

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090733.D
 Acq On : 22 Oct 2016 1:54
 Operator : UM/SJ
 Sample : H5308-08MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Manual Integrations
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Quant Time: Oct 24 11:20:03 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	261934	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1062138	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	549040	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	833102	20.00	ng	0.00
75) Chrysene-d12	14.02	240	543200	20.00	ng	0.00
86) Perylene-d12	15.46	264	386345	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	940393	57.90	ng	0.01
7) Phenol-d6	6.50	99	774161	35.19	ng	0.00
23) Nitrobenzene-d5	7.42	82	1538735	79.46	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	616692	141.91	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2973738	84.08	ng	0.00
78) Terphenyl-d14	12.97	244	2434000	102.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	123022	13.09	ng	83
3) Pyridine	3.30	79	229486	10.42	ng	# 77
4) n-Nitrosodimethylamine	3.23	42	99877	13.26	ng	80
6) Aniline	6.52	93	499975	20.05	ng	# 85
8) 2-Chlorophenol	6.65	128	650007	33.34	ng	98
9) Benzaldehyde	6.41	77	162779	13.53	ng	# 83
10) Phenol	6.51	94	325825	13.18	ng	# 54
11) bis(2-Chloroethyl)ether	6.59	93	784614	37.76	ng	97
12) 1,3-Dichlorobenzene	6.79	146	719731	36.75	ng	# 92
13) 1,4-Dichlorobenzene	6.87	146	795686	38.30	ng	# 92
14) 1,2-Dichlorobenzene	7.02	146	733042	36.05	ng	# 88
15) Benzyl Alcohol	7.00	79	414041	27.71	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1010864	32.48	ng	71
17) 2-Methylphenol	7.13	107	433344	29.50	ng	# 79
18) Hexachloroethane	7.37	117	278374	33.01	ng	90
19) n-Nitroso-di-n-propylamine	7.29	70	606184	37.00	ng	# 66
20) 3+4-Methylphenols	7.27	107	440753	25.31	ng	# 53
22) Acetophenone	7.27	105	1066501	45.06	ng	# 86
24) Nitrobenzene	7.45	77	893598	42.57	ng	# 73
25) Isophorone	7.69	82	1605398	43.79	ng	# 92
26) 2-Nitrophenol	7.77	139	406193	47.36	ng	# 91
27) 2,4-Dimethylphenol	7.80	122	488554	32.13	ng	# 80
28) bis(2-Chloroethoxy)methane	7.90	93	975181	48.63	ng	# 96
29) 2,4-Dichlorophenol	8.01	162	607577	48.68	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	680817	46.35	ng	97
31) Naphthalene	8.17	128	2185497	42.06	ng	96
32) Benzoic acid	7.90	122	126816	17.52	ng	# 69
33) 4-Chloroaniline	8.21	127	439633	22.82	ng	# 88
34) Hexachlorobutadiene	8.28	225	361595	43.78	ng	98
35) Caprolactam	8.60	113	25175	7.06	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	569769	39.25	ng	# 77
37) 2-Methylnaphthalene	8.86	142	1497146	49.31	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	656289	44.27	ng	99
40) Hexachlorocyclopentadiene	9.01	237	711746	102.26	ng	96

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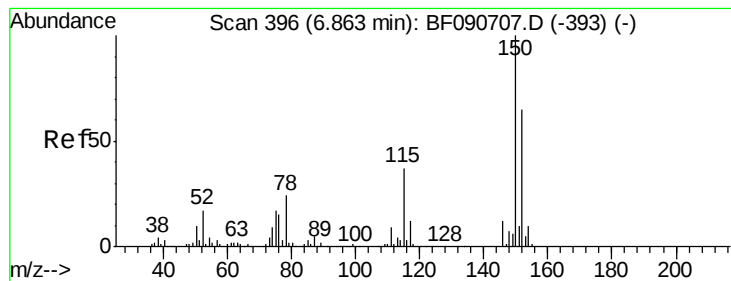
Manual Integrations
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 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	479279	52.13	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	424719	45.52	nq	95
45) 1,1'-Biphenyl	9.32	154	1827468	42.38	nq	91
46) 2-Chloronaphthalene	9.34	162	1416866	44.21	nq	# 89
47) 2-Nitroaniline	9.45	65	283571	26.66	nq	88
48) Acenaphthylene	9.77	152	2215221	45.30	nq	95
49) Dimethylphthalate	9.63	163	1649186	47.80	nq	# 97
50) 2,6-Dinitrotoluene	9.69	165	342446	46.16	nq	# 61
51) Acenaphthene	9.94	154	1598975	49.26	nq	88
52) 3-Nitroaniline	9.86	138	94609	11.09	nq	# 64
53) 2,4-Dinitrophenol	9.97	184	313454m	75.76	nq	
54) Dibenzofuran	10.11	168	1994625	50.72	nq	# 85
55) 4-Nitrophenol	10.02	139	165422	35.17	nq	# 22
56) 2,4-Dinitrotoluene	10.10	165	520491	57.40	nq	# 99
57) Fluorene	10.45	166	1595754	48.97	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.22	232	384226	52.48	nq	96
59) Diethylphthalate	10.33	149	1640464	45.84	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	737847	49.54	nq	# 87
61) 4-Nitroaniline	10.47	138	74588	8.64	nq	# 51
62) Azobenzene	10.60	77	1858988	44.37	nq	86
64) 4,6-Dinitro-2-methylphenol	10.50	198	226362	43.04	nq	87
65) n-Nitrosodiphenylamine	10.57	169	1372278	51.41	nq	90
66) 4-Bromophenyl-phenylether	10.93	248	458955	56.83	nq	99
67) Hexachlorobenzene	11.00	284	547874	57.49	nq	# 81
68) Atrazine	11.09	200	370140	50.24	nq	85
69) Pentachlorophenol	11.19	266	565647	89.79	nq	97
70) Phenanthrene	11.41	178	2139534m	50.38	nq	
71) Anthracene	11.46	178	2166275	46.00	nq	96
72) Carbazole	11.62	167	1931181	49.05	nq	# 92
73) Di-n-butylphthalate	11.95	149	2411439	47.22	nq	# 96
74) Fluoranthene	12.60	202	2116629	51.53	nq	88
76) Benzidine	12.73	184	49483	4.10	nq	# 94
77) Pyrene	12.83	202	2045492	53.92	nq	95
79) Butylbenzylphthalate	13.45	149	1043299	59.83	nq	93
80) Benzo(a)anthracene	14.02	228	1480005	49.79	nq	97
81) 3,3'-Dichlorobenzidine	13.97	252	78448	7.62	nq	# 96
82) Chrysene	14.05	228	1604226m	55.29	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1276435	51.16	nq	97
84) Di-n-octyl phthalate	14.61	149	1871028	49.41	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.86	276	1250036	49.39	nq	# 95
87) Benzo(b)fluoranthene	15.05	252	1220149	51.36	nq	# 89
88) Benzo(k)fluoranthene	15.07	252	1175588m	49.24	nq	
89) Benzo(a)pyrene	15.40	252	1088390	48.83	nq	# 87
90) Dibenzo(a,h)anthracene	16.89	278	1071526	50.07	nq	# 83
91) Benzo(g,h,i)perylene	17.30	276	1041427	50.17	nq	# 78

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



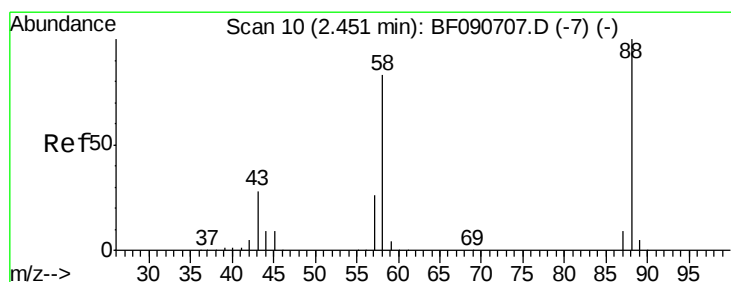
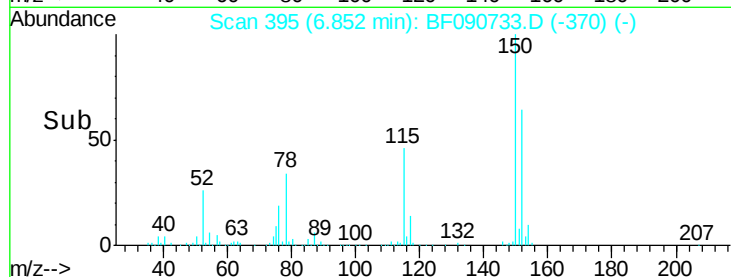
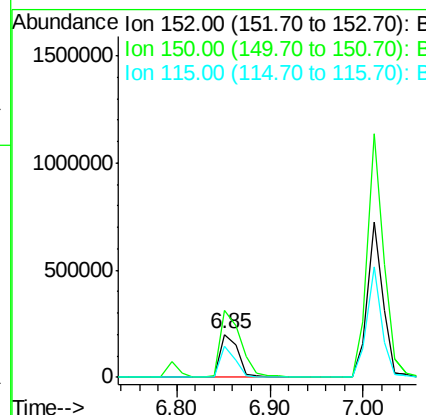
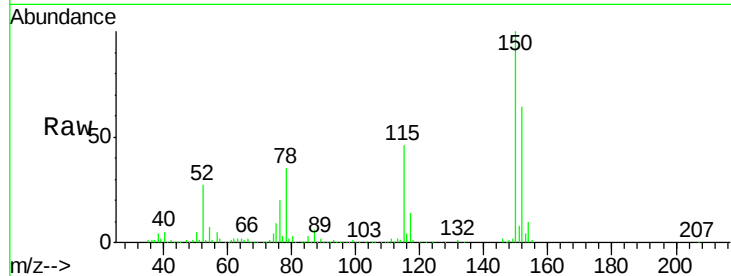
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	72.0	39.0	58.4

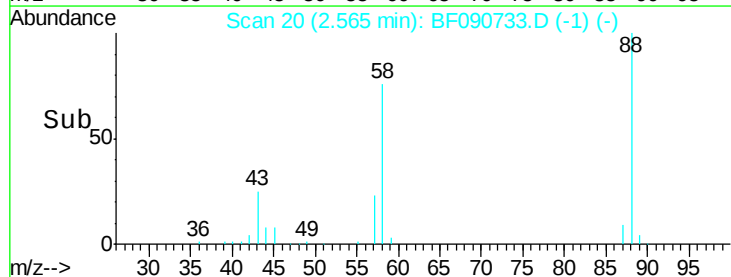
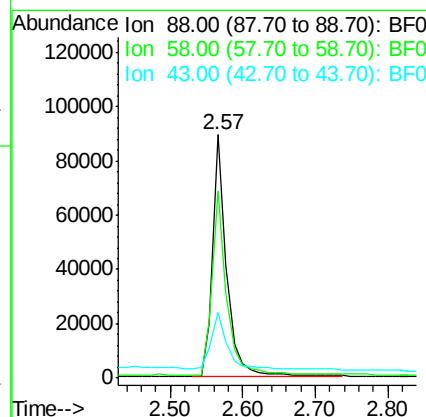
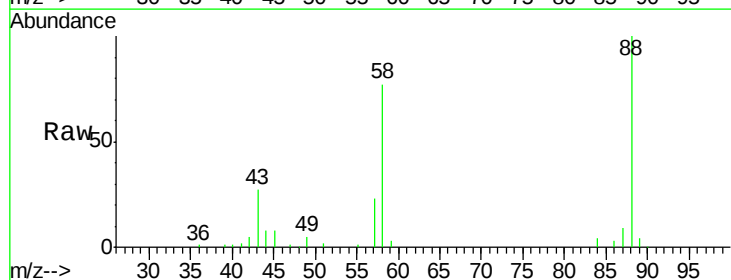
Manual Integrations
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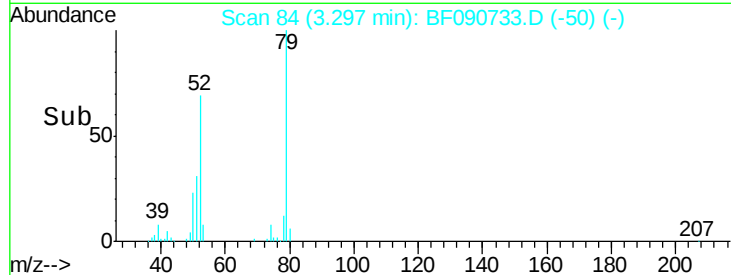
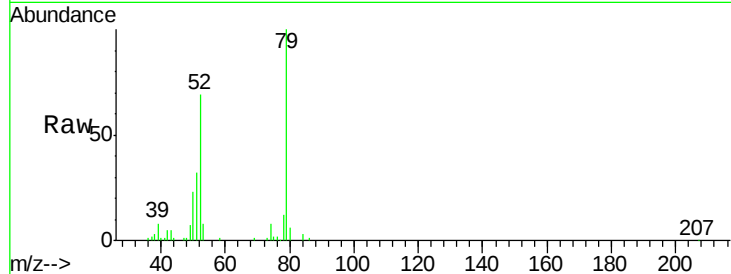
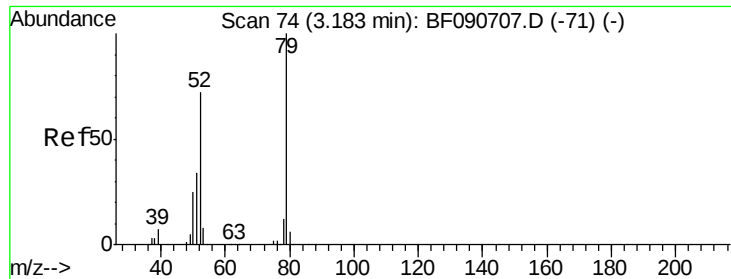
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#2
 1,4-Dioxane
 Concen: 13.09 ng
 RT: 2.57 min Scan# 20
 Delta R.T. 0.08 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	77.7	116.5
43	26.8	26.6	40.0





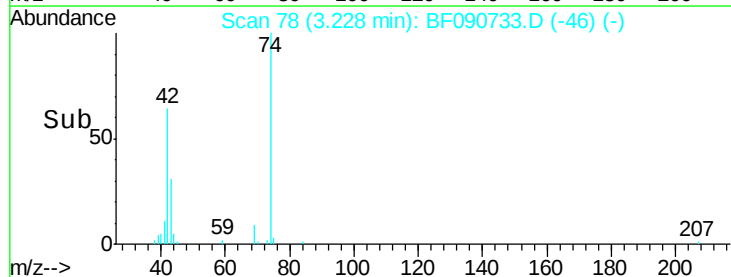
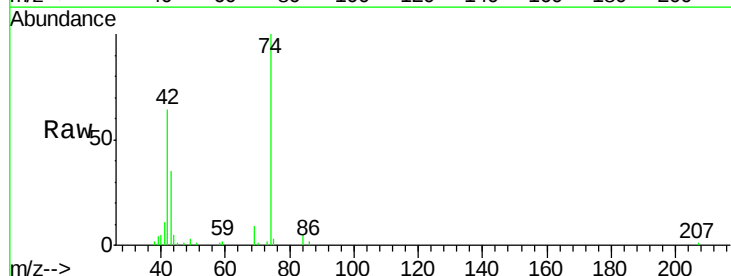
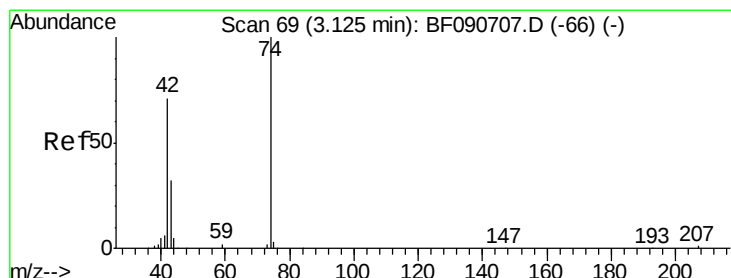
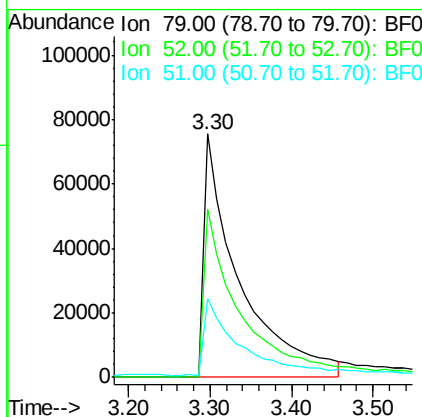
#3
 Pvridine
 Concen: 10.42 ng
 RT: 3.30 min Scan# 84
 Delta R.T. 0.09 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	76.8	115.2#
51	32.2	32.2	48.4#

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

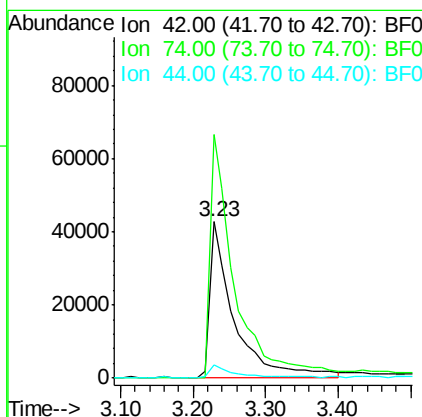
Manual Integrations
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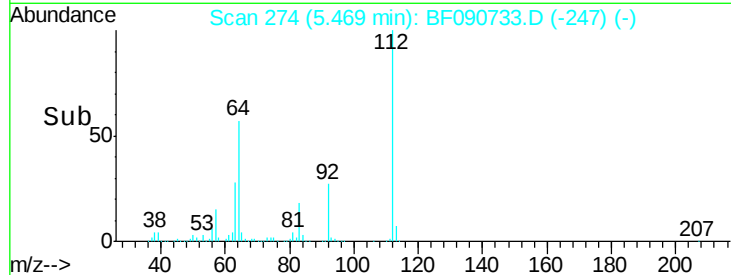
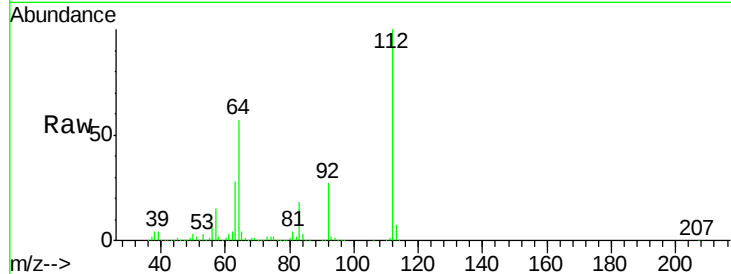
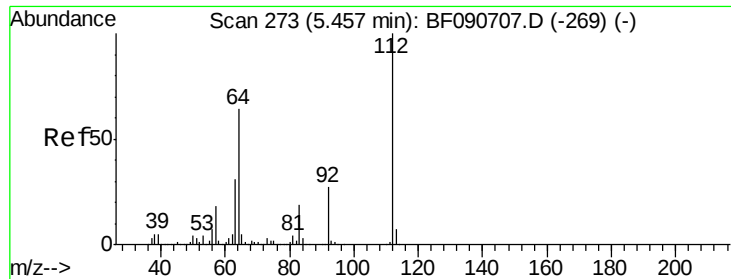
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#4
 n-Nitrosodimethylamine
 Concen: 13.26 ng
 RT: 3.23 min Scan# 78
 Delta R.T. 0.07 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	156.0	105.0	157.6
44	8.2	6.6	10.0





#5

2-Fluorophenol

Concen: 57.90 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

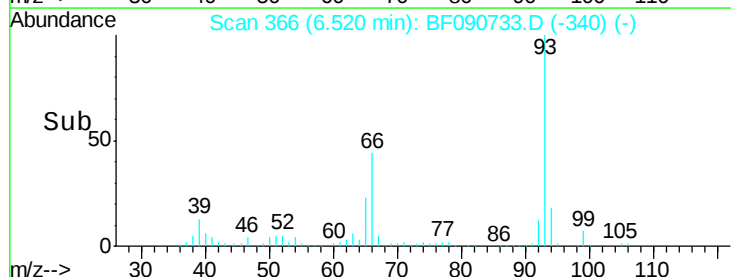
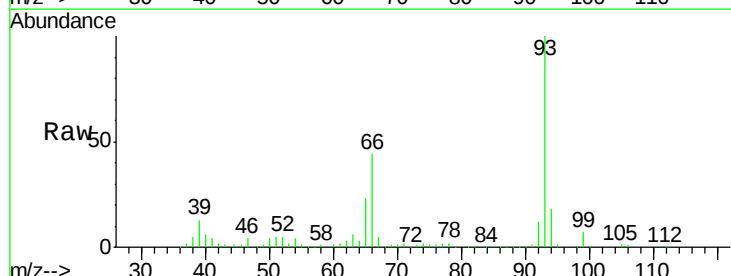
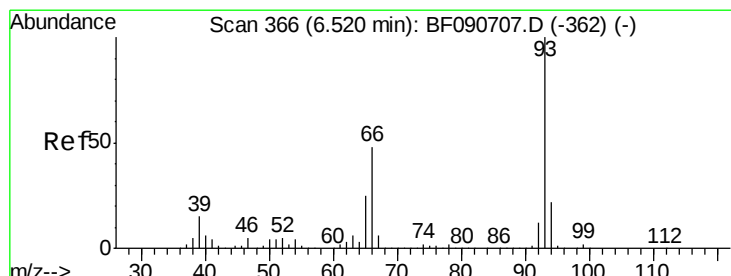
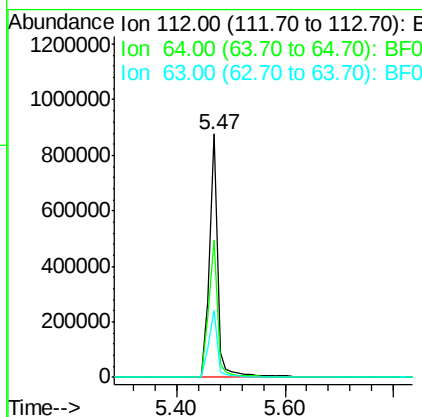
ClientSampleId :

MW-102DMSD

Tot Ion:	112	Resp:	940393
Ion Ratio	Lower	Upper	
112	100		
64	56.6	39.7	59.5
63	27.8	17.4	26.0#

Manual Integrations
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#6

Aniline

Concen: 20.05 ng

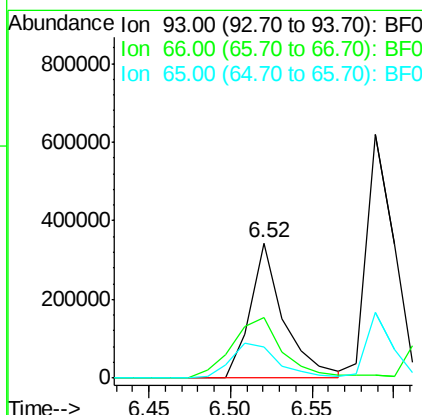
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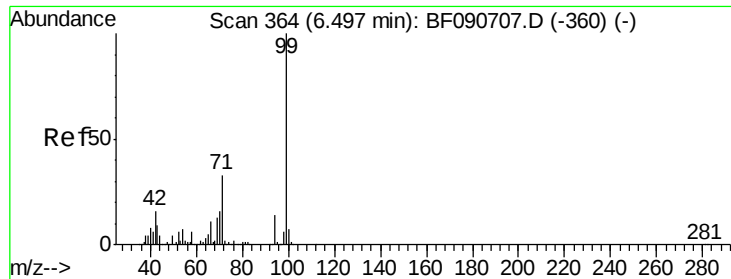
Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Tgt Ion:	93	Resp:	499975
Ion Ratio	Lower	Upper	
93	100		
66	44.4	27.2	40.8#
65	23.1	14.7	22.1#





#7

Phenol-d6

Concen: 35.19 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion: 99 Resp: 774161

Ion Ratio Lower Upper

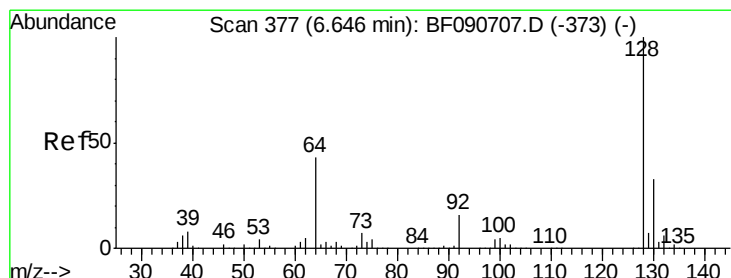
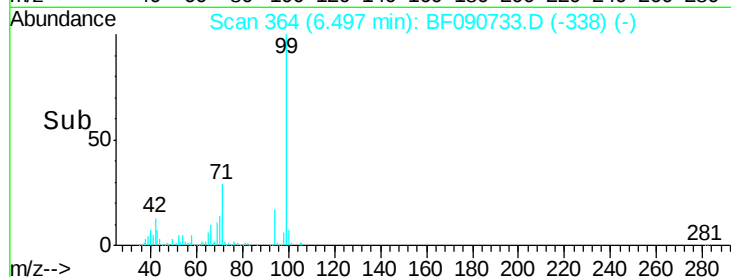
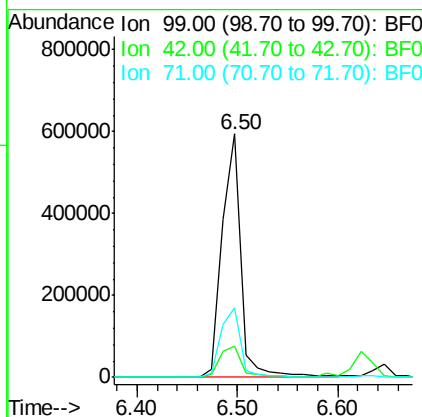
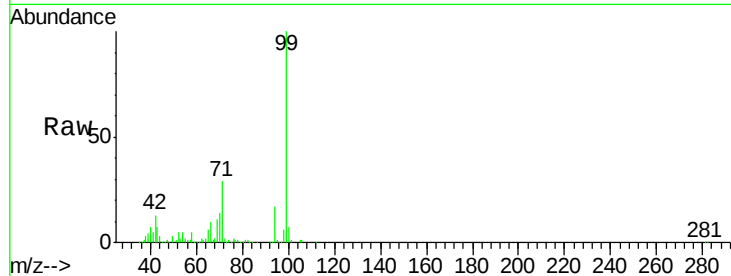
99 100

42 12.6 13.7 20.5#

71 28.8 14.2 21.2#

Manual Integrations
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#8

2-Chlorophenol

Concen: 33.34 ng

RT: 6.65 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

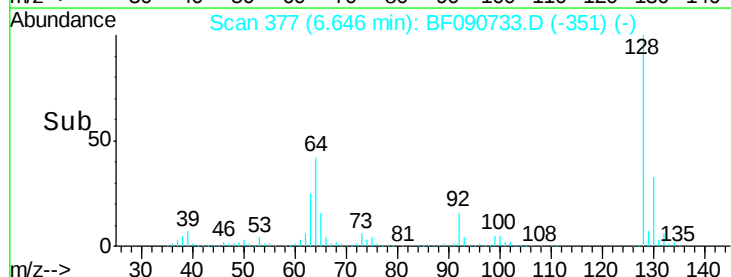
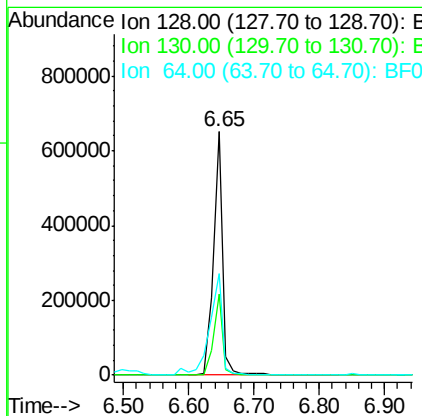
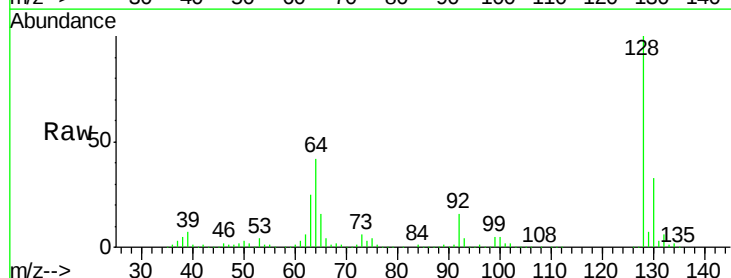
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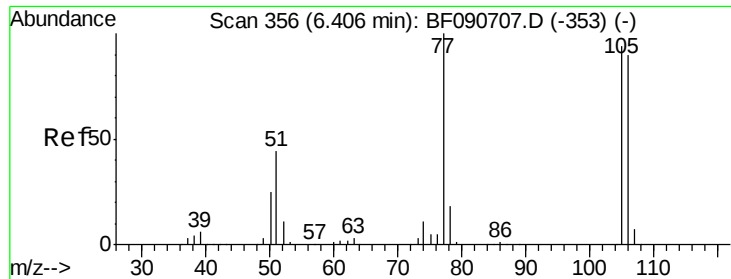
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

64 41.7 20.5 60.5





#9

Benzaldehyde

Concen: 13.53 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion: 77 Resp: 162779

Ion Ratio Lower Upper

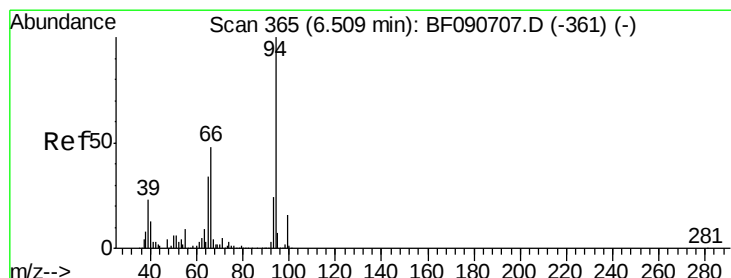
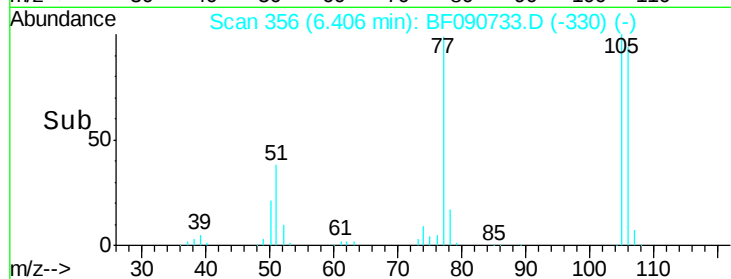
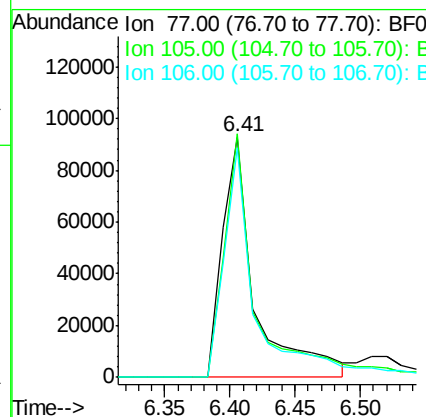
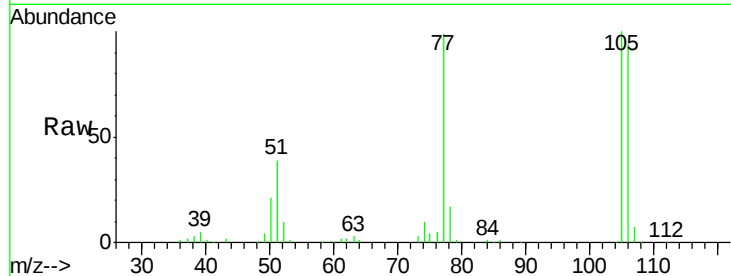
77 100

105 101.3 91.6 131.6

106 95.3 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 13.18 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

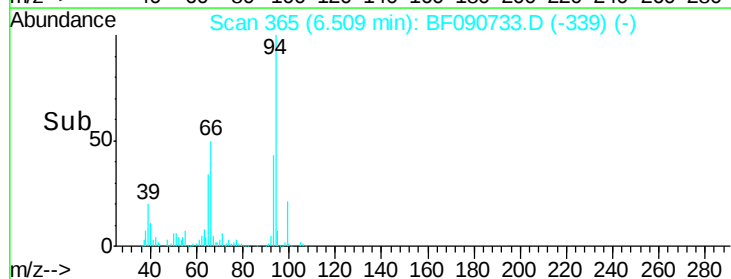
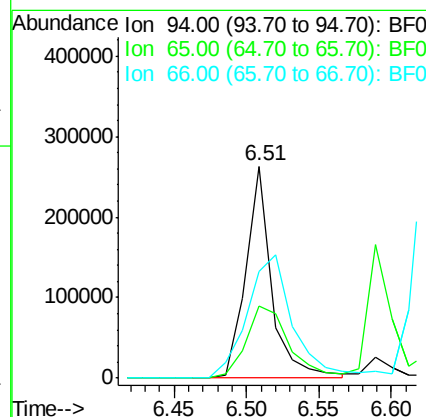
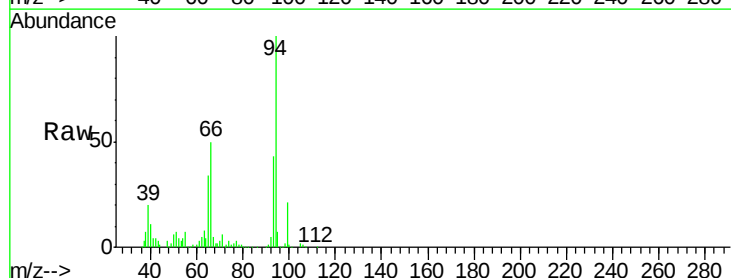
Tgt Ion: 94 Resp: 325825

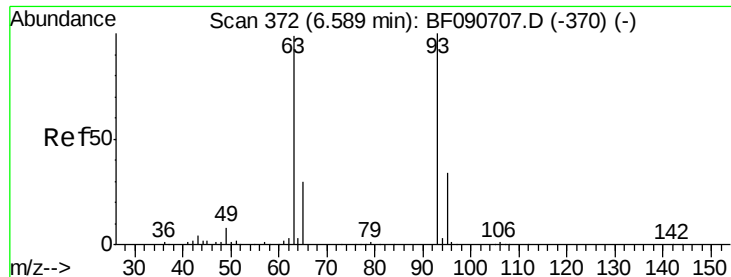
Ion Ratio Lower Upper

94 100

65 33.8 0.7 40.7

66 50.1 0.8 40.8#





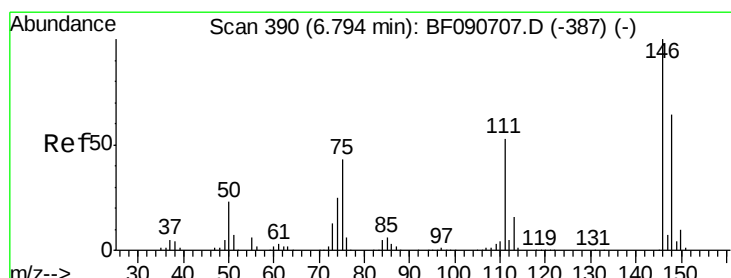
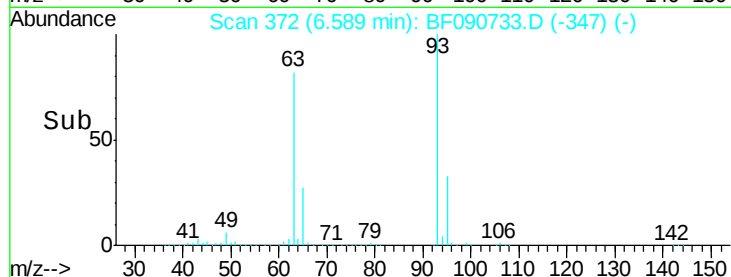
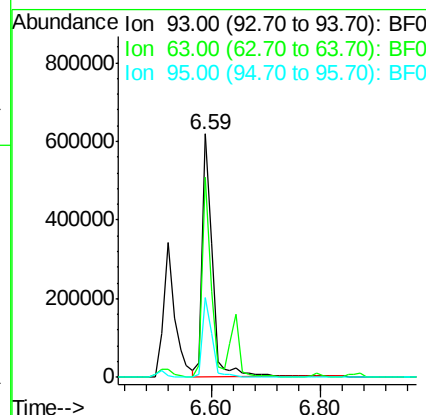
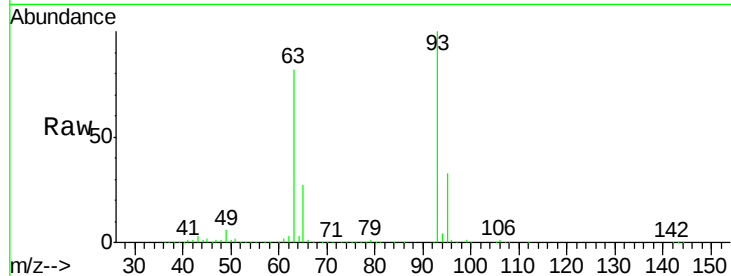
#11
bis(2-Chloroethyl)ether
Concen: 37.76 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.1	65.6	105.6
95	32.8	13.6	53.6

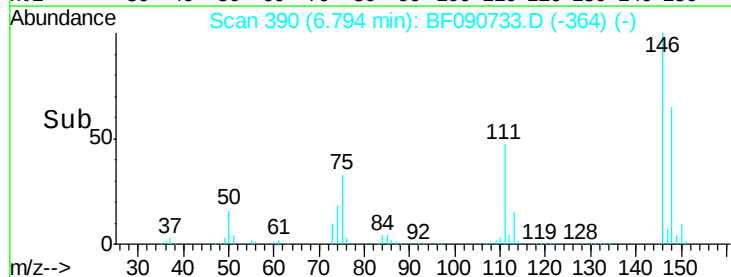
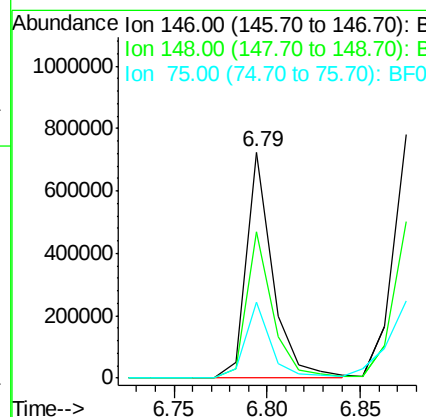
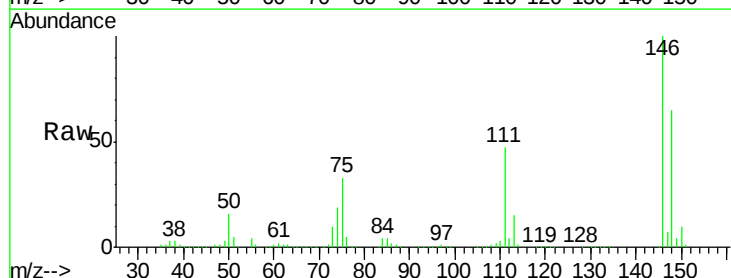
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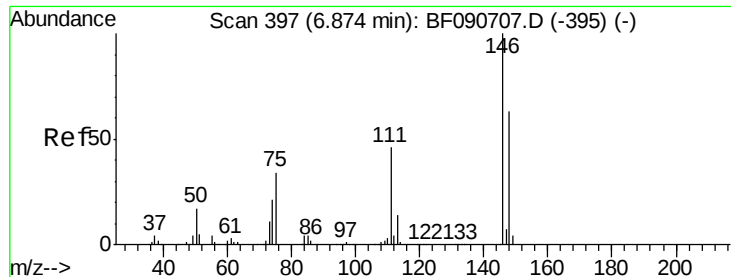
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#12
1,3-Dichlorobenzene
Concen: 36.75 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.4
75	33.5	15.0	22.6





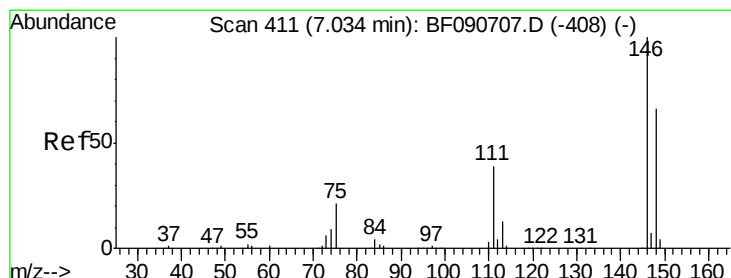
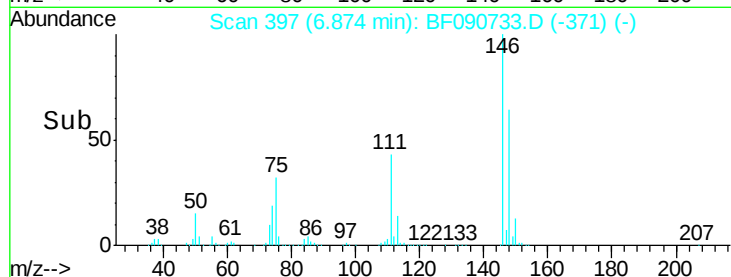
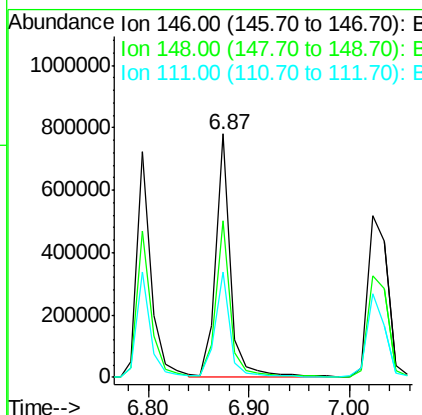
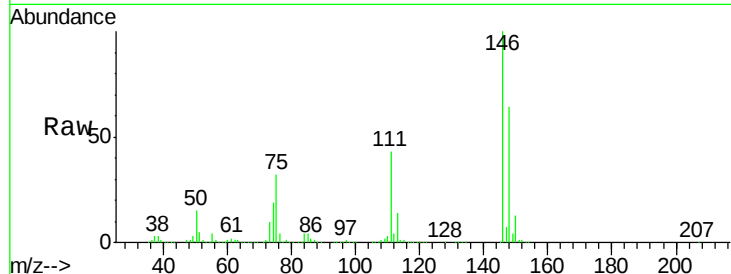
#13
 1,4-Dichlorobenzene
 Concen: 38.30 ng
 RT: 6.87 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	43.4	24.9	37.3

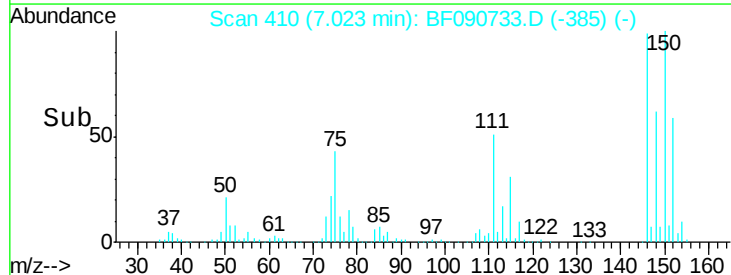
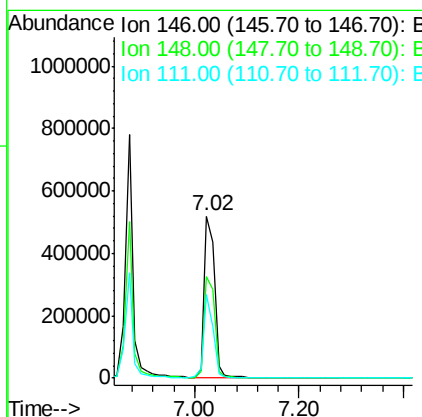
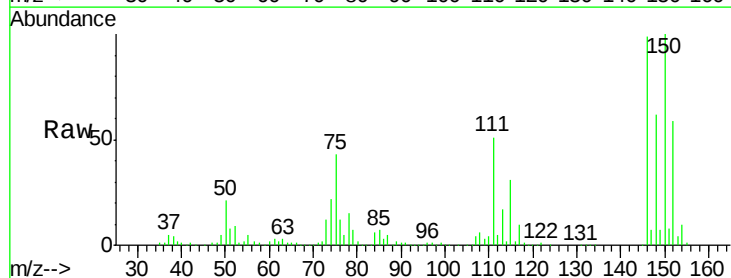
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 36.05 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.7	79.1
111	51.7	28.8	43.2





#15

Benzyl Alcohol

Concen: 27.71 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion: 79 Resp: 414041

Ion Ratio Lower Upper

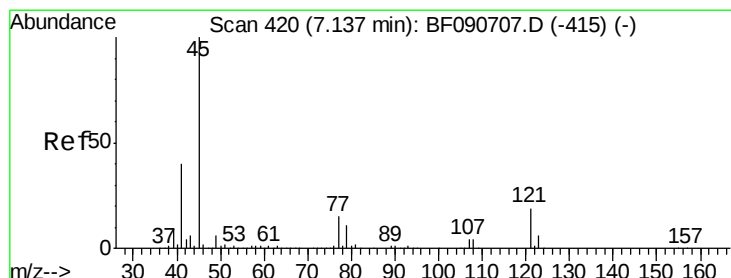
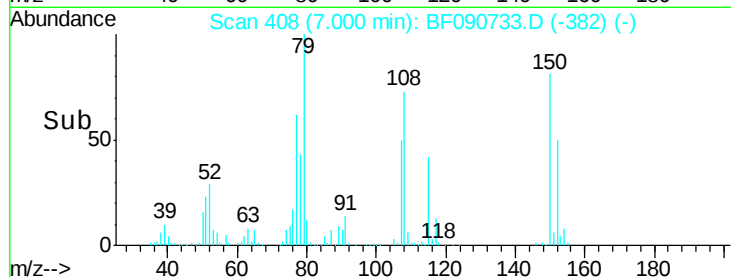
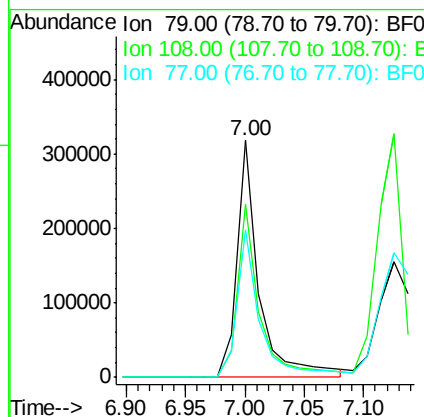
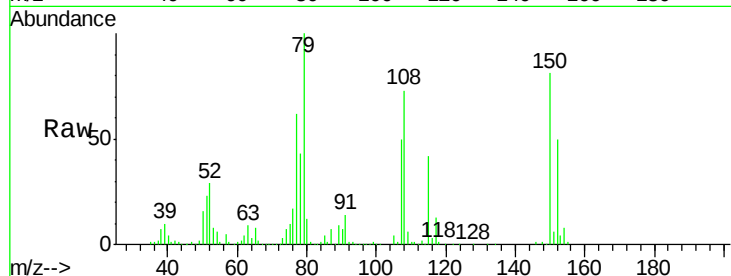
79 100

108 73.3 88.6 132.8#

77 62.5 47.0 70.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.48 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

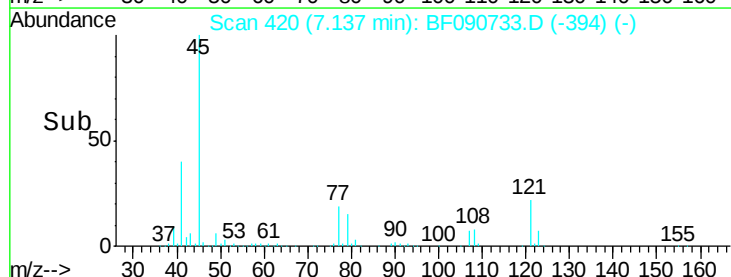
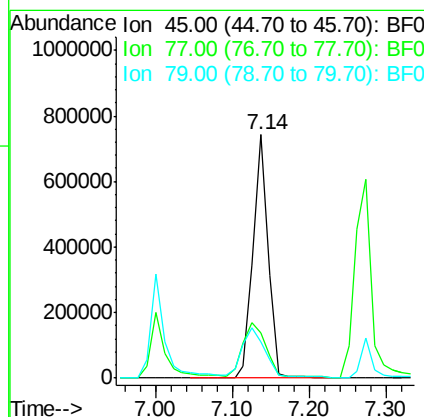
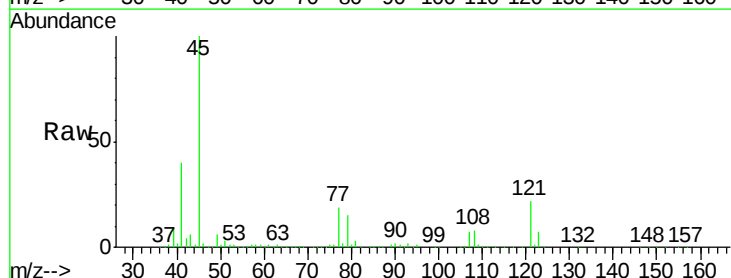
Tgt Ion: 45 Resp: 1010864

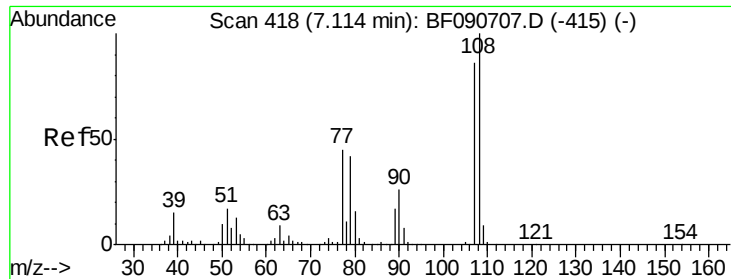
Ion Ratio Lower Upper

45 100

77 18.7 0.0 28.1

79 15.1 0.0 26.0





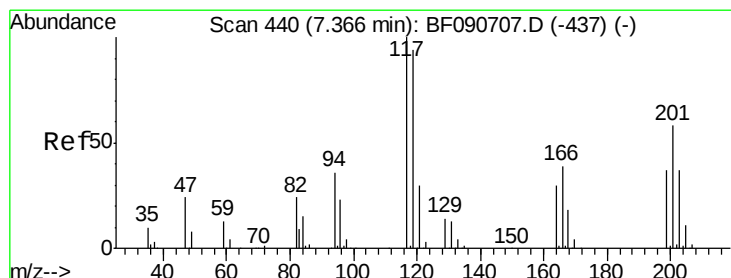
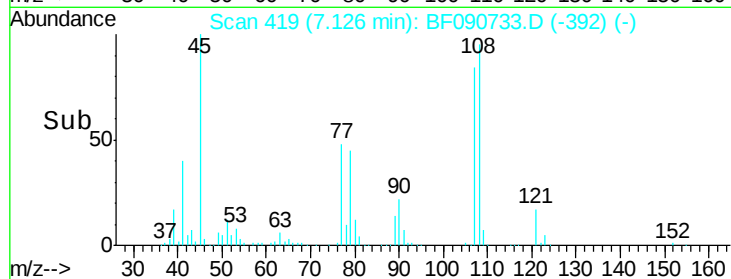
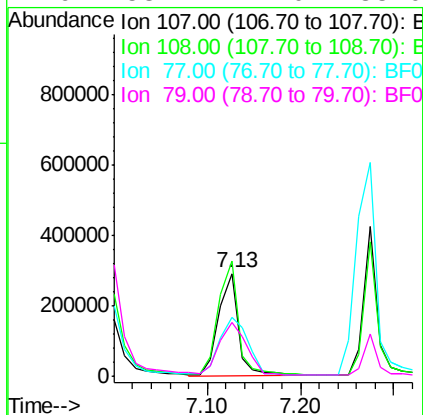
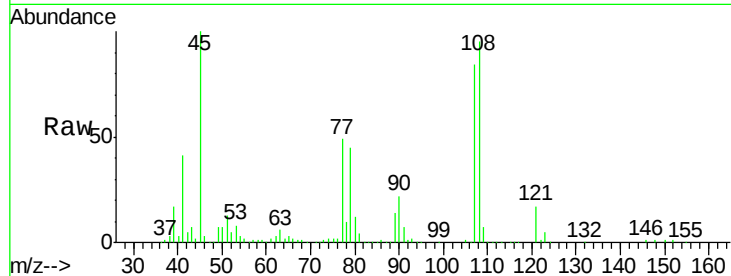
#17
2-Methylphenol
Concen: 29.50 ng
RT: 7.13 min Scan# 419
Delta R.T. 0.01 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	96.6	145.0	
77	57.6	23.3	34.9	
79	53.1	22.0	33.0	

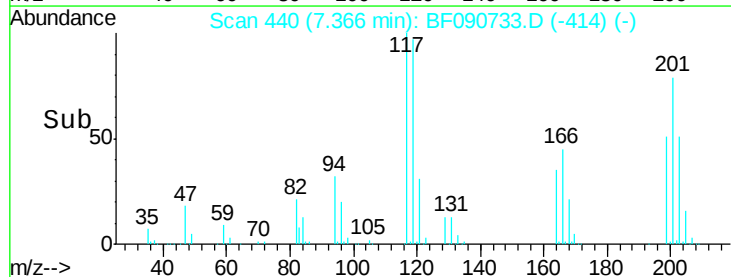
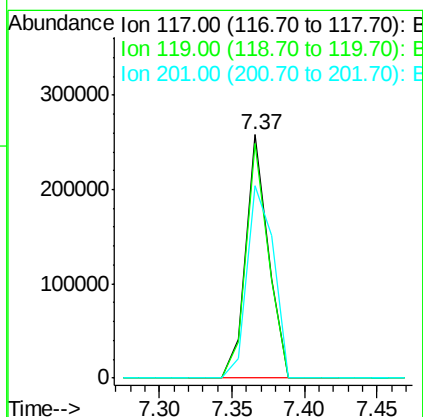
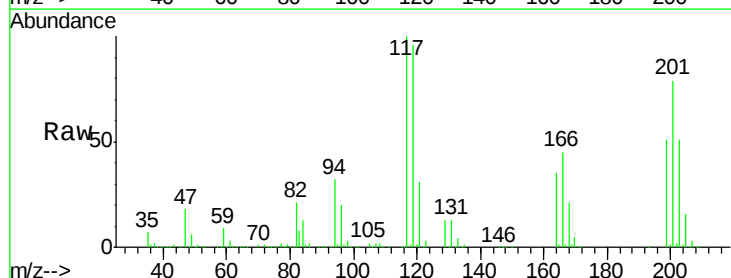
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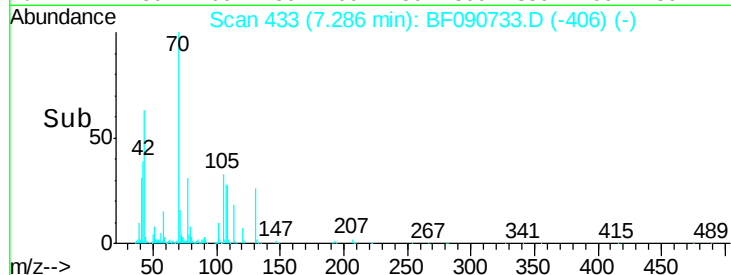
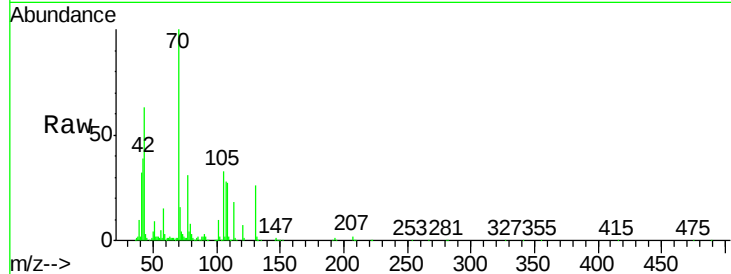
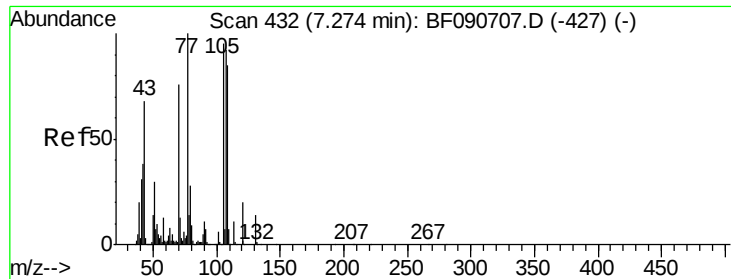
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#18
Hexachloroethane
Concen: 33.01 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	83.8	125.6	
201	79.3	55.1	82.7	





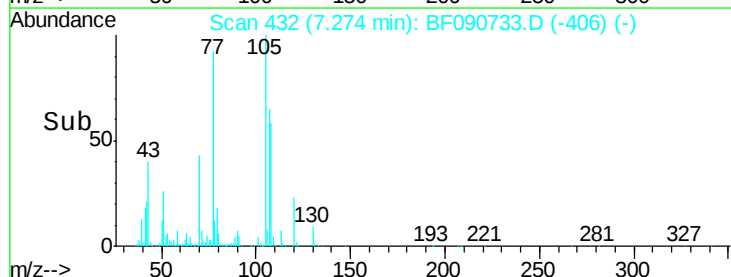
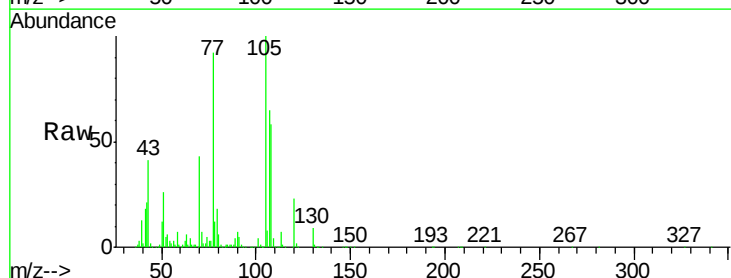
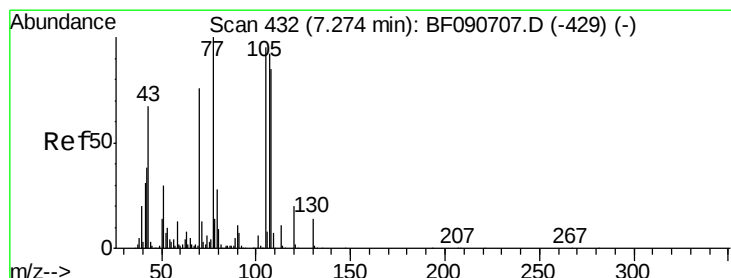
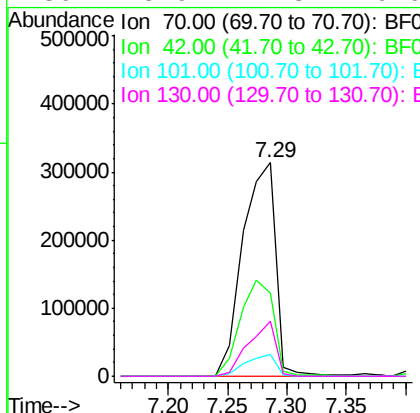
#19
n-Nitroso-di-n-propylamine
Concen: 37.00 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	38.7	63.8	95.6#
101	10.3	9.2	13.8
130	25.9	27.3	40.9#

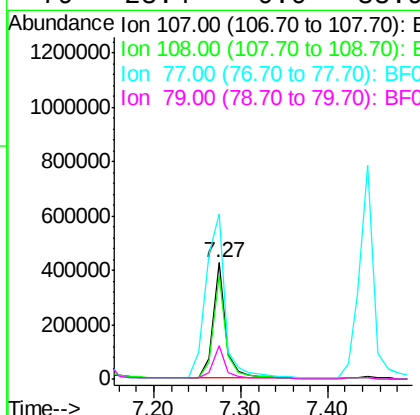
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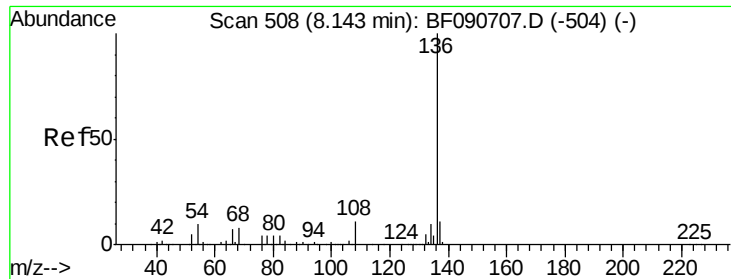
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#20
3+4-Methylphenols
Concen: 25.31 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	74.6	114.6
77	142.2	0.7	40.7#
79	28.4	0.0	38.9





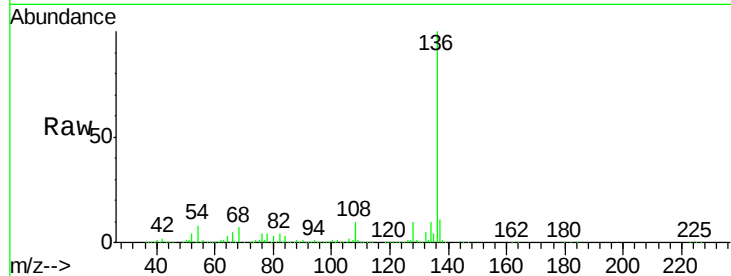
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

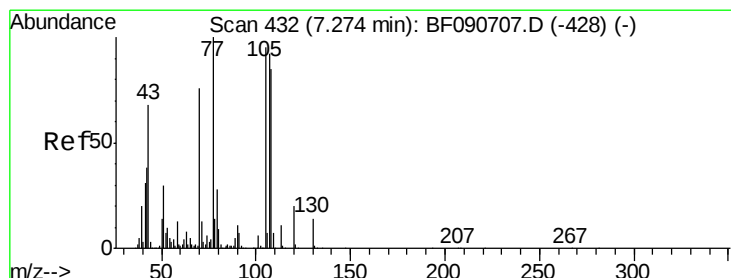
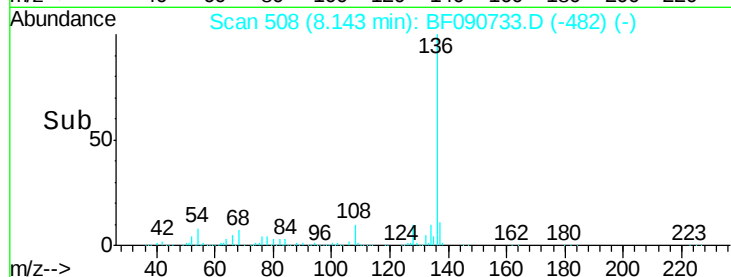
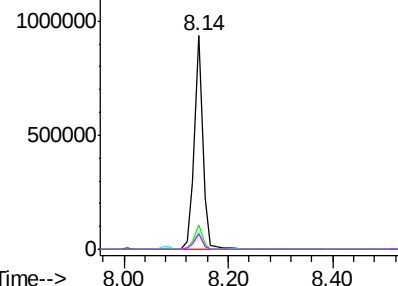
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.9	8.2	12.2#
68	7.3	5.8	8.6

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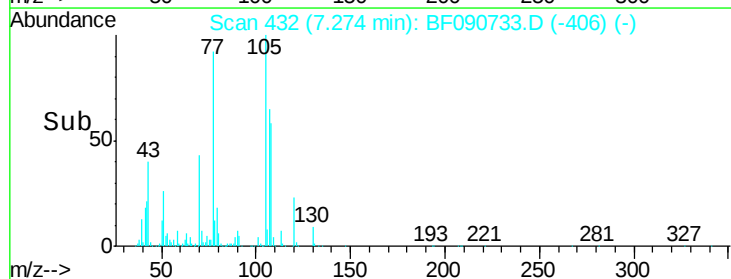
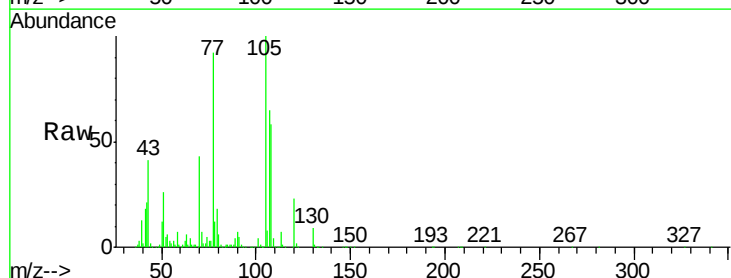
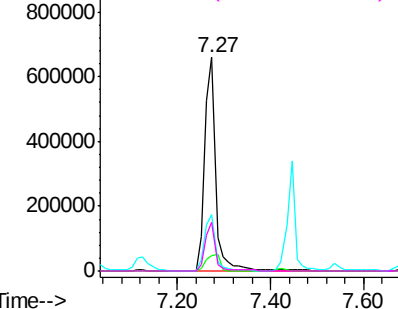
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

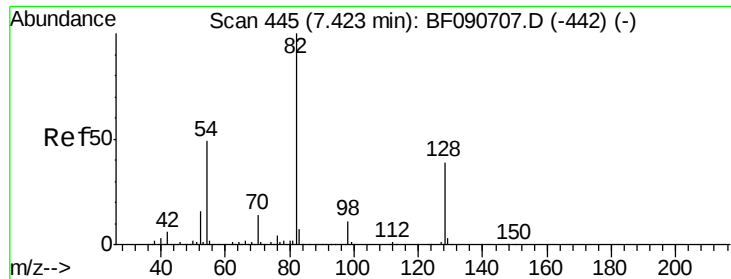


#22
Acetophenone
Concen: 45.06 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.7	7.1#
51	26.5	22.0	33.0
120	22.5	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





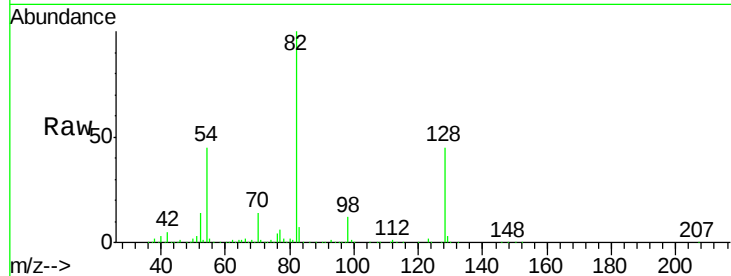
#23
Nitrobenzene-d5
Concen: 79.46 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

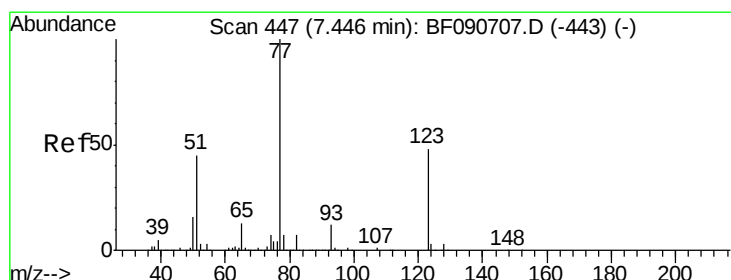
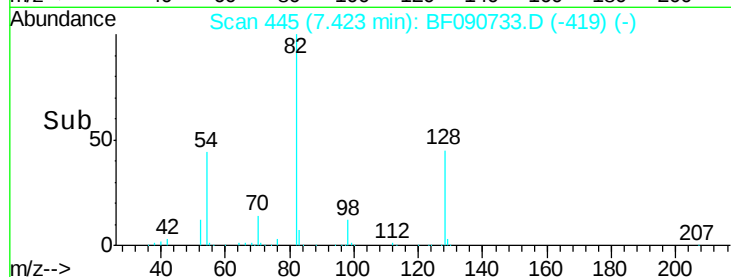
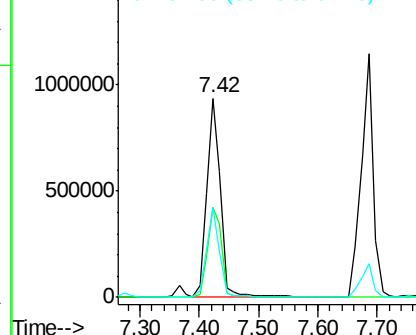
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	51.0	76.6#
54	45.2	47.5	71.3#

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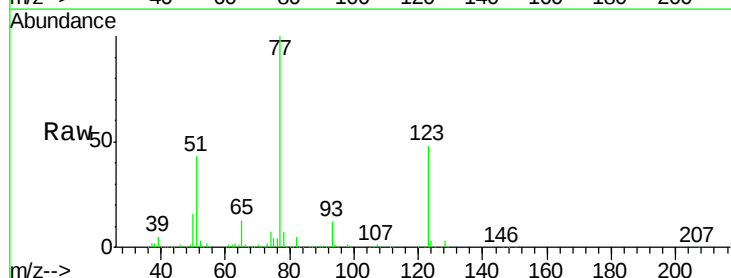


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

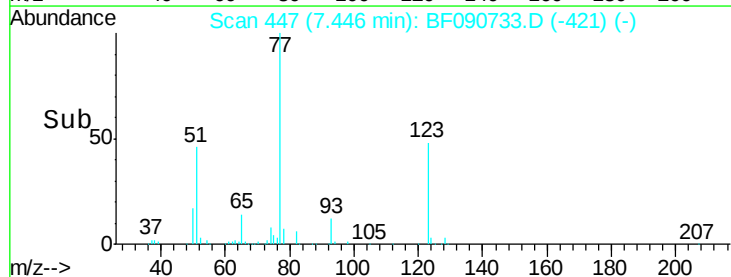
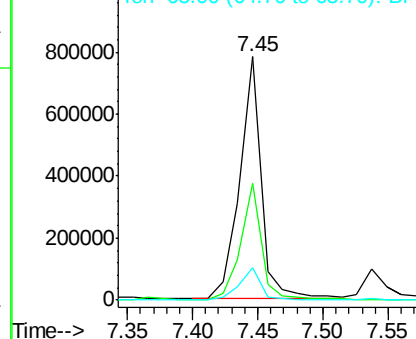


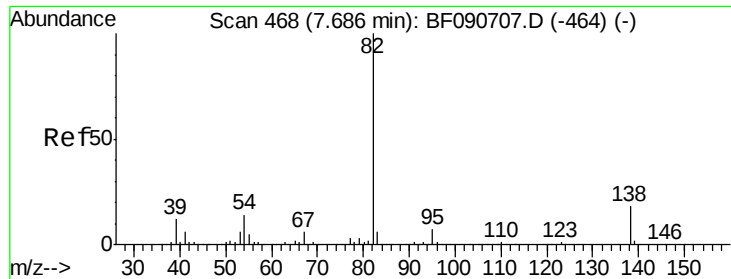
#24
Nitrobenzene
Concen: 42.57 ng
RT: 7.45 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	59.8	89.8#
65	13.2	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: 43.79 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion: 82 Resp: 1605398

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

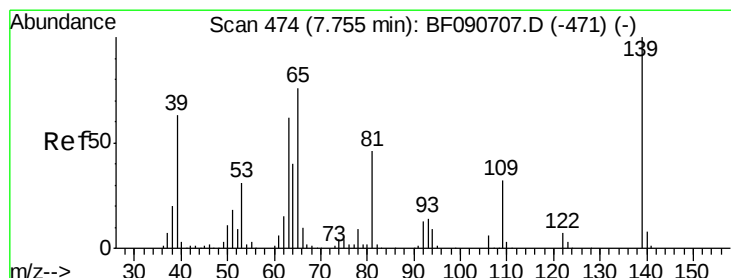
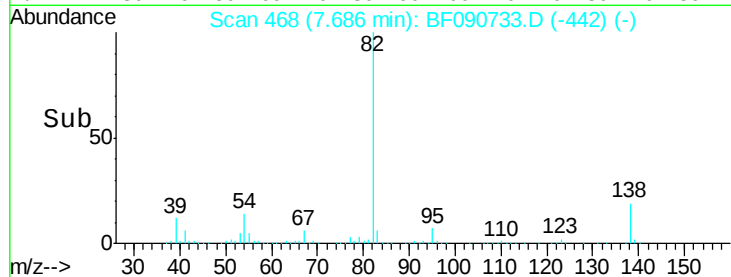
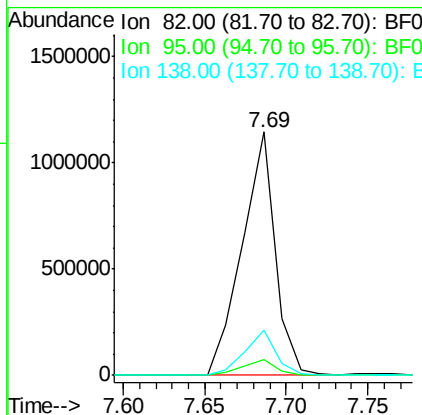
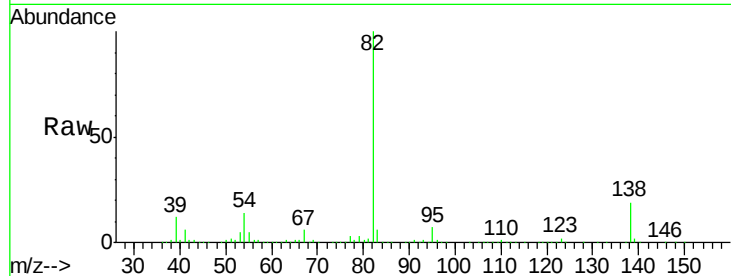
138 18.5 18.3 27.5

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#26

2-Nitrophenol

Concen: 47.36 ng

RT: 7.77 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

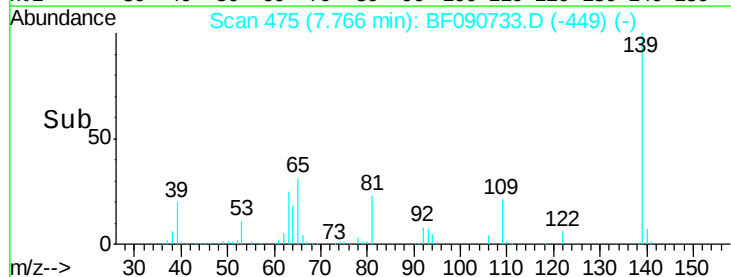
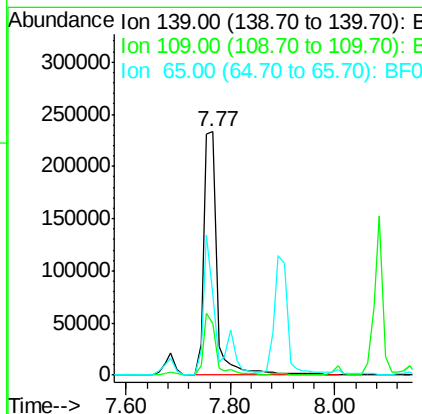
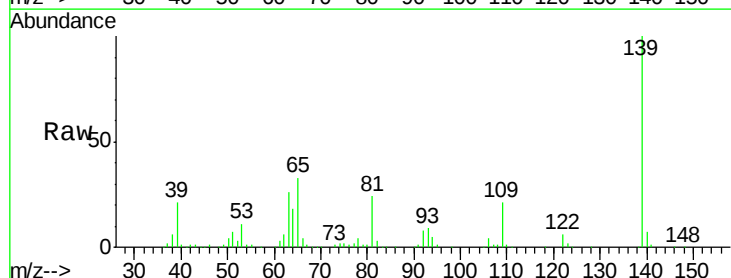
Tgt Ion: 139 Resp: 406193

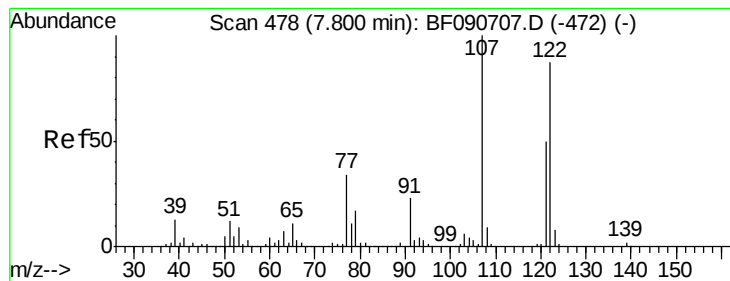
Ion Ratio Lower Upper

139 100

109 21.0 11.0 16.4#

65 33.3 24.7 37.1





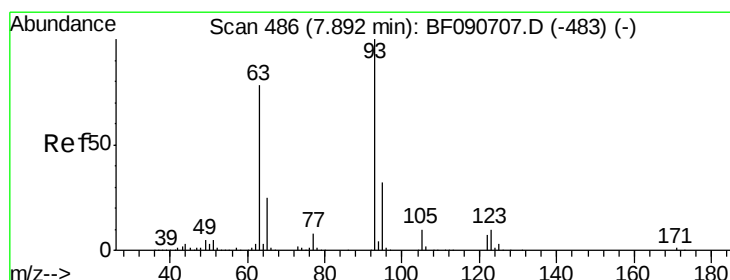
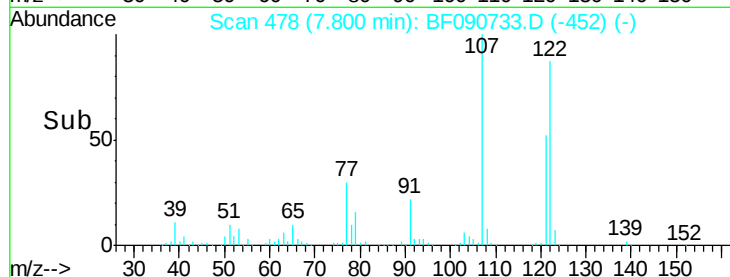
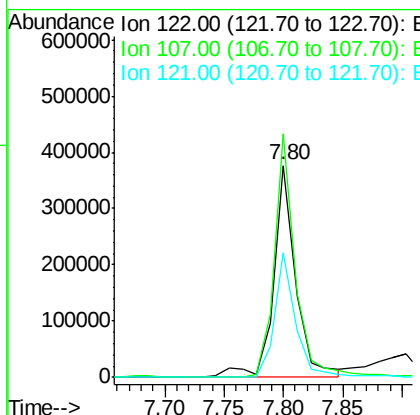
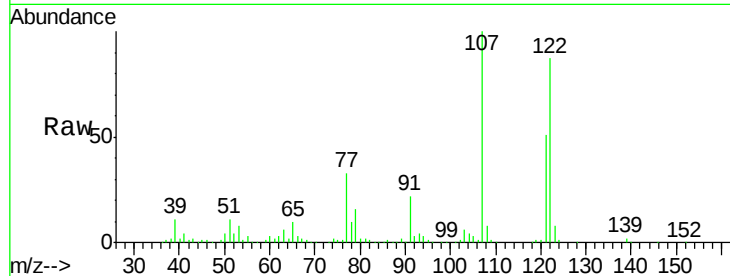
#27
 2,4-Dimethylphenol
 Concen: 32.13 ng
 RT: 7.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	71.8	107.6#
121	59.1	42.3	63.5

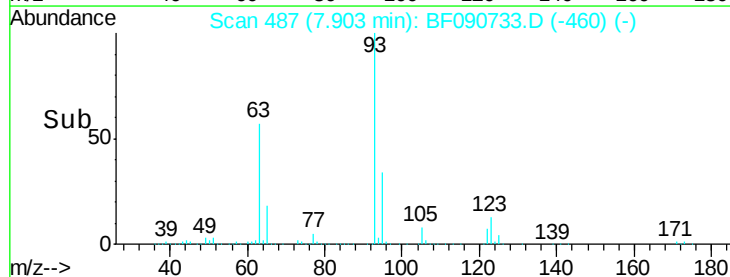
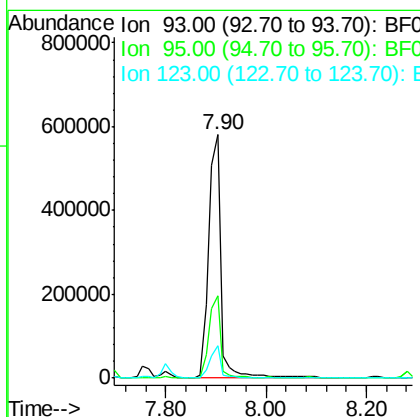
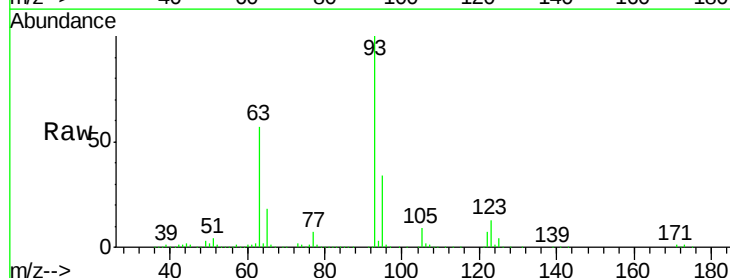
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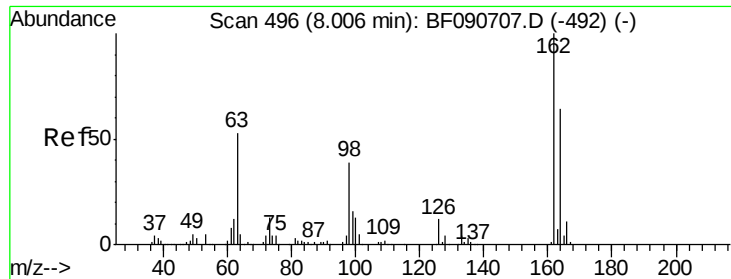
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.63 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.5	41.3
123	13.2	13.7	20.5#





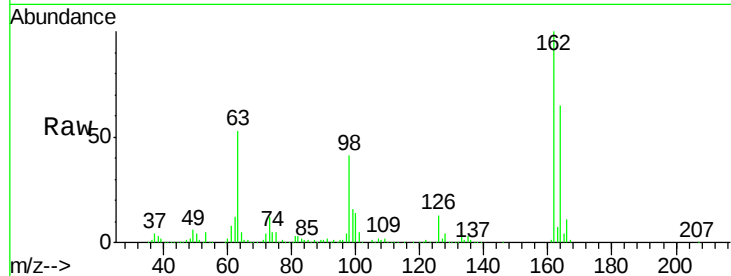
#29
2,4-Dichlorophenol
Concen: 48.68 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

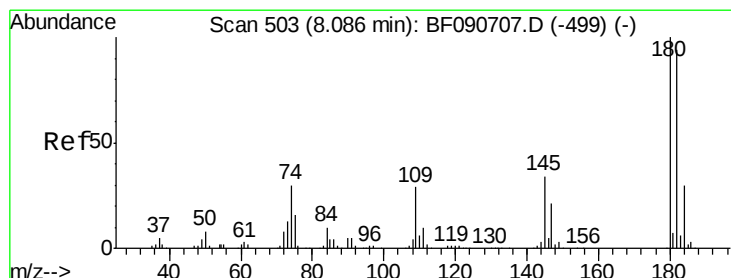
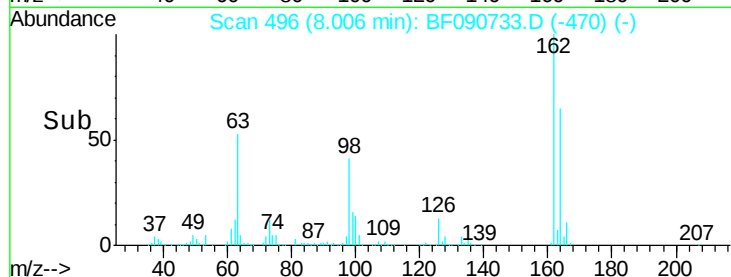
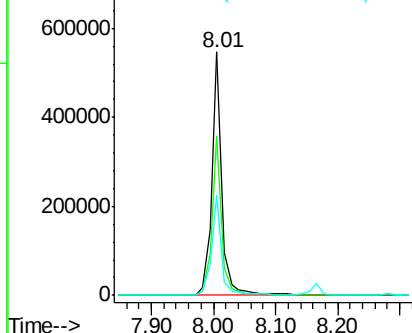
Tot Ion	Ratio	Resp	Lower	Upper
162	100	607577		
164	65.3		44.9	84.9
98	41.2		13.0	53.0

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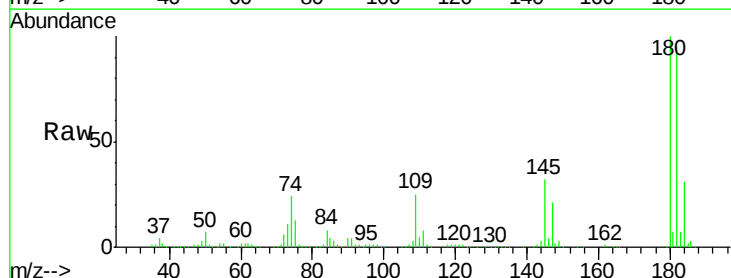


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

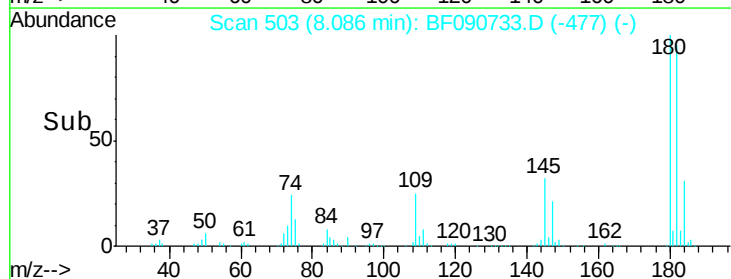
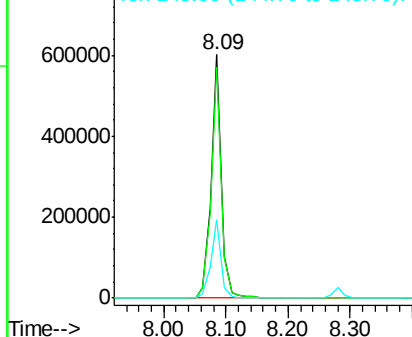


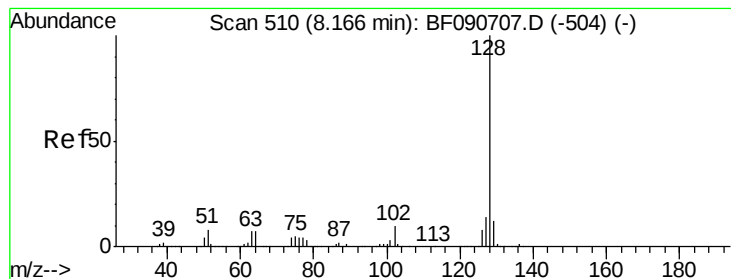
#30
1,2,4-Trichlorobenzene
Concen: 46.35 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	680817		
182	94.7		77.1	115.7
145	32.4		23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.06 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion:128 Resp: 2185497

Ion Ratio Lower Upper

128 100

129 12.0 8.4 12.6

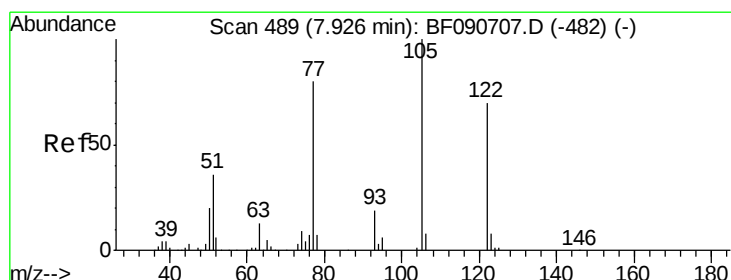
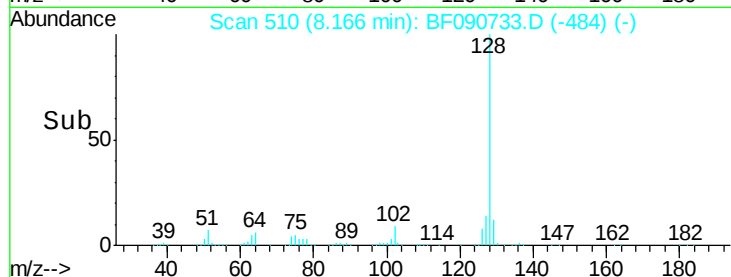
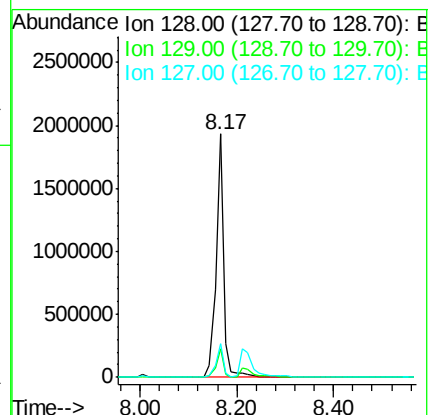
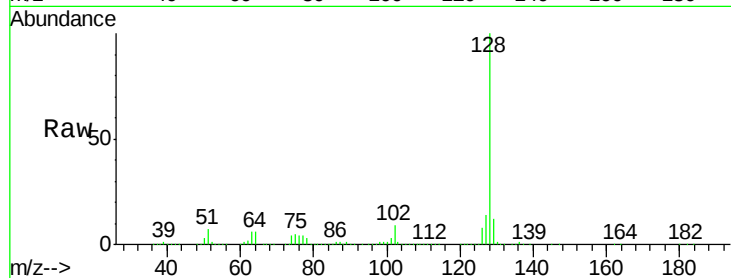
127 13.7 9.9 14.9

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#32

Benzoic acid

Concen: 17.52 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

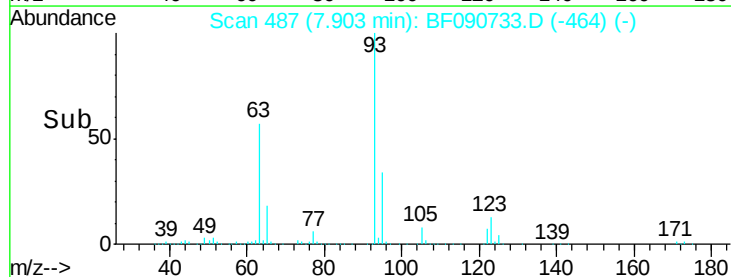
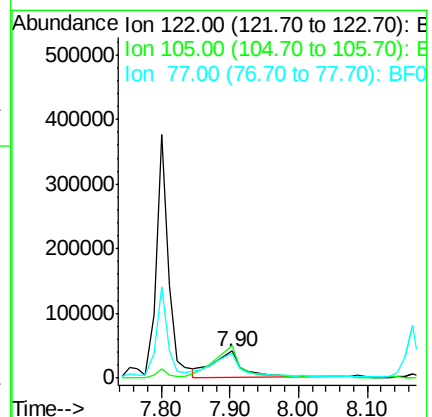
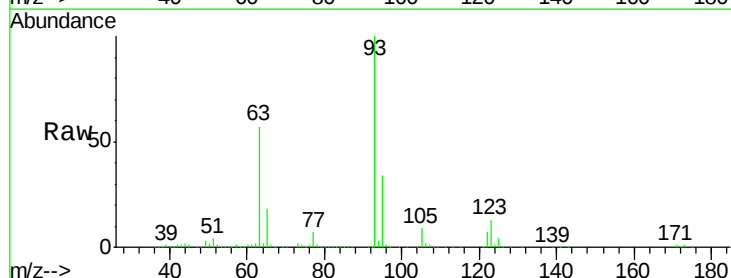
Tgt Ion:122 Resp: 126816

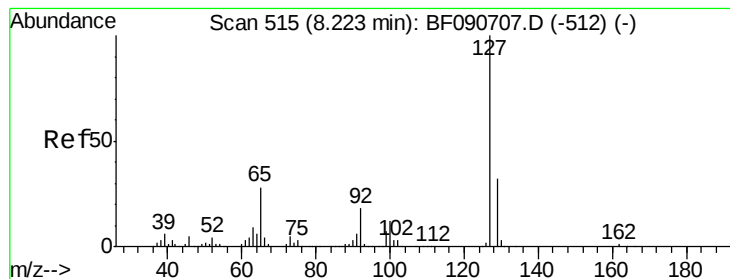
Ion Ratio Lower Upper

122 100

105 119.3 76.1 116.1#

77 93.8 40.5 80.5#





#33

4-Chloroaniline

Concen: 22.82 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

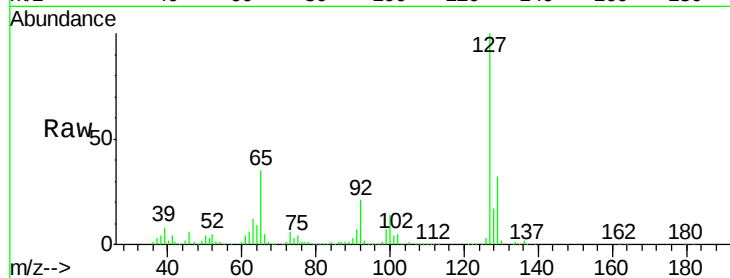
ClientSampleId :

MW-102DMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	25.8	38.6	
65	34.9	17.9	26.9	
92	20.7	10.5	15.7	

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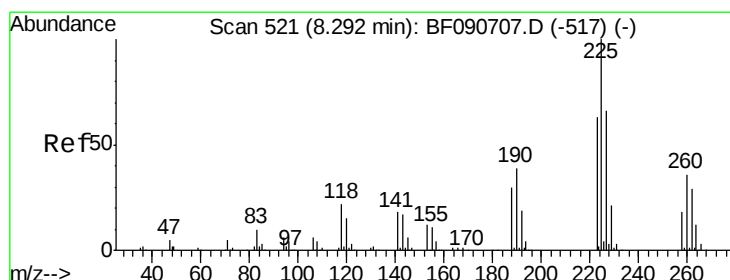
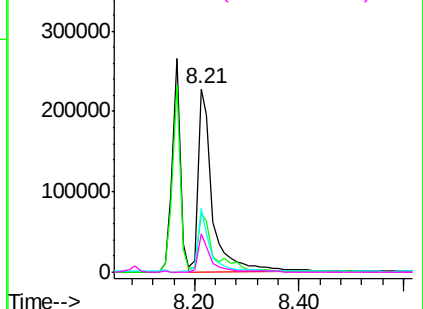
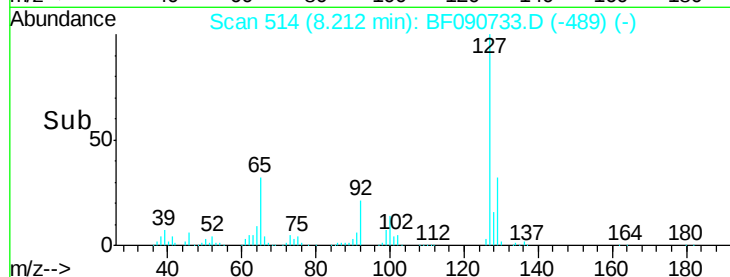


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.78 ng

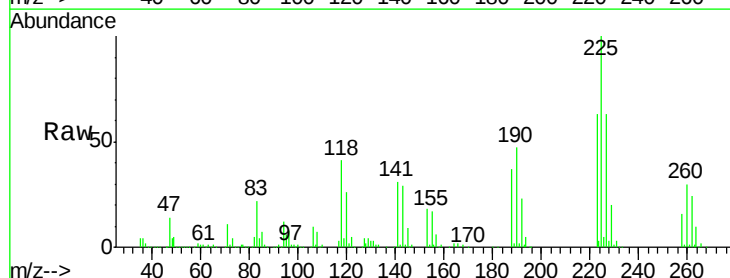
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

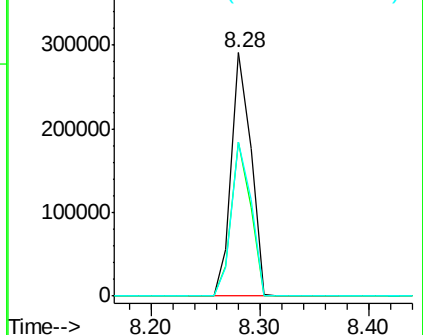
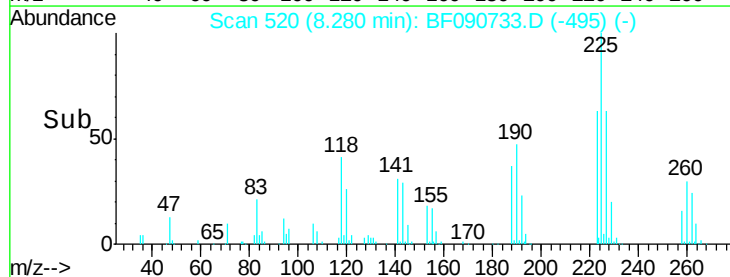
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	50.2	75.2	
227	63.2	52.2	78.2	

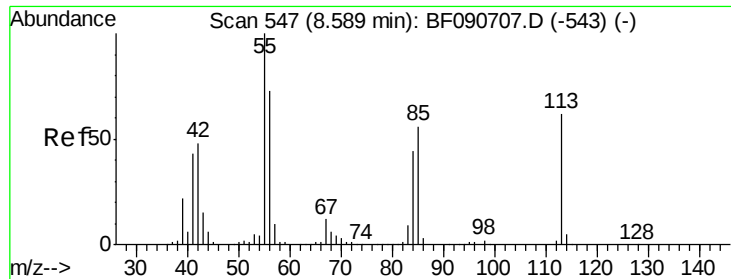


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.06 ng

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

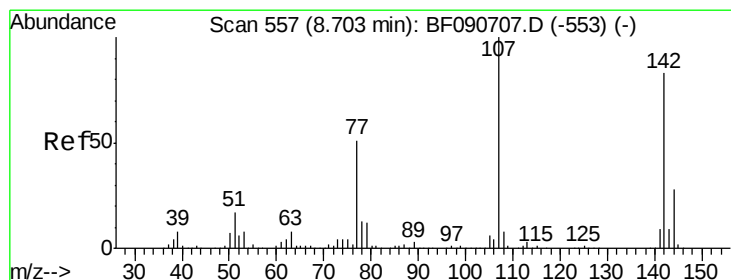
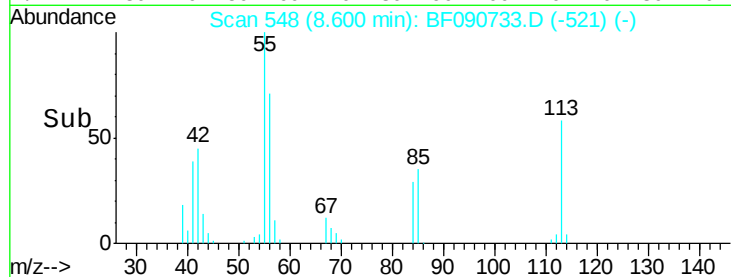
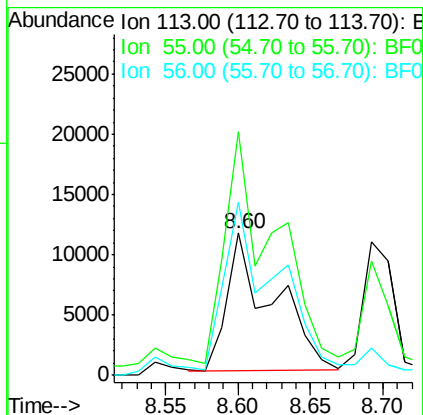
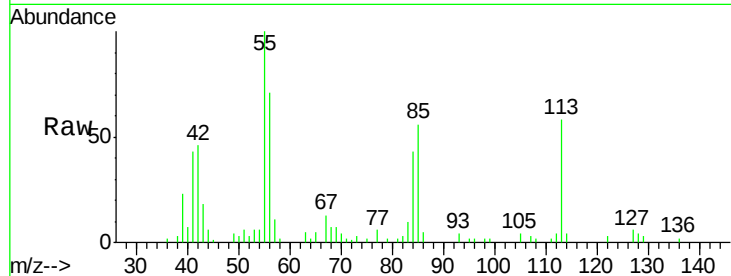
ClientSampleId :

MW-102DMSD

Tot Ion:113 Resp: 25175
 Ion Ratio Lower Upper
 113 100
 55 171.2 152.4 192.4
 56 121.4 104.6 144.6

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#36

4-Chloro-3-methylphenol

Concen: 39.25 ng

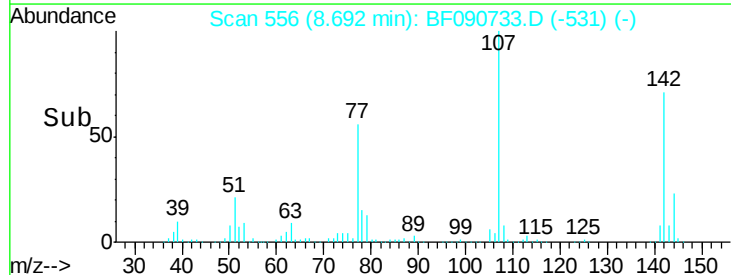
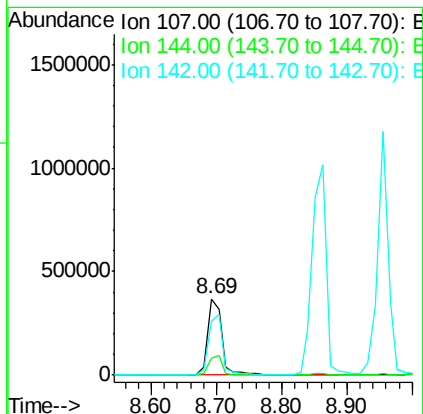
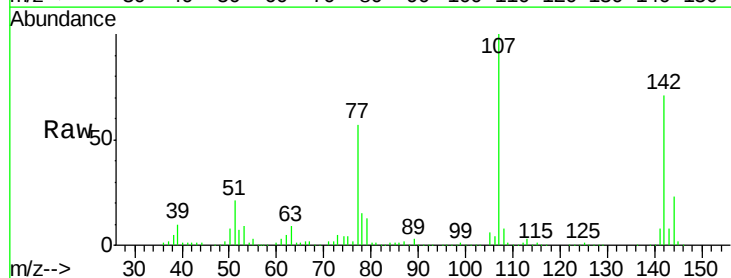
RT: 8.69 min Scan# 556

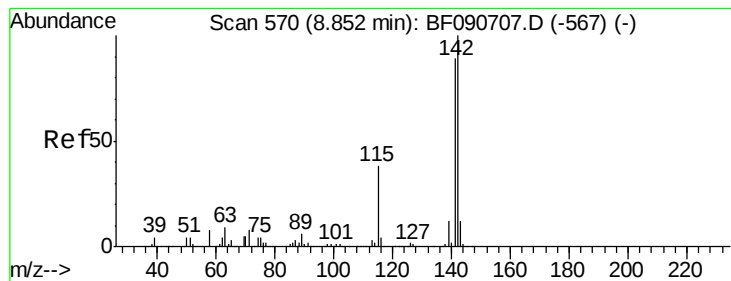
Delta R.T. -0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Tgt Ion:107 Resp: 569769
 Ion Ratio Lower Upper
 107 100
 144 23.0 25.4 38.0#
 142 71.3 77.3 115.9#





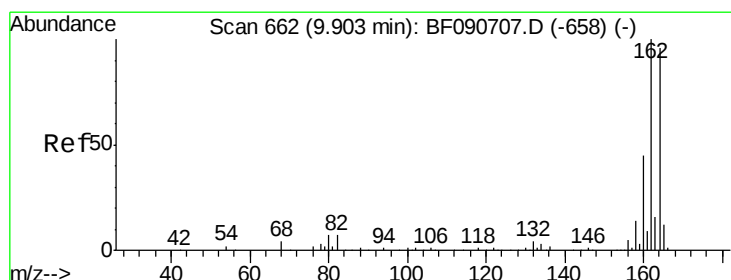
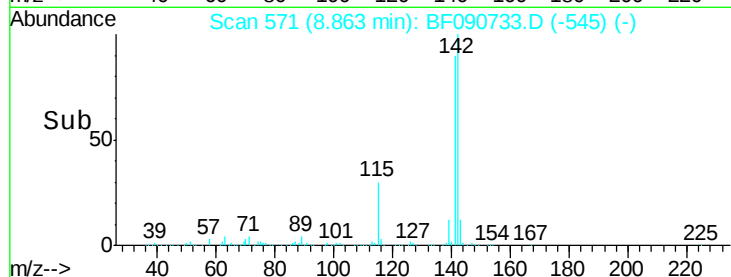
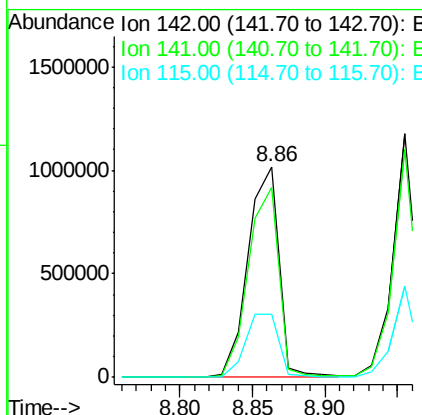
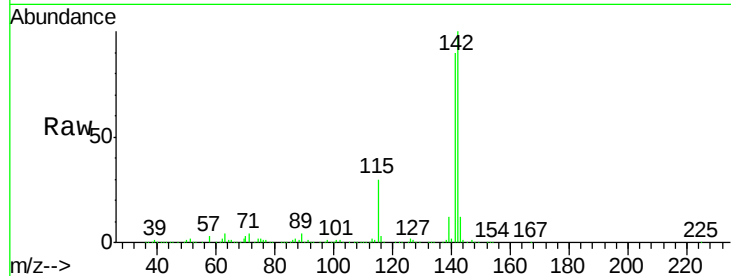
#37
 2-Methylnaphthalene
 Concen: 49.31 ng
 RT: 8.86 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion:142 Resp: 1497146
 Ion Ratio Lower Upper
 142 100
 141 90.3 67.5 101.3
 115 30.1 18.2 27.2#

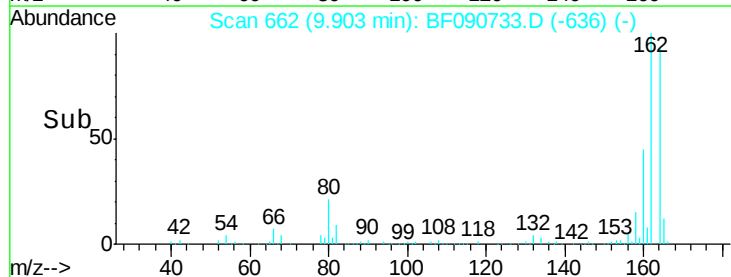
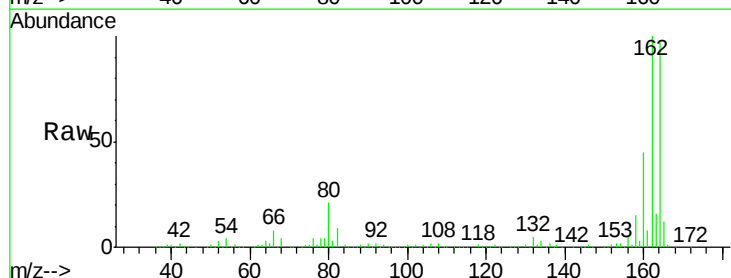
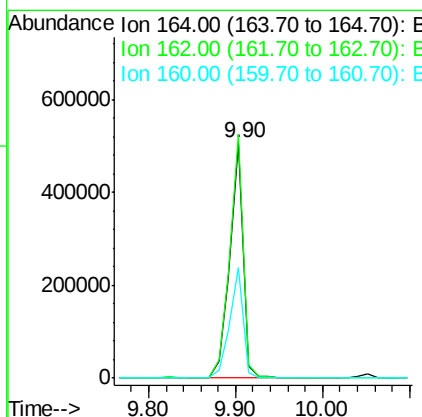
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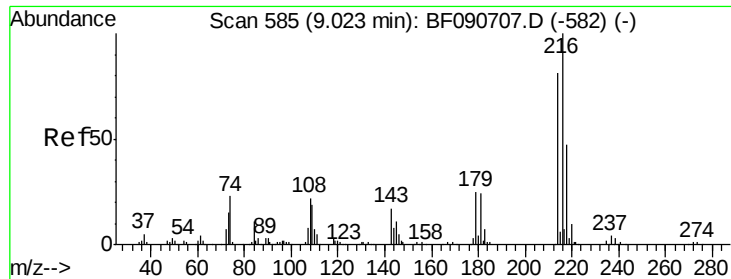
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion:164 Resp: 549040
 Ion Ratio Lower Upper
 164 100
 162 103.5 75.2 112.8
 160 46.9 31.5 47.3





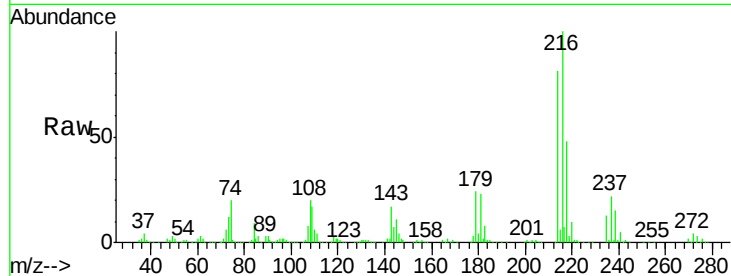
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.27 ng
 RT: 9.02 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

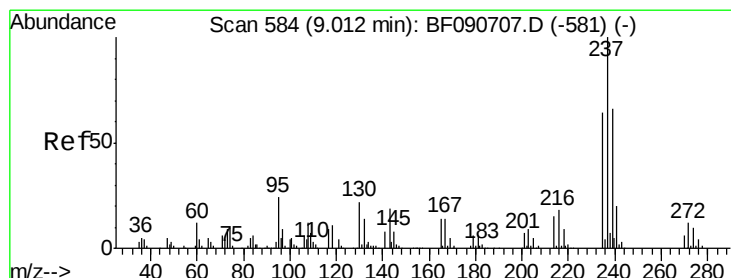
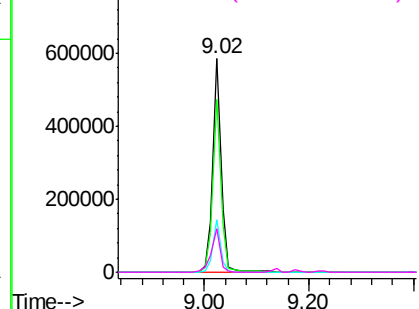
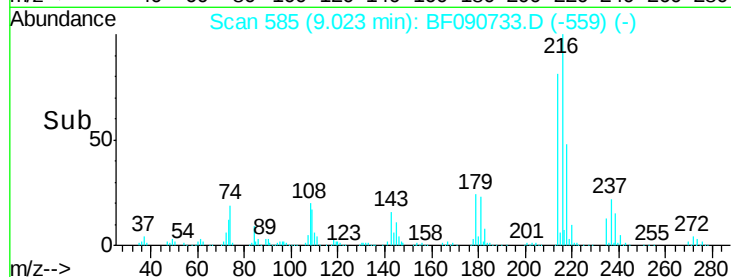
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		656289		
214	79.1		63.5	95.3	
179	22.5		16.6	24.8	
108	20.7		16.3	24.5	

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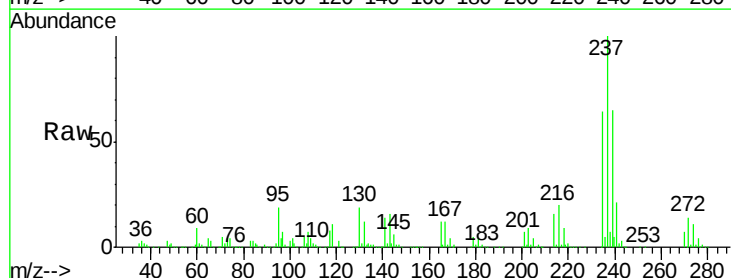


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

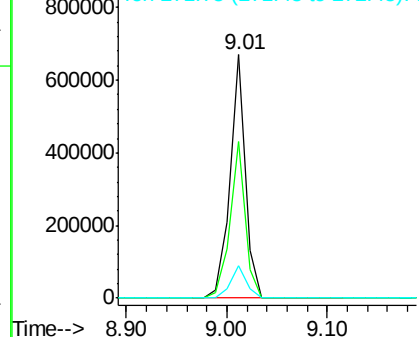
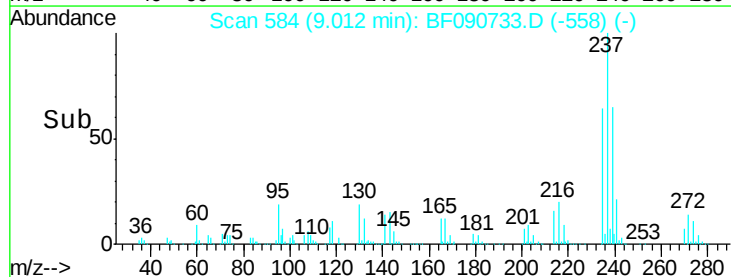


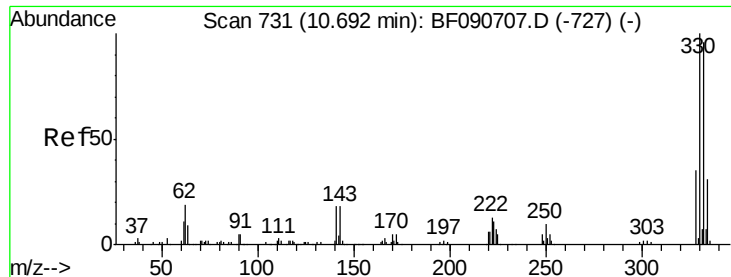
#40
 Hexachlorocyclopentadiene
 Concen: 102.26 ng
 RT: 9.01 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		711746		
235	64.2		42.0	82.0	
272	13.5		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





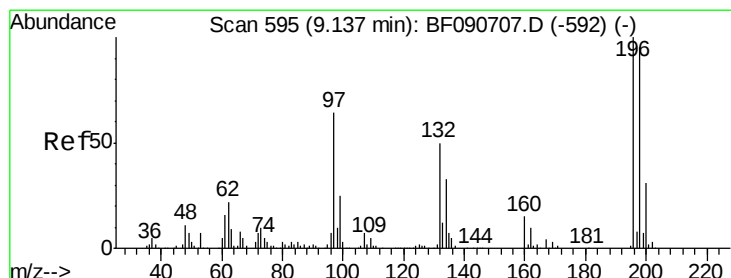
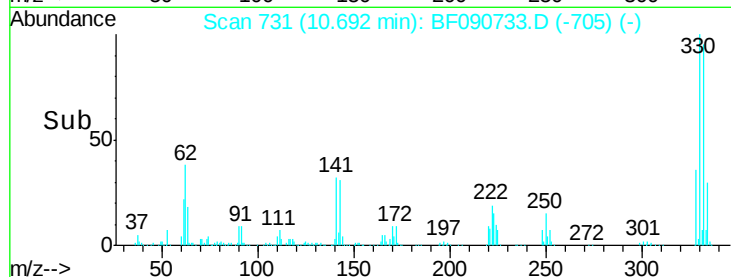
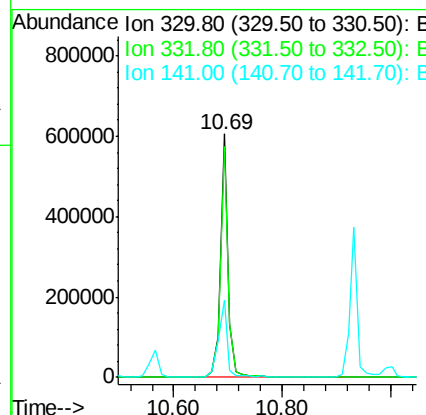
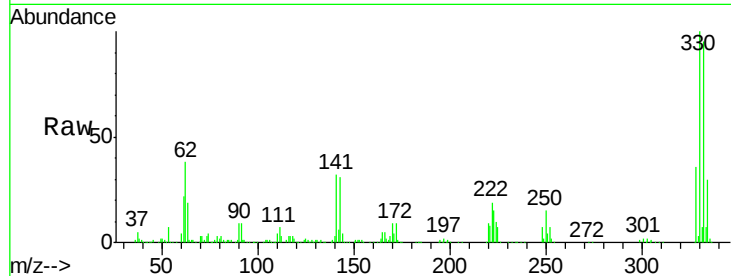
#41
 2,4,6-Tribromophenol
 Concen: 141.91 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	616692		
332	96.0	76.6	114.8	
141	35.2	29.7	44.5	

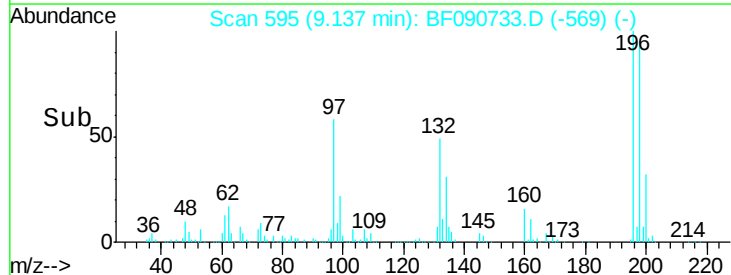
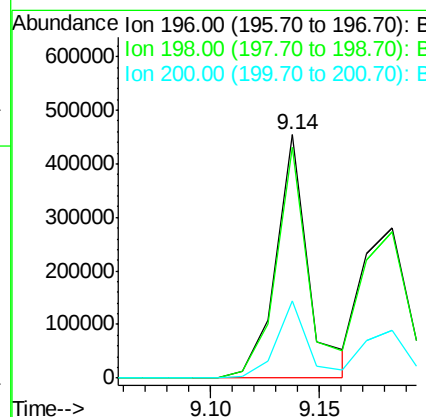
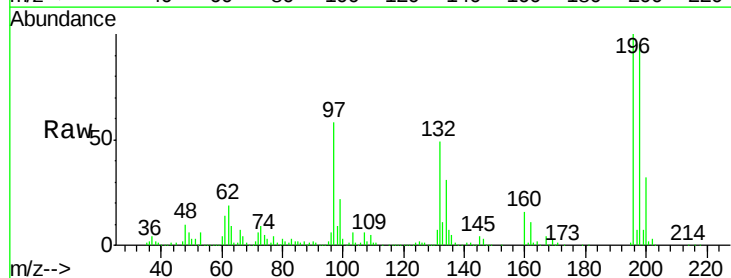
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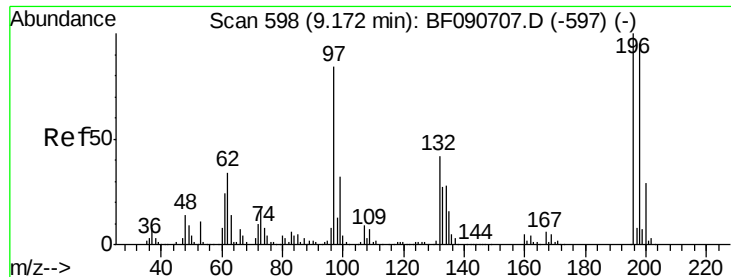
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#42
 2,4,6-Trichlorophenol
 Concen: 52.13 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	479279		
198	95.0	75.7	113.5	
200	31.5	23.9	35.9	





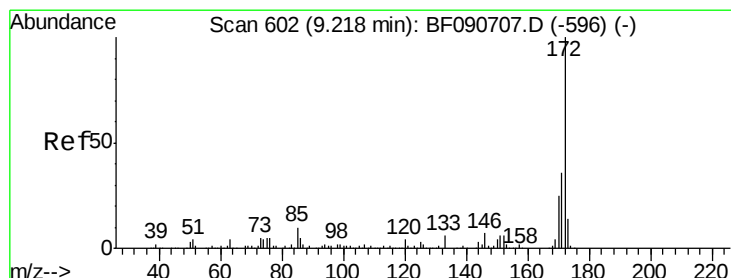
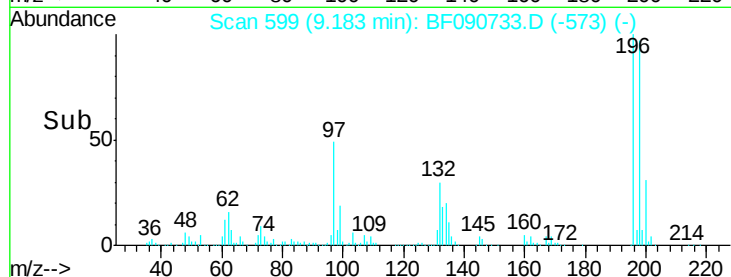
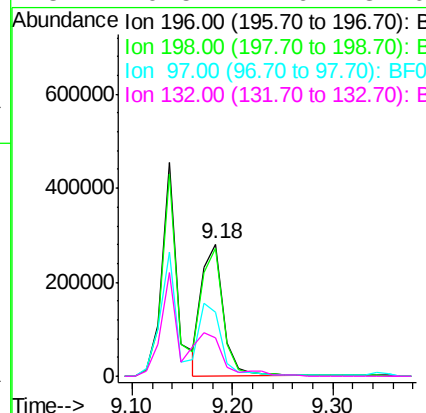
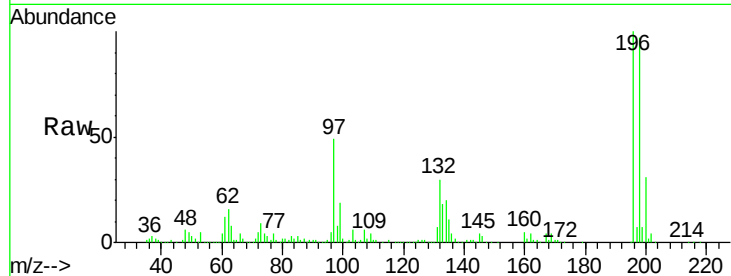
#43
2,4,5-Trichlorophenol
Concen: 45.52 ng
RT: 9.18 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.4	113.0
97	48.8	33.3	49.9
132	29.5	24.6	37.0

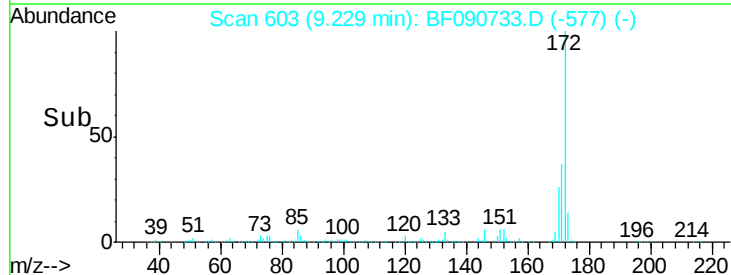
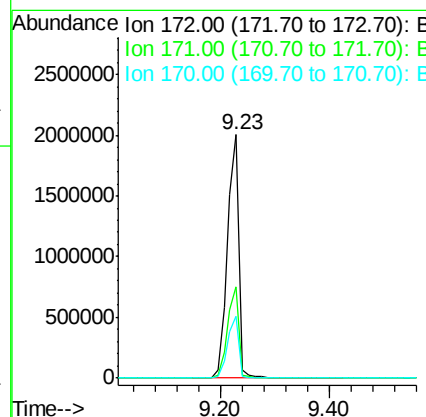
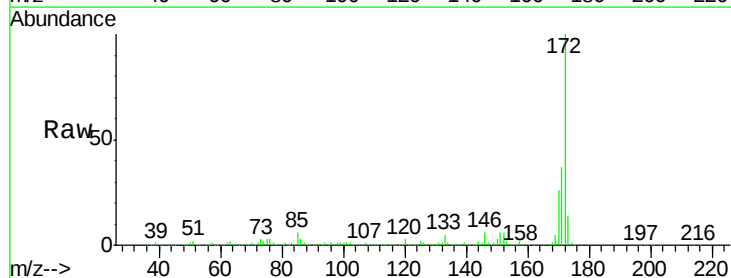
Manual Integrations
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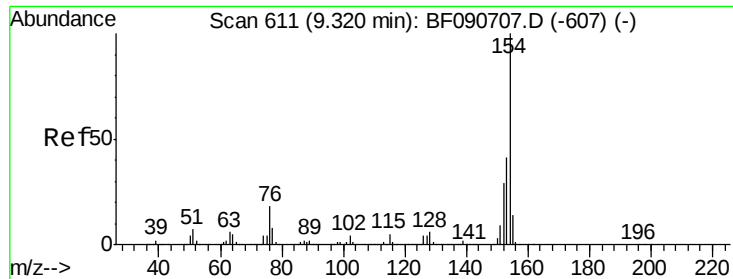
sohil
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#44
2-Fluorobiphenyl
Concen: 84.08 ng
RT: 9.23 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	26.1	39.1
170	25.6	17.4	26.2





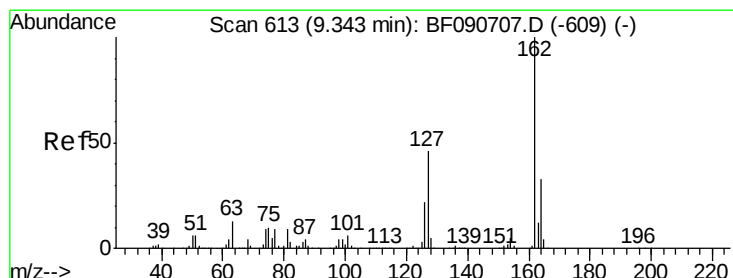
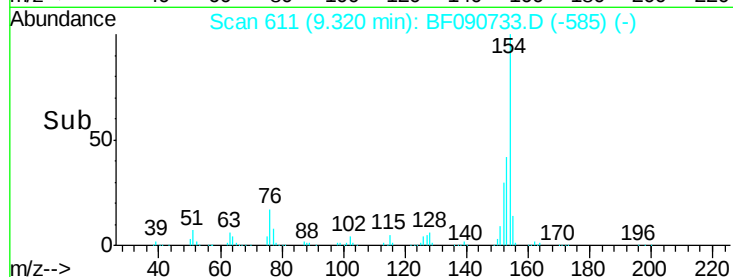
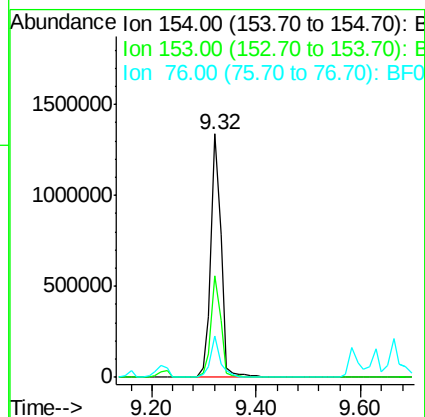
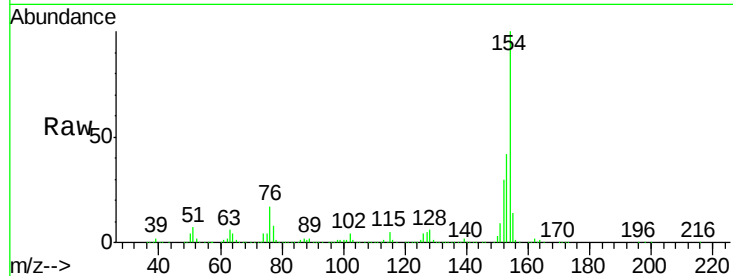
#45
 1,1'-Biphenyl
 Concen: 42.38 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	17.1	57.1
76	17.2	0.0	31.6

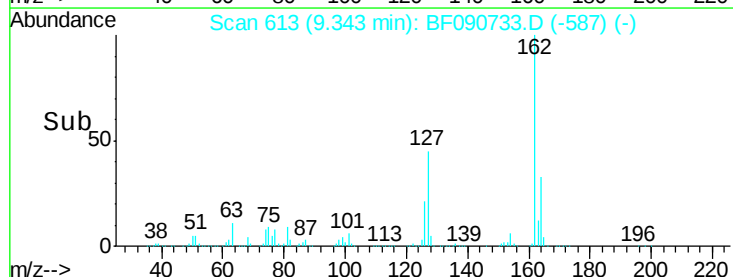
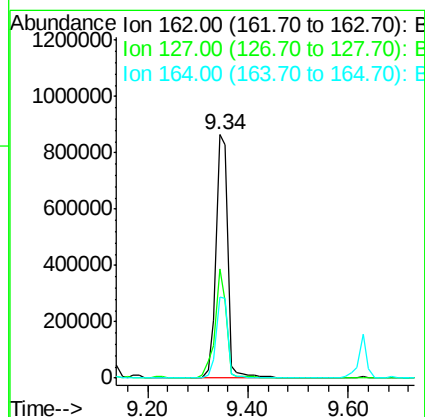
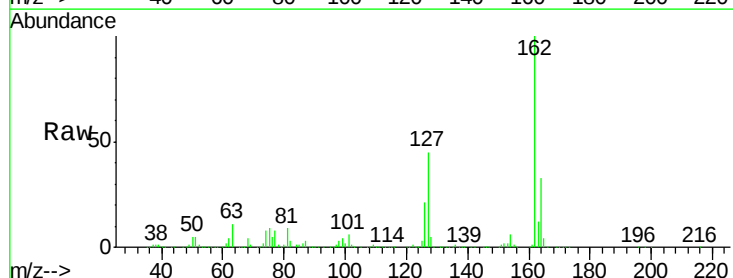
Manual Integrations
 APPROVED

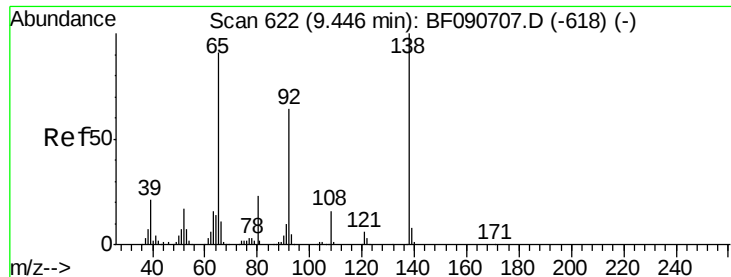
sohil
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#46
 2-Chloronaphthalene
 Concen: 44.21 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.1	27.6	41.4#
164	33.5	25.4	38.2





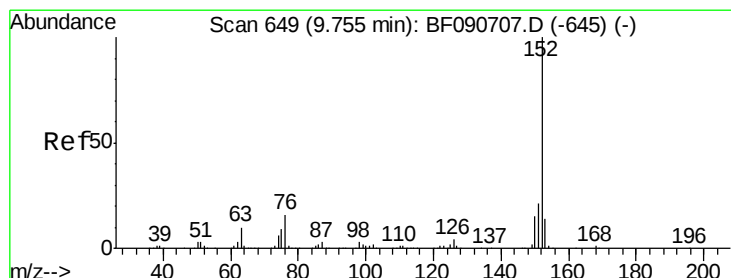
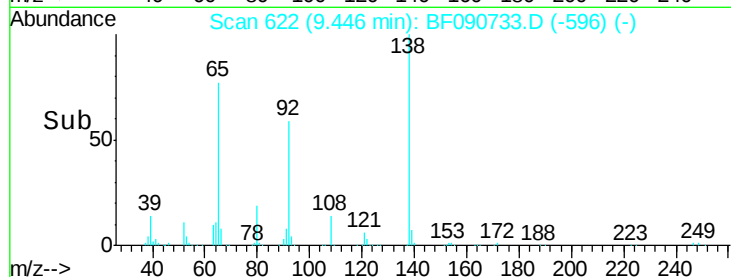
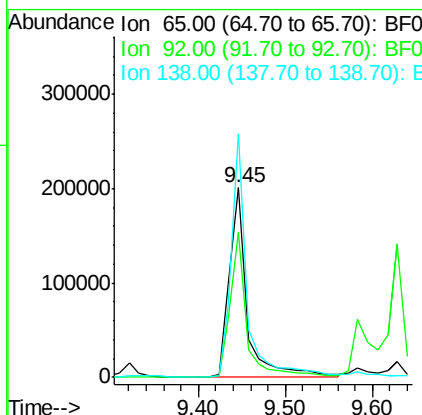
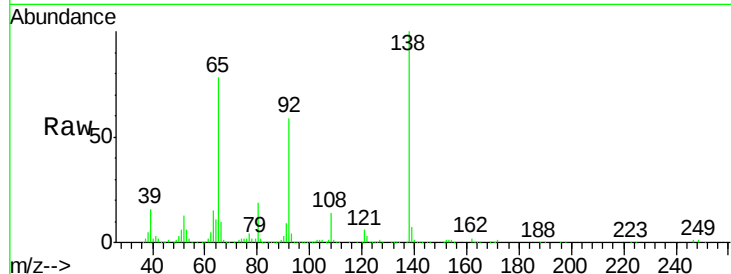
#47
2-Nitroaniline
Concen: 26.66 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.4	55.4	83.0
138	128.5	115.5	173.3

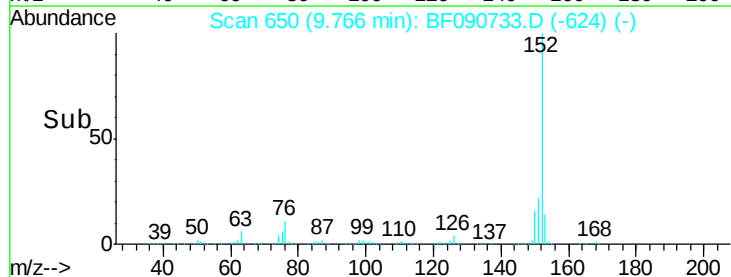
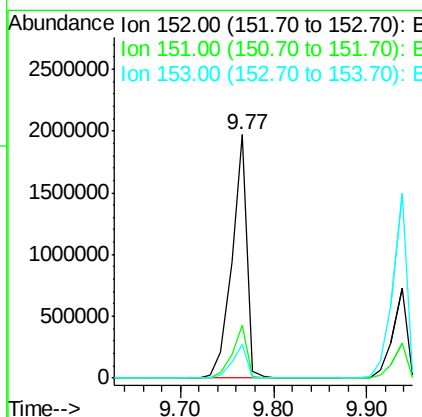
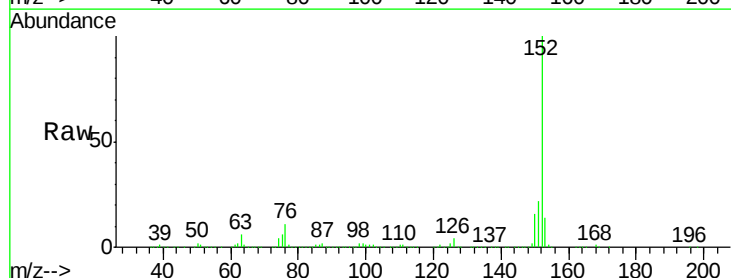
Manual Integrations
APPROVED

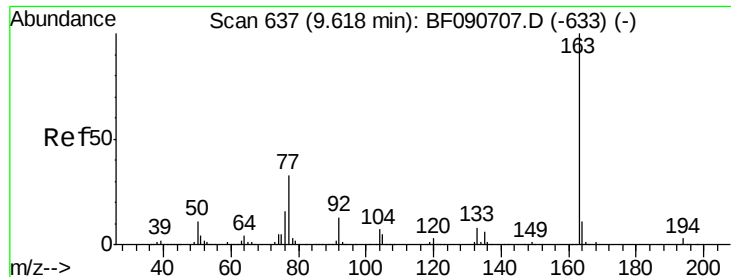
sohil
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#48
Acenaphthylene
Concen: 45.30 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	14.6	22.0
153	14.1	10.3	15.5





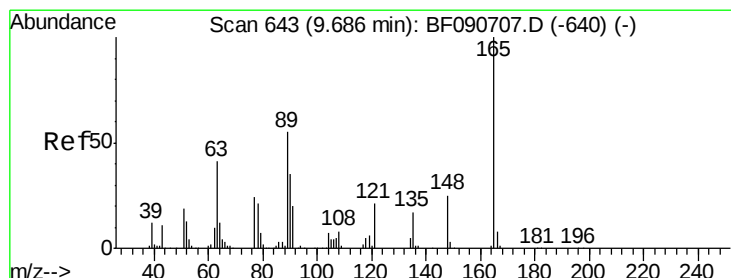
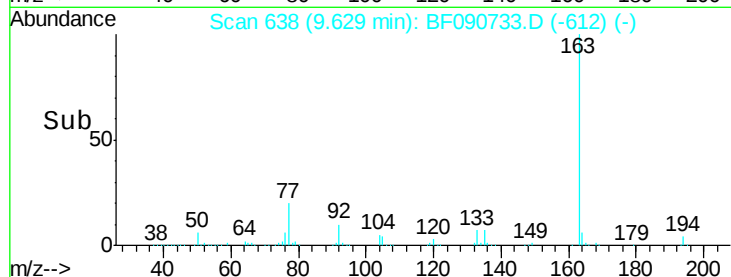
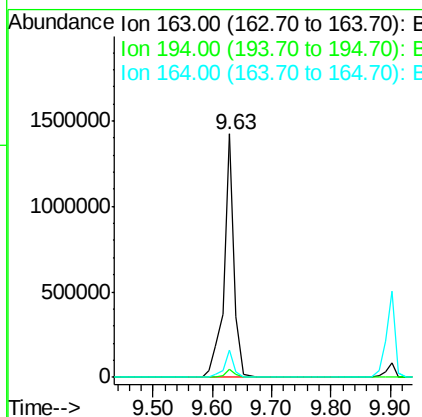
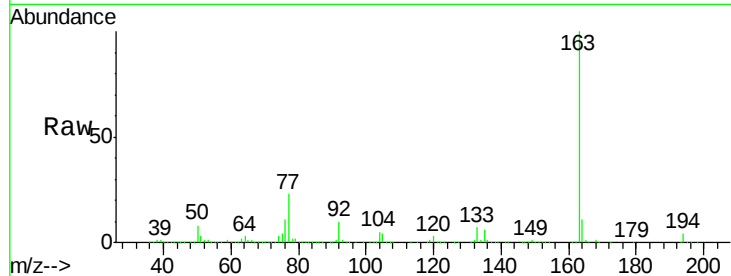
#49
Dimethylphthalate
Concen: 47.80 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion:163 Resp: 1649186
Ion Ratio Lower Upper
163 100
194 3.6 4.4 6.6#
164 11.0 8.3 12.5

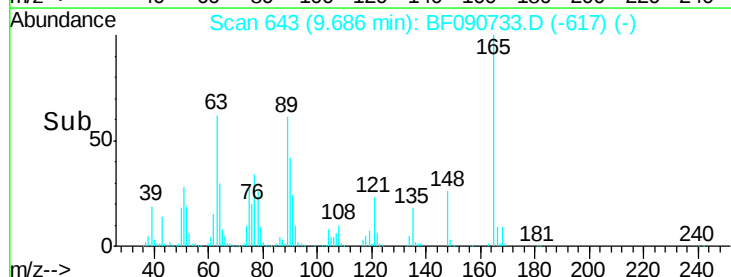
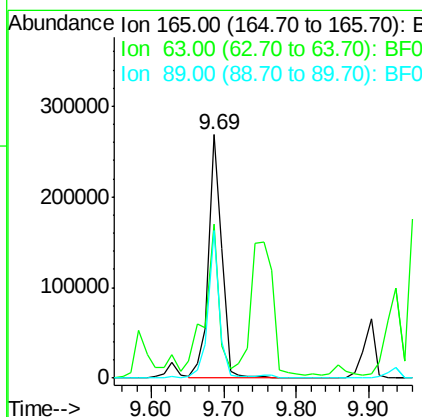
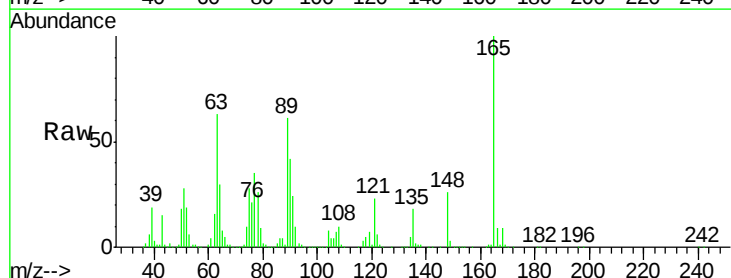
Manual Integrations
APPROVED

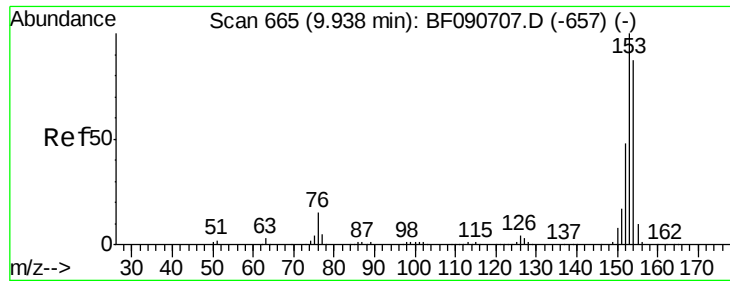
sohil
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#50
2,6-Dinitrotoluene
Concen: 46.16 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion:165 Resp: 342446
Ion Ratio Lower Upper
165 100
63 63.2 32.3 48.5#
89 60.6 28.6 43.0#





#51

Acenaphthene

Concen: 49.26 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion:154 Resp: 1598975

Ion Ratio Lower Upper

154 100

153 113.8 82.1 123.1

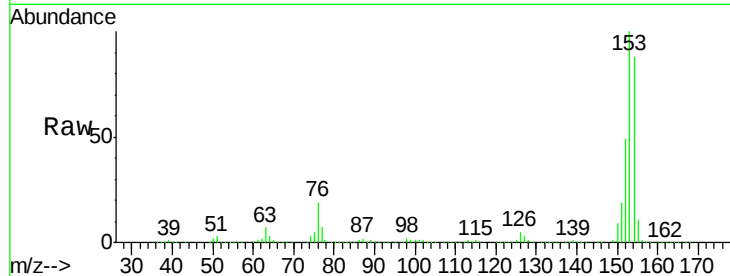
152 55.8 37.9 56.9

Manual Integrations

APPROVED

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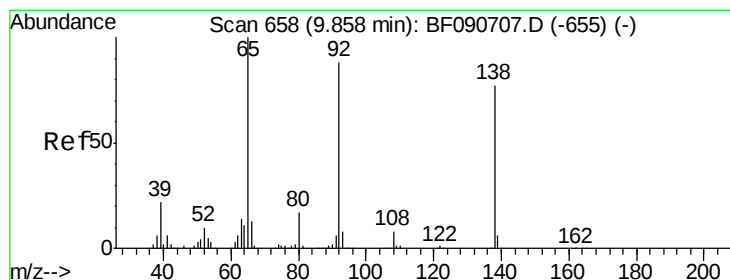
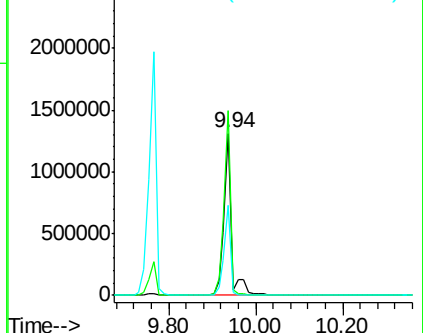
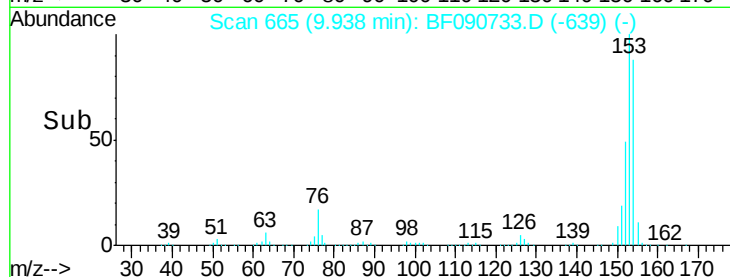
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.09 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

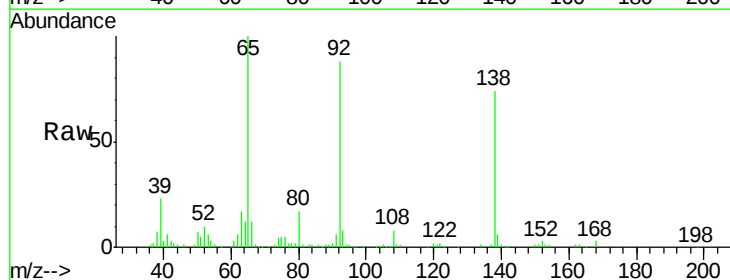
Tgt Ion:138 Resp: 94609

Ion Ratio Lower Upper

138 100

108 10.7 5.7 8.5#

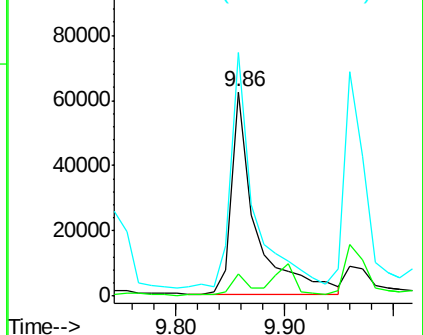
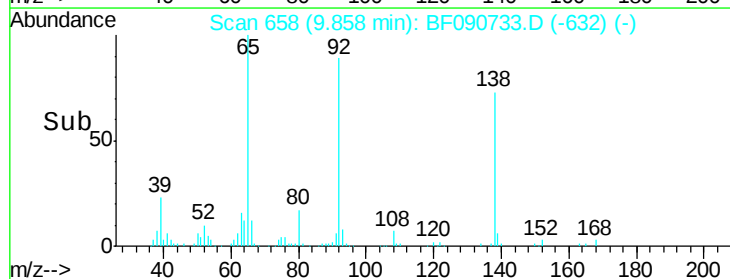
92 119.3 67.7 101.5#

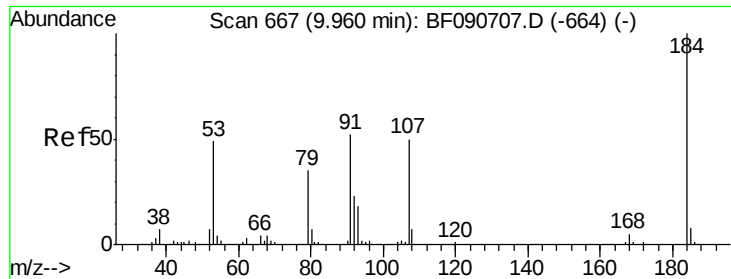


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





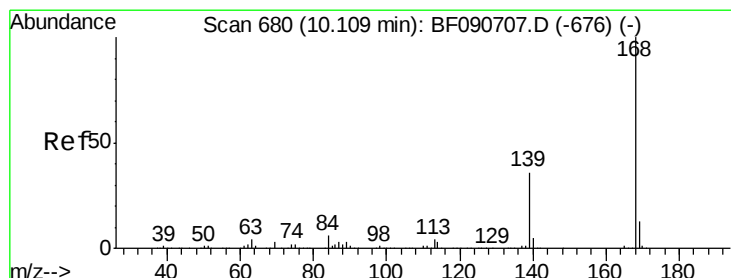
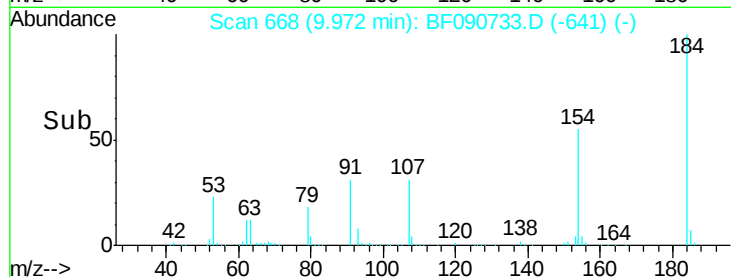
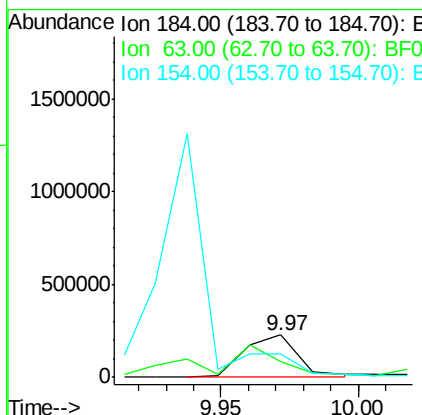
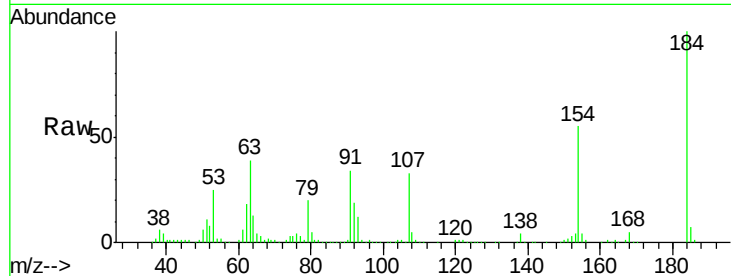
#53
 2,4-Dinitrophenol
 Concen: 75.76 ng/ml
 RT: 9.97 min Scan# 668
 Delta R.T. 0.01 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	38.5	35.4	53.2	
154	55.5	32.2	48.4	

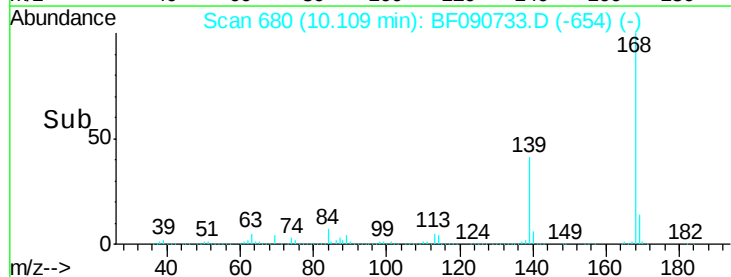
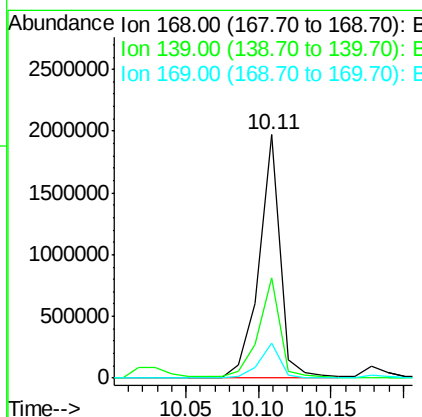
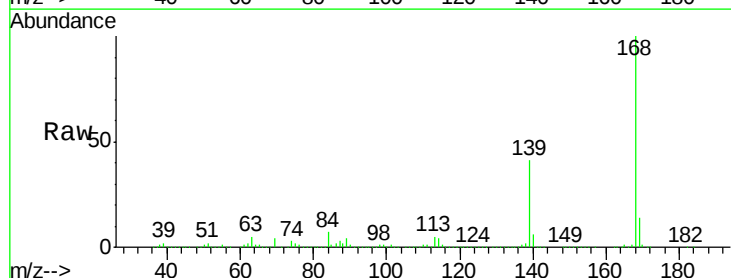
Manual Integrations
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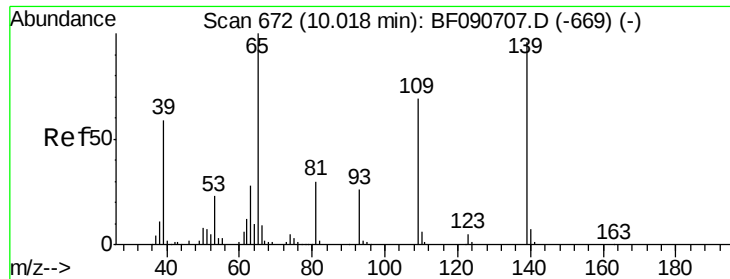
sohil
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#54
 Dibenzofuran
 Concen: 50.72 ng
 RT: 10.11 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.0	24.2	36.2	
169	14.4	10.6	15.8	





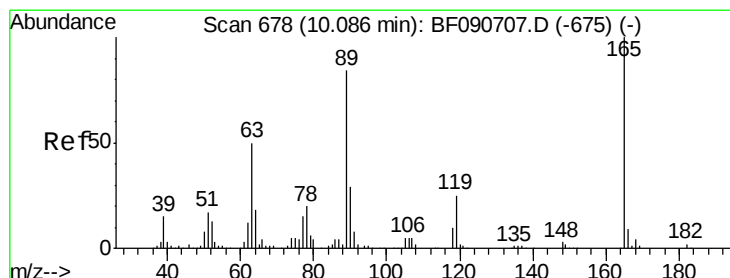
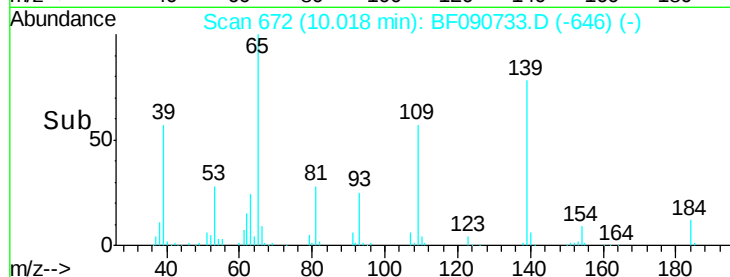
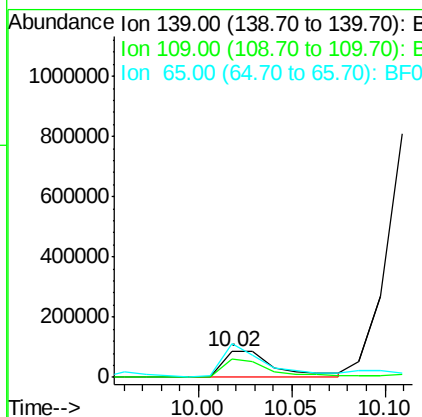
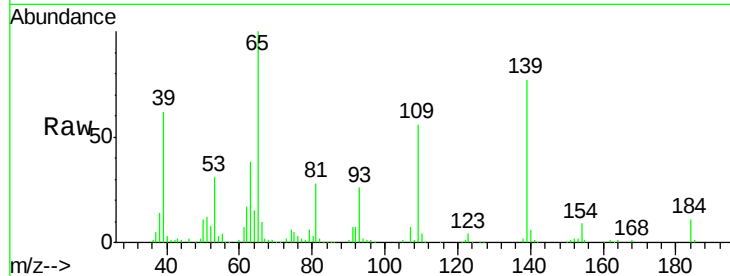
#55
4-Nitrophenol
Concen: 35.17 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	165422		
109	73.1	12.7	52.7#	
65	129.9	45.9	85.9#	

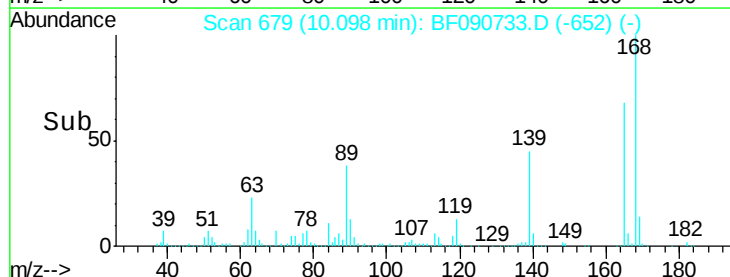
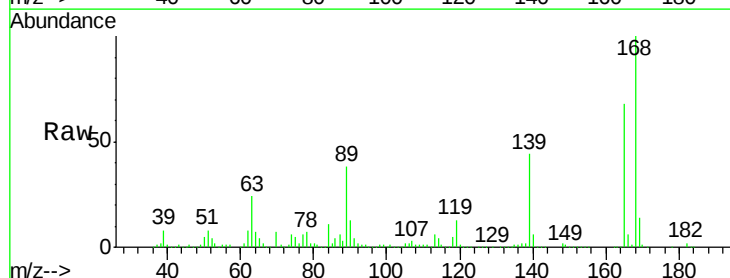
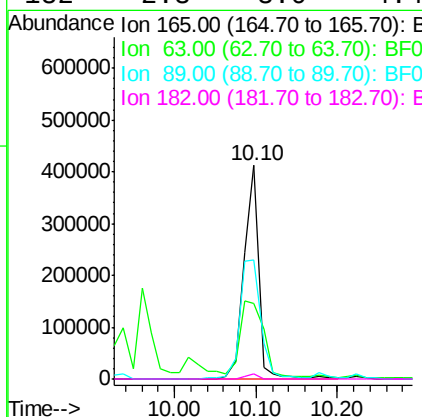
Manual Integrations
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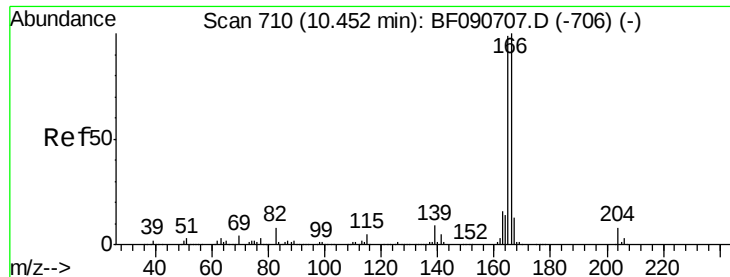
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#56
2,4-Dinitrotoluene
Concen: 57.40 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	520491		
63	35.3	29.8	44.6	
89	55.7	44.5	66.7	
182	2.3	3.0	4.4#	





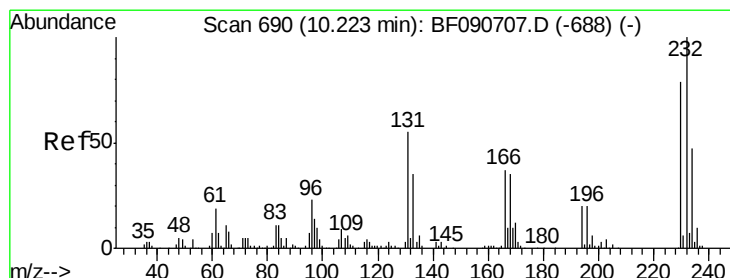
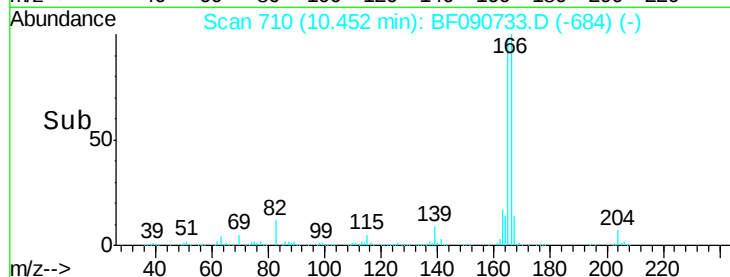
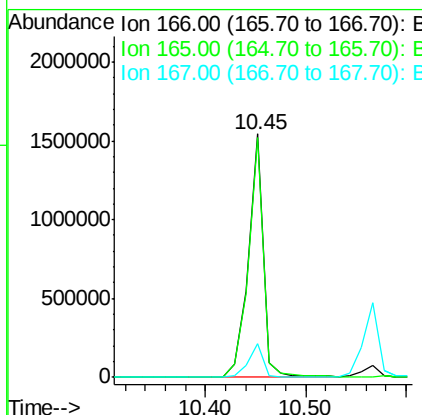
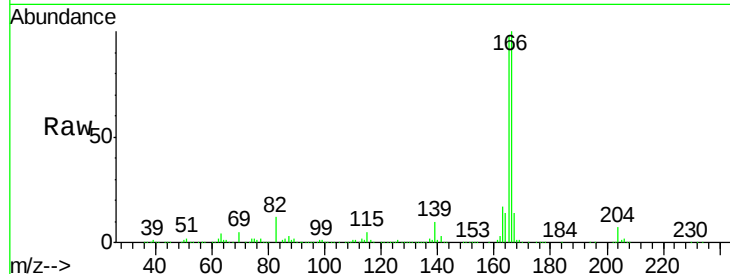
#57
 Fluorene
 Concen: 48.97 ng
 RT: 10.45 min Scan# 710
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.4	72.6	109.0	
167	13.8	10.6	16.0	

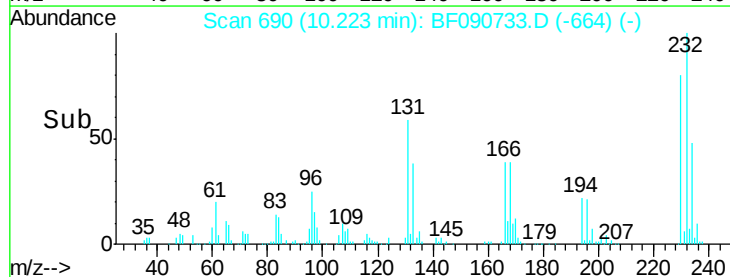
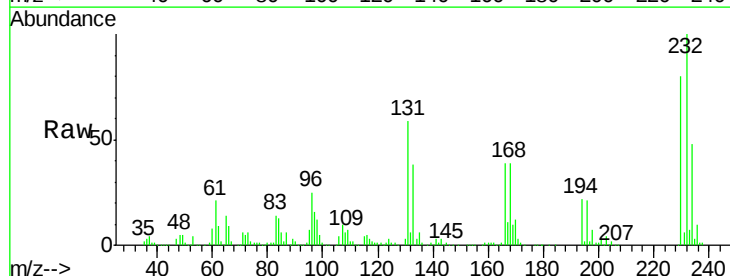
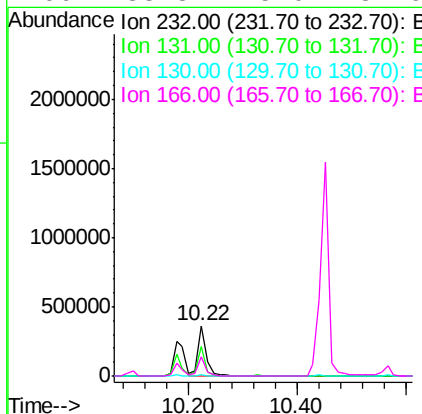
Manual Integrations
 APPROVED

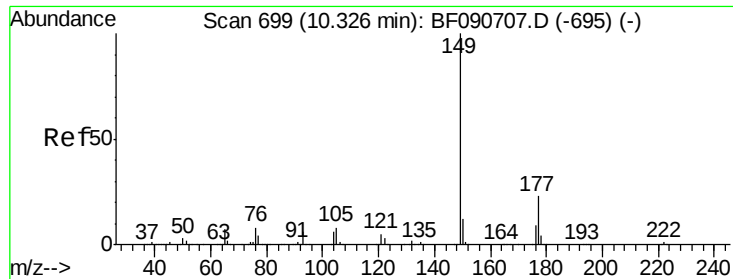
sohil
 10/24/2016 3:53:19 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.48 ng
 RT: 10.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ion	Ratio	Lower	Upper
232	100			
131	50.7	38.5	57.7	
130	2.4	1.8	2.6	
166	33.8	25.0	37.6	





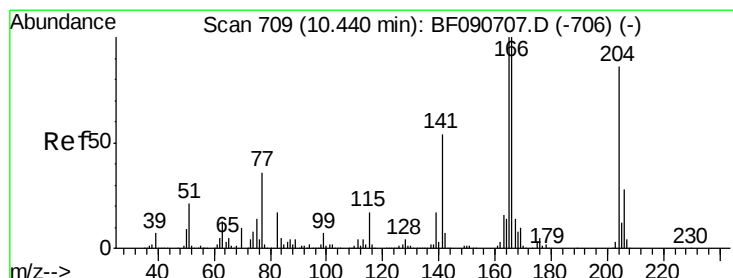
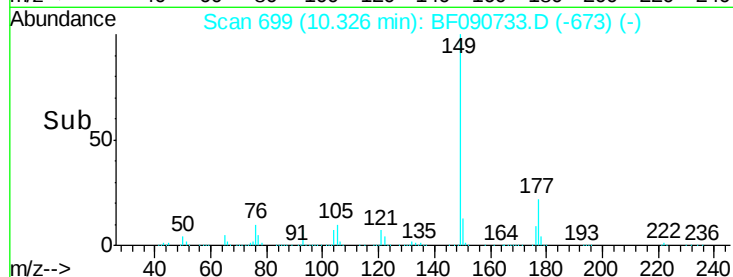
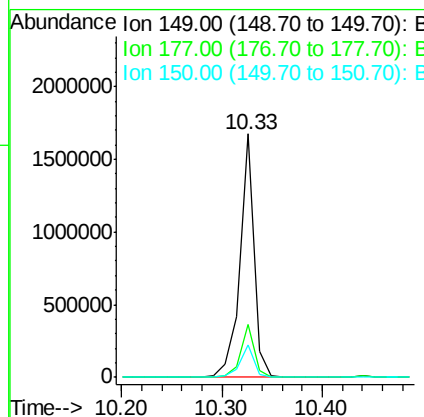
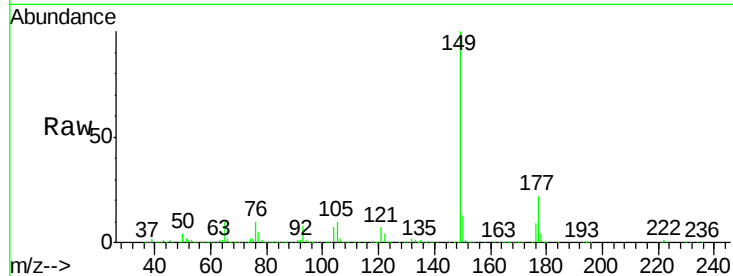
#59
Diethylphthalate
Concen: 45.84 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion:149 Resp: 1640464
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 13.4 9.4 14.2

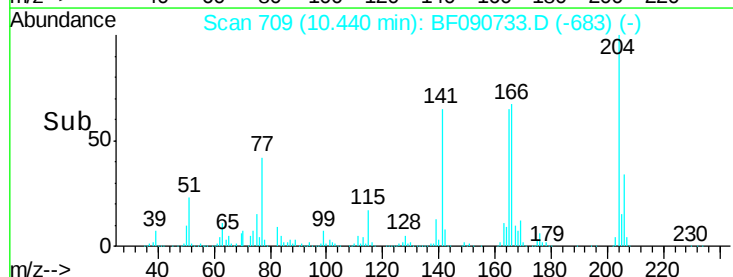
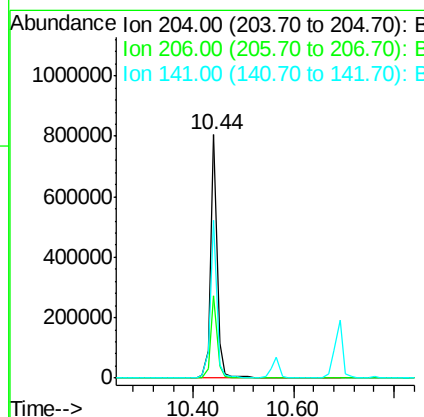
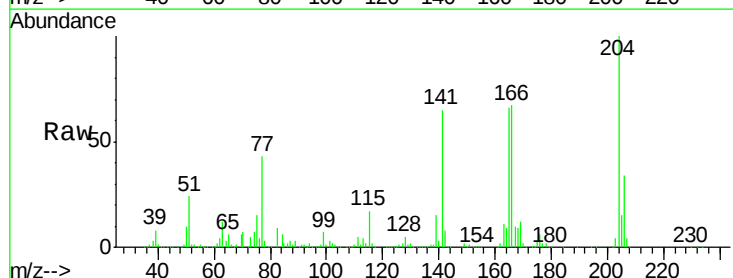
Manual Integrations
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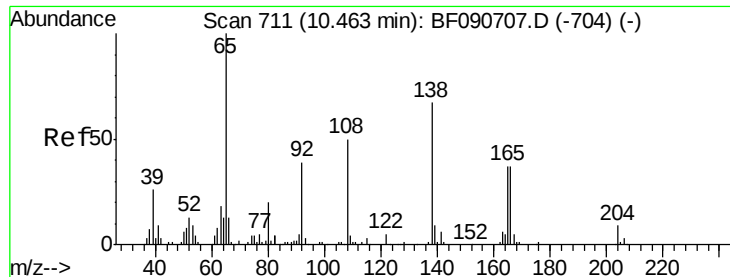
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#60
4-Chlorophenyl-phenylether
Concen: 49.54 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion:204 Resp: 737847
Ion Ratio Lower Upper
204 100
206 33.9 24.8 37.2
141 65.1 42.2 63.4#





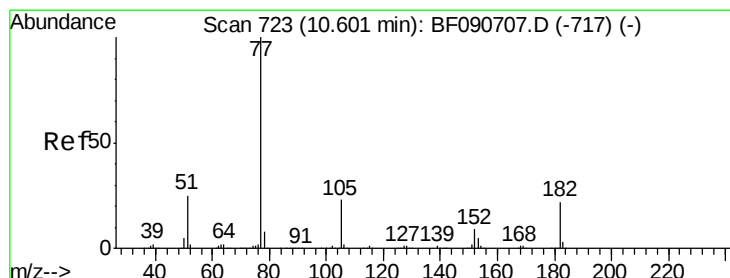
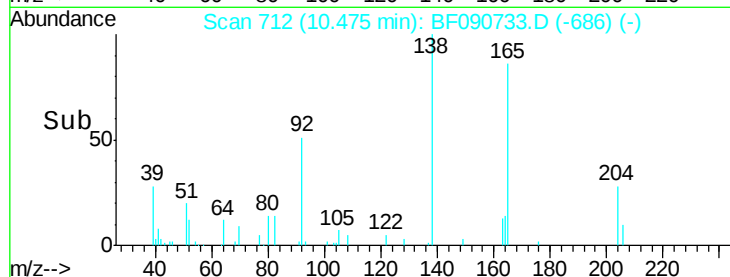
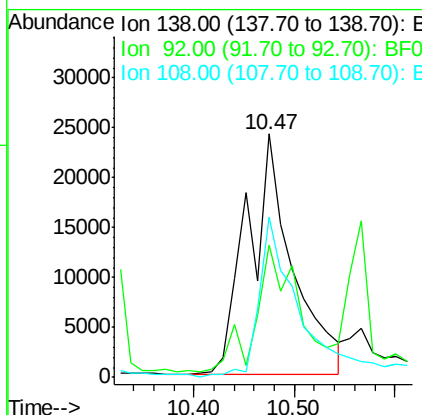
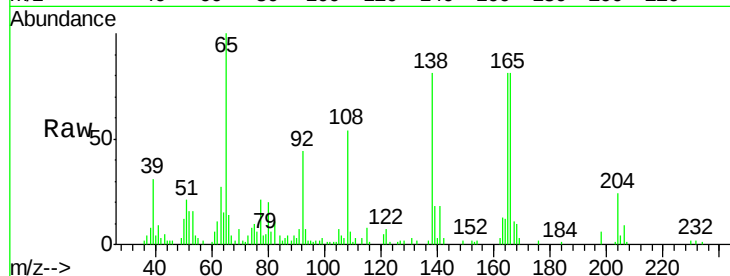
#61
4-Nitroaniline
Concen: 8.64 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.1	12.6	52.6#
108	66.1	12.4	52.4#

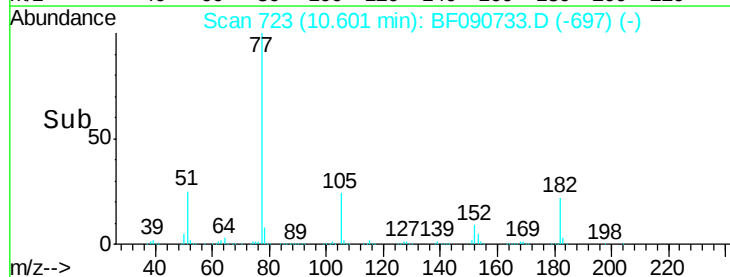
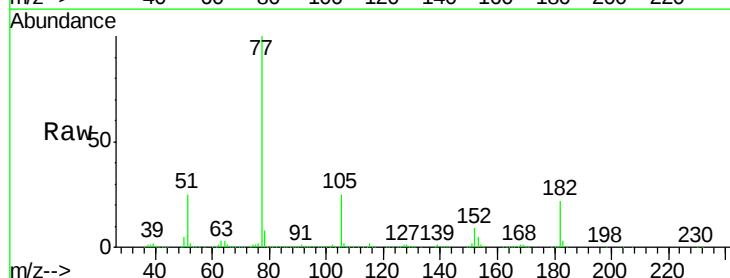
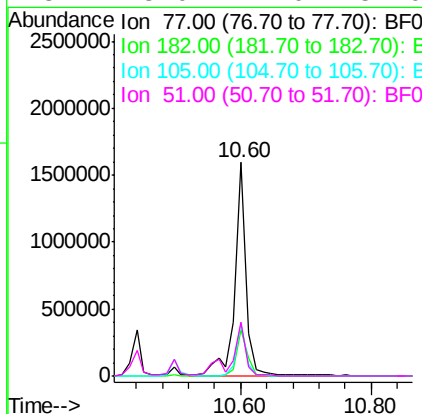
Manual Integrations
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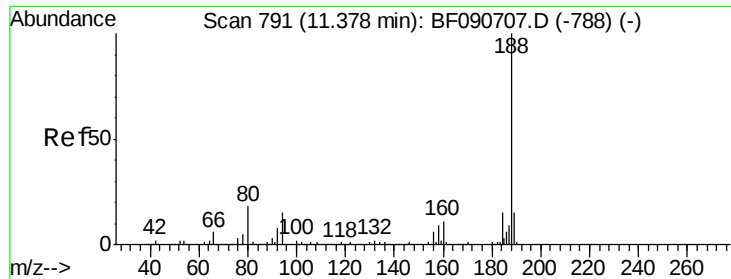
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#62
Azobenzene
Concen: 44.37 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	15.1	55.1
105	24.6	3.4	43.4
51	25.0	12.0	52.0





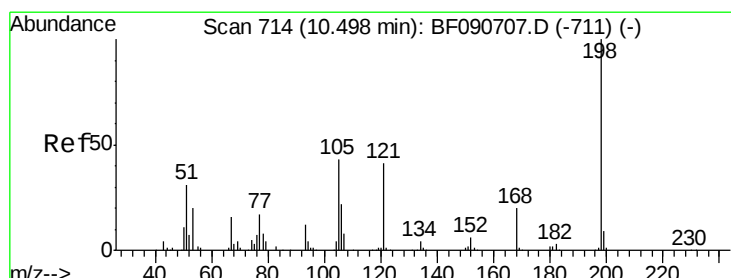
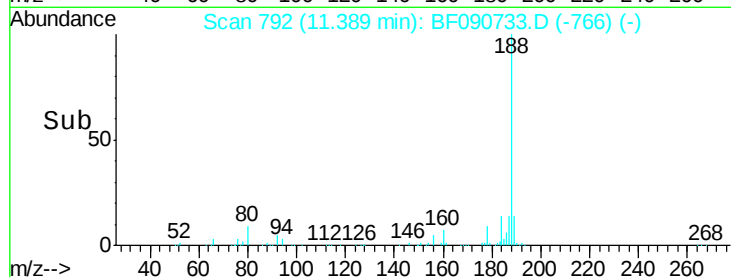
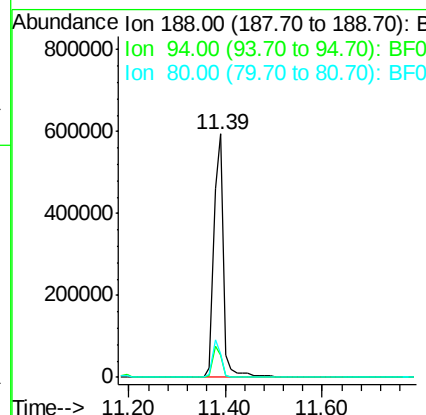
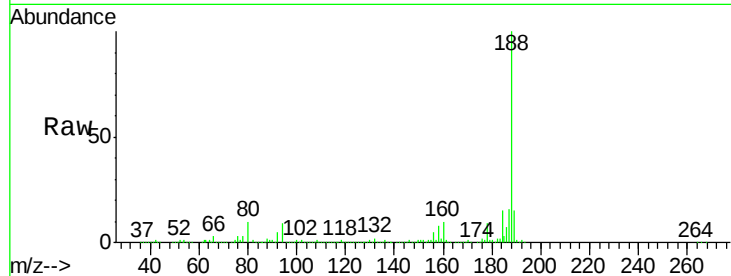
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.0	11.1	16.7#
80	9.5	11.0	16.4#

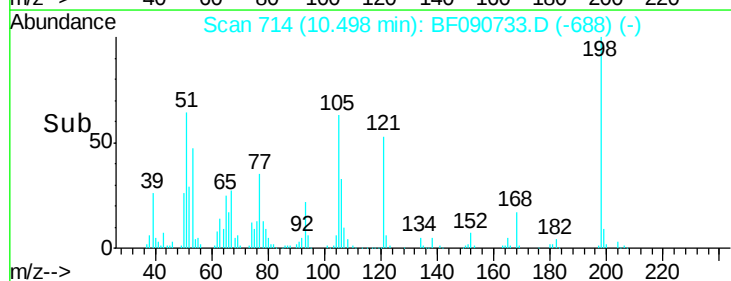
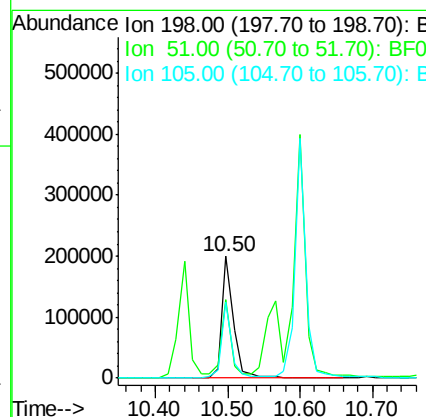
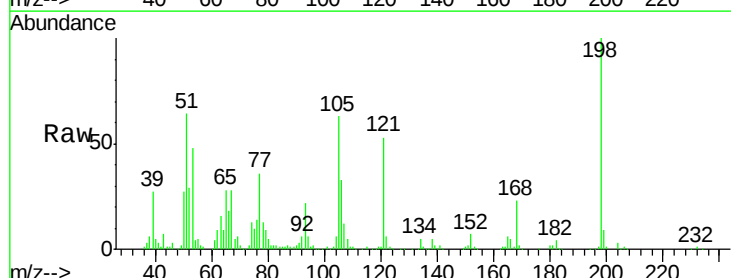
Manual Integrations
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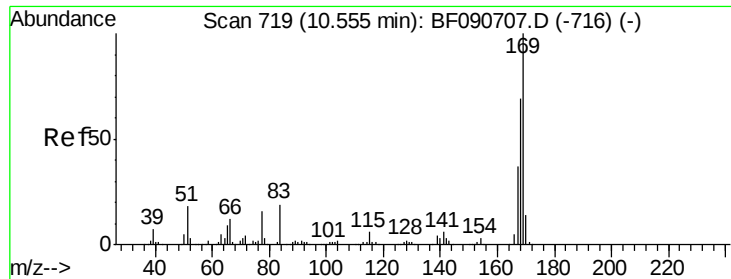
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.04 ng
RT: 10.50 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	64.1	39.6	79.6
105	63.0	28.5	68.5





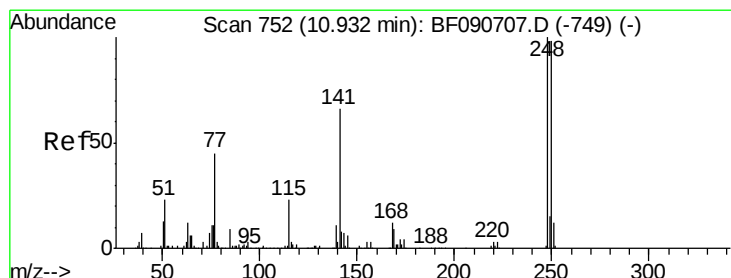
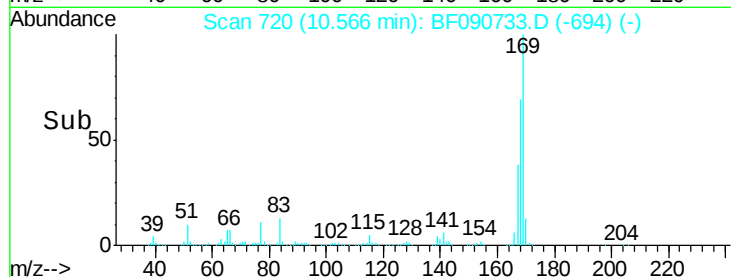
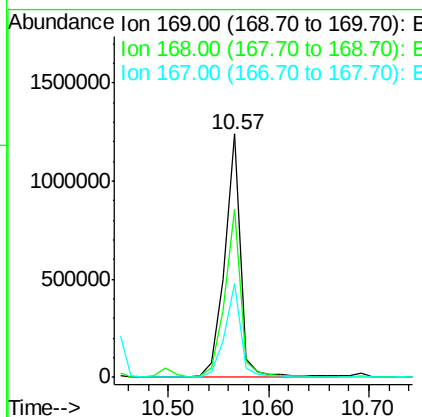
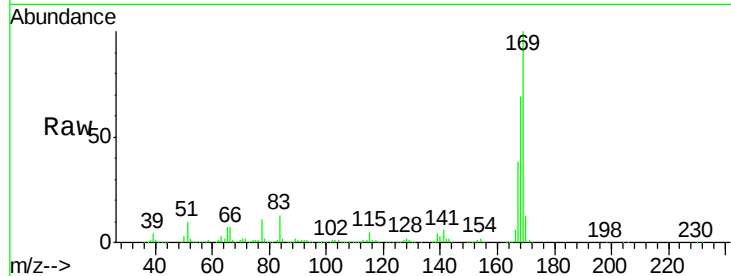
#65
n-Nitrosodiphenylamine
Concen: 51.41 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion:169 Resp: 1372278
Ion Ratio Lower Upper
169 100
168 68.9 48.9 73.3
167 38.3 26.2 39.4

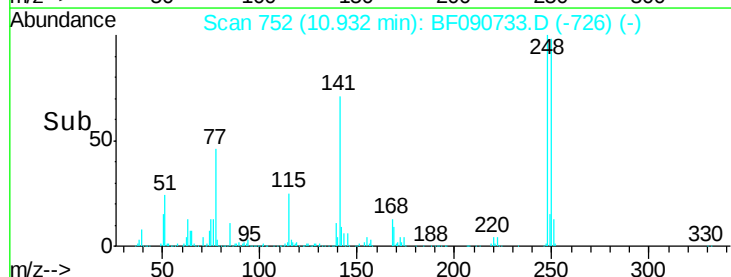
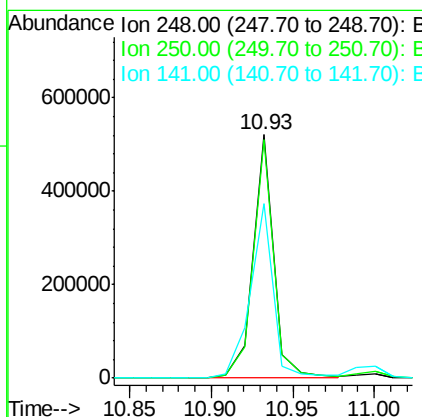
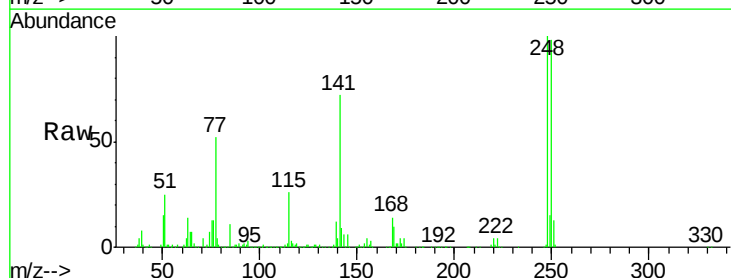
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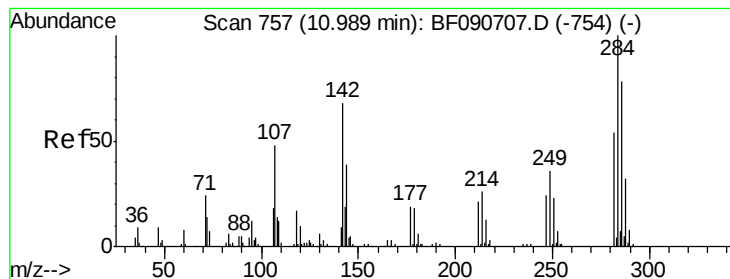
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#66
4-Bromophenyl-phenylether
Concen: 56.83 ng
RT: 10.93 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion:248 Resp: 458955
Ion Ratio Lower Upper
248 100
250 97.9 78.5 117.7
141 71.6 59.0 88.6





#67

Hexachlorobenzene

Concen: 57.49 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

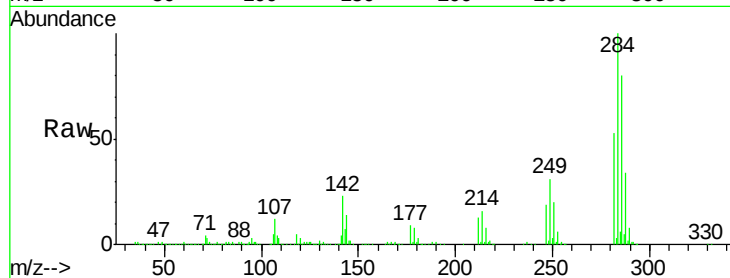
ClientSampleId :

MW-102DMSD

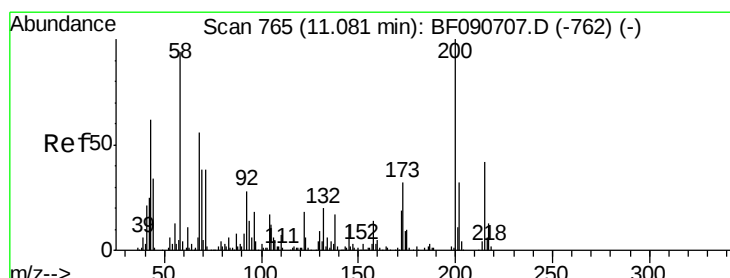
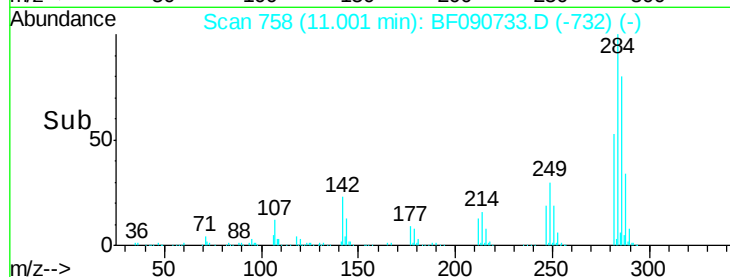
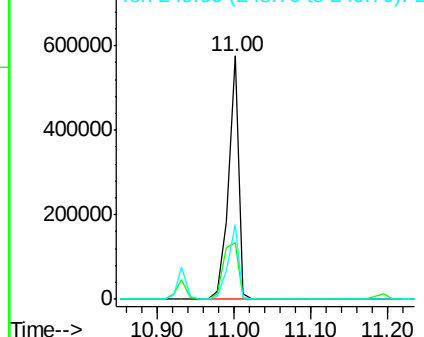
Tot Ion:	284	Resp:	547874
Ion Ratio		Lower	Upper
284	100		
142	23.1	29.5	44.3#
249	30.7	19.5	29.3#

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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: 50.24 ng

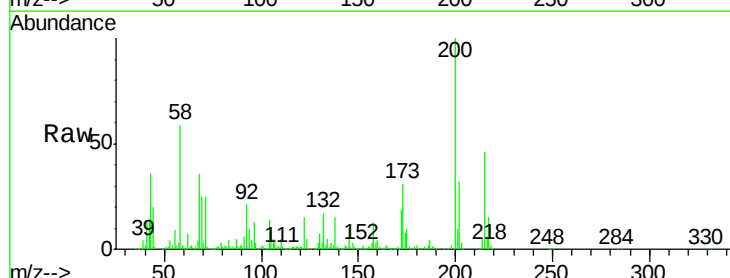
RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

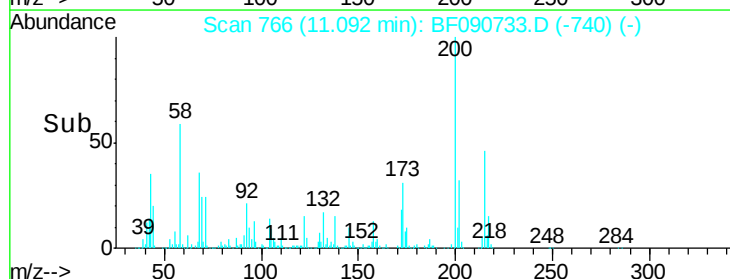
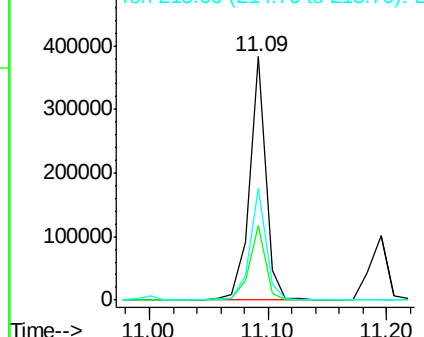
Lab File: BF090733.D

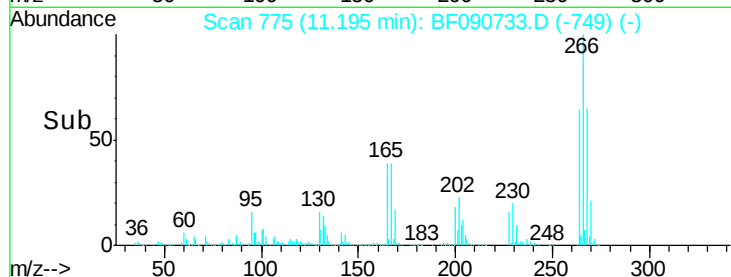
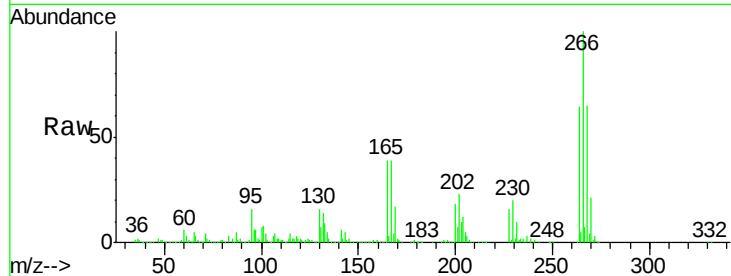
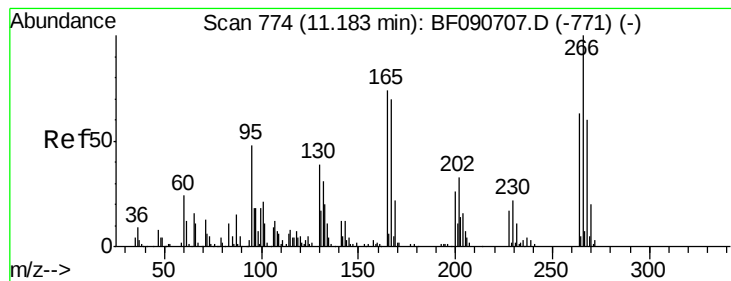
Acq: 22 Oct 2016 1:54

Tgt Ion:	200	Resp:	370140
Ion Ratio		Lower	Upper
200	100		
173	30.7	13.2	53.2
215	46.0	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: 89.79 ng

RT: 11.19 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Tot Ion:	266	Resp:	565647
Ion Ratio	Lower	Upper	
266	100		
268	64.5	49.8	74.6
264	64.3	50.2	75.2

Instrument :

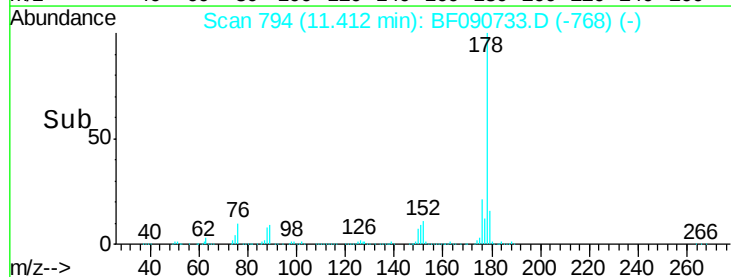
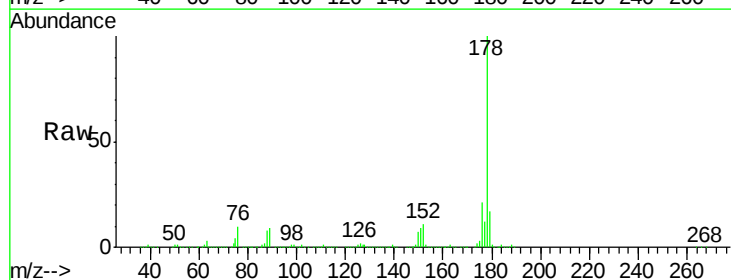
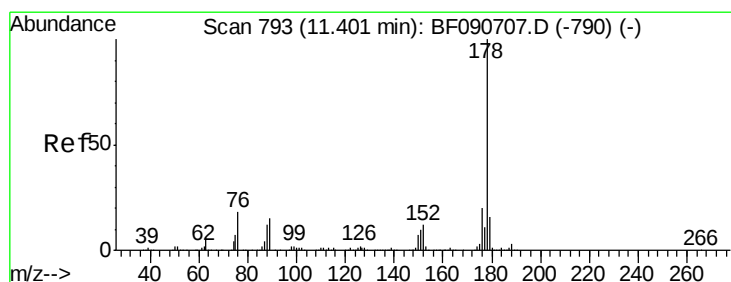
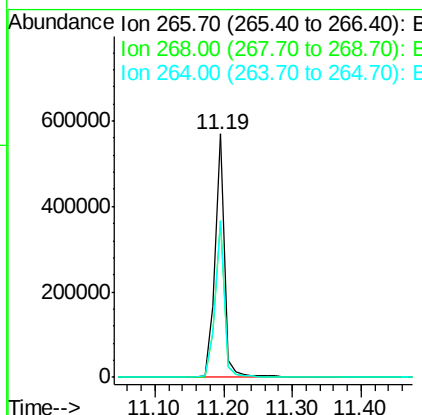
BNA_F

ClientSampleId :

MW-102DMSD

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#70

Phenanthrene

Concen: 50.38 ng m

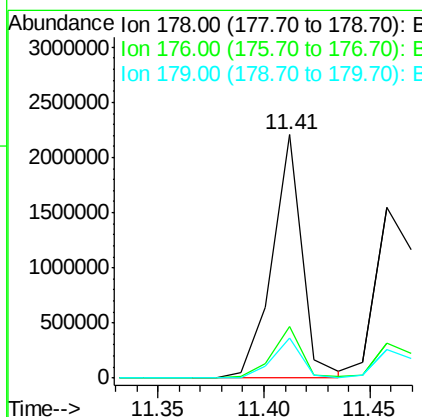
RT: 11.41 min Scan# 794

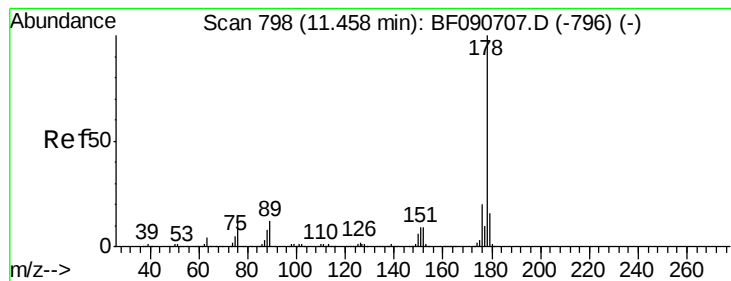
Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Tgt Ion:	178	Resp:	2139534
Ion Ratio	Lower	Upper	
178	100		
176	21.4	13.8	20.8#
179	16.6	12.2	18.2





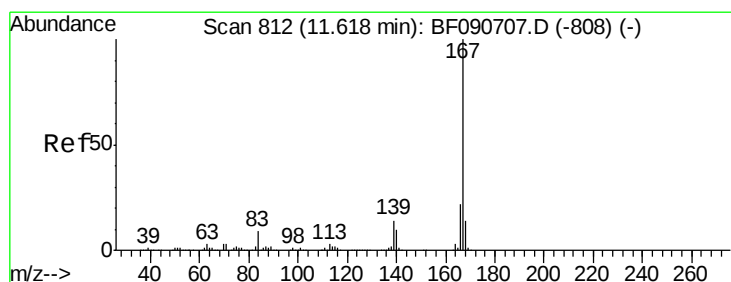
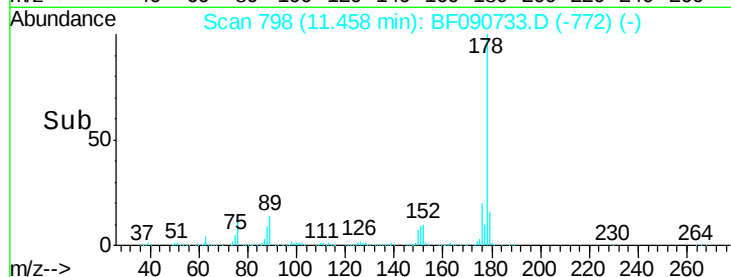
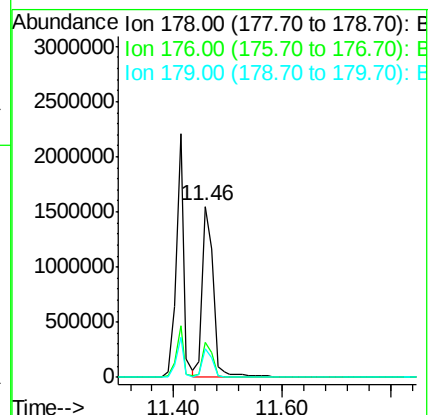
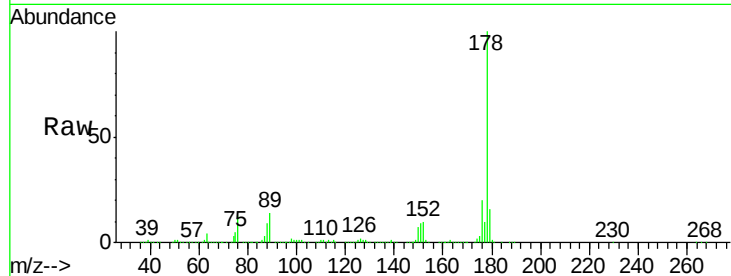
#71
 Anthracene
 Concen: 46.00 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion:178 Resp: 2166275
 Ion Ratio Lower Upper
 178 100
 176 20.2 14.1 21.1
 179 16.4 12.2 18.2

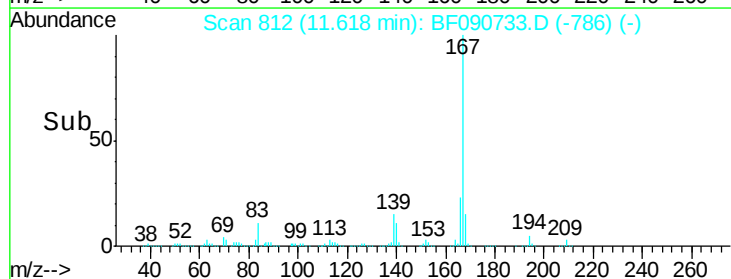
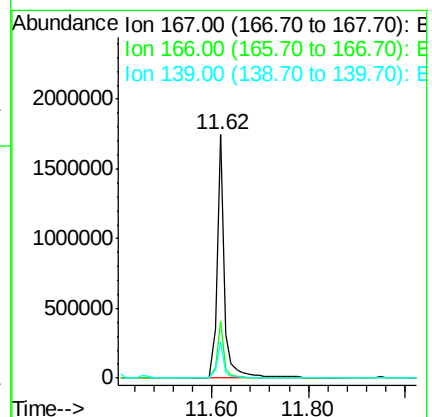
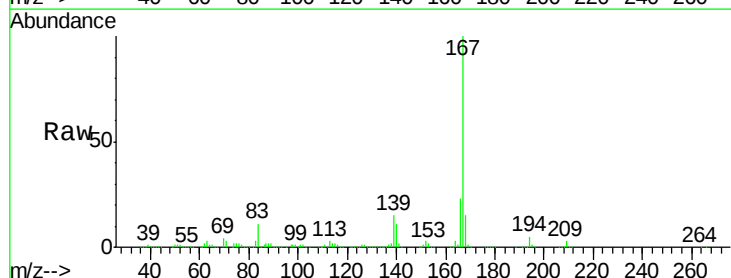
Manual Integrations
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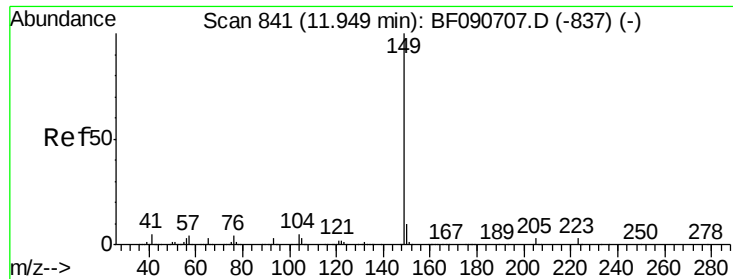
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#72
 Carbazole
 Concen: 49.05 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion:167 Resp: 1931181
 Ion Ratio Lower Upper
 167 100
 166 23.2 15.7 23.5
 139 14.9 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 47.22 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion:149 Resp: 2411439

Ion Ratio Lower Upper

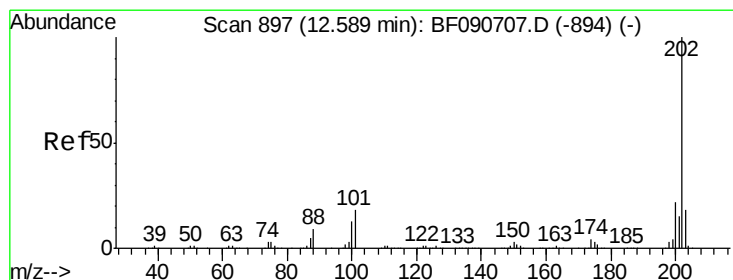
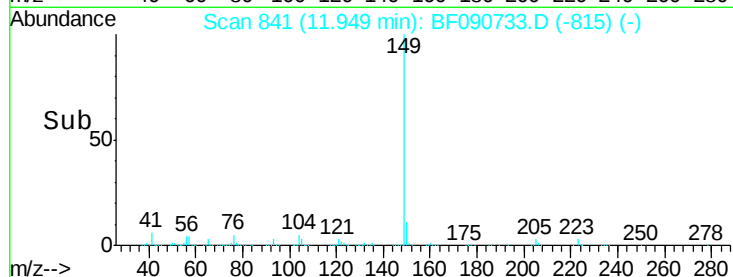
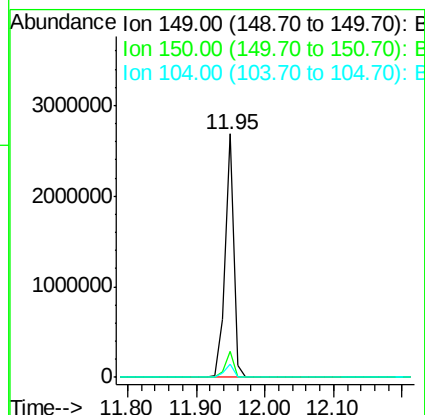
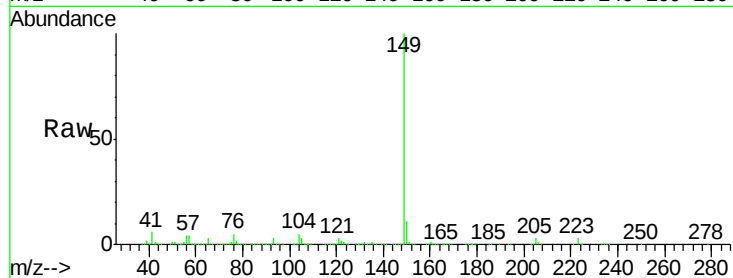
149 100

150 10.6 7.4 11.2

104 5.2 2.4 3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 51.53 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

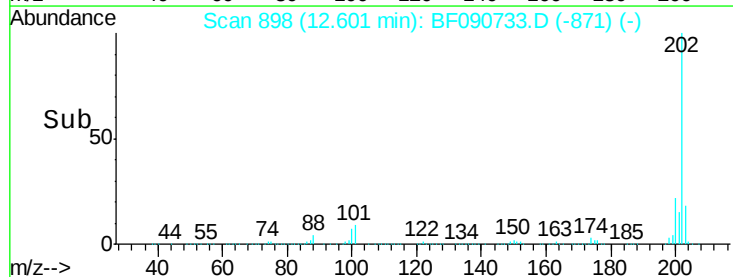
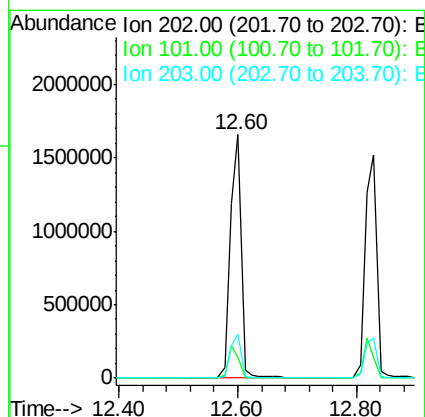
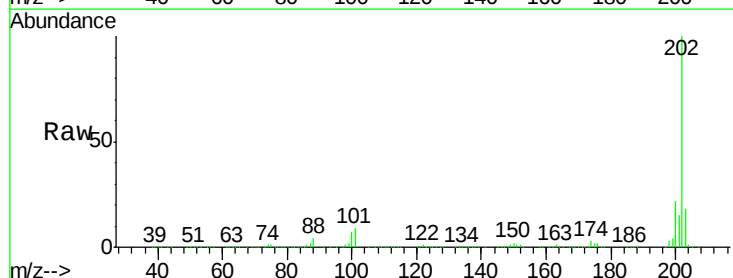
Tgt Ion:202 Resp: 2116629

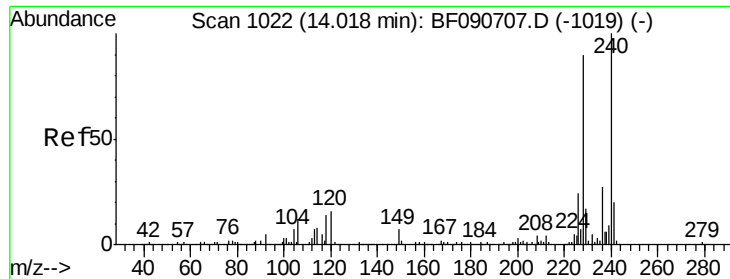
Ion Ratio Lower Upper

202 100

101 8.8 0.0 38.3

203 18.3 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

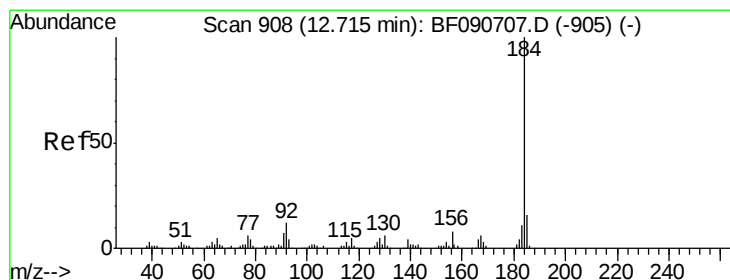
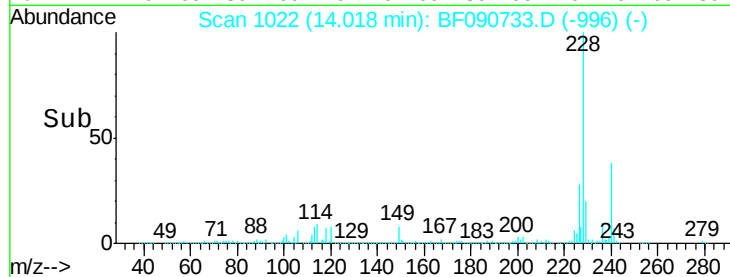
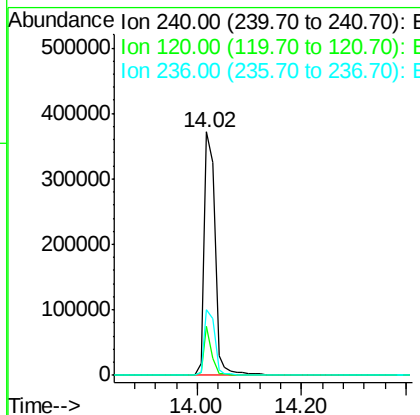
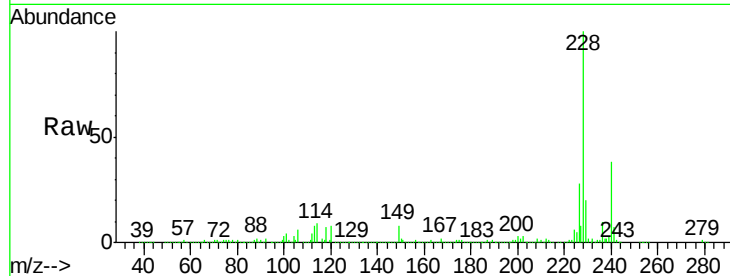
ClientSampleId :

MW-102DMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	20.1	16.2	24.2
236	27.2	18.4	27.6

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#76

Benzidine

Concen: 4.10 ng

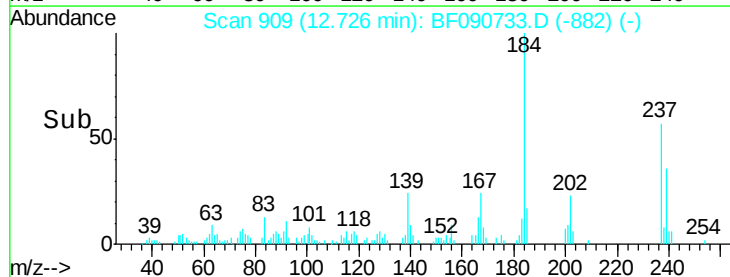
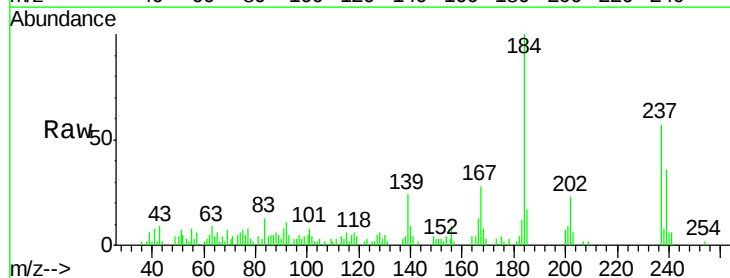
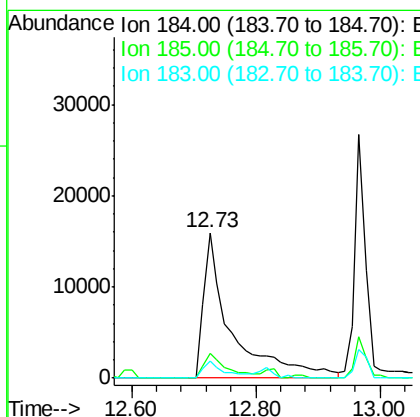
RT: 12.73 min Scan# 909

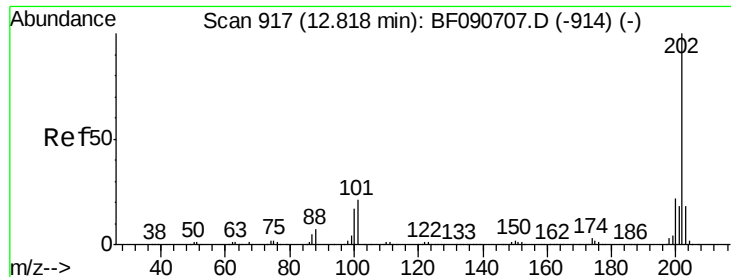
Delta R.T. 0.01 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.1	11.8	17.6
183	11.6	7.6	11.4#





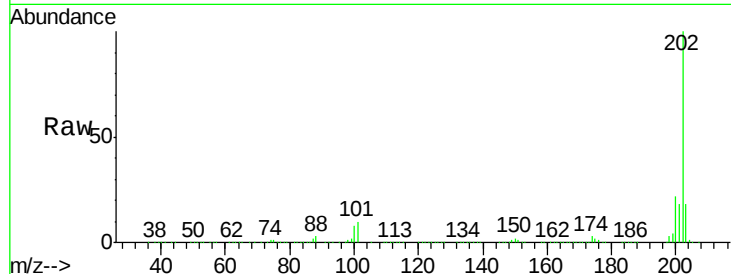
#77
Pvrene
Concen: 53.92 ng
RT: 12.83 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

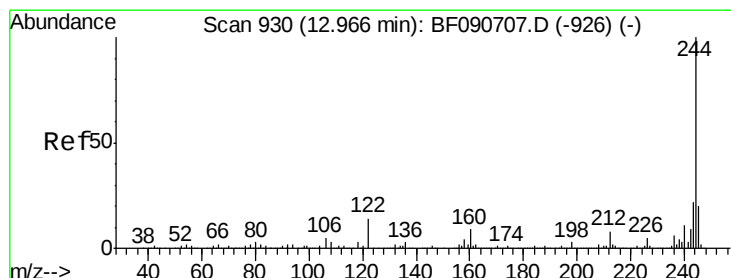
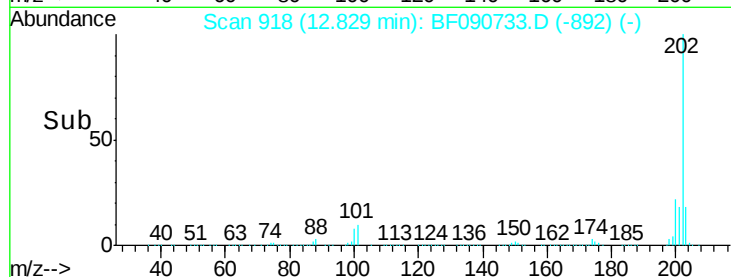
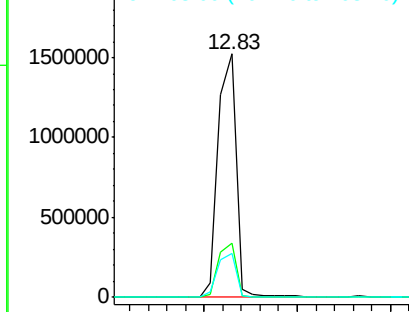
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	15.0	22.4
203	17.9	14.1	21.1

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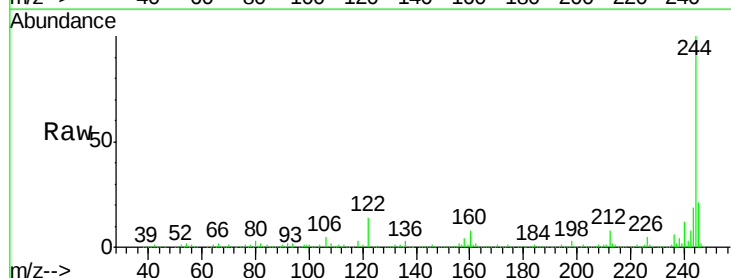


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

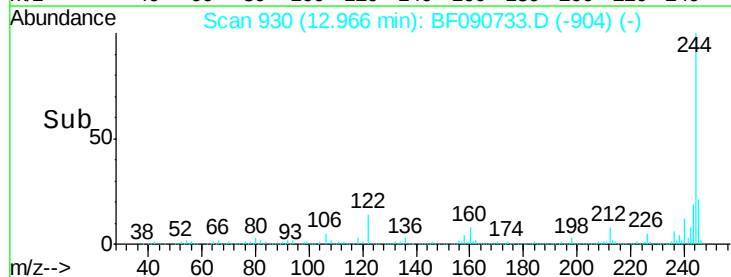
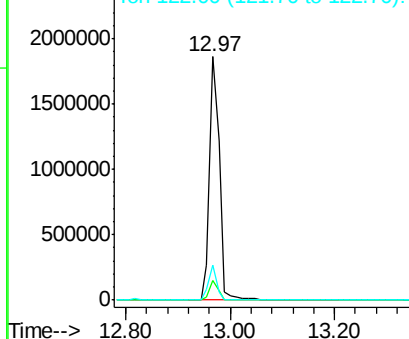


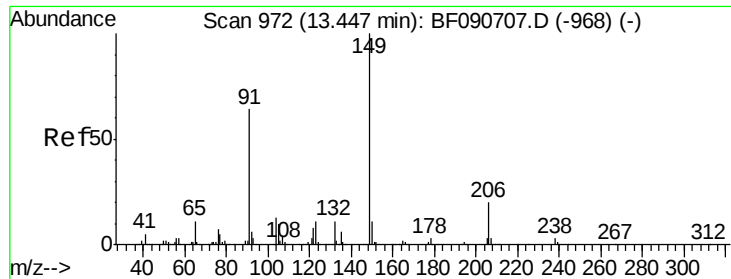
#78
Terphenyl-d14
Concen: 102.70 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.3	6.5#
122	14.3	17.4	26.2#



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





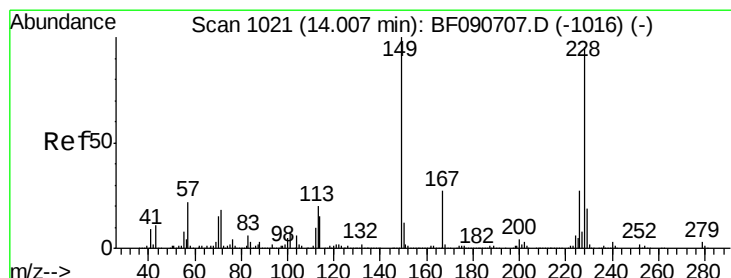
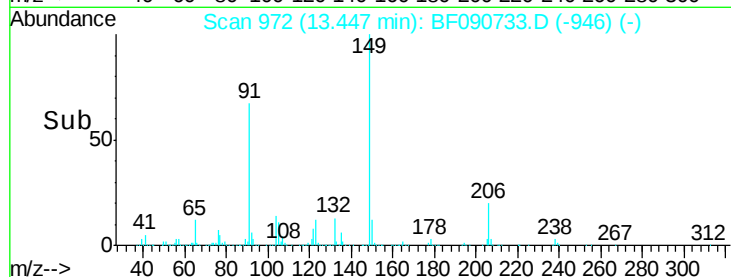
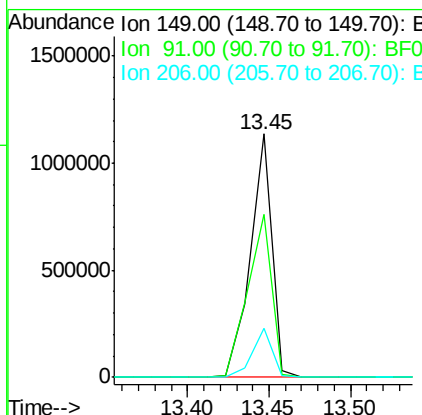
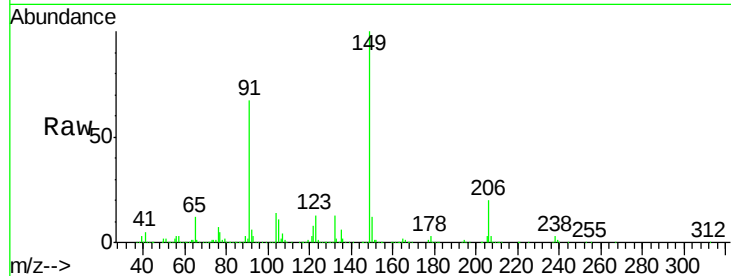
#79
Butylbenzylphthalate
Concen: 59.83 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampled :
MW-102DMSD

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	67.1	48.6	72.8	
206	19.9	14.9	22.3	

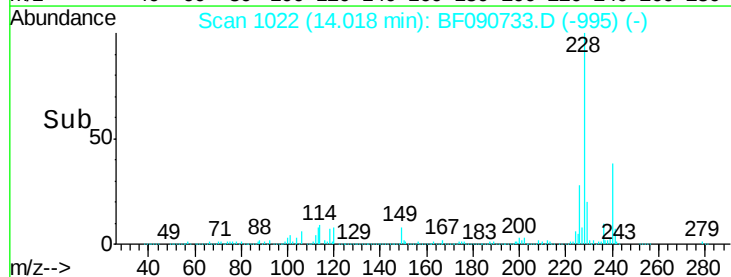
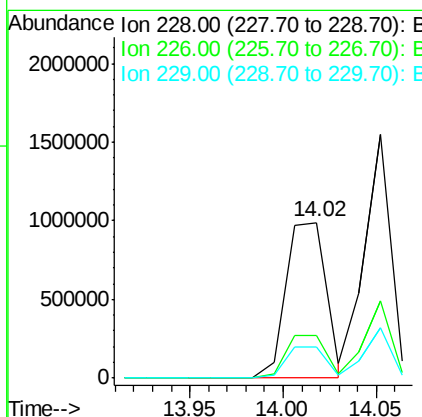
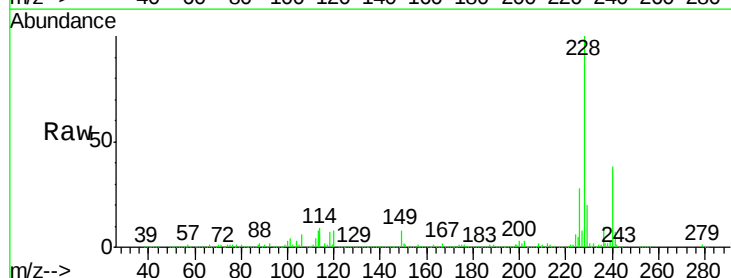
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#80
Benzo(a)anthracene
Concen: 49.79 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	27.7	20.0	30.0	
229	19.7	15.4	23.2	





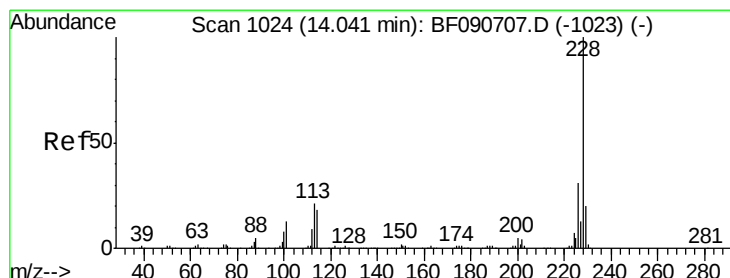
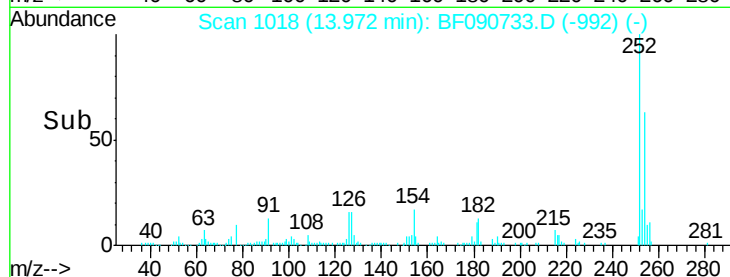
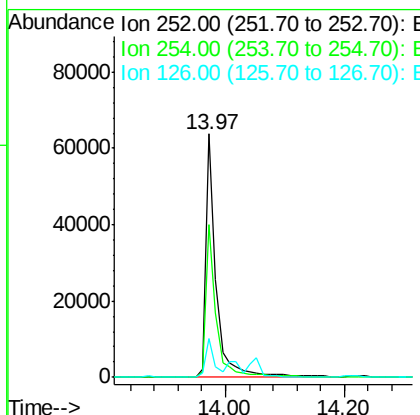
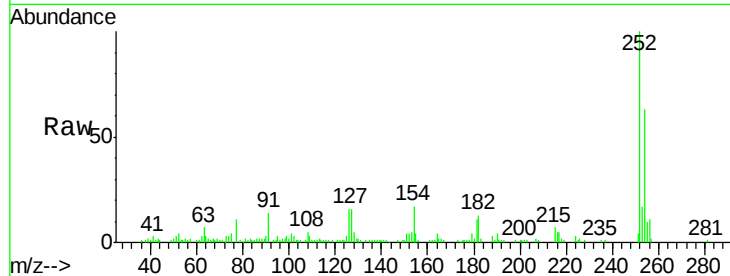
#81
 3,3'-Dichlorobenzidine
 Concen: 7.62 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.4	77.2
126	16.2	16.4	24.6

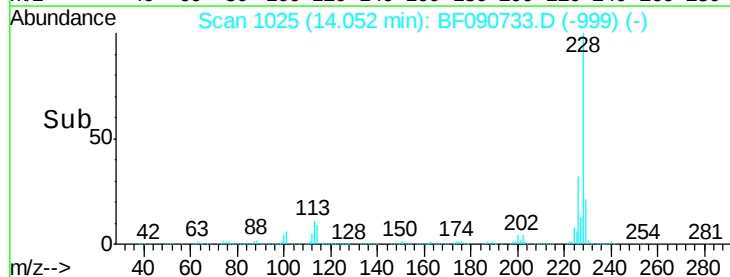
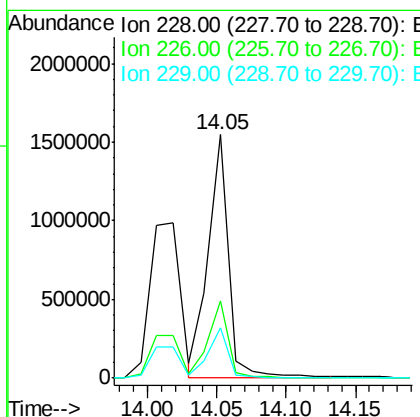
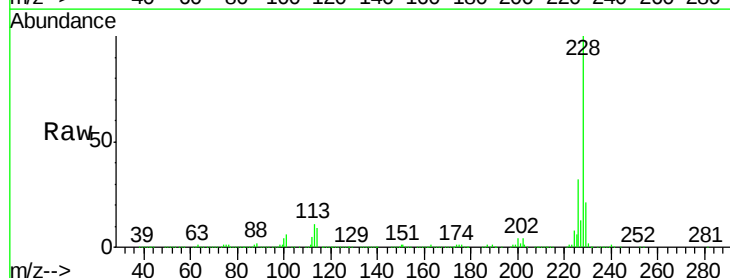
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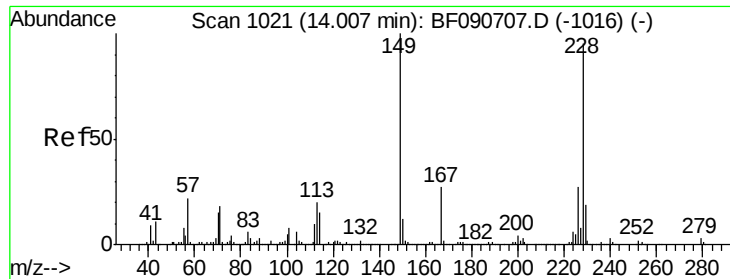
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#82
 Chrysene
 Concen: 55.29 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.0	31.4
229	20.8	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.16 ng

RT: 14.01 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

Instrument :

BNA_F

ClientSampleId :

MW-102DMSD

Tot Ion:149 Resp: 1276435

Ion Ratio Lower Upper

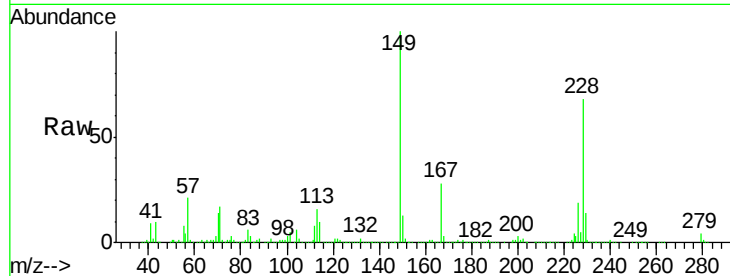
149 100

167 28.5 24.2 36.2

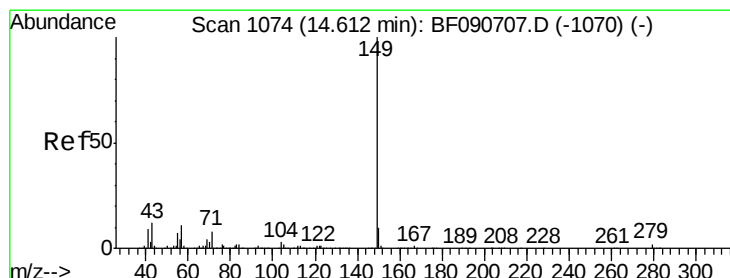
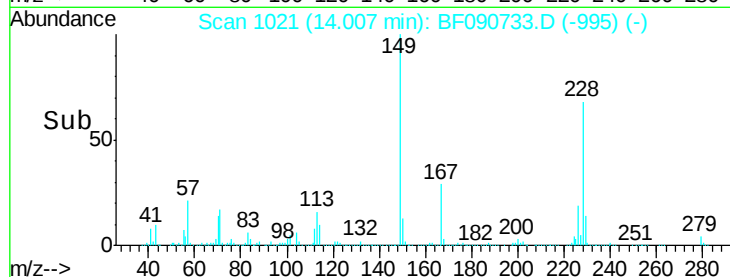
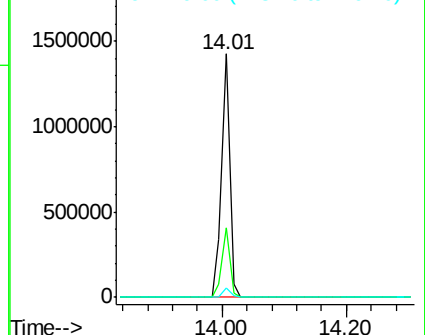
279 3.9 3.8 5.6

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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: 49.41 ng

RT: 14.61 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF090733.D

Acq: 22 Oct 2016 1:54

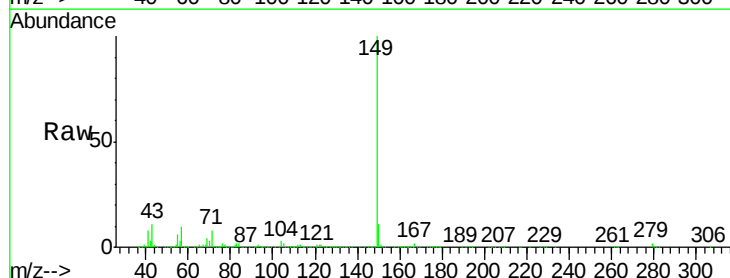
Tgt Ion:149 Resp: 1871028

Ion Ratio Lower Upper

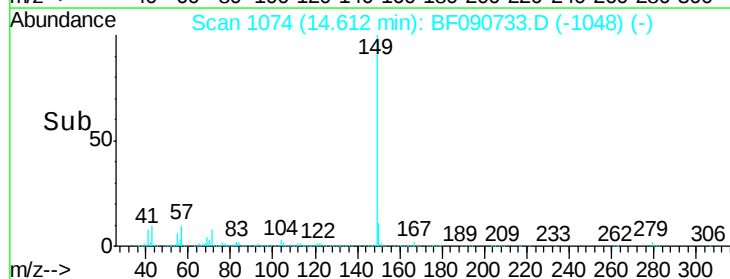
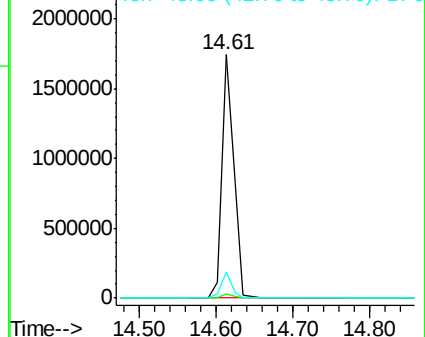
149 100

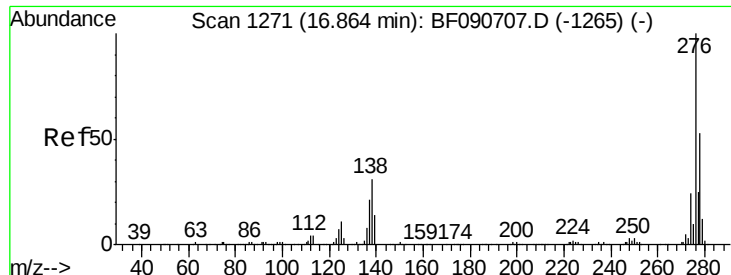
167 1.7 1.0 1.6#

43 9.4 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





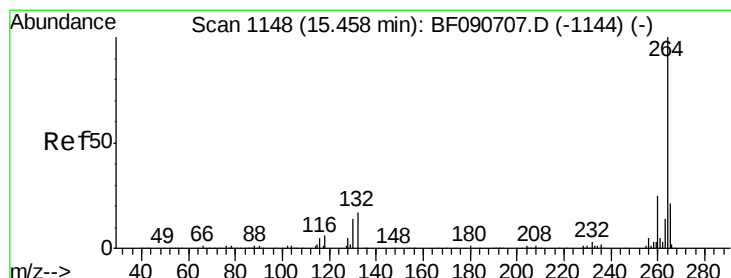
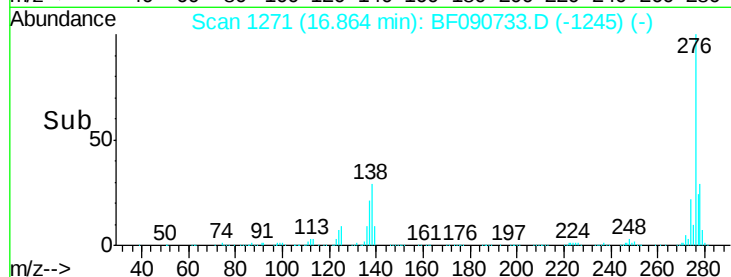
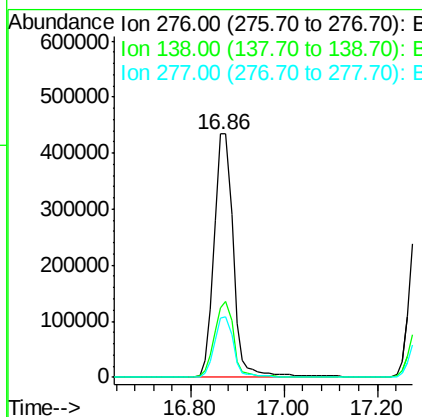
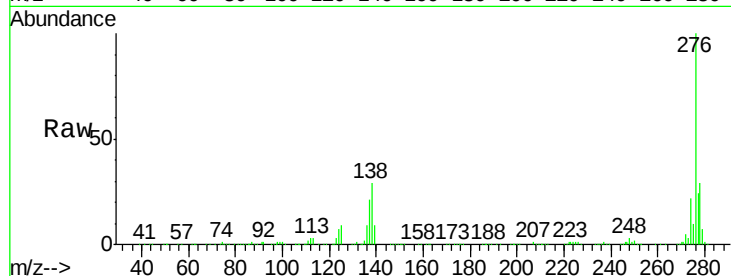
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.39 ng
 RT: 16.86 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.7	38.5
277	25.1	15.6	23.4

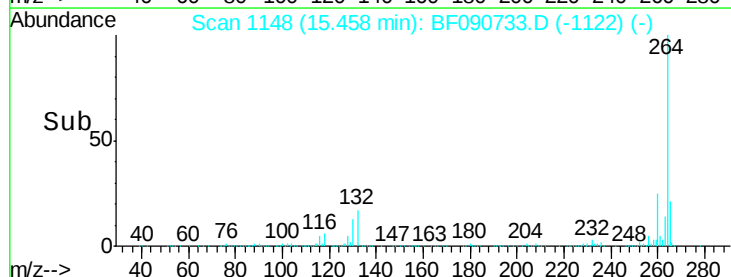
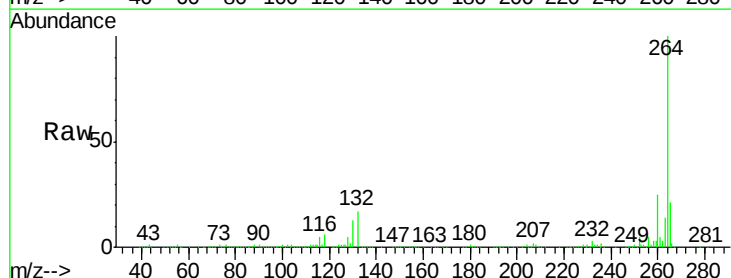
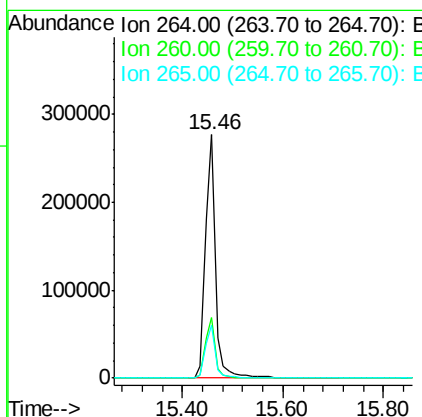
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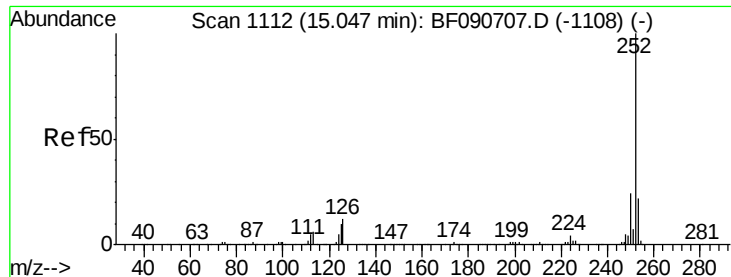
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	16.7	25.1
265	21.5	17.2	25.8





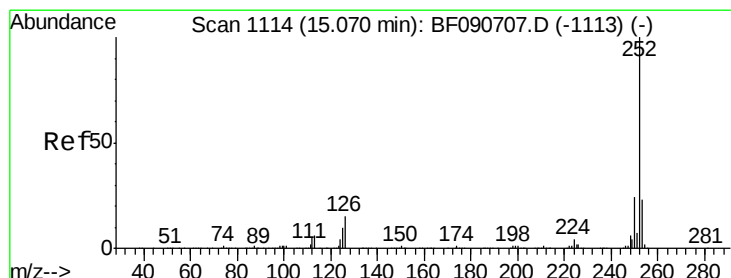
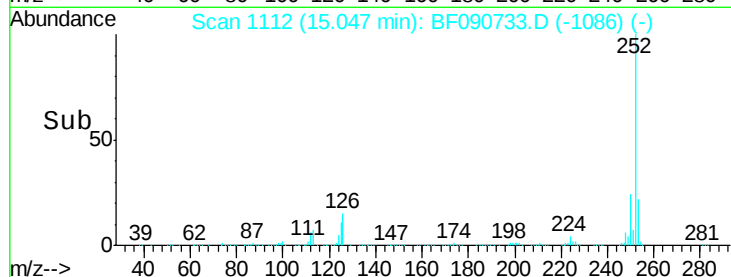
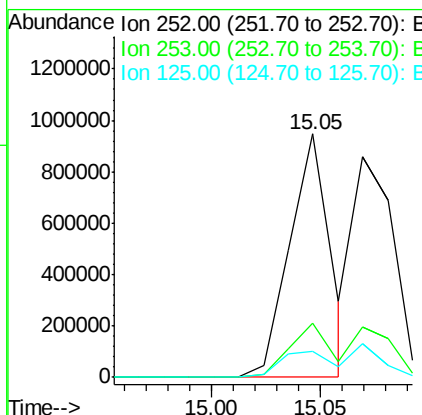
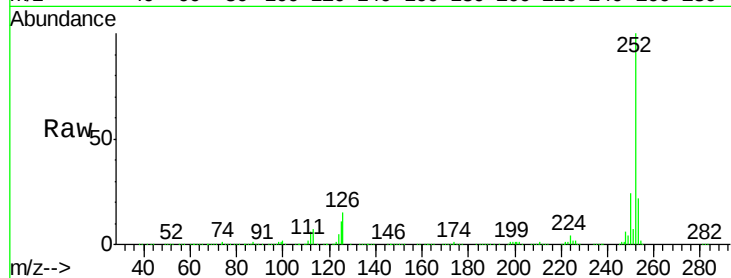
#87
Benzo(b)fluoranthene
Concen: 51.36 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampleId :
MW-102DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.0	17.1	25.7

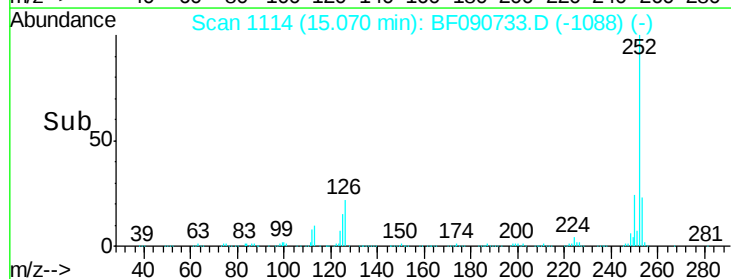
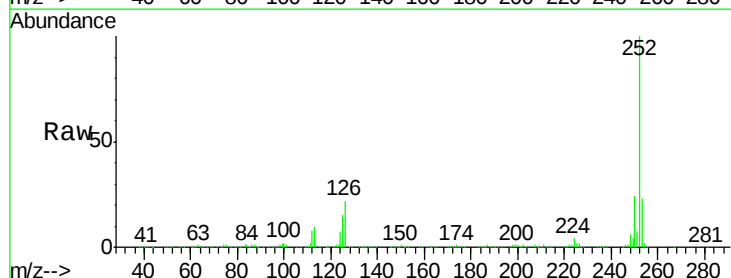
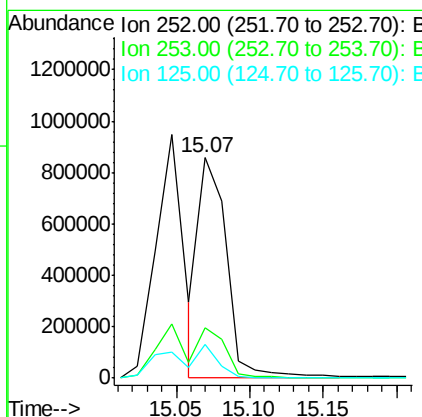
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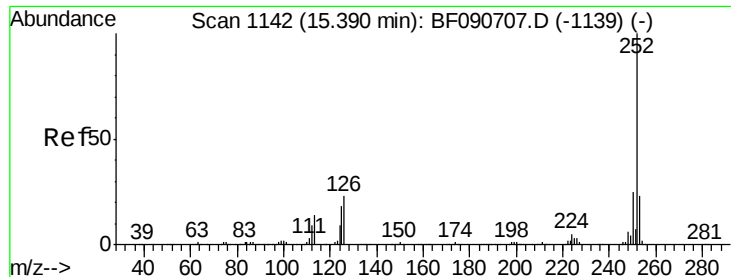
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#88
Benzo(k)fluoranthene
Concen: 49.24 ng m
RT: 15.07 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	15.3	16.0	24.0





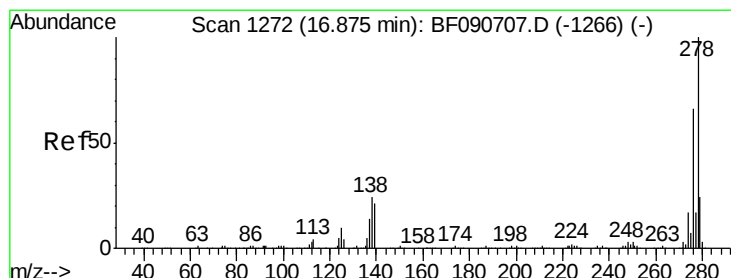
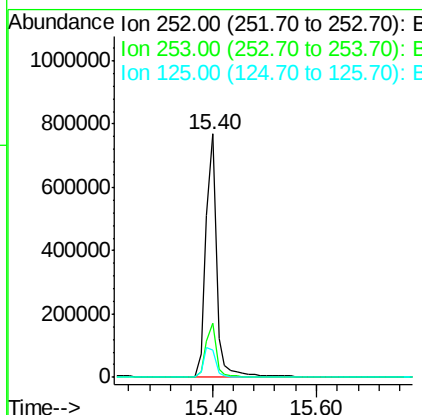
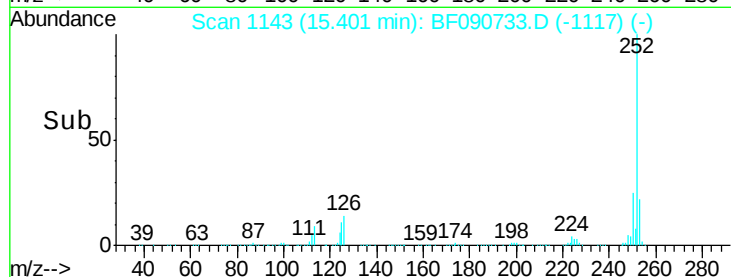
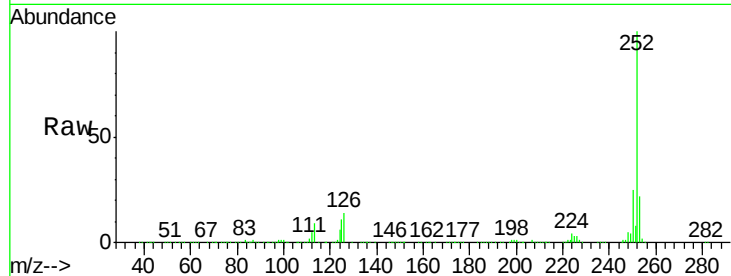
#89
Benzo(a)pyrene
Concen: 48.83 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Instrument :
BNA_F
ClientSampled :
MW-102DMSD

Tot Ion:252 Resp: 1088390
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.2 18.0 27.0#

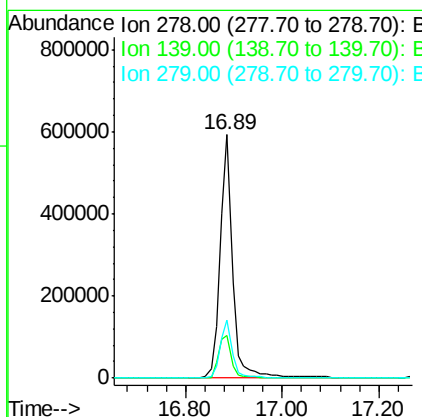
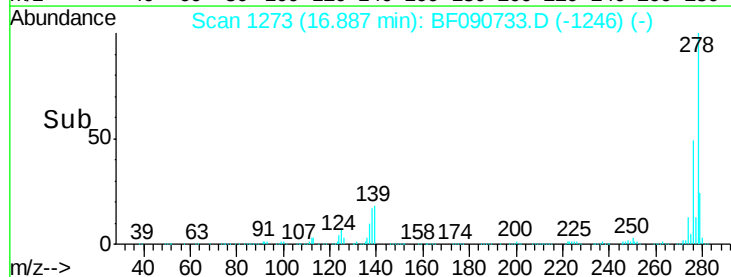
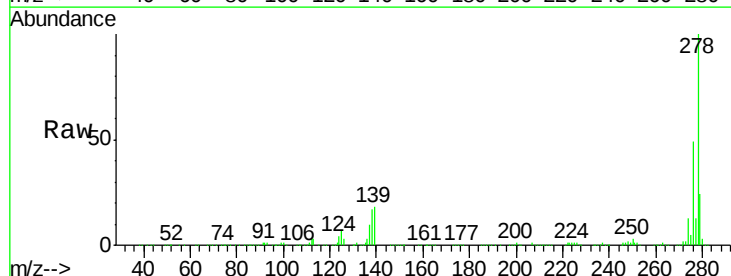
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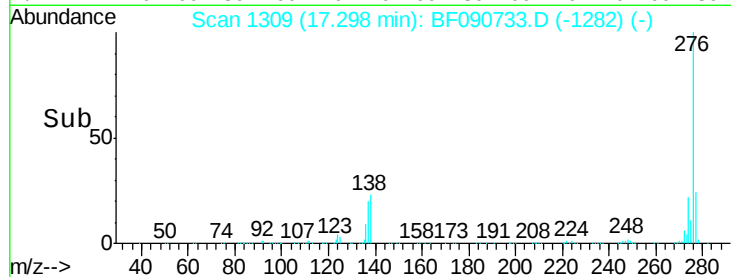
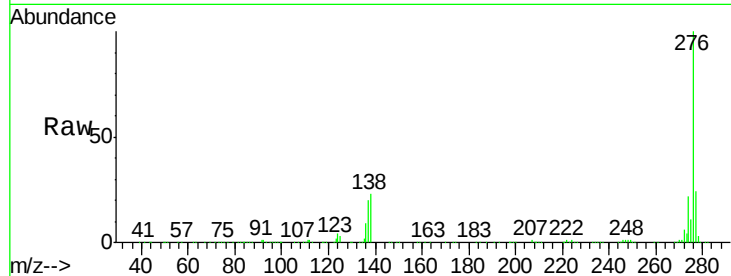
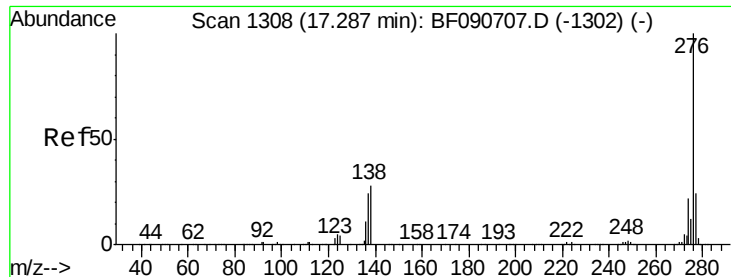
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#90
Dibenzo(a,h)anthracene
Concen: 50.07 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090733.D
Acq: 22 Oct 2016 1:54

Tgt Ion:278 Resp: 1071526
Ion Ratio Lower Upper
278 100
139 17.7 26.3 39.5#
279 24.0 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 50.17 ng
 RT: 17.30 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF090733.D
 Acq: 22 Oct 2016 1:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	23.2	34.6	51.8

Manual Integrations
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