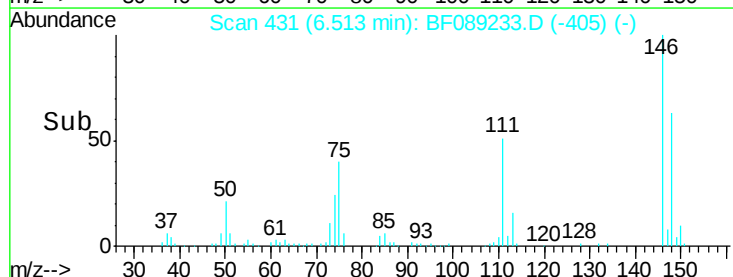
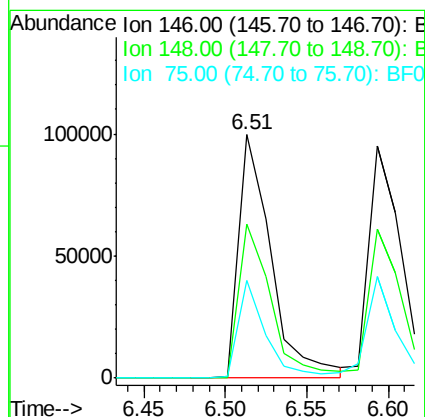
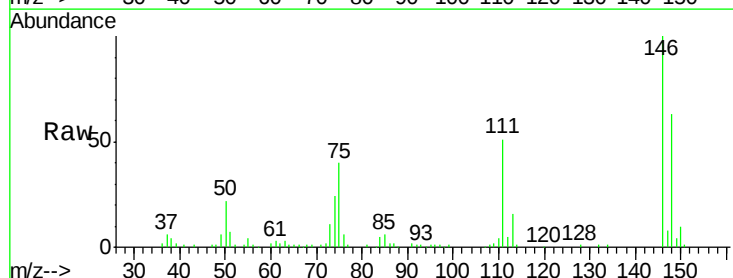
Manual Integrations

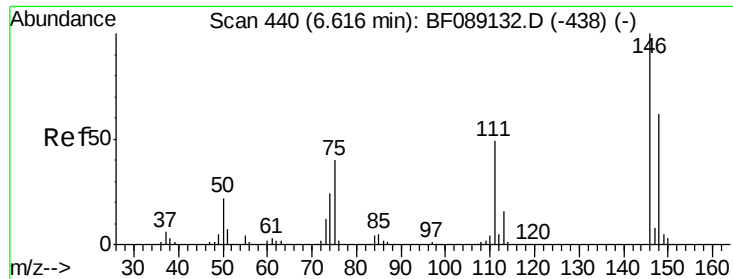
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#12
1,3-Dichlorobenzene
Concen: 37.55 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
75	40.2	32.5	48.7





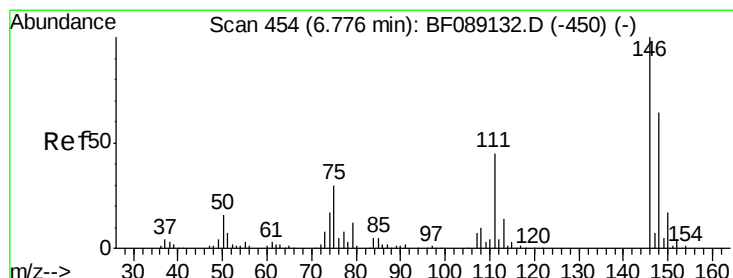
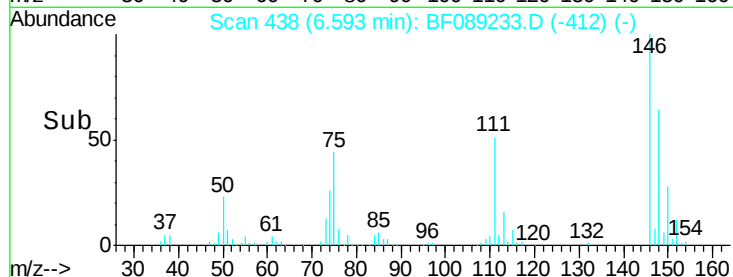
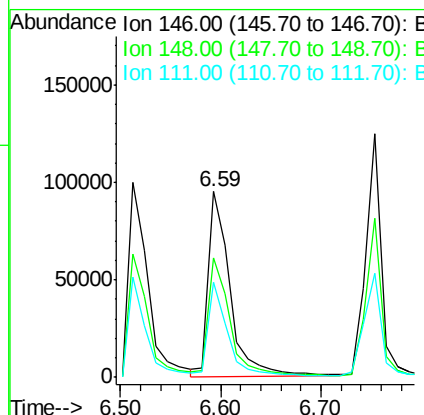
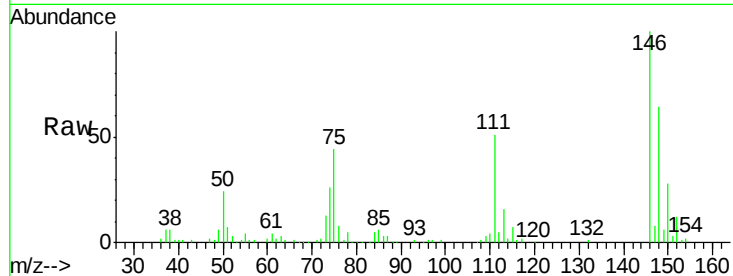
#13
1,4-Dichlorobenzene
Concen: 39.81 ng
RT: 6.59 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	49.9	74.9
111	51.2	39.8	59.6

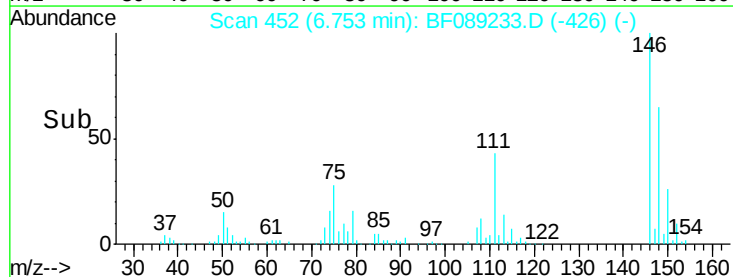
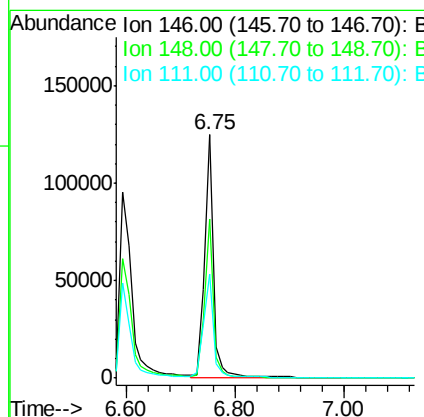
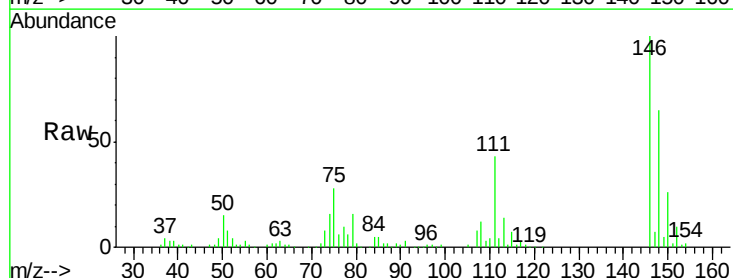
Manual Integrations

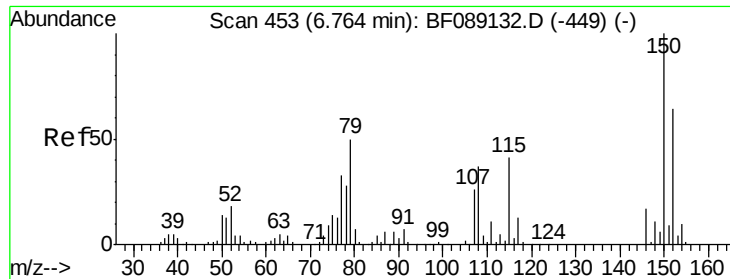
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#14
1,2-Dichlorobenzene
Concen: 41.37 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.4	77.0
111	42.9	35.9	53.9





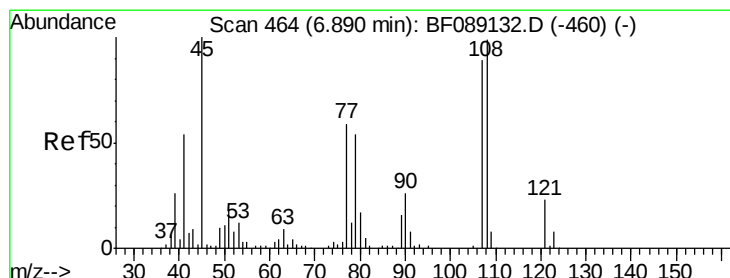
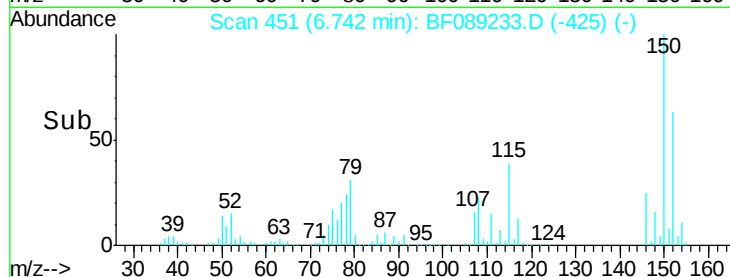
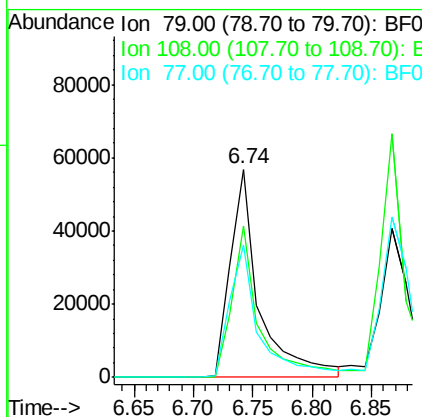
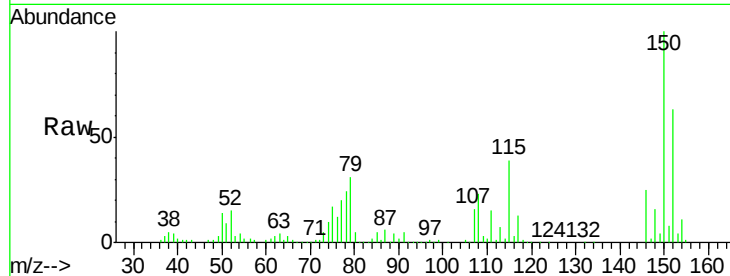
#15
Benzyl Alcohol
Concen: 34.36 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion: 79 Resp: 96696
Ion Ratio Lower Upper
79 100
108 72.8 58.2 87.4
77 63.4 52.2 78.4

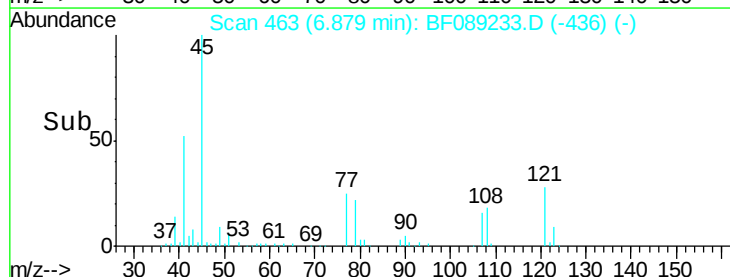
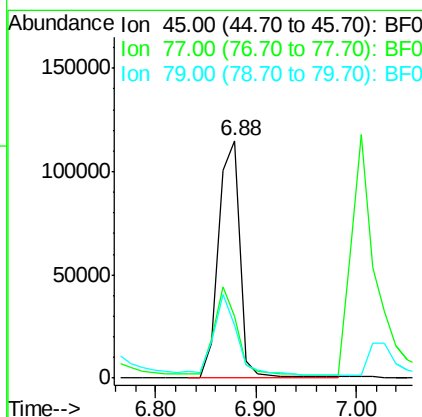
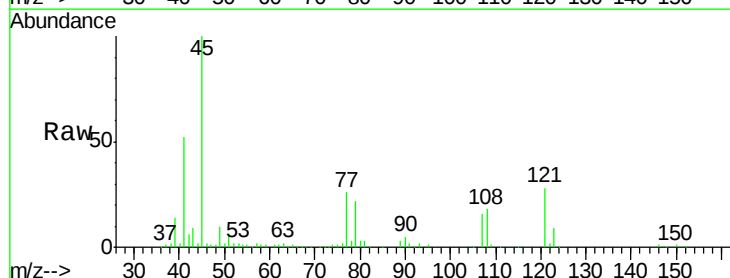
Manual Integrations

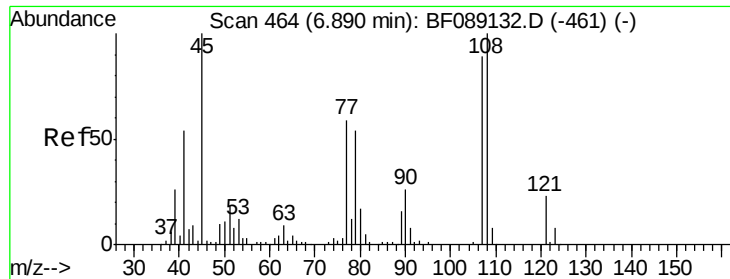
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.10 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 45 Resp: 170861
Ion Ratio Lower Upper
45 100
77 25.9 39.7 79.7#
79 22.2 34.7 74.7#





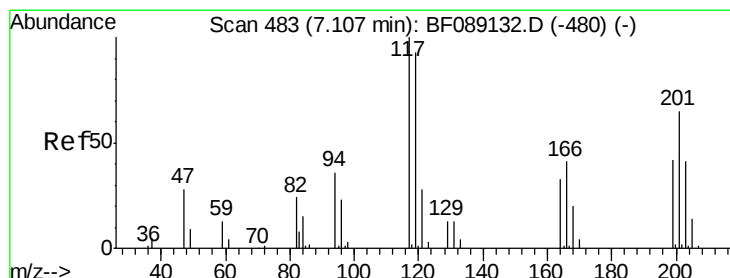
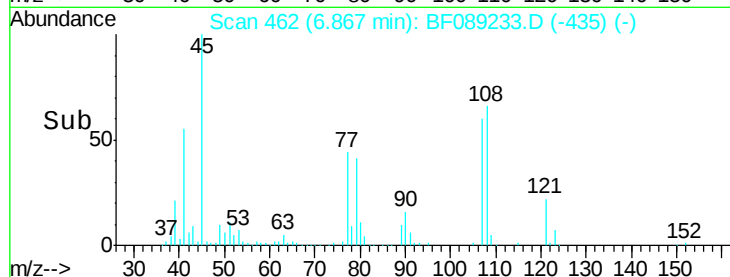
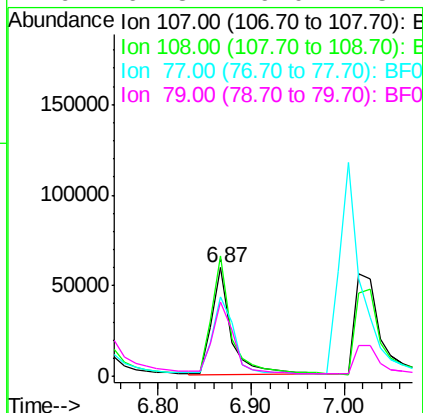
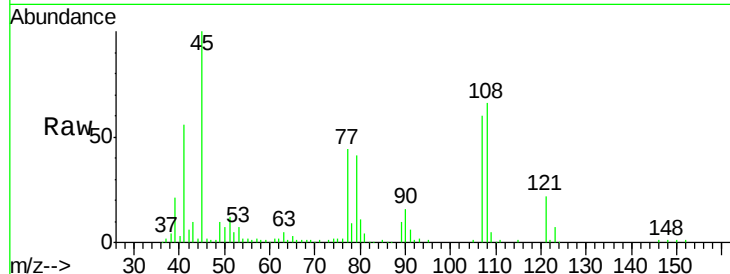
#17
2-Methylphenol
Concen: 32.95 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion:	107	Resp:	85821
Ion Ratio	Lower	Upper	
107	100		
108	110.8	89.4	134.2
77	73.3	53.4	80.0
79	67.8	49.0	73.4

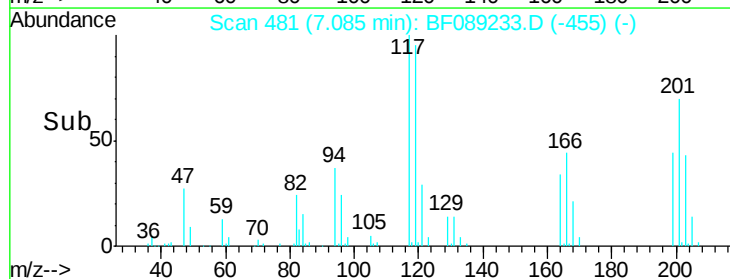
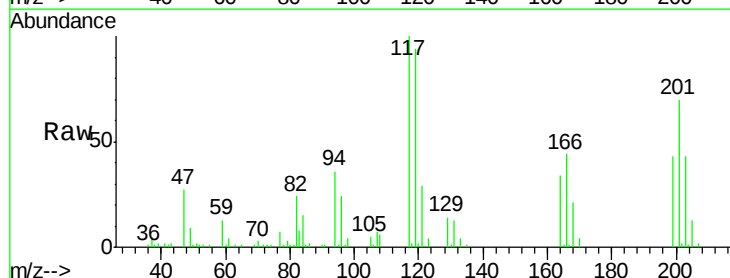
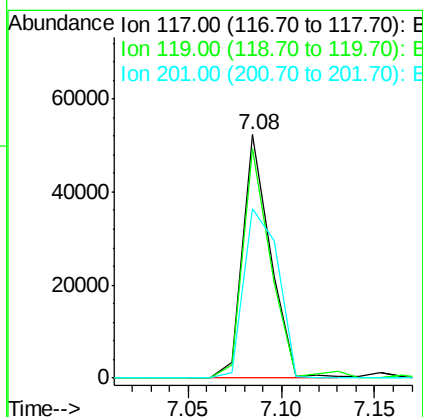
Manual Integrations

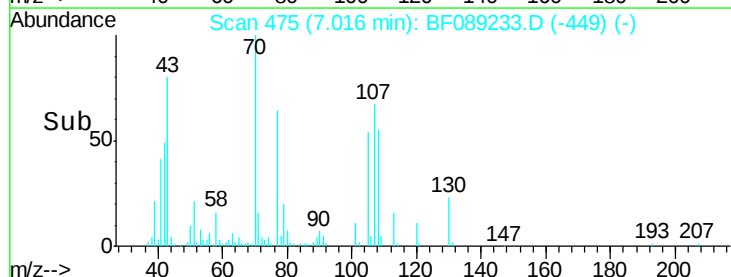
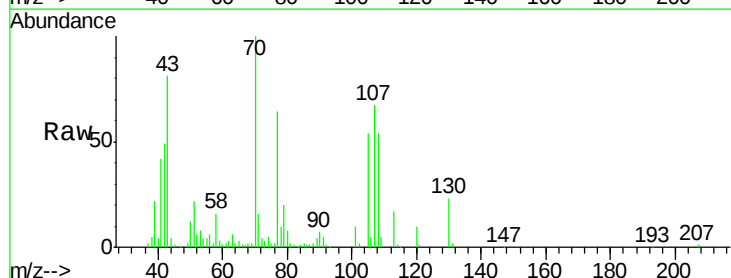
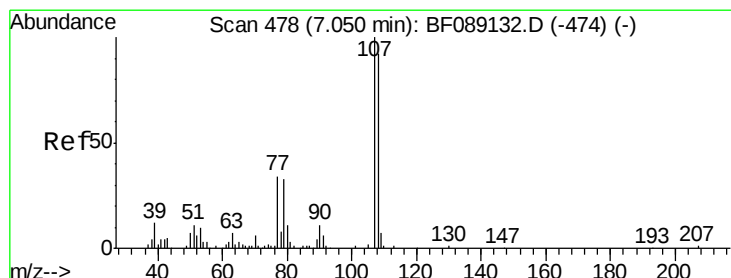
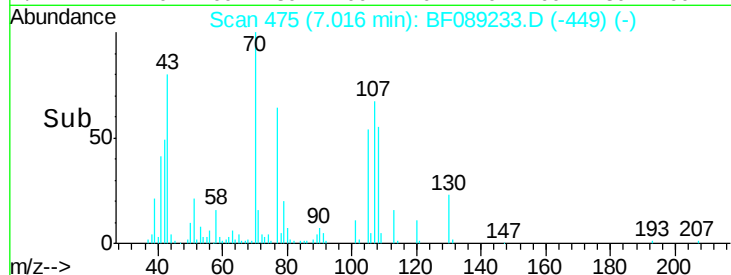
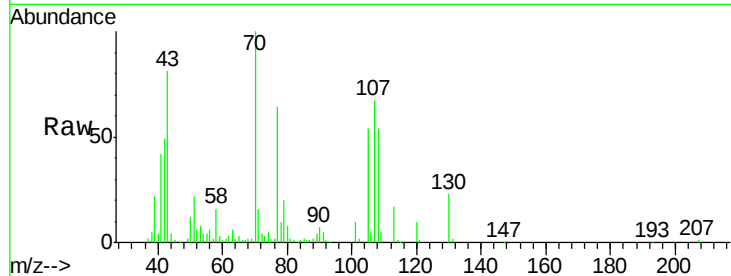
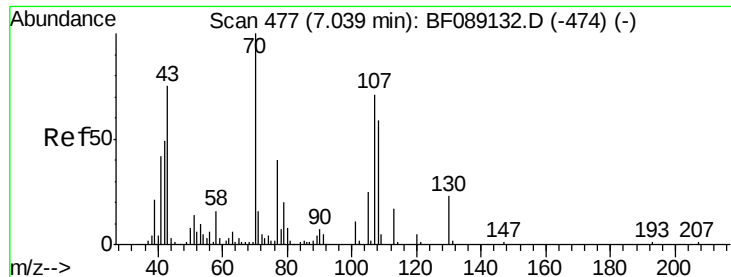
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#18
Hexachloroethane
Concen: 39.10 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:	117	Resp:	54049
Ion Ratio	Lower	Upper	
117	100		
119	94.3	74.5	111.7
201	69.8	51.8	77.6

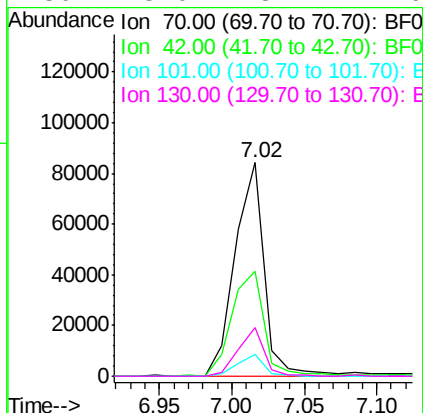




#19
n-Nitroso-di-n-propylamine
Concen: 46.89 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
70	100		
42	49.0	39.2	58.8
101	10.5	8.5	12.7
130	23.0	18.4	27.6

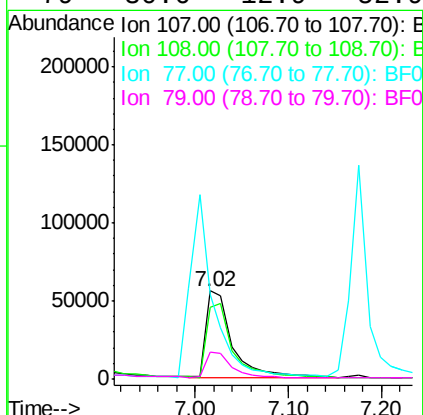


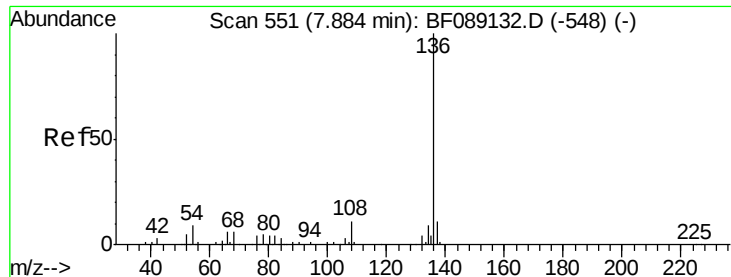
Manual Integrations

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#20
3+4-Methylphenols
Concen: 30.97 ng
RT: 7.02 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.5	72.5	112.5
77	95.6	17.7	57.7#
79	30.6	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: BF089233.D

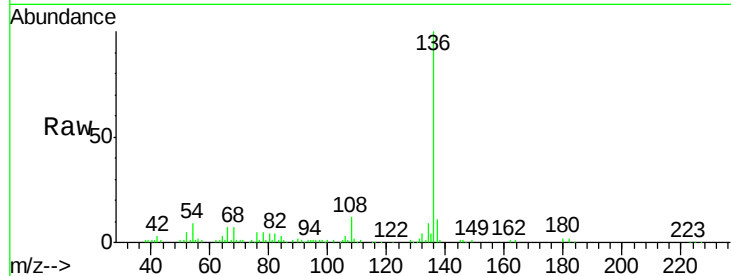
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS



Tgt Ion:136 Resp: 195091

Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

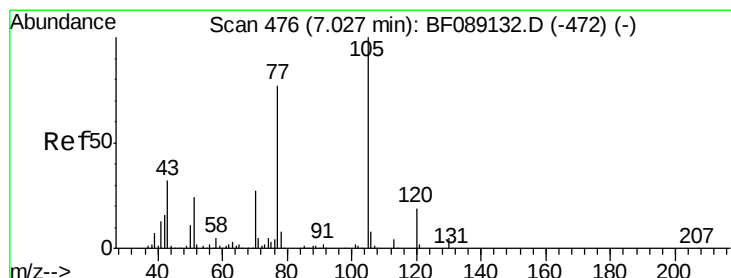
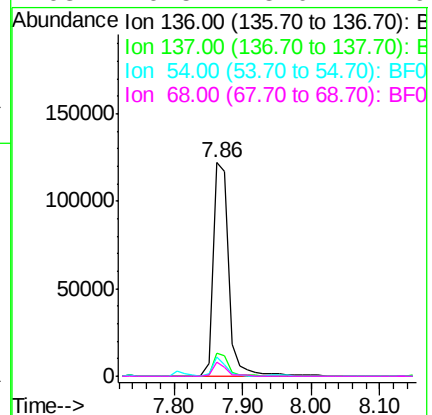
54 9.2 7.0 10.4

68 6.5 5.0 7.6

Manual Integrations

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#22

Acetophenone

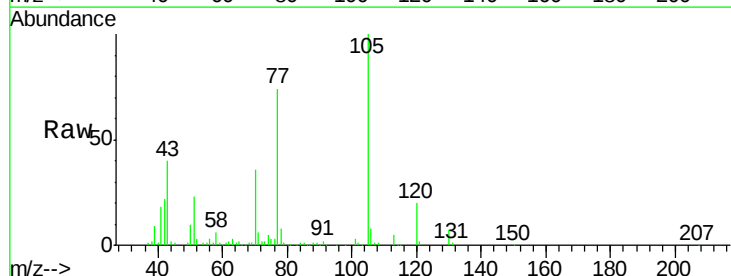
Concen: 42.72 ng

RT: 7.00 min Scan# 474

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59



Tgt Ion:105 Resp: 222576

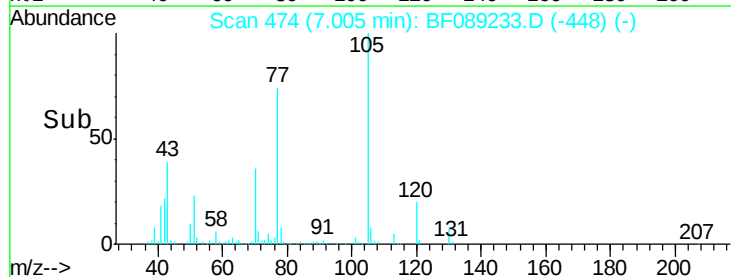
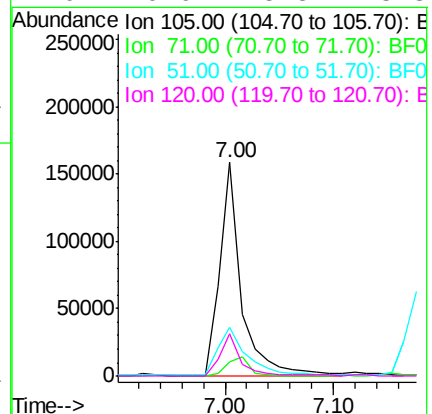
Ion Ratio Lower Upper

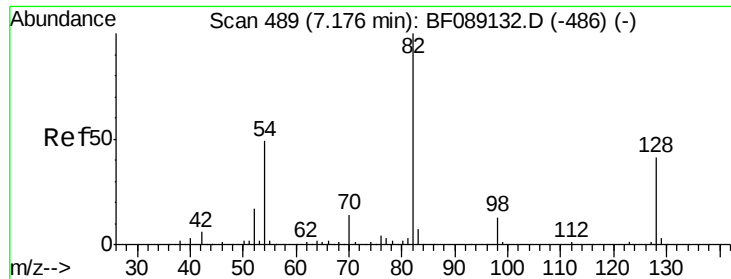
105 100

71 6.5 3.8 5.6#

51 23.1 19.6 29.4

120 19.9 15.5 23.3





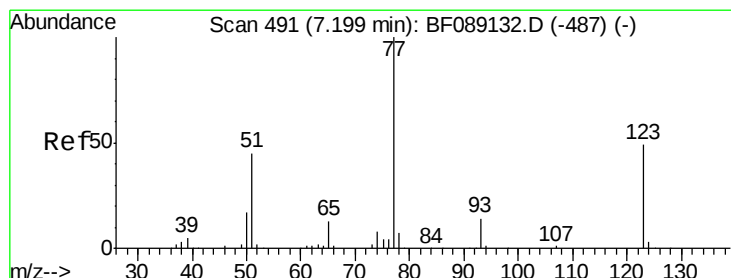
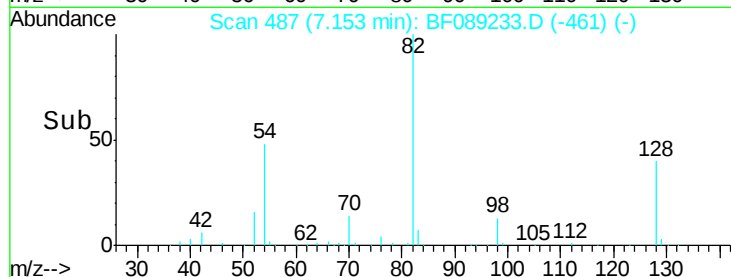
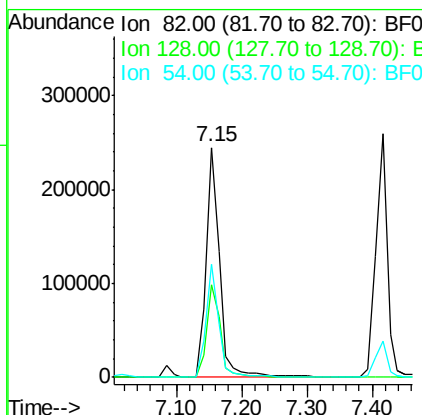
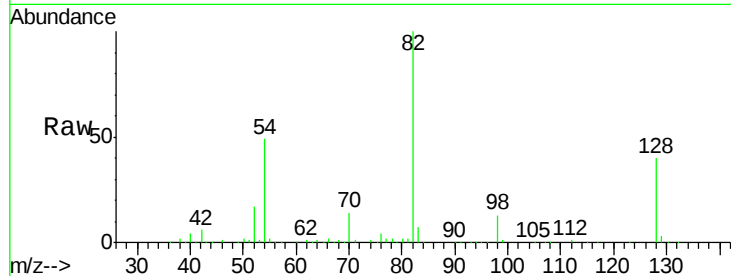
#23
 Nitrobenzene-d5
 Concen: 96.33 ng
 RT: 7.15 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.0	49.6
54	49.1	39.0	58.4

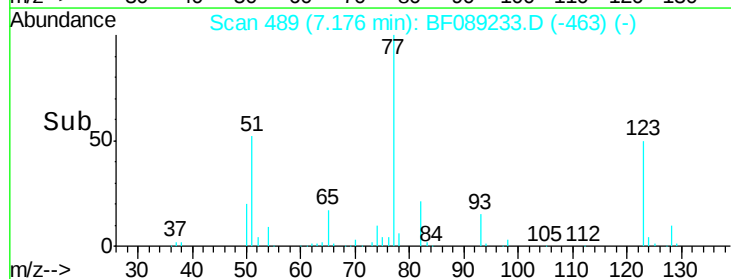
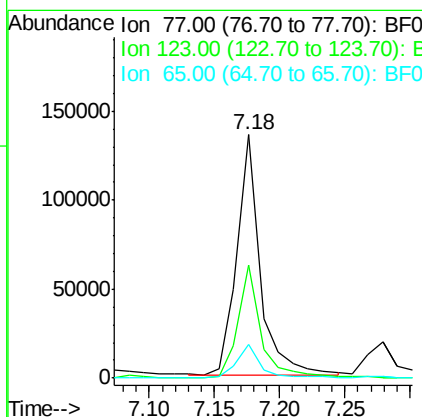
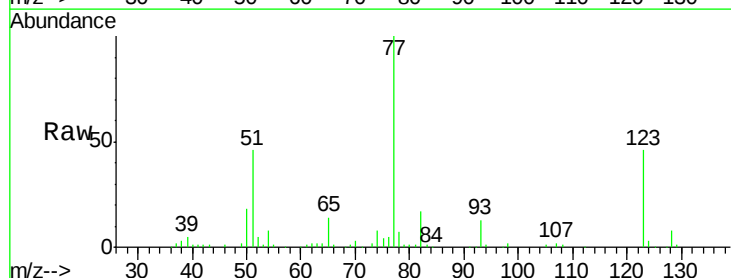
Manual Integrations

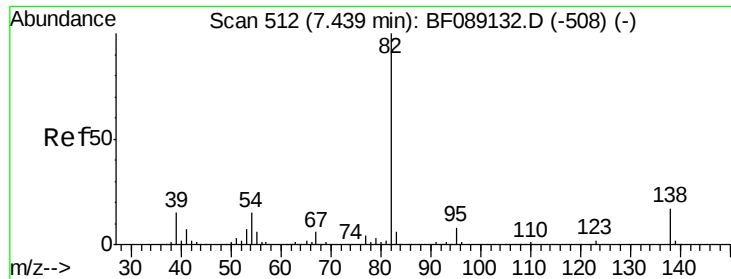
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#24
 Nitrobenzene
 Concen: 44.12 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	38.9	58.3
65	13.7	10.6	15.8





#25

Isophorone

Concen: 45.86 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

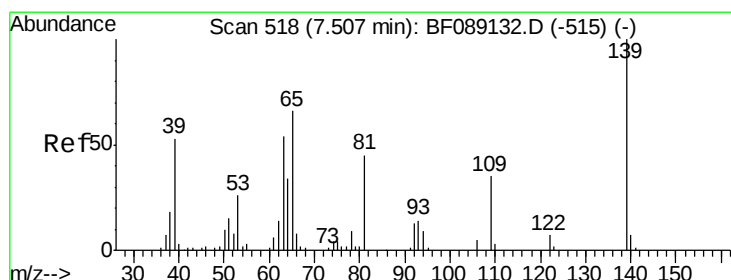
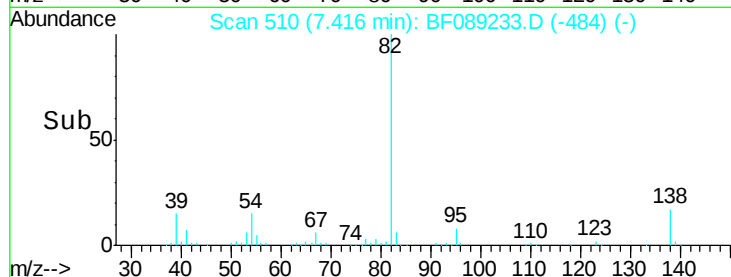
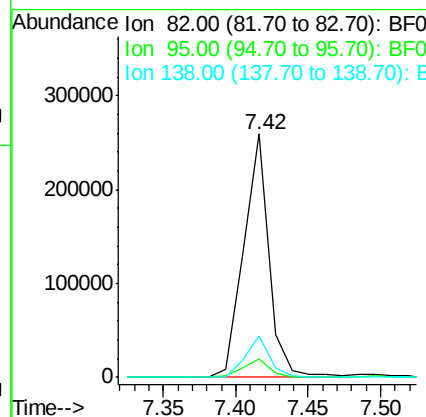
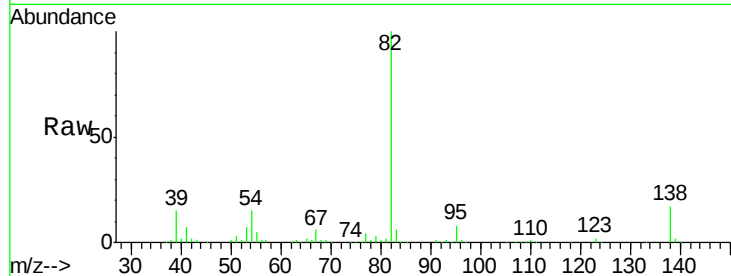
GW-05-5.0-16.0MS

Tgt Ion:	82	Resp:	310345
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.1	9.1
138	16.9	13.6	20.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.73 ng

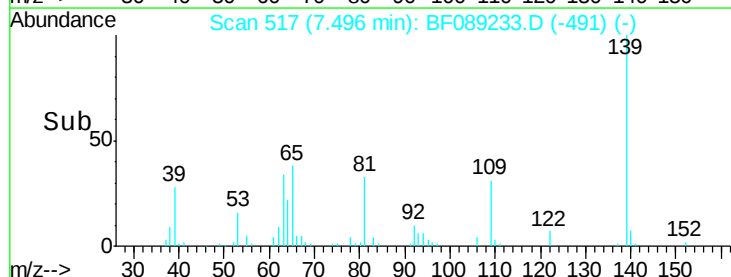
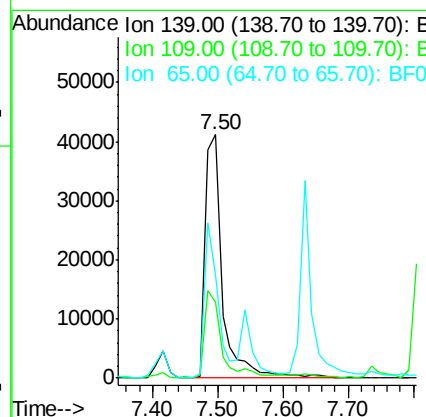
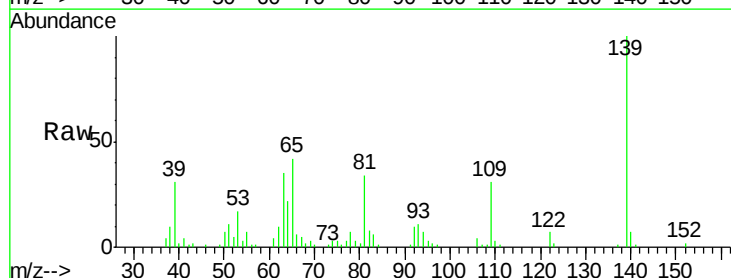
RT: 7.50 min Scan# 517

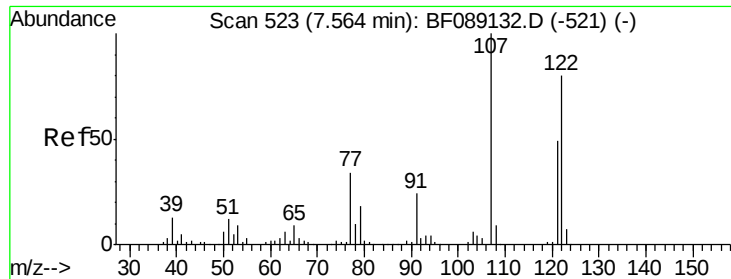
Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:	139	Resp:	75362
Ion Ratio	Lower	Upper	
139	100		
109	31.4	28.1	42.1
65	42.0	52.7	79.1#





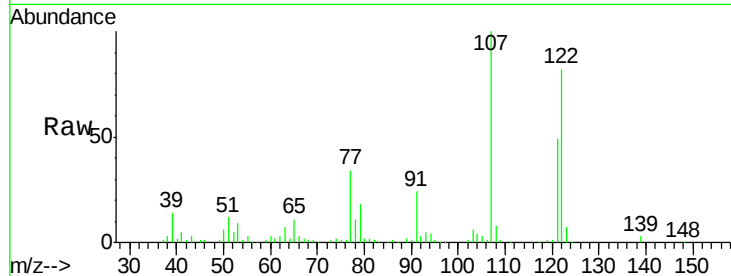
#27
 2,4-Dimethylphenol
 Concen: 35.29 ng
 RT: 7.54 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

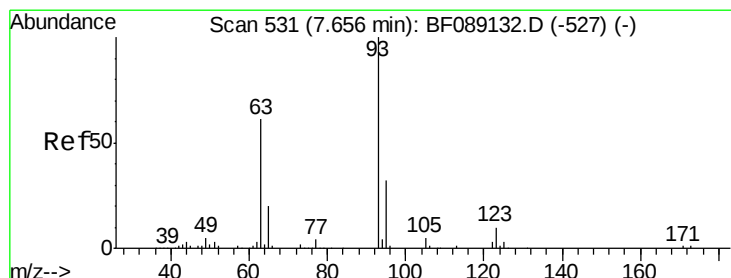
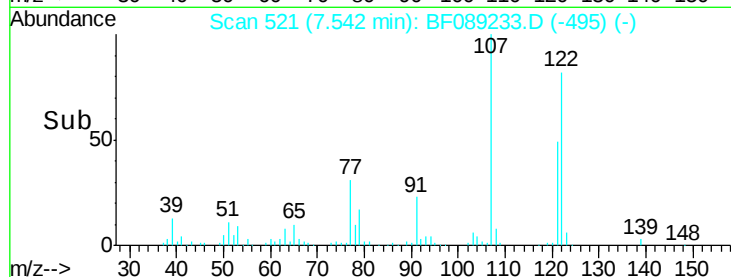
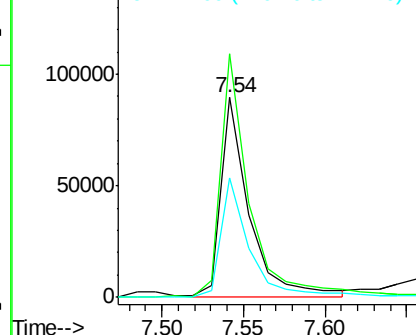
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	107402		
107	122.0	99.7	149.5	
121	59.9	48.5	72.7	

Manual Integrations

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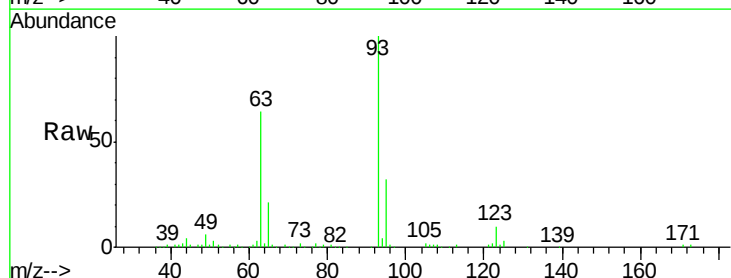


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

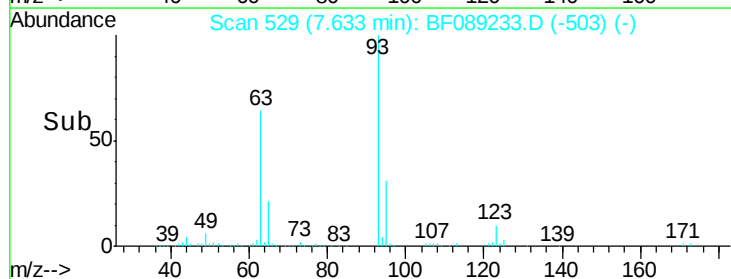
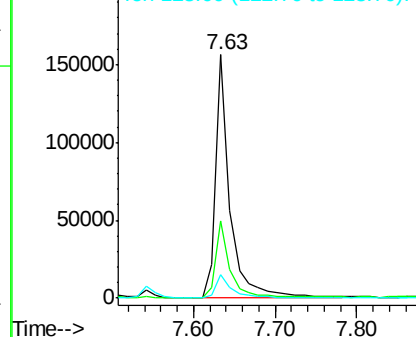


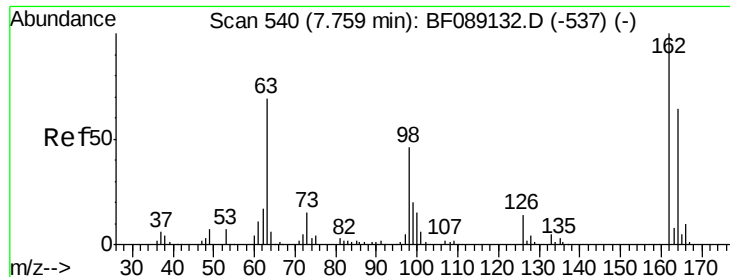
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.51 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	192625		
95	31.6	25.4	38.0	
123	9.8	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





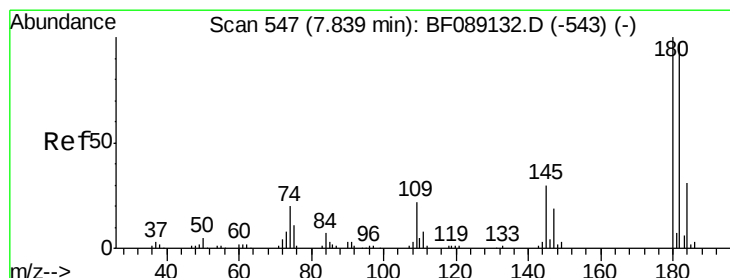
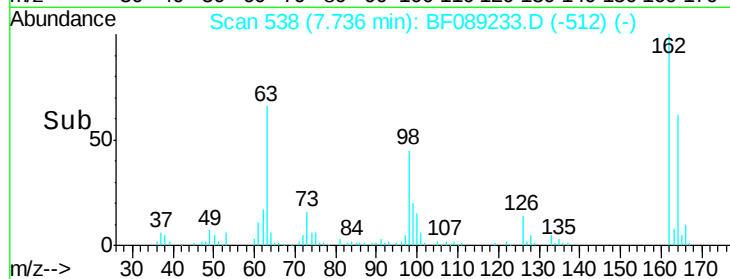
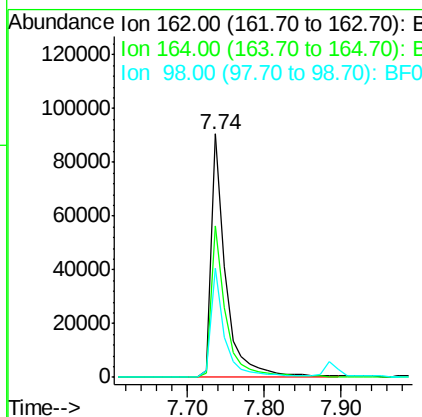
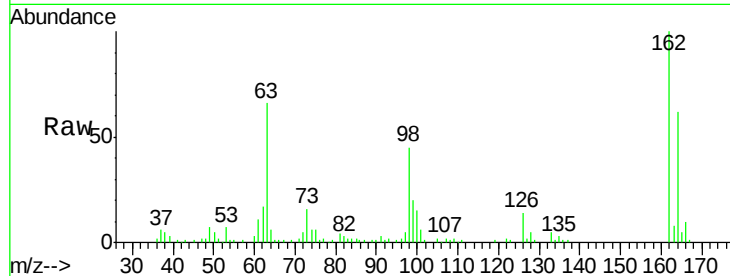
#29
 2,4-Dichlorophenol
 Concen: 43.50 ng
 RT: 7.74 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

Tgt Ion:	162	Resp:	119291
Ion Ratio	Lower	Upper	
162	100		
164	62.1	44.0	84.0
98	44.9	26.0	66.0

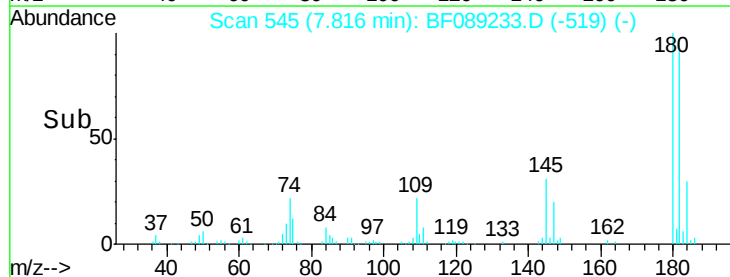
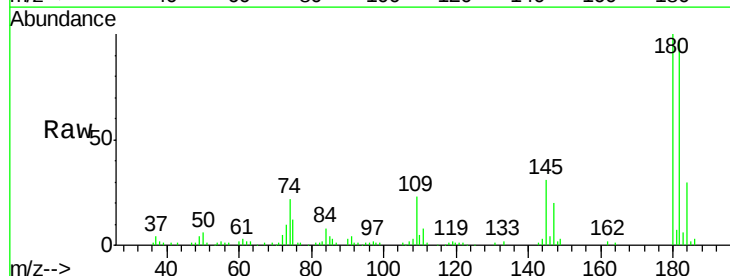
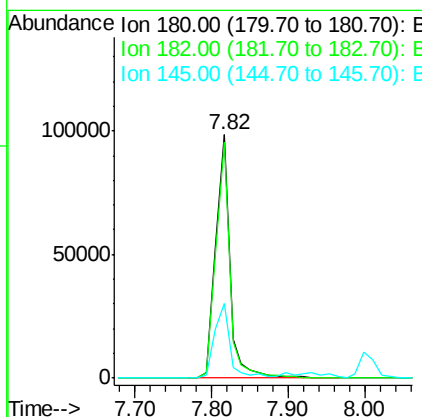
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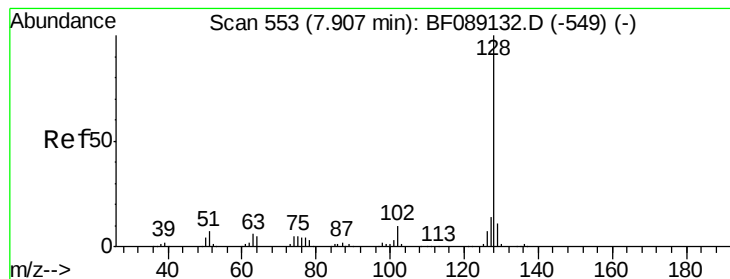
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:	180	Resp:	127057
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.6	116.4
145	30.7	24.0	36.0





#31

Naphthalene

Concen: 39.16 ng m

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089233.D

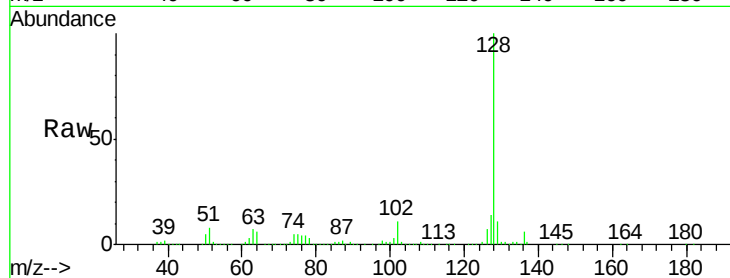
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

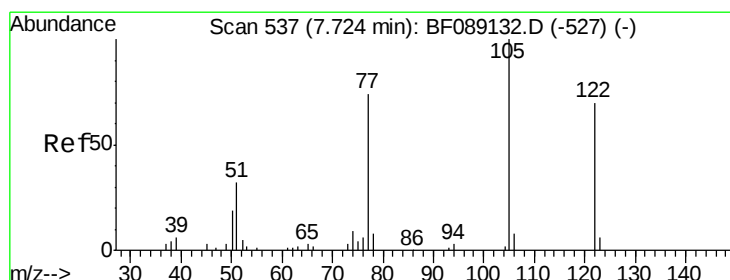
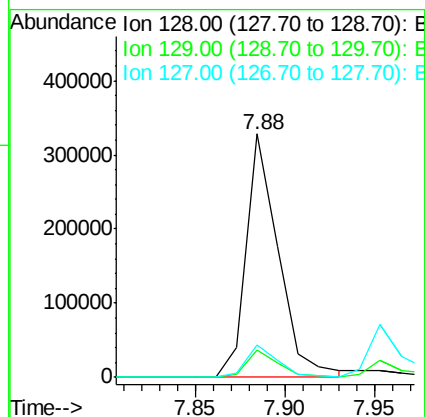


Tgt Ion:	128	Resp:	412323
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.9	13.3
127	13.6	10.8	16.2

Manual Integrations

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#32

Benzoic acid

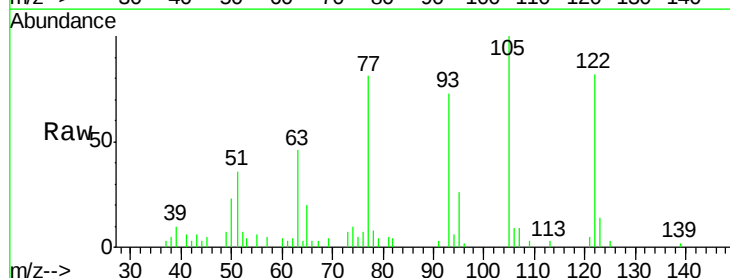
Concen: 13.42 ng

RT: 7.67 min Scan# 532

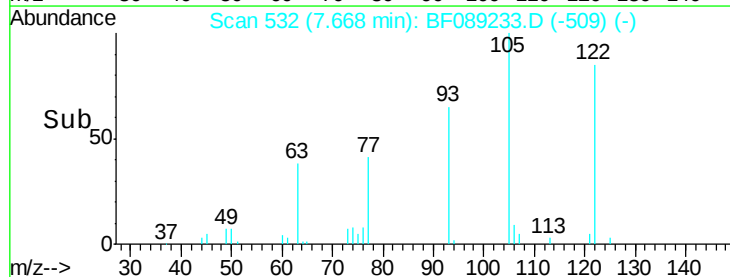
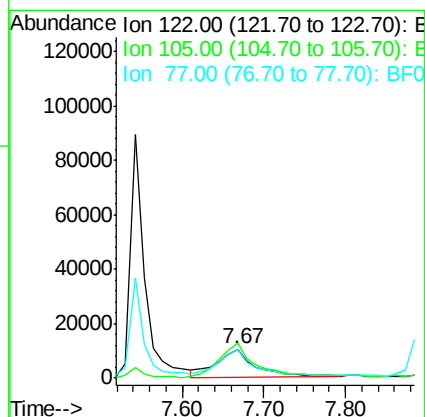
Delta R.T. -0.03 min

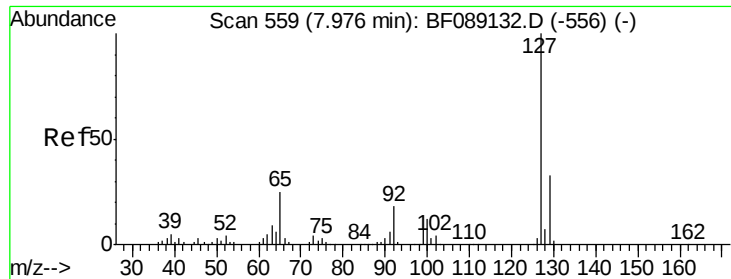
Lab File: BF089233.D

Acq: 23 Jul 2016 12:59



Tgt Ion:	122	Resp:	31405
Ion Ratio	Lower	Upper	
122	100		
105	122.6	119.0	159.0
77	99.0	84.7	124.7





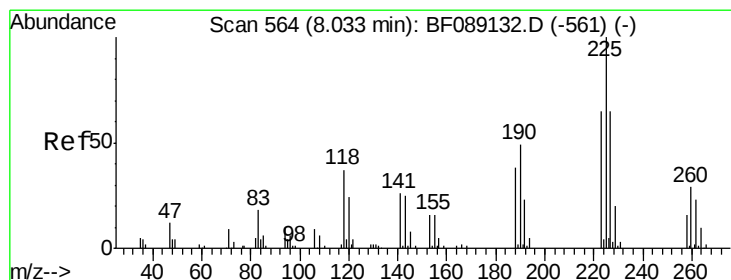
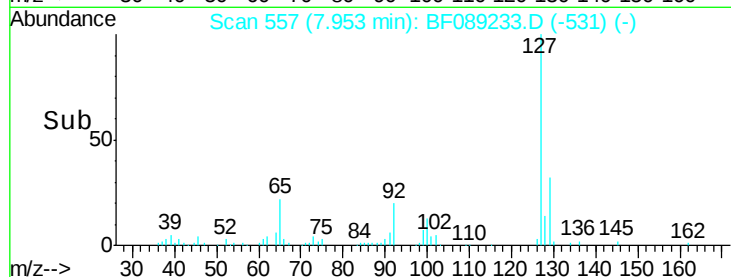
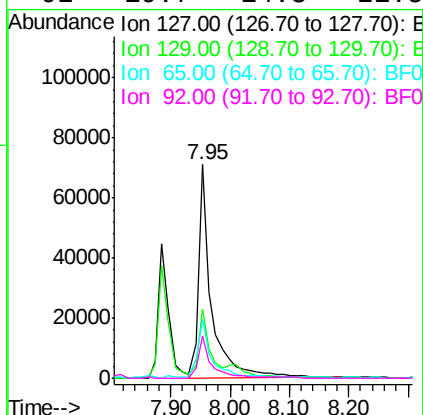
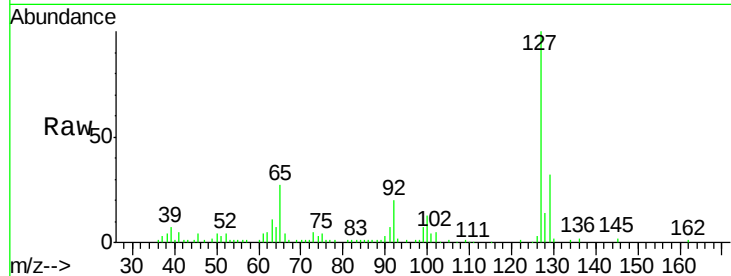
#33
4-Chloroaniline
Concen: 24.44 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	27.3	19.7	29.5
92	19.7	14.3	21.5

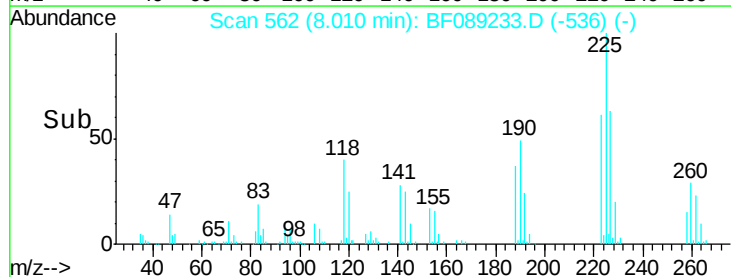
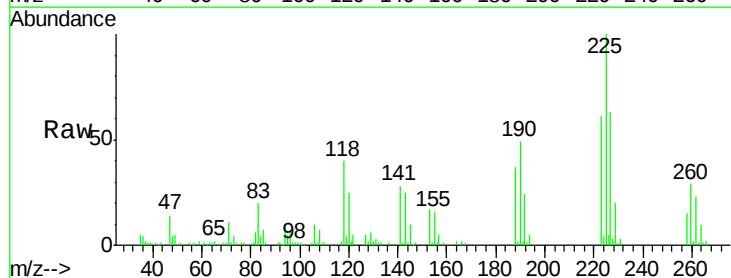
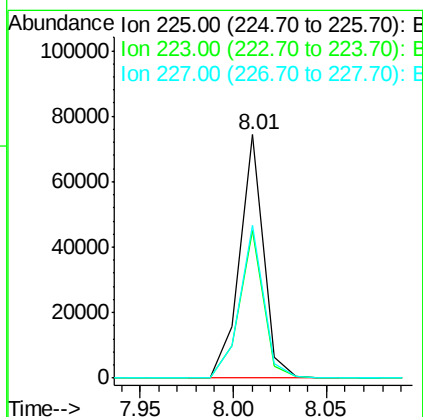
Manual Integrations

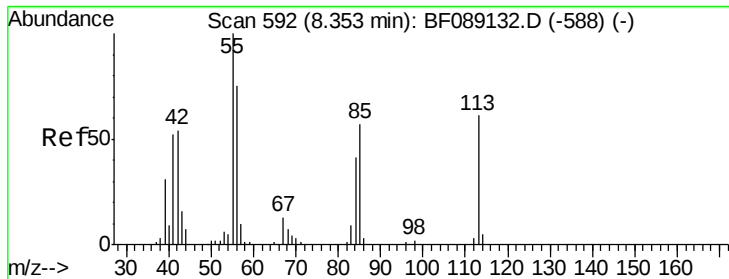
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#34
Hexachlorobutadiene
Concen: 39.39 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	51.6	77.4
227	62.6	51.6	77.4





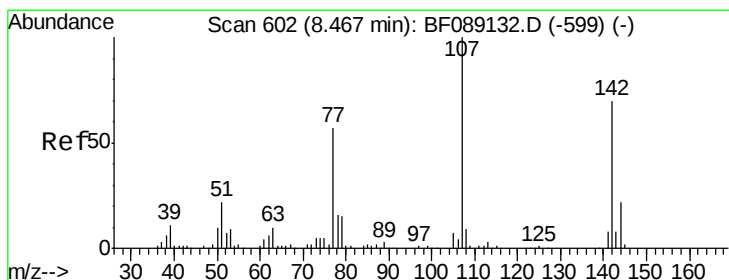
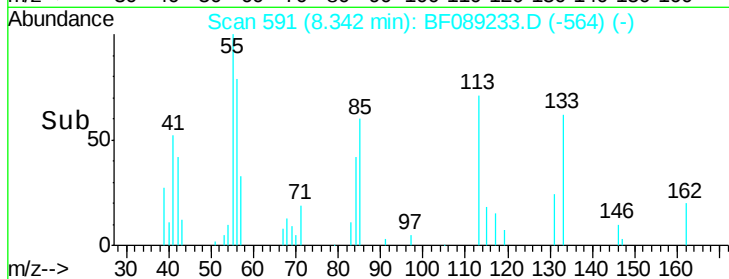
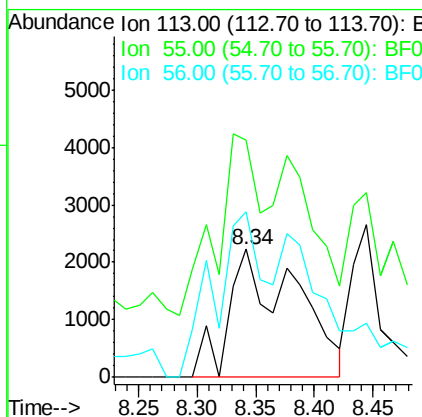
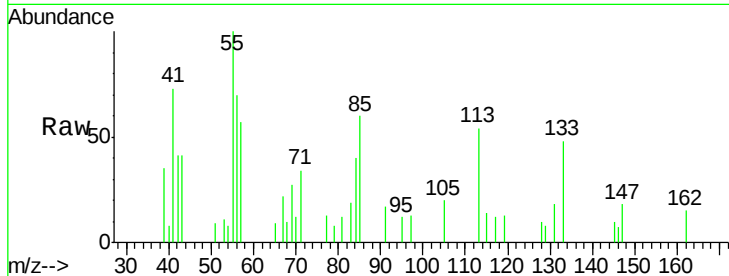
#35
Caprolactam
Concen: 10.49 ng m
RT: 8.34 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion:113 Resp: 8936
Ion Ratio Lower Upper
113 100
55 184.9 145.3 185.3
56 129.3 104.3 144.3

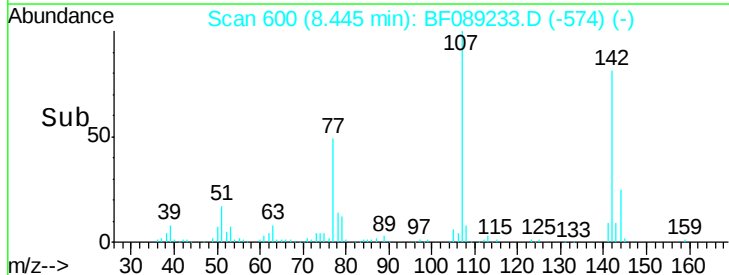
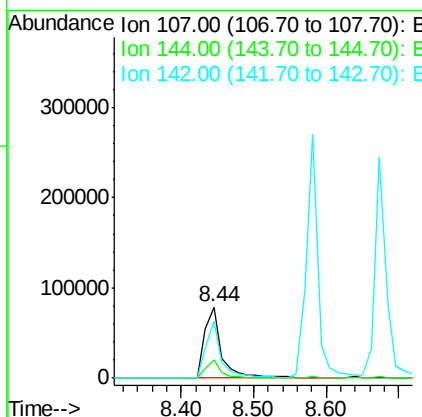
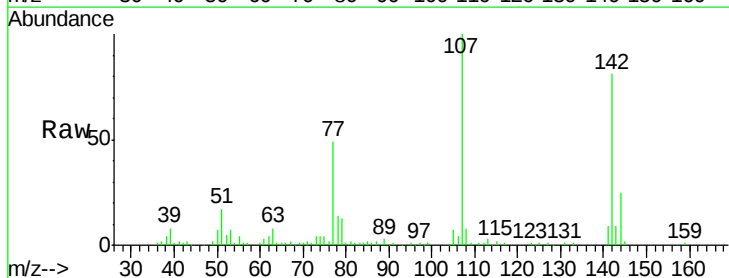
Manual Integrations

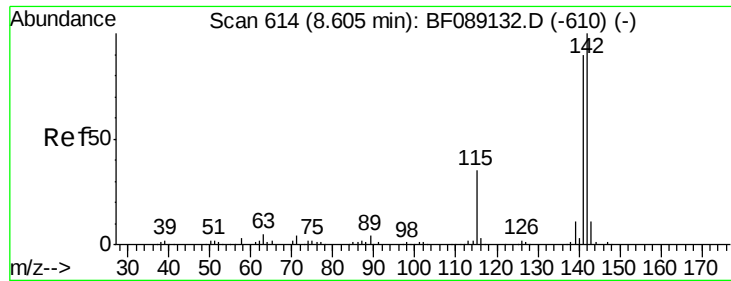
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#36
4-Chloro-3-methylphenol
Concen: 39.46 ng
RT: 8.44 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:107 Resp: 130380
Ion Ratio Lower Upper
107 100
144 25.3 17.8 26.6
142 80.7 56.1 84.1





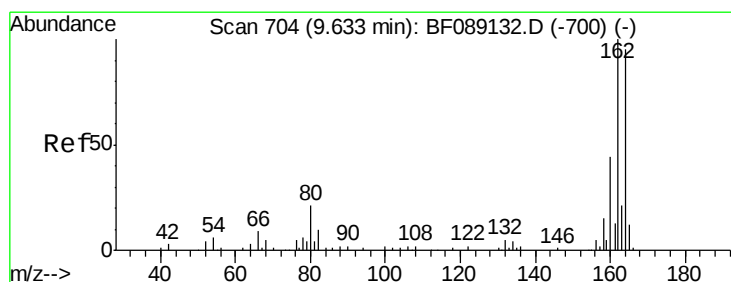
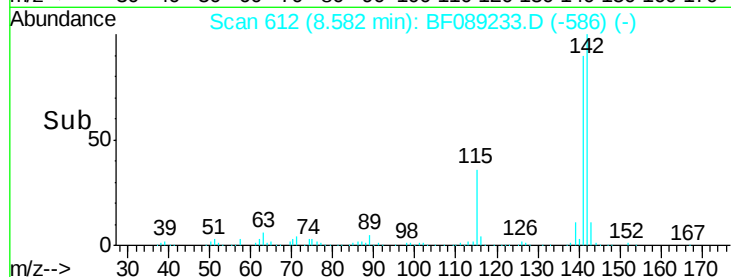
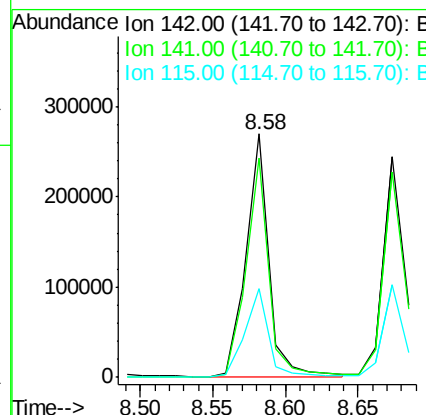
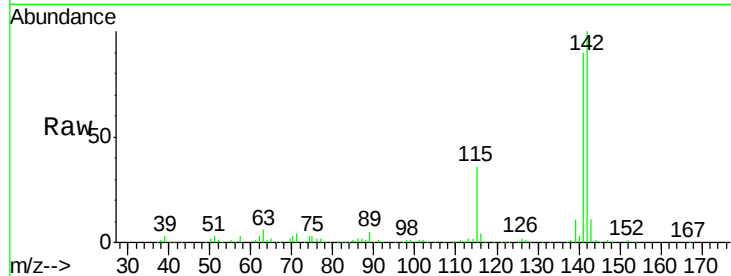
#37
2-Methylnaphthalene
Concen: 44.04 ng
RT: 8.58 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion:142 Resp: 295723
Ion Ratio Lower Upper
142 100
141 89.9 71.6 107.4
115 36.3 27.6 41.4

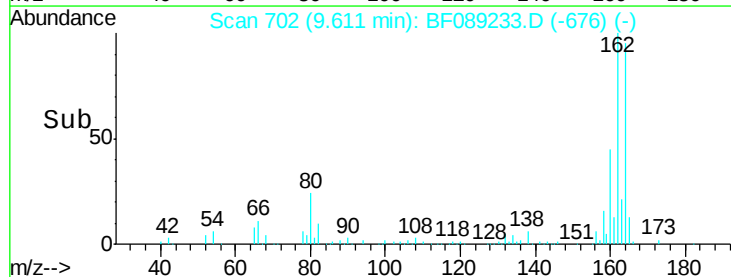
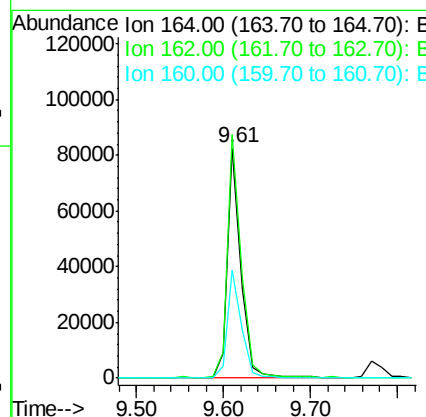
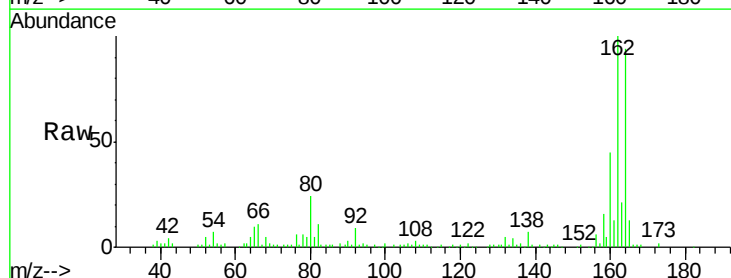
Manual Integrations

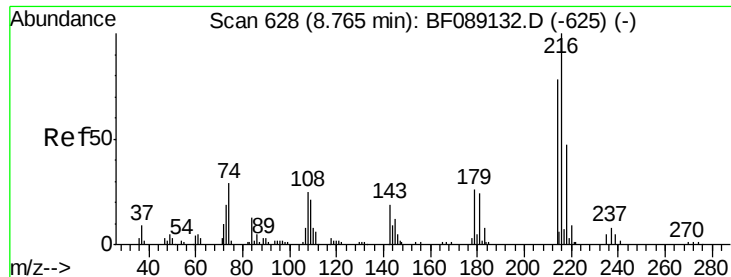
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:164 Resp: 90904
Ion Ratio Lower Upper
164 100
162 105.8 84.1 126.1
160 47.1 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.62 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

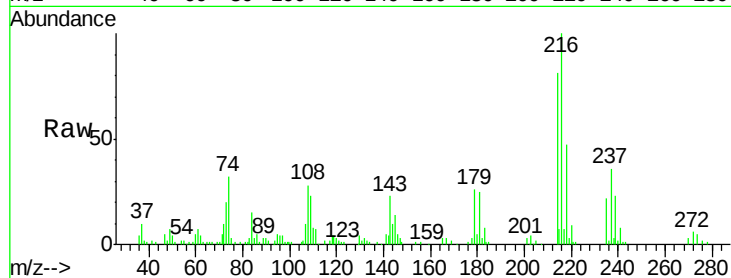
ClientSampleId :

GW-05-5.0-16.0MS

Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.9	92.9
179	23.0	18.4	27.6
108	23.0	17.0	25.6

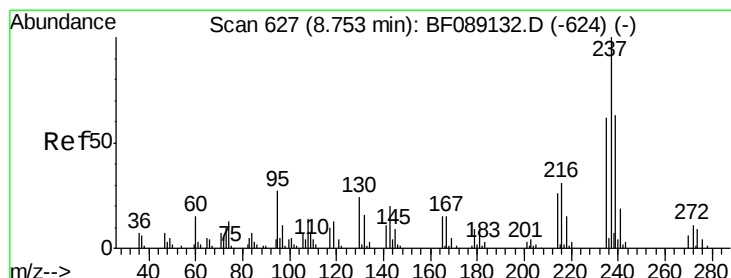
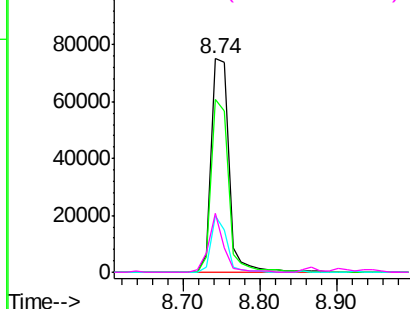
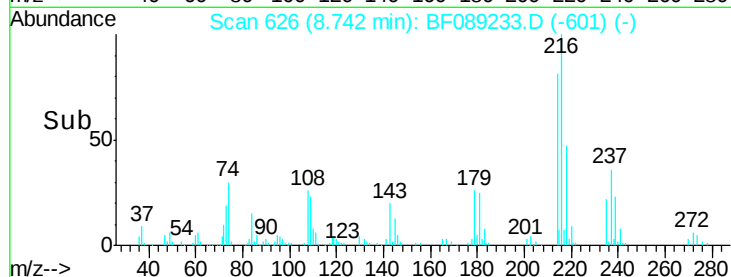
Abundance

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: 78.35 ng

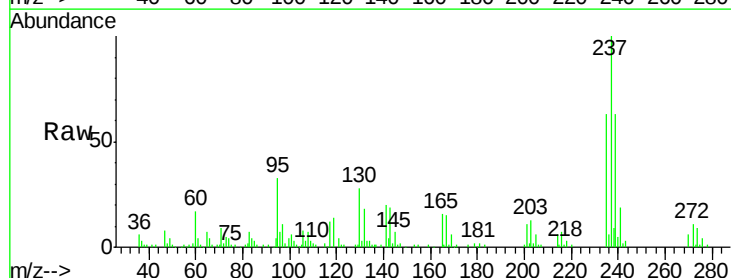
RT: 8.73 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.1	82.1
272	11.3	0.0	31.4

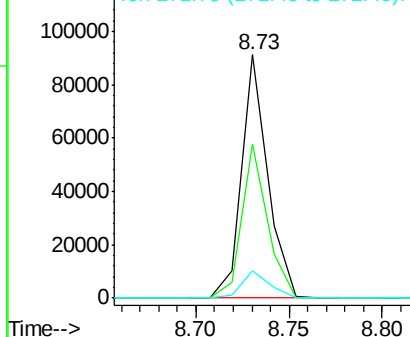
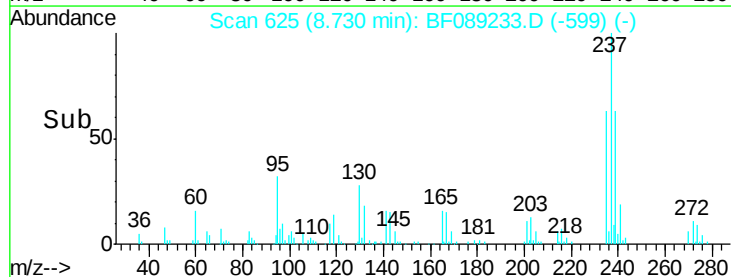


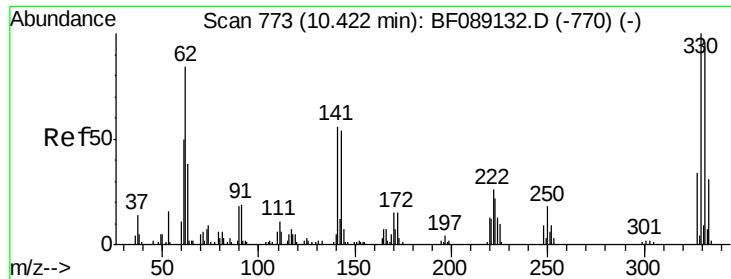
Abundance

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





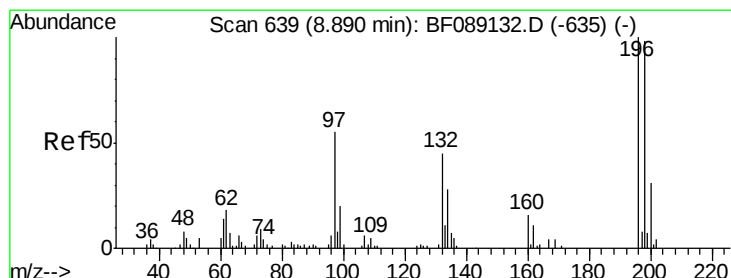
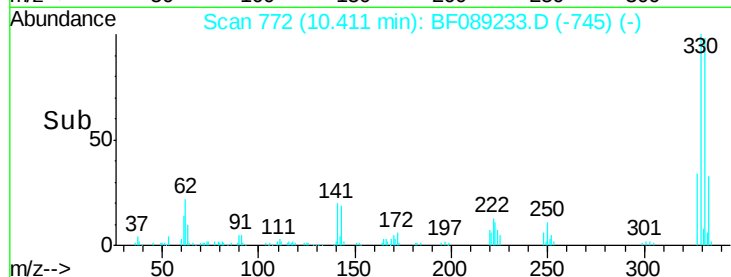
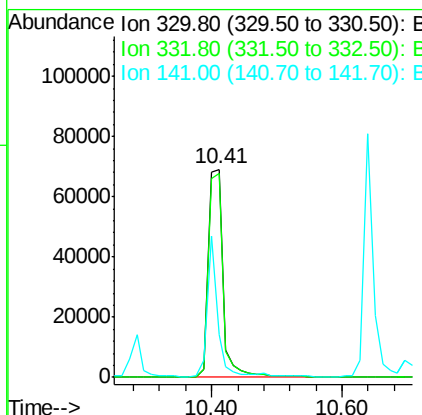
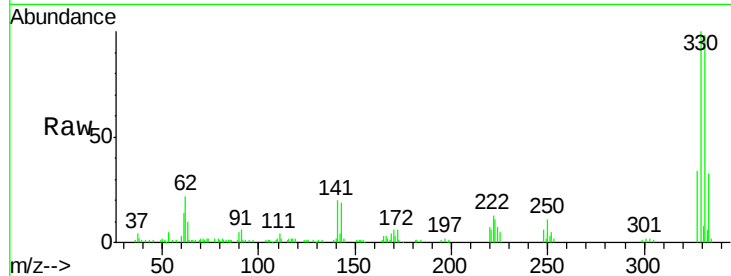
#41
 2,4,6-Tribromophenol
 Concen: 135.74 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	111098		
332	97.2	77.2	115.8	
141	46.4	42.2	63.2	

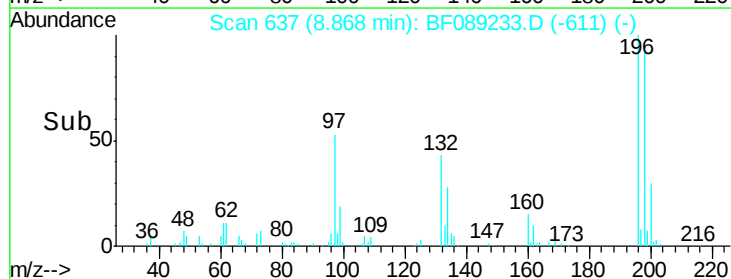
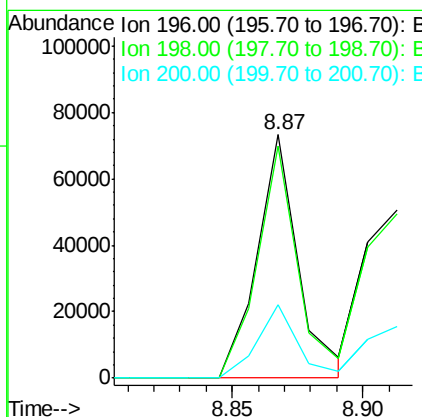
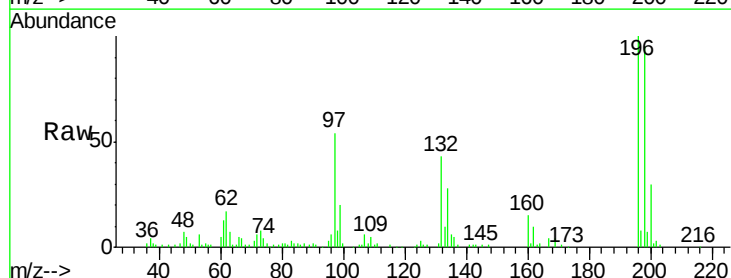
Manual Integrations

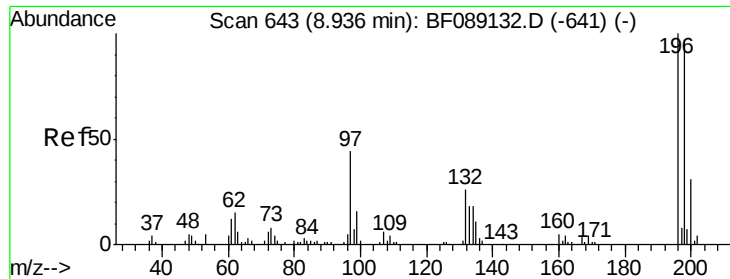
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#42
 2,4,6-Trichlorophenol
 Concen: 42.14 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

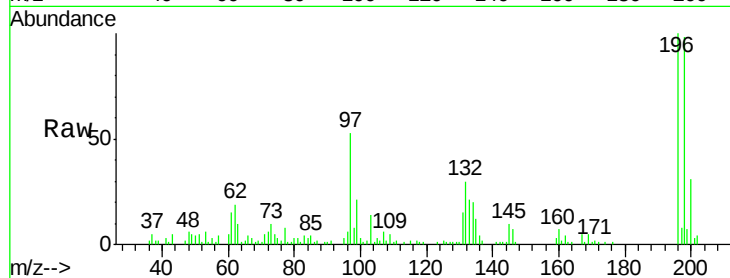
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79684		
198	95.4	78.3	117.5	
200	30.0	25.0	37.4	





#43
 2,4,5-Trichlorophenol
 Concen: 48.15 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

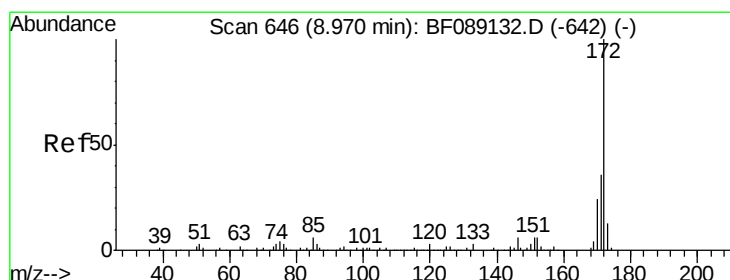
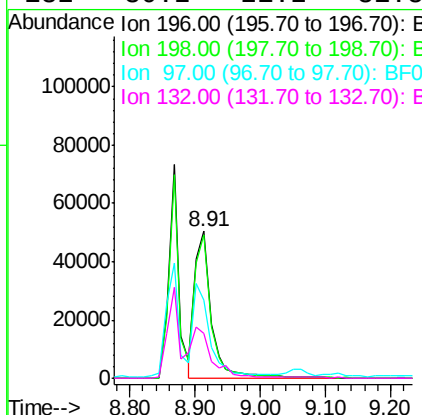
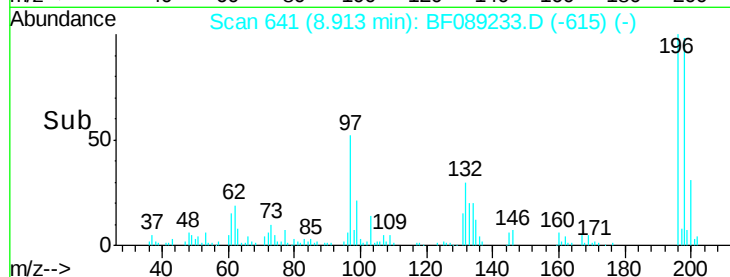
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS



Tgt Ion:196 Resp: 91403
 Ion Ratio Lower Upper
 196 100
 198 97.7 77.6 116.4
 97 53.2 36.5 54.7
 132 30.2 21.2 31.8

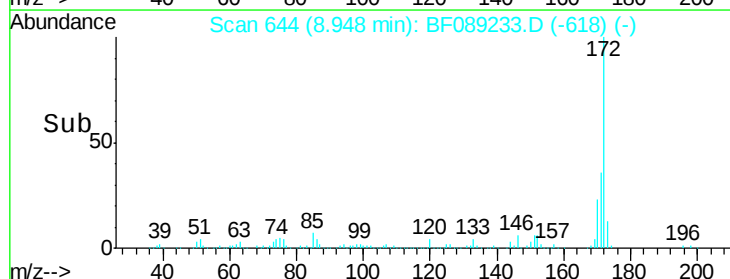
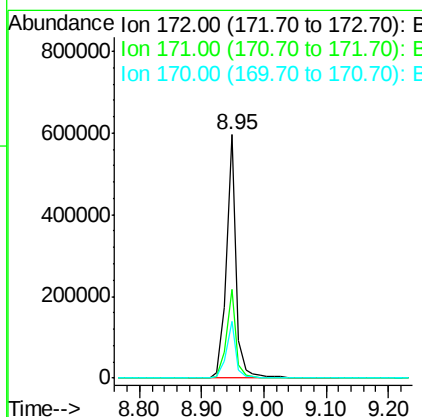
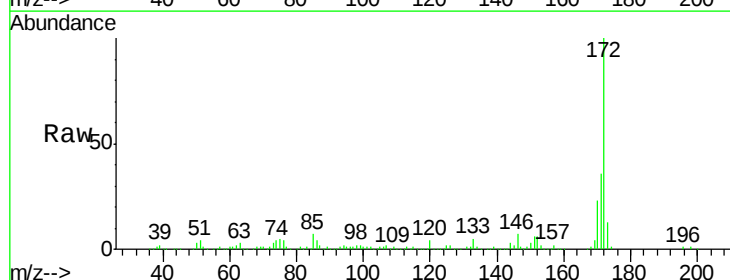
Manual Integrations

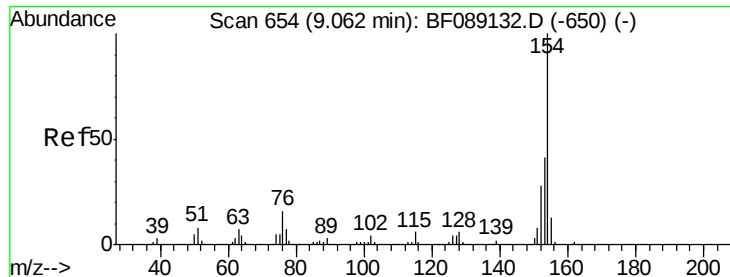
sohil
 7/25/2016 6:43:00 PM



#44
 2-Fluorobiphenyl
 Concen: 97.56 ng
 RT: 8.95 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:172 Resp: 643640
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.5 19.1 28.7





#45

1,1'-Biphenyl

Concen: 41.99 ng

RT: 9.05 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

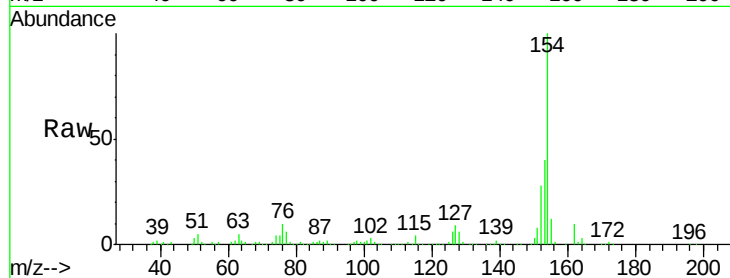
GW-05-5.0-16.0MS

Tgt Ion:	154	Resp:	343753
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.1	61.1
76	9.7	0.0	35.8

Manual Integrations

sohil

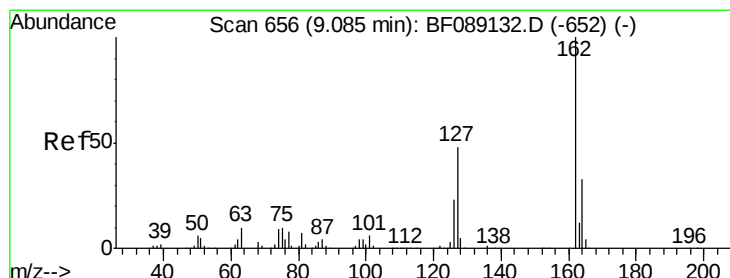
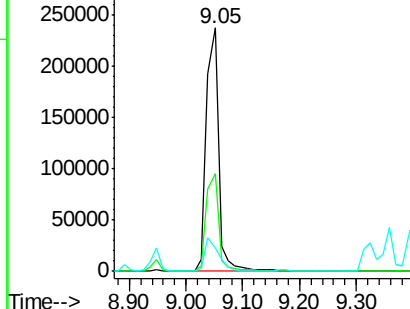
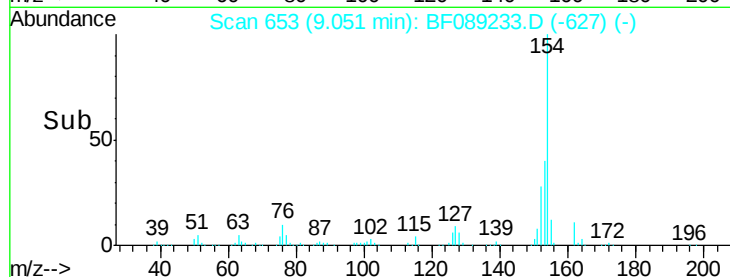
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.36 ng

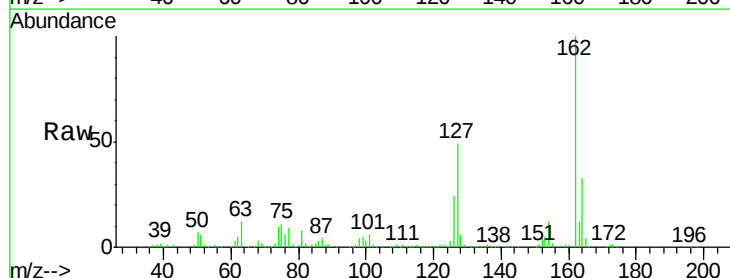
RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

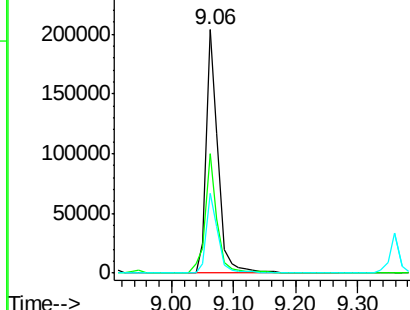
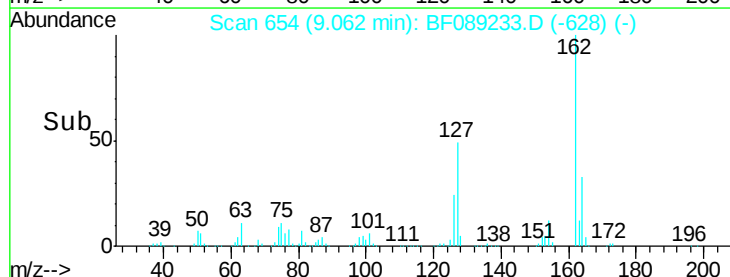
Tgt Ion:	162	Resp:	269712
Ion Ratio	Lower	Upper	
162	100		
127	49.2	38.1	57.1
164	32.9	26.1	39.1

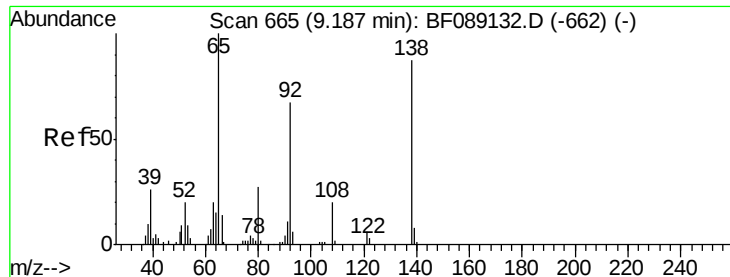


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





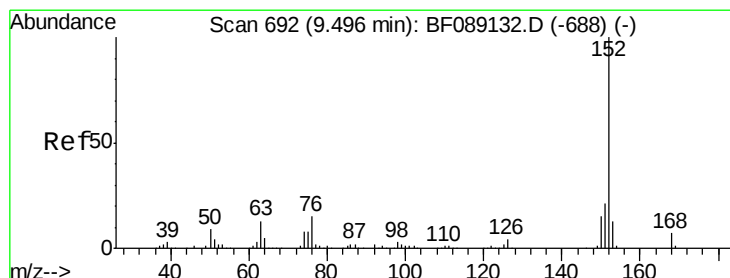
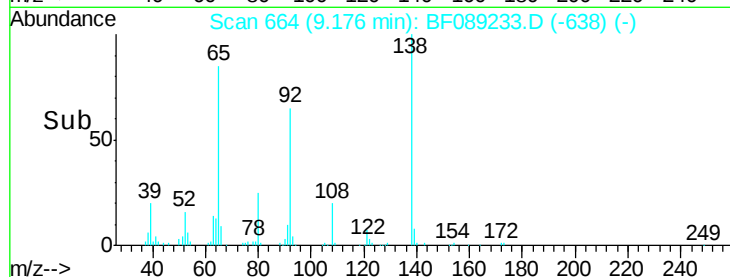
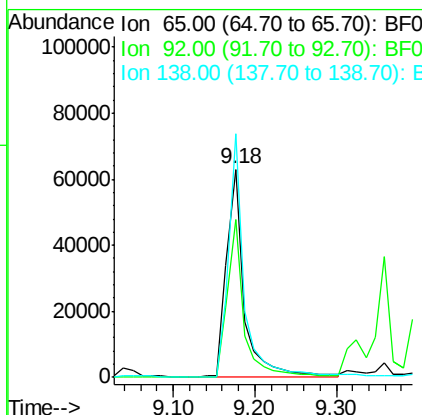
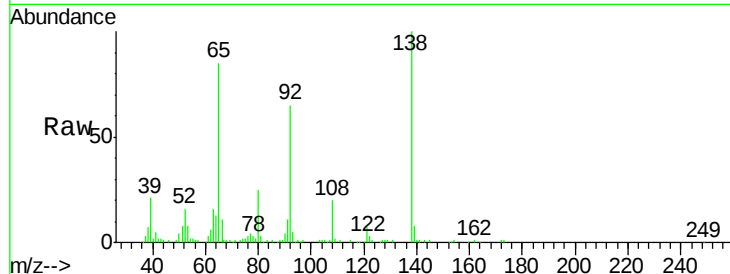
#47
2-Nitroaniline
Concen: 44.64 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion: 65 Resp: 95260
Ion Ratio Lower Upper
65 100
92 75.7 53.2 79.8
138 117.0 69.4 104.2#

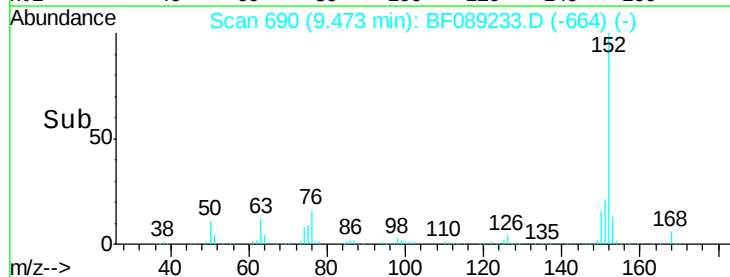
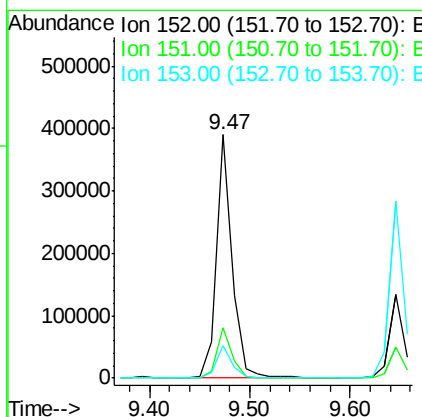
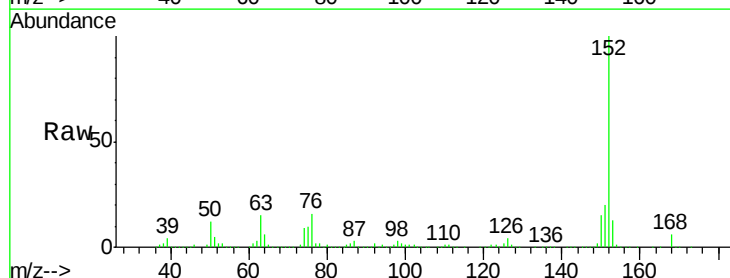
Manual Integrations

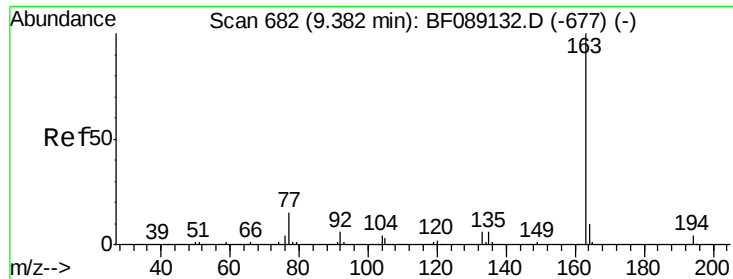
sohil
7/25/2016 6:43:00 PM



#48
Acenaphthylene
Concen: 43.54 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 152 Resp: 425881
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 13.3 10.7 16.1





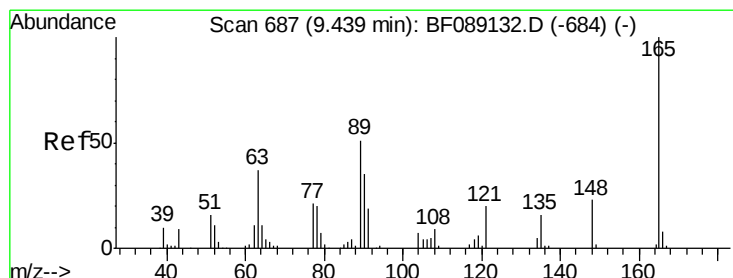
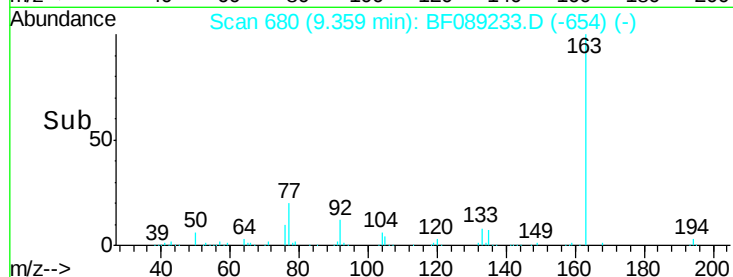
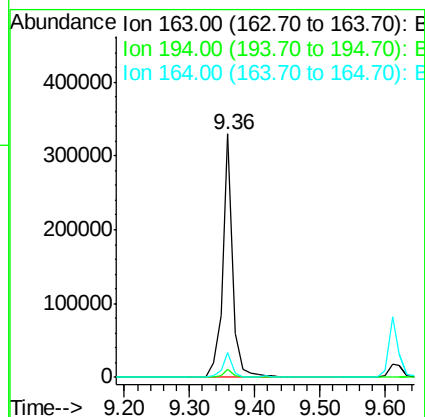
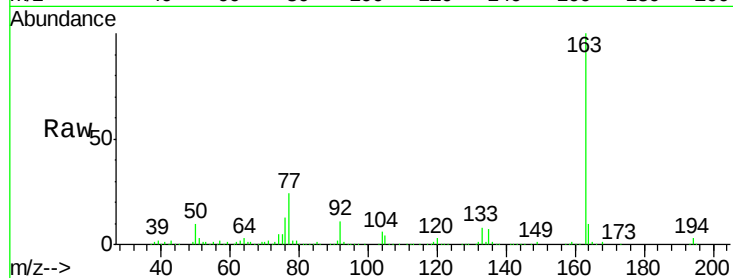
#49
Dimethylphthalate
Concen: 51.62 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion:163 Resp: 360077
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.2 7.6 11.4

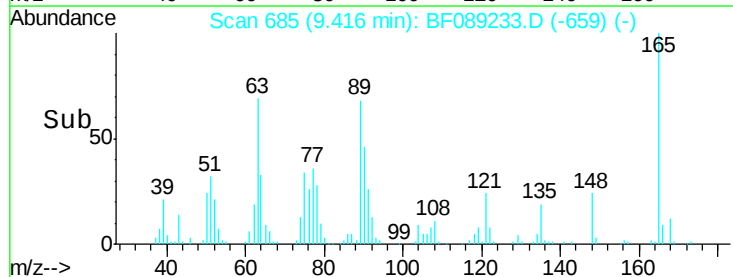
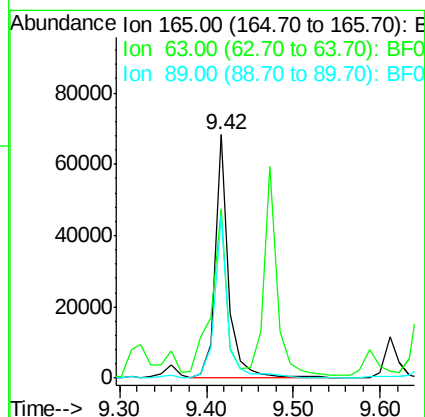
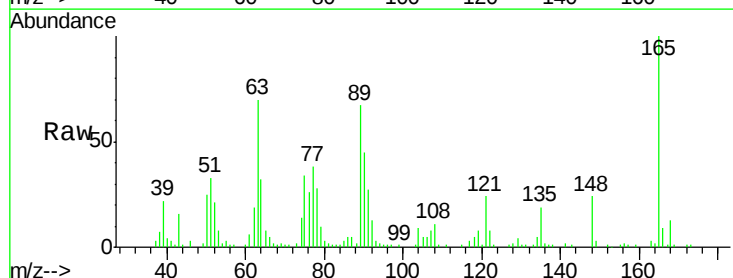
Manual Integrations

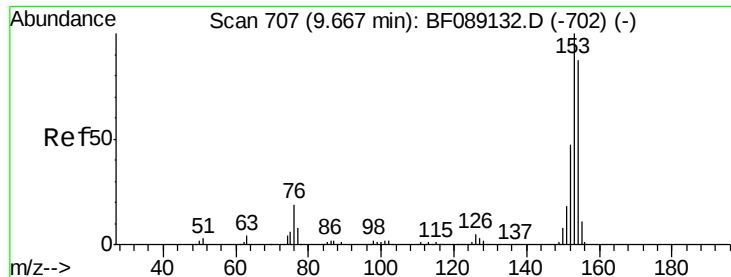
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7/25/2016 6:43:00 PM



#50
2,6-Dinitrotoluene
Concen: 47.17 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion:165 Resp: 74284
Ion Ratio Lower Upper
165 100
63 69.6 37.0 55.4#
89 67.1 40.9 61.3#





#51

Acenaphthene

Concen: 42.29 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

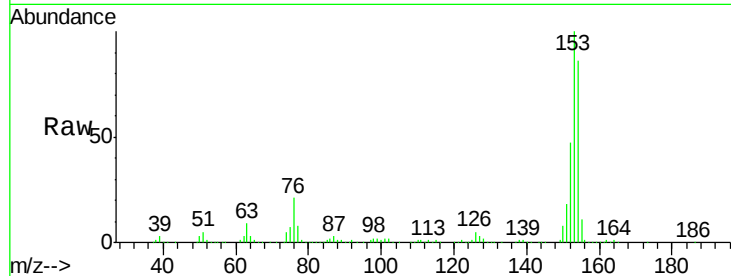
GW-05-5.0-16.0MS

Tgt Ion:	154	Resp:	244694
Ion Ratio	Lower	Upper	
154	100		
153	116.1	91.9	137.9
152	54.5	42.8	64.2

Manual Integrations

sohil

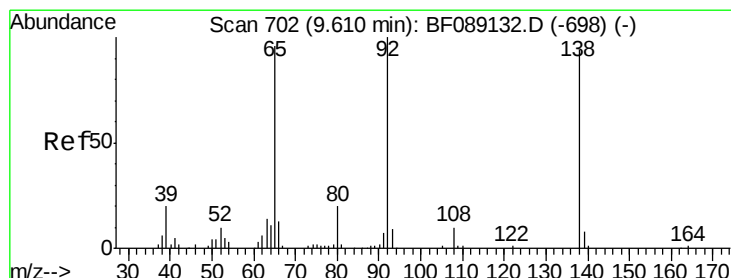
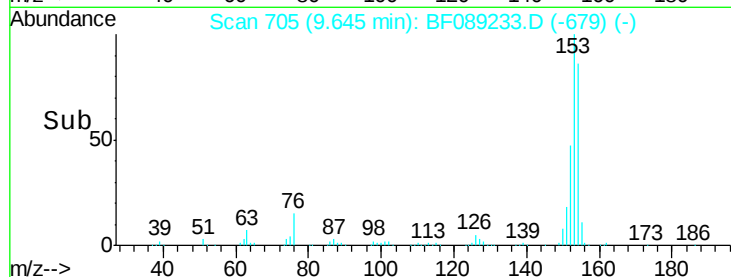
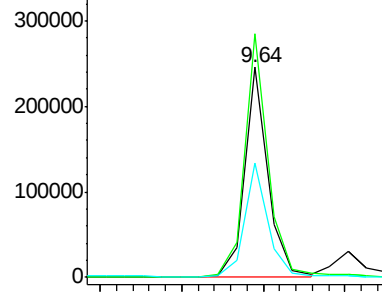
7/25/2016 6:43:00 PM



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: 27.52 ng

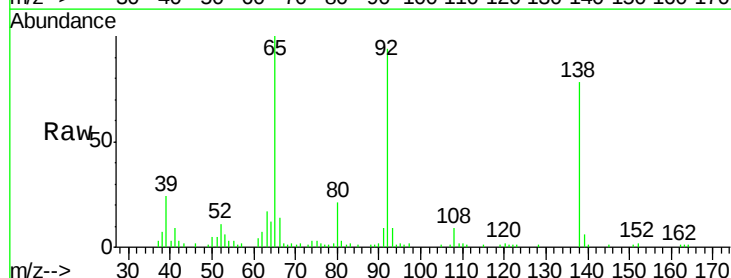
RT: 9.59 min Scan# 700

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

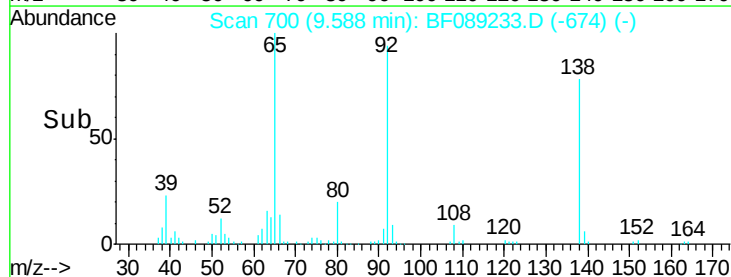
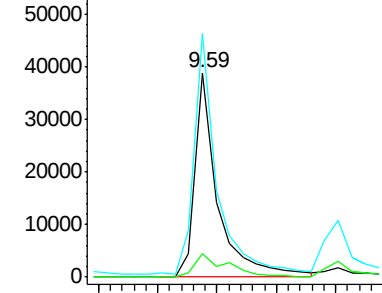
Tgt Ion:	138	Resp:	51475
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.8	13.2
92	119.2	85.3	127.9

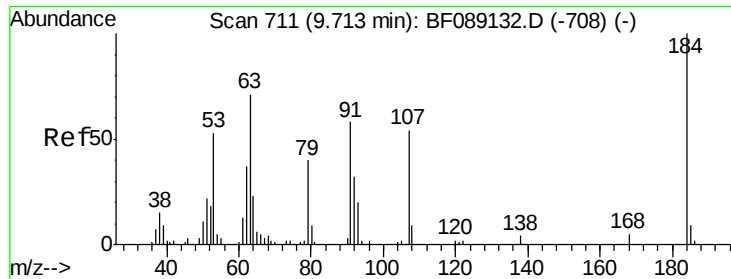


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

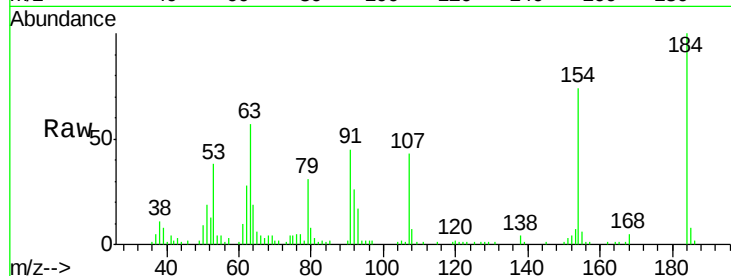
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 82.95 ng
 RT: 9.70 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

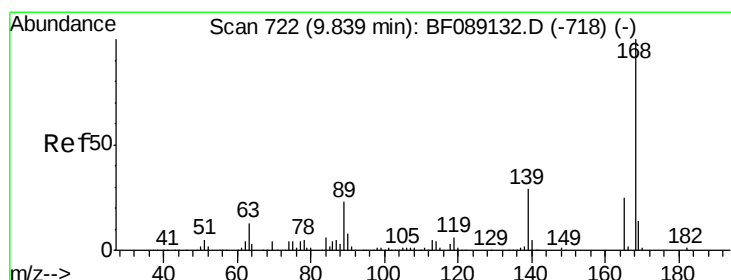
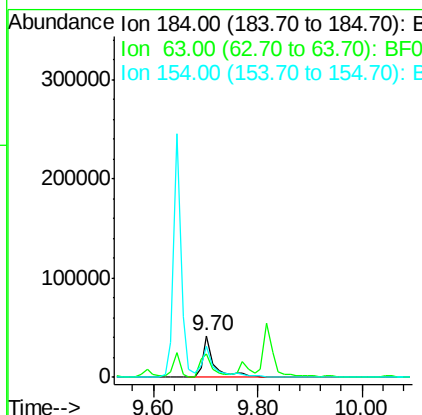
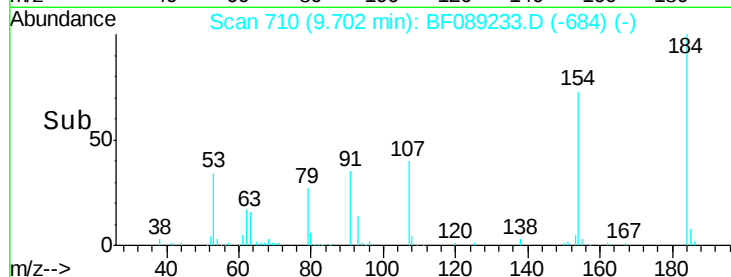
Instrument :
 BNA_F
 ClientSampleId :
 GW-05-5.0-16.0MS



Tgt Ion:184 Resp: 66908
 Ion Ratio Lower Upper
 184 100
 63 56.6 60.3 90.5#
 154 73.9 60.7 91.1

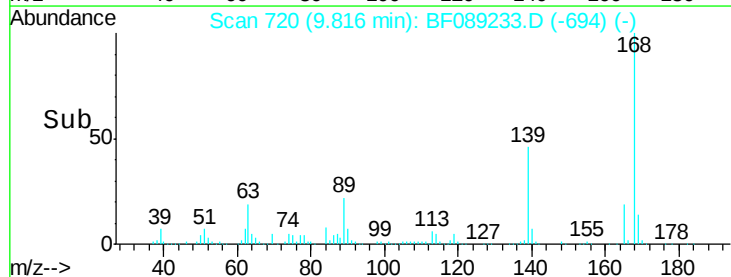
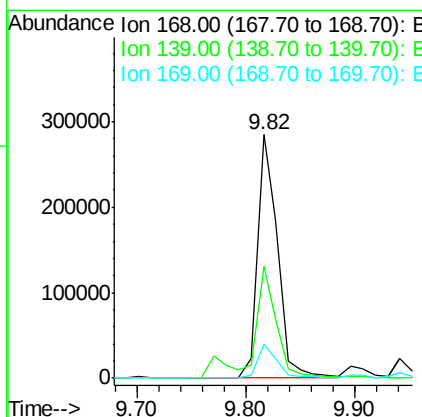
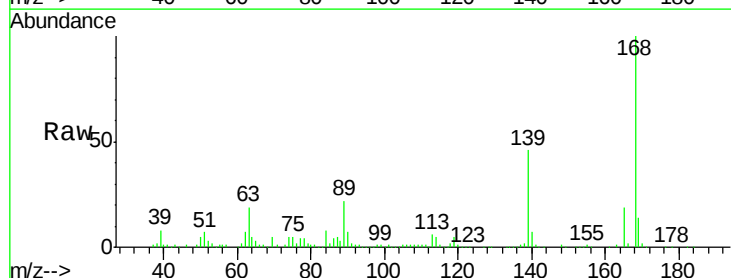
Manual Integrations

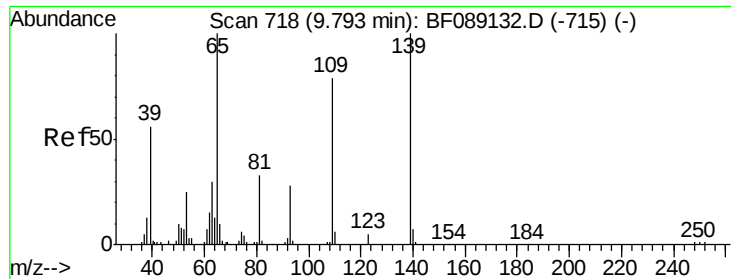
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#54
 Dibenzofuran
 Concen: 46.95 ng
 RT: 9.82 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:168 Resp: 367022
 Ion Ratio Lower Upper
 168 100
 139 45.9 34.4 51.6
 169 13.8 10.8 16.2





#55

4-Nitrophenol

Concen: 40.67 ng m

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089233.D

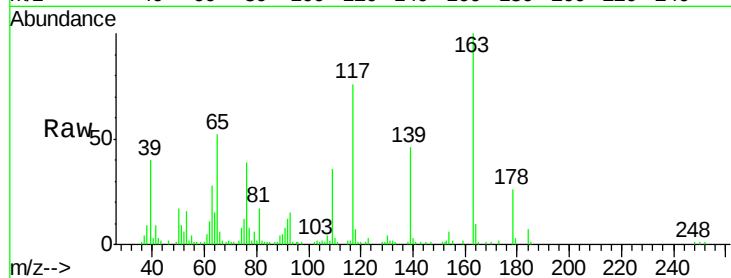
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

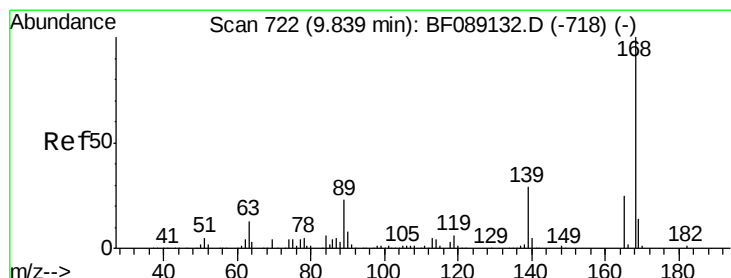
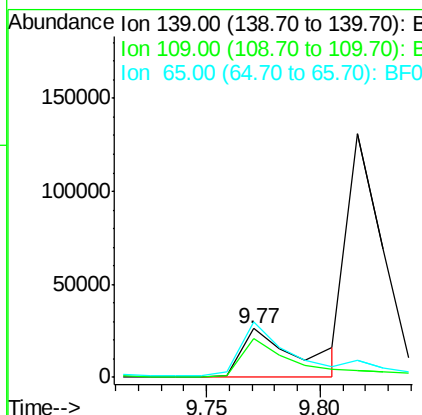
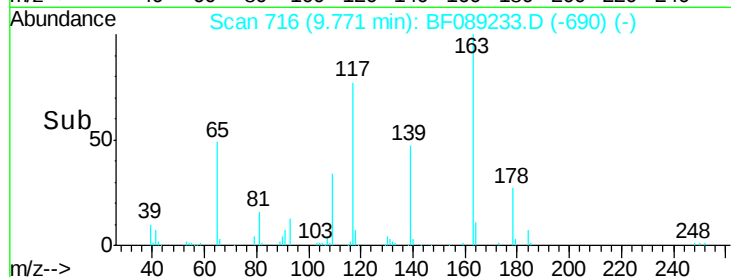


Tgt Ion:	139	Resp:	46024
Ion Ratio	Lower	Upper	
139	100		
109	78.6	58.7	98.7
65	113.1	80.2	120.2

Manual Integrations

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#56

2,4-Dinitrotoluene

Concen: 47.04 ng

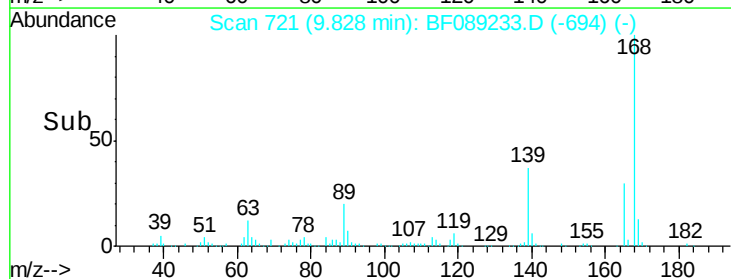
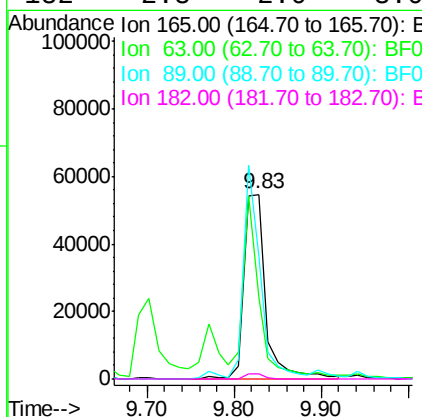
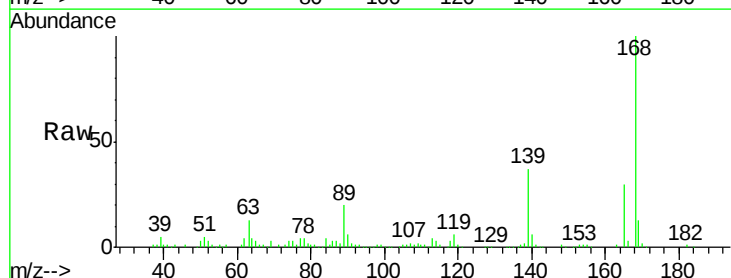
RT: 9.83 min Scan# 721

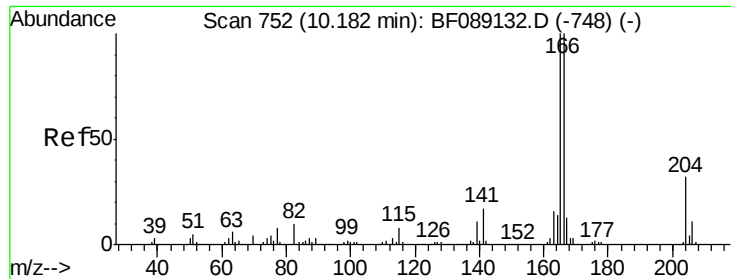
Delta R.T. 0.01 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:	165	Resp:	95419
Ion Ratio	Lower	Upper	
165	100		
63	44.5	55.4	83.2#
89	66.5	74.3	111.5#
182	2.8	2.0	3.0





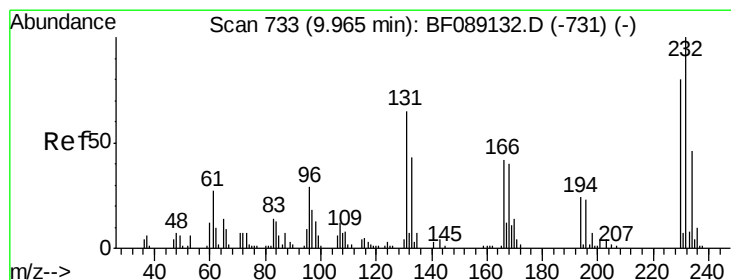
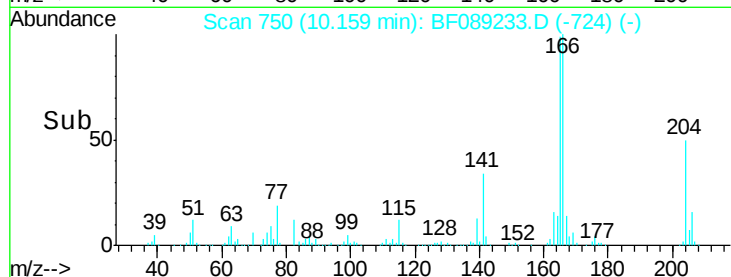
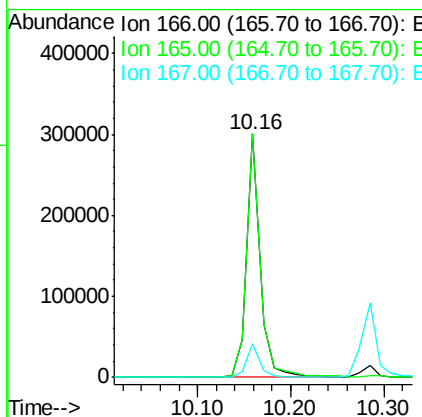
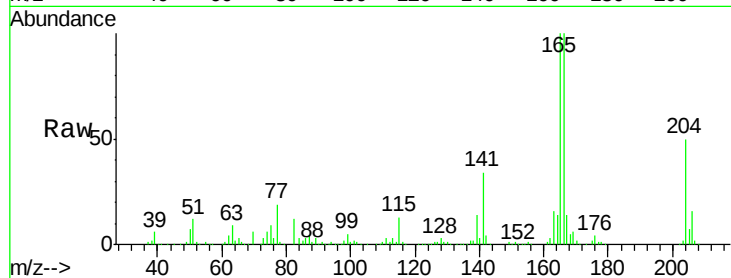
#57
Fluorene
 Concen: 45.91 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	304680		
165	100.0	79.9	119.9	
167	13.8	10.7	16.1	

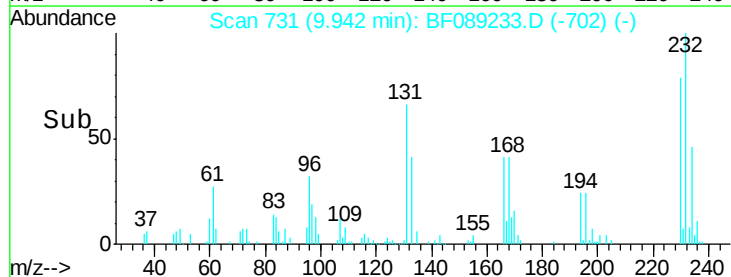
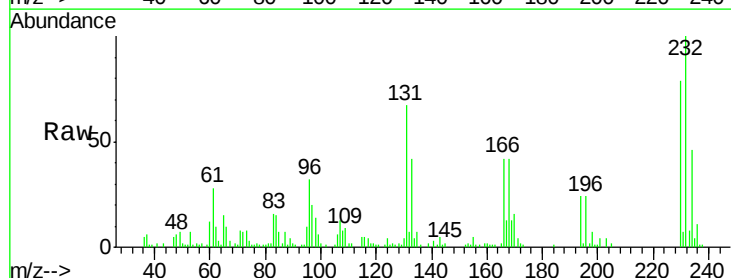
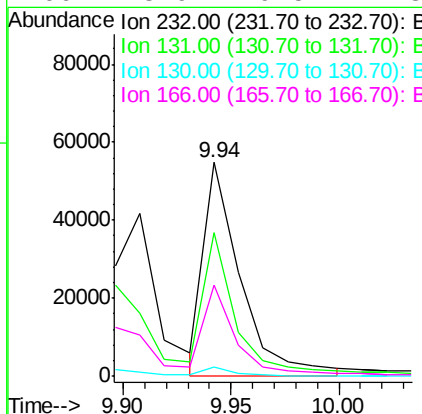
Manual Integrations

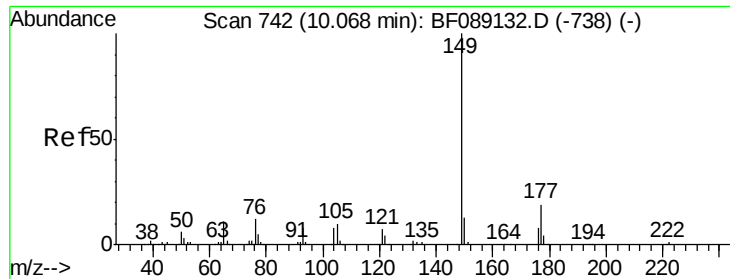
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 7/25/2016 6:43:00 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.69 ng m
 RT: 9.94 min Scan# 731
 Delta R.T. 0.03 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	66383		
131	49.6	46.2	69.2	
130	2.9	2.3	3.5	
166	28.9	29.5	44.3#	





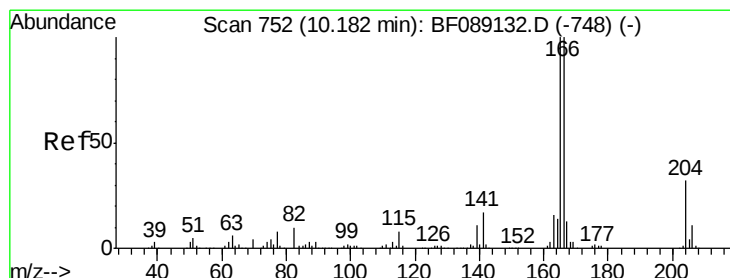
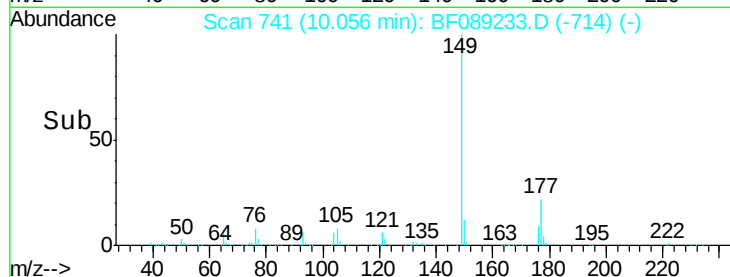
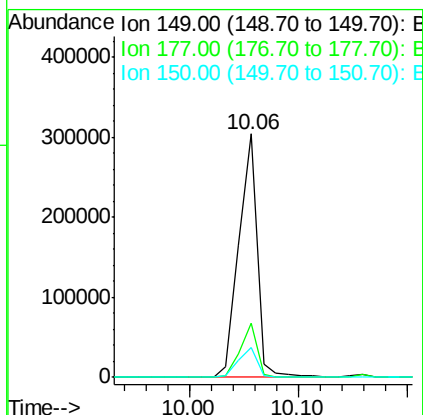
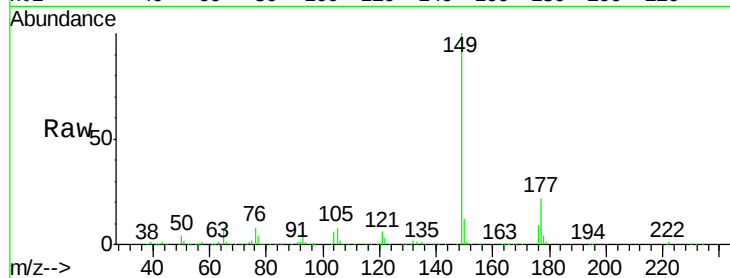
#59
Diethylphthalate
Concen: 51.00 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	15.6	23.4
150	12.2	10.1	15.1

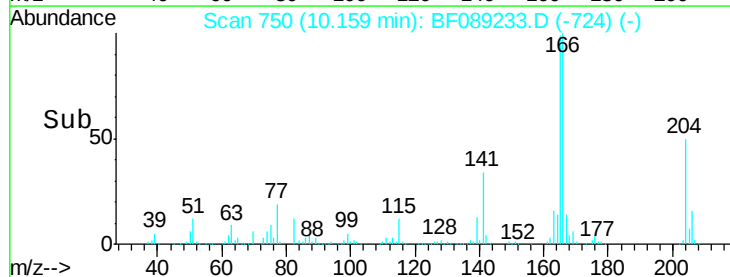
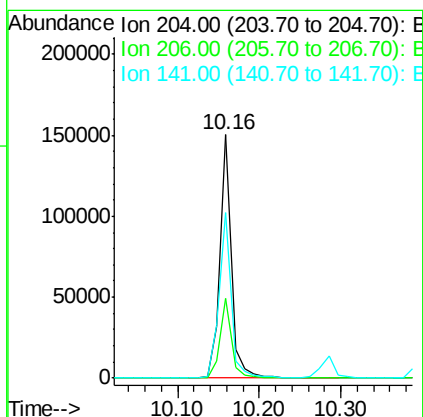
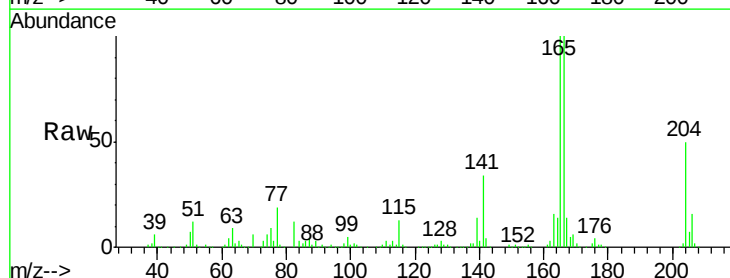
Manual Integrations

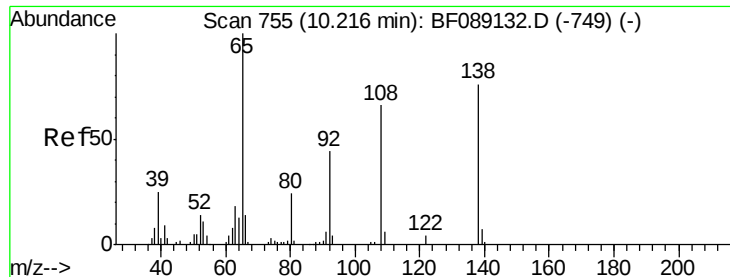
sohil
7/25/2016 6:43:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.23 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.4
141	68.0	42.2	63.4#





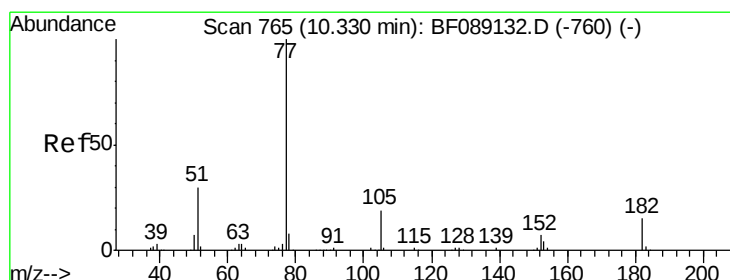
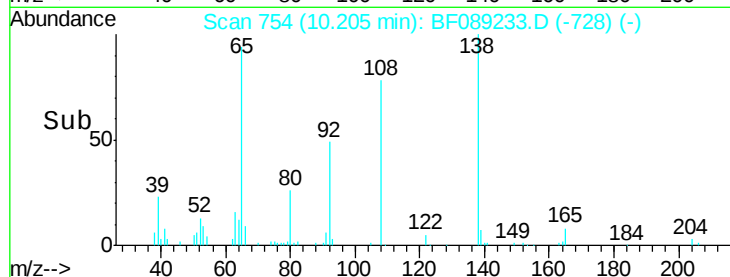
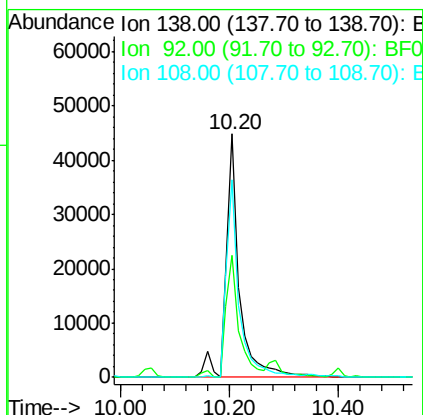
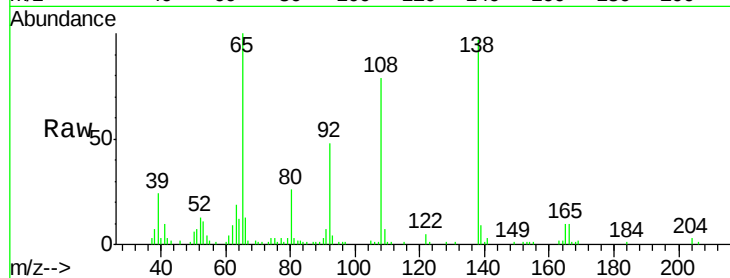
#61
4-Nitroaniline
Concen: 41.85 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion: 138 Resp: 76161
Ion Ratio Lower Upper
138 100
92 49.9 37.2 77.2
108 81.4 66.1 106.1

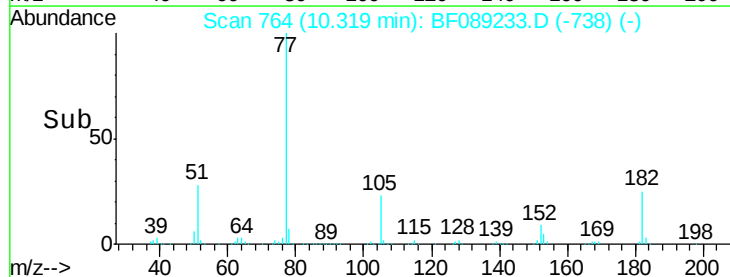
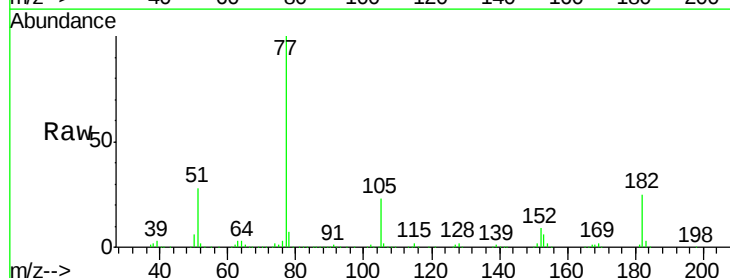
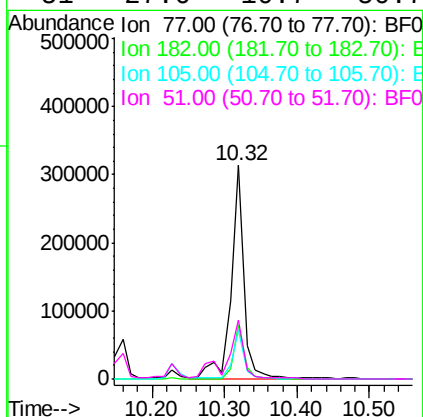
Manual Integrations

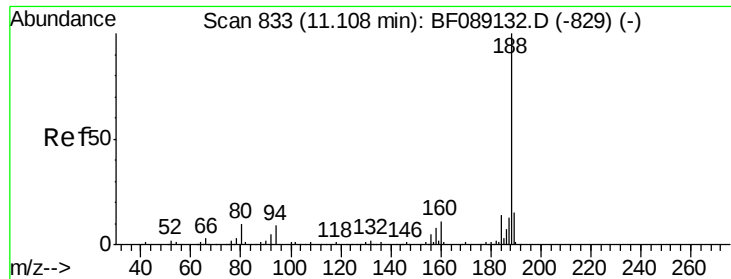
sohil
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#62
Azobenzene
Concen: 50.86 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion: 77 Resp: 382348
Ion Ratio Lower Upper
77 100
182 25.3 0.0 35.0
105 22.8 0.0 39.4
51 27.6 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: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

Tgt Ion:188 Resp: 176864

Ion Ratio Lower Upper

188 100

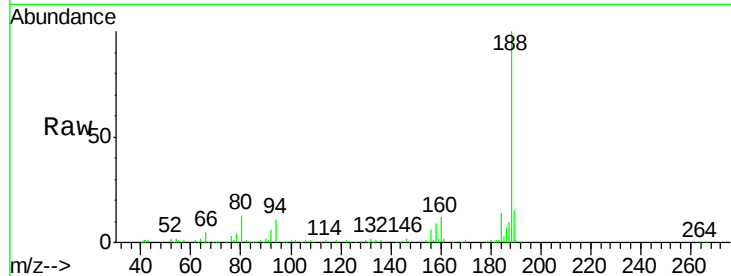
94 10.8 7.0 10.4#

80 12.7 7.7 11.5#

Manual Integrations

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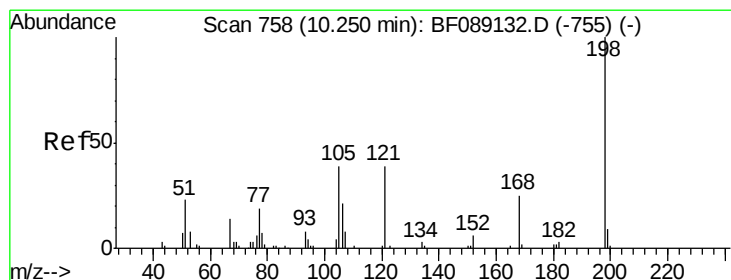
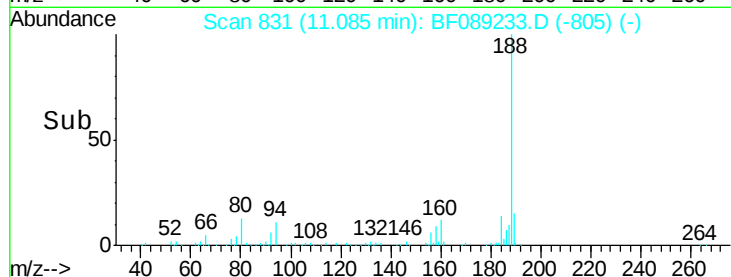
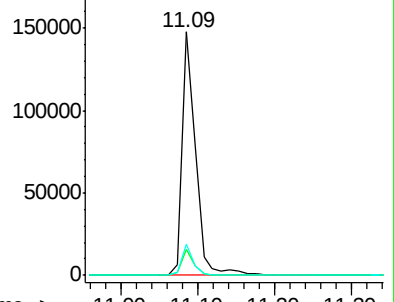
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 46.09 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

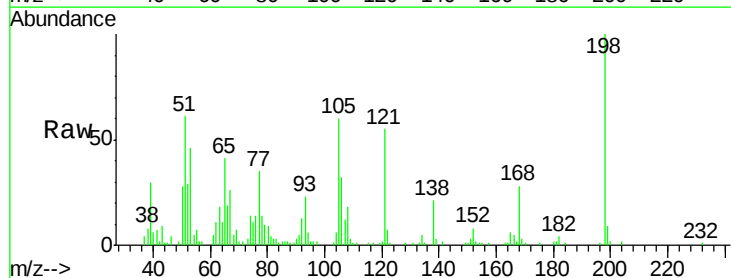
Tgt Ion:198 Resp: 47455

Ion Ratio Lower Upper

198 100

51 60.6 11.7 51.7#

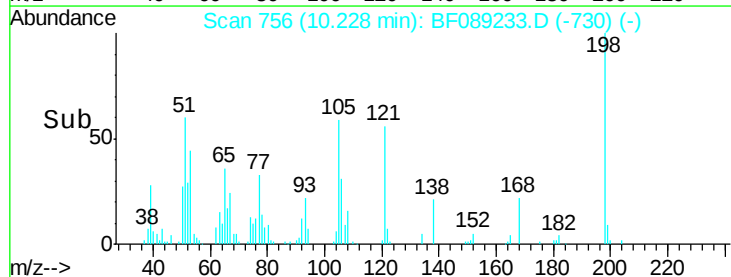
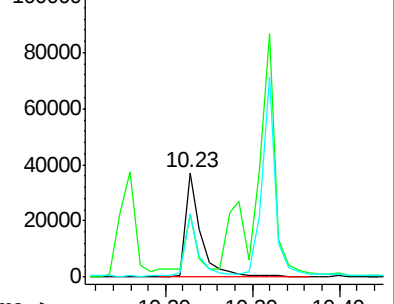
105 60.3 20.3 60.3

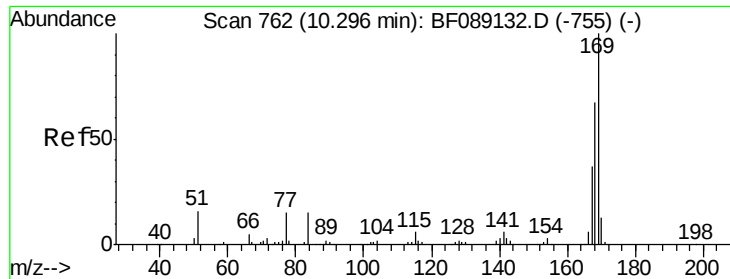


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.77 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089233.D

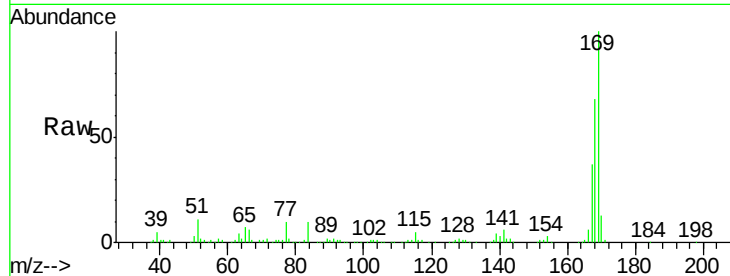
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS



Tgt Ion:169 Resp: 282375

Ion Ratio Lower Upper

169 100

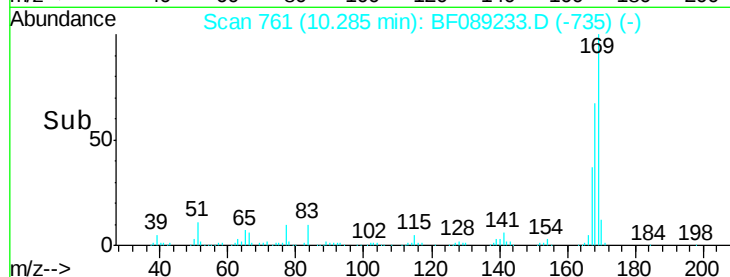
168 67.5 53.4 80.0

167 37.0 29.5 44.3

Manual Integrations

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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

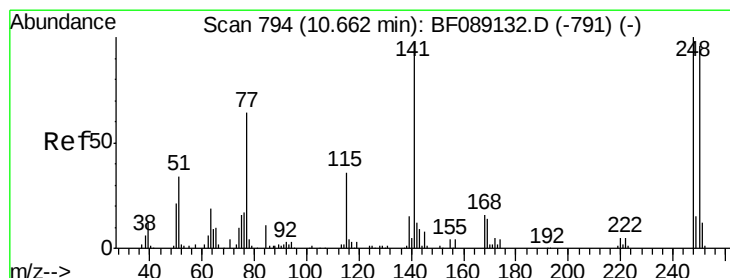
10.28

200000

100000

0

Time-->



#66

4-Bromophenyl-phenylether

Concen: 46.27 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

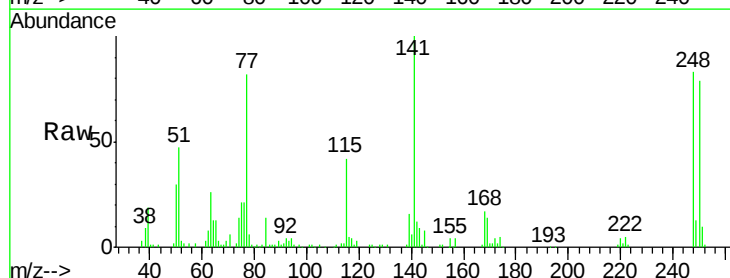
Tgt Ion:248 Resp: 80976

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

141 121.0 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

10.64

80000

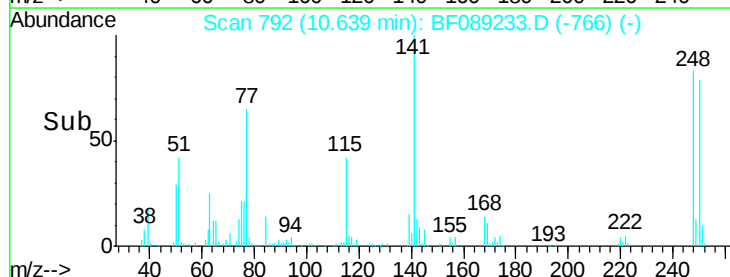
60000

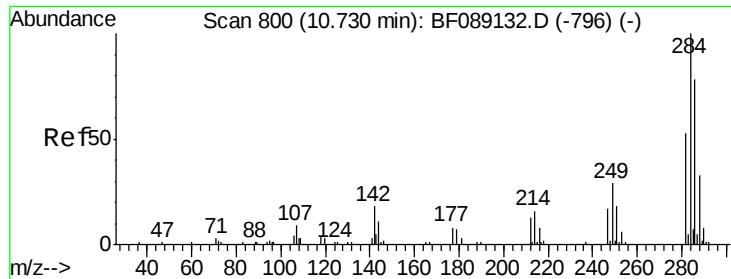
40000

20000

0

Time-->





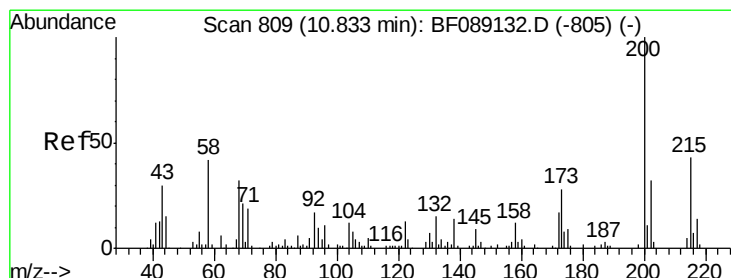
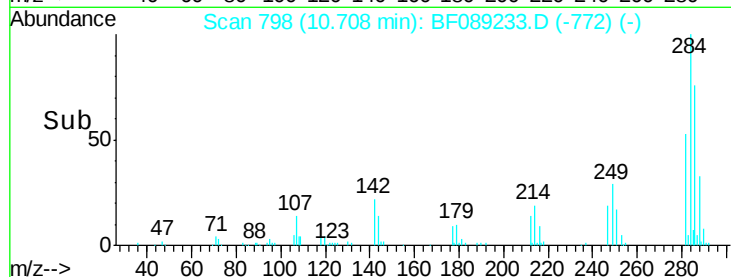
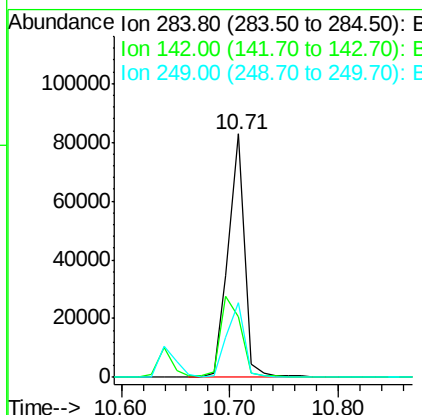
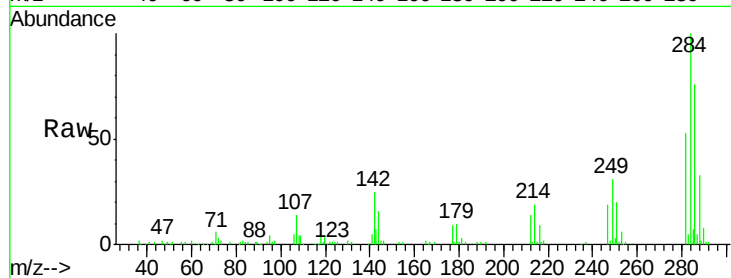
#67
Hexachlorobenzene
Concen: 46.17 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	14.1	21.1#
249	30.7	23.0	34.4

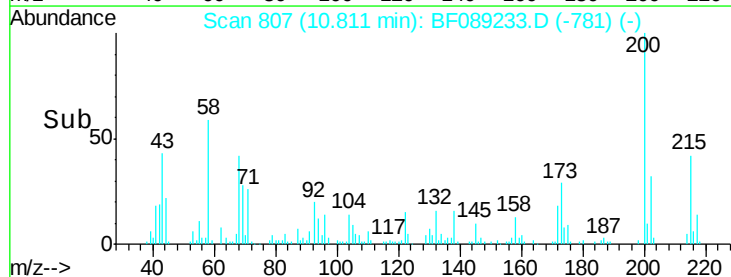
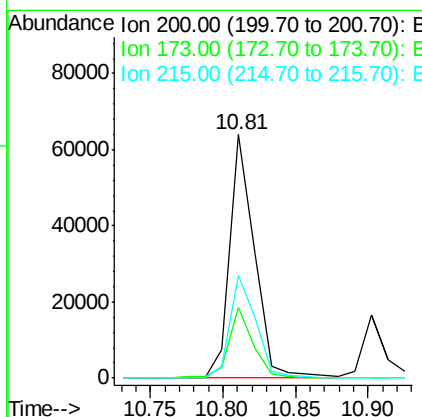
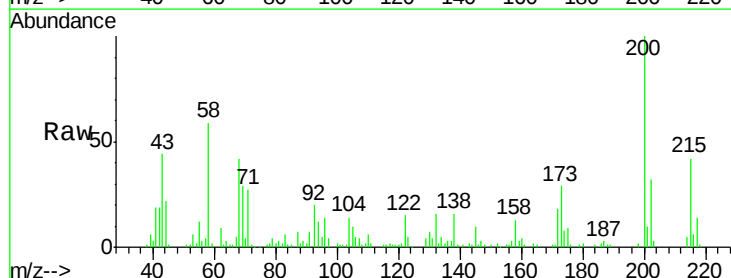
Manual Integrations

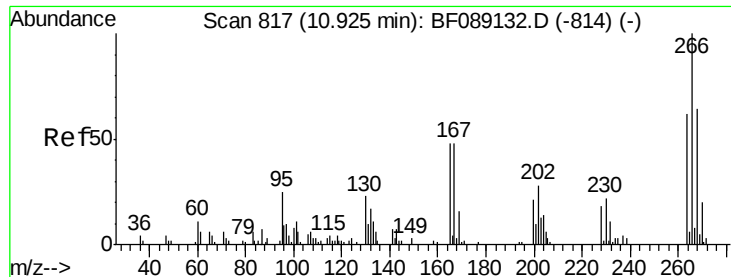
sohil
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#68
Atrazine
Concen: 41.33 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.2	7.8	47.8
215	42.3	22.9	62.9





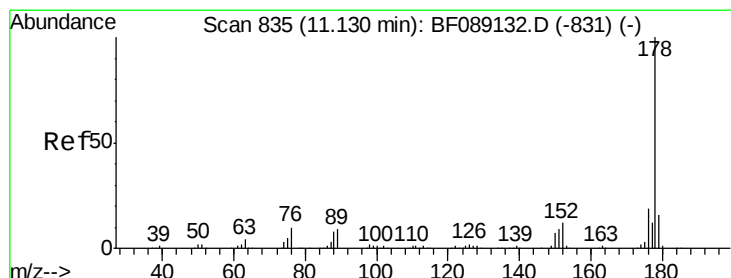
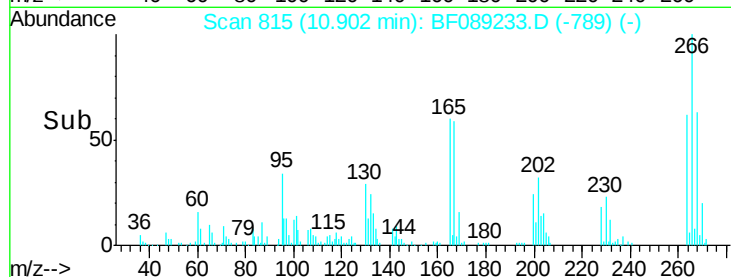
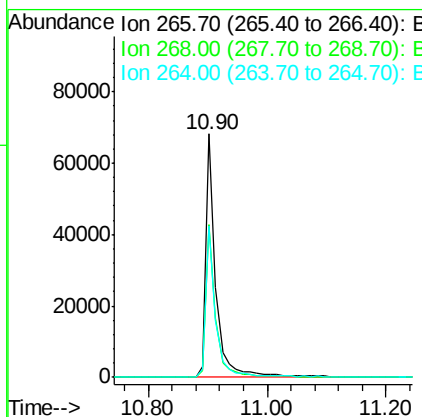
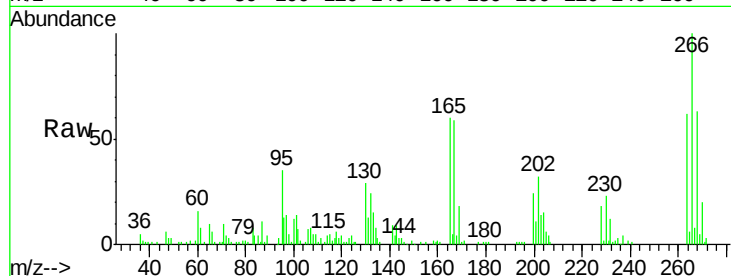
#69
 Pentachlorophenol
 Concen: 94.00 ng
 RT: 10.90 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.2	76.8
264	62.0	49.7	74.5

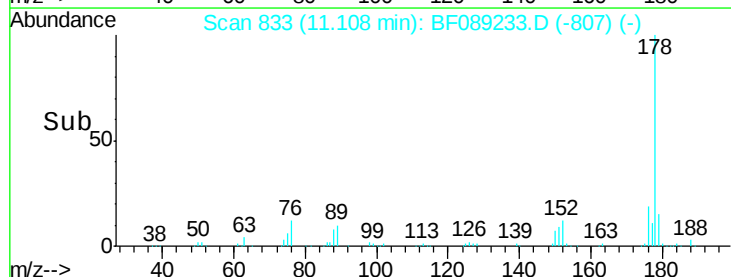
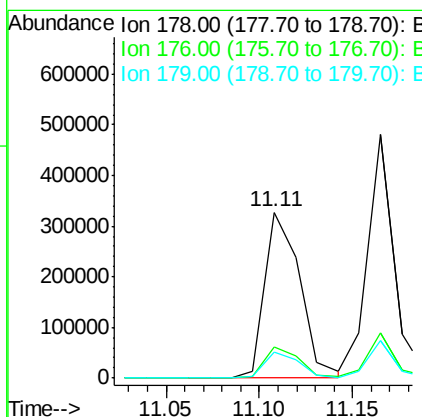
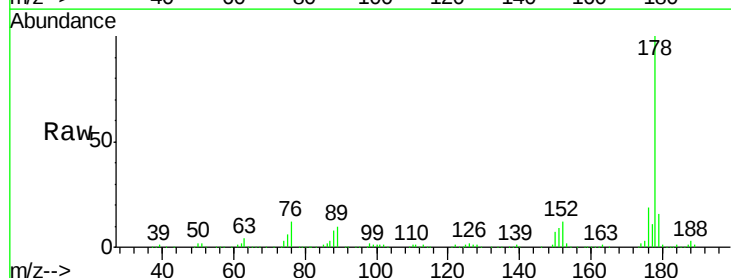
Manual Integrations

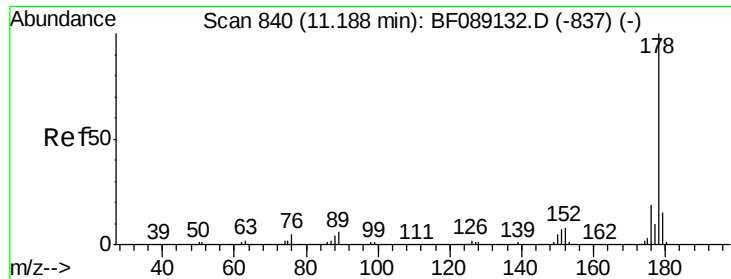
sohil
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#70
 Phenanthrene
 Concen: 44.12 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	15.5	12.4	18.6





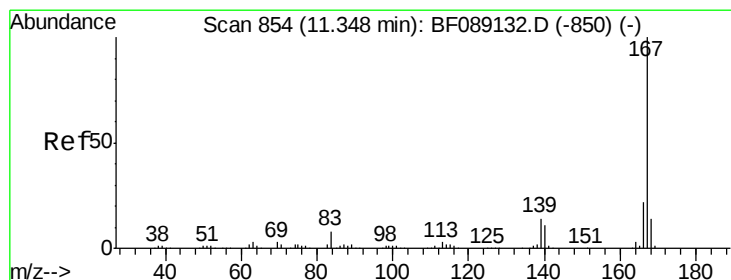
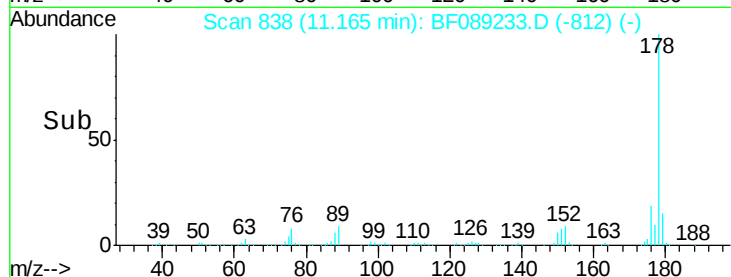
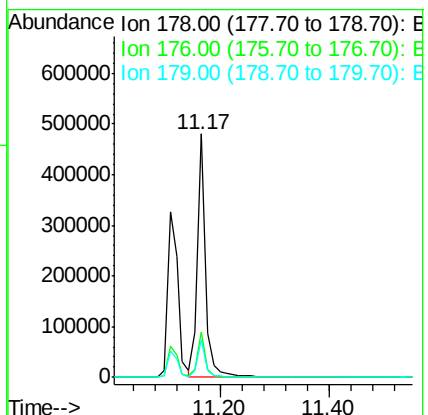
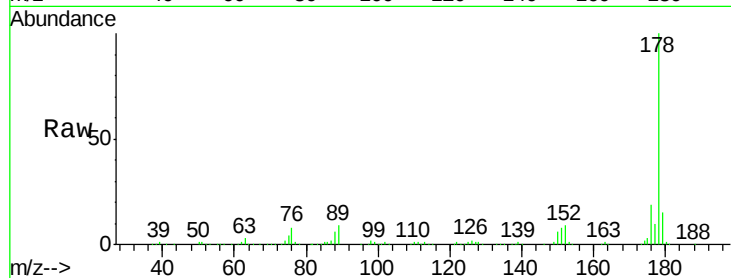
#71
 Anthracene
 Concen: 48.96 ng
 RT: 11.17 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

Tgt Ion:178 Resp: 493756
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.9 22.3
 179 15.5 12.0 18.0

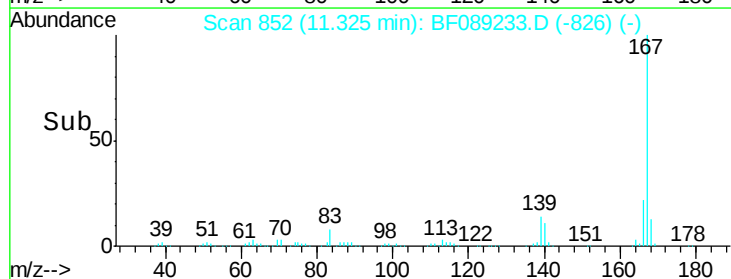
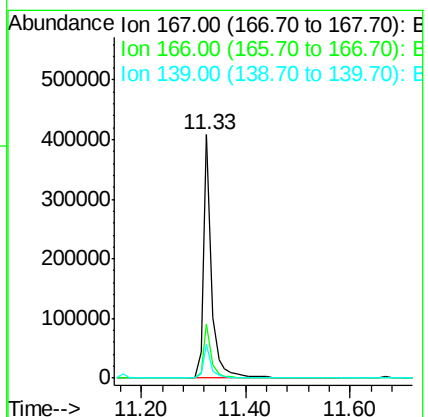
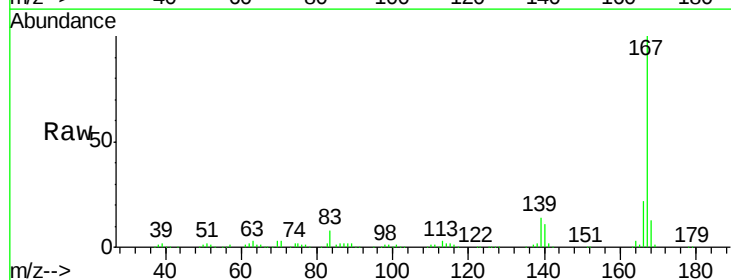
Manual Integrations

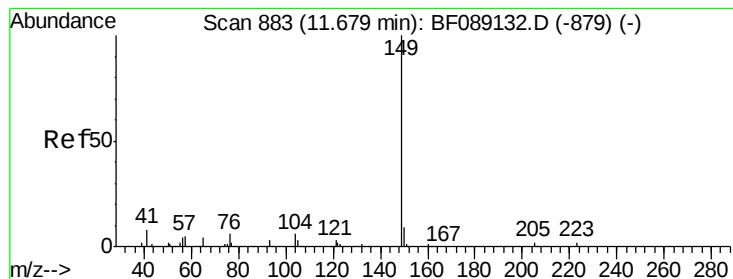
sohil
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#72
 Carbazole
 Concen: 49.45 ng
 RT: 11.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion:167 Resp: 438009
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.0 11.0 16.4





#73

Di-n-butylphthalate

Concen: 51.84 ng

RT: 11.67 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF089233.D

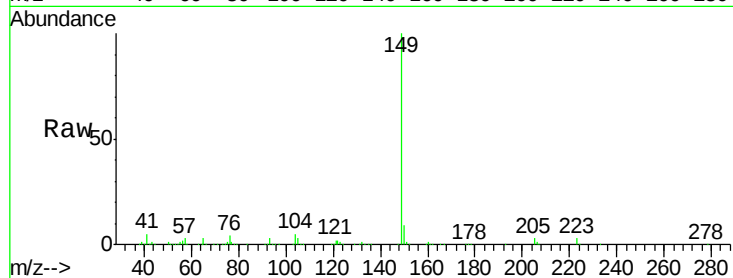
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

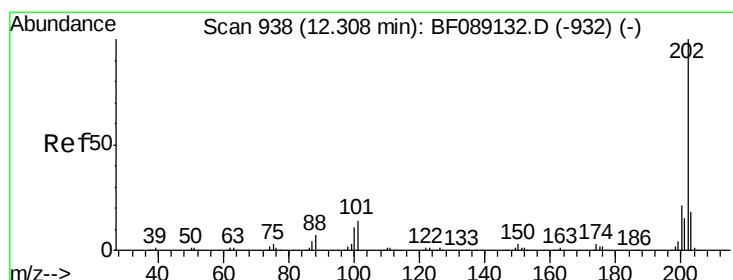
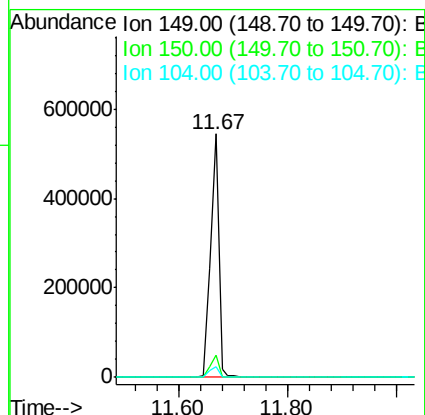
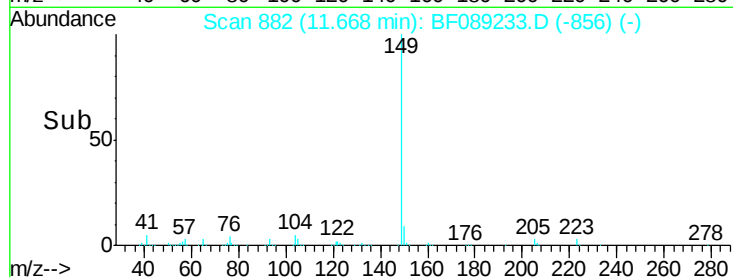


Tgt Ion:	149	Resp:	567949
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.4	11.2
104	4.6	4.6	6.8

Manual Integrations

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#74

Fluoranthene

Concen: 43.53 ng

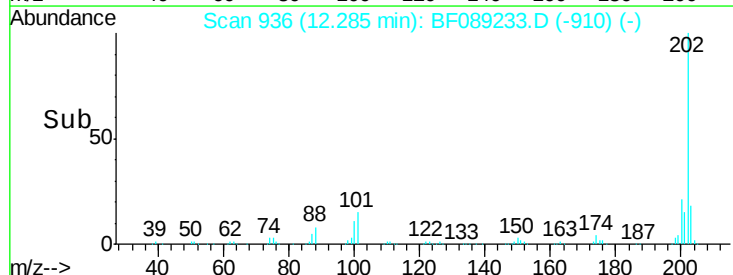
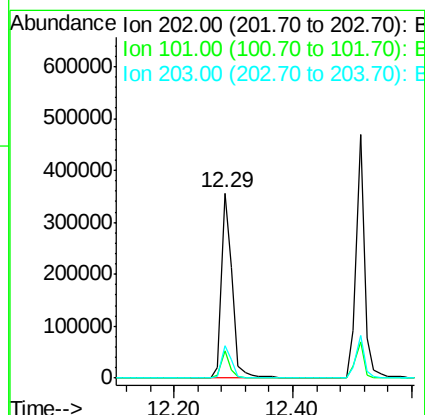
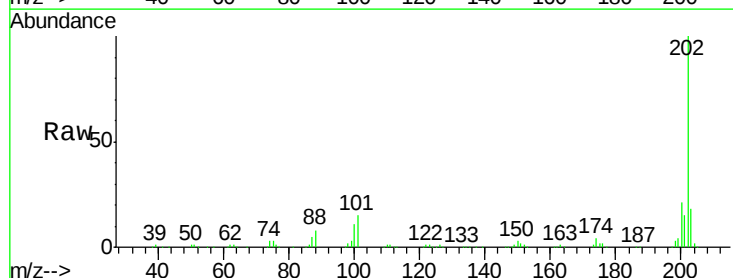
RT: 12.29 min Scan# 936

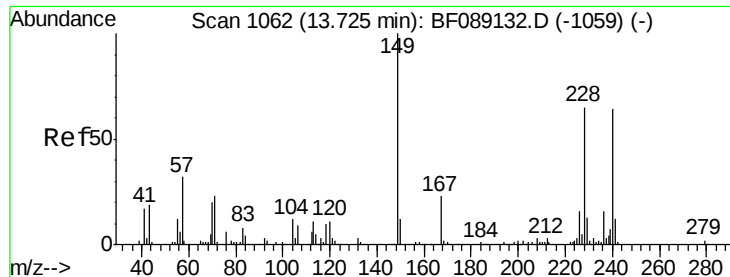
Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:	202	Resp:	443956
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	34.0
203	17.7	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: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

Tgt Ion:240 Resp: 109972

Ion Ratio Lower Upper

240 100

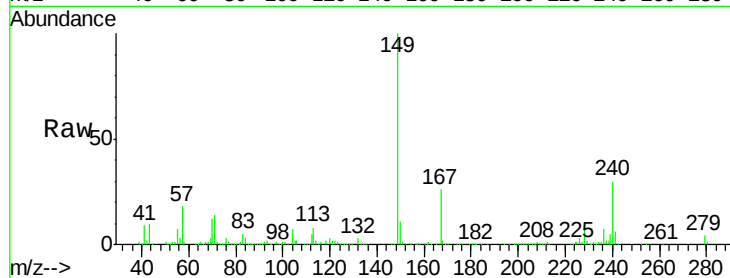
120 9.0 13.6 20.4#

236 24.4 20.5 30.7

Manual Integrations

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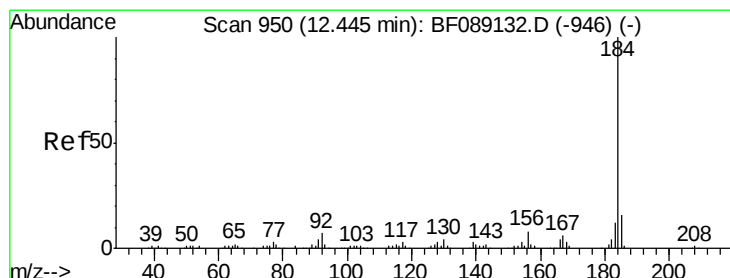
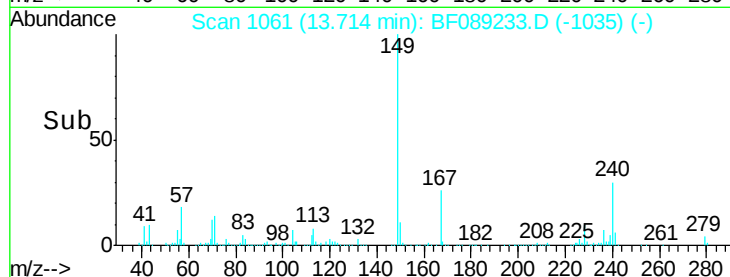
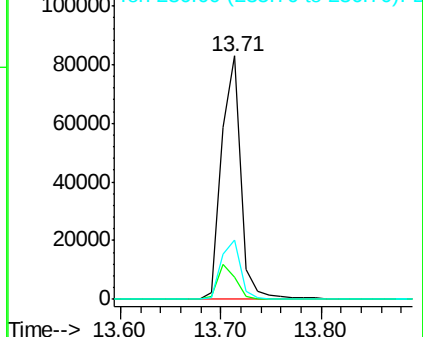
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.20 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

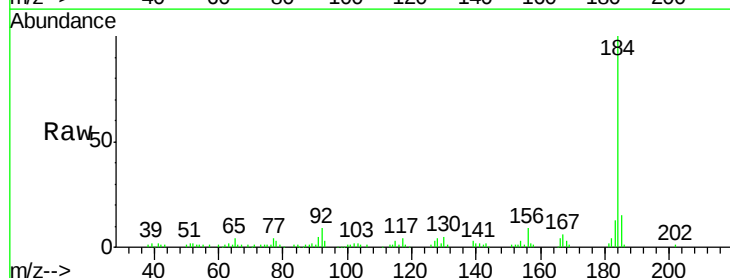
Tgt Ion:184 Resp: 121734

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

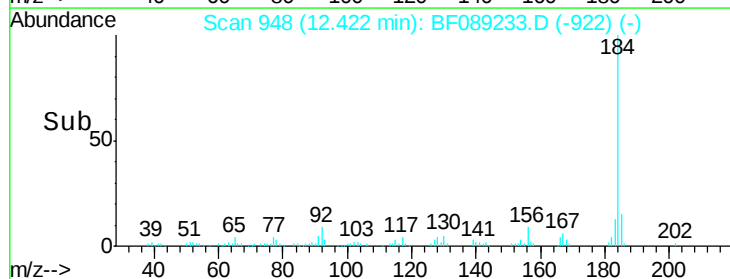
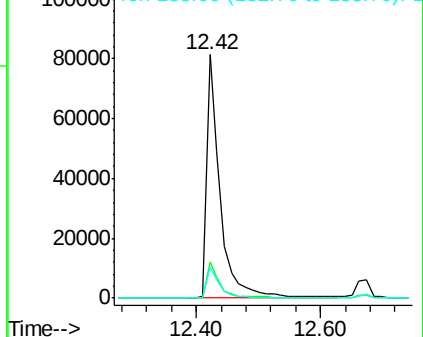
183 12.7 9.6 14.4

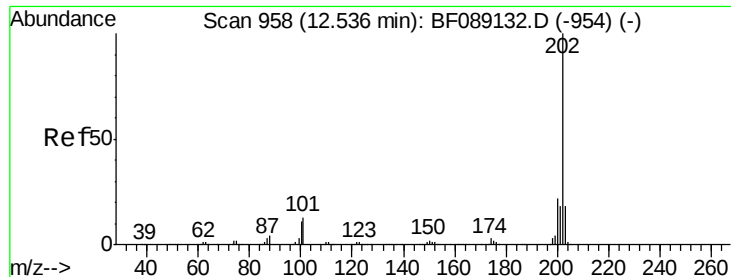


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.60 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

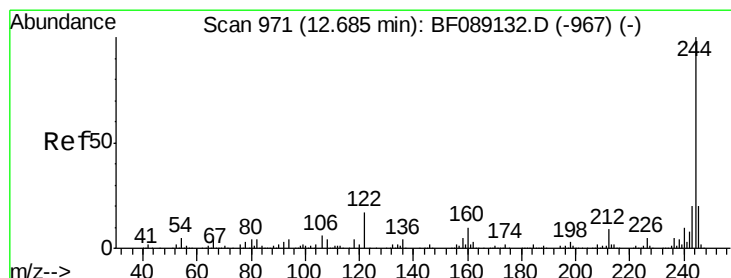
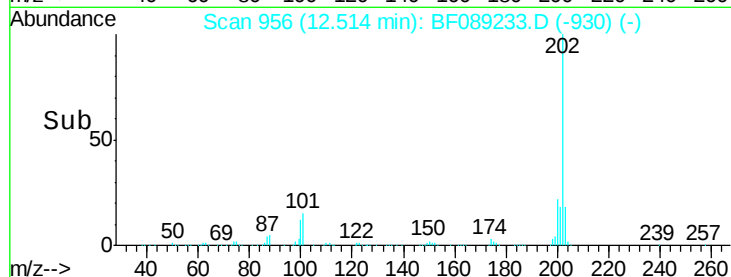
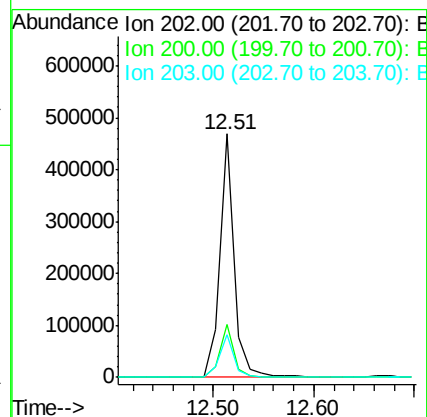
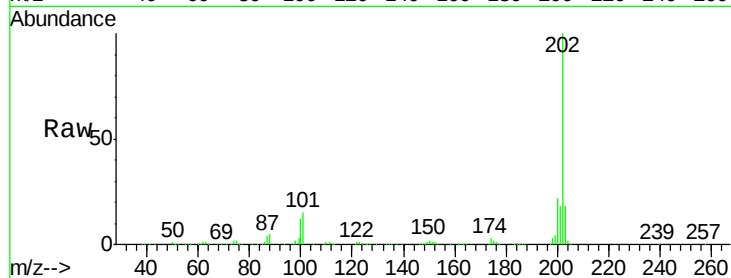
GW-05-5.0-16.0MS

Tgt Ion:	202	Resp:	459595
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.0
203	17.5	14.2	21.2

Manual Integrations

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#78

Terphenyl-d14

Concen: 108.49 ng

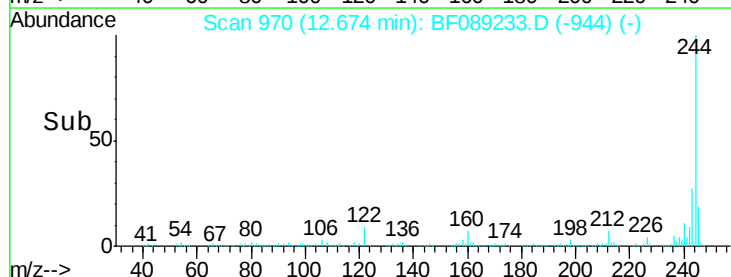
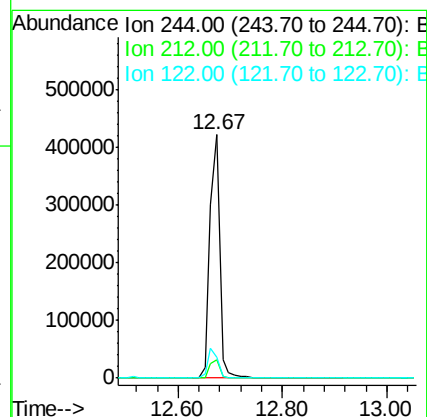
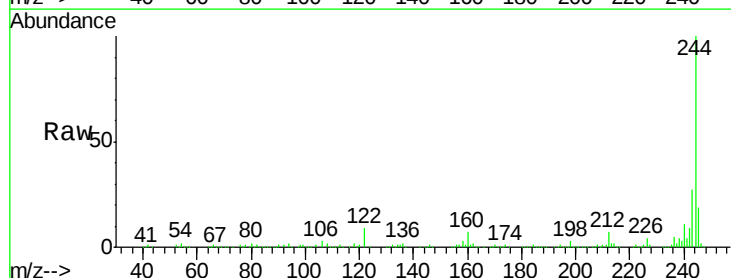
RT: 12.67 min Scan# 970

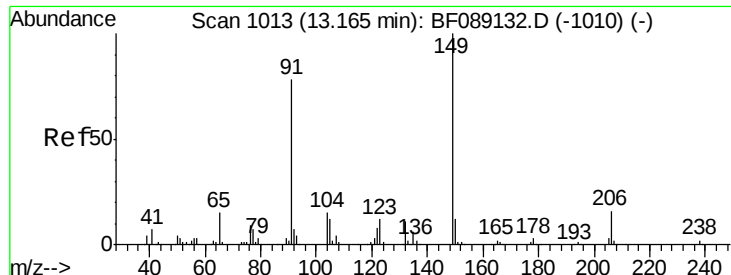
Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:	244	Resp:	550071
Ion Ratio	Lower	Upper	
244	100		
212	7.5	7.0	10.4
122	8.8	13.8	20.8#





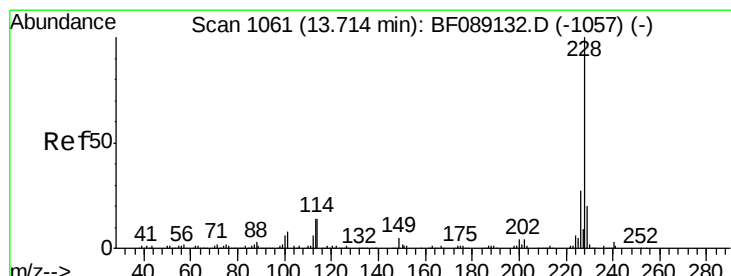
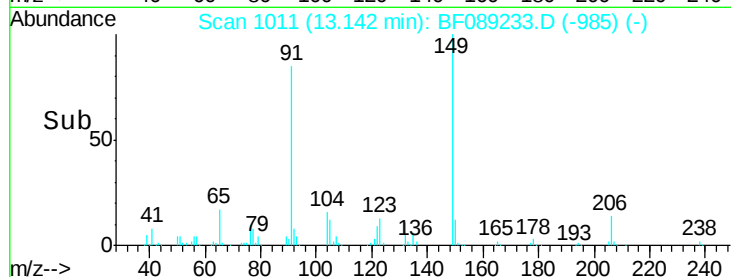
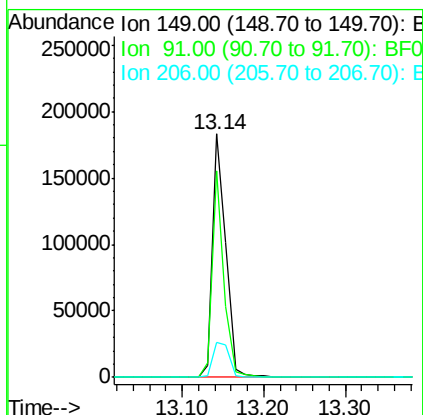
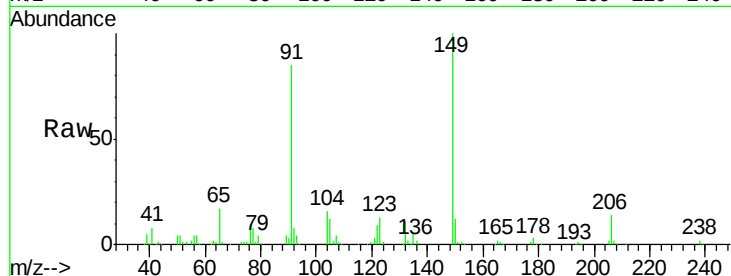
#79
Butylbenzylphthalate
Concen: 54.79 ng
RT: 13.14 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.6	62.6	93.8
206	14.4	13.2	19.8

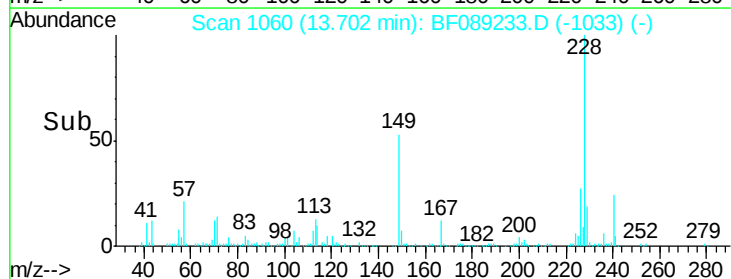
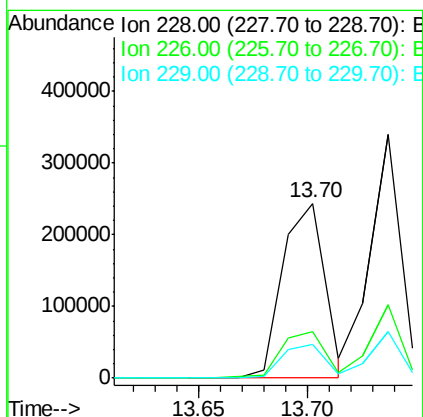
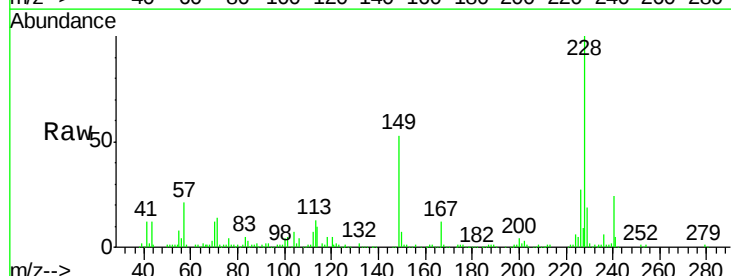
Manual Integrations

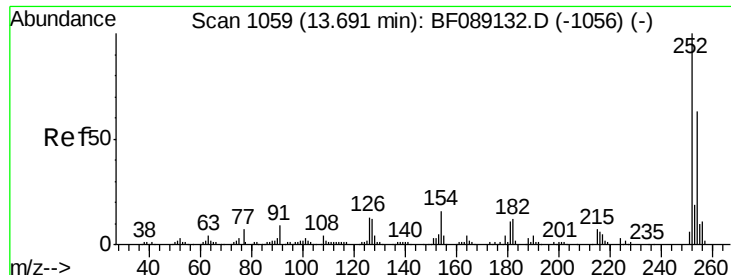
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#80
Benzo(a)anthracene
Concen: 47.47 ng
RT: 13.70 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.8
229	19.5	15.8	23.8





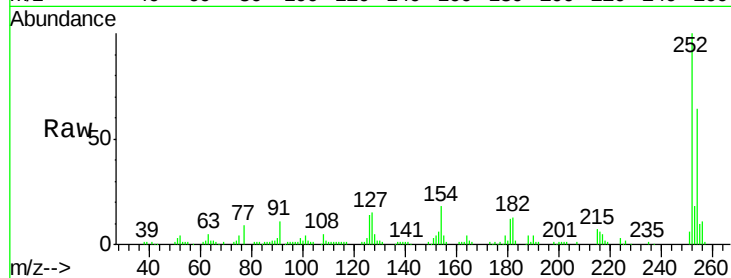
#81
 3,3'-Dichlorobenzidine
 Concen: 37.02 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

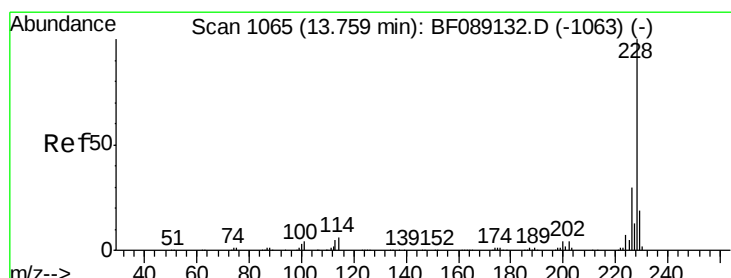
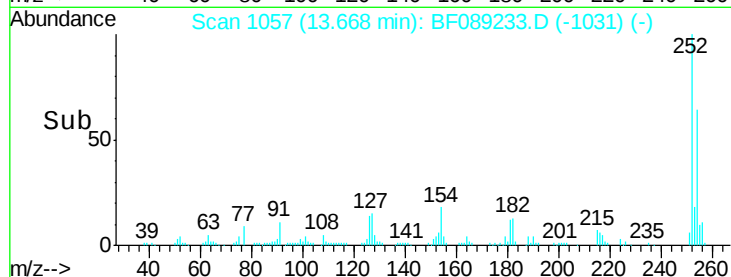
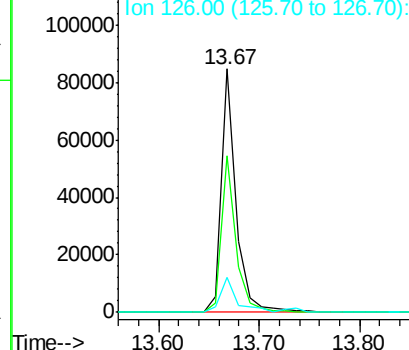
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.4	75.6
126	14.3	10.2	15.2

Manual Integrations

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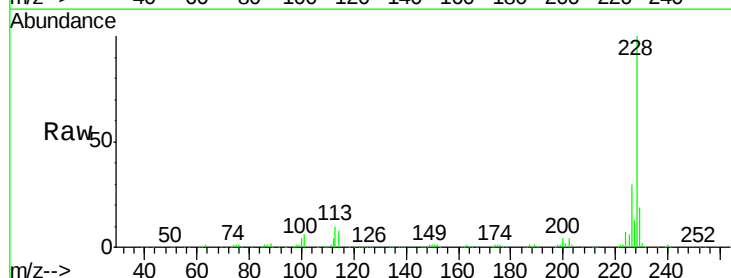


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

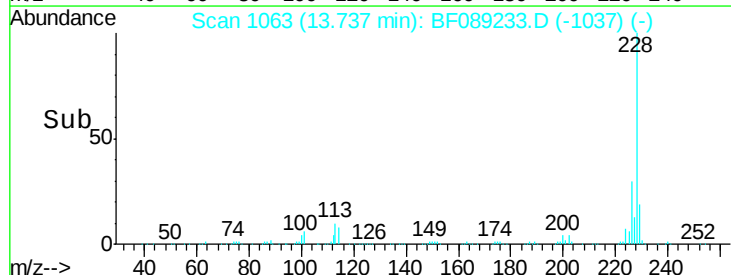
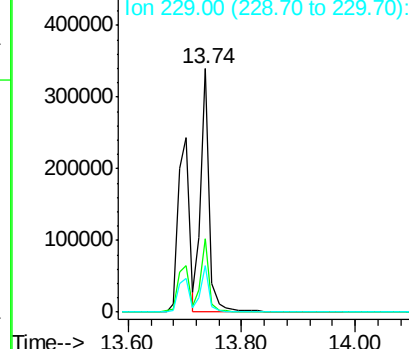


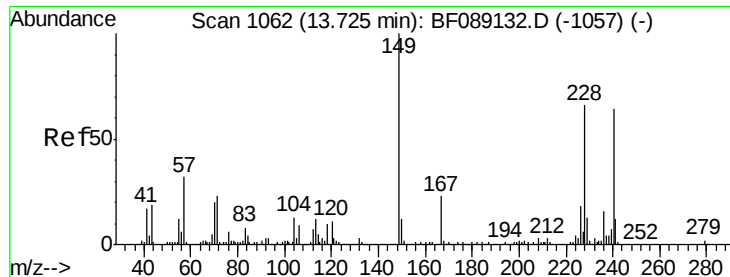
#82
 Chrysene
 Concen: 53.31 ng
 RT: 13.74 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	19.0	15.4	23.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.98 ng

RT: 13.71 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

Tgt Ion:149 Resp: 290350

Ion Ratio Lower Upper

149 100

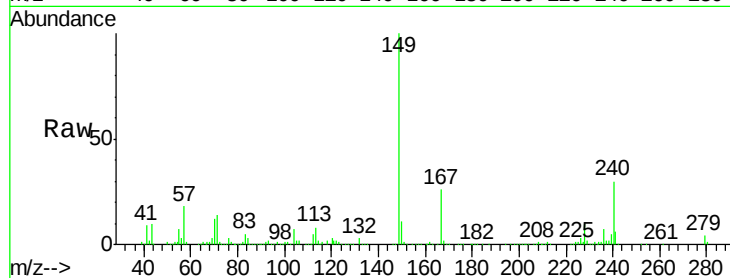
167 26.0 18.6 28.0

279 3.6 1.6 2.4#

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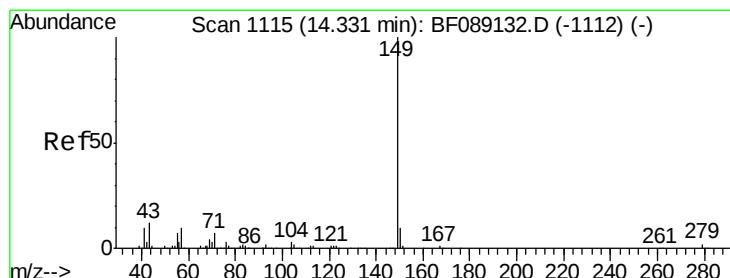
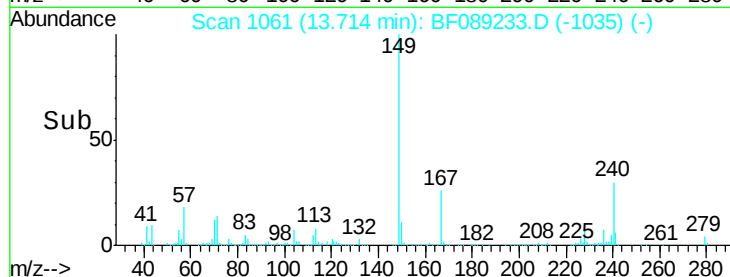
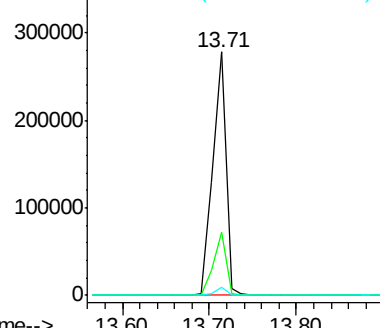
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.12 ng

RT: 14.32 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF089233.D

Acq: 23 Jul 2016 12:59

Tgt Ion:149 Resp: 438206

Ion Ratio Lower Upper

149 100

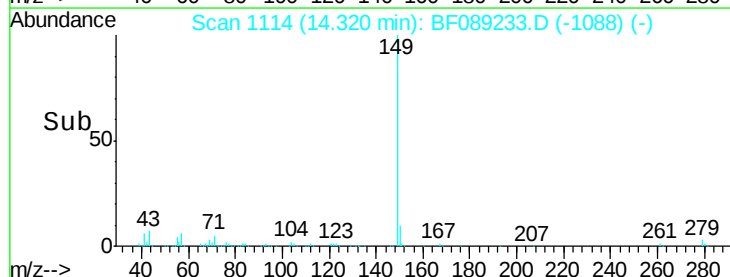
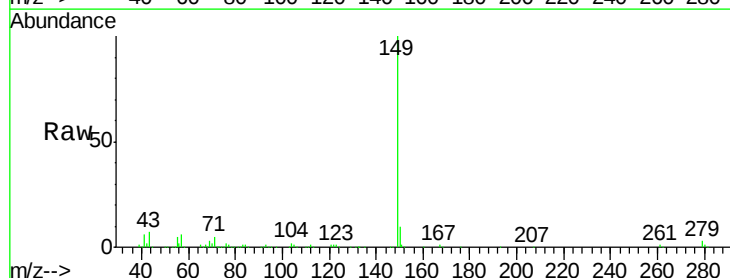
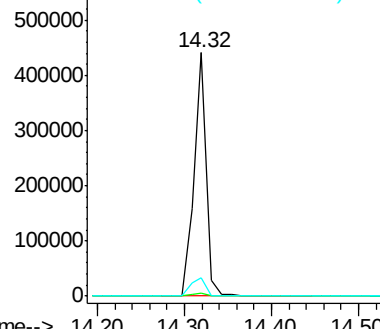
167 1.4 1.2 1.8

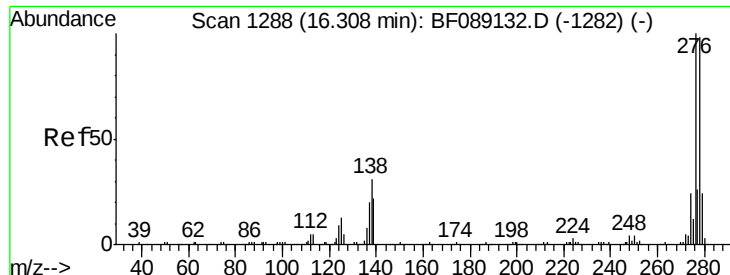
43 9.2 7.3 10.9

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





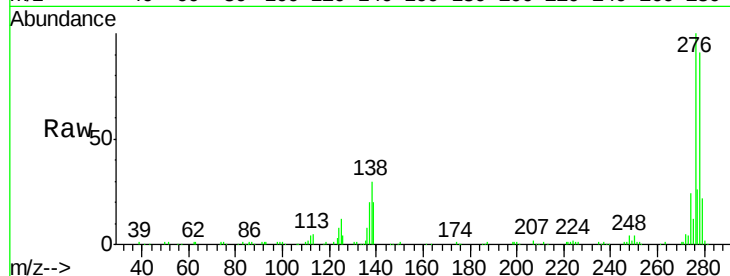
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.08 ng
 RT: 16.27 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

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

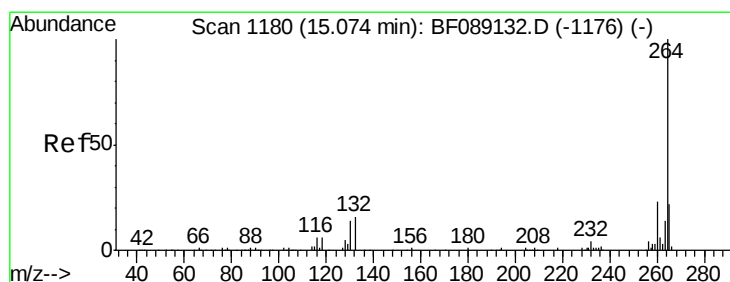
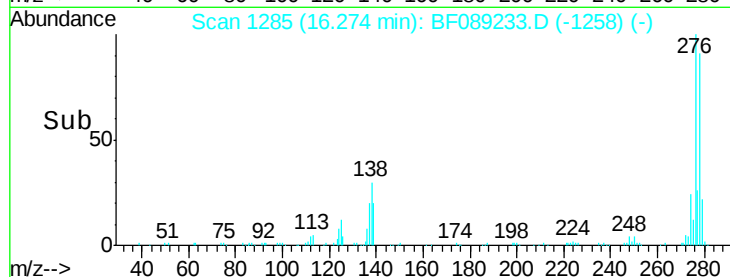
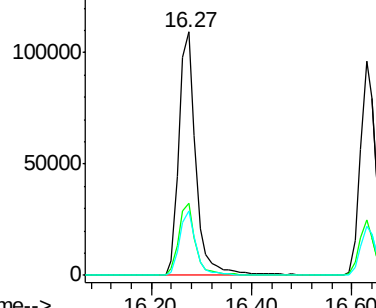
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.7	35.5
277	25.4	20.6	31.0

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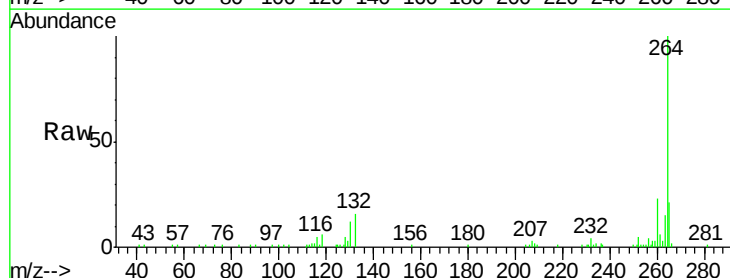


Abundance Ion 276.00 (275.70 to 276.70): E
 150000
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

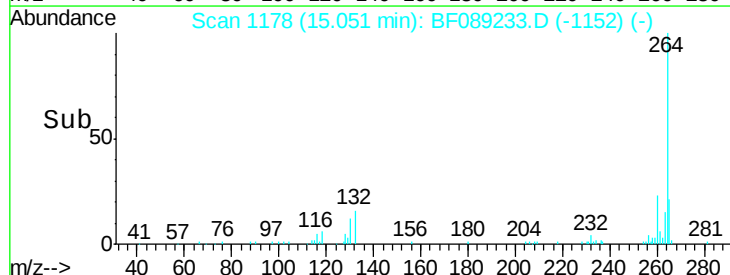
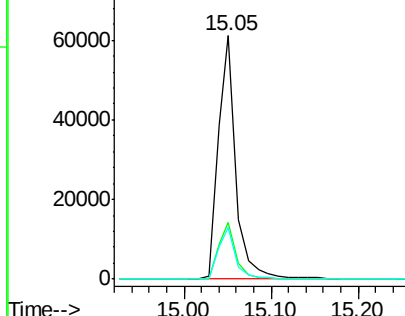


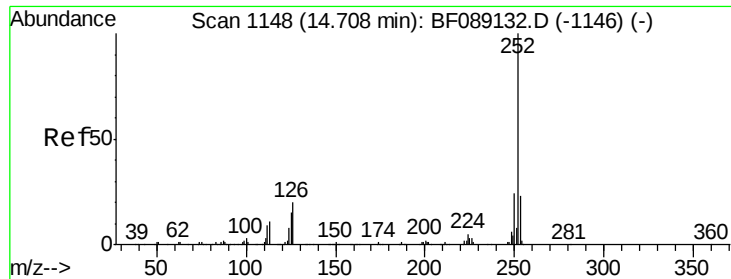
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF089233.D
 Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.0	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 80000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.17 ng m

RT: 14.70 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BF089233.D

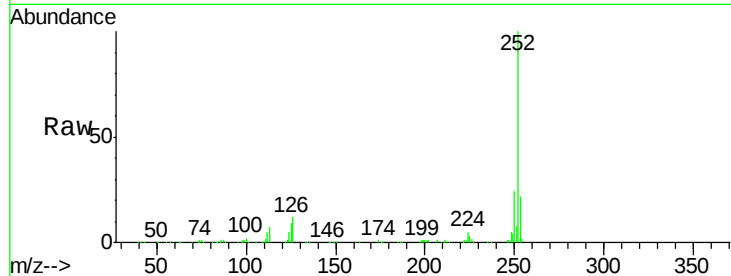
Acq: 23 Jul 2016 12:59

Instrument :

BNA_F

ClientSampleId :

GW-05-5.0-16.0MS

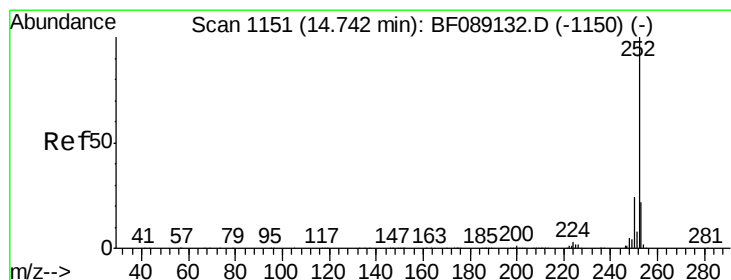
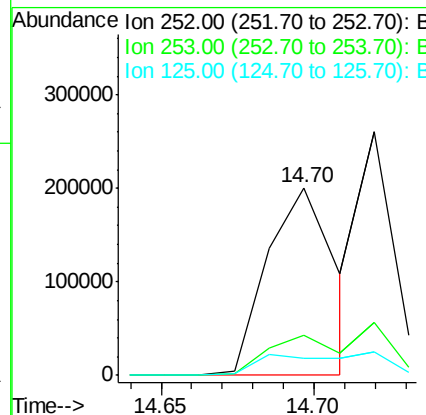


Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.4	11.9	17.9#

Manual Integrations

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#88

Benzo(k)fluoranthene

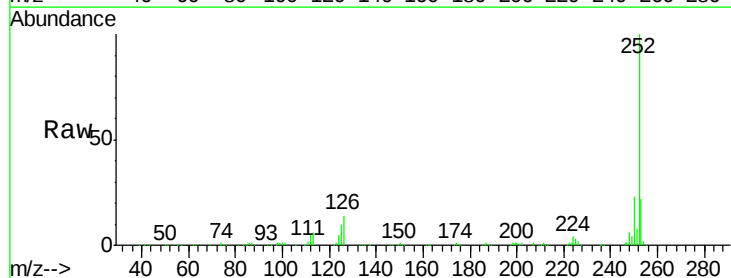
Concen: 50.48 ng m

RT: 14.72 min Scan# 1149

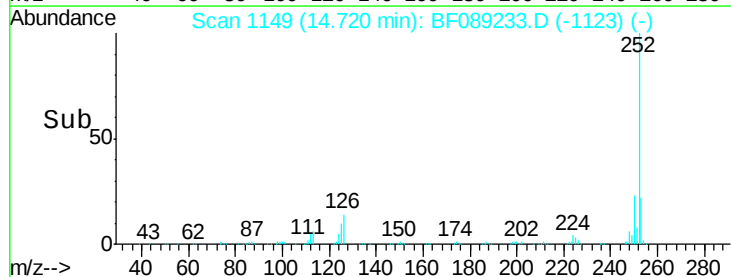
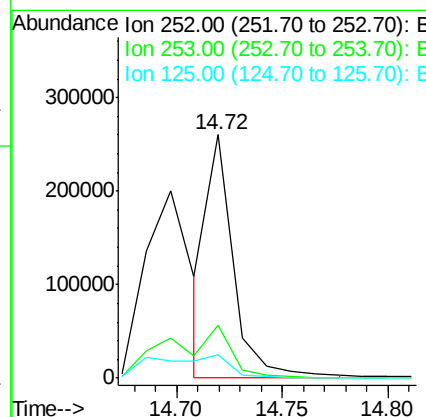
Delta R.T. 0.00 min

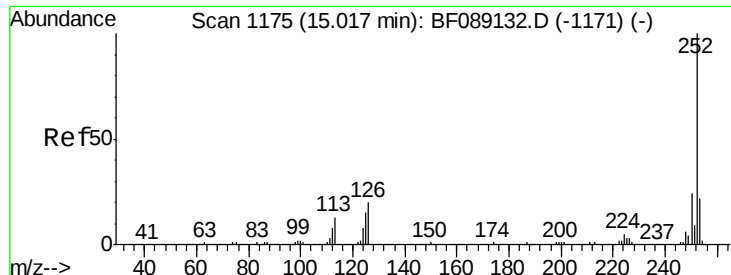
Lab File: BF089233.D

Acq: 23 Jul 2016 12:59



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.7	6.3	9.5#





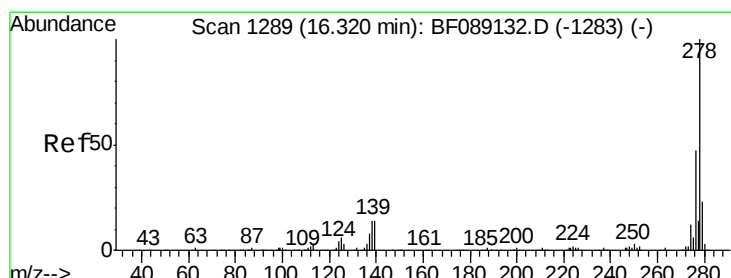
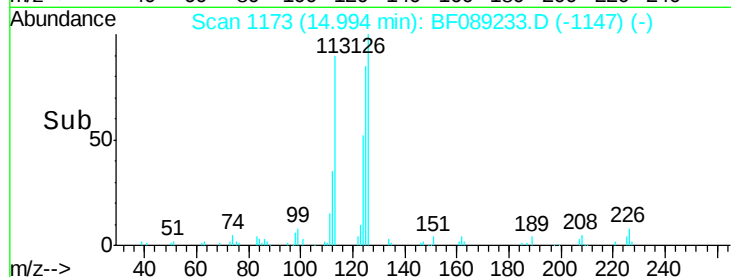
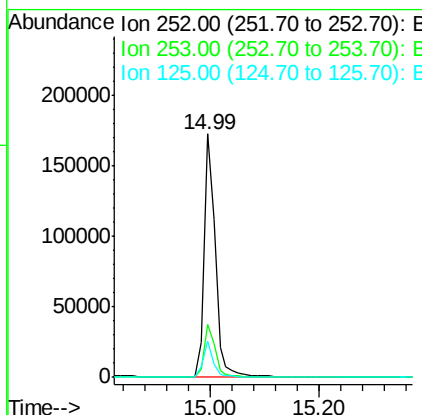
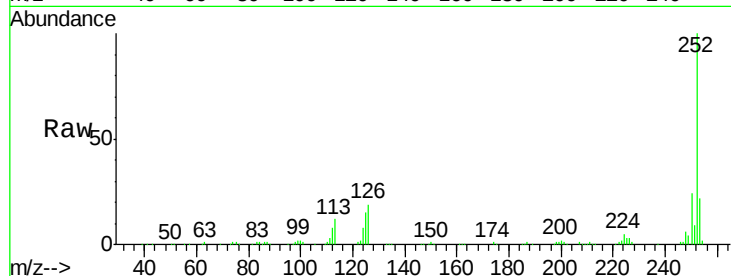
#89
Benzo(a)pyrene
Concen: 50.46 ng
RT: 14.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	15.1	12.4	18.6

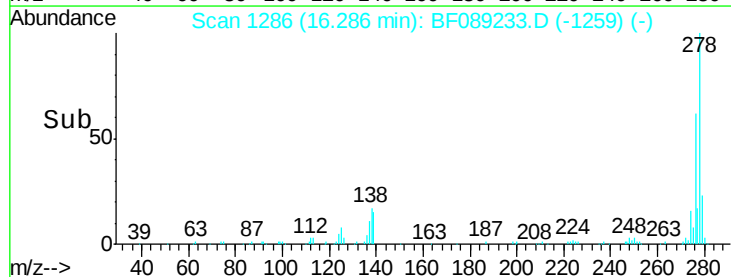
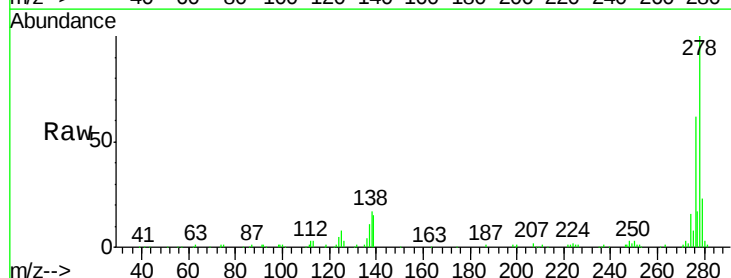
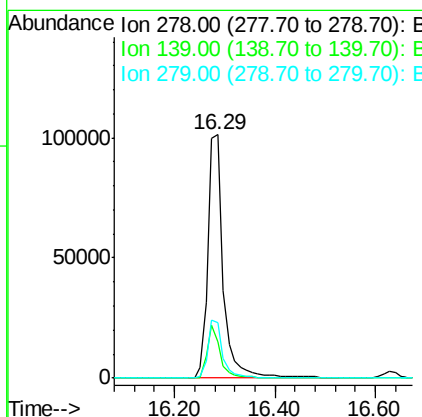
Manual Integrations

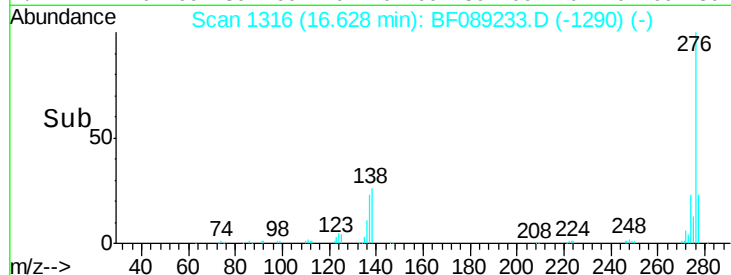
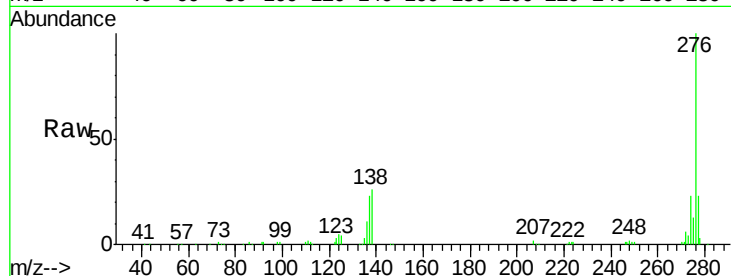
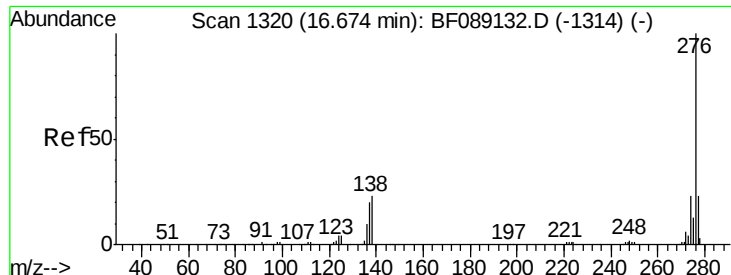
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#90
Dibenzo(a,h)anthracene
Concen: 56.40 ng
RT: 16.29 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.4	17.2
279	22.7	18.4	27.6





#91
Benzo(g,h,i)perylene
Concen: 56.97 ng
RT: 16.63 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF089233.D
Acq: 23 Jul 2016 12:59

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

Tgt Ion:	276	Resp:	220823
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.5	27.7
138	25.8	18.5	27.7

Manual Integrations

sohil
7/25/2016 6:43:00 PM

