

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090758.D
 Acq On : 22 Oct 2016 13:21
 Operator : UM/SJ
 Sample : H5367-08MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Manual Integrations
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 10/24/2016 3:52:45 PM

Quant Time: Oct 24 12:34:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	269069	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1101849	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	576517	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	908052	20.00	ng	0.00
75) Chrysene-d12	14.03	240	571828	20.00	ng	0.01
86) Perylene-d12	15.46	264	428759	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	928499	55.65	ng	0.01
7) Phenol-d6	6.50	99	795704	35.21	ng	0.00
23) Nitrobenzene-d5	7.42	82	1768102	88.01	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	708478	155.26	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3078253	82.89	ng	0.00
78) Terphenyl-d14	12.98	244	2785505	111.64	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	147185	15.25	ng	# 81
3) Pyridine	3.31	79	333809	14.76	ng	# 75
4) n-Nitrosodimethylamine	3.24	42	118539	15.32	ng	# 81
6) Aniline	6.52	93	738084	28.81	ng	# 83
8) 2-Chlorophenol	6.65	128	706855	35.29	ng	# 93
9) Benzaldehyde	6.41	77	150936	12.22	ng	# 80
10) Phenol	6.51	94	368824	14.52	ng	# 42
11) bis(2-Chloroethyl)ether	6.60	93	920474	43.13	ng	# 87
12) 1,3-Dichlorobenzene	6.79	146	806530	40.09	ng	# 92
13) 1,4-Dichlorobenzene	6.87	146	884304	41.44	ng	# 93
14) 1,2-Dichlorobenzene	7.03	146	792537	37.94	ng	# 98
15) Benzyl Alcohol	7.00	79	419850	27.35	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1072842	33.56	ng	# 67
17) 2-Methylphenol	7.13	107	473451	31.37	ng	# 79
18) Hexachloroethane	7.37	117	313721	36.22	ng	# 91
19) n-Nitroso-di-n-propylamine	7.29	70	694938	41.29	ng	# 68
20) 3+4-Methylphenols	7.27	107	459401	25.68	ng	# 40
22) Acetophenone	7.27	105	1156428	47.10	ng	# 86
24) Nitrobenzene	7.45	77	906406	41.62	ng	# 70
25) Isophorone	7.69	82	1788585	47.03	ng	# 89
26) 2-Nitrophenol	7.77	139	461867	51.91	ng	# 85
27) 2,4-Dimethylphenol	7.81	122	693288	43.95	ng	# 86
28) bis(2-Chloroethoxy)methane	7.90	93	1139441	54.77	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	614236	47.44	ng	# 91
30) 1,2,4-Trichlorobenzene	8.09	180	744543	48.86	ng	# 97
31) Naphthalene	8.17	128	2364413	43.87	ng	# 96
32) Benzoic acid	7.90	122	117583	16.46	ng	# 71
33) 4-Chloroaniline	8.22	127	670570	33.55	ng	# 93
34) Hexachlorobutadiene	8.28	225	405188	47.30	ng	# 98
35) Caprolactam	8.60	113	30692	8.30	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	646751	42.95	ng	# 88
37) 2-Methylnaphthalene	8.86	142	1627488	51.67	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	685839	44.06	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	734795	100.54	ng	# 95

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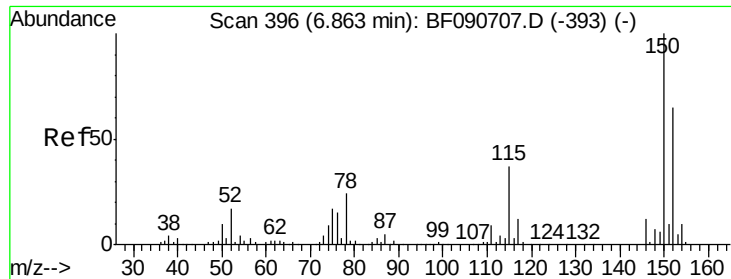
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	479160	49.63	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	485251	49.53	nq	# 96
45) 1,1'-Biphenyl	9.32	154	1876321	41.44	nq	91
46) 2-Chloronaphthalene	9.35	162	1556288	46.25	nq	96
47) 2-Nitroaniline	9.45	65	462148	41.37	nq	# 75
48) Acenaphthylene	9.77	152	2305796	44.91	nq	94
49) Dimethylphthalate	9.63	163	1818394	50.19	nq	# 97
50) 2,6-Dinitrotoluene	9.70	165	408641	52.45	nq	# 90
51) Acenaphthene	9.94	154	1474107	43.24	nq	88
52) 3-Nitroaniline	9.86	138	228533	25.52	nq	# 55
53) 2,4-Dinitrophenol	9.97	184	350689m	79.03	nq	
54) Dibenzofuran	10.11	168	2053685	49.74	nq	# 85
55) 4-Nitrophenol	10.03	139	162047	33.20	nq	# 62
56) 2,4-Dinitrotoluene	10.10	165	546978	57.45	nq	# 88
57) Fluorene	10.45	166	1622162	47.40	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	407706	53.03	nq	99
59) Diethylphthalate	10.33	149	1692055	45.03	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	753640	48.19	nq	# 88
61) 4-Nitroaniline	10.49	138	377362	41.61	nq	# 62
62) Azobenzene	10.60	77	1825868	41.50	nq	86
64) 4,6-Dinitro-2-methylphenol	10.51	198	279490	48.20	nq	# 68
65) n-Nitrosodiphenylamine	10.57	169	1401349	48.17	nq	89
66) 4-Bromophenyl-phenylether	10.93	248	492611	55.96	nq	98
67) Hexachlorobenzene	11.00	284	591655	56.96	nq	# 84
68) Atrazine	11.09	200	330350	41.14	nq	87
69) Pentachlorophenol	11.19	266	579347	85.91	nq	97
70) Phenanthrene	11.41	178	2208361m	47.71	nq	
71) Anthracene	11.47	178	2400366	46.76	nq	97
72) Carbazole	11.62	167	1953431	45.52	nq	# 92
73) Di-n-butylphthalate	11.95	149	2462726	44.24	nq	# 96
74) Fluoranthene	12.60	202	2237330	49.97	nq	89
76) Benzidine	12.73	184	278062	21.90	nq	97
77) Pyrene	12.83	202	2214382m	55.45	nq	
79) Butylbenzylphthalate	13.45	149	1043065	56.82	nq	93
80) Benzo(a)anthracene	14.02	228	1585432	50.66	nq	95
81) 3,3'-Dichlorobenzidine	13.98	252	344902	31.81	nq	# 92
82) Chrysene	14.05	228	1633739m	53.49	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1322092	50.34	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1998339	50.13	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1334377	50.08	nq	# 95
87) Benzo(b)fluoranthene	15.05	252	1272289	48.26	nq	# 90
88) Benzo(k)fluoranthene	15.08	252	1419615m	53.58	nq	
89) Benzo(a)pyrene	15.40	252	1234551	49.91	nq	# 89
90) Dibenzo(a,h)anthracene	16.89	278	1136569	47.86	nq	# 86
91) Benzo(g,h,i)perylene	17.30	276	1076847	46.75	nq	# 83

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



#1

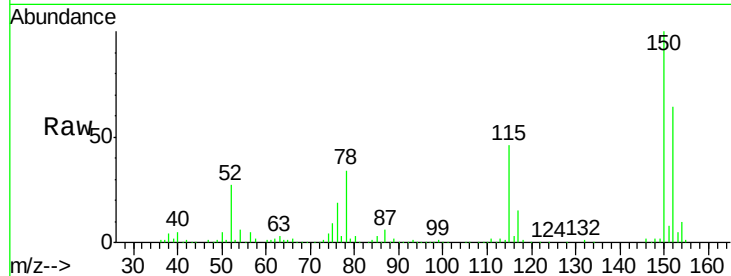
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

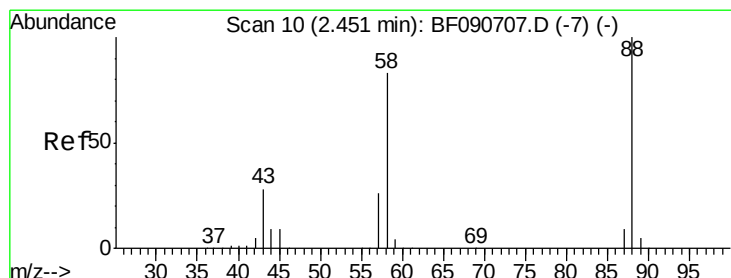
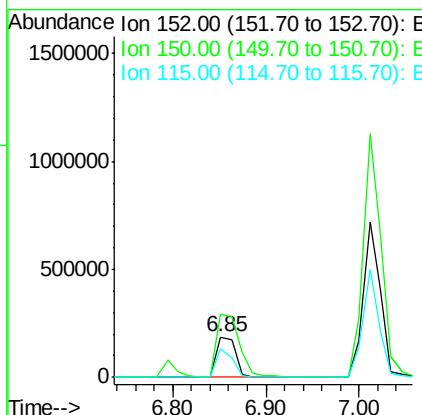
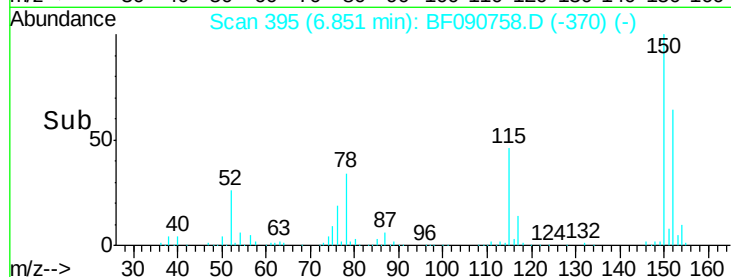
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	72.7	39.0	58.4

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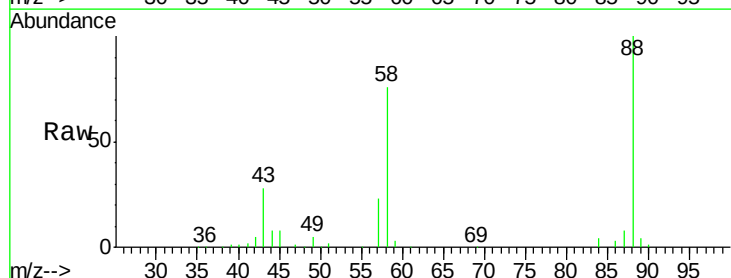
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



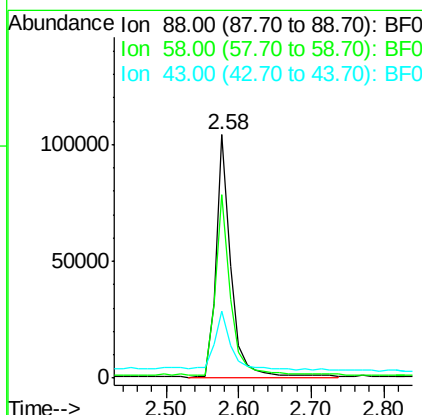
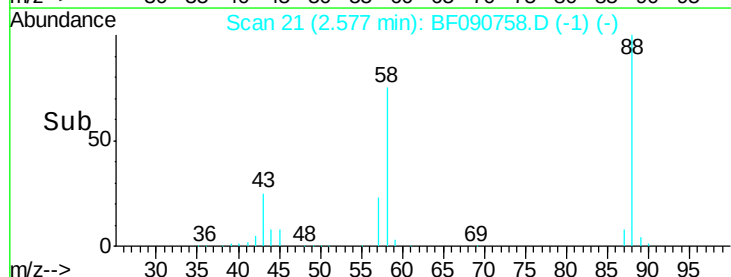
#2

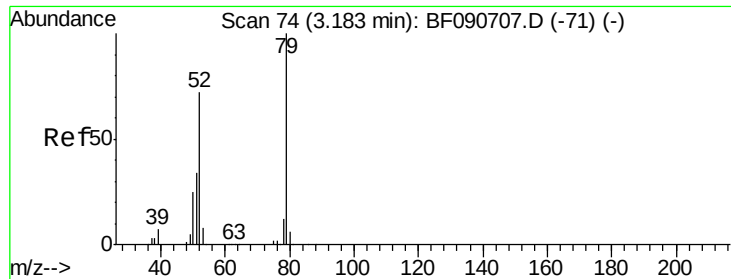
1,4-Dioxane
Concen: 15.25 ng
RT: 2.58 min Scan# 21
Delta R.T. 0.09 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.1	77.7	116.5
43	27.8	26.6	40.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 14.76 ng

RT: 3.31 min Scan# 85

Delta R.T. 0.10 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

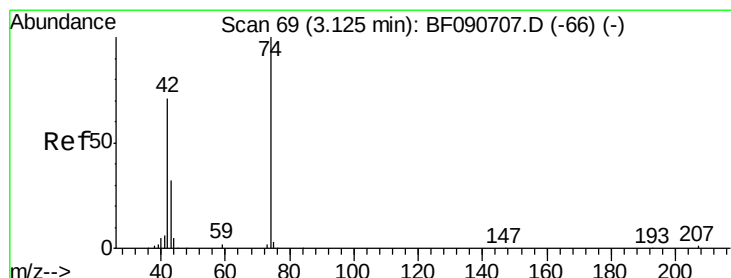
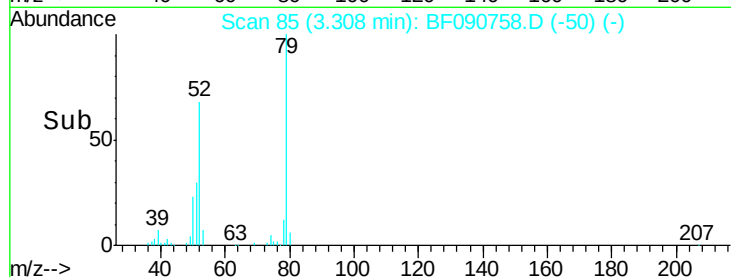
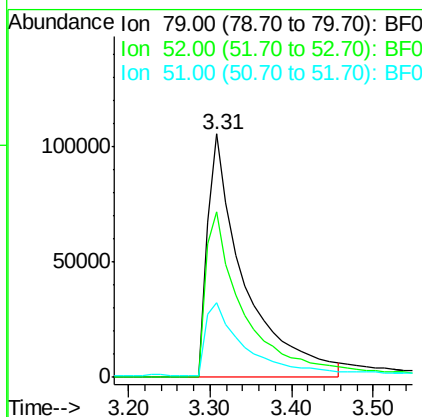
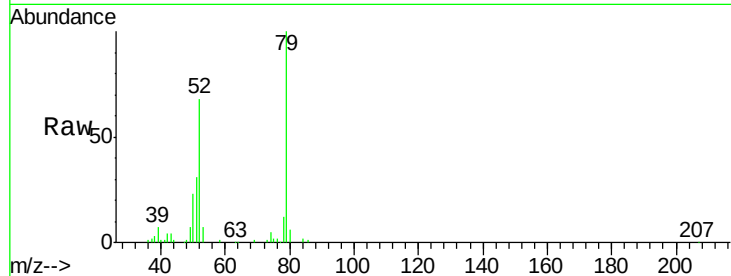
ClientSampleId :

MW-01S-101916MS

Tot Ion:	79	Resp:	333809
Ion Ratio	Lower	Upper	
79	100		
52	68.1	76.8	115.2#
51	30.9	32.2	48.4#

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#4

n-Nitrosodimethylamine

Concen: 15.32 ng

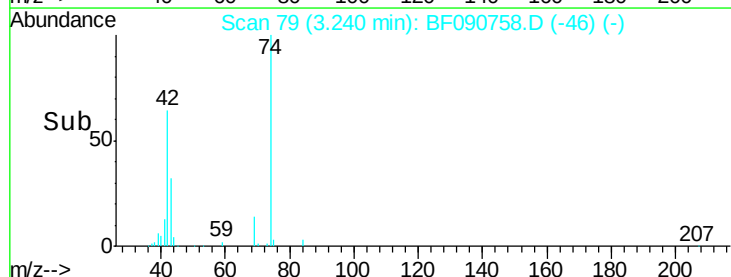
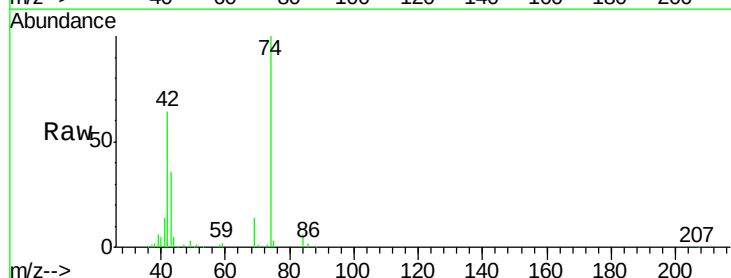
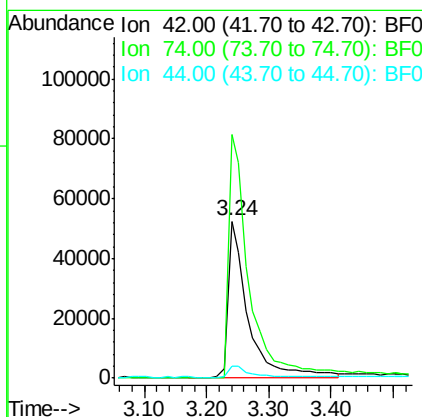
RT: 3.24 min Scan# 79

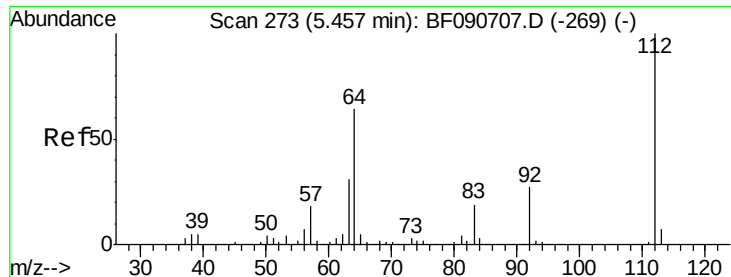
Delta R.T. 0.08 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:	42	Resp:	118539
Ion Ratio	Lower	Upper	
42	100		
74	155.2	105.0	157.6
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 55.65 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

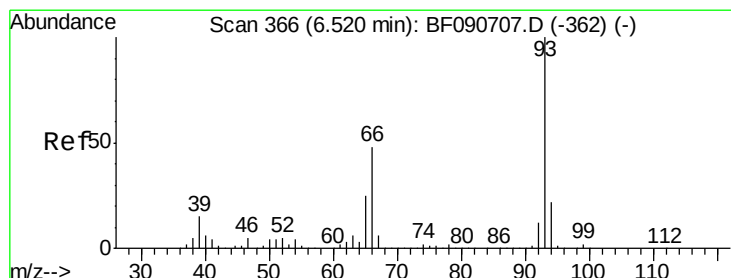
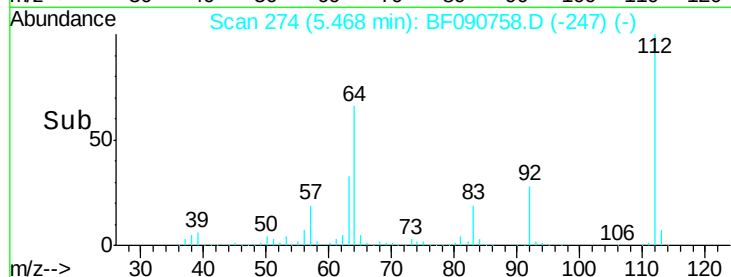
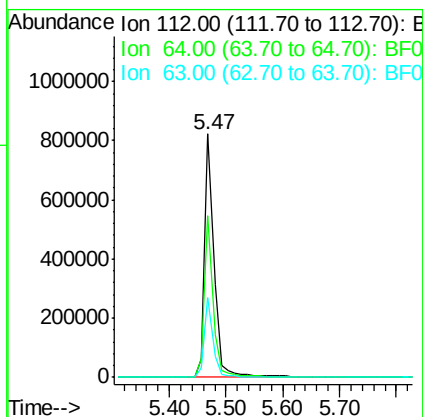
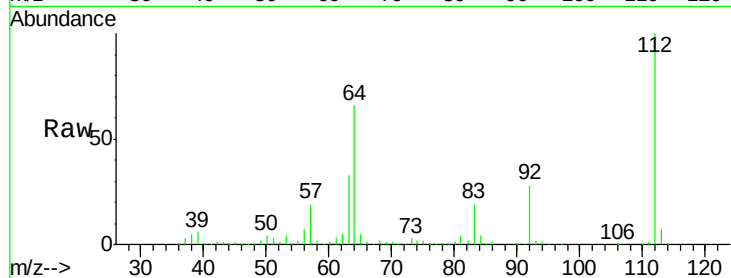
ClientSampleId :

MW-01S-101916MS

Tot Ion:	112	Resp:	928499
Ion Ratio	Lower	Upper	
112	100		
64	66.2	39.7	59.5#
63	32.5	17.4	26.0#

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#6

Aniline

Concen: 28.81 ng

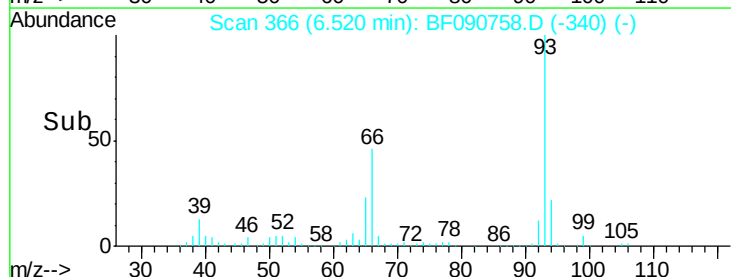
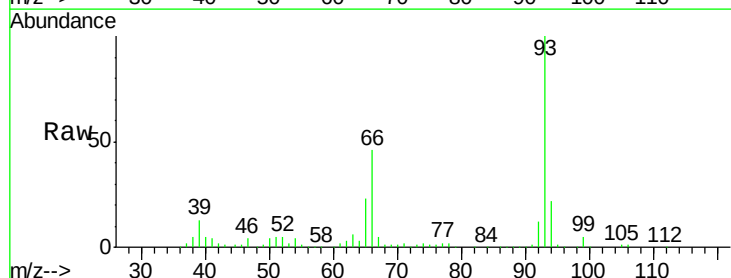
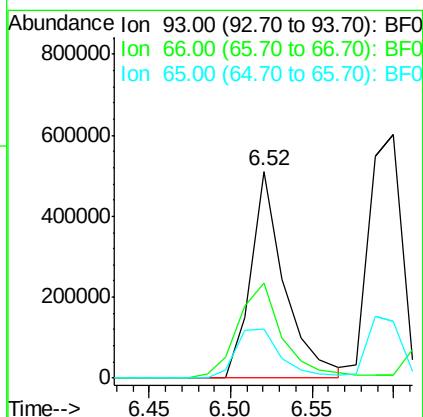
RT: 6.52 min Scan# 366

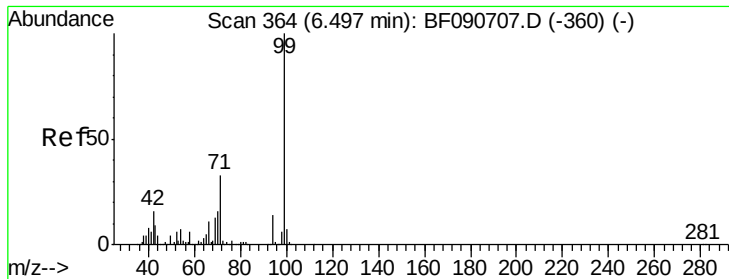
Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:	93	Resp:	738084
Ion Ratio	Lower	Upper	
93	100		
66	45.7	27.2	40.8#
65	23.5	14.7	22.1#





#7

Phenol-d6

Concen: 35.21 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

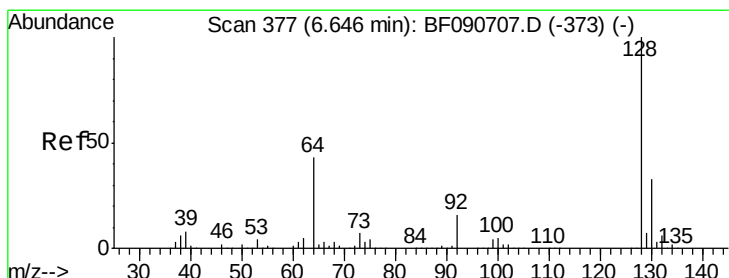
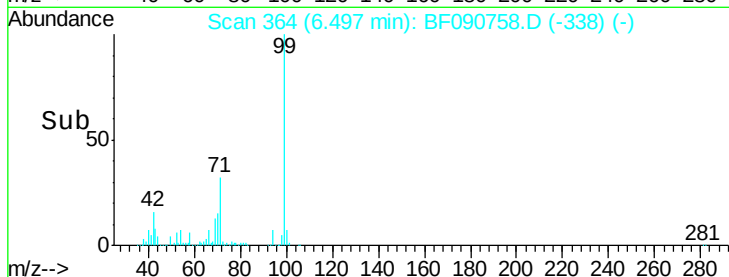
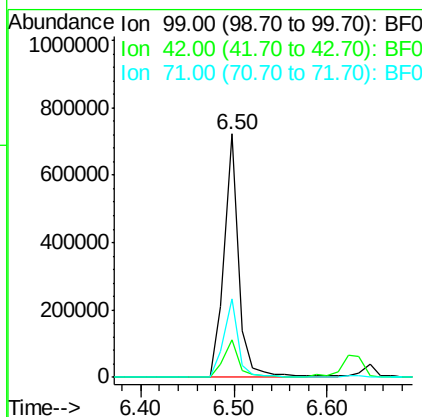
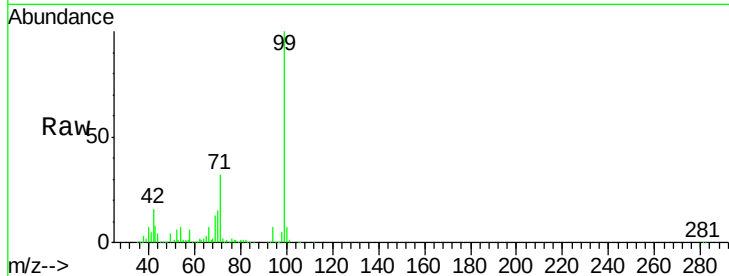
ClientSampleId :

MW-01S-101916MS

Tot Ion:	99	Resp:	795704
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.7	20.5
71	32.2	14.2	21.2#

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#8

2-Chlorophenol

Concen: 35.29 ng

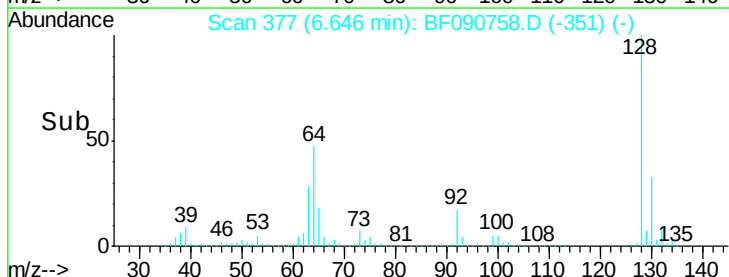
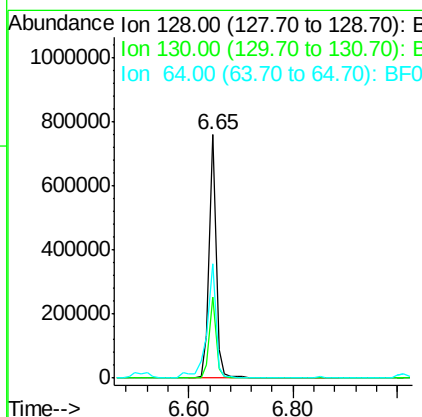
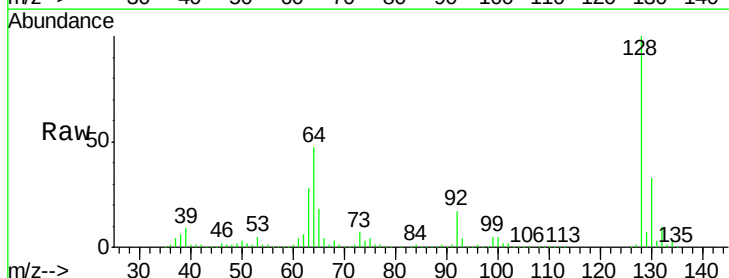
RT: 6.65 min Scan# 377

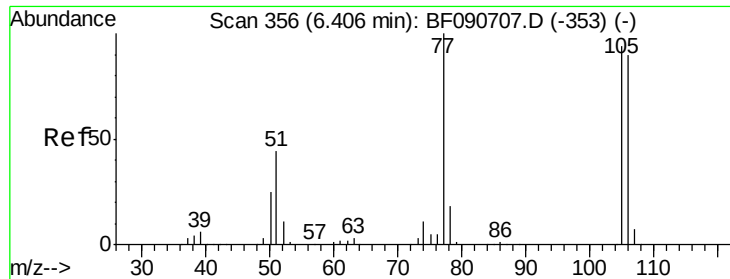
Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:	128	Resp:	706855
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.2	52.2
64	47.1	20.5	60.5





#9

Benzaldehyde

Concen: 12.22 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion: 77 Resp: 150936

Ion Ratio Lower Upper

77 100

105 98.3 91.6 131.6

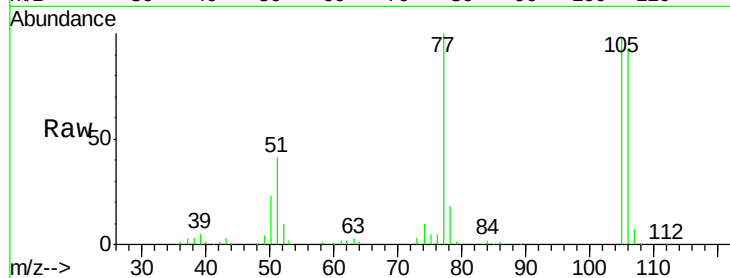
106 92.1 102.6 142.6#

Manual Integrations

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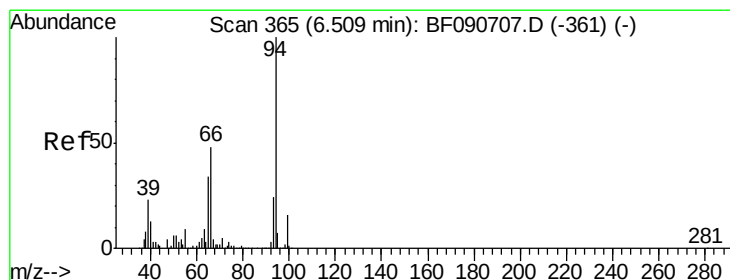
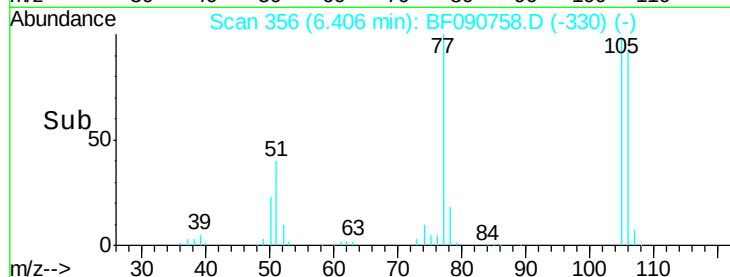
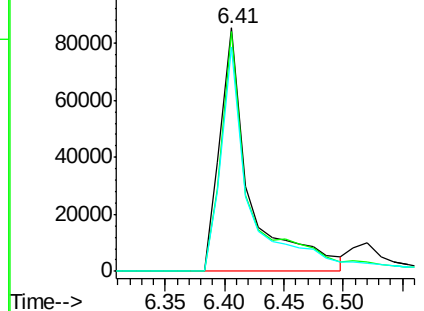
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 14.52 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

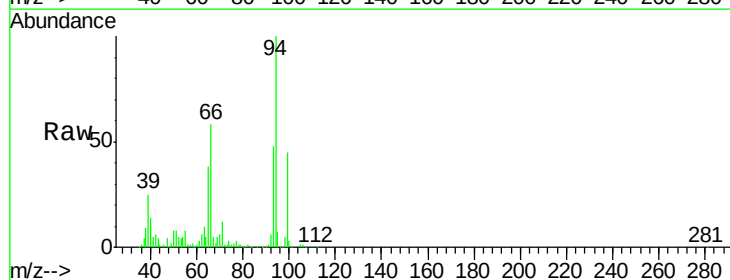
Tgt Ion: 94 Resp: 368824

Ion Ratio Lower Upper

94 100

65 38.0 0.7 40.7

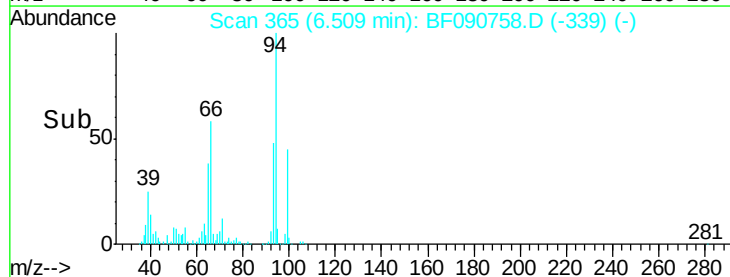
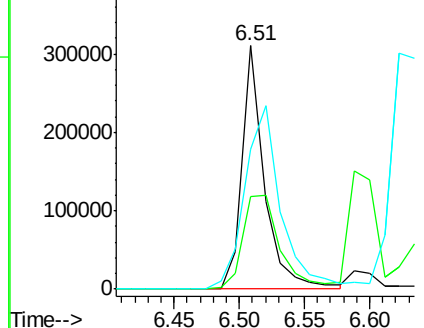
66 57.7 0.8 40.8#

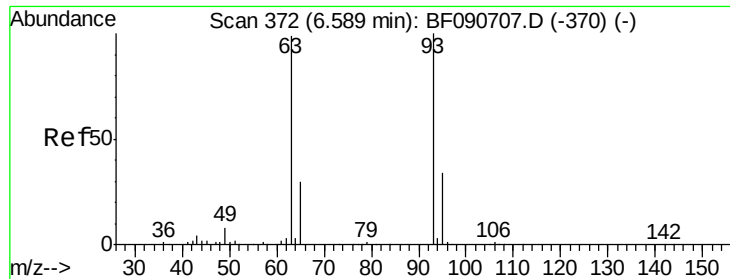


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.13 ng

RT: 6.60 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

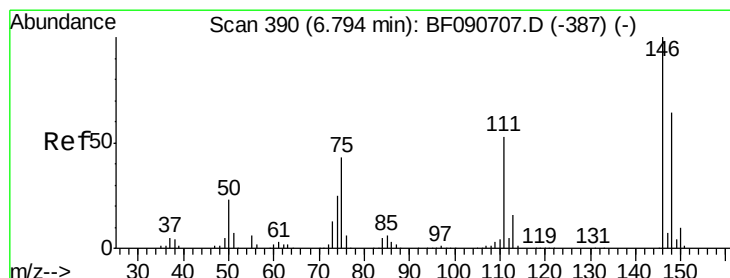
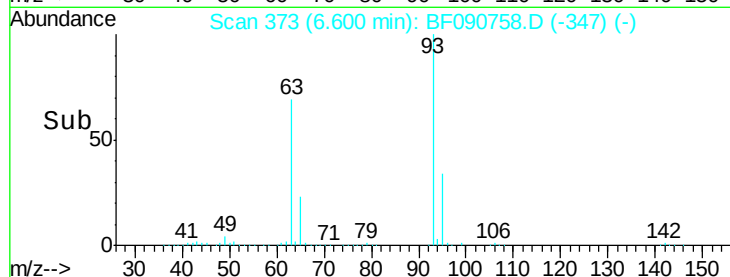
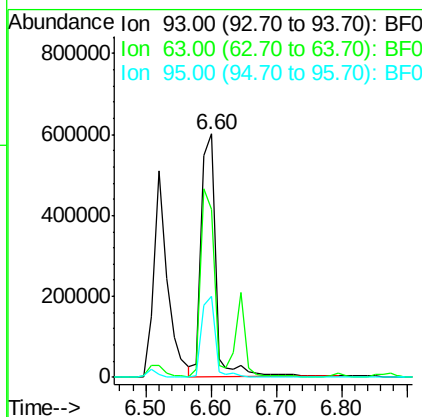
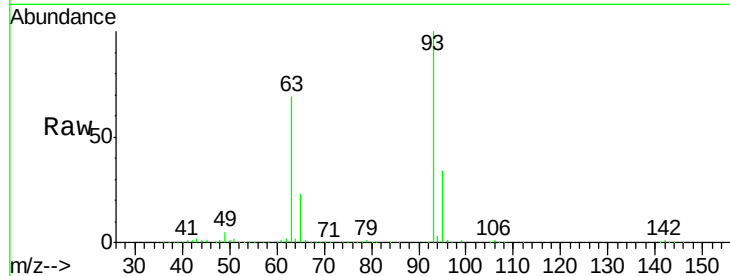
ClientSampleId :

MW-01S-101916MS

Tot Ion:	93	Resp:	920474
Ion	Ratio	Lower	Upper
93	100		
63	69.2	65.6	105.6
95	33.5	13.6	53.6

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#12

1,3-Dichlorobenzene

Concen: 40.09 ng

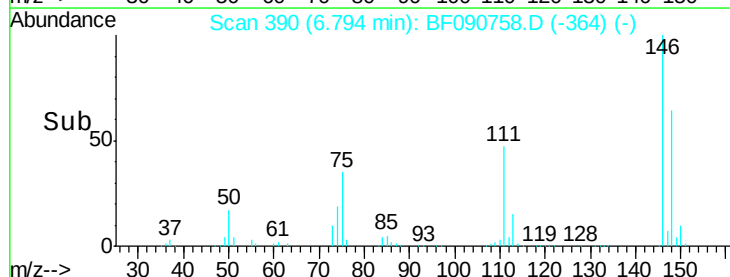
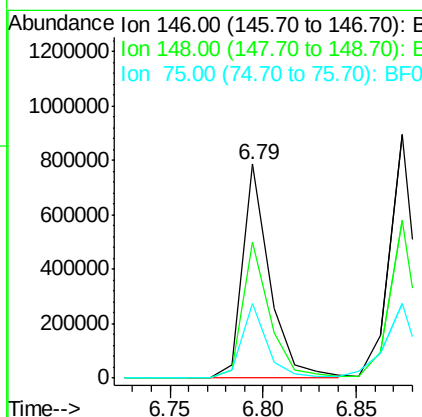
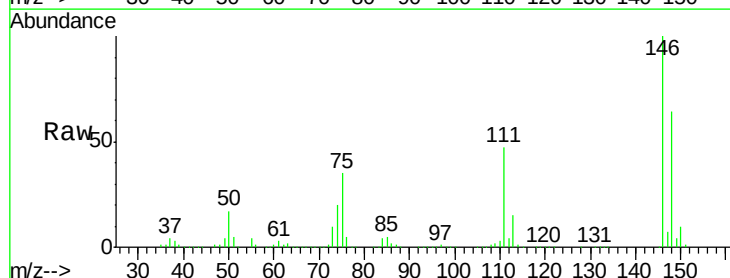
RT: 6.79 min Scan# 390

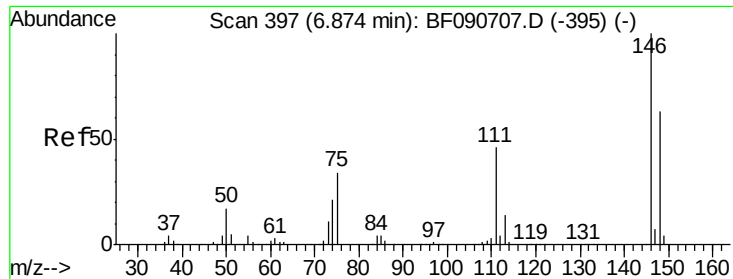
Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:	146	Resp:	806530
Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.0	76.4
75	34.8	15.0	22.6#





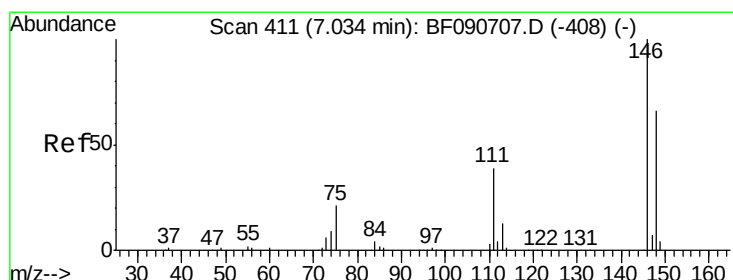
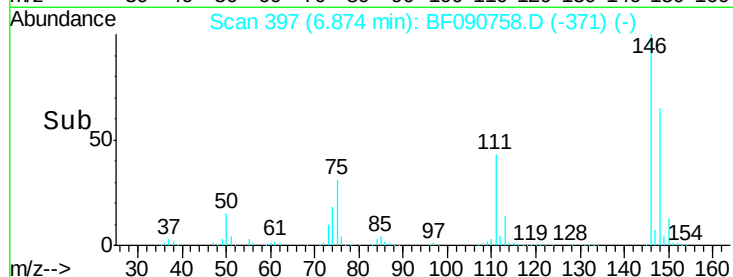
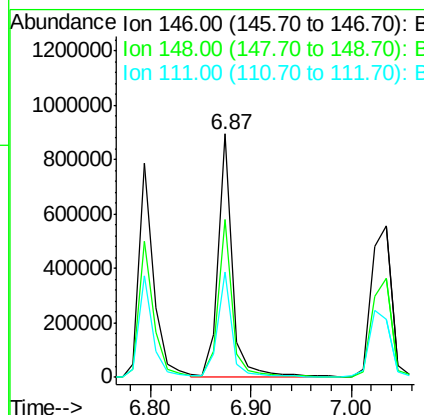
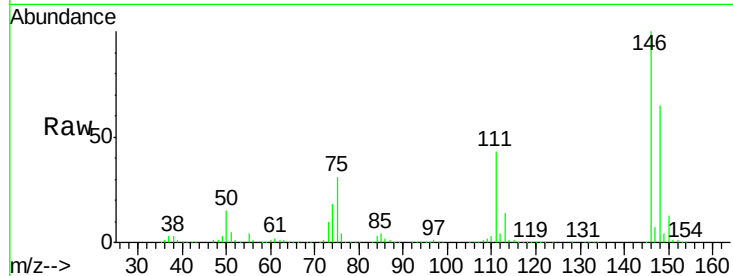
#13
1,4-Dichlorobenzene
Concen: 41.44 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	43.4	24.9	37.3

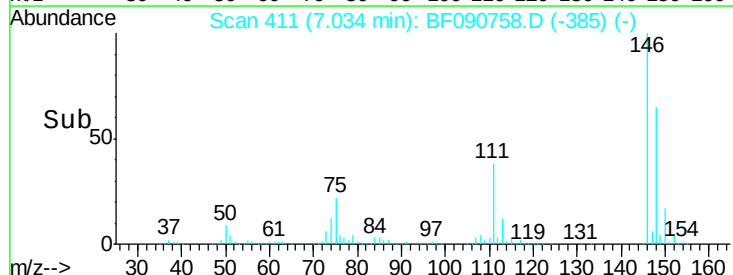
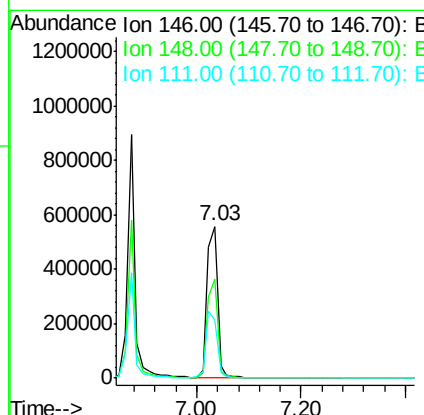
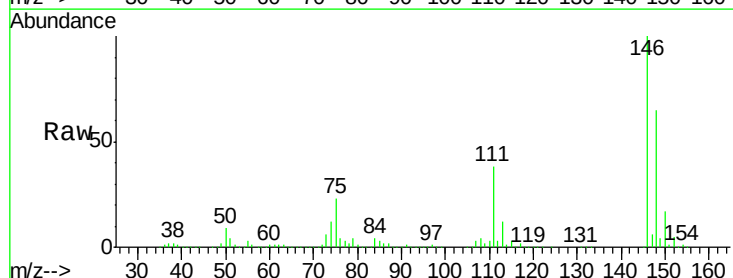
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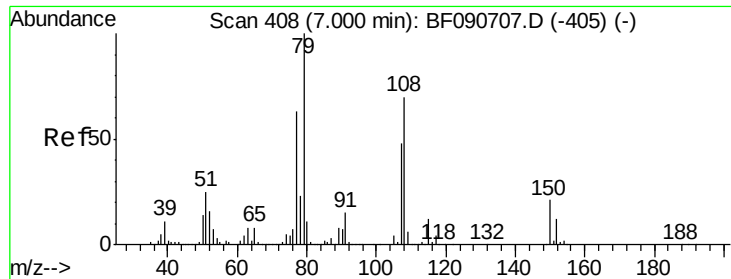
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#14
1,2-Dichlorobenzene
Concen: 37.94 ng
RT: 7.03 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.7	79.1
111	38.2	28.8	43.2





#15

Benzyl Alcohol

Concen: 27.35 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

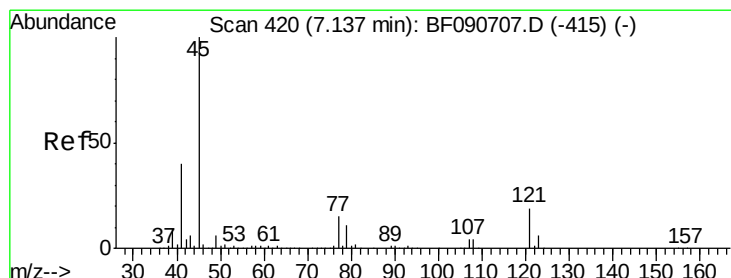
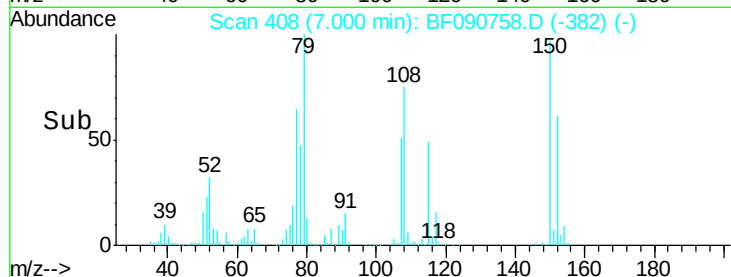
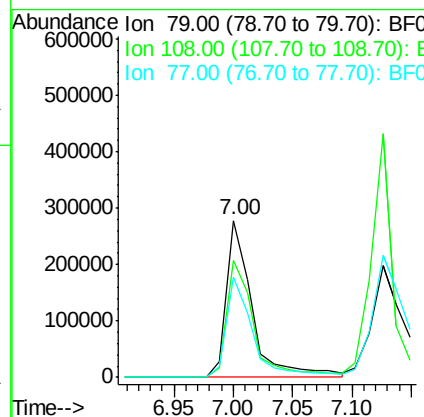
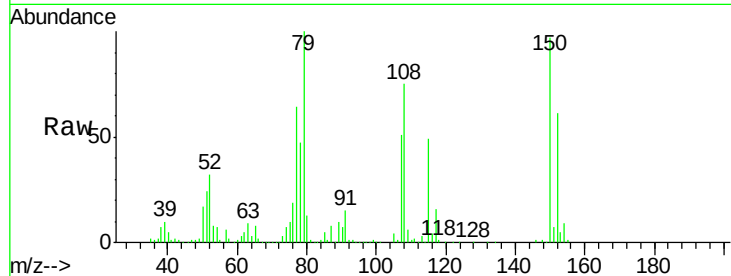
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		419850		
108	74.8	88.6	132.8#		
77	64.4	47.0	70.4		

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.56 ng

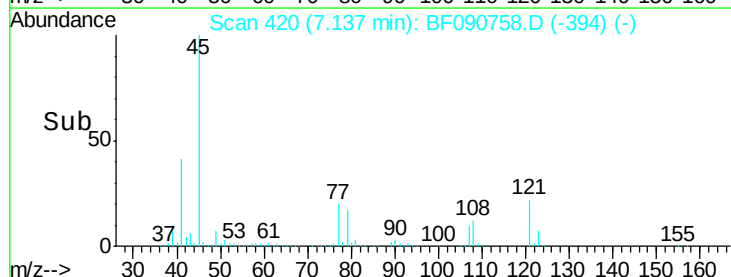
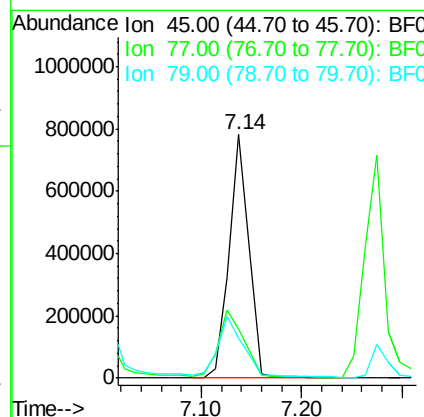
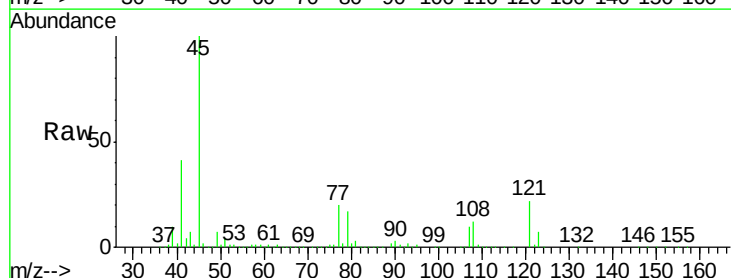
RT: 7.14 min Scan# 420

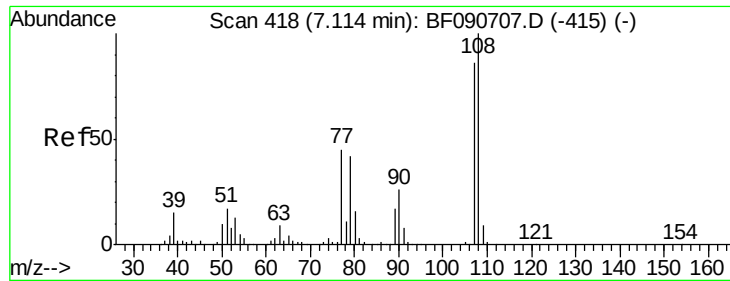
Delta R.T. 0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100		1072842		
77	20.2	0.0	28.1		
79	16.7	0.0	26.0		





#17

2-Methylphenol

Concen: 31.37 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:107 Resp: 473451
Ion Ratio Lower Upper

107 100

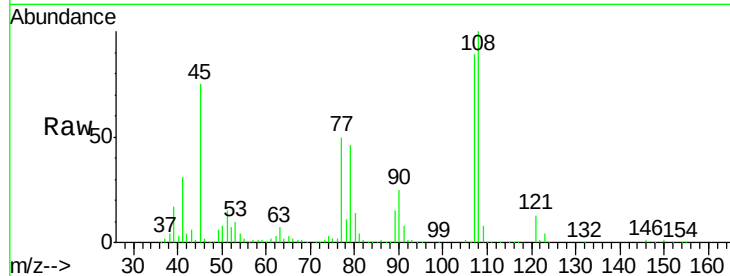
108 112.3 96.6 145.0

77 56.5 23.3 34.9#

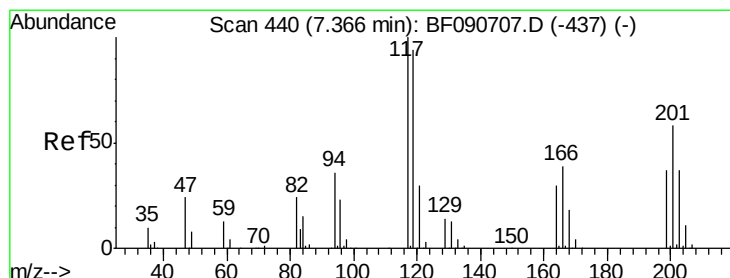
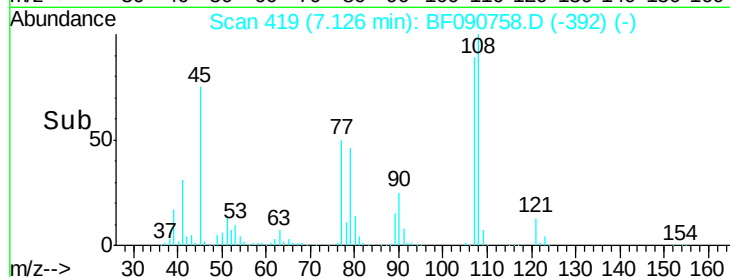
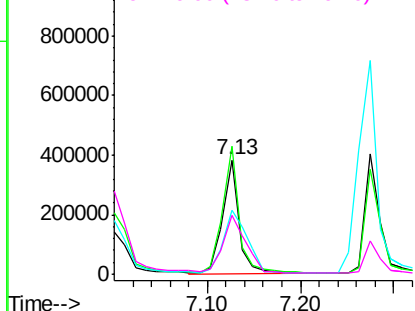
79 51.4 22.0 33.0#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.22 ng

RT: 7.37 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF090758.D

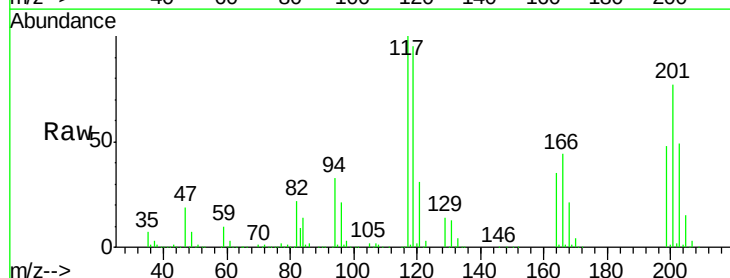
Acq: 22 Oct 2016 13:21

Tgt Ion:117 Resp: 313721
Ion Ratio Lower Upper

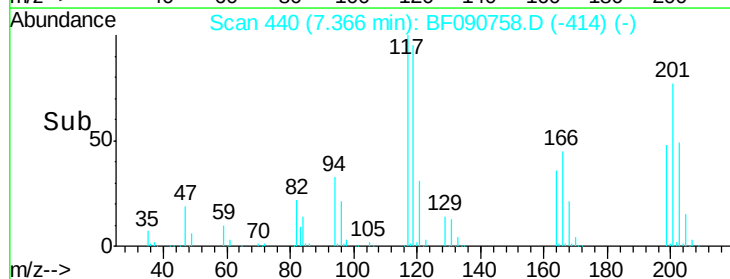
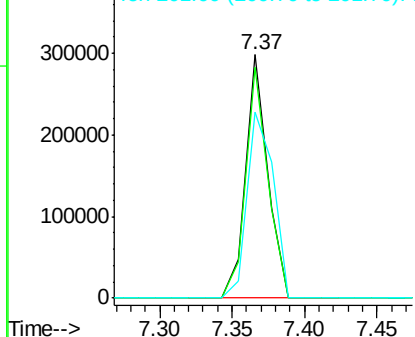
117 100

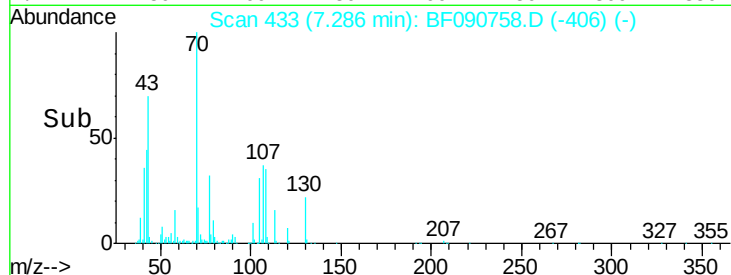
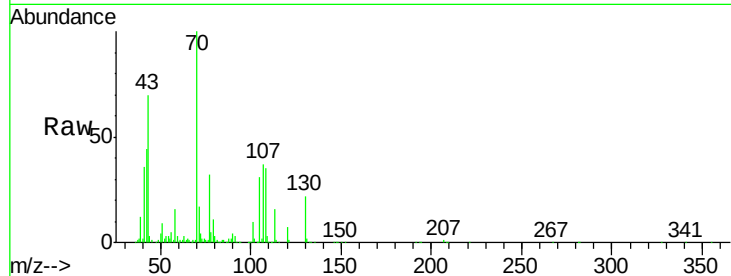
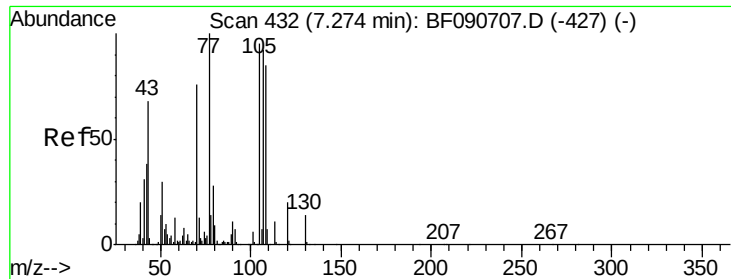
119 95.0 83.8 125.6

201 76.7 55.1 82.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





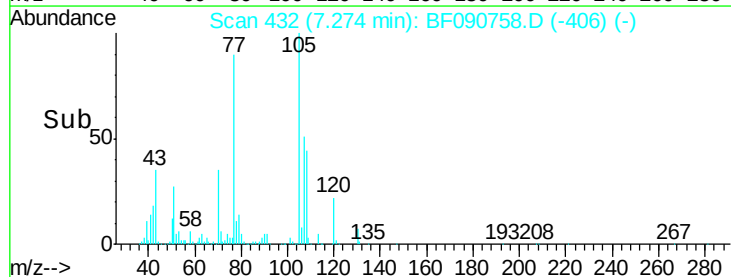
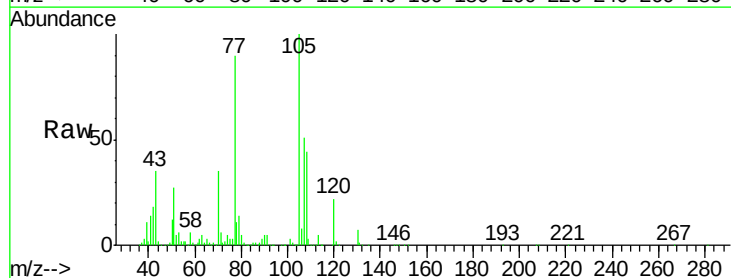
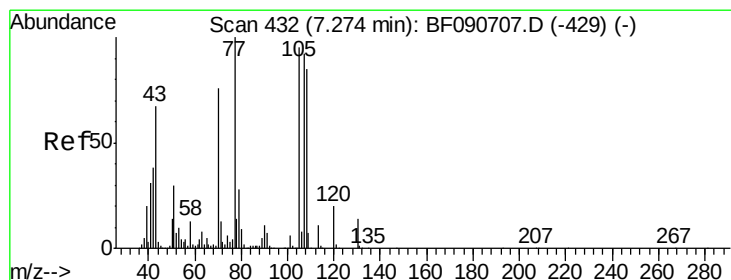
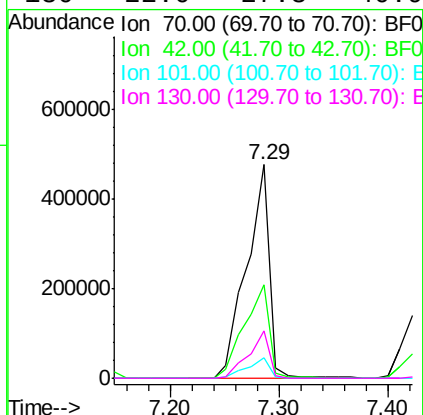
#19
n-Nitroso-di-n-propylamine
Concen: 41.29 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.0	63.8	95.6#
101	9.7	9.2	13.8
130	22.0	27.3	40.9#

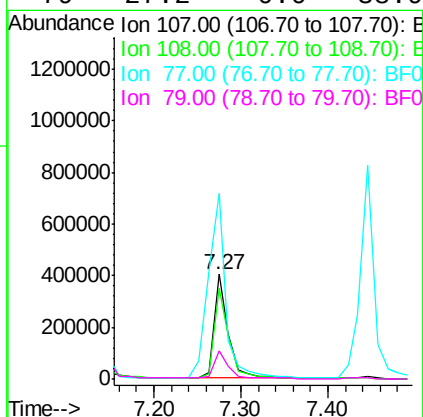
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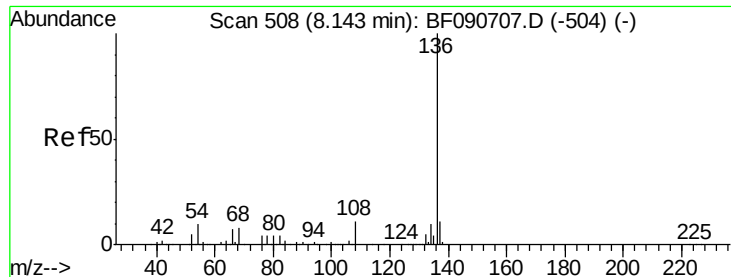
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#20
3+4-Methylphenols
Concen: 25.68 ng
RT: 7.27 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	74.6	114.6
77	177.4	0.7	40.7#
79	27.2	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:136 Resp: 1101849

Ion Ratio Lower Upper

136 100

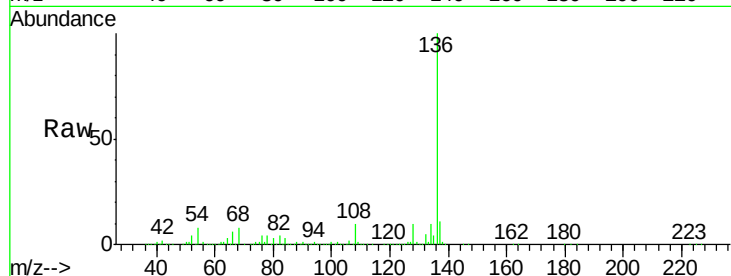
137 11.3 9.0 13.6

54 8.4 8.2 12.2

68 7.5 5.8 8.6

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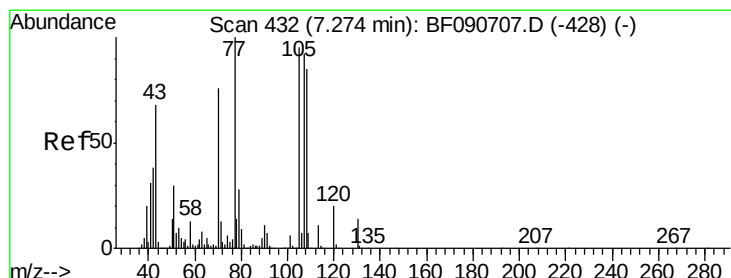
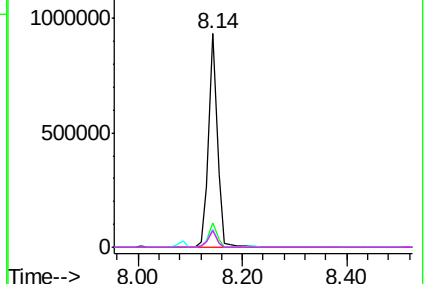
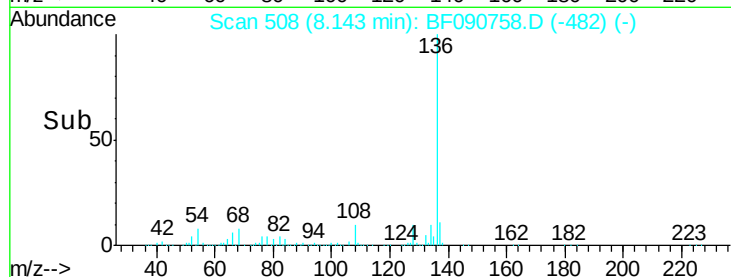


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.10 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:105 Resp: 1156428

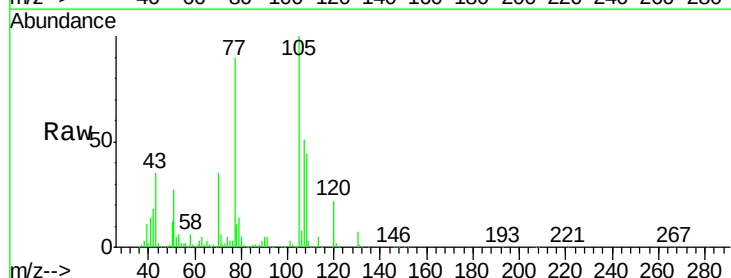
Ion Ratio Lower Upper

105 100

71 5.8 4.7 7.1

51 26.9 22.0 33.0

120 22.4 30.1 45.1#

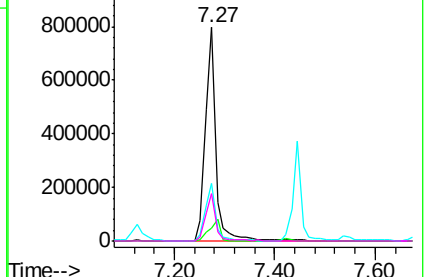
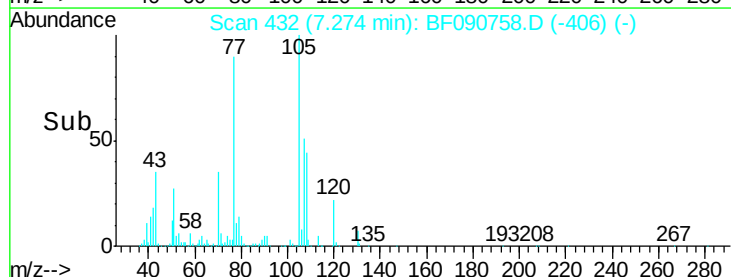


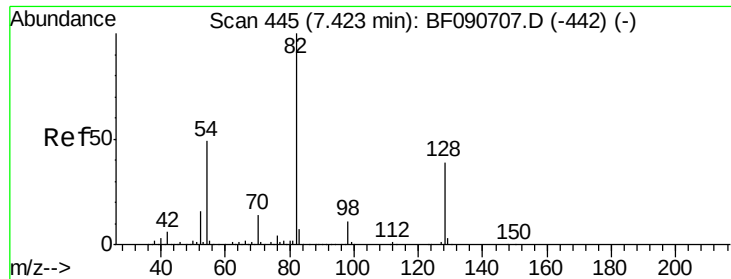
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.01 ng

RT: 7.42 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion: 82 Resp: 1768102

Ion Ratio Lower Upper

82 100

128 43.5 51.0 76.6#

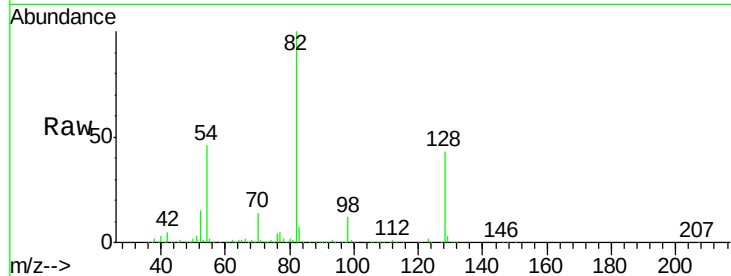
54 46.2 47.5 71.3#

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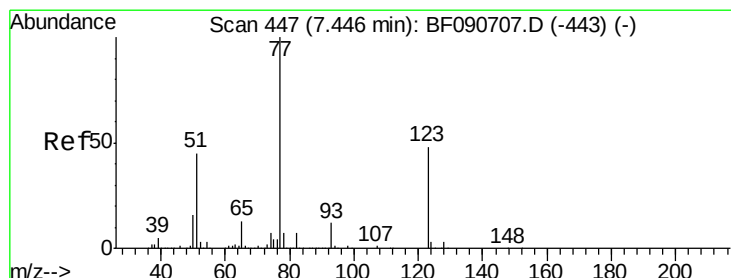
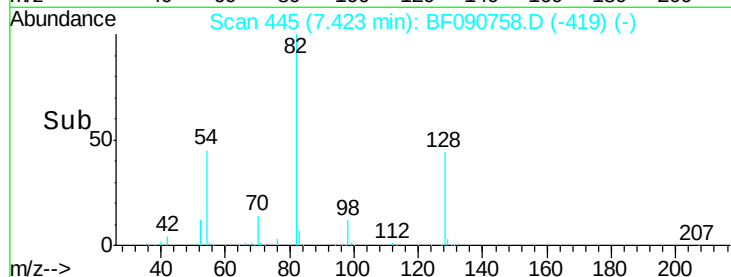
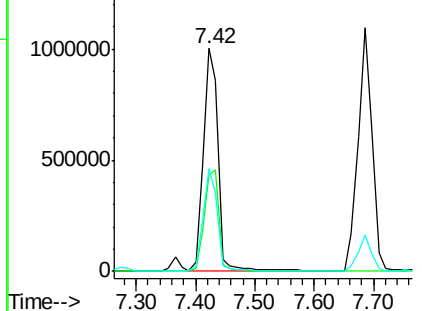
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.62 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

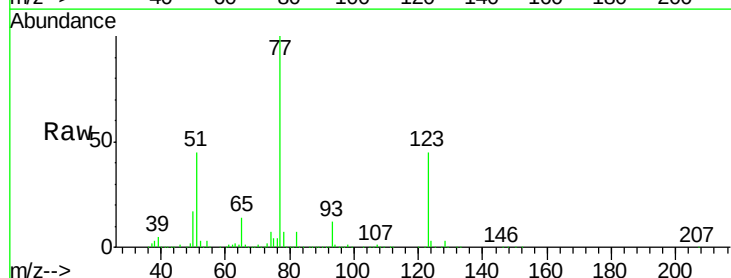
Tgt Ion: 77 Resp: 906406

Ion Ratio Lower Upper

77 100

123 45.5 59.8 89.8#

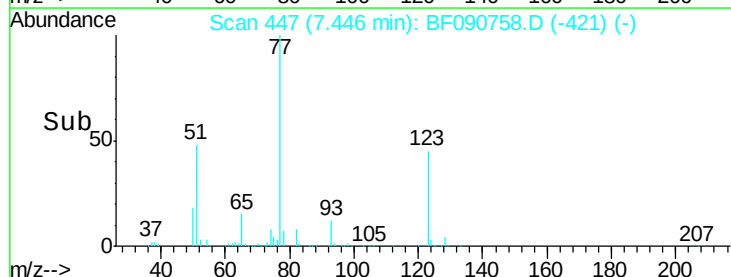
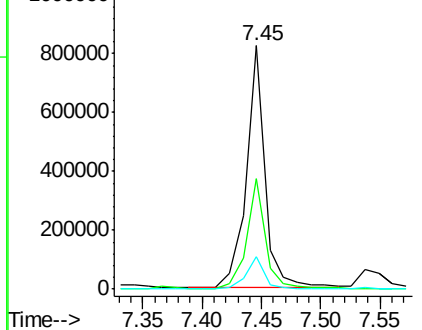
65 13.5 10.2 15.4

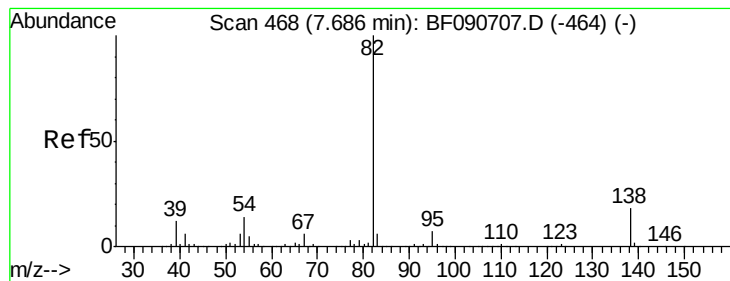


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.03 ng

RT: 7.69 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion: 82 Resp: 1788585

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

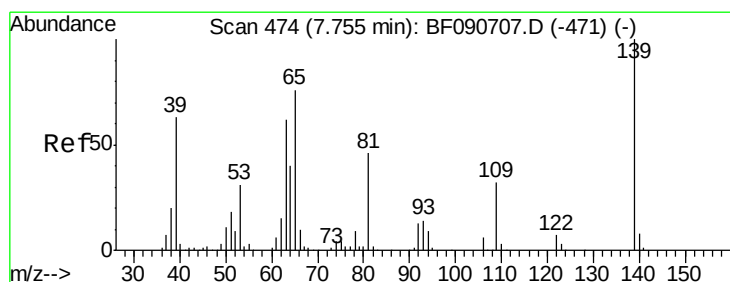
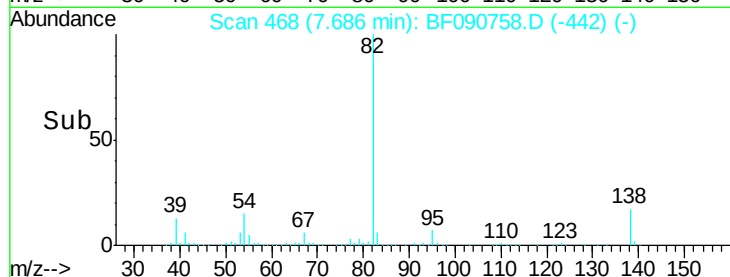
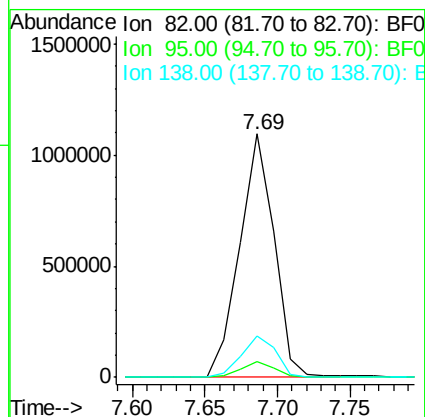
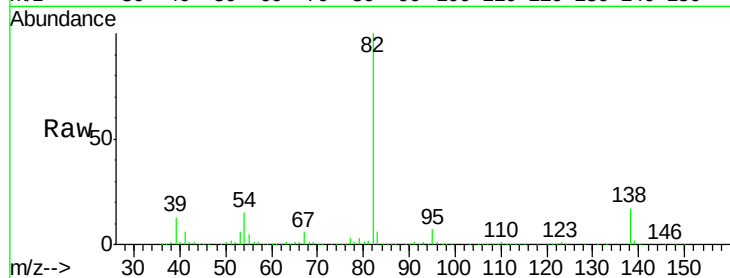
138 16.9 18.3 27.5#

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#26

2-Nitrophenol

Concen: 51.91 ng

RT: 7.77 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

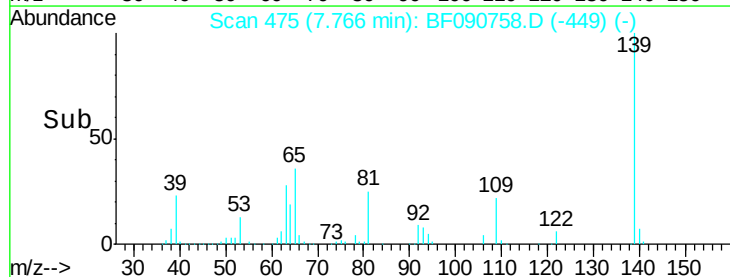
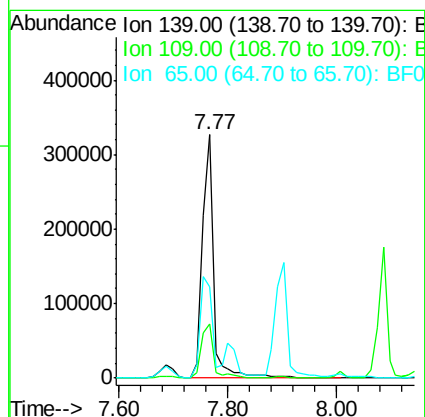
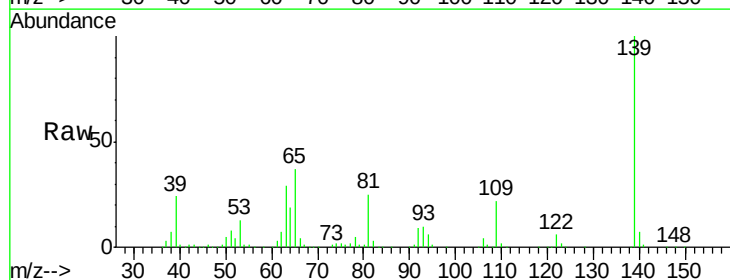
Tgt Ion: 139 Resp: 461867

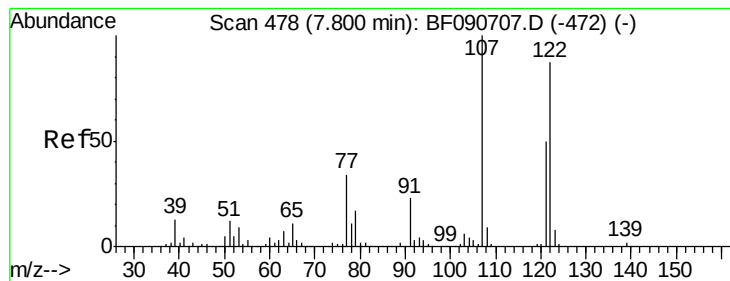
Ion Ratio Lower Upper

139 100

109 22.4 11.0 16.4#

65 37.4 24.7 37.1#





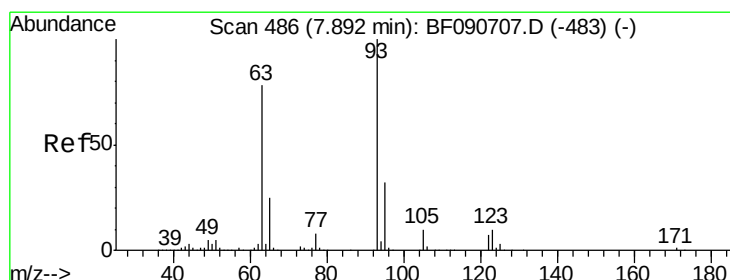
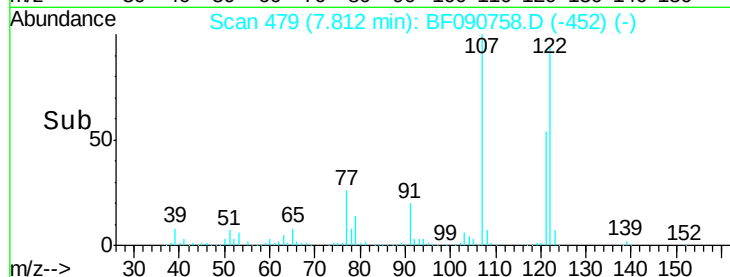
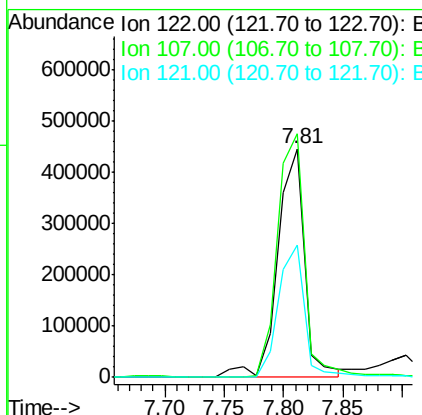
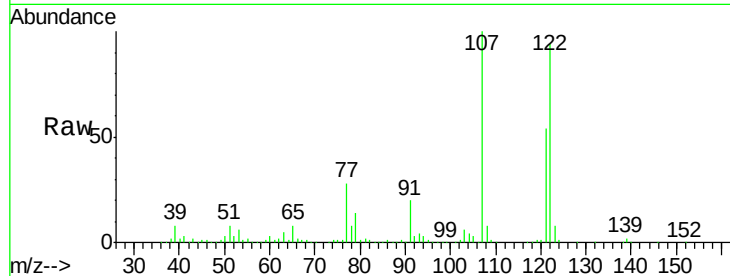
#27
 2,4-Dimethylphenol
 Concen: 43.95 ng
 RT: 7.81 min Scan# 479
 Delta R.T. 0.01 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion:	122	Resp:	693288
Ion Ratio	Lower	Upper	
122	100		
107	106.5	71.8	107.6
121	57.6	42.3	63.5

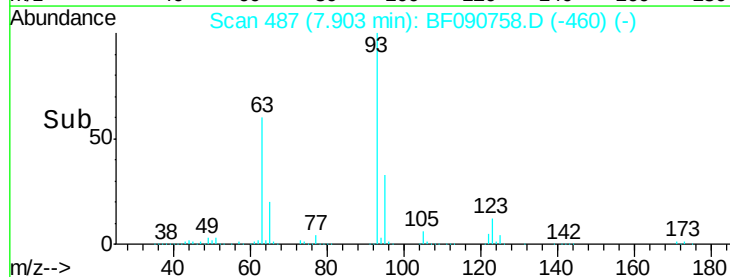
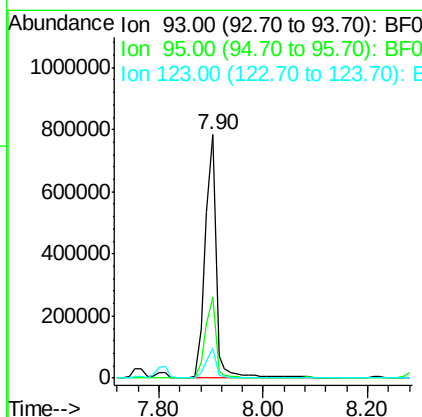
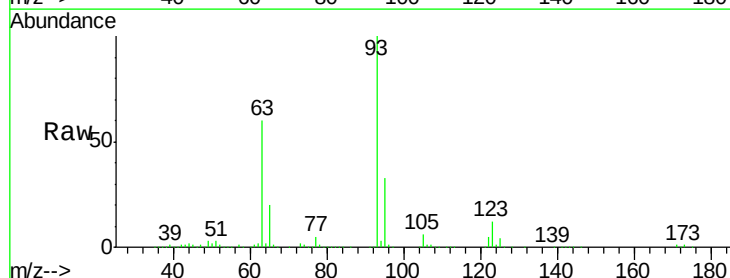
Manual Integrations
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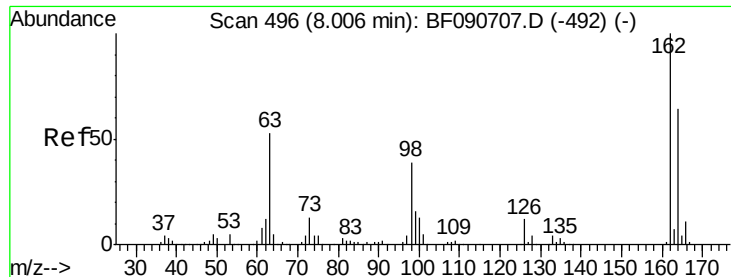
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#28
 bis(2-Chloroethoxy)methane
 Concen: 54.77 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Tgt Ion:	93	Resp:	1139441
Ion Ratio	Lower	Upper	
93	100		
95	33.4	27.5	41.3
123	12.4	13.7	20.5#





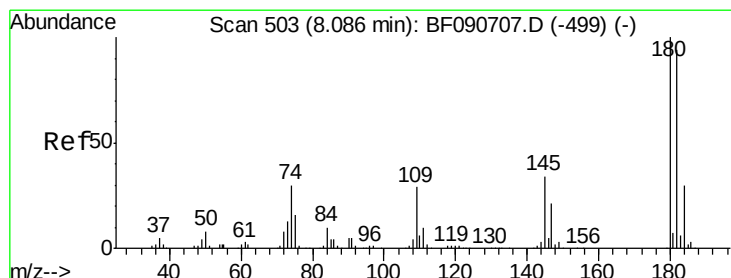
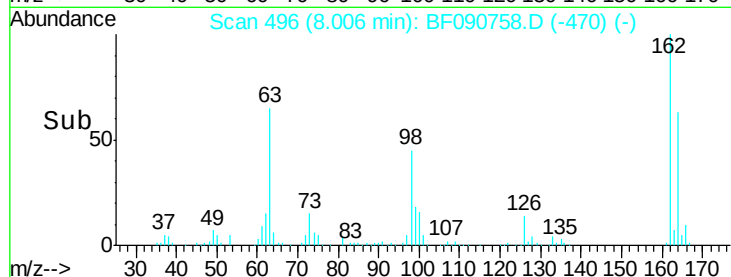
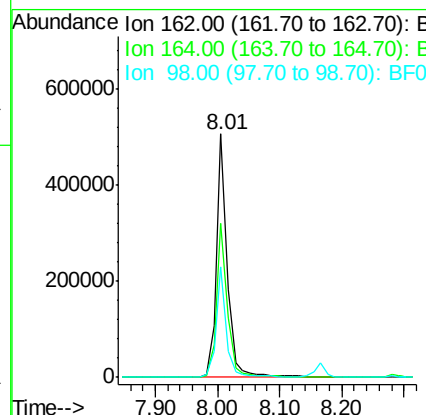
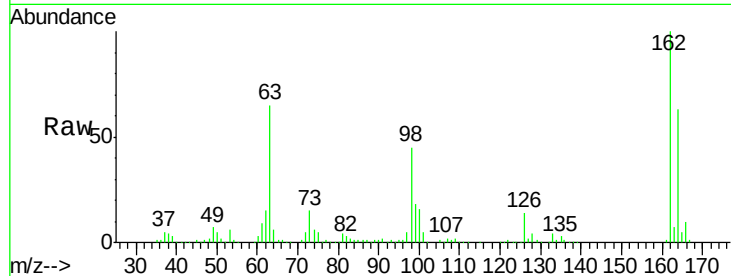
#29
2,4-Dichlorophenol
Concen: 47.44 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	614236		
164	63.3	44.9	84.9	
98	45.2	13.0	53.0	

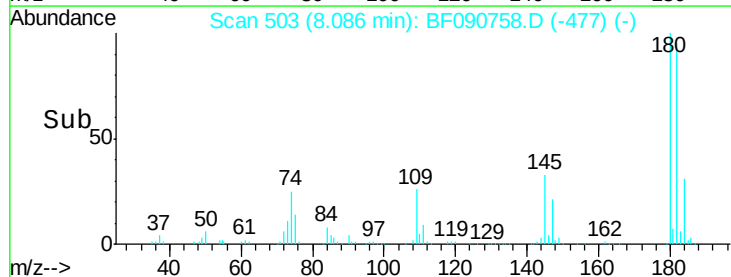
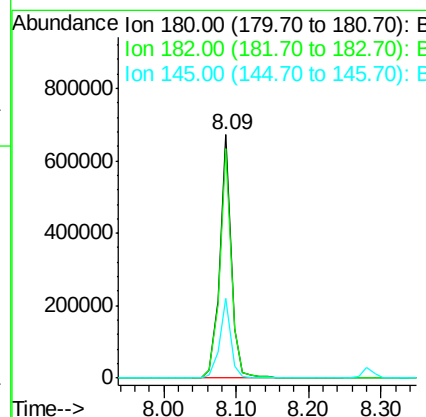
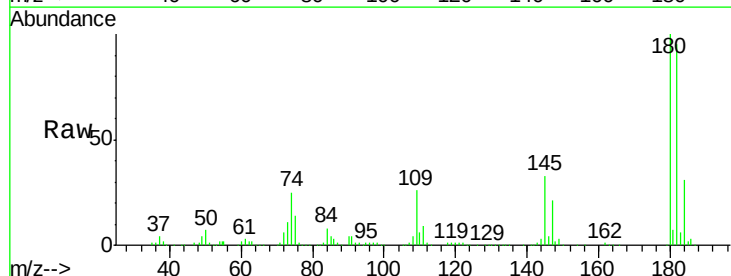
Manual Integrations
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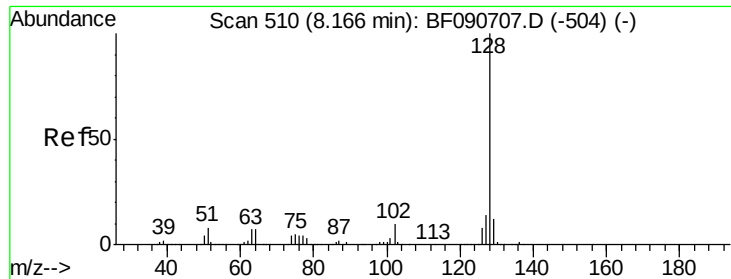
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#30
1,2,4-Trichlorobenzene
Concen: 48.86 ng
RT: 8.09 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	744543		
182	94.5	77.1	115.7	
145	32.9	23.3	34.9	





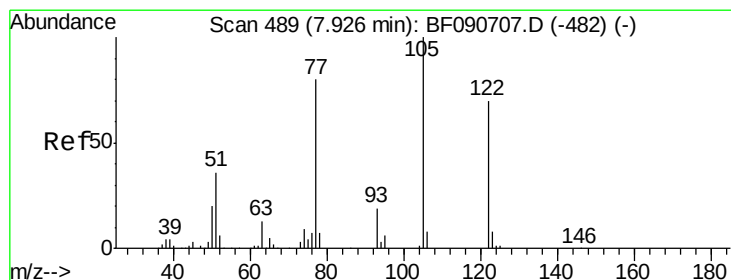
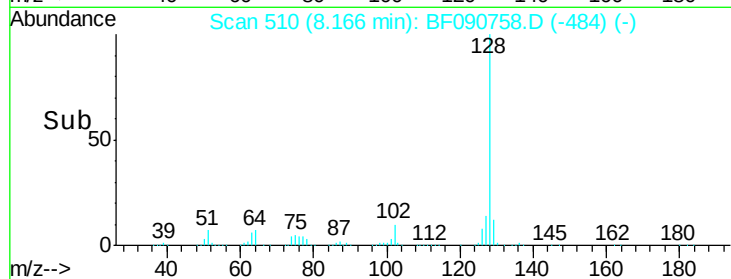
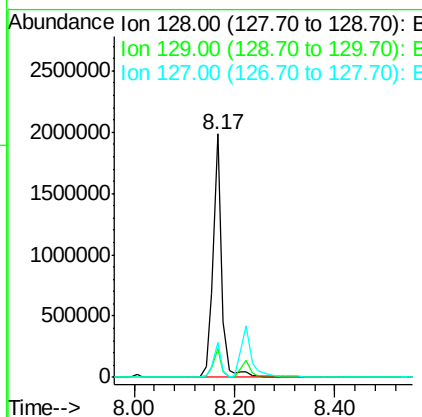
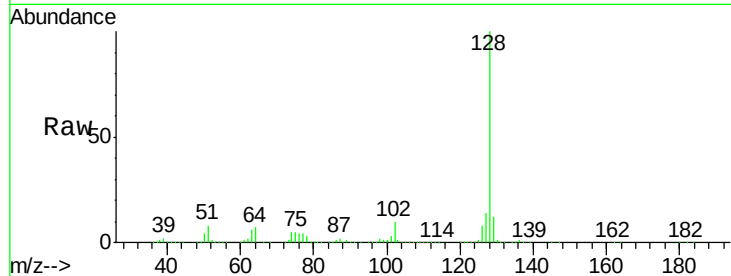
#31
Naphthalene
Concen: 43.87 ng
RT: 8.17 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.4	12.6
127	14.1	9.9	14.9

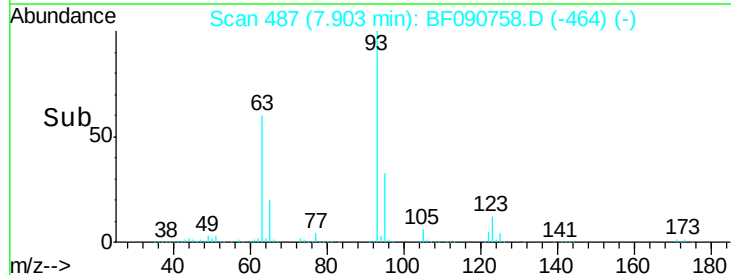
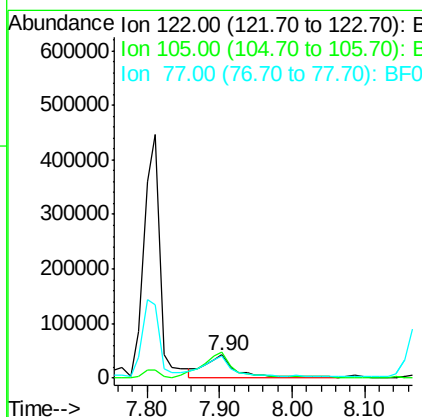
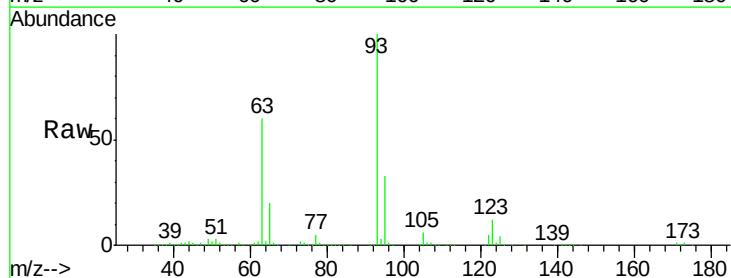
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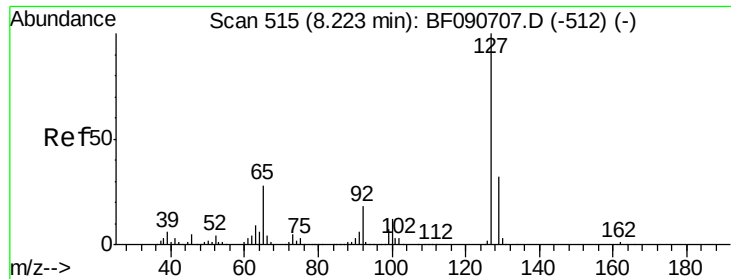
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#32
Benzoic acid
Concen: 16.46 ng
RT: 7.90 min Scan# 487
Delta R.T. -0.03 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.4	76.1	116.1
77	95.5	40.5	80.5#





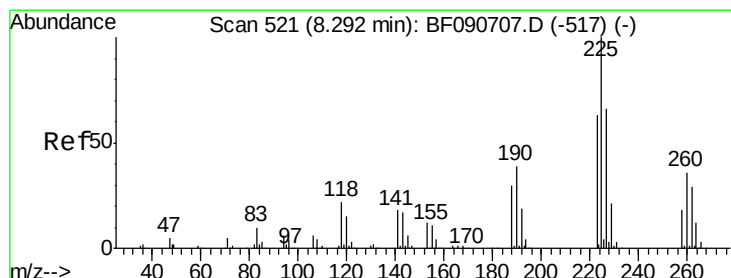
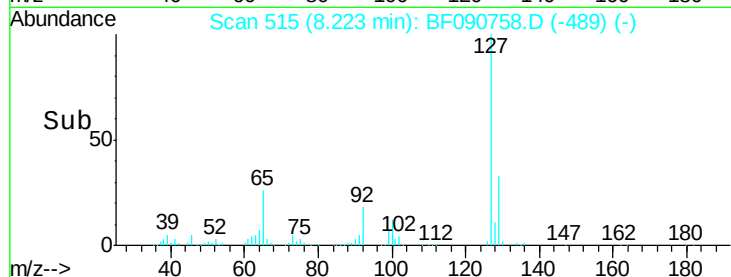
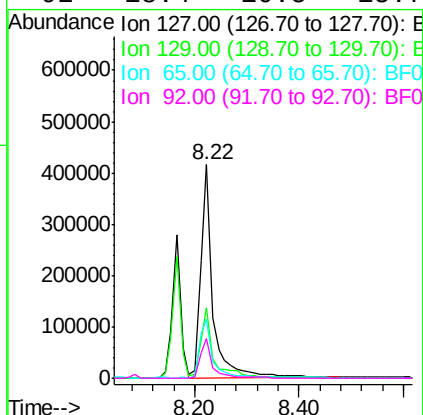
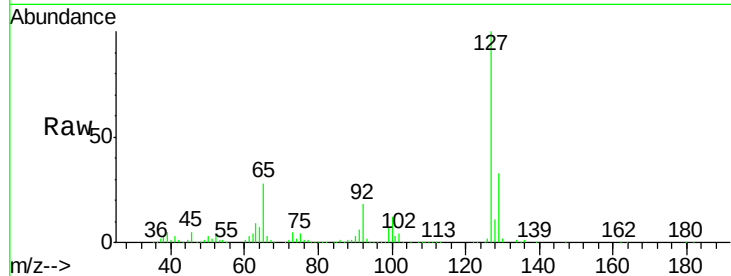
#33
4-Chloroaniline
Concen: 33.55 ng
RT: 8.22 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		670570		
129	32.8	25.8	38.6		
65	27.6	17.9	26.9		
92	18.4	10.5	15.7		

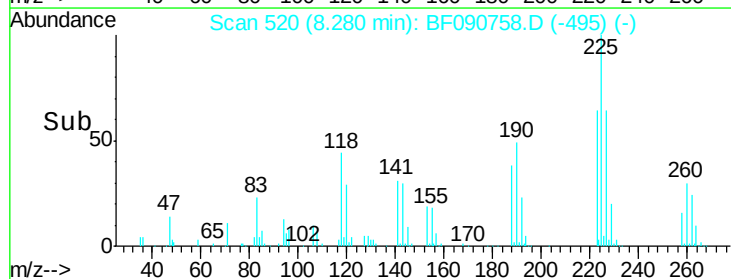
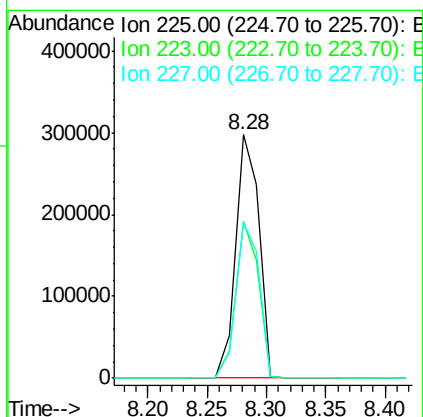
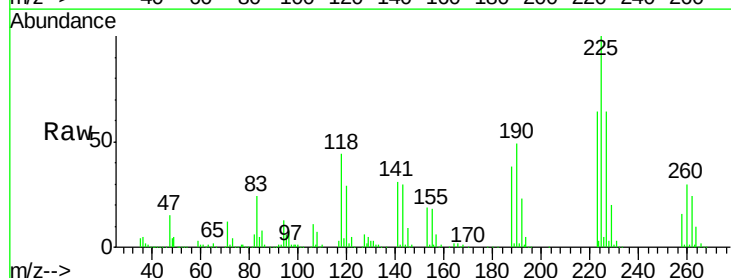
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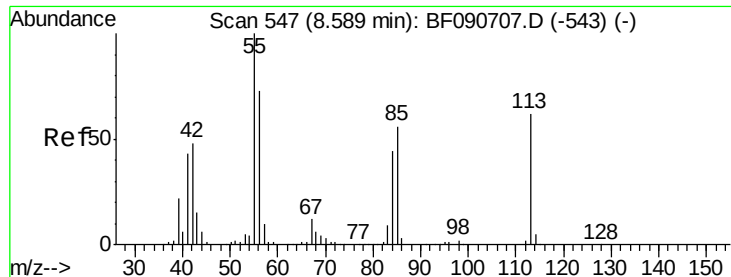
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#34
Hexachlorobutadiene
Concen: 47.30 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		405188		
223	64.4	50.2	75.2		
227	64.0	52.2	78.2		





#35

Caprolactam

Concen: 8.30 ng

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

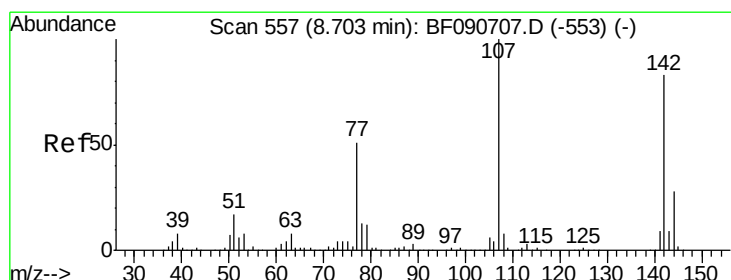
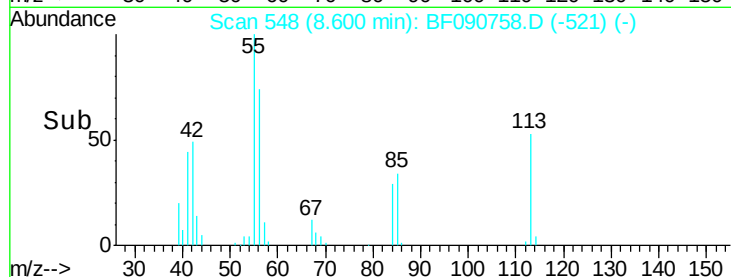
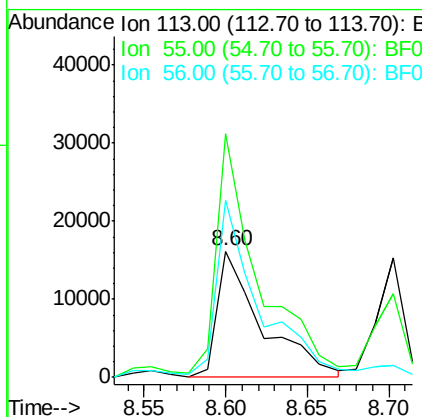
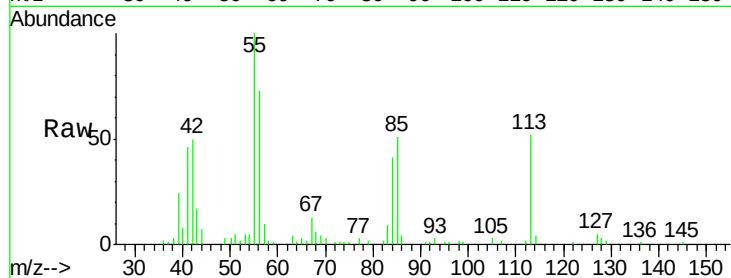
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	192.6	152.4	192.4#		
56	140.0	104.6	144.6		

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#36

4-Chloro-3-methylphenol

Concen: 42.95 ng

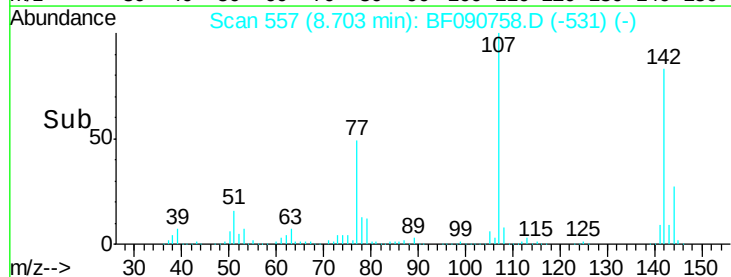
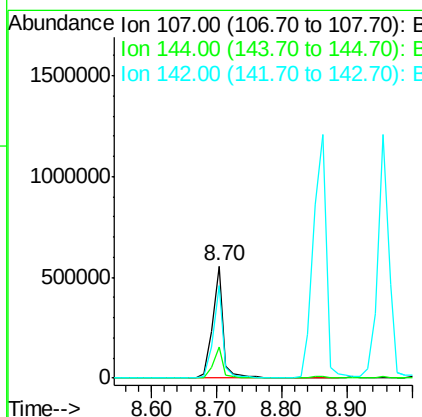
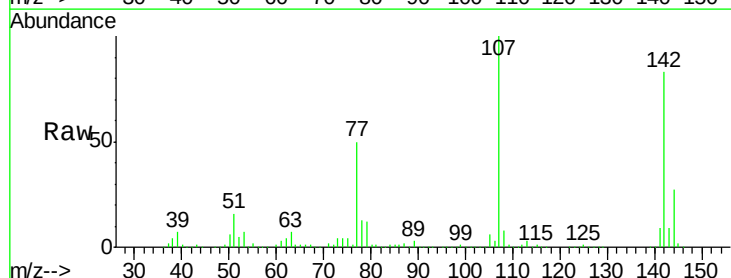
RT: 8.70 min Scan# 557

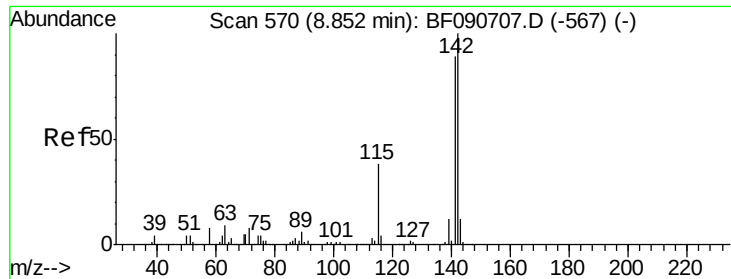
Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.4	25.4	38.0		
142	82.9	77.3	115.9		





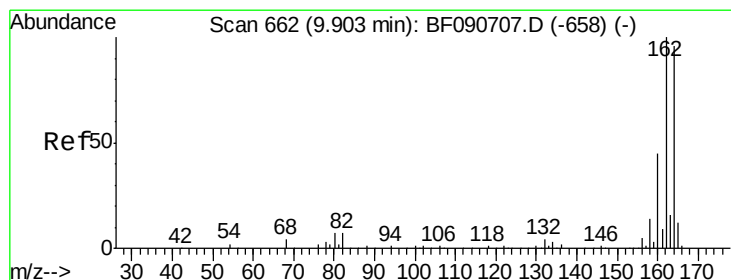
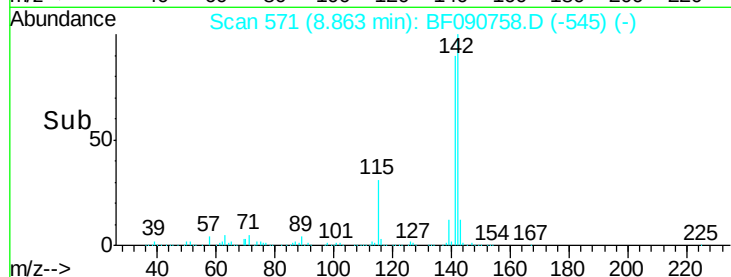
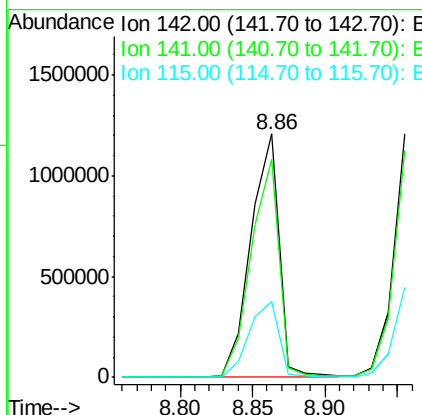
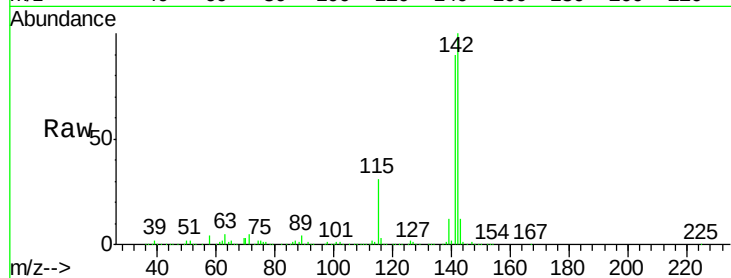
#37
2-Methylnaphthalene
Concen: 51.67 ng
RT: 8.86 min Scan# 571
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:142 Resp: 1627488
Ion Ratio Lower Upper
142 100
141 89.9 67.5 101.3
115 31.2 18.2 27.2#

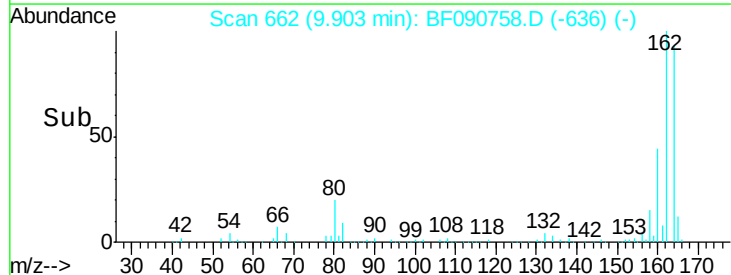
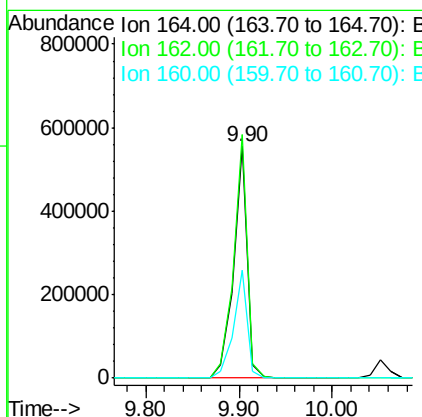
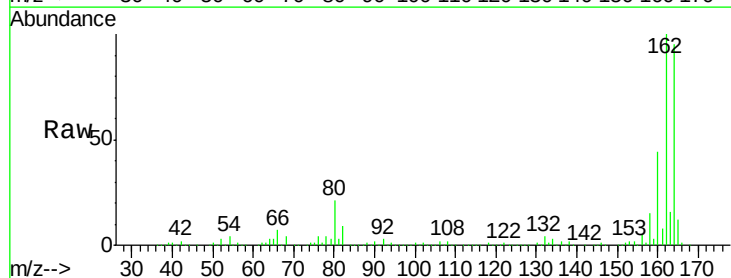
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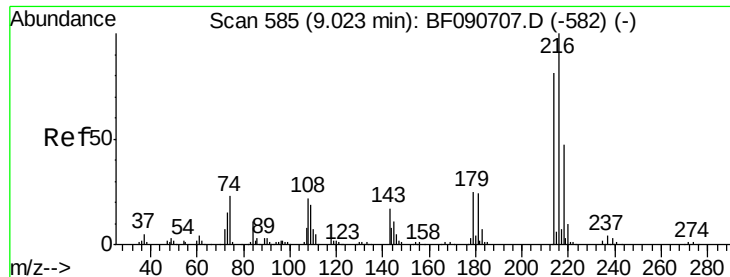
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion:164 Resp: 576517
Ion Ratio Lower Upper
164 100
162 105.0 75.2 112.8
160 46.4 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.06 ng

RT: 9.02 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

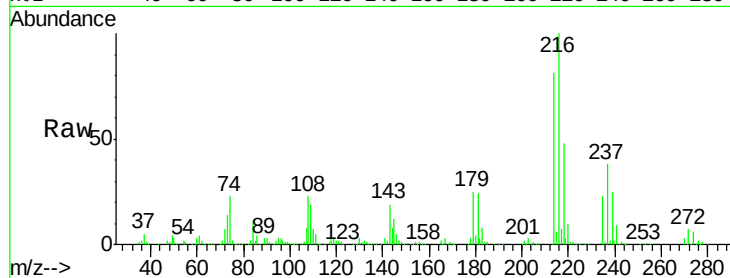
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		685839		
214	79.4		63.5	95.3	
179	22.6		16.6	24.8	
108	21.0		16.3	24.5	

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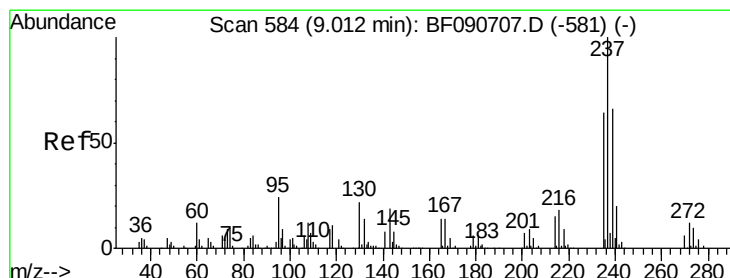
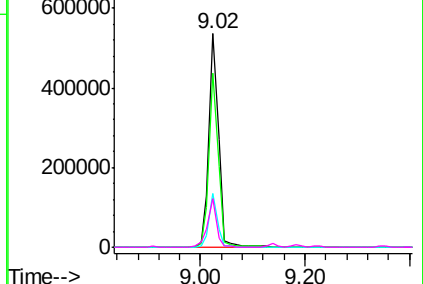
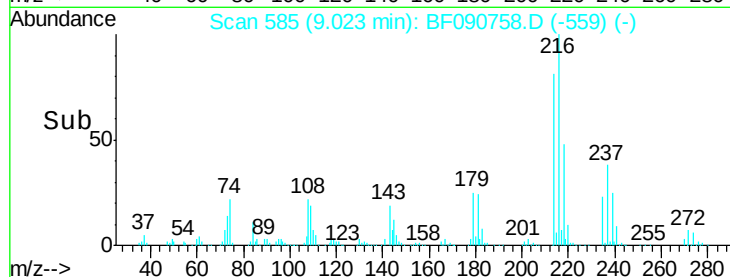


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.54 ng

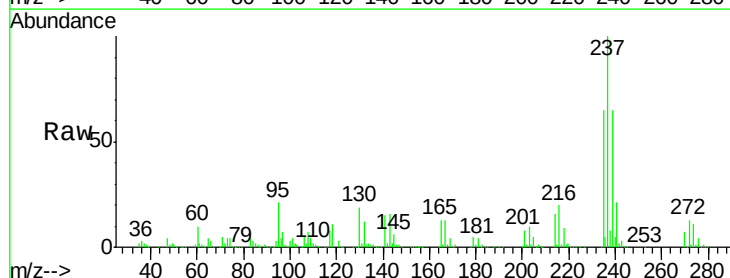
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

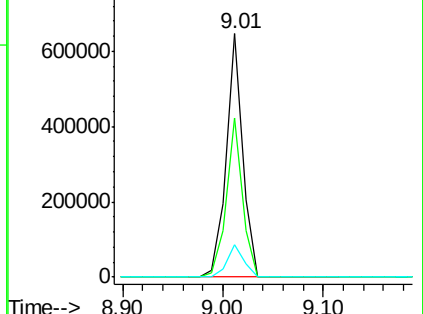
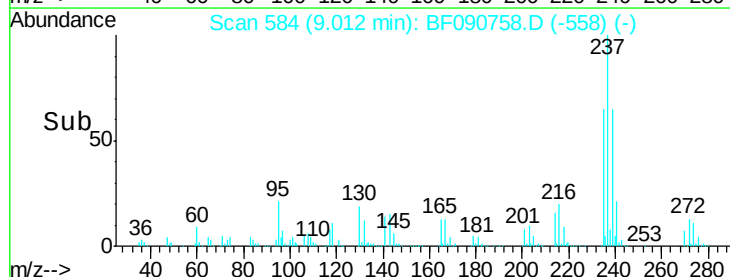
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		734795		
235	65.5		42.0	82.0	
272	13.2		0.0	36.1	

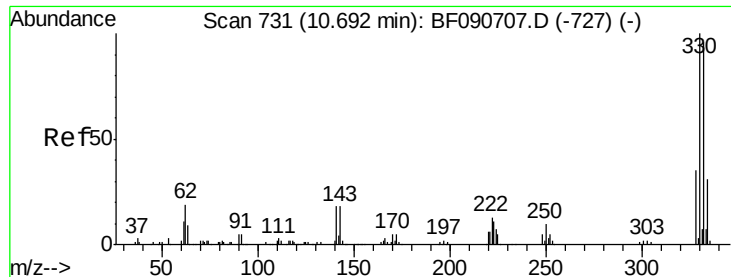


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





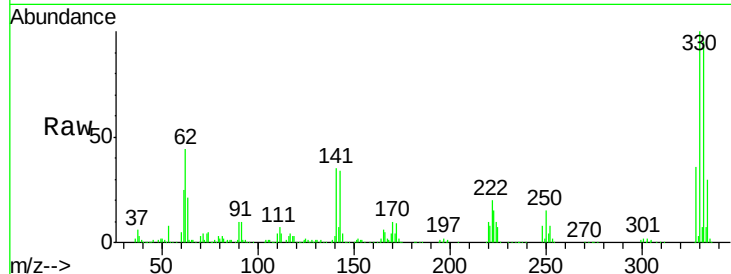
#41
 2,4,6-Tribromophenol
 Concen: 155.26 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

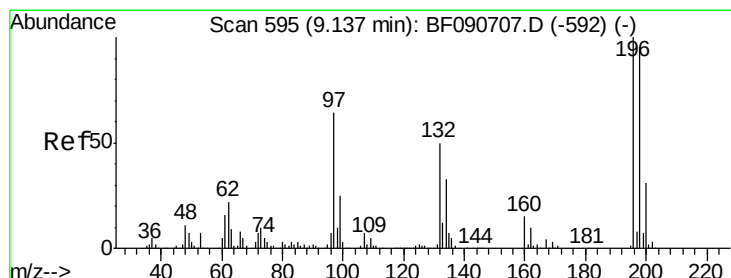
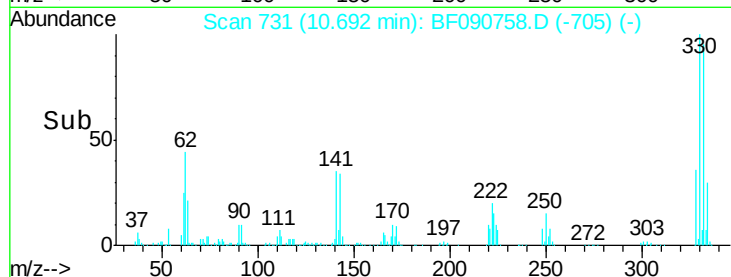
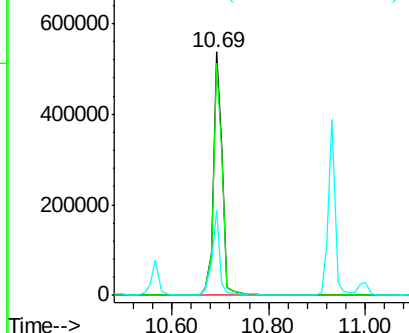
Tot Ion	Ratio	Resp	Lower	Upper
330	100	708478		
332	95.9	76.6	114.8	
141	29.6	29.7	44.5#	

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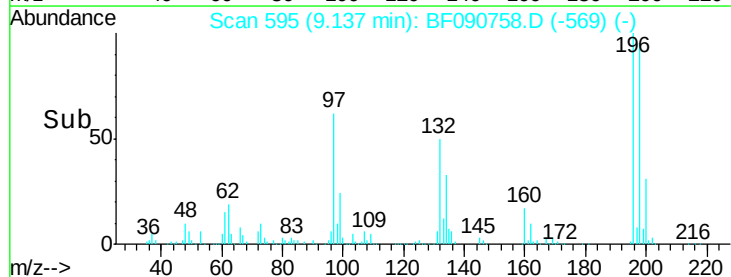
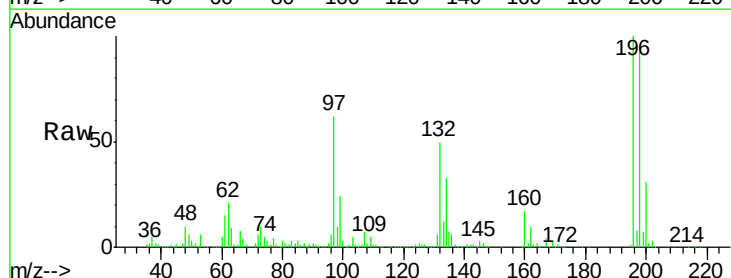
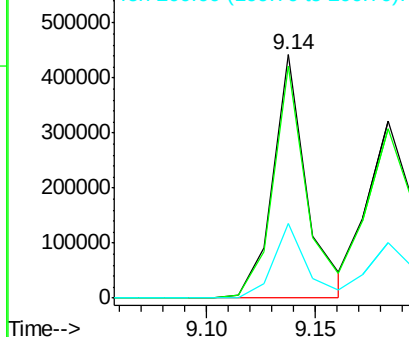
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

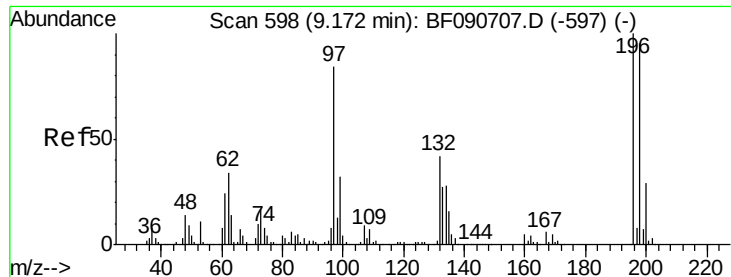


#42
 2,4,6-Trichlorophenol
 Concen: 49.63 ng
 RT: 9.14 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	479160		
198	95.4	75.7	113.5	
200	30.6	23.9	35.9	

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





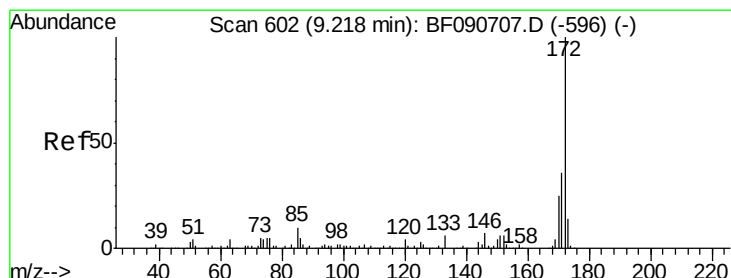
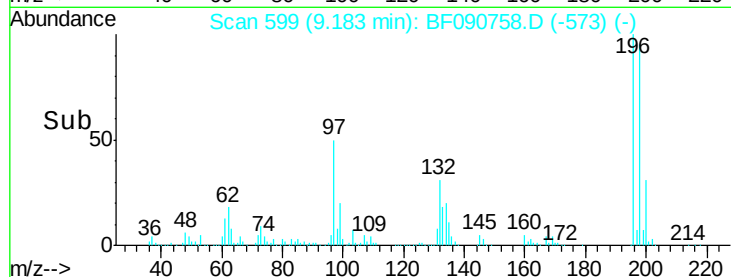
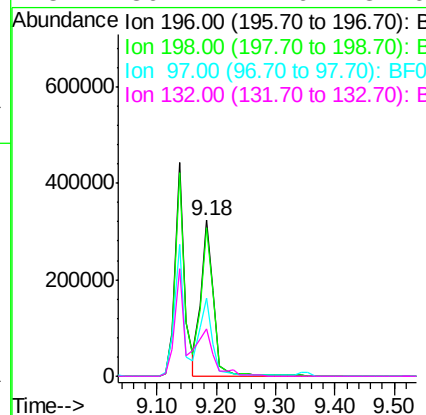
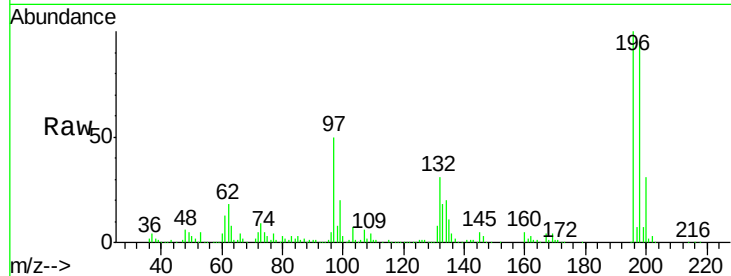
#43
 2,4,5-Trichlorophenol
 Concen: 49.53 ng
 RT: 9.18 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		485251		
198	95.4	75.4	113.0		
97	50.0	33.3	49.9		
132	30.7	24.6	37.0		

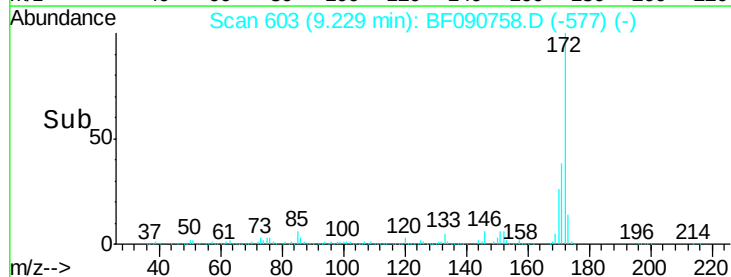
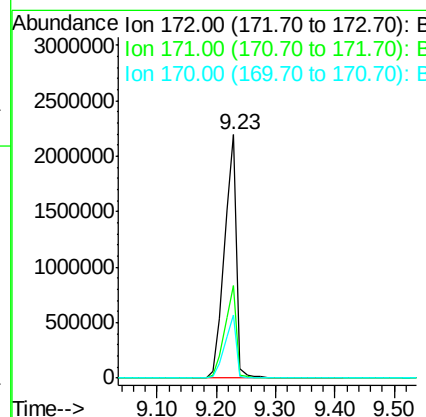
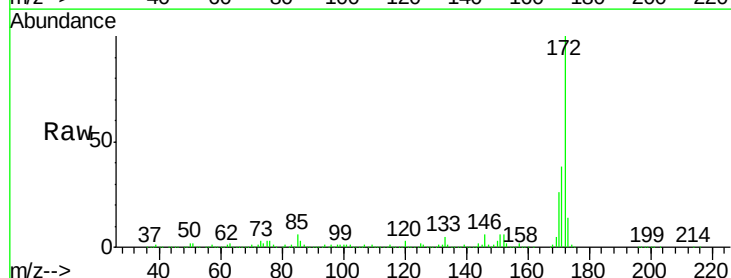
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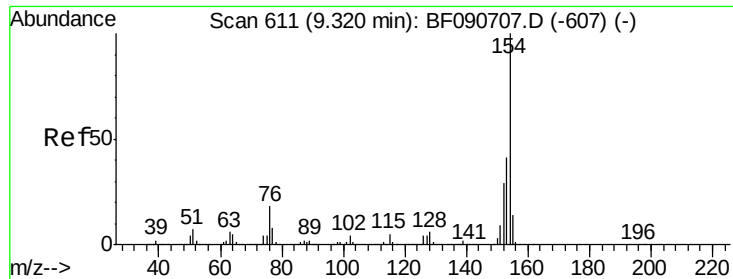
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#44
 2-Fluorobiphenyl
 Concen: 82.89 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3078253		
171	37.9	26.1	39.1		
170	25.8	17.4	26.2		





#45

1,1'-Biphenyl

Concen: 41.44 ng

RT: 9.32 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:154 Resp: 1876321

Ion Ratio Lower Upper

154 100

153 41.6 17.1 57.1

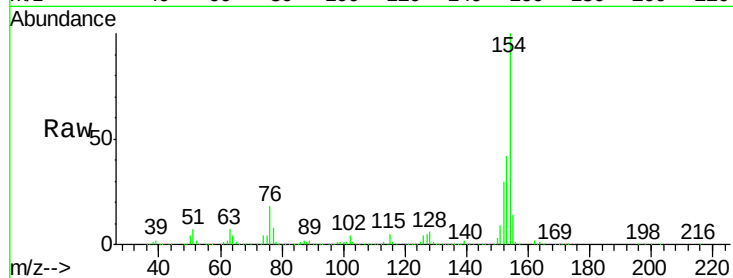
76 17.5 0.0 31.6

Manual Integrations

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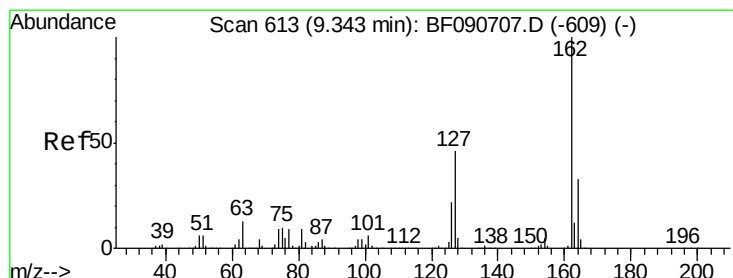
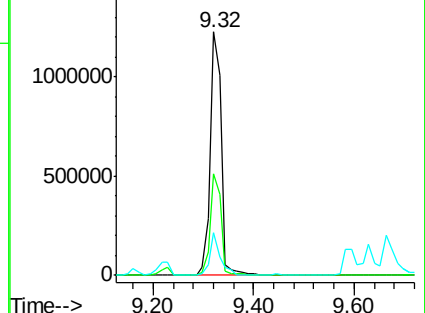
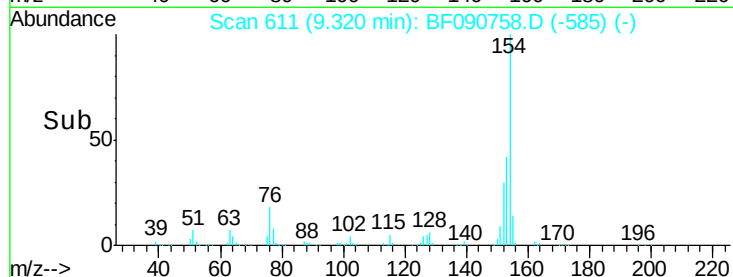
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 46.25 ng

RT: 9.35 min Scan# 614

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

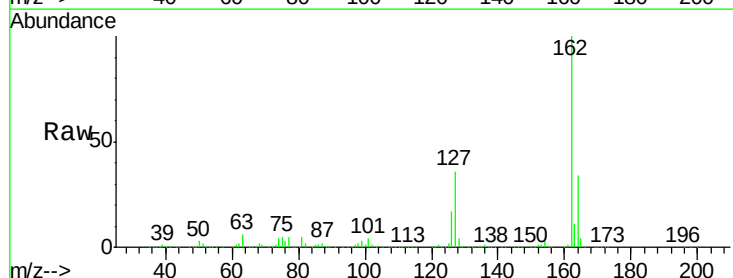
Tgt Ion:162 Resp: 1556288

Ion Ratio Lower Upper

162 100

127 36.2 27.6 41.4

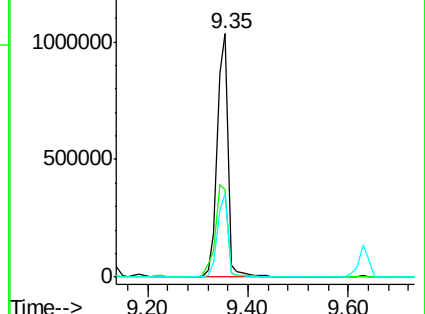
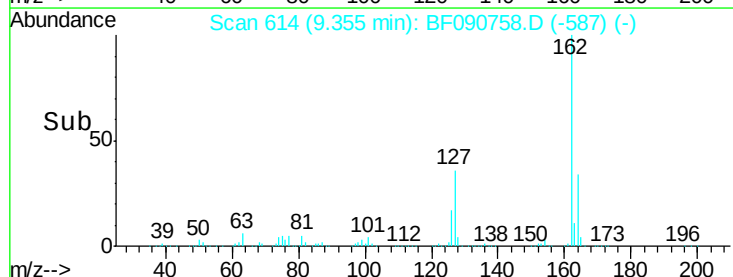
164 34.2 25.4 38.2

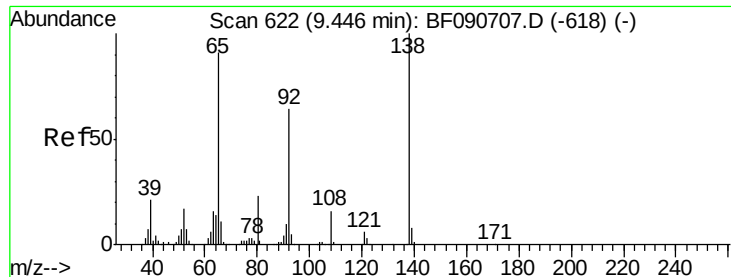


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





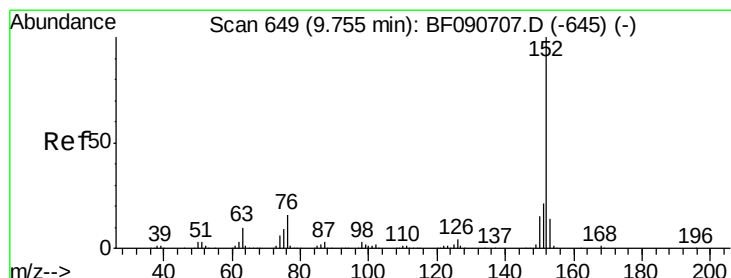
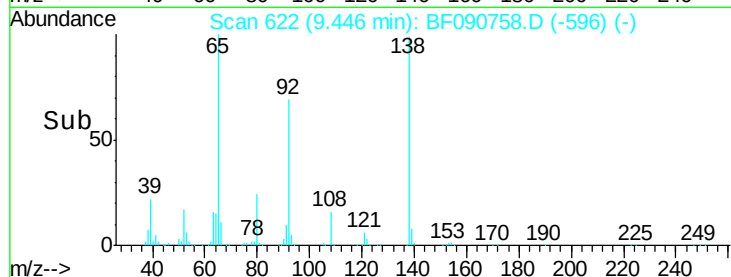
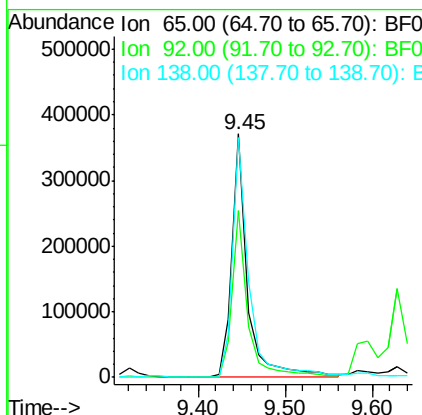
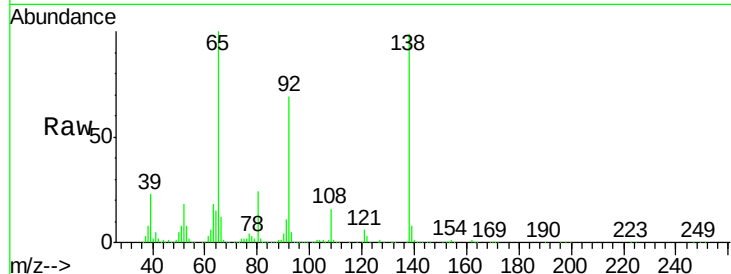
#47
2-Nitroaniline
Concen: 41.37 ng
RT: 9.45 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.6	55.4	83.0
138	98.6	115.5	173.3

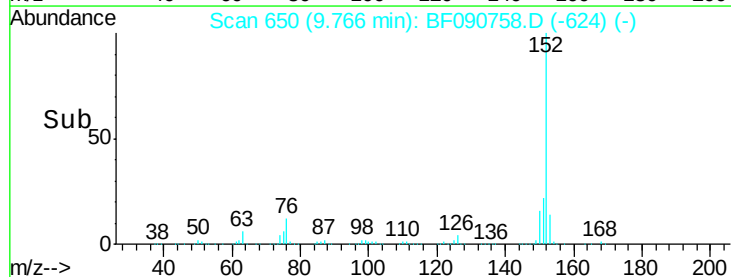
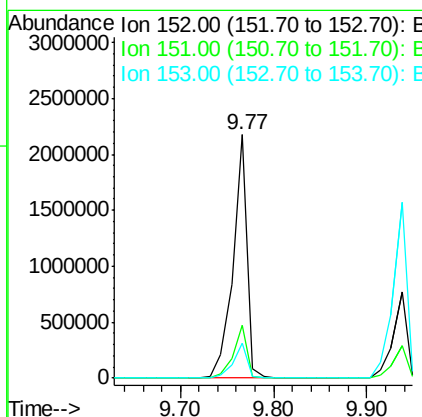
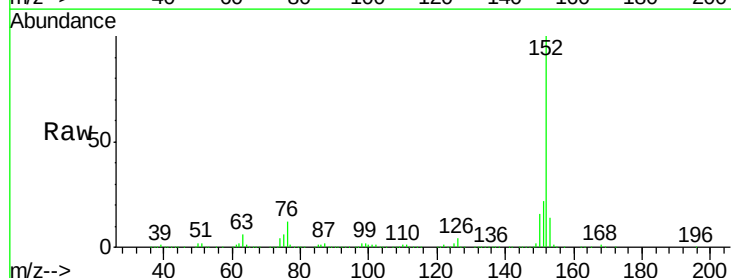
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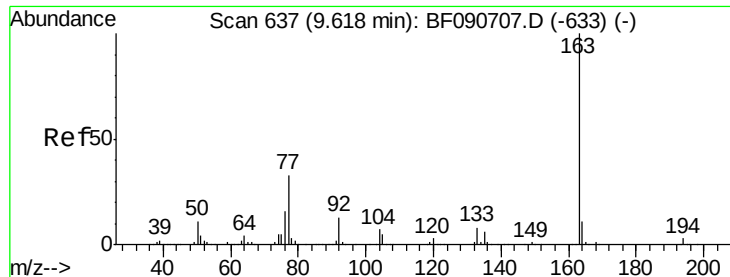
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#48
Acenaphthylene
Concen: 44.91 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.7	14.6	22.0
153	14.2	10.3	15.5





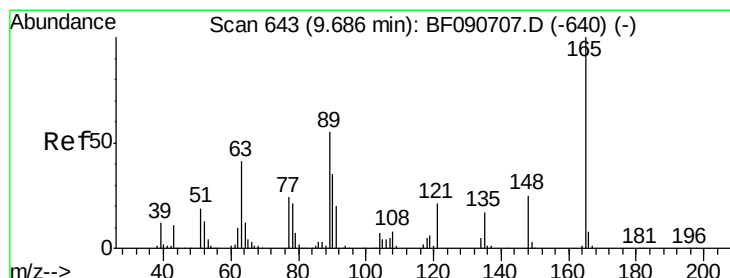
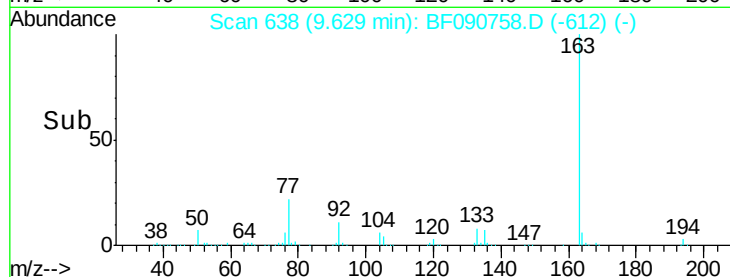
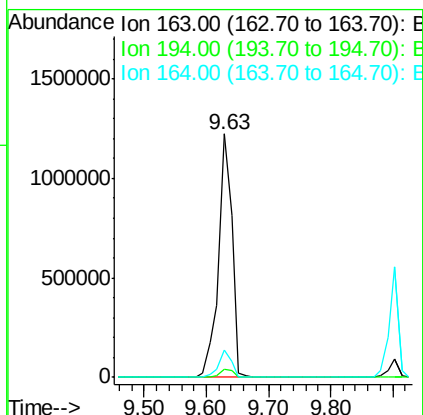
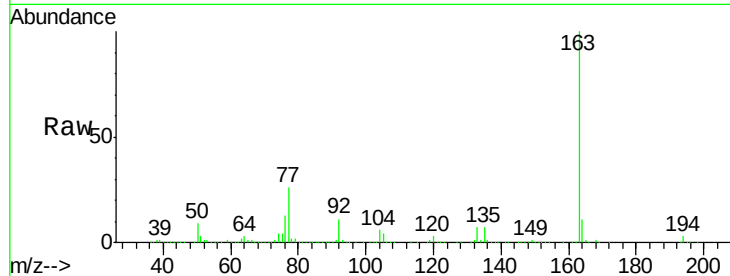
#49
Dimethylphthalate
Concen: 50.19 ng
RT: 9.63 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion:163 Resp: 1818394
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 11.1 8.3 12.5

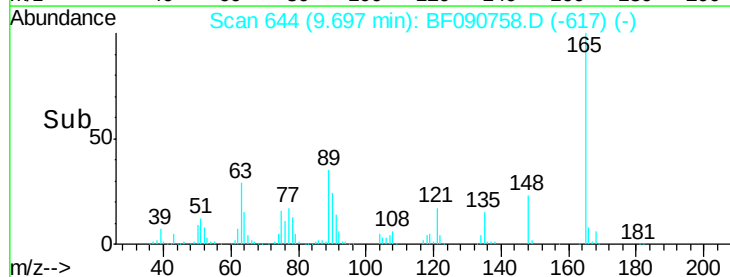
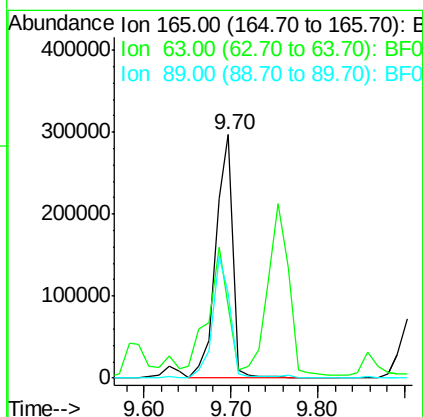
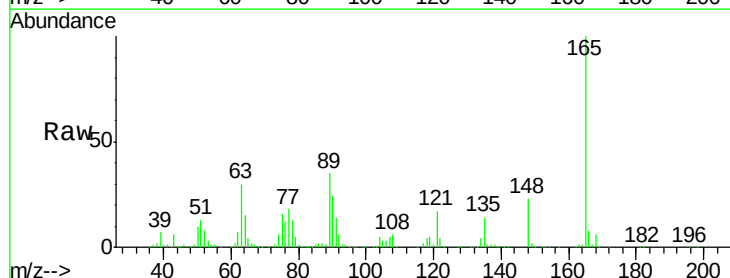
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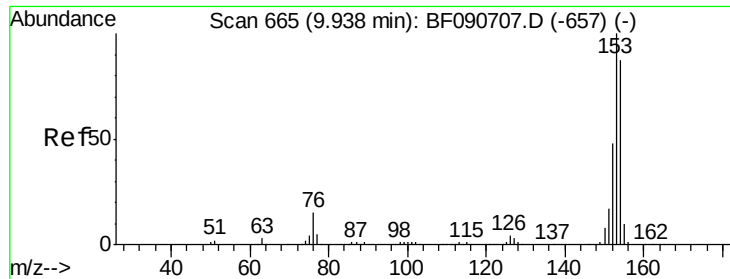
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#50
2,6-Dinitrotoluene
Concen: 52.45 ng
RT: 9.70 min Scan# 644
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion:165 Resp: 408641
Ion Ratio Lower Upper
165 100
63 29.8 32.3 48.5#
89 35.0 28.6 43.0





#51

Acenaphthene

Concen: 43.24 ng

RT: 9.94 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:154 Resp: 1474107

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

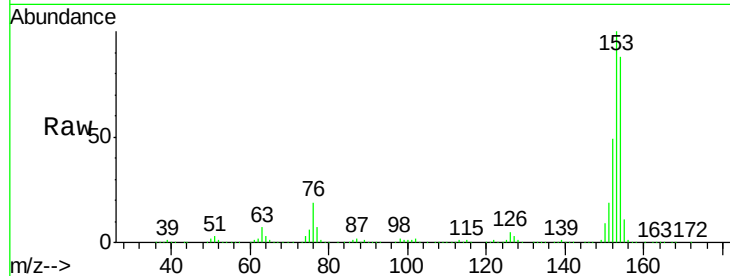
152 56.1 37.9 56.9

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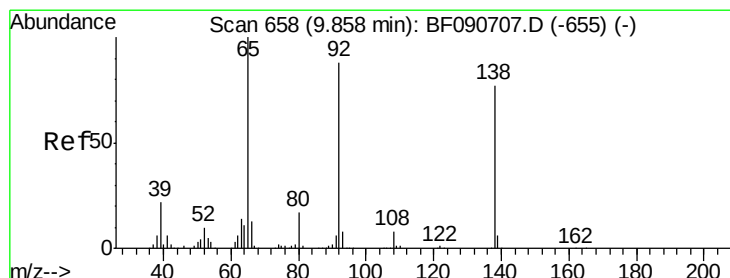
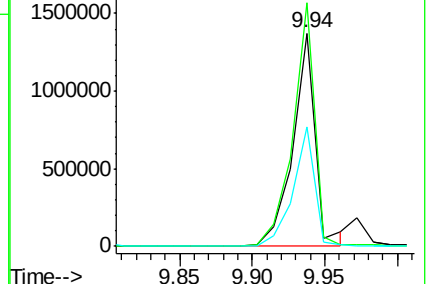
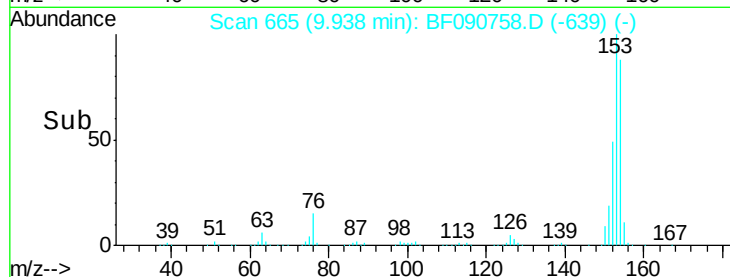
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.52 ng

RT: 9.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

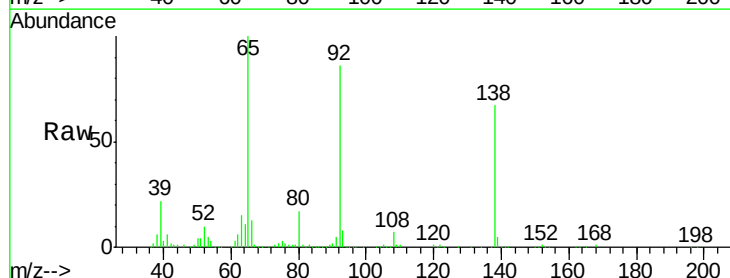
Tgt Ion:138 Resp: 228533

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

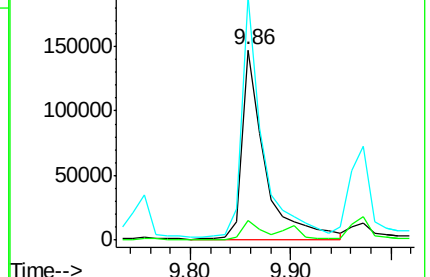
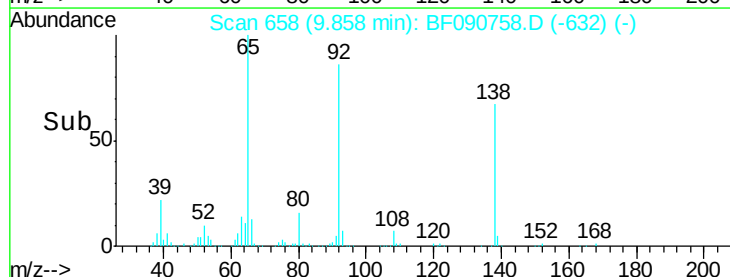
92 128.1 67.7 101.5#

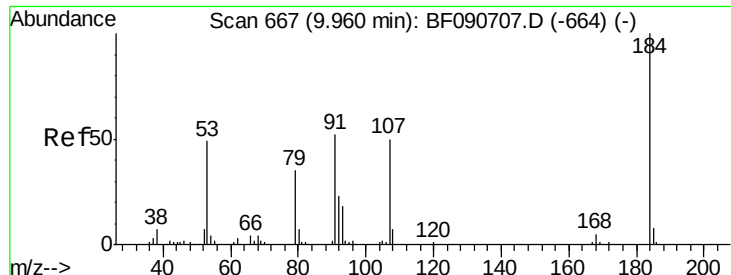


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





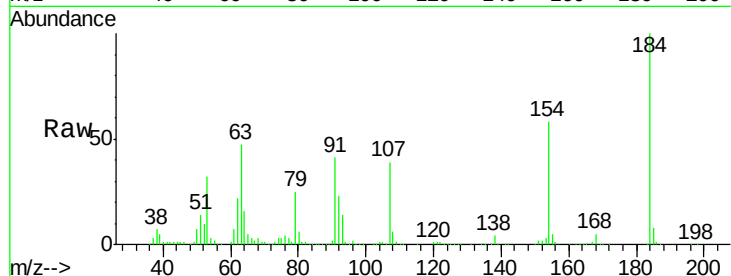
#53
2,4-Dinitrophenol
Concen: 79.03 ng/ml
RT: 9.97 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

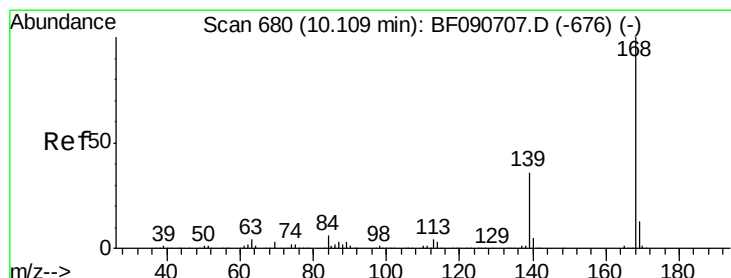
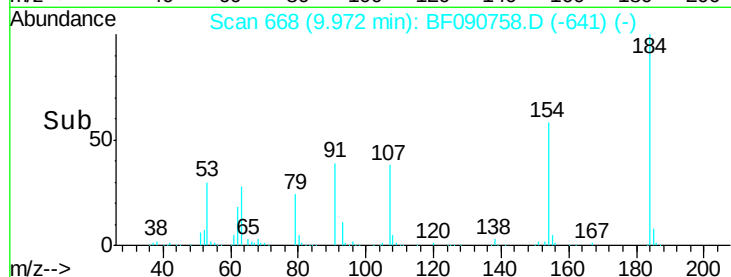
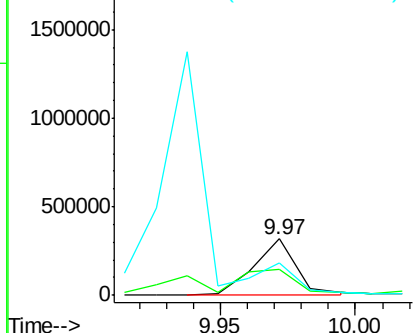
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	46.9	35.4	53.2	
154	58.2	32.2	48.4	

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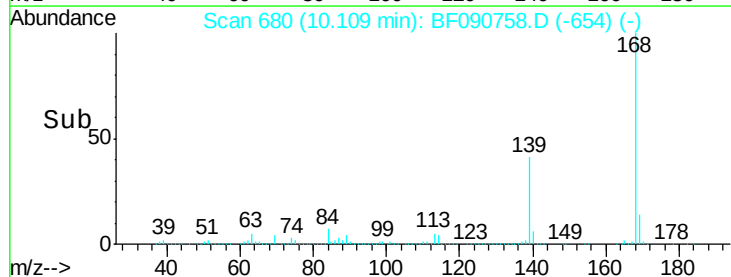
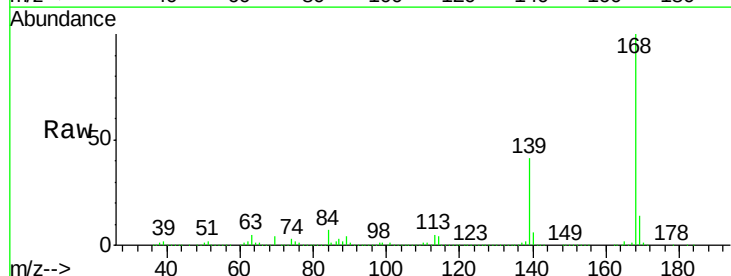
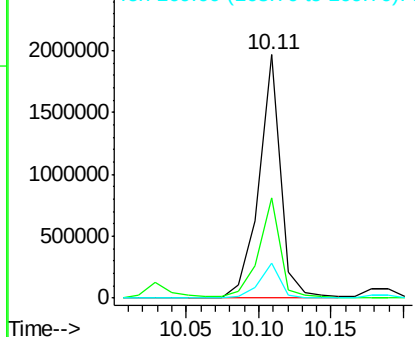
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

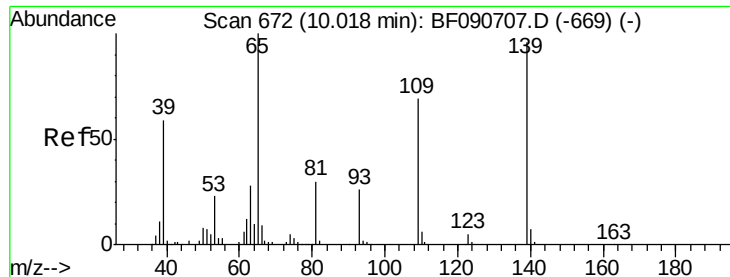


#54
Dibenzofuran
Concen: 49.74 ng
RT: 10.11 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.9	24.2	36.2	
169	14.3	10.6	15.8	

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





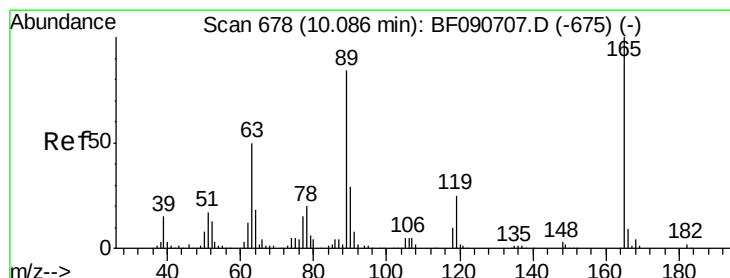
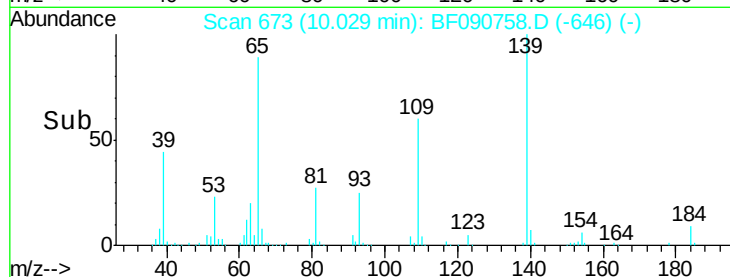
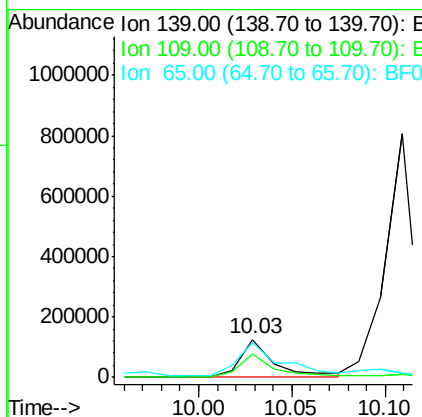
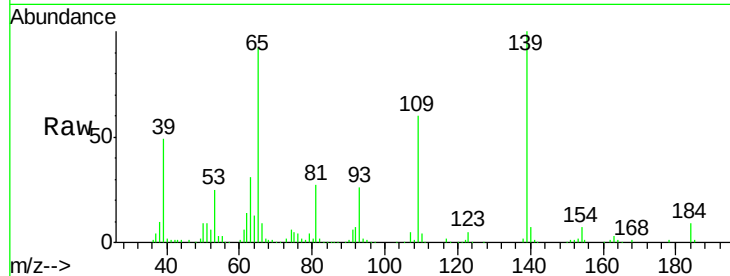
#55
4-Nitrophenol
Concen: 33.20 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	162047		
109	60.2	12.7	52.7#	
65	91.6	45.9	85.9#	

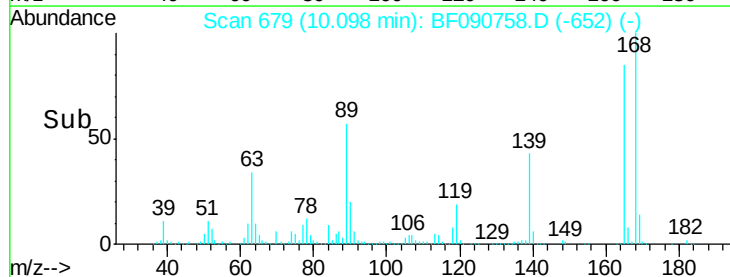
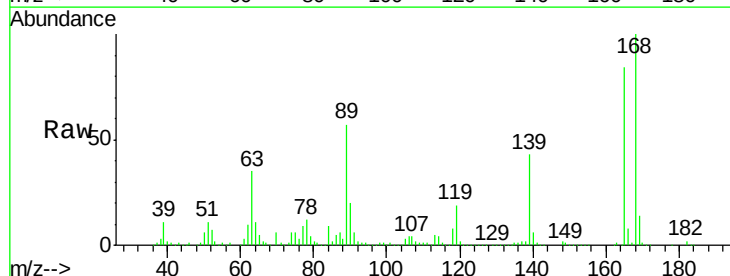
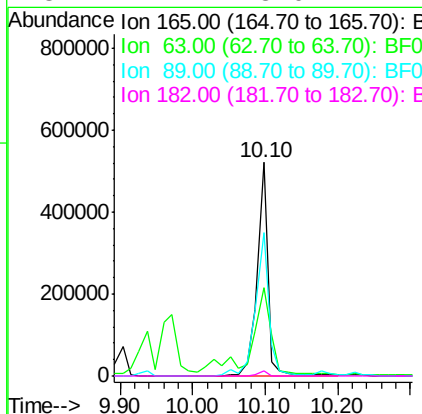
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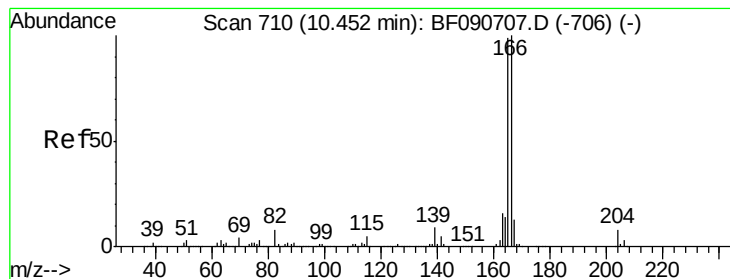
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#56
2,4-Dinitrotoluene
Concen: 57.45 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	546978		
63	41.5	29.8	44.6	
89	67.3	44.5	66.7#	
182	2.2	3.0	4.4#	





#57

Fluorene

Concen: 47.40 ng

RT: 10.45 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:166 Resp: 1622162

Ion Ratio Lower Upper

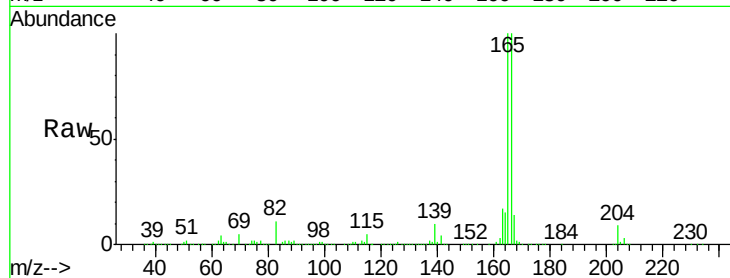
166 100

165 99.7 72.6 109.0

167 14.1 10.6 16.0

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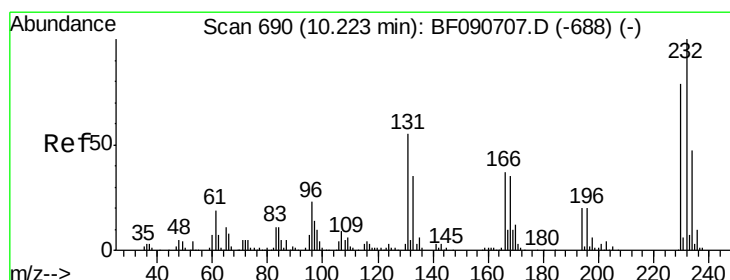
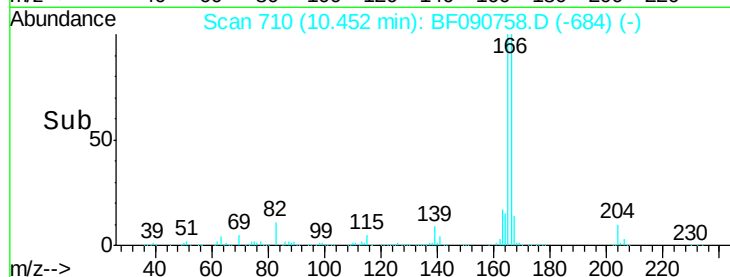
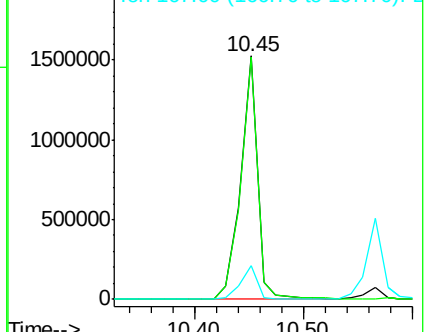


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.03 ng

RT: 10.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:232 Resp: 407706

Ion Ratio Lower Upper

232 100

131 48.9 38.5 57.7

130 2.2 1.8 2.6

166 31.8 25.0 37.6

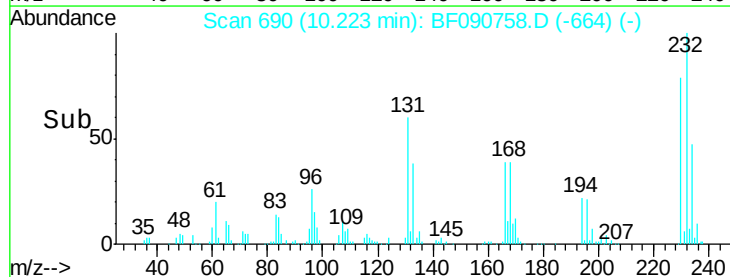
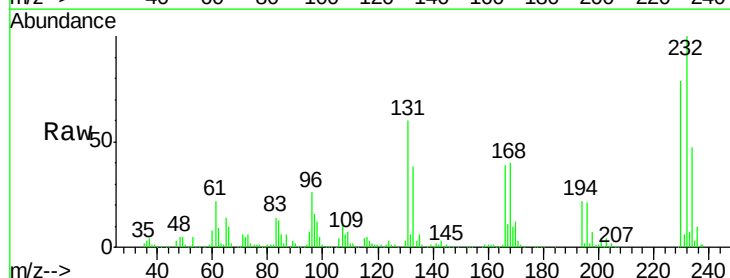
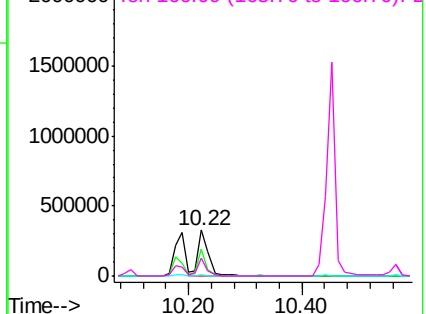
Abundance

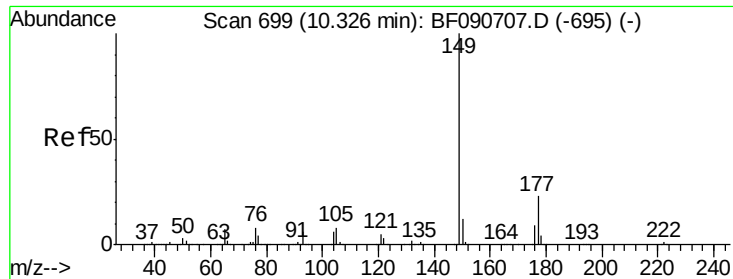
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





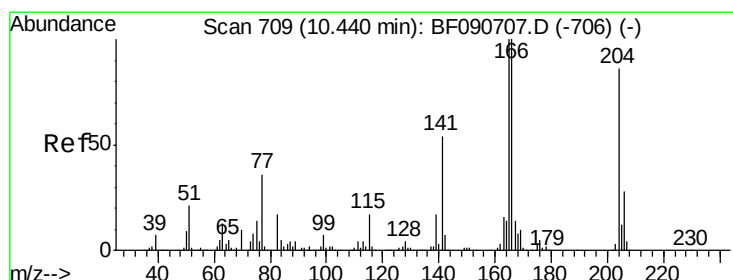
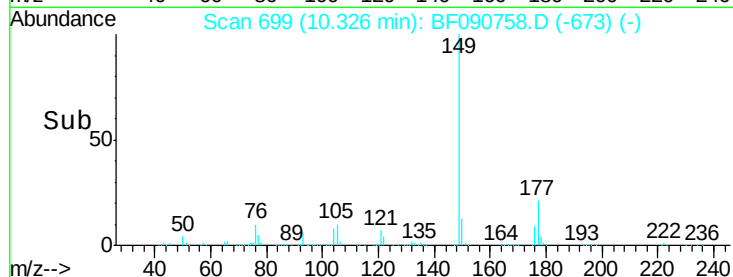
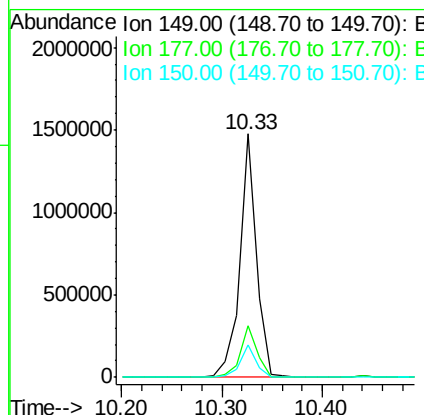
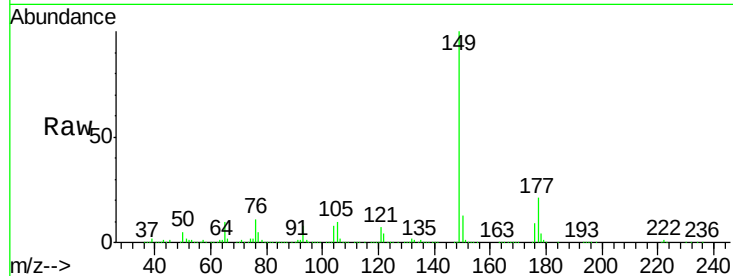
#59
Diethylphthalate
Concen: 45.03 ng
RT: 10.33 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.5	26.3
150	13.4	9.4	14.2

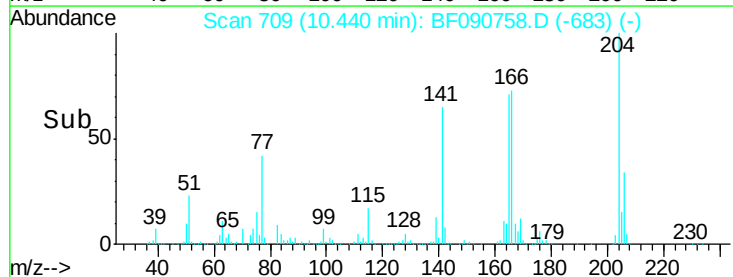
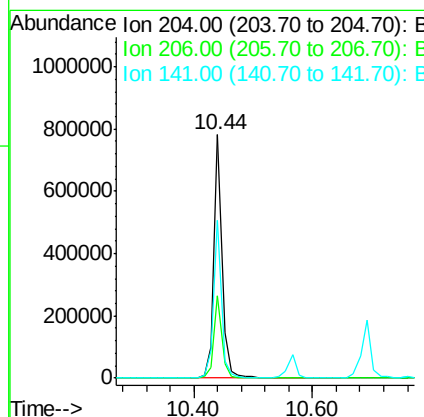
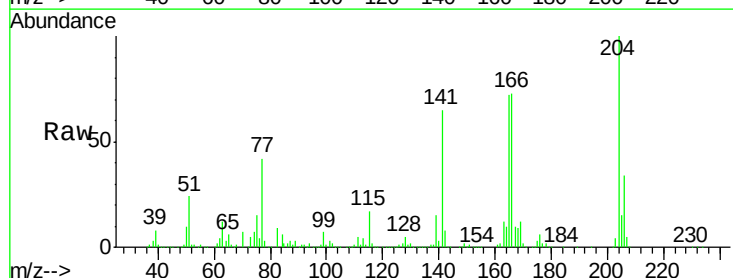
Manual Integrations
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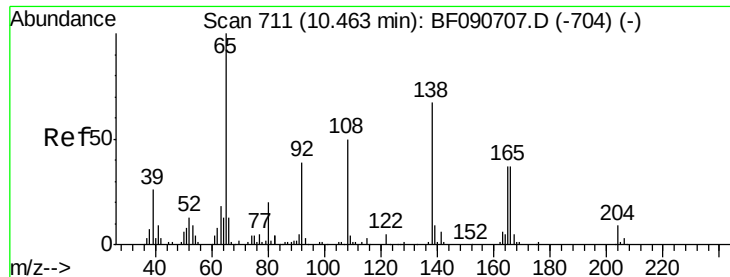
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 48.19 ng
RT: 10.44 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	24.8	37.2
141	64.6	42.2	63.4





#61

4-Nitroaniline

Concen: 41.61 ng

RT: 10.49 min Scan# 713

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

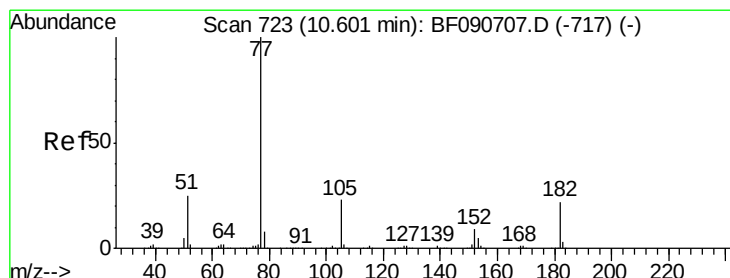
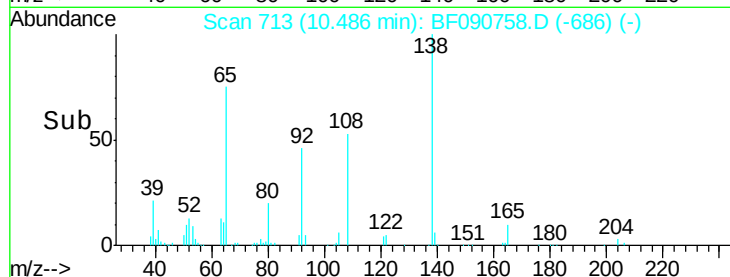
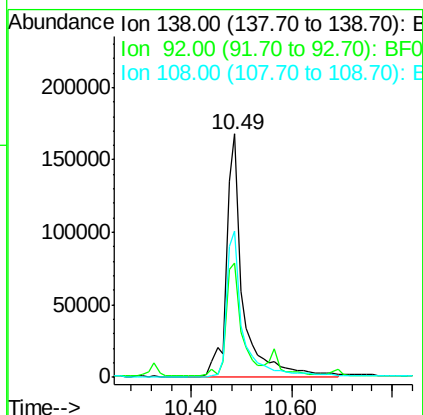
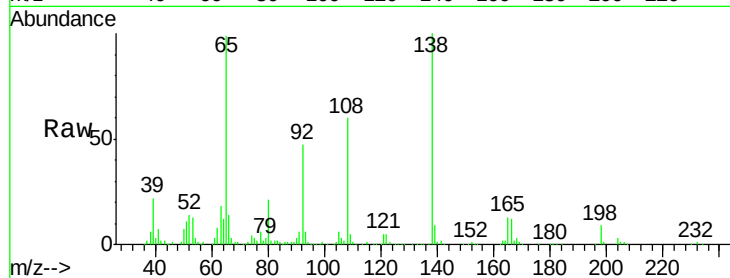
ClientSampleId :

MW-01S-101916MS

Tot Ion:	138	Resp:	377362
Ion Ratio	Lower	Upper	
138	100		
92	46.9	12.6	52.6
108	60.3	12.4	52.4

Manual Integrations
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#62

Azobenzene

Concen: 41.50 ng

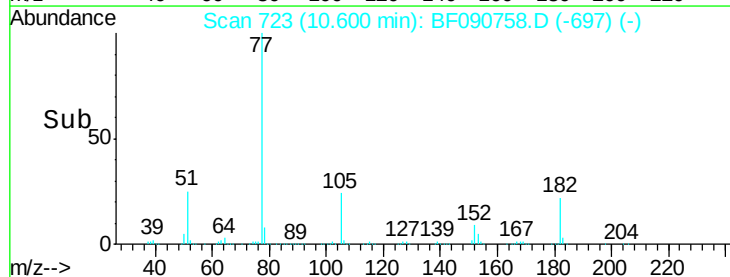
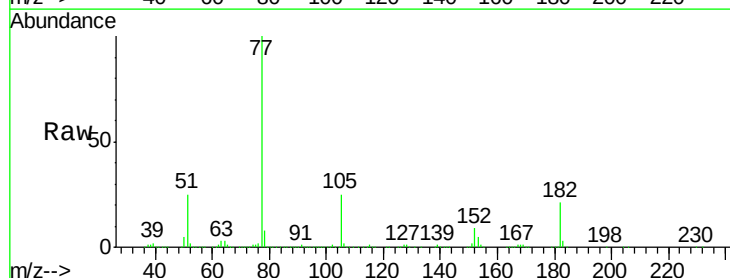
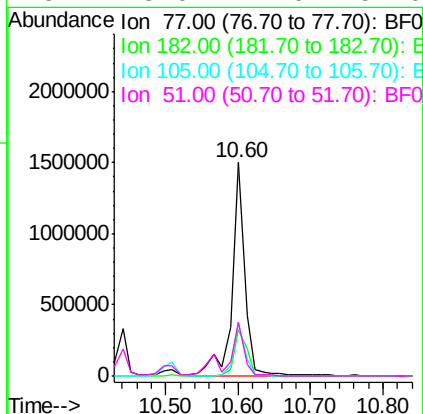
RT: 10.60 min Scan# 723

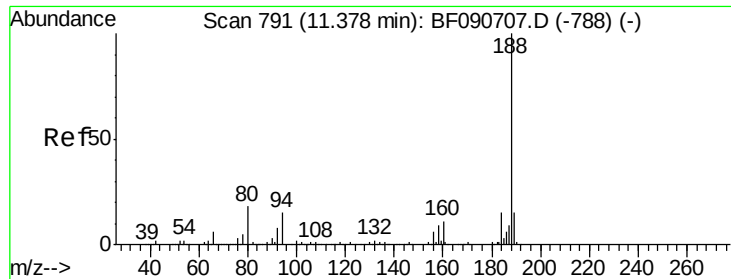
Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion:	77	Resp:	1825868
Ion Ratio	Lower	Upper	
77	100		
182	21.4	15.1	55.1
105	24.8	3.4	43.4
51	25.0	12.0	52.0





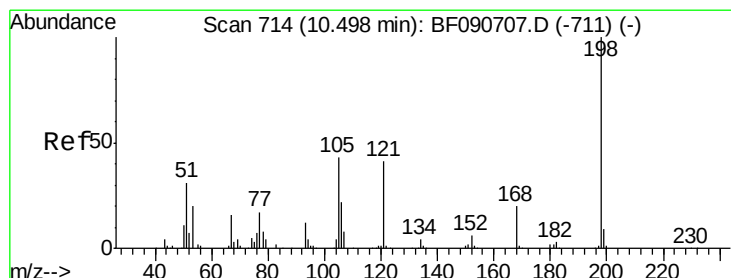
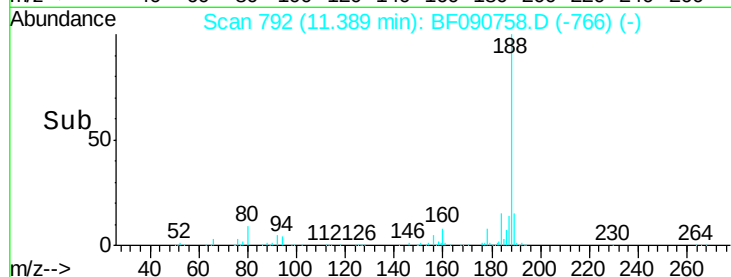
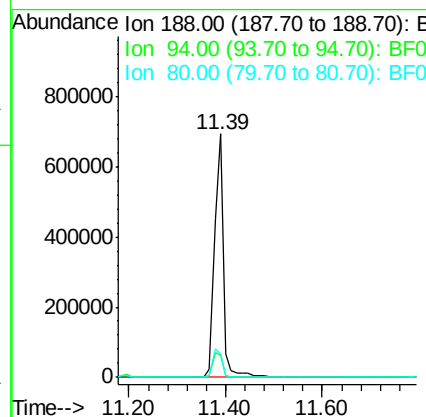
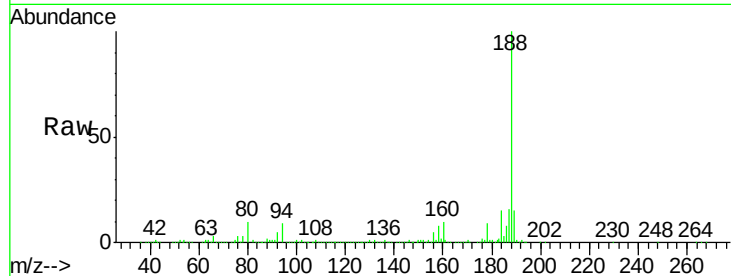
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.2	11.1	16.7#	
80	9.6	11.0	16.4#	

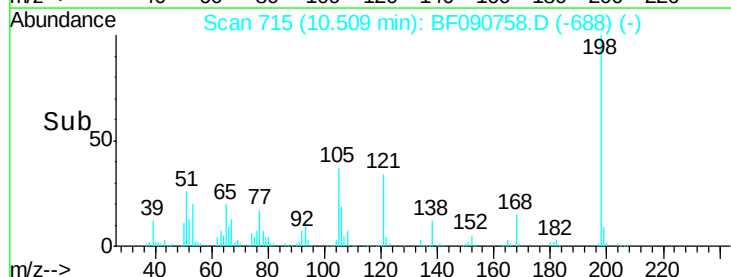
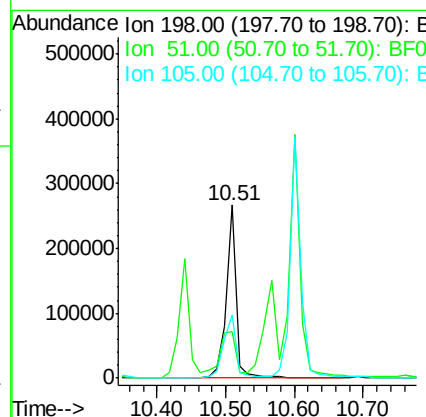
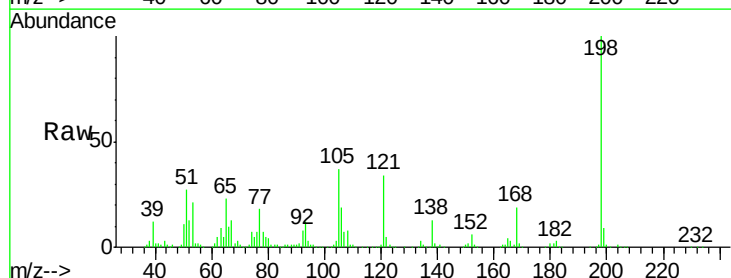
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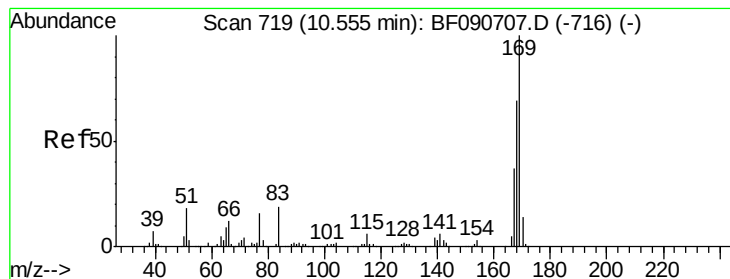
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.20 ng
RT: 10.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	26.9	39.6	79.6#	
105	36.9	28.5	68.5	





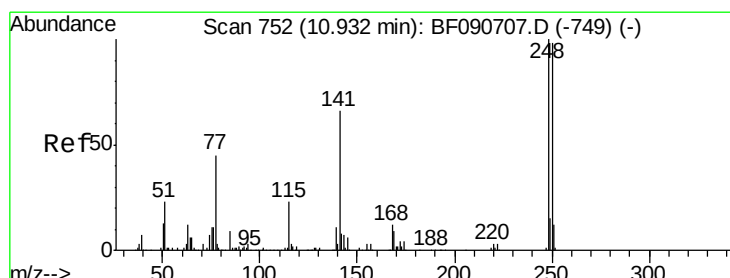
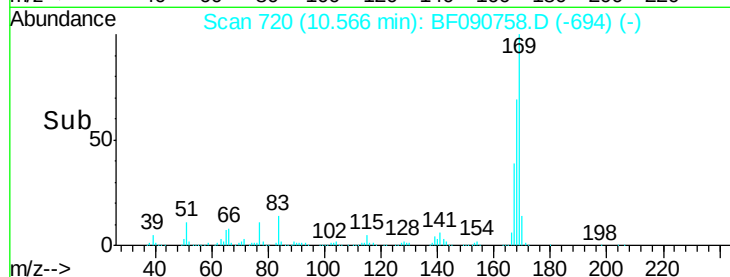
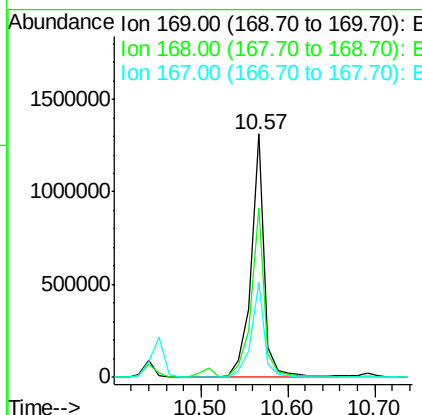
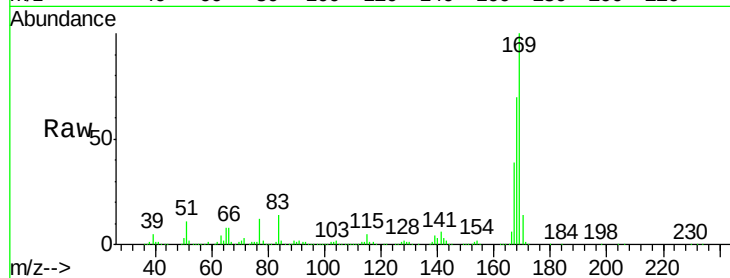
#65
n-Nitrosodiphenylamine
Concen: 48.17 ng
RT: 10.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.5	48.9	73.3
167	38.8	26.2	39.4

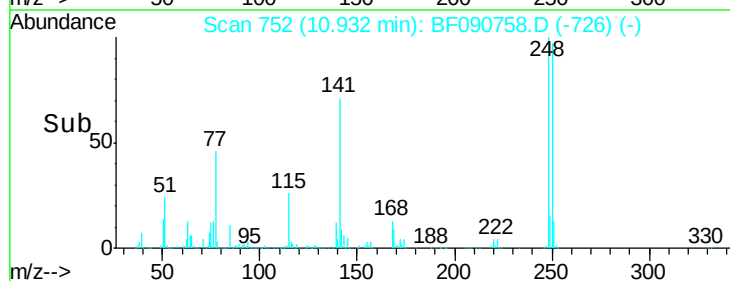
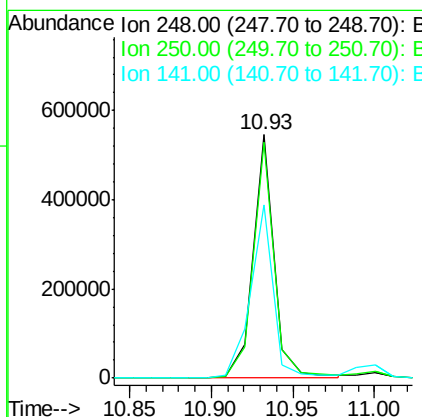
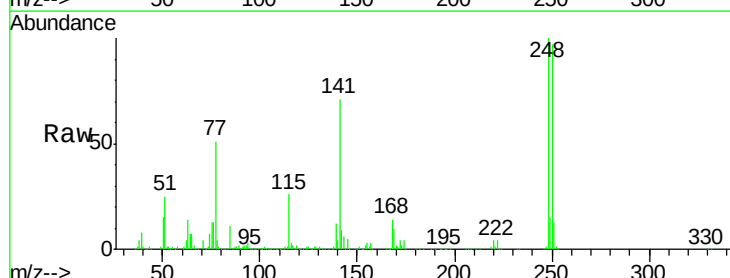
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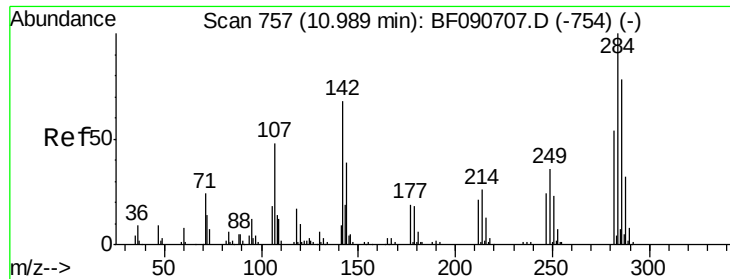
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#66
4-Bromophenyl-phenylether
Concen: 55.96 ng
RT: 10.93 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.5	117.7
141	71.0	59.0	88.6





#67

Hexachlorobenzene

Concen: 56.96 ng

RT: 11.00 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

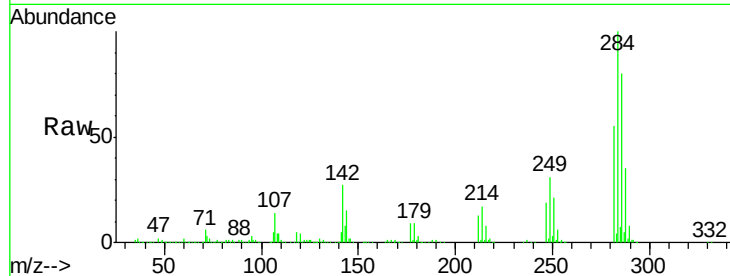
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	26.6	29.5	44.3#	
249	31.5	19.5	29.3#	

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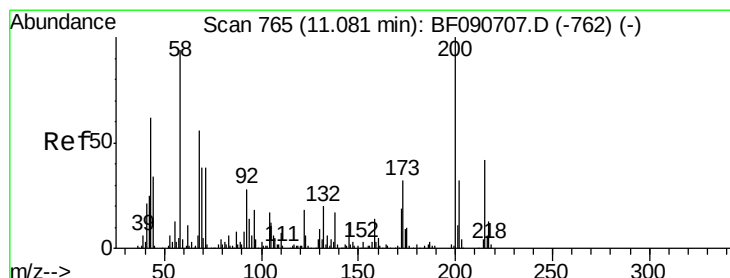
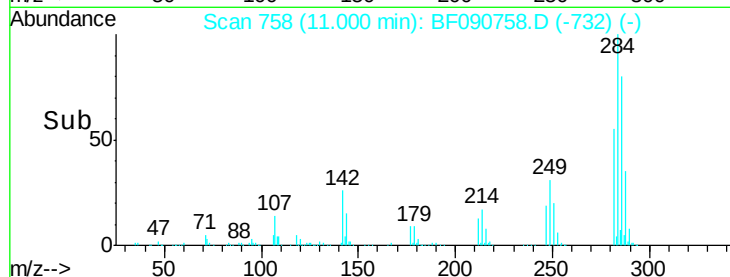
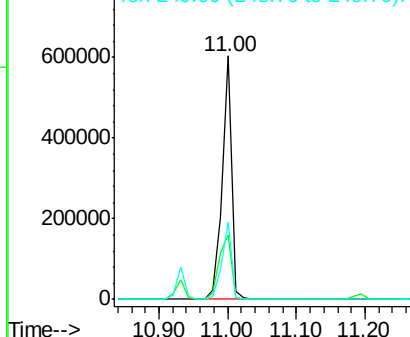


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.14 ng

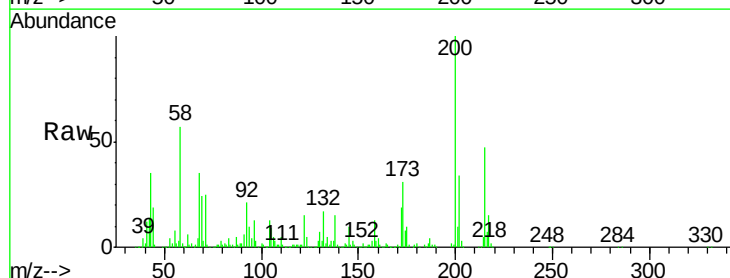
RT: 11.09 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.1	13.2	53.2	
215	47.5	41.8	81.8	

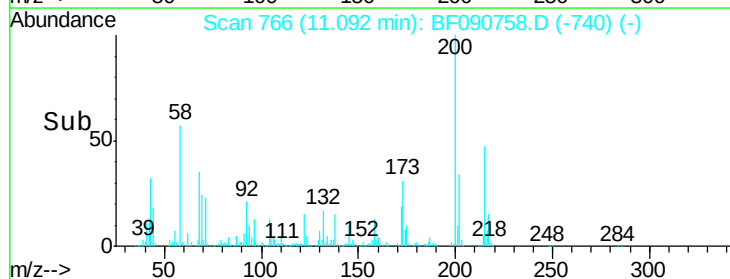
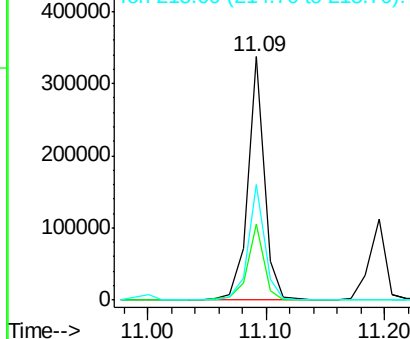


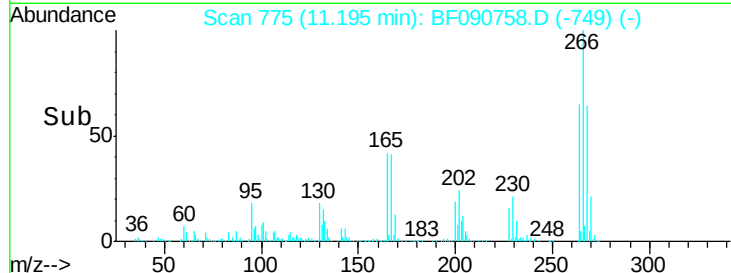
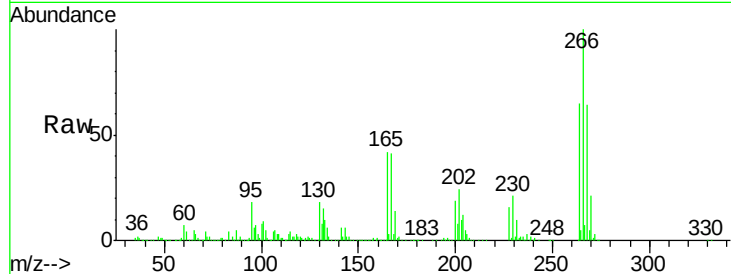
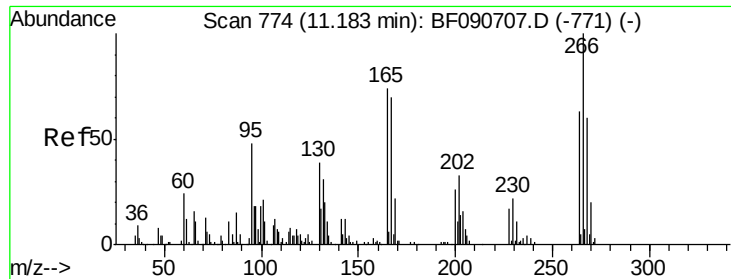
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





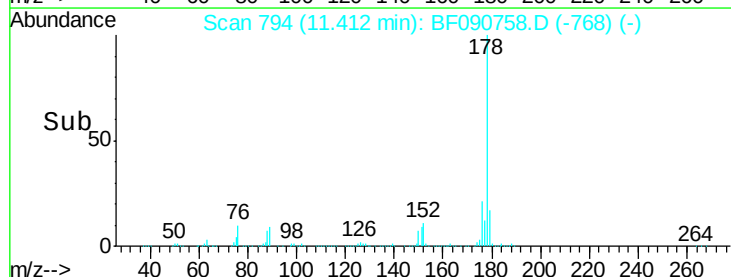
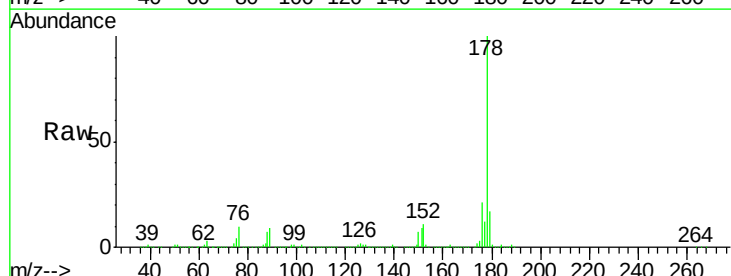
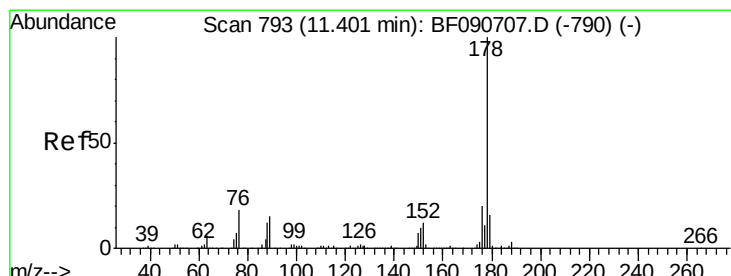
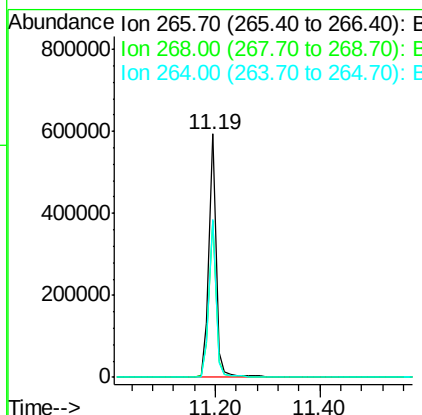
#69
 Pentachlorophenol
 Concen: 85.91 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.4	49.8	74.6
264	64.7	50.2	75.2

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

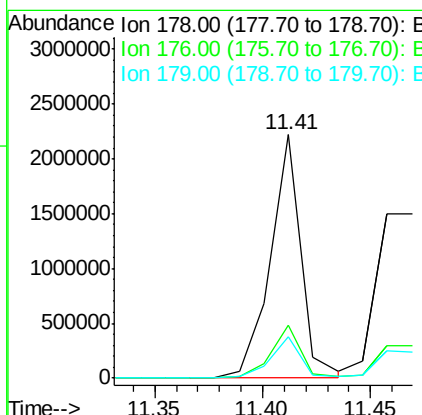
Manual Integrations
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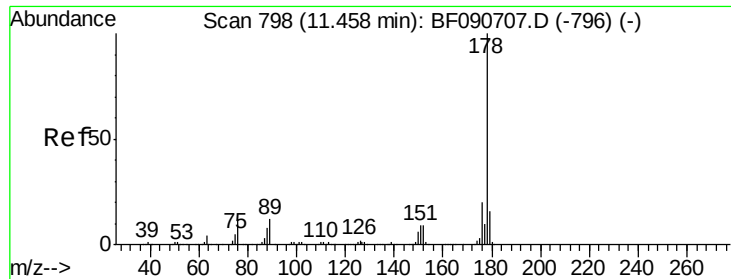
sohil
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#70
 Phenanthrene
 Concen: 47.71 ng m
 RT: 11.41 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.5	13.8	20.8#
179	16.9	12.2	18.2





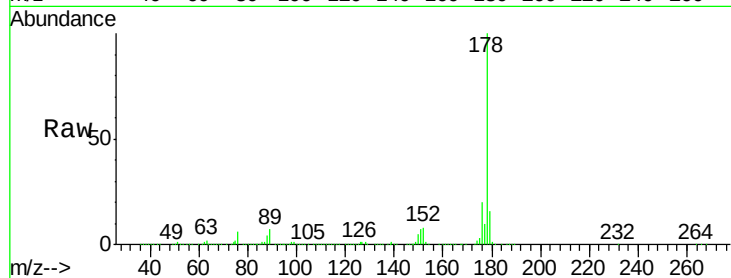
#71
 Anthracene
 Concen: 46.76 ng
 RT: 11.47 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

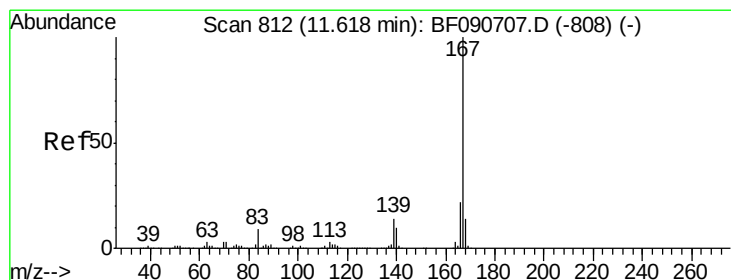
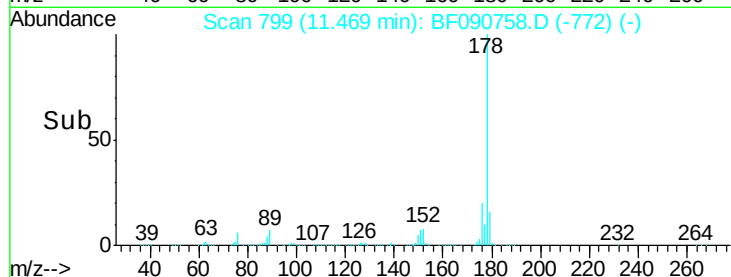
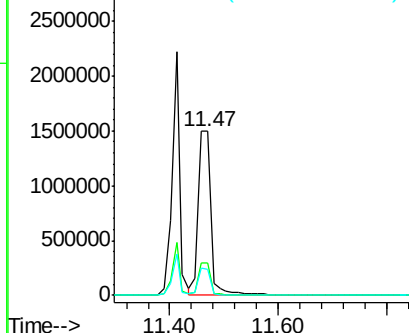
Tot Ion:178 Resp: 2400366
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.1 21.1
 179 15.8 12.2 18.2

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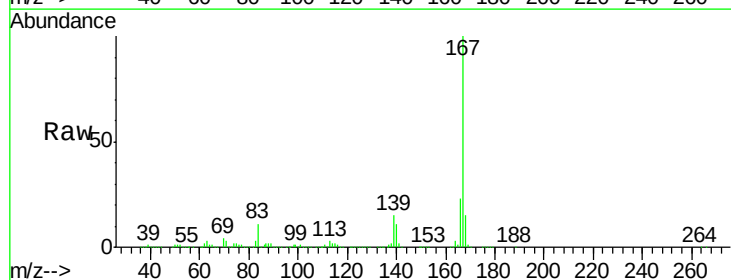


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

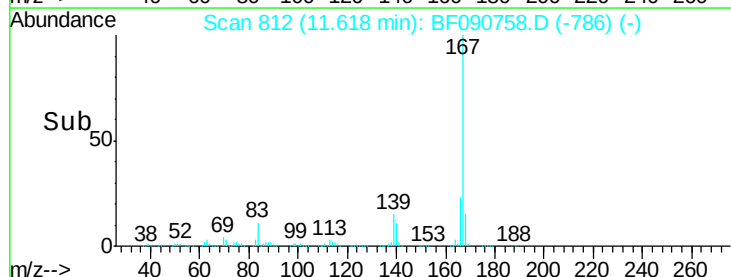
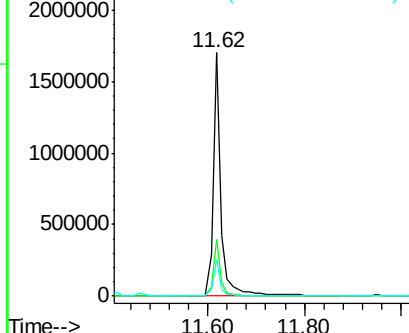


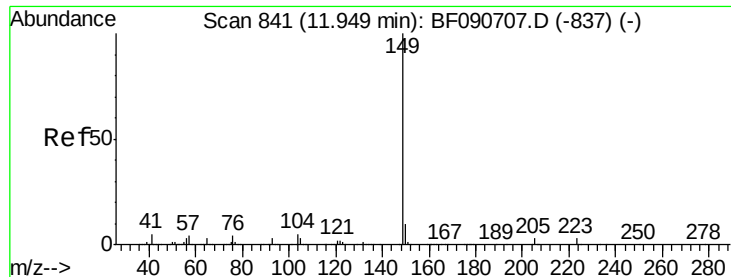
#72
 Carbazole
 Concen: 45.52 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Tgt Ion:167 Resp: 1953431
 Ion Ratio Lower Upper
 167 100
 166 23.1 15.7 23.5
 139 14.8 9.5 14.3#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.24 ng

RT: 11.95 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:149 Resp: 2462726

Ion Ratio Lower Upper

149 100

150 10.7 7.4 11.2

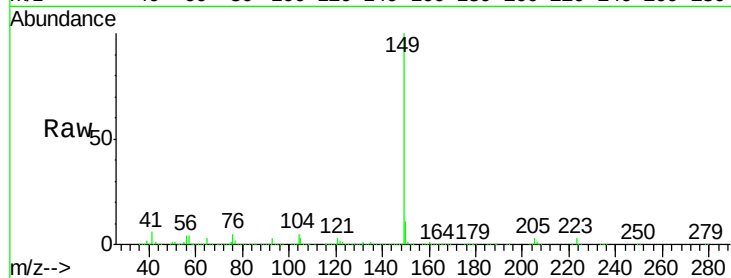
104 5.3 2.4 3.6#

Manual Integrations

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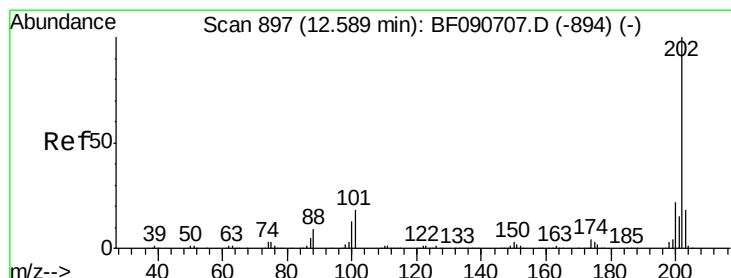
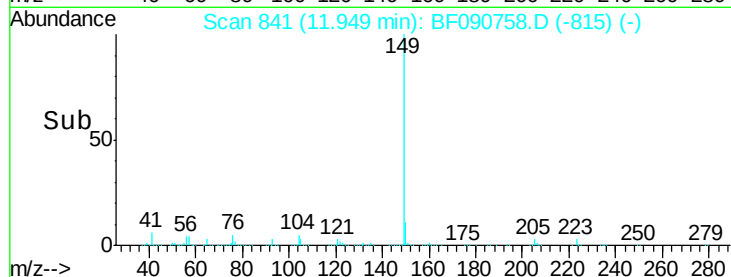
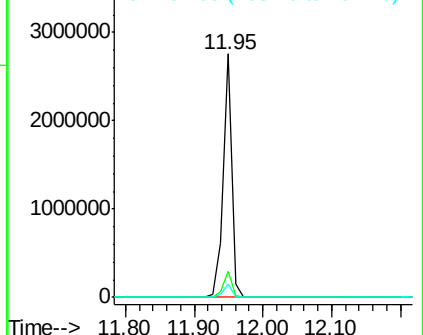
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 49.97 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

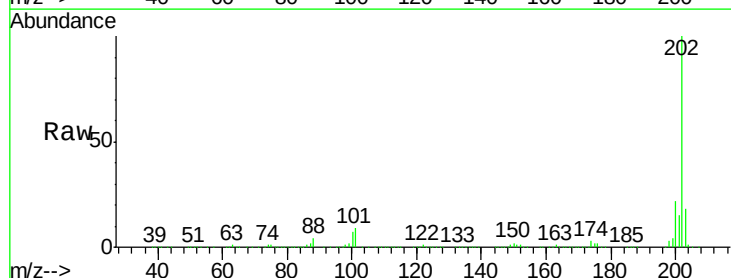
Tgt Ion:202 Resp: 2237330

Ion Ratio Lower Upper

202 100

101 9.3 0.0 38.3

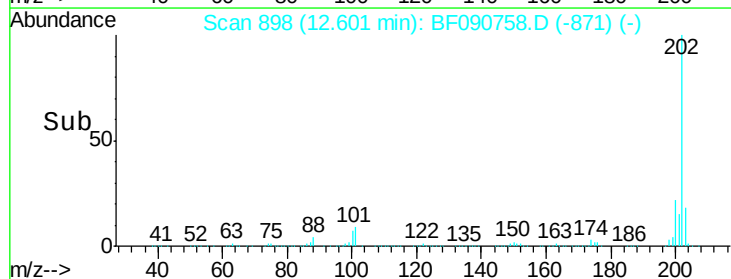
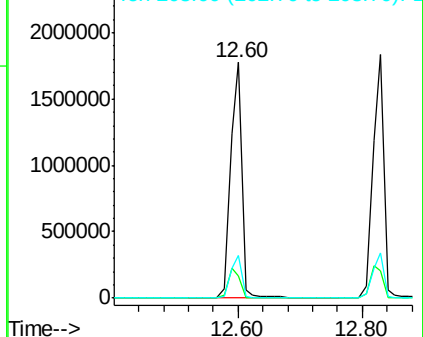
203 18.3 0.0 37.3

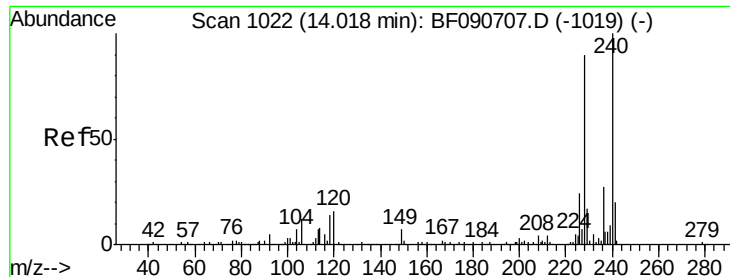


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

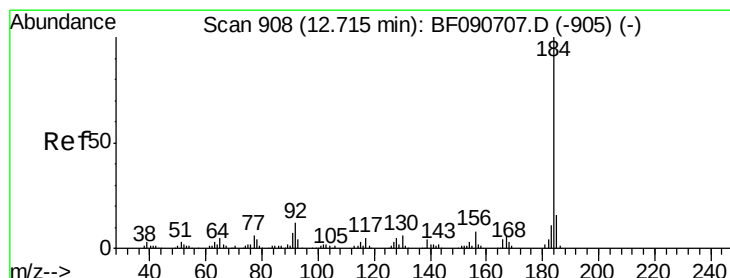
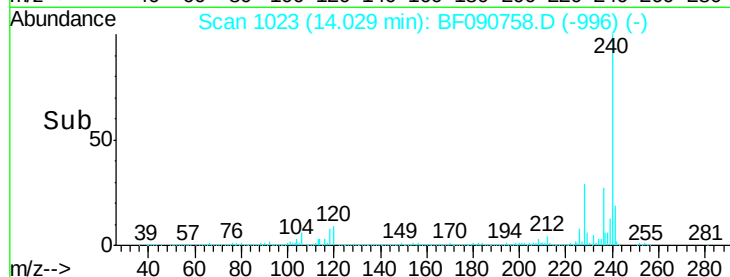
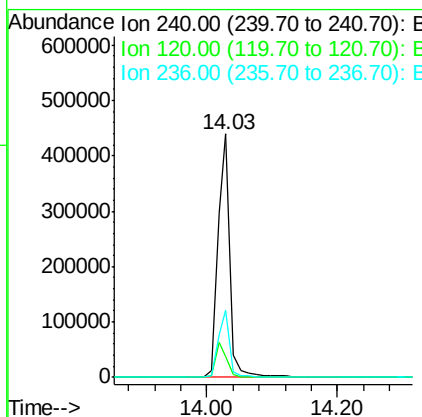
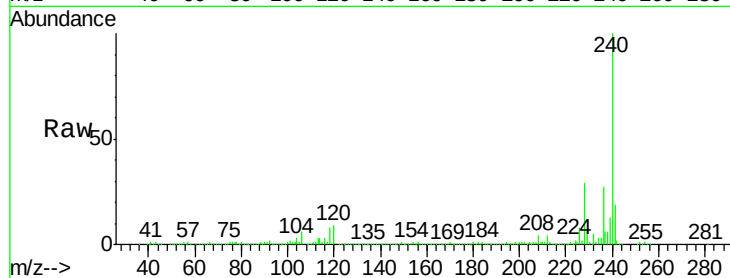
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.5	16.2	24.2#
236	27.3	18.4	27.6

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#76

Benzidine

Concen: 21.90 ng

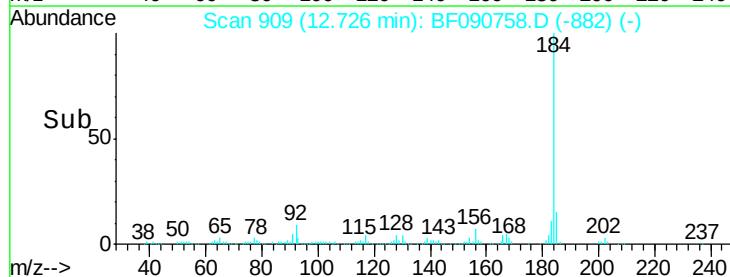
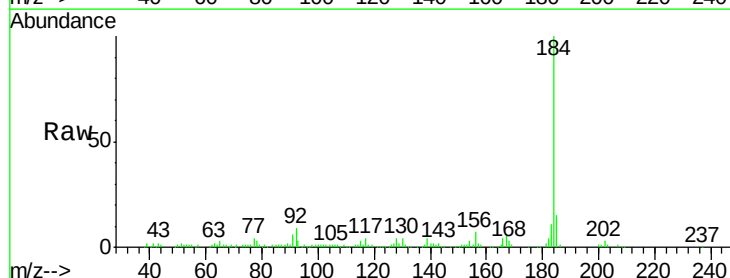
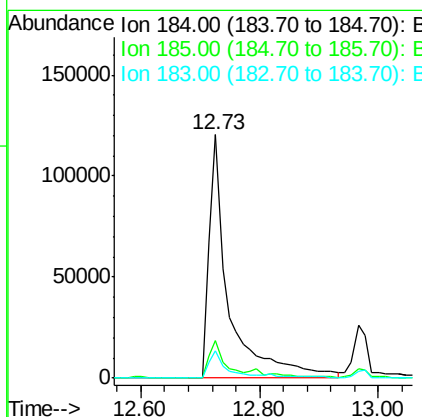
RT: 12.73 min Scan# 909

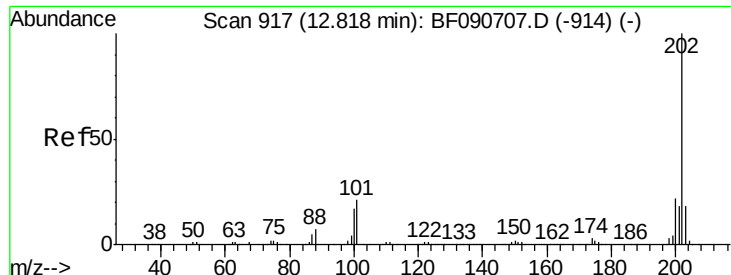
Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.8	17.6
183	11.3	7.6	11.4





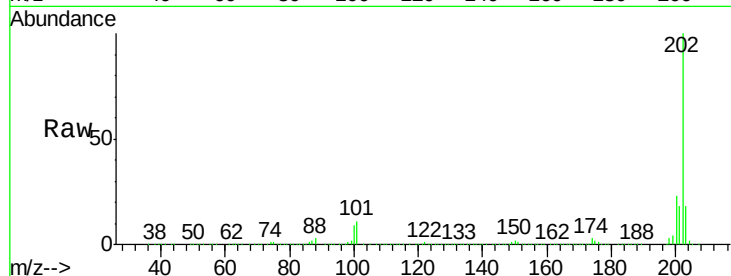
#77
Pvrene
Concen: 55.45 ng/ml
RT: 12.83 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

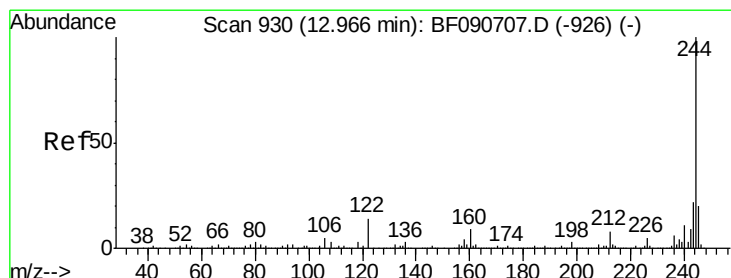
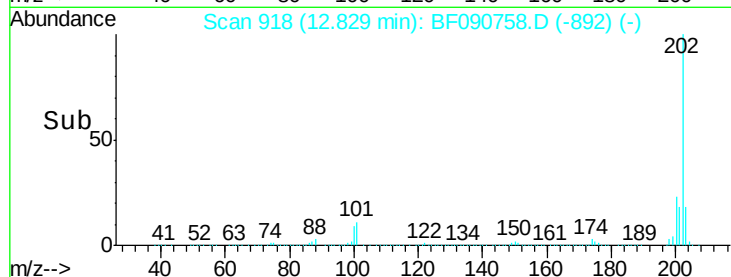
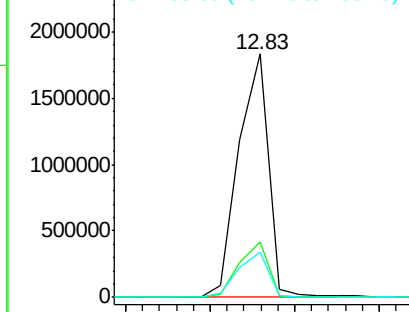
Tot Ion	Ratio	Lower	Upper
202	100		
200	23.0	15.0	22.4#
203	18.4	14.1	21.1

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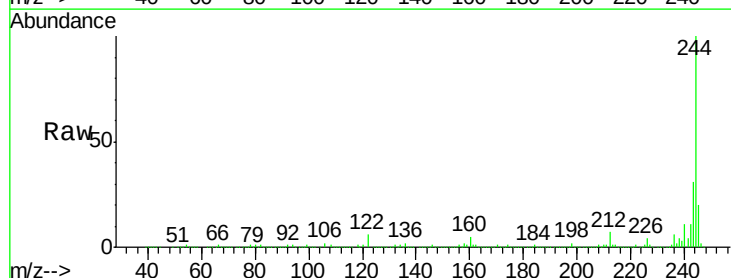


Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

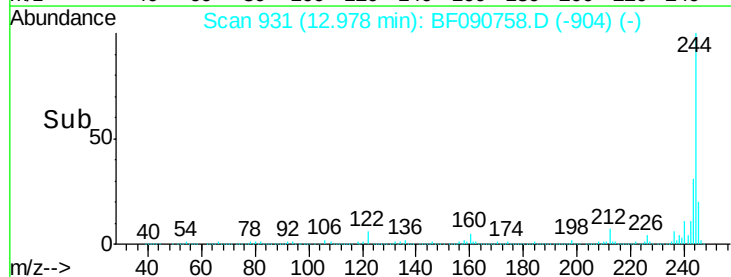
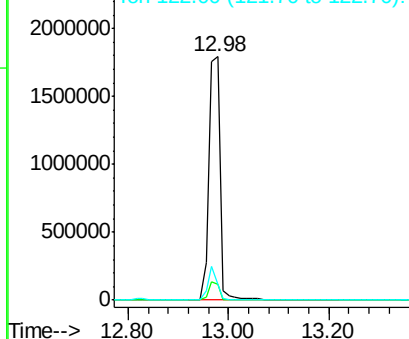


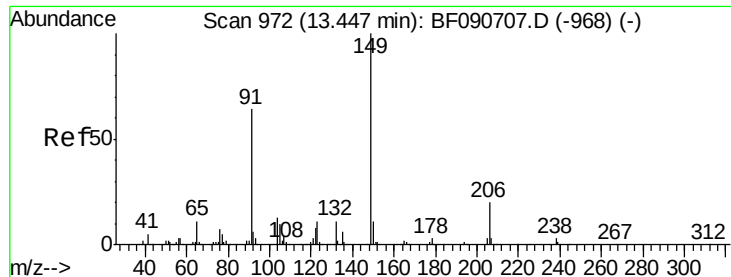
#78
Terphenyl-d14
Concen: 111.64 ng
RT: 12.98 min Scan# 931
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	6.4	17.4	26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





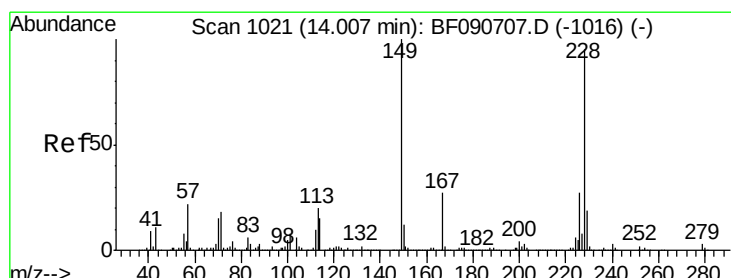
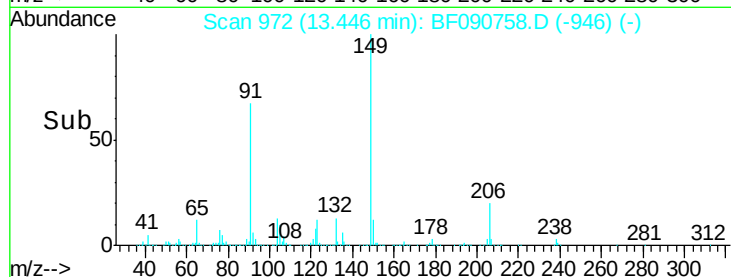
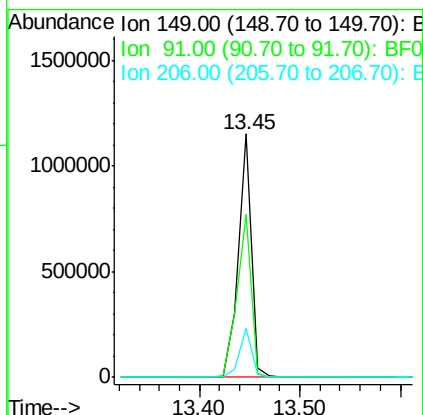
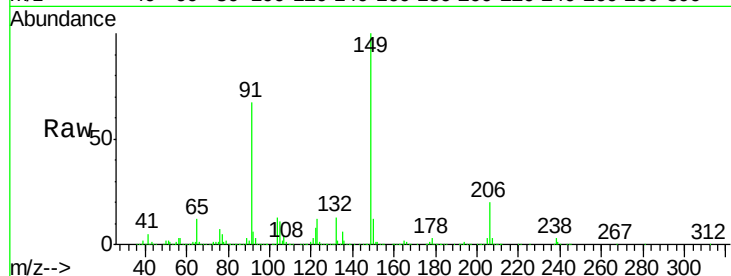
#79
Butylbenzylphthalate
Concen: 56.82 ng
RT: 13.45 min Scan# 972
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.8	48.6	72.8
206	20.2	14.9	22.3

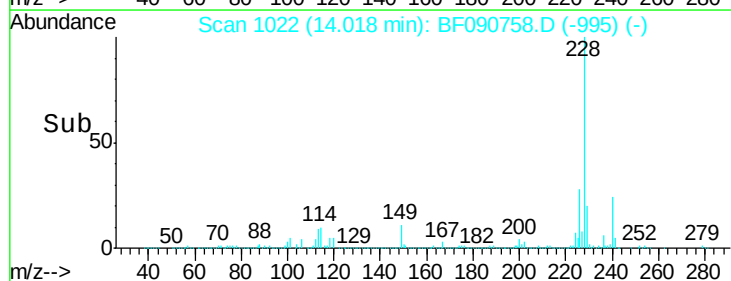
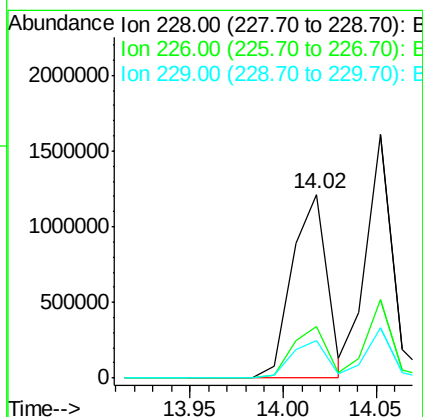
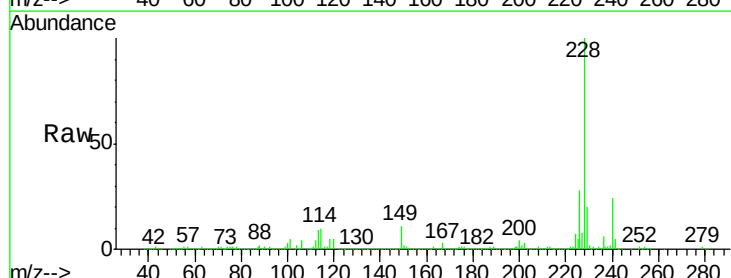
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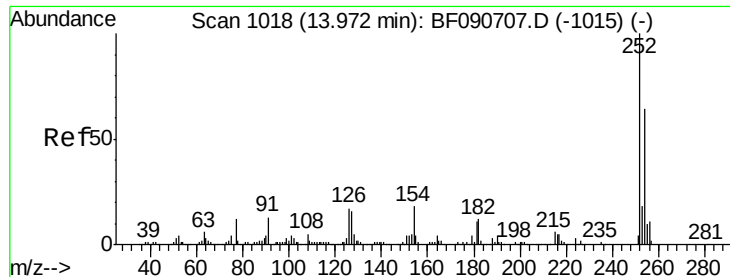
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#80
Benzo(a)anthracene
Concen: 50.66 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	20.0	30.0
229	20.4	15.4	23.2





#81

3,3'-Dichlorobenzidine

Concen: 31.81 ng

RT: 13.98 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

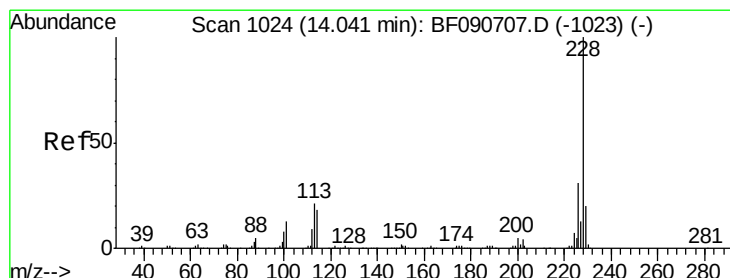
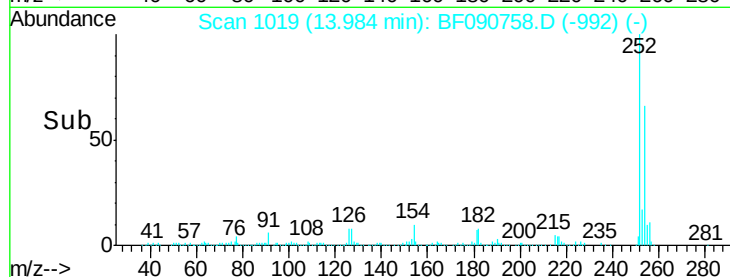
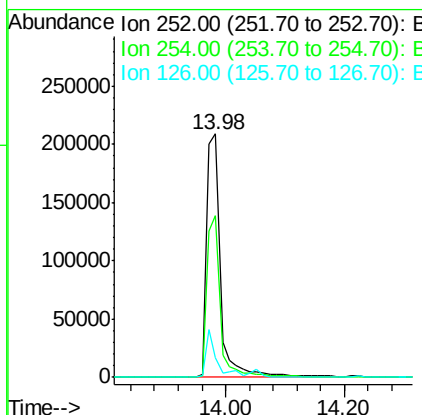
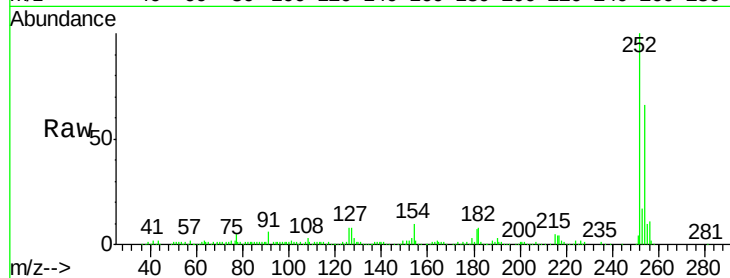
ClientSampleId :

MW-01S-101916MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	344902		
254	66.3	51.4	77.2	
126	8.0	16.4	24.6	

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#82

Chrysene

Concen: 53.49 ng m

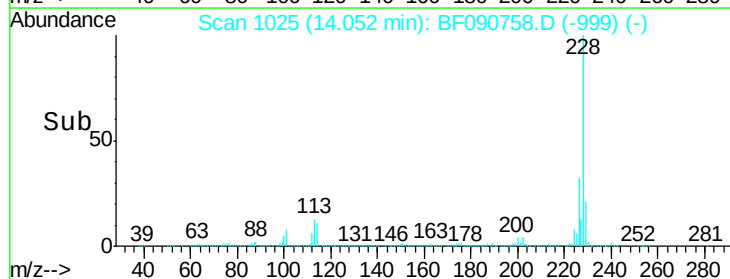
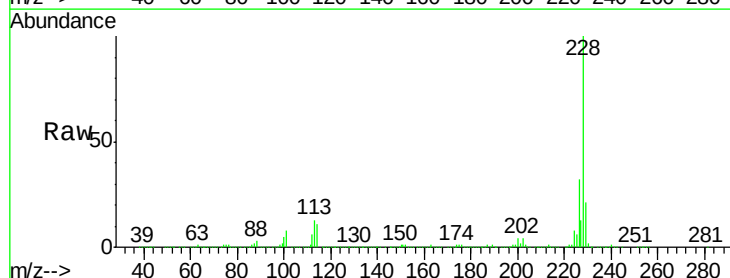
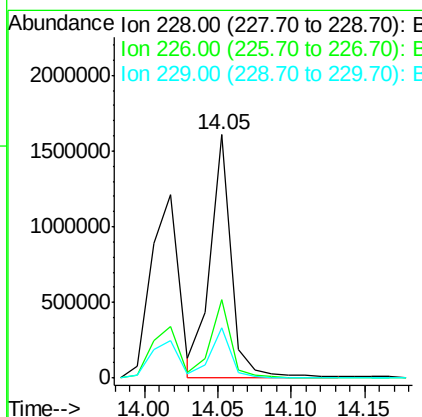
RT: 14.05 min Scan# 1025

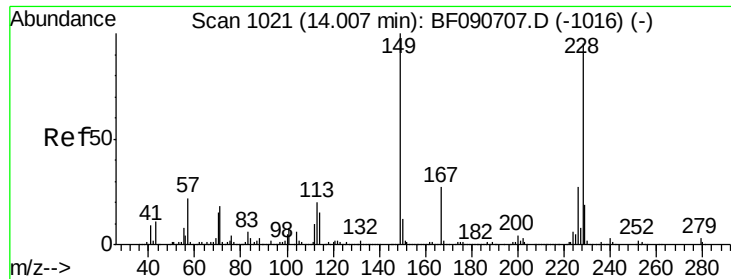
Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1633739		
226	32.4	21.0	31.4	
229	20.9	15.6	23.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.34 ng

RT: 14.01 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MS

Tot Ion:149 Resp: 1322092

Ion Ratio Lower Upper

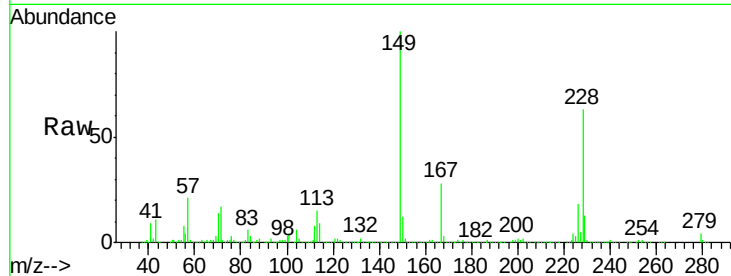
149 100

167 28.3 24.2 36.2

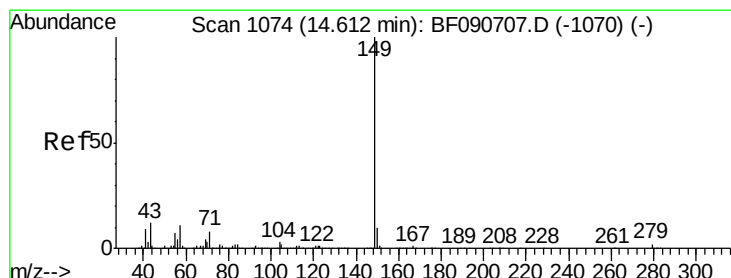
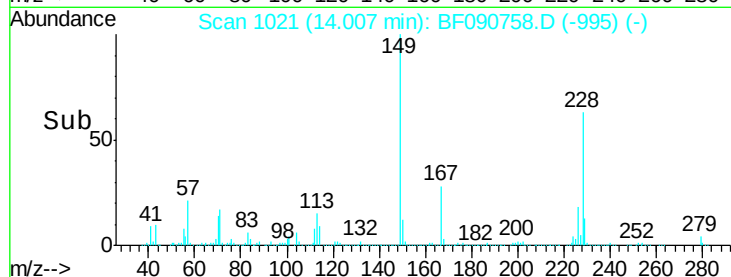
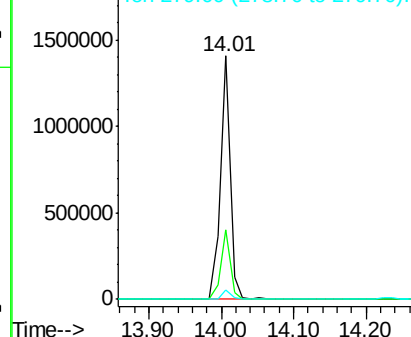
279 3.7 3.8 5.6#

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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: 50.13 ng

RT: 14.61 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BF090758.D

Acq: 22 Oct 2016 13:21

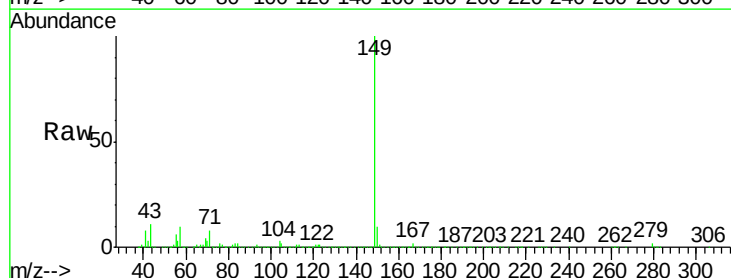
Tgt Ion:149 Resp: 1998339

Ion Ratio Lower Upper

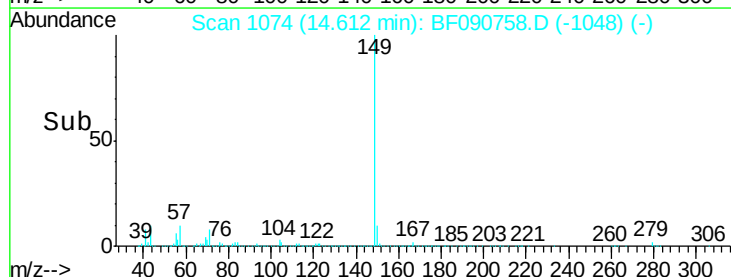
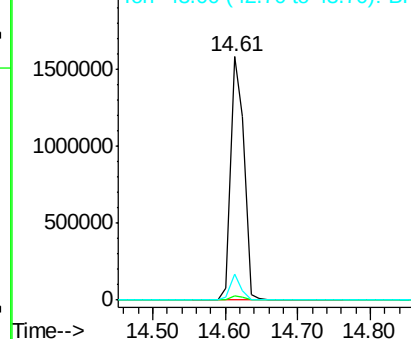
149 100

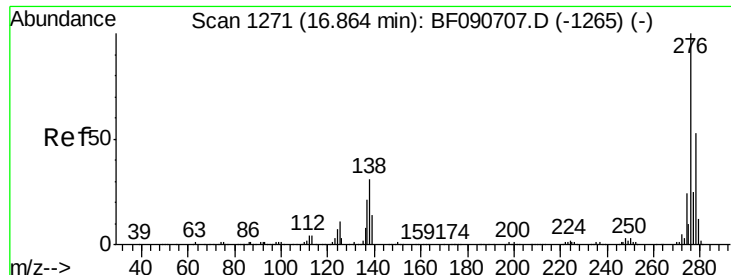
167 1.6 1.0 1.6#

43 8.5 10.2 15.2#



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





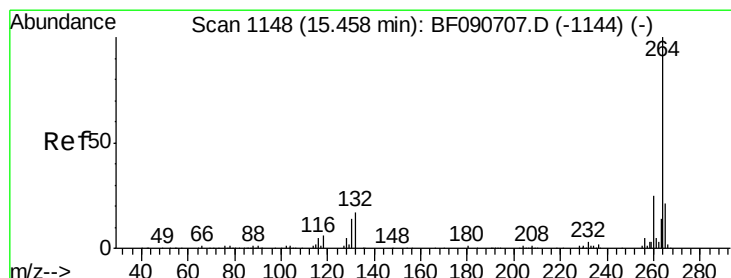
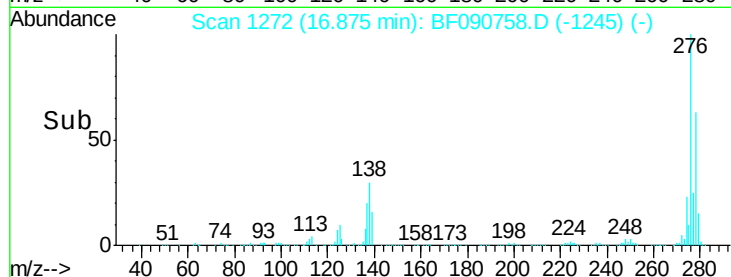
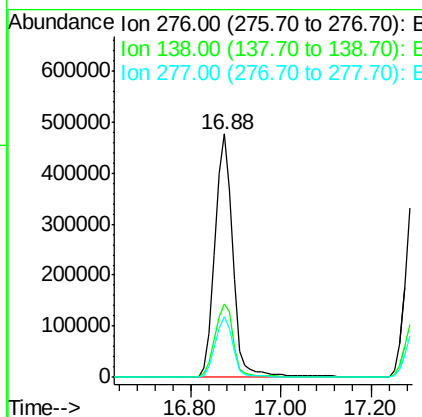
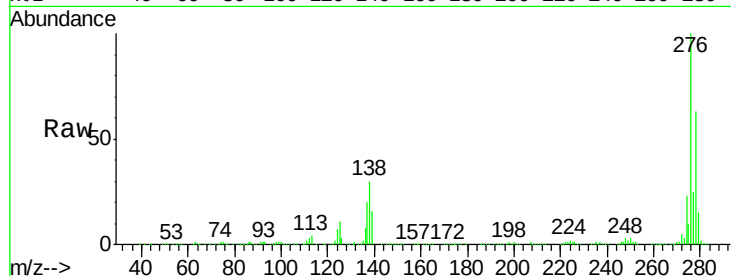
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.08 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.8	25.7	38.5
277	25.3	15.6	23.4

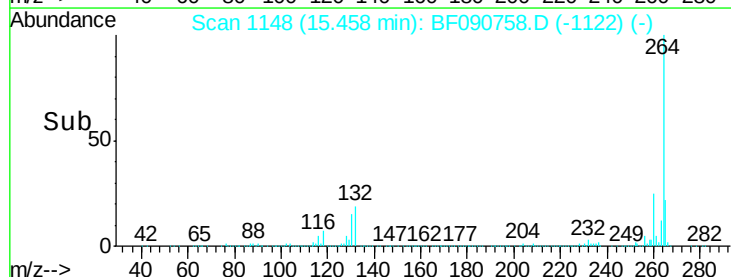
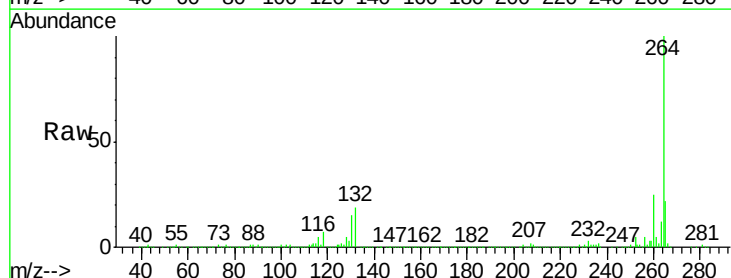
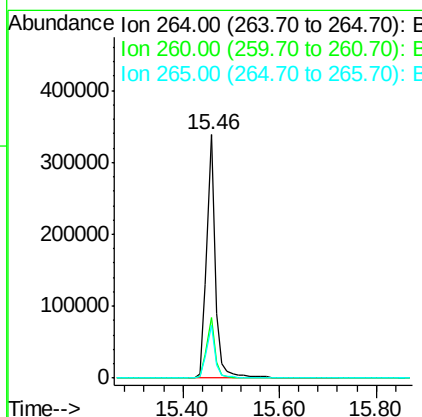
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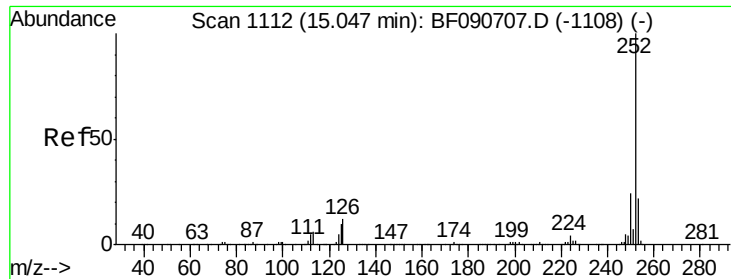
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	16.7	25.1
265	21.9	17.2	25.8





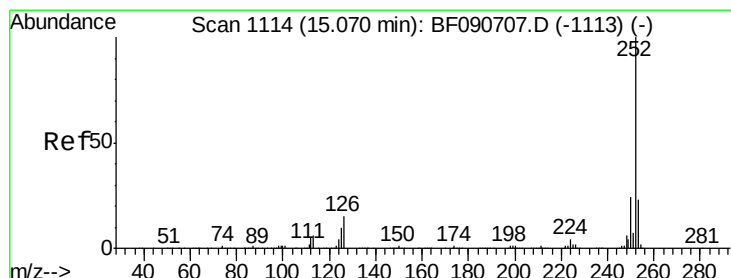
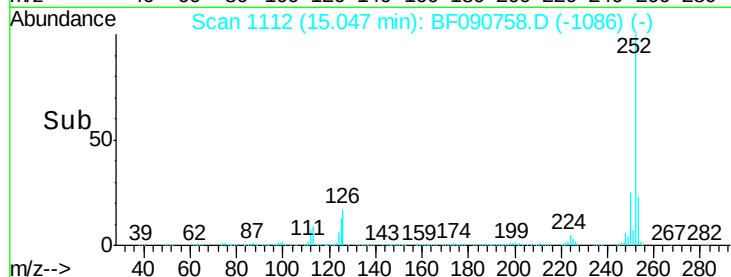
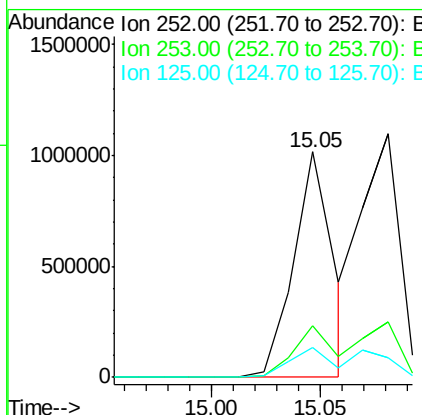
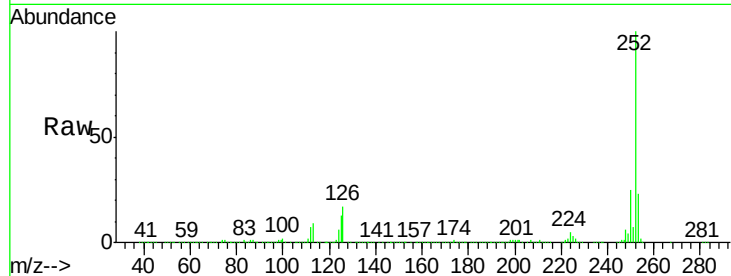
#87
Benzo(b)fluoranthene
Concen: 48.26 ng
RT: 15.05 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	13.0	17.1	25.7

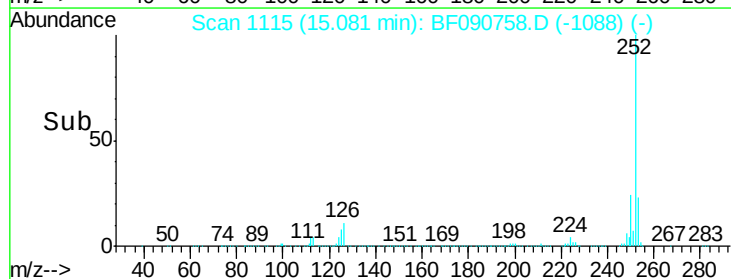
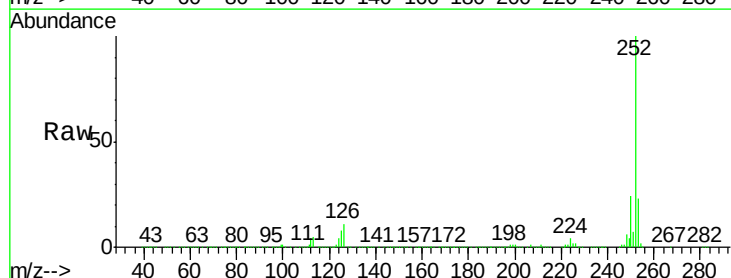
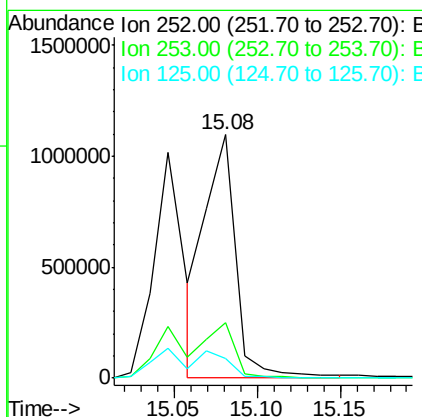
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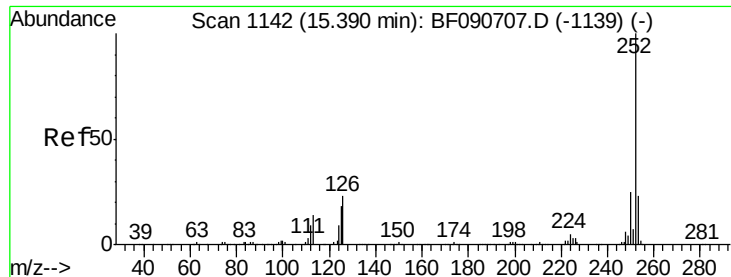
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#88
Benzo(k)fluoranthene
Concen: 53.58 ng m
RT: 15.08 min Scan# 1115
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	7.9	16.0	24.0





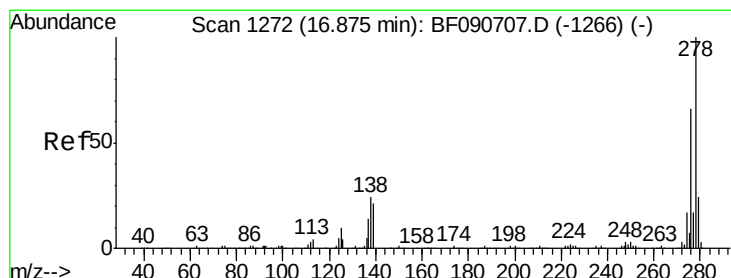
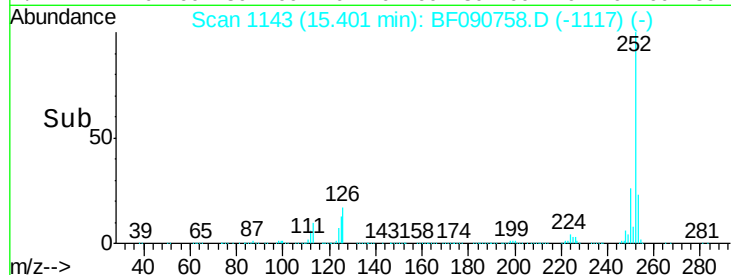
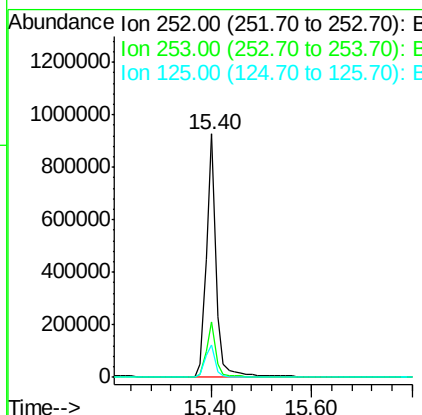
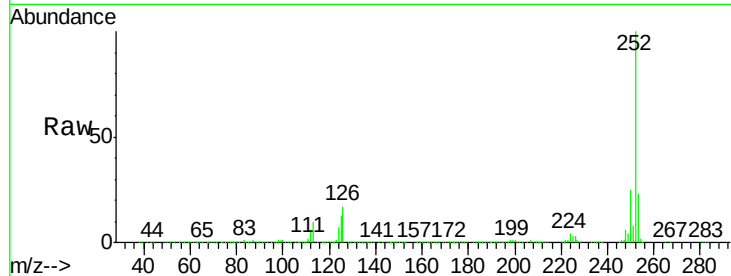
#89
Benzo(a)pyrene
Concen: 49.91 ng
RT: 15.40 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Instrument :
BNA_F
ClientSampleId :
MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	13.1	18.0	27.0

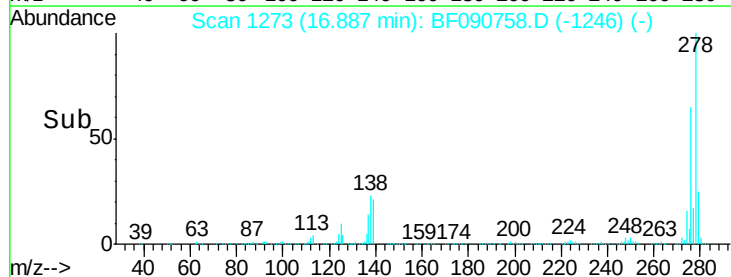
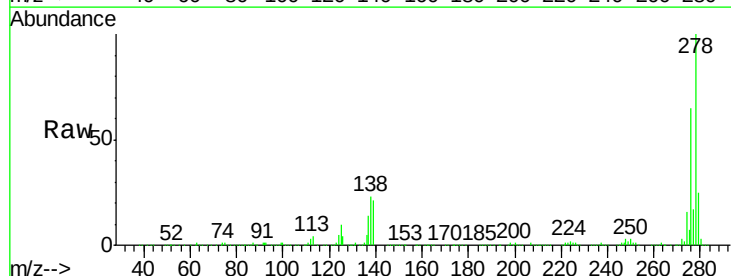
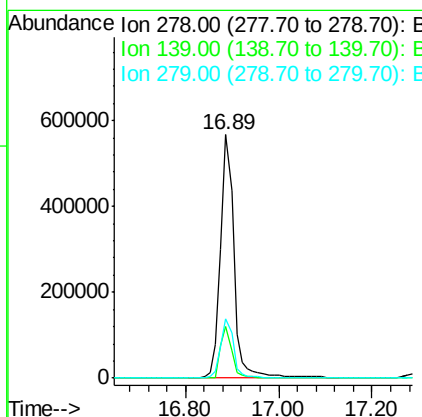
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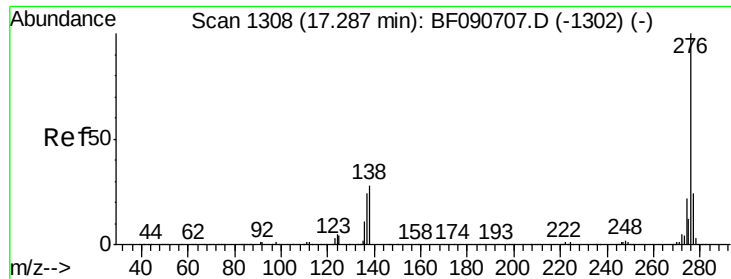
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#90
Dibenzo(a,h)anthracene
Concen: 47.86 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090758.D
Acq: 22 Oct 2016 13:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	26.3	39.5
279	24.6	18.2	27.4





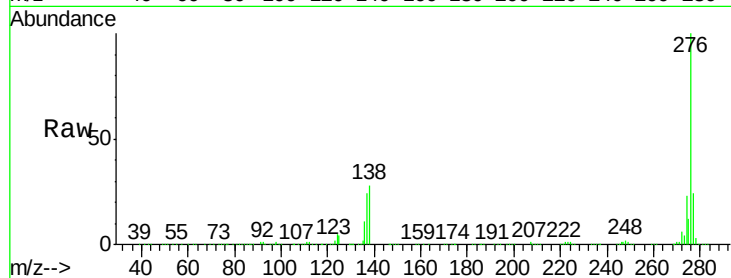
#91
 Benzo(a,h,i)perylene
 Concen: 46.75 ng
 RT: 17.30 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF090758.D
 Acq: 22 Oct 2016 13:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-01S-101916MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.8	26.6
138	27.8	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:52:45 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

