

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090759.D
 Acq On : 22 Oct 2016 13:48
 Operator : UM/SJ
 Sample : H5367-09MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Manual Integrations
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 10/24/2016 3:52:48 PM

Quant Time: Oct 24 12:34:01 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	264093	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1066586	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	548687	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	815791	20.00	ng	0.00
75) Chrysene-d12	14.02	240	488008	20.00	ng	0.00
86) Perylene-d12	15.46	264	401079	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	791778	48.35	ng	0.01
7) Phenol-d6	6.50	99	660854	29.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1490252	76.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	603939	139.07	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	2867832	81.14	ng	0.00
78) Terphenyl-d14	12.97	244	2277684	106.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	121155	12.79	ng	# 78
3) Pyridine	3.32	79	280452m	12.63	ng	
4) n-Nitrosodimethylamine	3.24	42	89837	11.83	ng	# 69
6) Aniline	6.52	93	477584	18.99	ng	# 83
8) 2-Chlorophenol	6.65	128	641264	32.62	ng	# 98
9) Benzaldehyde	6.41	77	142884	11.78	ng	# 83
10) Phenol	6.51	94	303071	12.16	ng	# 61
11) bis(2-Chloroethyl)ether	6.59	93	756811	36.13	ng	# 95
12) 1,3-Dichlorobenzene	6.79	146	755258	38.25	ng	# 94
13) 1,4-Dichlorobenzene	6.87	146	804848	38.43	ng	# 94
14) 1,2-Dichlorobenzene	7.02	146	731732m	35.69	ng	
15) Benzyl Alcohol	7.00	79	347174	23.04	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	7.14	45	872643	27.81	ng	# 63
17) 2-Methylphenol	7.13	107	403179	27.22	ng	# 80
18) Hexachloroethane	7.37	117	278605	32.77	ng	# 87
19) n-Nitroso-di-n-propylamine	7.29	70	575156	34.82	ng	# 66
20) 3+4-Methylphenols	7.27	107	395586	22.53	ng	# 44
22) Acetophenone	7.27	105	1044499	43.94	ng	# 84
24) Nitrobenzene	7.45	77	793966	37.66	ng	# 74
25) Isophorone	7.69	82	1555903	42.27	ng	# 92
26) 2-Nitrophenol	7.77	139	420014	48.77	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	604004	39.55	ng	# 80
28) bis(2-Chloroethoxy)methane	7.90	93	977163	48.52	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	582106	46.45	ng	# 94
30) 1,2,4-Trichlorobenzene	8.09	180	682169	46.25	ng	# 98
31) Naphthalene	8.17	128	2161274	41.42	ng	# 96
32) Benzoic acid	7.89	122	82323	13.99	ng	# 76
33) 4-Chloroaniline	8.22	127	341015	17.62	ng	# 94
34) Hexachlorobutadiene	8.28	225	372490	44.92	ng	# 98
35) Caprolactam	8.60	113	24712	6.90	ng	# 87
36) 4-Chloro-3-methylphenol	8.70	107	557358	38.24	ng	# 89
37) 2-Methylnaphthalene	8.86	142	1463516	48.00	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	647482	43.70	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	686529	98.70	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	438470	47.72	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	440020	47.19	nq	# 96
45) 1,1'-Biphenyl	9.32	154	1642704	38.12	nq	91
46) 2-Chloronaphthalene	9.34	162	1382927	43.18	nq	# 90
47) 2-Nitroaniline	9.45	65	433110	40.74	nq	# 76
48) Acenaphthylene	9.77	152	2125978	43.50	nq	95
49) Dimethylphthalate	9.63	163	1546201	44.85	nq	# 97
50) 2,6-Dinitrotoluene	9.69	165	344234	46.43	nq	# 52
51) Acenaphthene	9.94	154	1496050	46.11	nq	89
52) 3-Nitroaniline	9.86	138	143753	16.87	nq	# 63
53) 2,4-Dinitrophenol	9.97	184	254254m	65.82	nq	
54) Dibenzofuran	10.11	168	1898501	48.31	nq	# 88
55) 4-Nitrophenol	10.03	139	117000	26.62	nq	# 68
56) 2,4-Dinitrotoluene	10.10	165	495853	54.72	nq	# 97
57) Fluorene	10.45	166	1500887	46.08	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.22	232	362040	49.48	nq	100
59) Diethylphthalate	10.33	149	1542069	43.12	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	734260	49.33	nq	92
61) 4-Nitroaniline	10.47	138	304812	35.31	nq	# 56
62) Azobenzene	10.60	77	1575359	37.62	nq	87
64) 4,6-Dinitro-2-methylphenol	10.51	198	213304	41.58	nq	# 58
65) n-Nitrosodiphenylamine	10.57	169	1293091	49.48	nq	89
66) 4-Bromophenyl-phenylether	10.93	248	463306	58.58	nq	95
67) Hexachlorobenzene	11.00	284	539696	57.83	nq	# 80
68) Atrazine	11.09	200	319509	44.29	nq	85
69) Pentachlorophenol	11.19	266	519463	85.79	nq	98
70) Phenanthrene	11.41	178	2053986m	49.40	nq	
71) Anthracene	11.46	178	2047240	44.40	nq	95
72) Carbazole	11.62	167	1729065	44.85	nq	# 93
73) Di-n-butylphthalate	11.95	149	2294614	45.88	nq	# 96
74) Fluoranthene	12.60	202	1856102	46.14	nq	87
76) Benzidine	12.73	184	380908	35.15	nq	98
77) Pyrene	12.83	202	1799673	52.80	nq	96
79) Butylbenzylphthalate	13.45	149	872873	55.71	nq	92
80) Benzo(a)anthracene	14.02	228	1337802	50.09	nq	96
81) 3,3'-Dichlorobenzidine	13.97	252	269758	29.15	nq	98
82) Chrysene	14.05	228	1429194m	54.83	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1157987	51.66	nq	# 96
84) Di-n-octyl phthalate	14.61	149	1663883	48.91	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1257549	55.30	nq	# 94
87) Benzo(b)fluoranthene	15.05	252	1148336	46.56	nq	# 89
88) Benzo(k)fluoranthene	15.07	252	1192873m	48.13	nq	
89) Benzo(a)pyrene	15.40	252	1102004	47.63	nq	# 89
90) Dibenzo(a,h)anthracene	16.89	278	1074995	48.39	nq	# 85
91) Benzo(g,h,i)perylene	17.30	276	1045266	48.51	nq	# 82

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

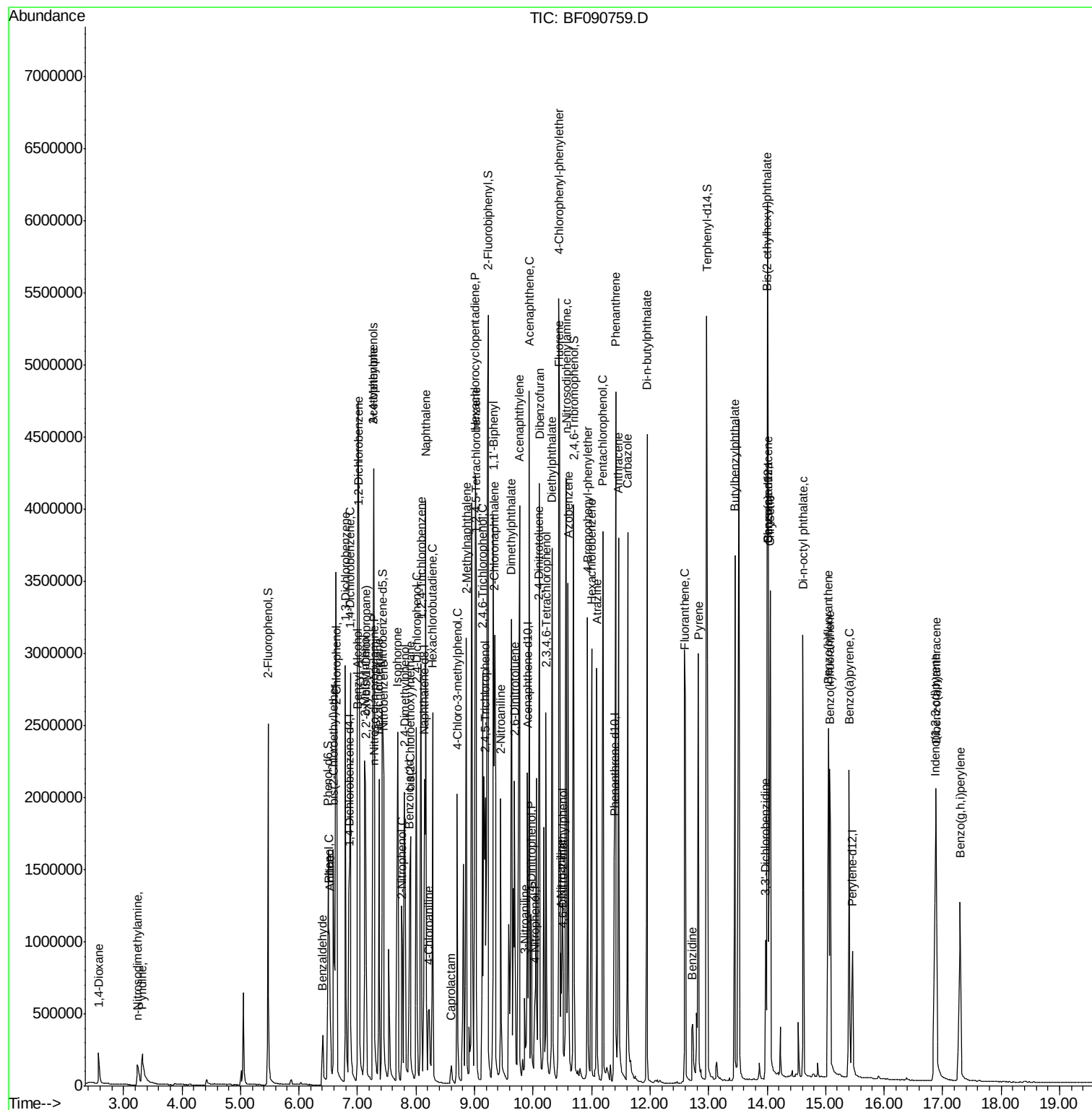
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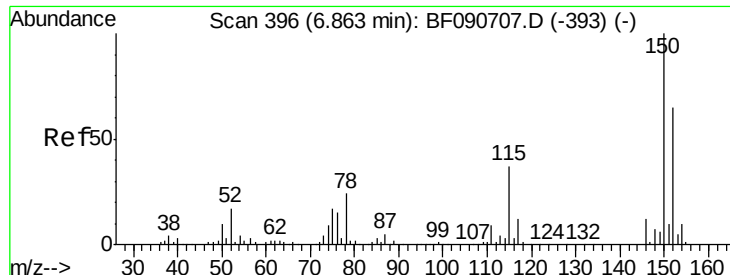
Instrument :
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ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

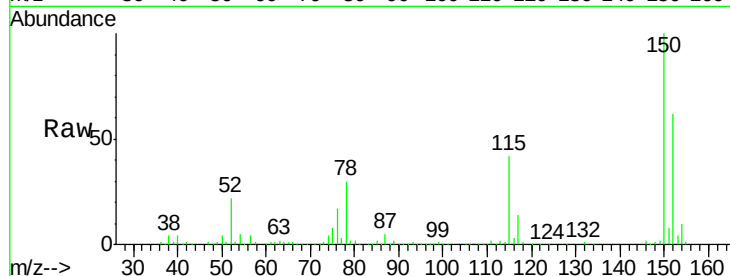
ClientSampleId :

MW-01S-101916MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.7	187.1
115	68.2	39.0	58.4

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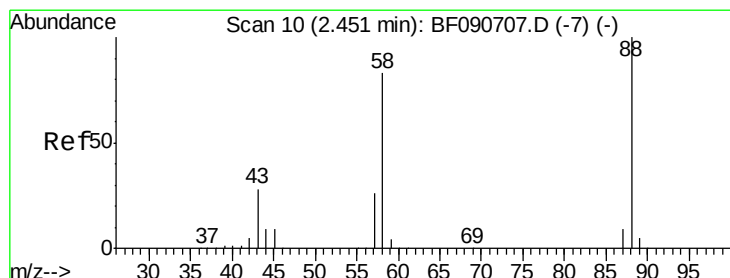
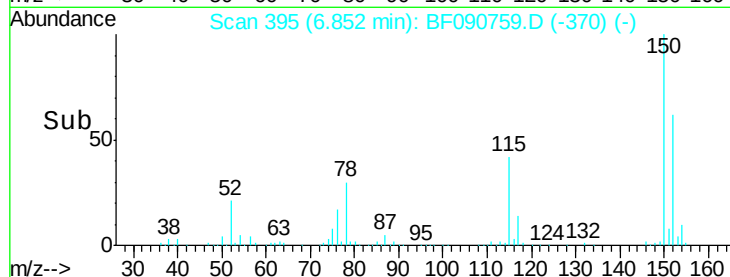
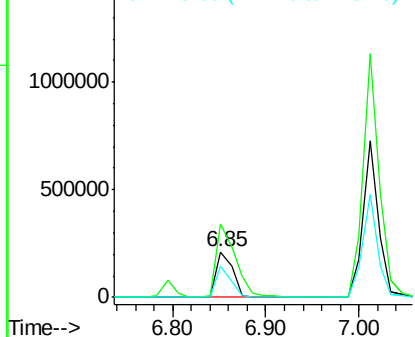


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.79 ng

RT: 2.58 min Scan# 21

Delta R.T. 0.09 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

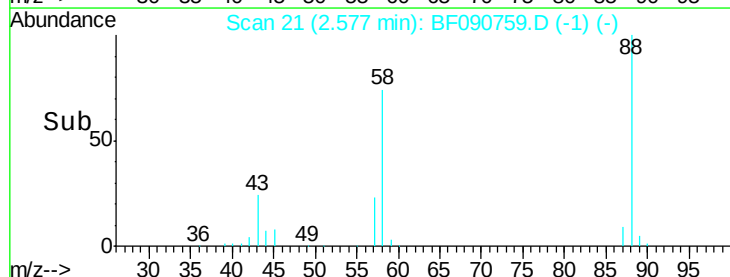
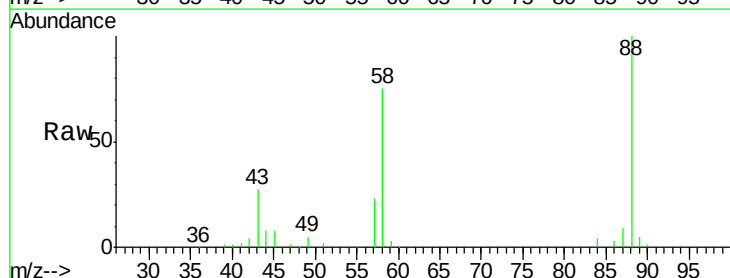
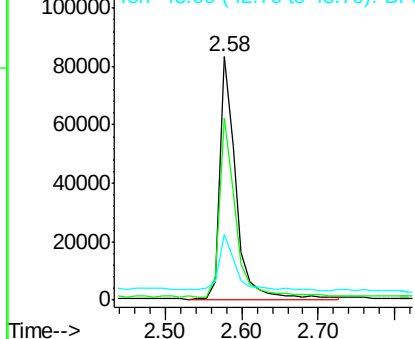
Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	77.7	116.5
43	23.5	26.6	40.0

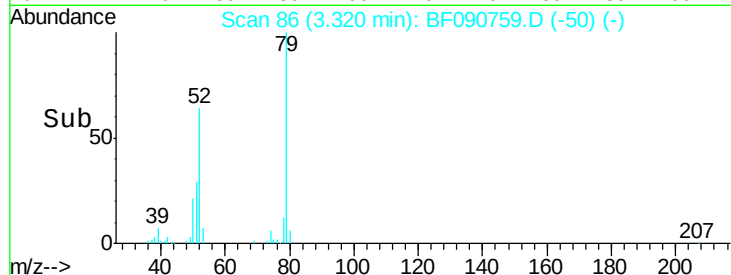
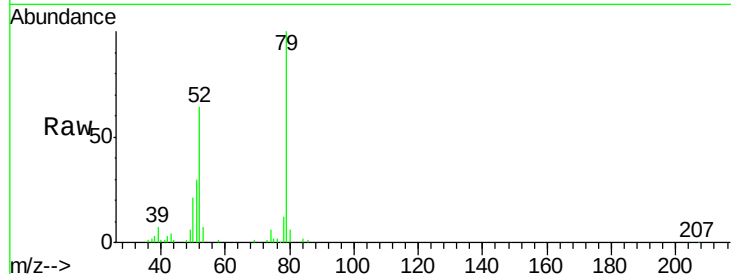
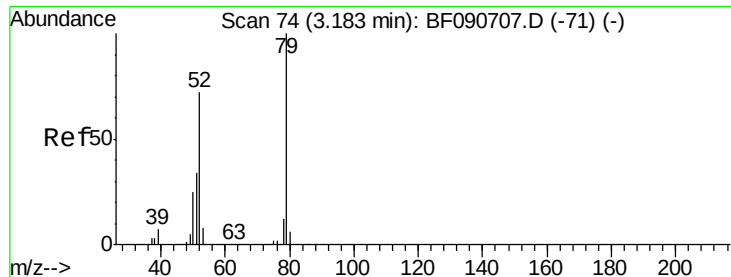
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





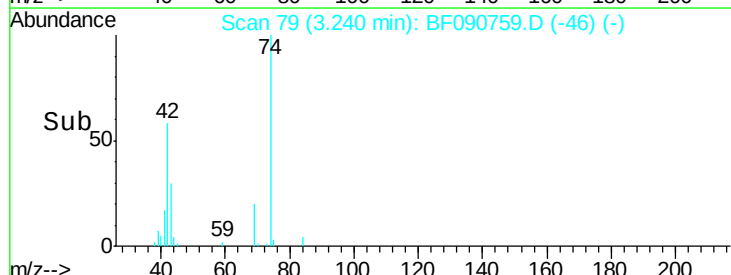
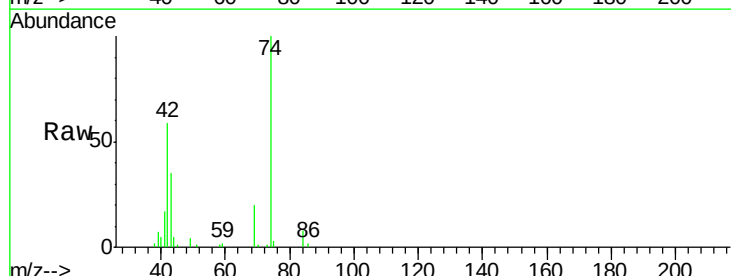
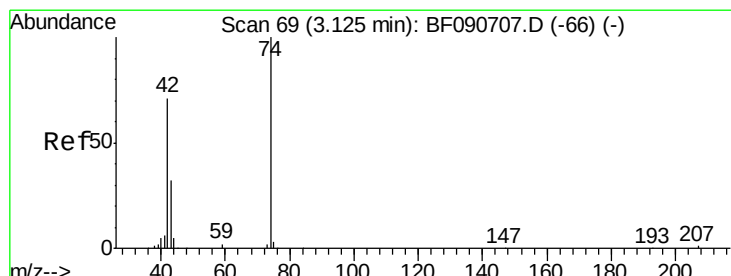
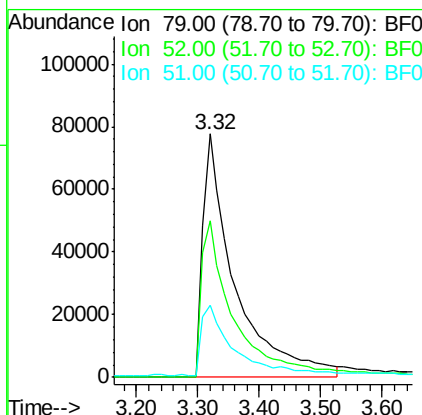
#3
 Pvridine
 Concen: 12.63 ng/ml
 RT: 3.32 min Scan# 86
 Delta R.T. 0.11 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.2	76.8	115.2#
51	29.6	32.2	48.4#

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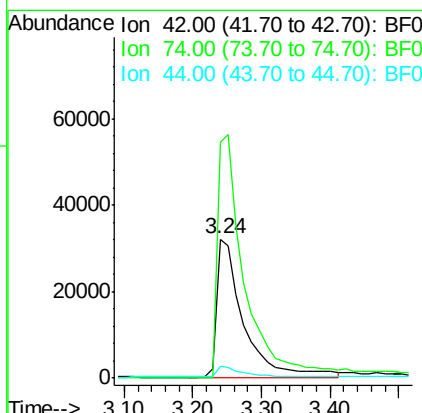
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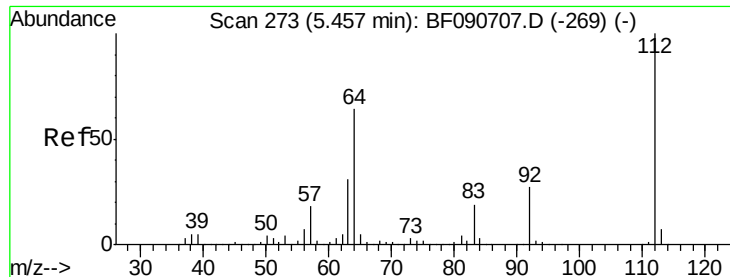
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#4
 n-Nitrosodimethylamine
 Concen: 11.83 ng/ml
 RT: 3.24 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	170.2	105.0	157.6#
44	8.8	6.6	10.0





#5

2-Fluorophenol

Concen: 48.35 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

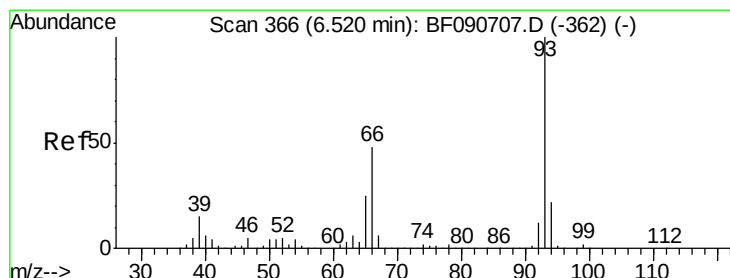
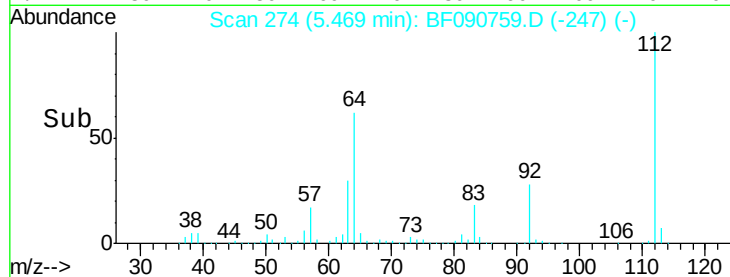
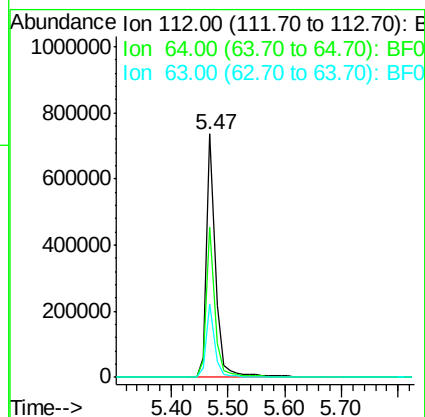
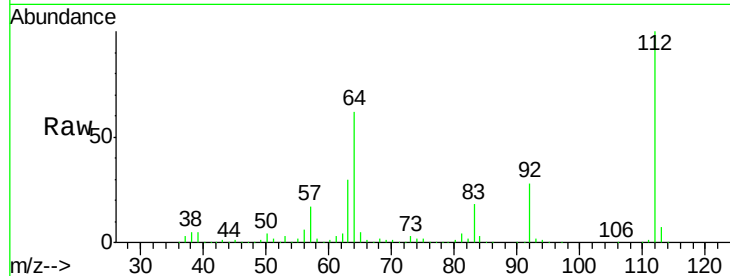
ClientSampleId :

MW-01S-101916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		791778		
64	61.7	39.7	59.5#		
63	30.3	17.4	26.0#		

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#6

Aniline

Concen: 18.99 ng

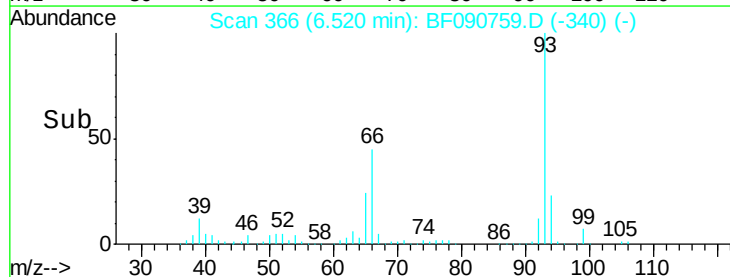
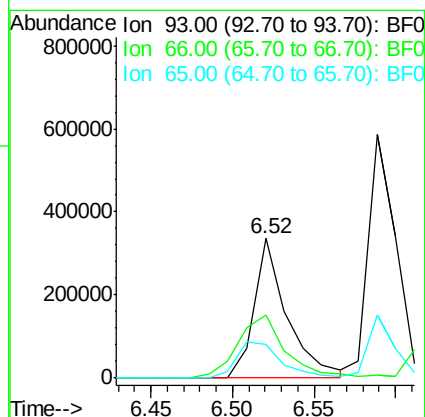
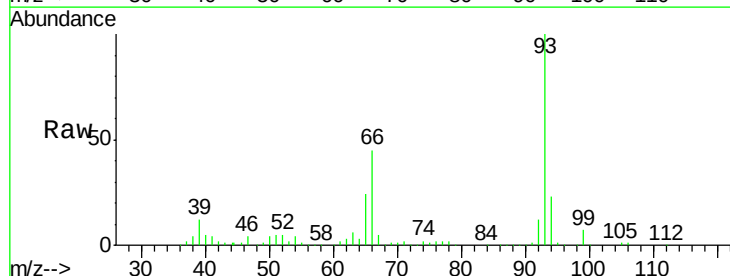
RT: 6.52 min Scan# 366

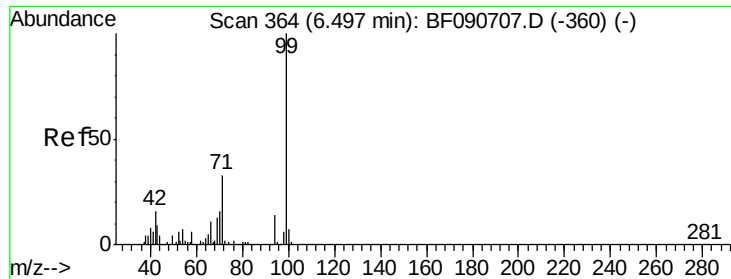
Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		477584		
66	45.2	27.2	40.8#		
65	23.7	14.7	22.1#		





#7

Phenol-d6

Concen: 29.79 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

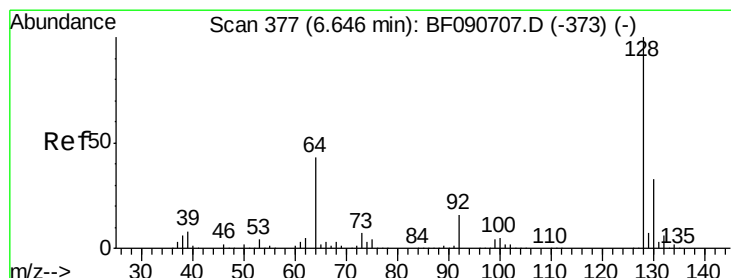
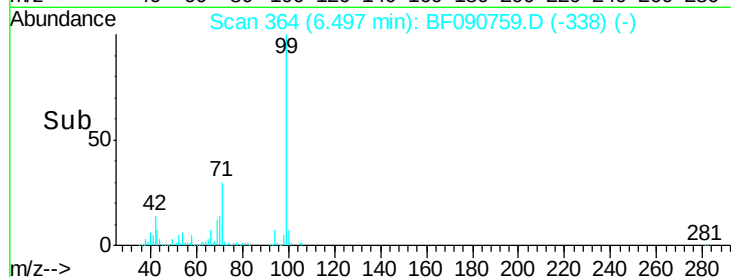
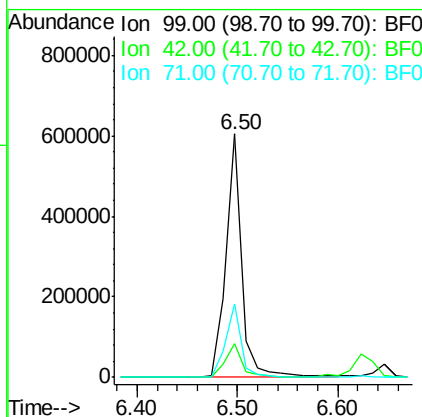
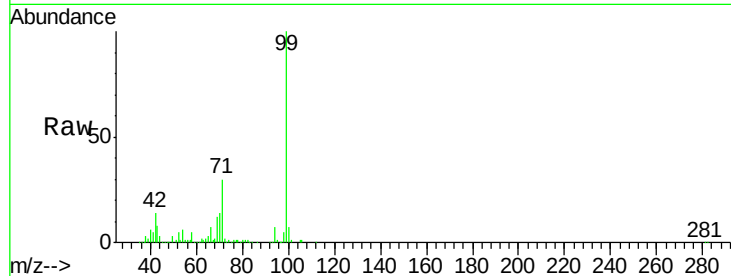
ClientSampleId :

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Tot Ion:	99	Resp:	660854
Ion Ratio	Lower	Upper	
99	100		
42	13.6	13.7	20.5#
71	30.0	14.2	21.2#

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#8

2-Chlorophenol

Concen: 32.62 ng

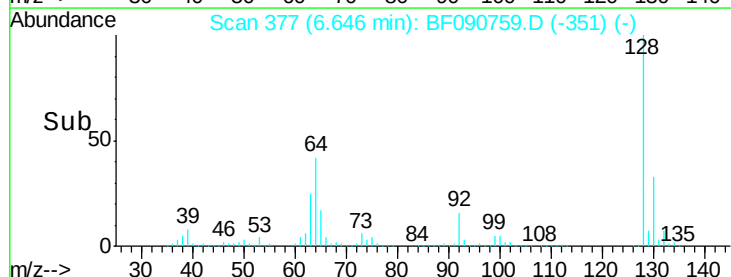
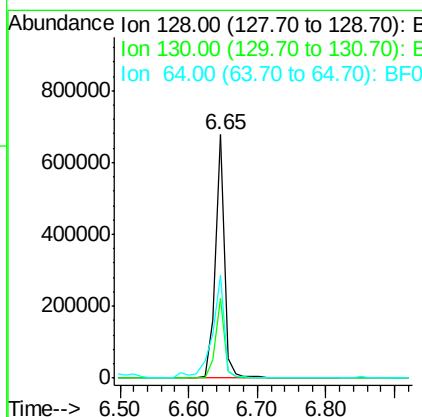
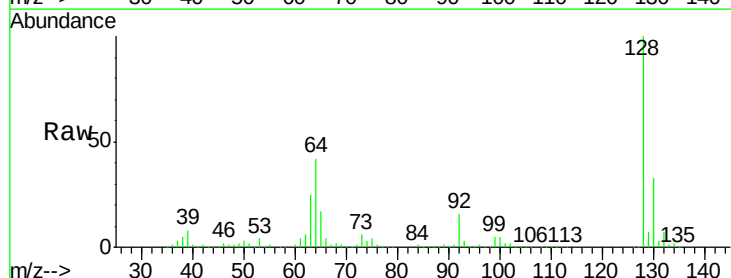
RT: 6.65 min Scan# 377

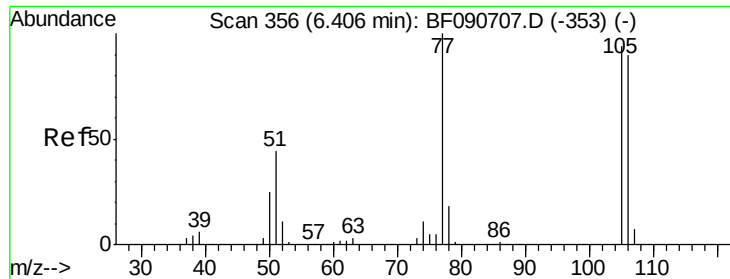
Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:	128	Resp:	641264
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.2	52.2
64	42.5	20.5	60.5





#9

Benzaldehyde

Concen: 11.78 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

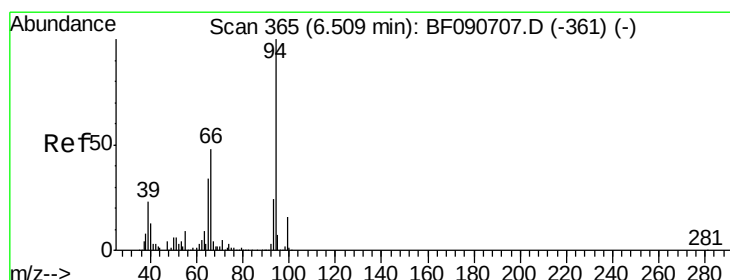
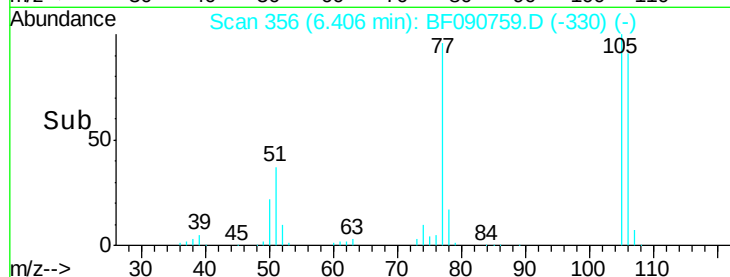
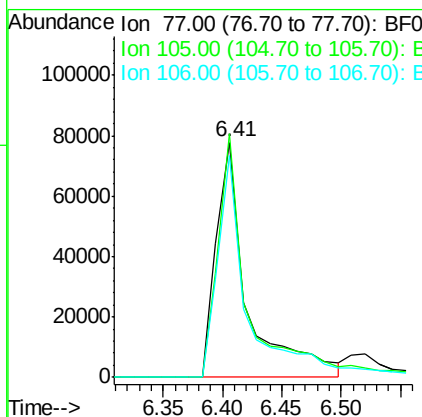
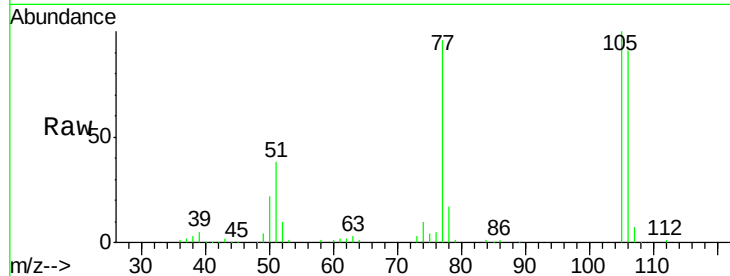
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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	103.6	91.6	131.6	
106	94.3	102.6	142.6	

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#10

Phenol

Concen: 12.16 ng

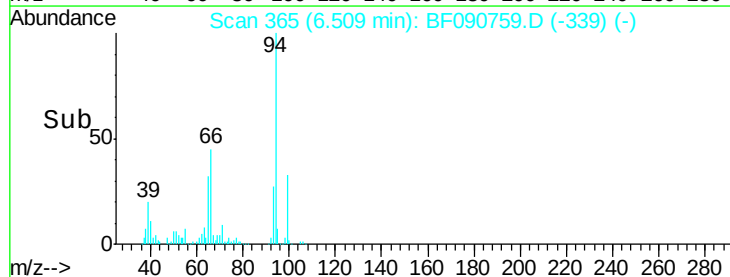
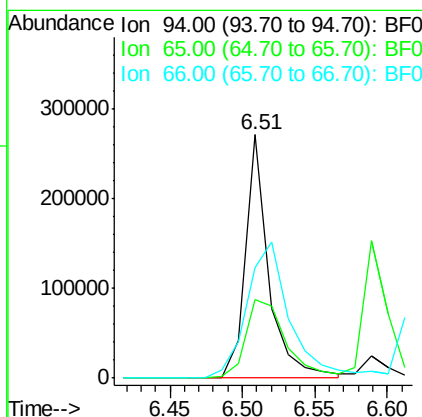
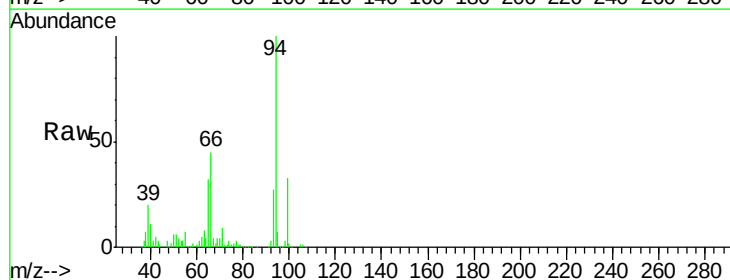
RT: 6.51 min Scan# 365

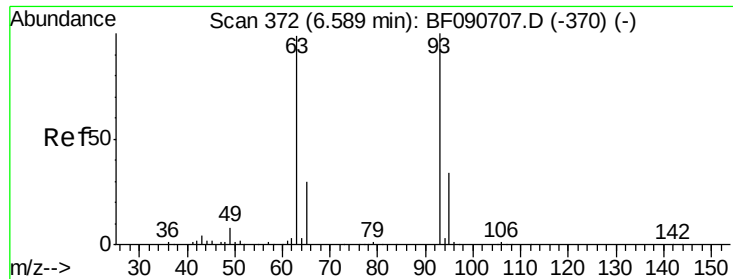
Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	32.3	0.7	40.7	
66	45.2	0.8	40.8	





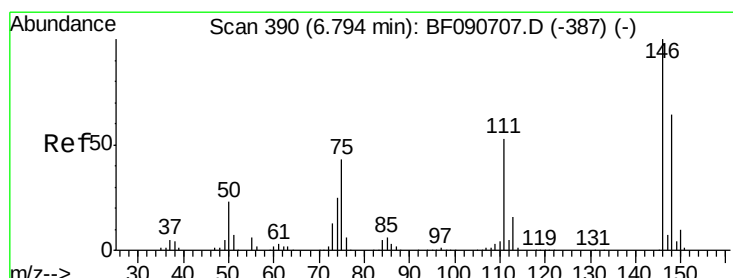
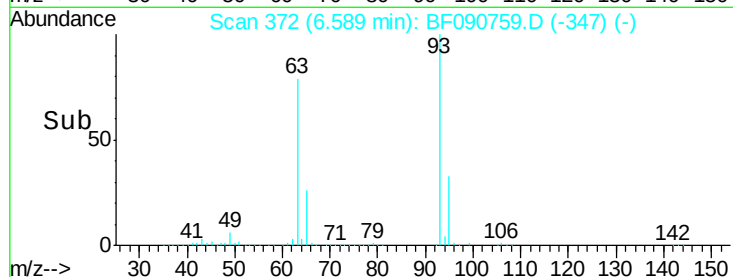
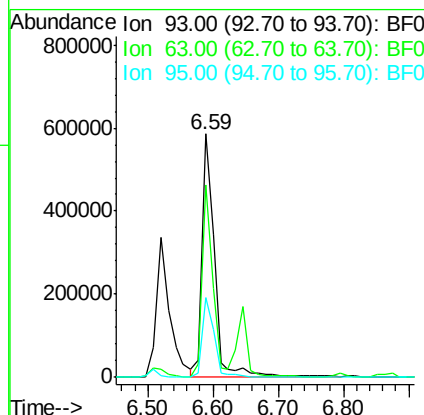
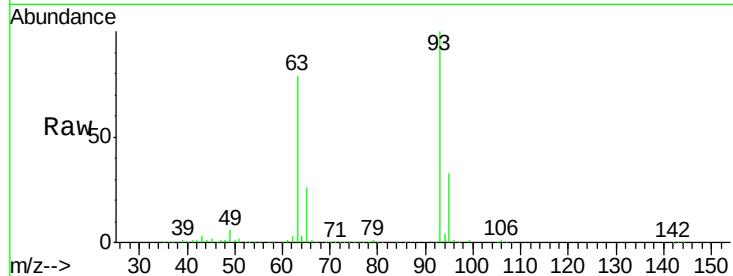
#11
bis(2-Chloroethyl)ether
Concen: 36.13 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.3	65.6	105.6
95	32.9	13.6	53.6

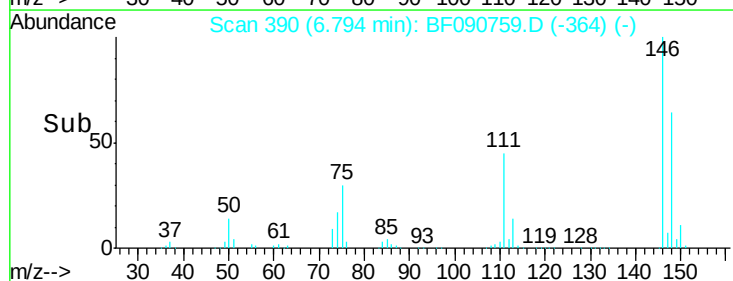
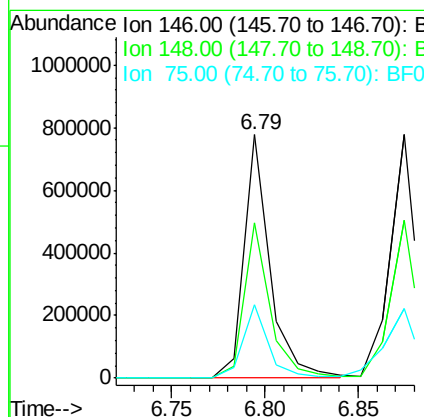
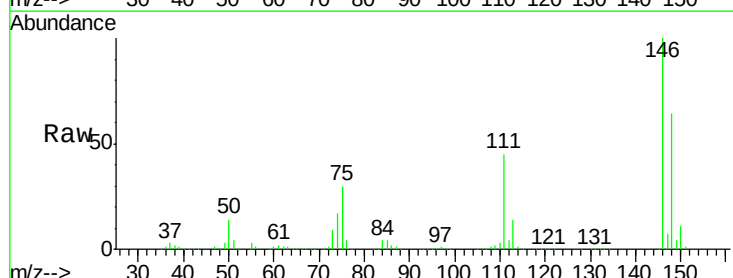
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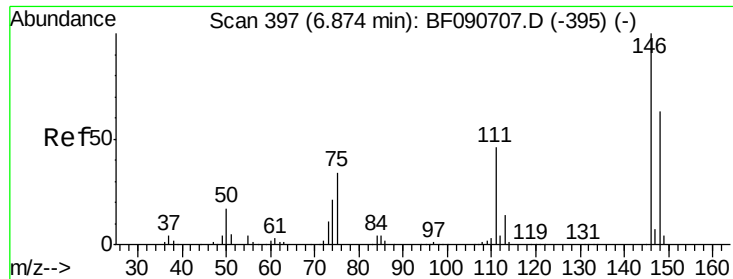
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#12
1,3-Dichlorobenzene
Concen: 38.25 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
75	30.3	15.0	22.6





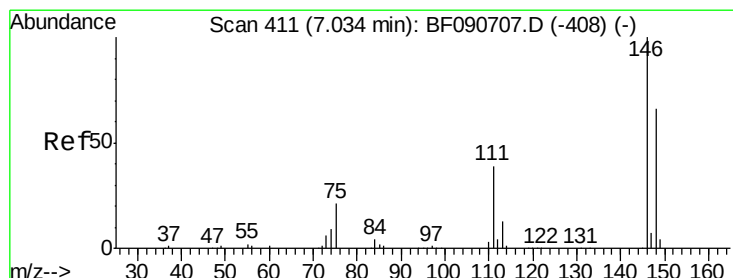
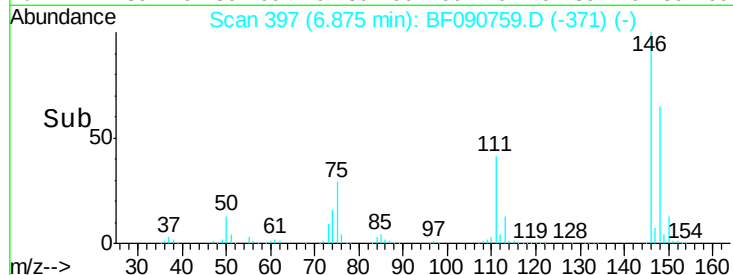
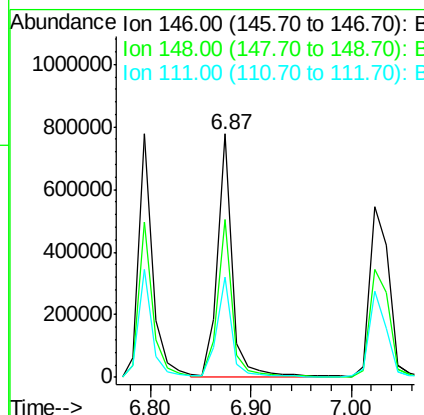
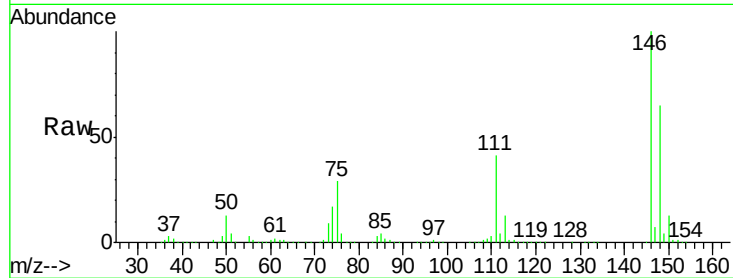
#13
1,4-Dichlorobenzene
Concen: 38.43 ng
RT: 6.87 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.6
111	41.4	24.9	37.3

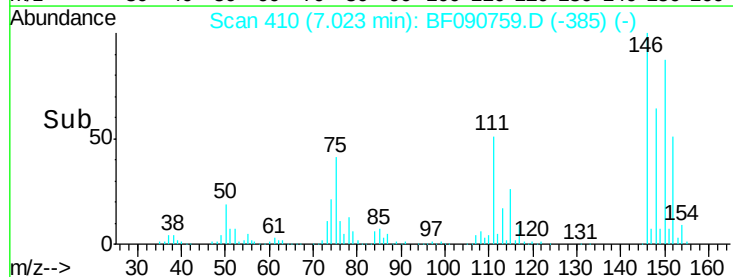
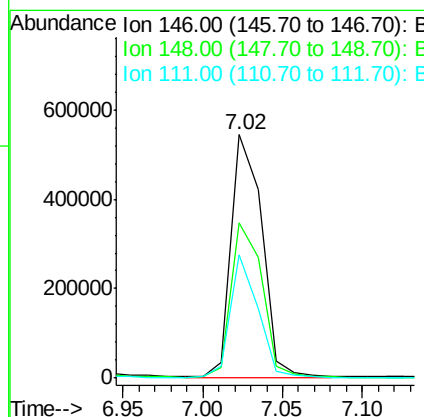
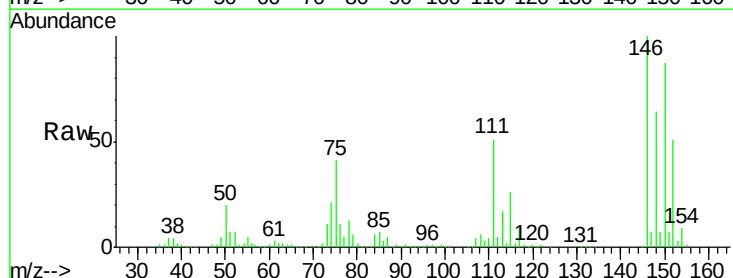
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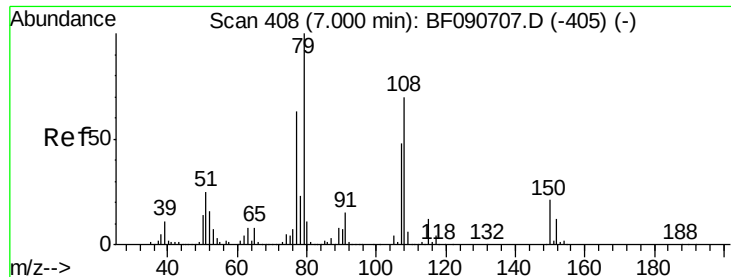
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#14
1,2-Dichlorobenzene
Concen: 35.69 ng m
RT: 7.02 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.7	79.1
111	50.5	28.8	43.2





#15

Benzyl Alcohol

Concen: 23.04 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion: 79 Resp: 347174

Ion Ratio Lower Upper

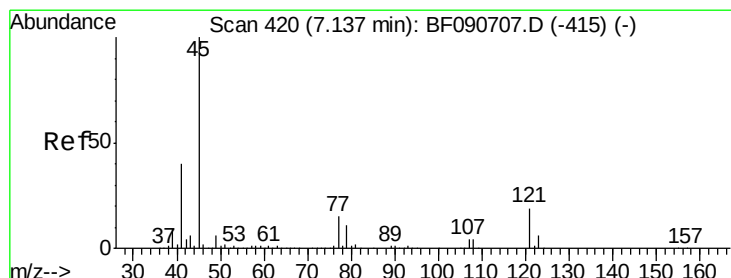
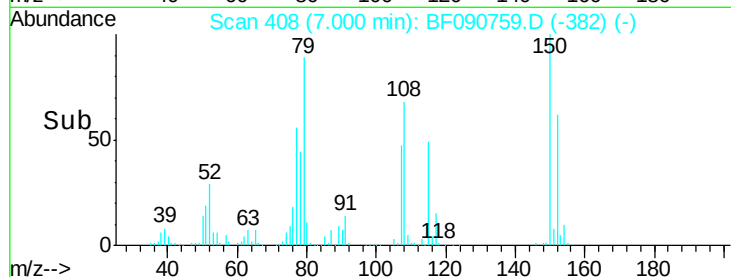
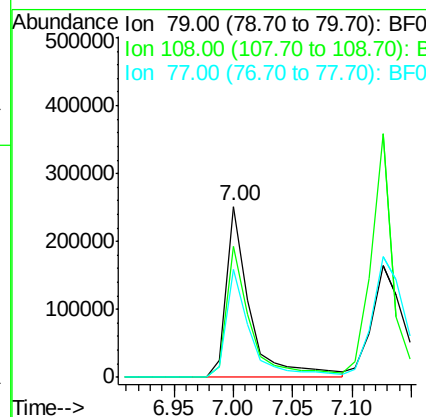
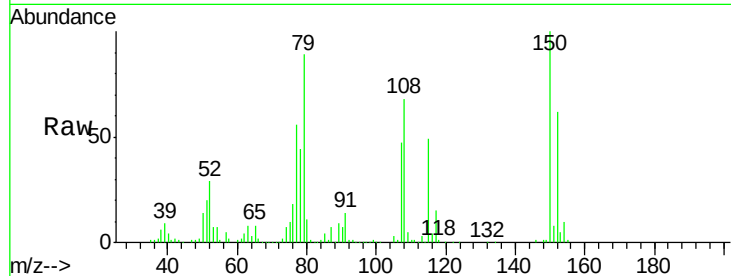
79 100

108 76.5 88.6 132.8#

77 63.1 47.0 70.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.81 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

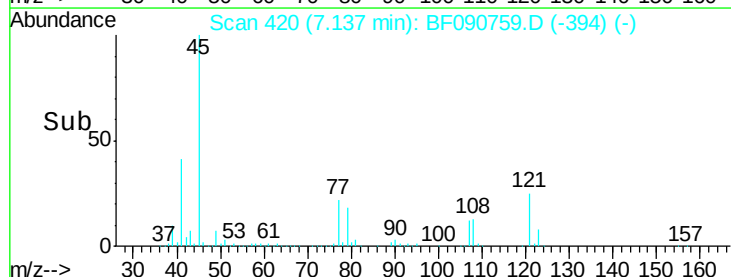
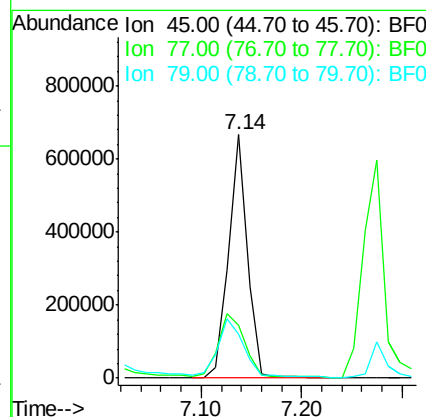
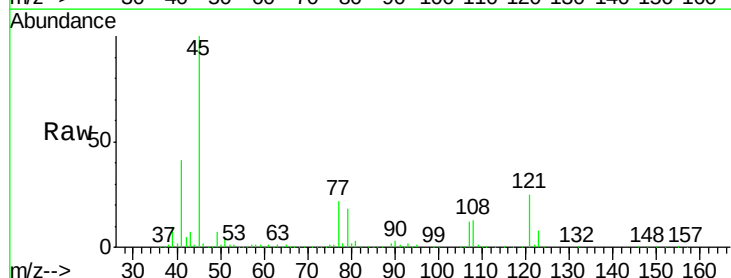
Tgt Ion: 45 Resp: 872643

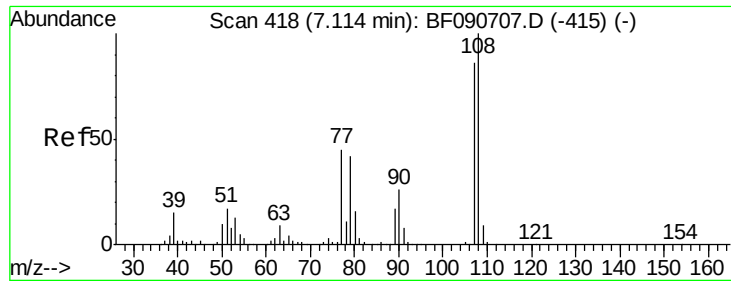
Ion Ratio Lower Upper

45 100

77 21.7 0.0 28.1

79 18.1 0.0 26.0





#17

2-Methylphenol

Concen: 27.22 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:107 Resp: 403179
Ion Ratio Lower Upper

107 100

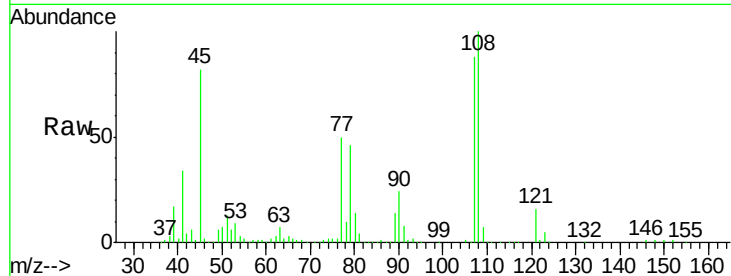
108 114.0 96.6 145.0

77 56.5 23.3 34.9#

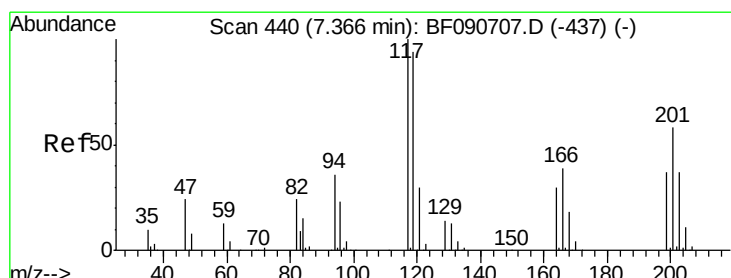
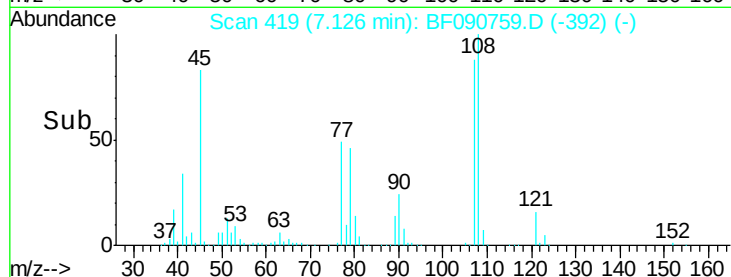
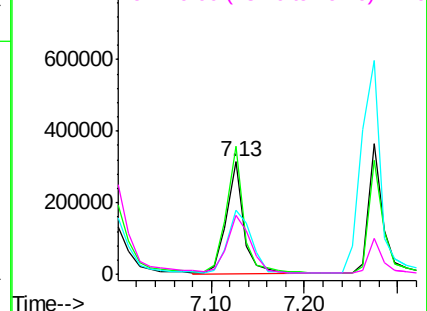
79 52.1 22.0 33.0#

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



#18

Hexachloroethane

Concen: 32.77 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

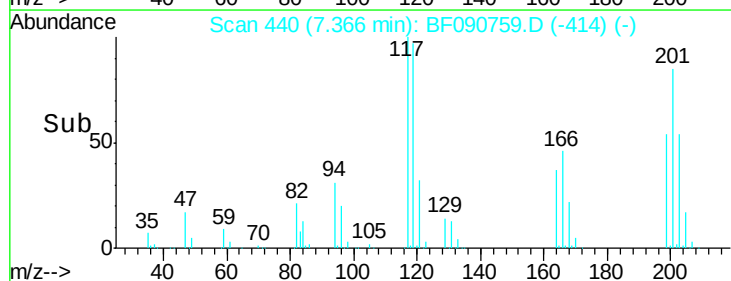
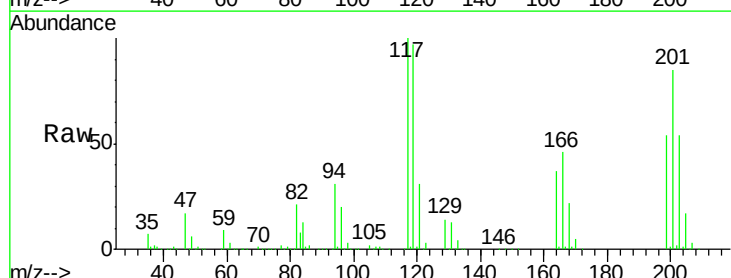
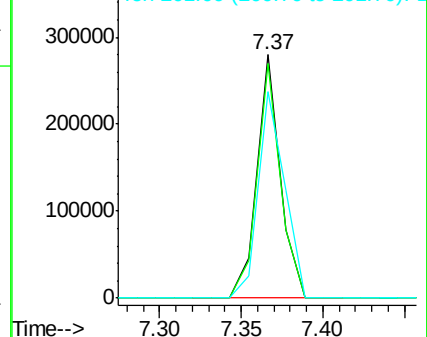
Tgt Ion:117 Resp: 278605
Ion Ratio Lower Upper

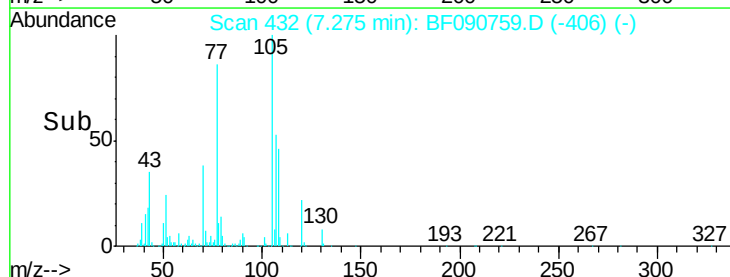
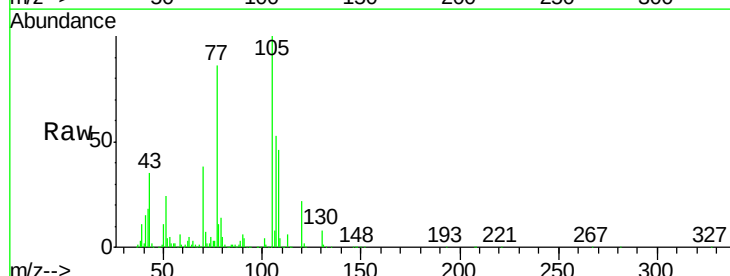
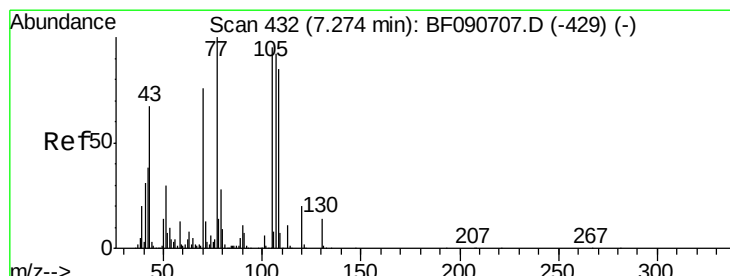
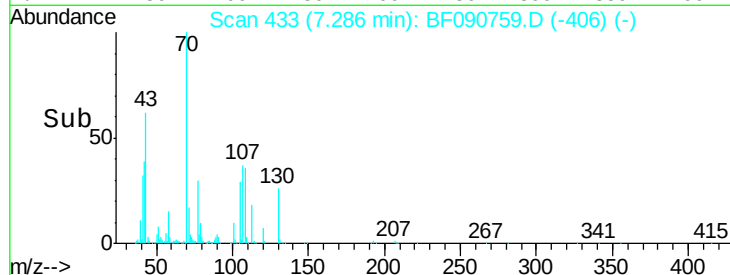
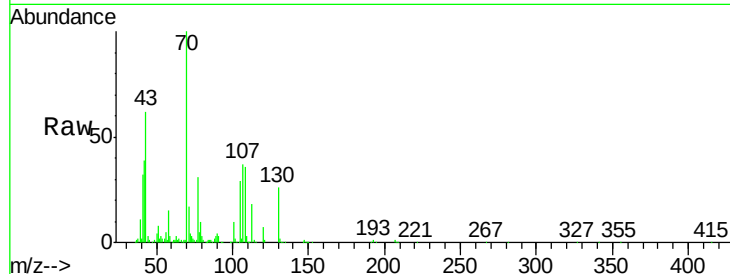
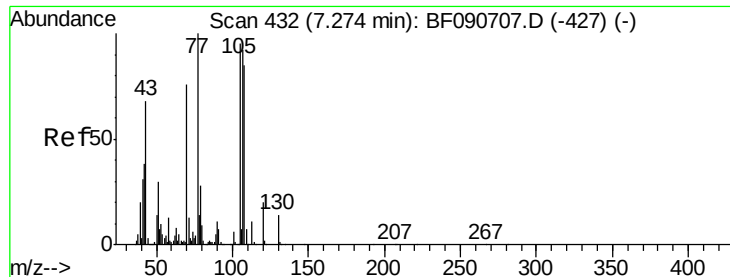
117 100

119 96.6 83.8 125.6

201 85.0 55.1 82.7#

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





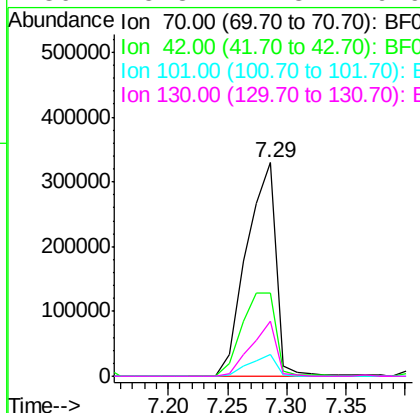
#19
n-Nitroso-di-n-propylamine
Concen: 34.82 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.0	63.8	95.6#
101	10.2	9.2	13.8
130	25.8	27.3	40.9#

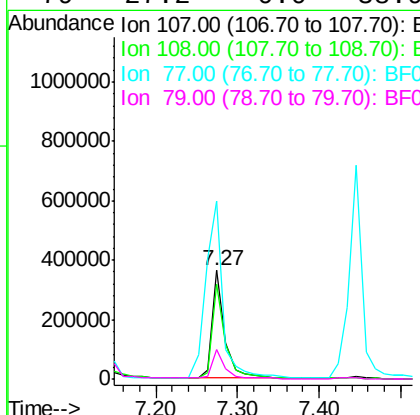
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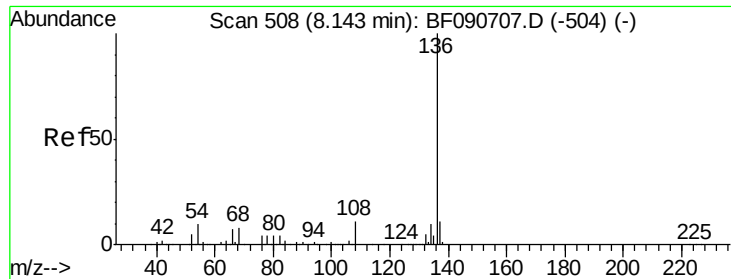
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#20
3+4-Methylphenols
Concen: 22.53 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	74.6	114.6
77	163.1	0.7	40.7#
79	27.2	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:136 Resp: 1066586

Ion Ratio Lower Upper

136 100

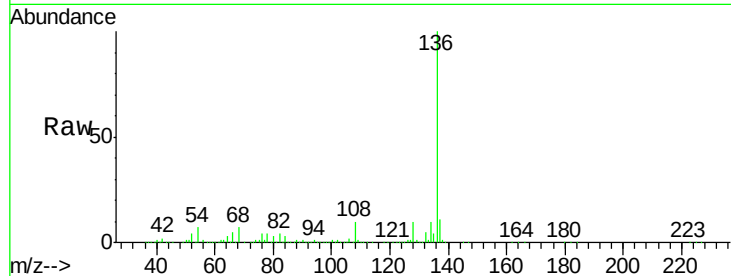
137 11.4 9.0 13.6

54 7.4 8.2 12.2#

68 7.1 5.8 8.6

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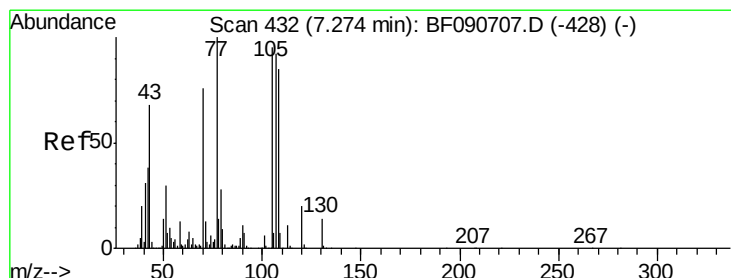
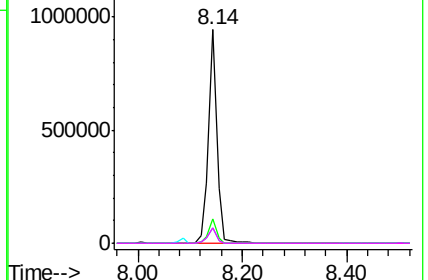
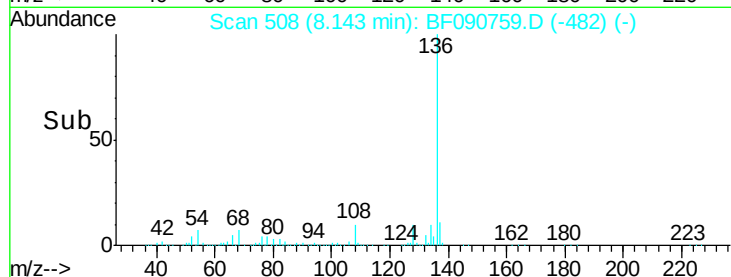


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.94 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:105 Resp: 1044499

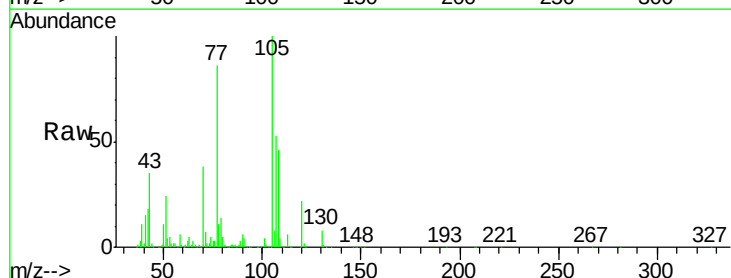
Ion Ratio Lower Upper

105 100

71 6.6 4.7 7.1

51 24.5 22.0 33.0

120 22.4 30.1 45.1#

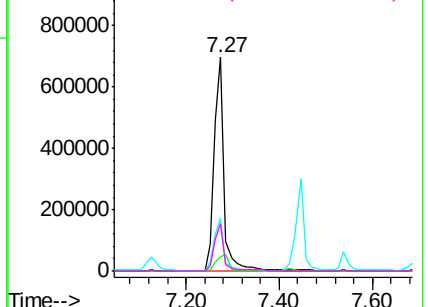
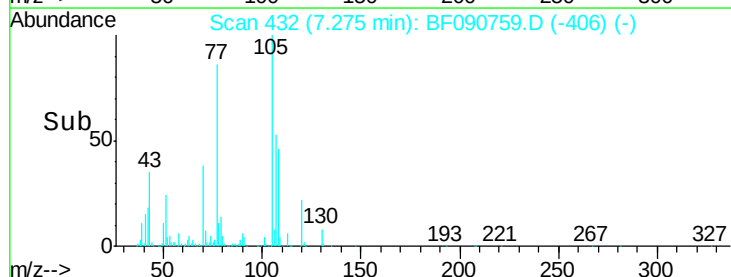


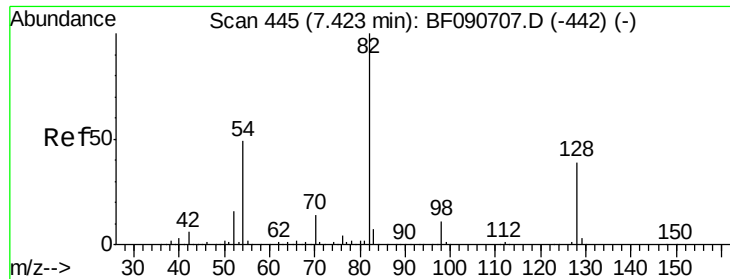
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





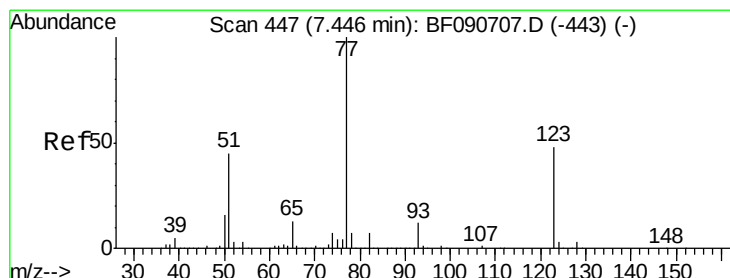
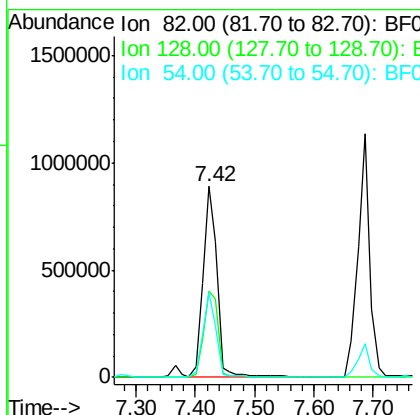
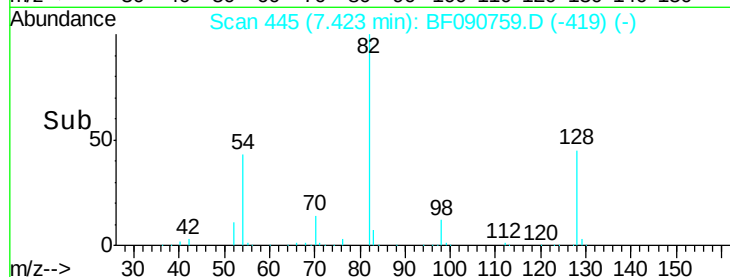
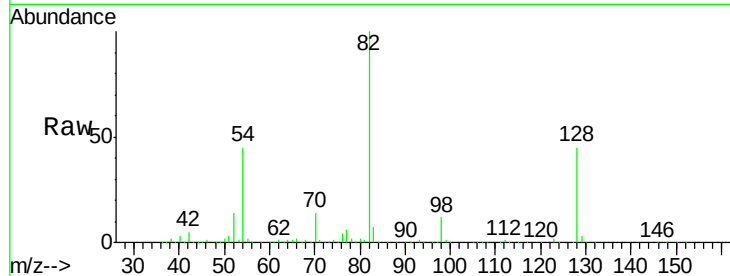
#23
 Nitrobenzene-d5
 Concen: 76.63 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion: 82 Resp: 1490252
 Ion Ratio Lower Upper
 82 100
 128 45.2 51.0 76.6#
 54 44.6 47.5 71.3#

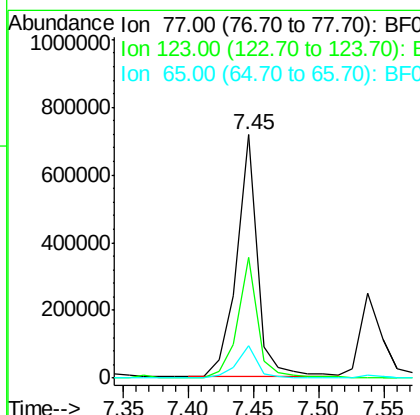
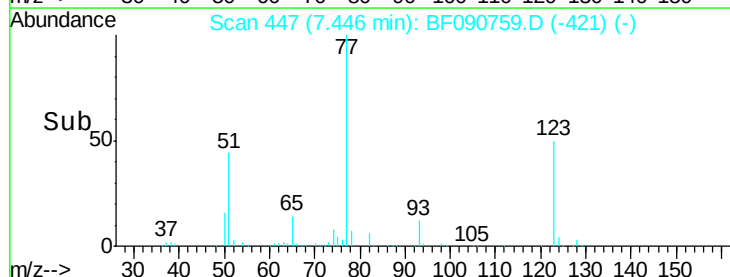
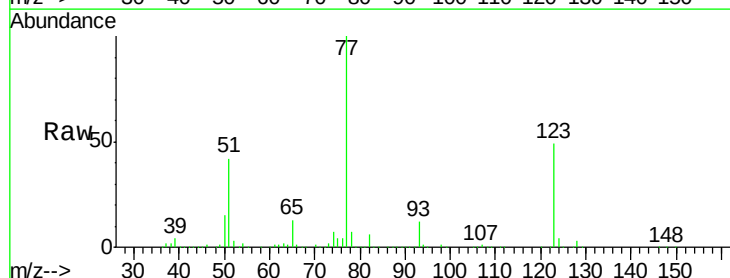
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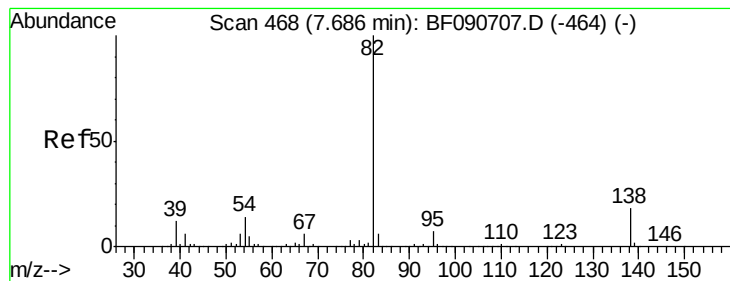
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#24
 Nitrobenzene
 Concen: 37.66 ng
 RT: 7.45 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion: 77 Resp: 793966
 Ion Ratio Lower Upper
 77 100
 123 49.5 59.8 89.8#
 65 13.2 10.2 15.4





#25

Isophorone

Concen: 42.27 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion: 82 Resp: 1555903

Ion Ratio Lower Upper

82 100

95 6.6 4.0 6.0#

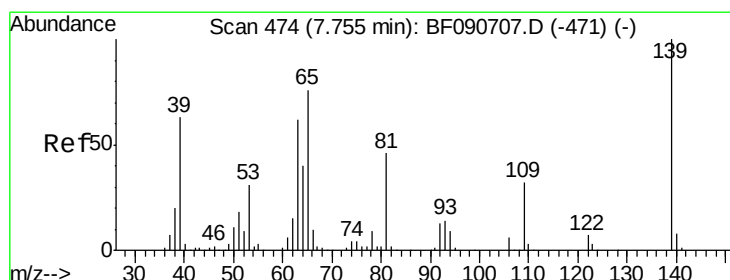
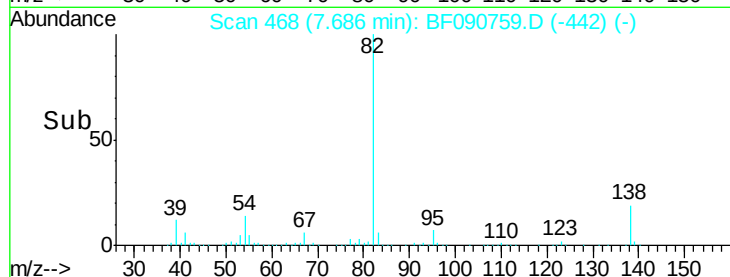
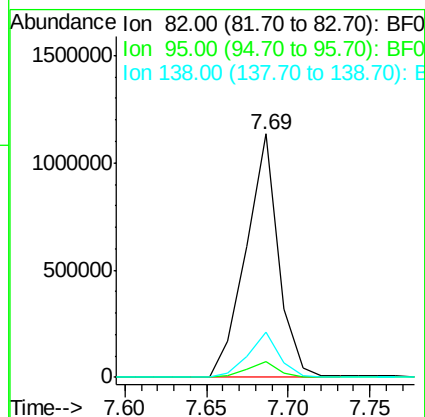
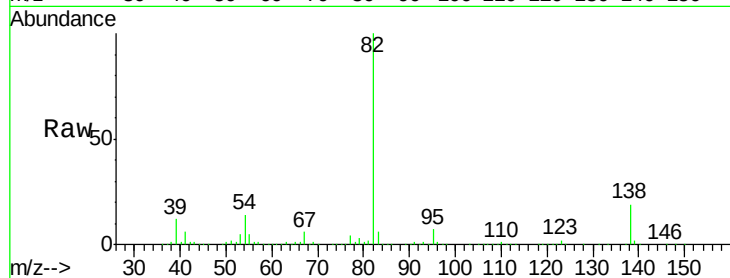
138 18.7 18.3 27.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.77 ng

RT: 7.77 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

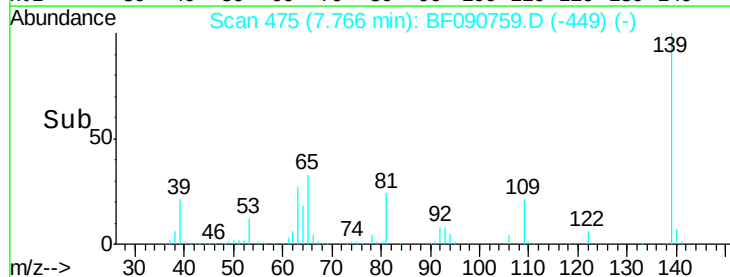
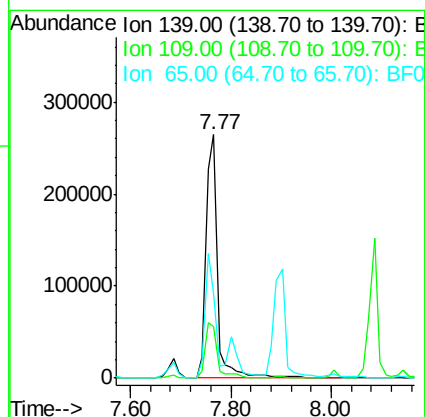
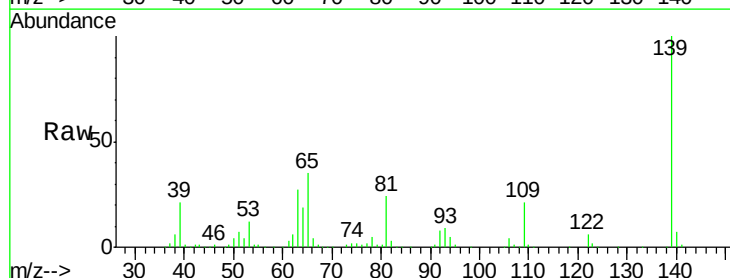
Tgt Ion: 139 Resp: 420014

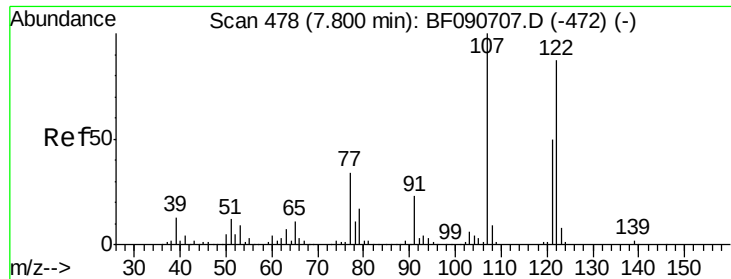
Ion Ratio Lower Upper

139 100

109 21.3 11.0 16.4#

65 34.8 24.7 37.1





#27

2,4-Dimethylphenol

Concen: 39.55 ng

RT: 7.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

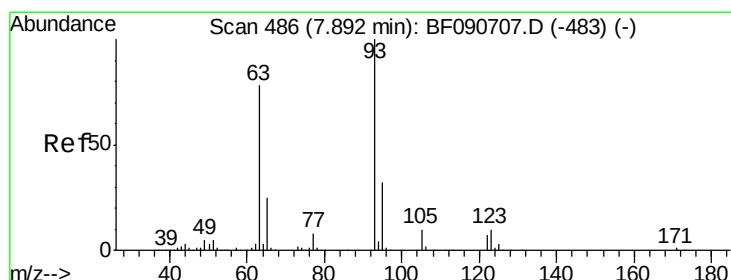
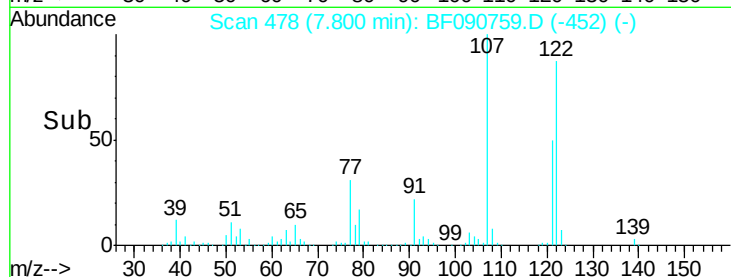
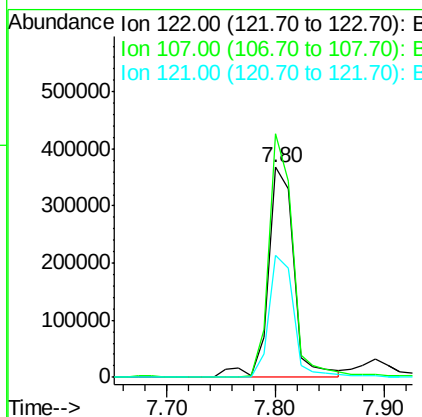
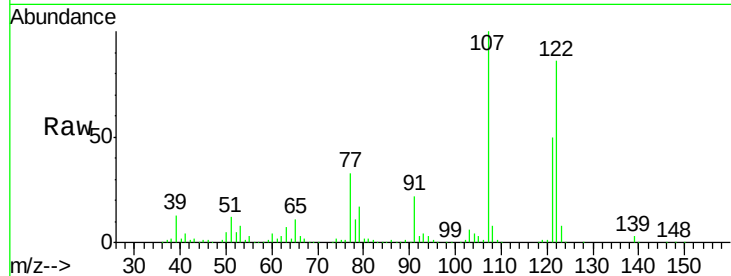
ClientSampleId :

MW-01S-101916MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	71.8	107.6#
121	58.3	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 48.52 ng

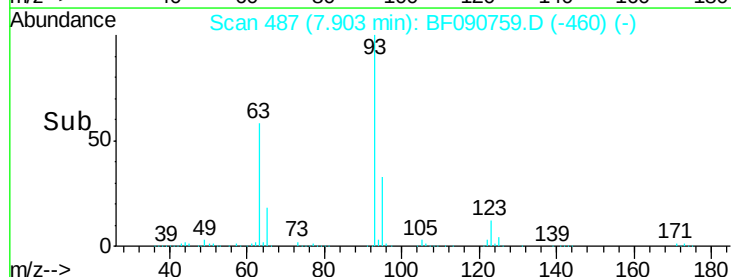
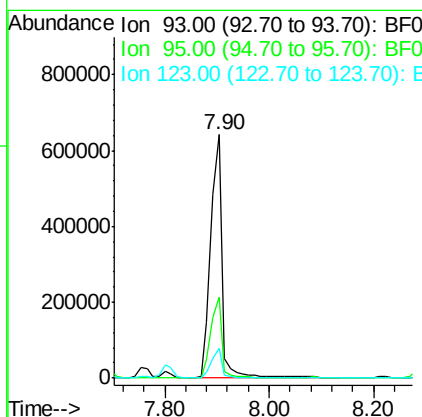
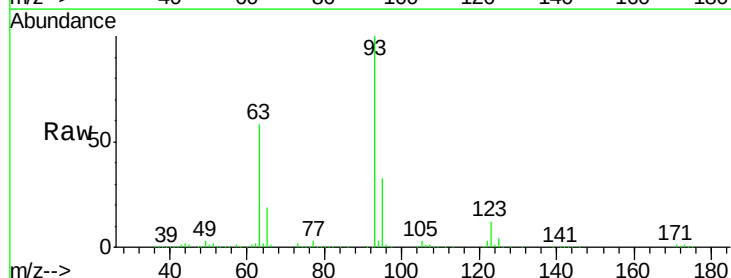
RT: 7.90 min Scan# 487

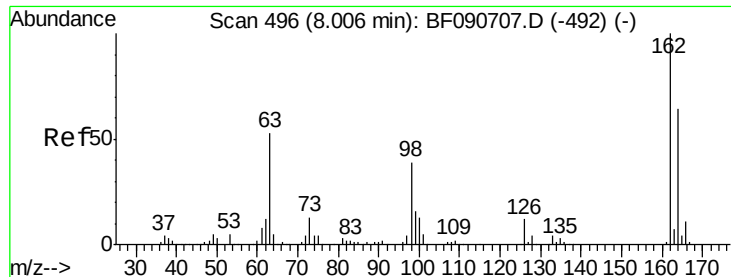
Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	27.5	41.3
123	12.4	13.7	20.5#





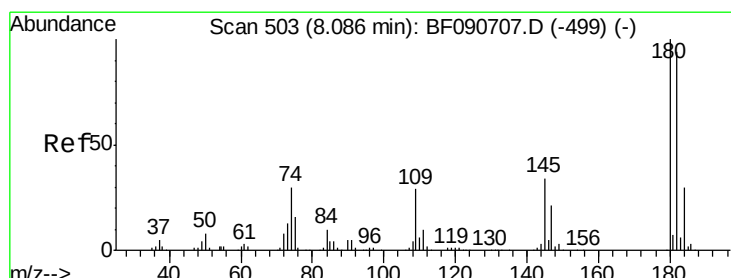
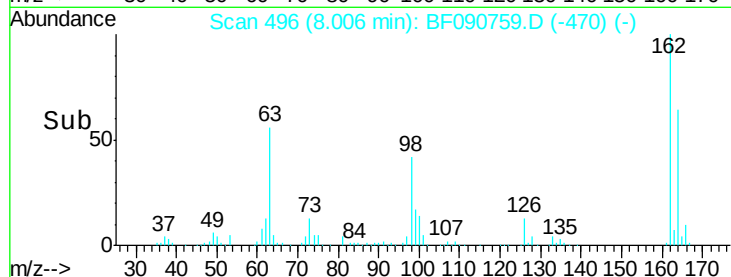
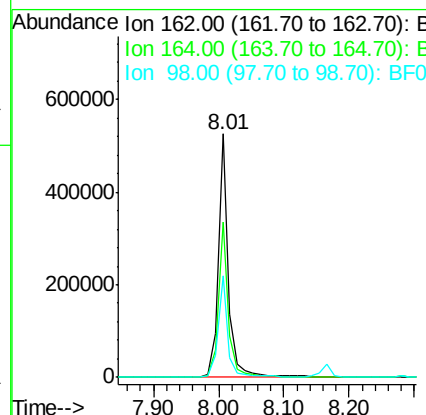
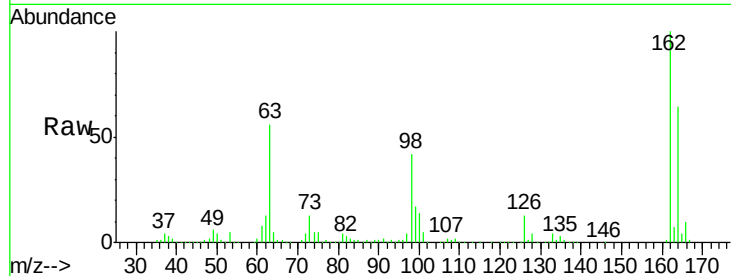
#29
 2,4-Dichlorophenol
 Concen: 46.45 ng
 RT: 8.01 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion:	162	Resp:	582106
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.9	84.9
98	41.8	13.0	53.0

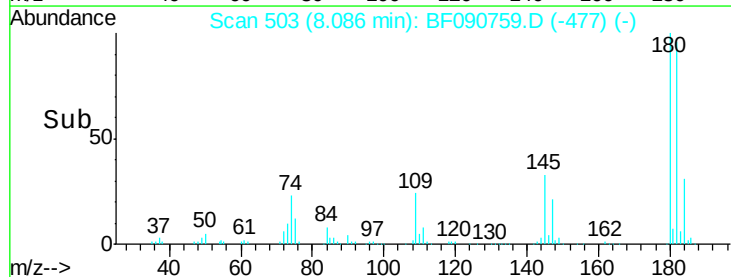
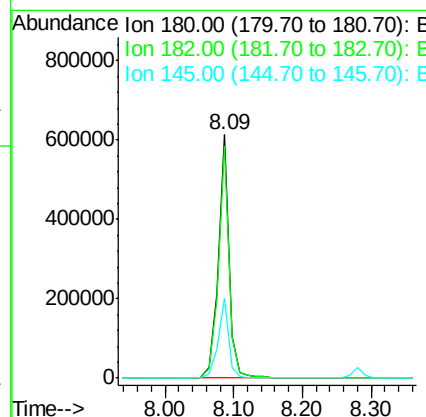
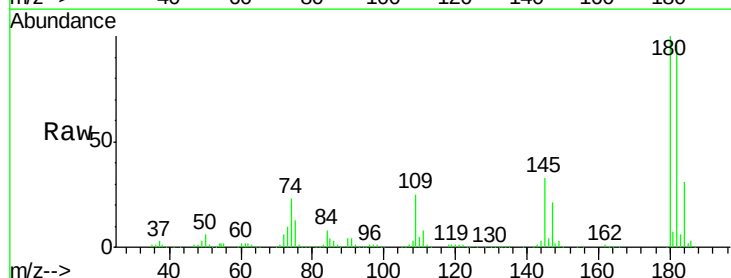
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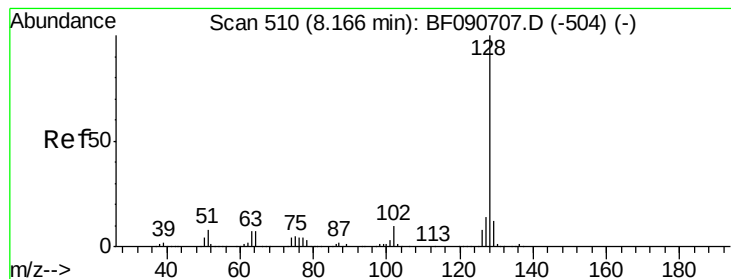
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.25 ng
 RT: 8.09 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:	180	Resp:	682169
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.1	115.7
145	32.5	23.3	34.9





#31

Naphthalene

Concen: 41.42 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:128 Resp: 2161274

Ion Ratio Lower Upper

128 100

129 11.8 8.4 12.6

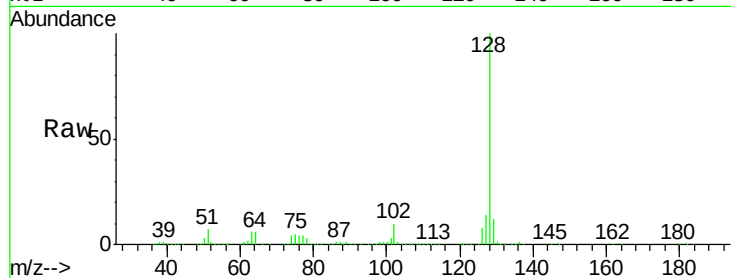
127 13.9 9.9 14.9

Manual Integrations

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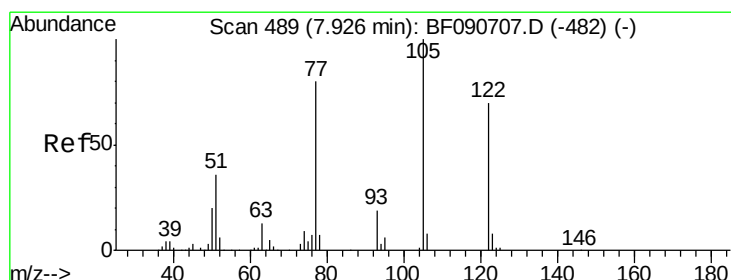
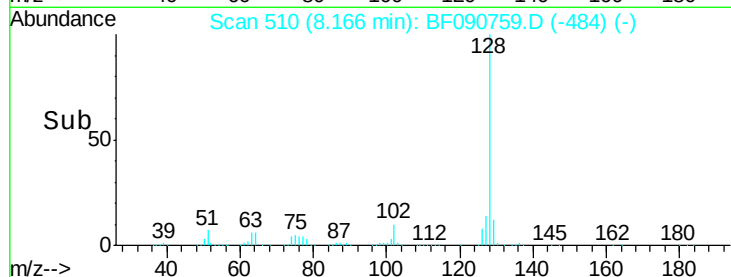
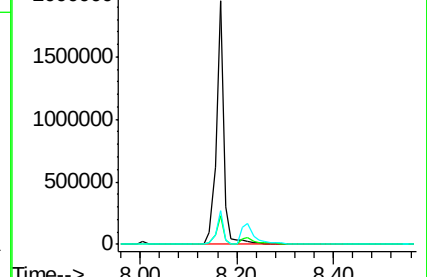
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.99 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.05 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

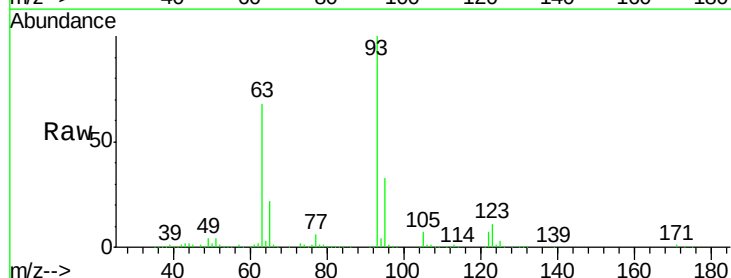
Tgt Ion:122 Resp: 82323

Ion Ratio Lower Upper

122 100

105 109.9 76.1 116.1

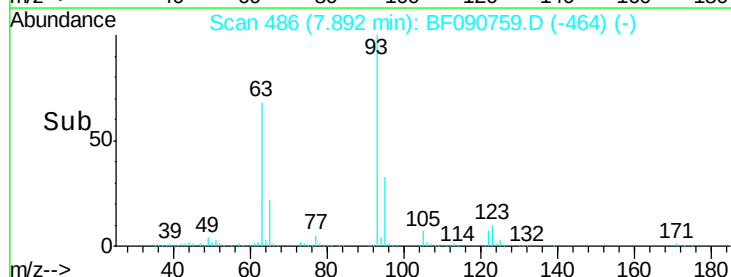
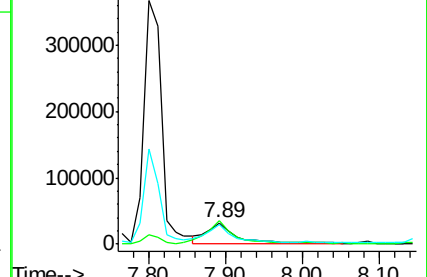
77 90.1 40.5 80.5#

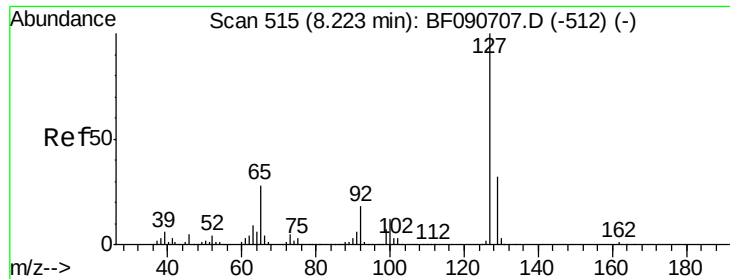


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





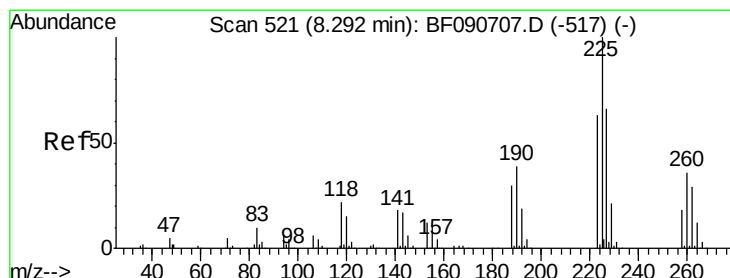
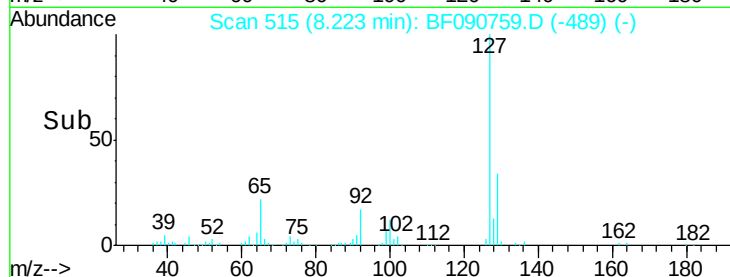
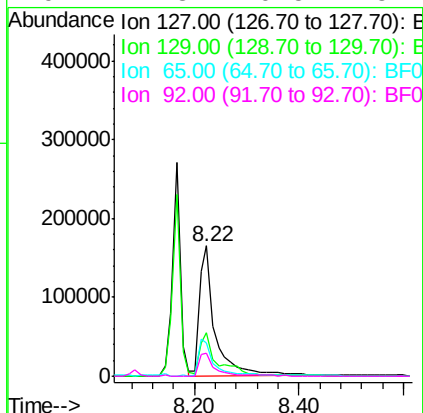
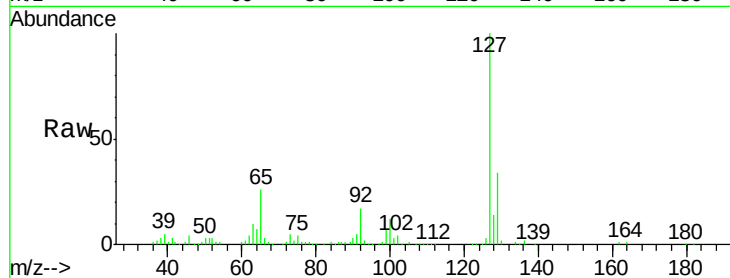
#33
 4-Chloroaniline
 Concen: 17.62 ng
 RT: 8.22 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.5	25.8	38.6		
65	25.8	17.9	26.9		
92	17.3	10.5	15.7		

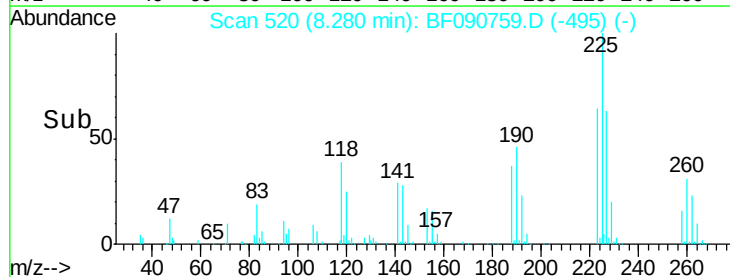
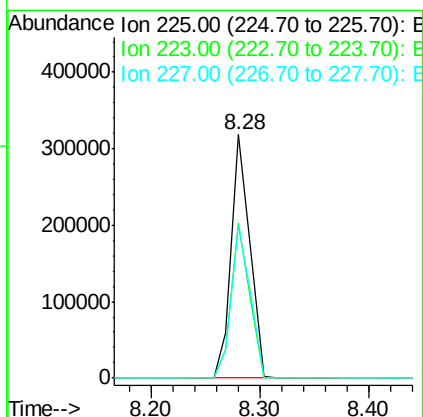
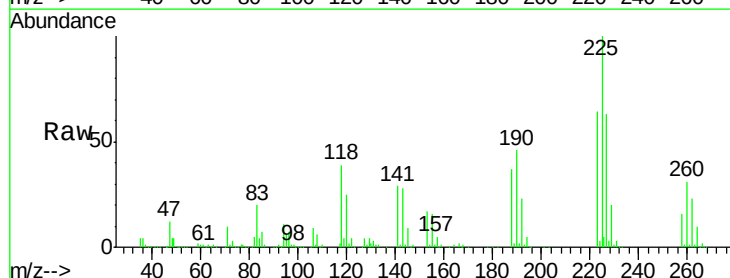
Manual Integrations
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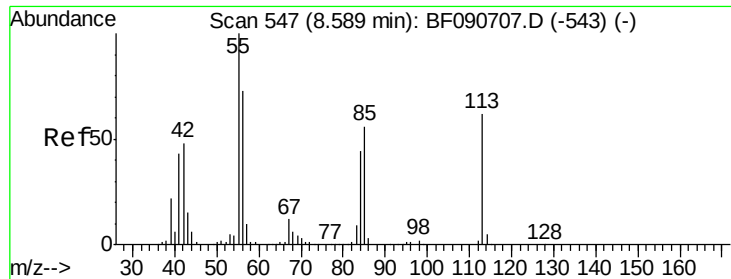
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#34
 Hexachlorobutadiene
 Concen: 44.92 ng
 RT: 8.28 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.2	75.2		
227	63.0	52.2	78.2		





#35

Caprolactam

Concen: 6.90 ng

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

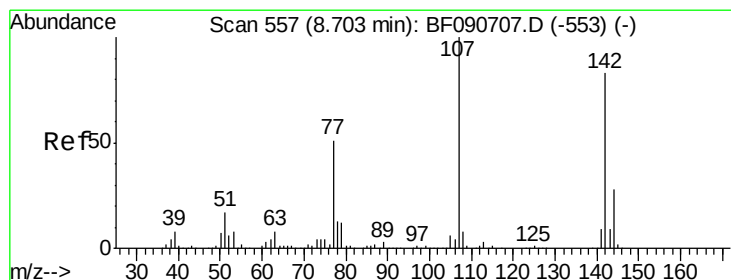
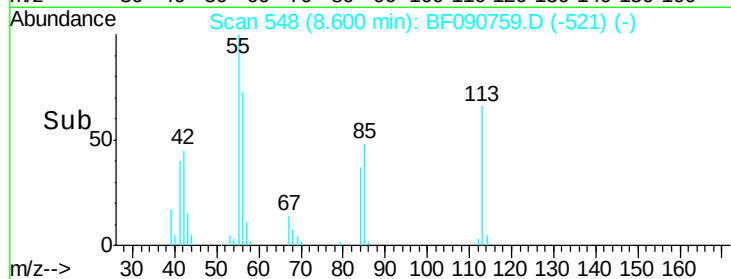
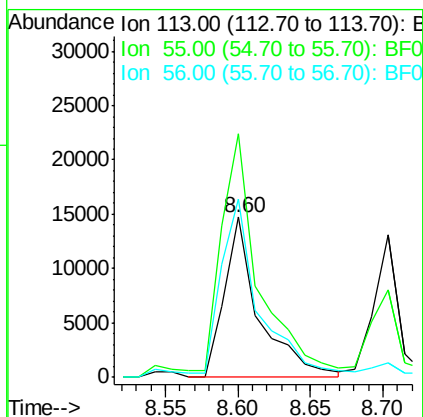
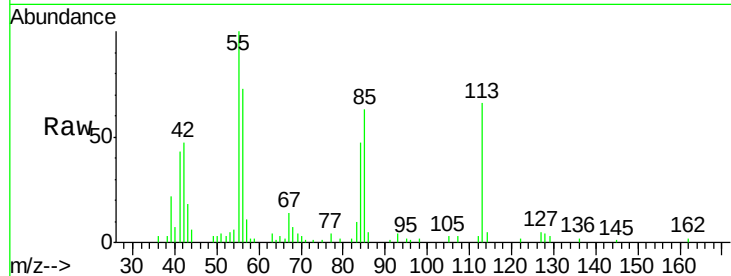
ClientSampleId :

MW-01S-101916MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	151.9		152.4	192.4#	
56	111.5		104.6	144.6	

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#36

4-Chloro-3-methylphenol

Concen: 38.24 ng

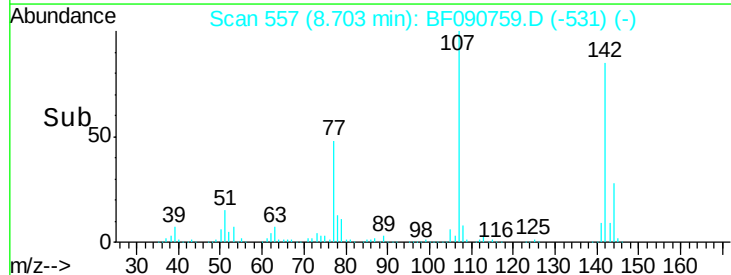
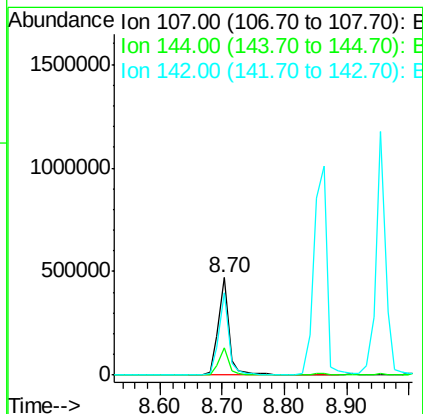
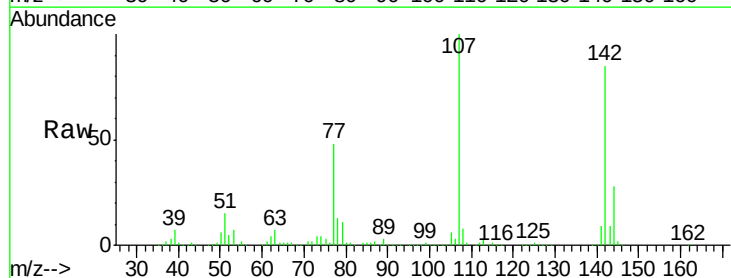
RT: 8.70 min Scan# 557

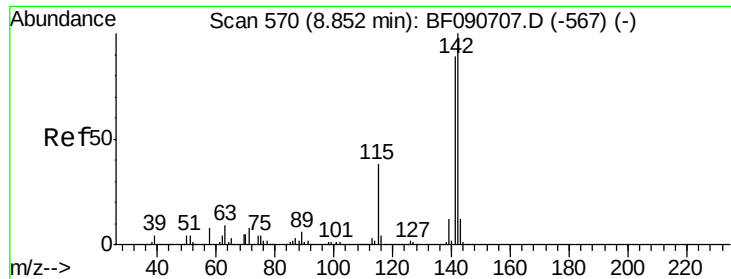
Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.9		25.4	38.0	
142	84.8		77.3	115.9	





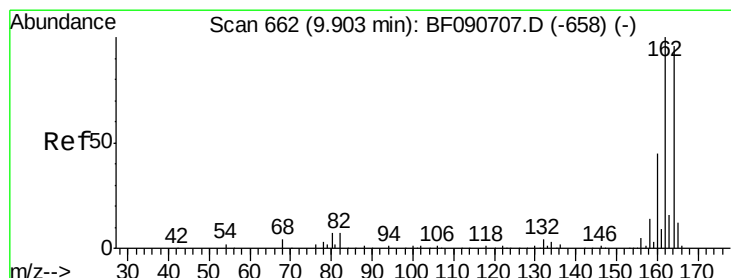
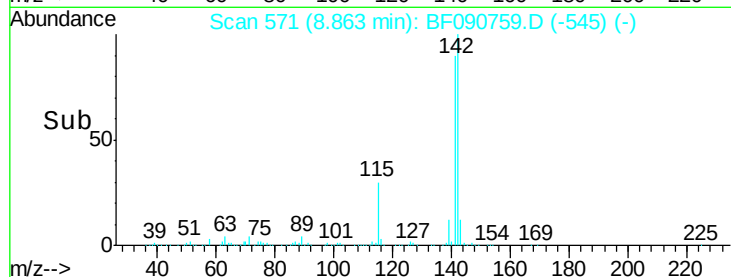
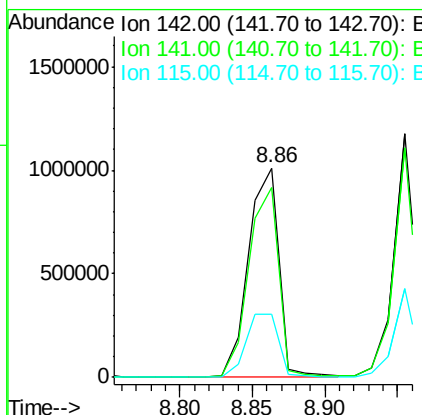
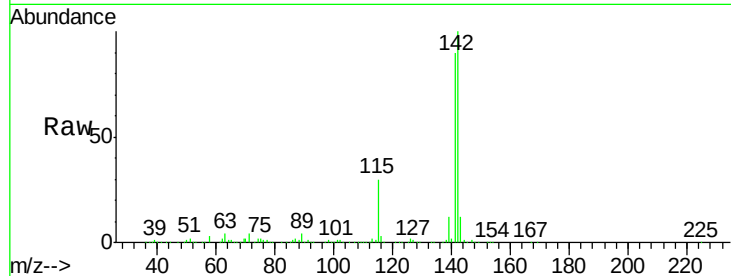
#37
2-Methylnaphthalene
Concen: 48.00 ng
RT: 8.86 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion:142 Resp: 1463516
Ion Ratio Lower Upper
142 100
141 90.4 67.5 101.3
115 30.0 18.2 27.2#

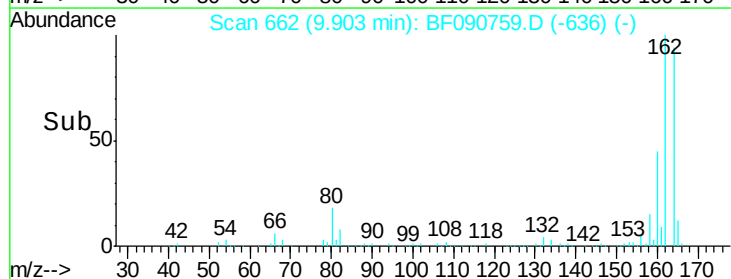
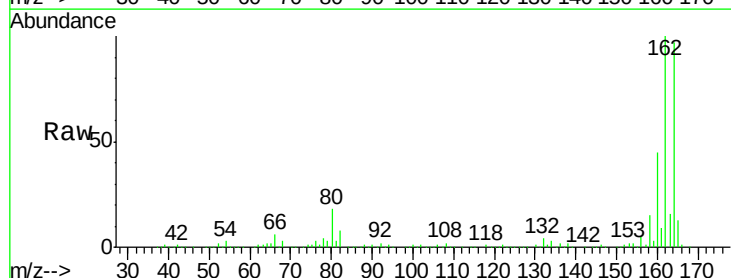
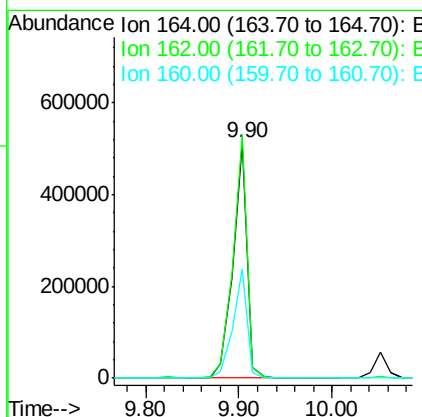
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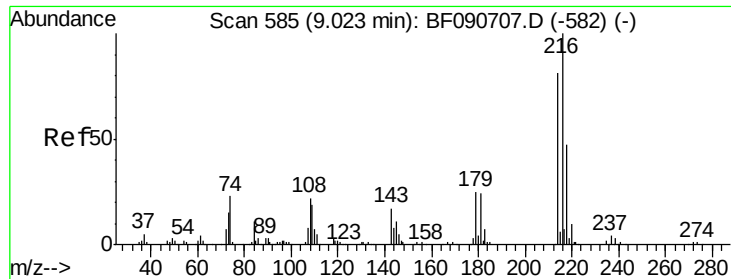
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:164 Resp: 548687
Ion Ratio Lower Upper
164 100
162 103.6 75.2 112.8
160 46.3 31.5 47.3





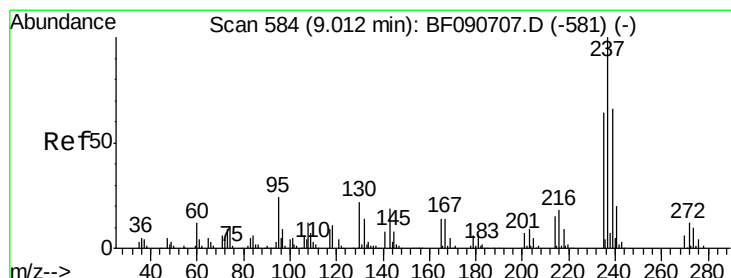
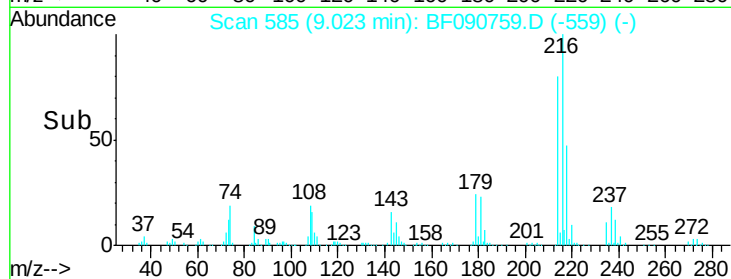
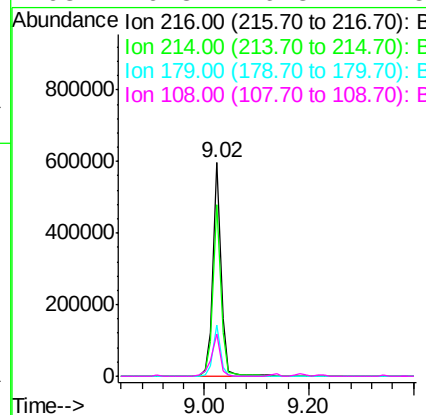
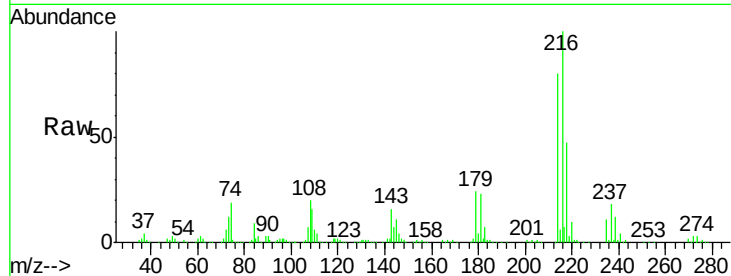
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.70 ng
 RT: 9.02 min Scan# 585
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion:	216	Resp:	647482
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.5	95.3
179	22.3	16.6	24.8
108	20.3	16.3	24.5

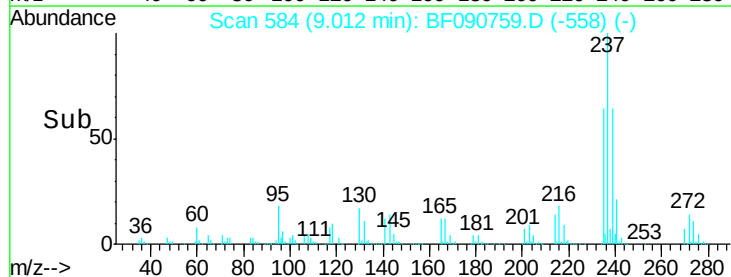
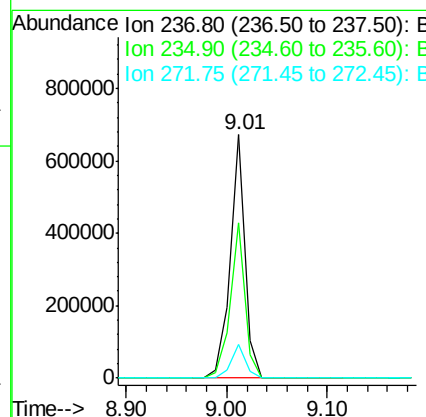
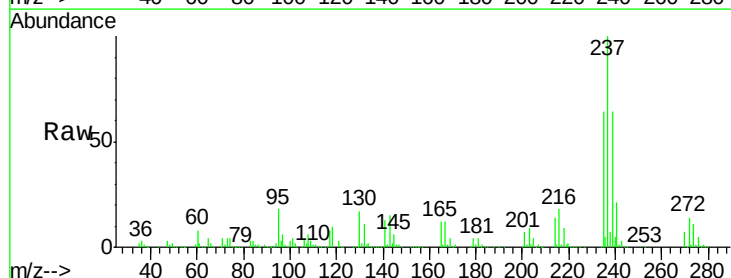
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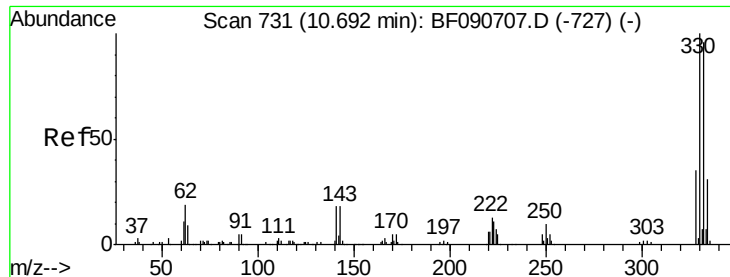
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#40
 Hexachlorocyclopentadiene
 Concen: 98.70 ng
 RT: 9.01 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:	237	Resp:	686529
Ion Ratio		Lower	Upper
237	100		
235	63.9	42.0	82.0
272	13.9	0.0	36.1





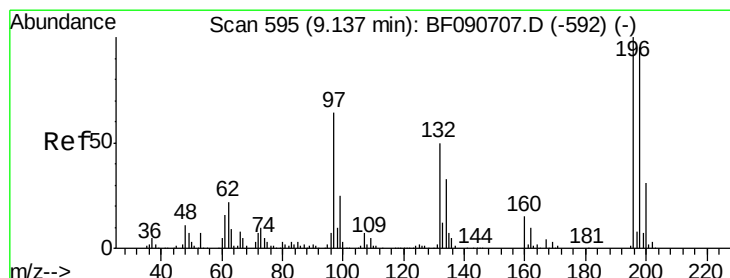
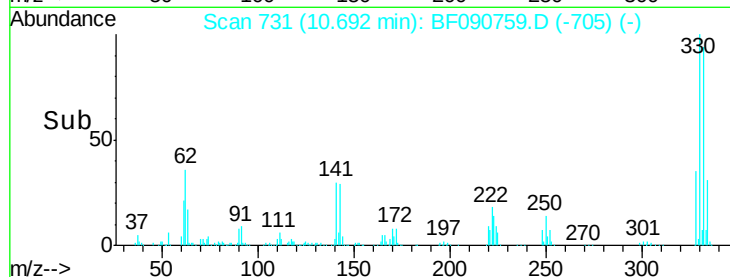
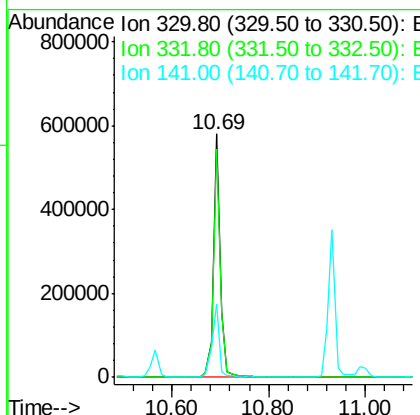
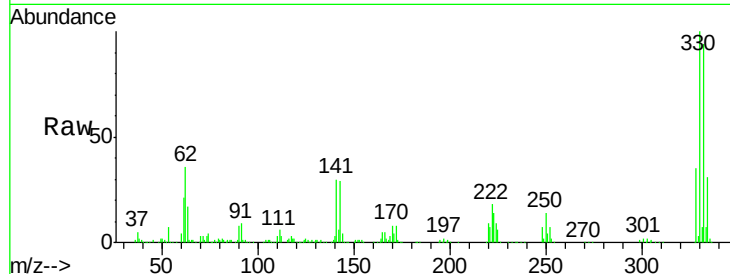
#41
 2,4,6-Tribromophenol
 Concen: 139.07 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Instrument :
 BNA_F
 ClientSampled :
 MW-01S-101916MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	603939		
332	95.0		76.6	114.8
141	31.2		29.7	44.5

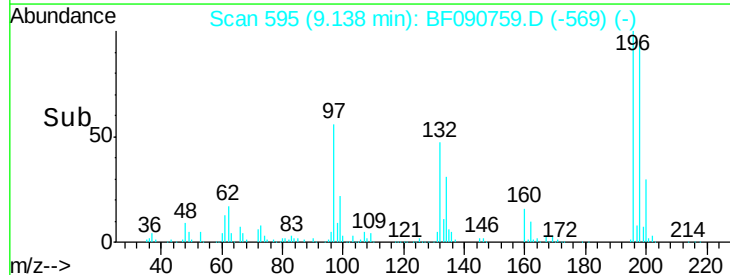
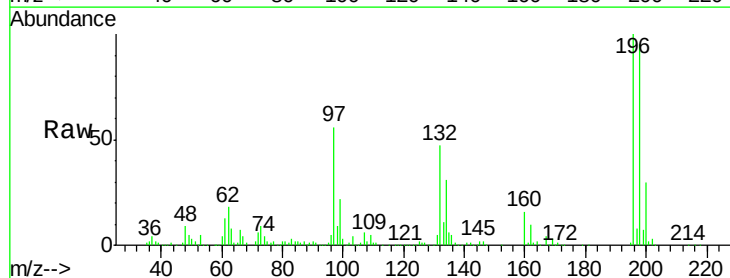
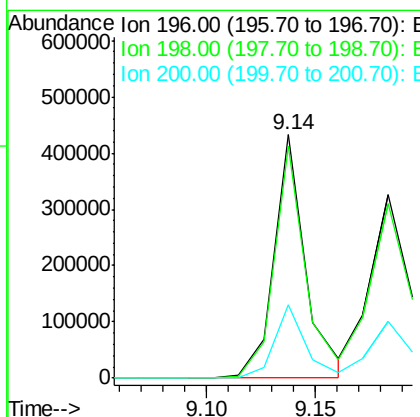
Manual Integrations
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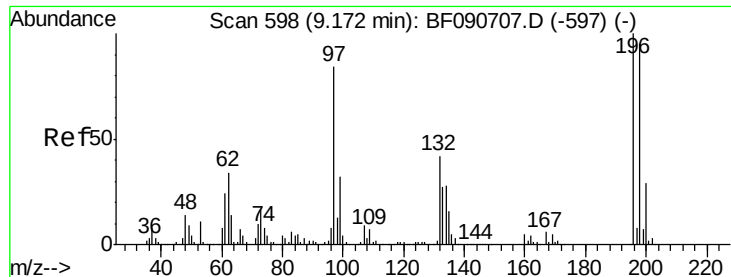
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#42
 2,4,6-Trichlorophenol
 Concen: 47.72 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	438470		
198	95.3		75.7	113.5
200	30.2		23.9	35.9





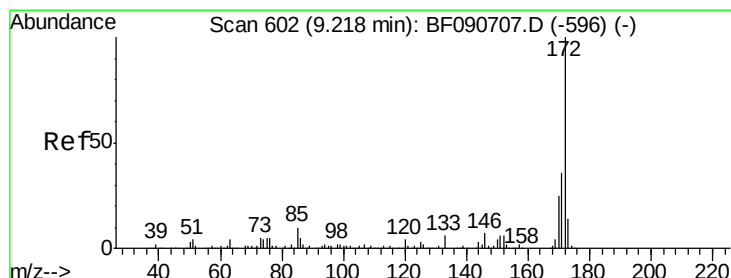
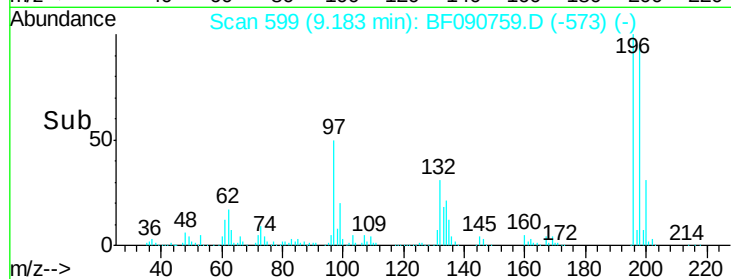
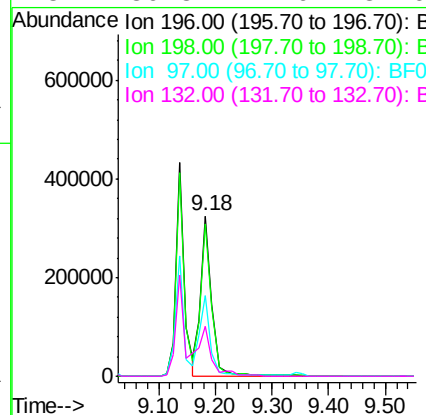
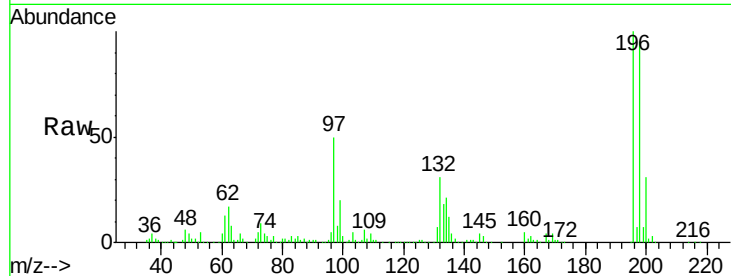
#43
 2,4,5-Trichlorophenol
 Concen: 47.19 ng
 RT: 9.18 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion:	196	Resp:	440020
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.4	113.0
97	50.4	33.3	49.9
132	30.8	24.6	37.0

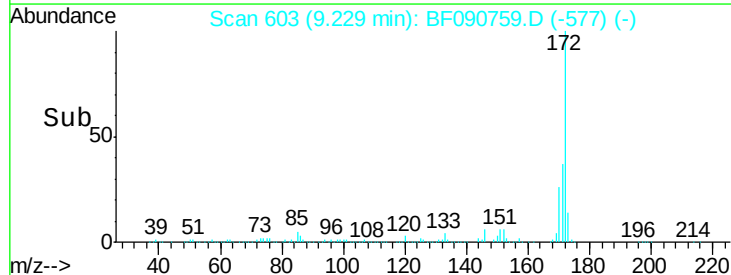
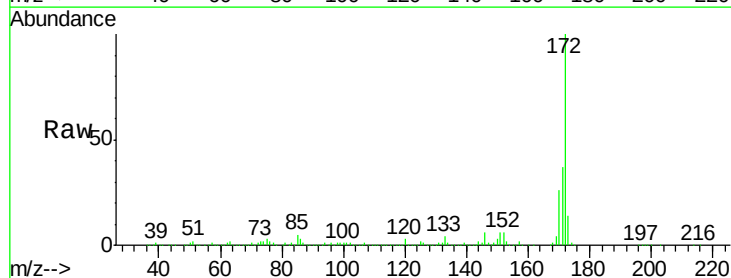
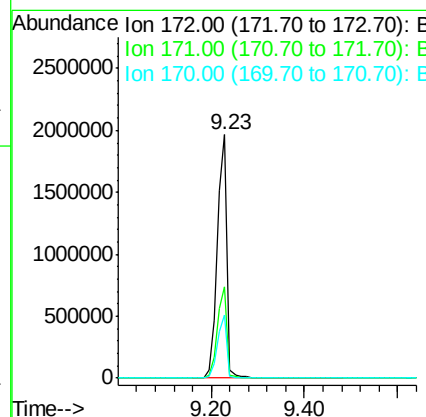
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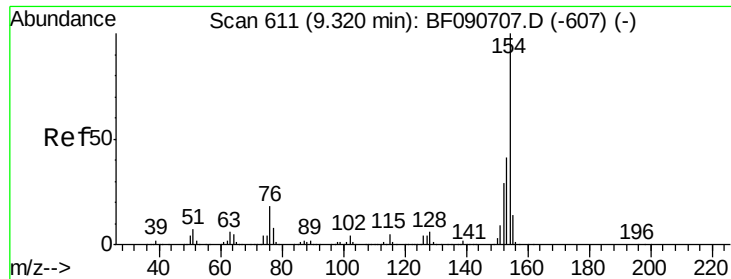
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#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.23 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:	172	Resp:	2867832
Ion Ratio	Lower	Upper	
172	100		
171	37.4	26.1	39.1
170	25.7	17.4	26.2





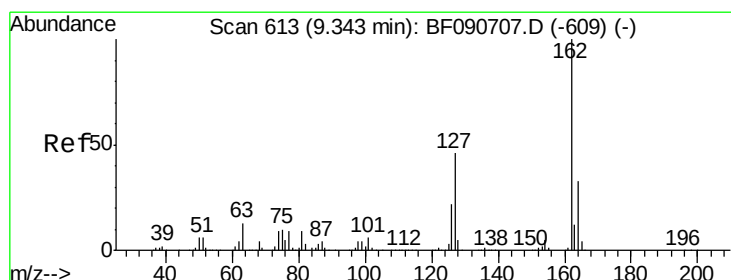
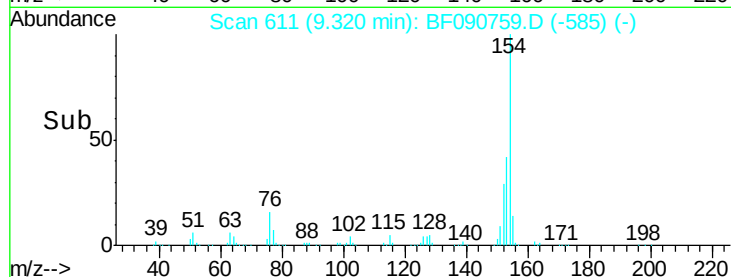
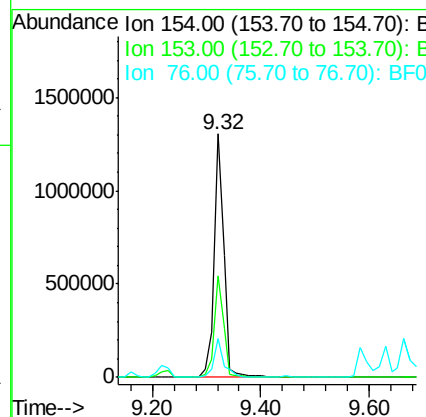
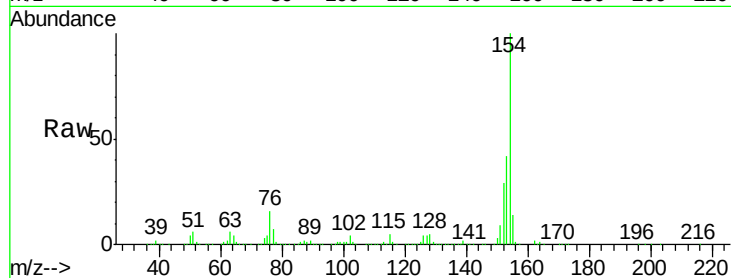
#45
 1,1'-Biphenyl
 Concen: 38.12 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	17.1	57.1
76	15.8	0.0	31.6

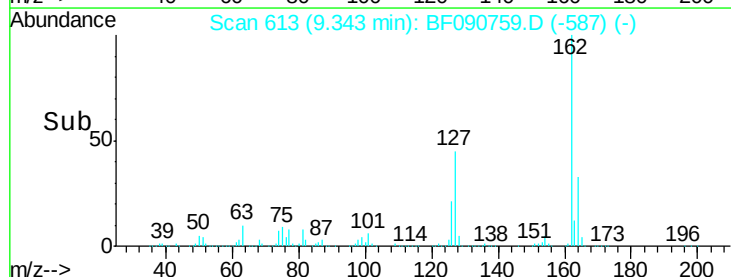
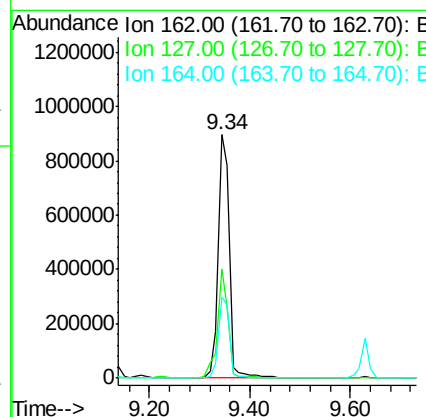
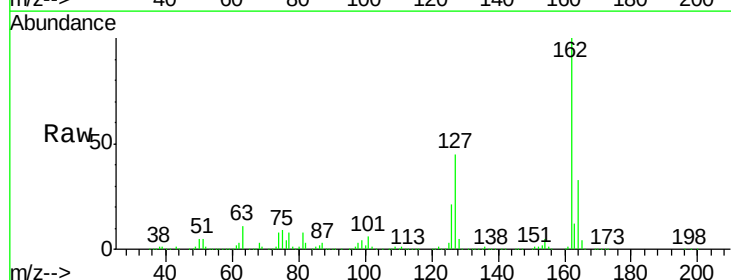
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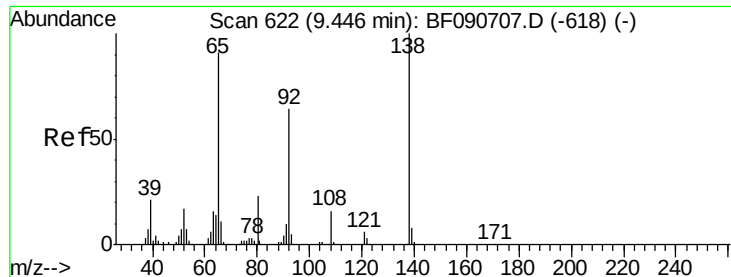
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#46
 2-Chloronaphthalene
 Concen: 43.18 ng
 RT: 9.34 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.6	27.6	41.4#
164	33.0	25.4	38.2





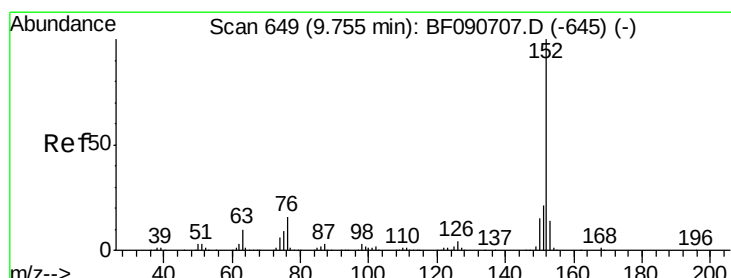
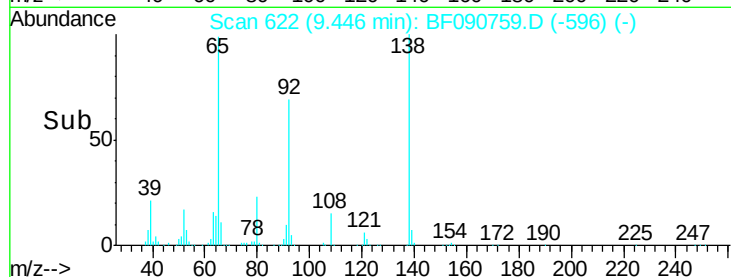
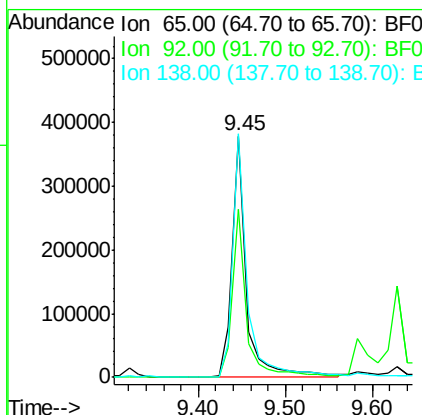
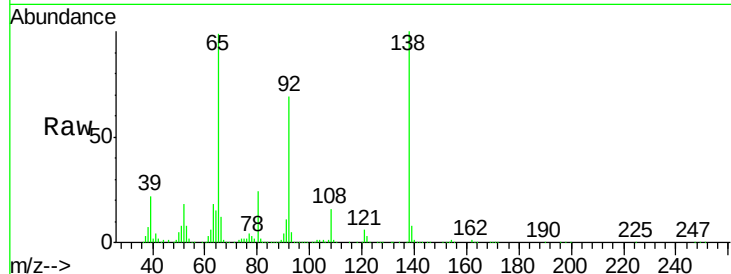
#47
2-Nitroaniline
Concen: 40.74 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.9	55.4	83.0
138	100.8	115.5	173.3#

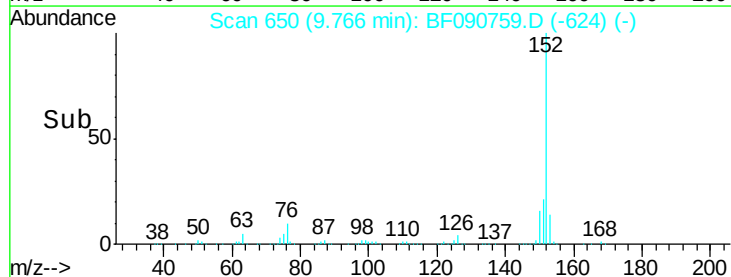
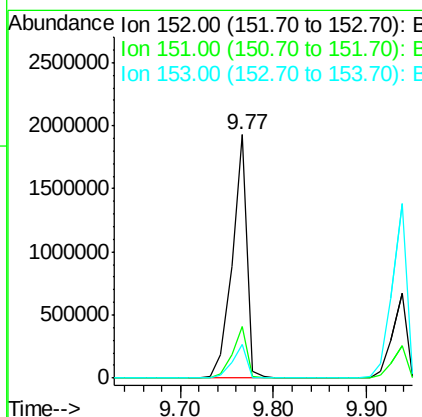
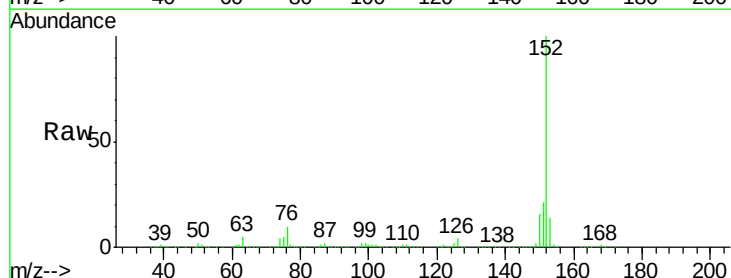
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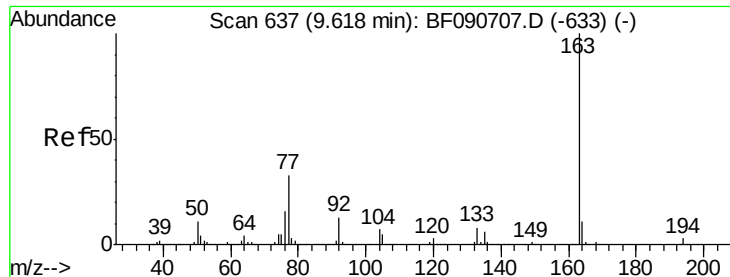
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#48
Acenaphthylene
Concen: 43.50 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	14.6	22.0
153	14.0	10.3	15.5





#49

Dimethylphthalate

Concen: 44.85 ng

RT: 9.63 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

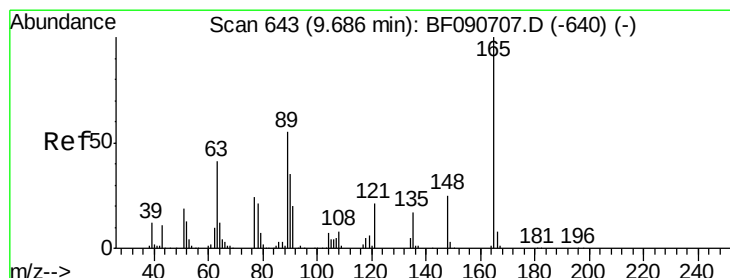
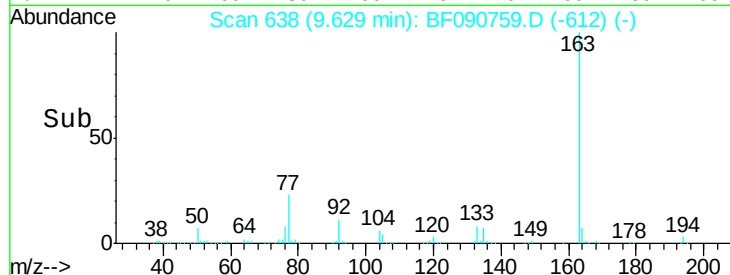
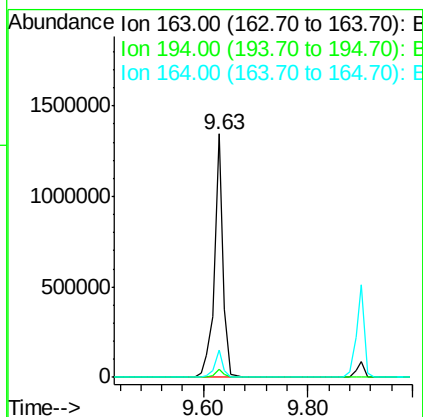
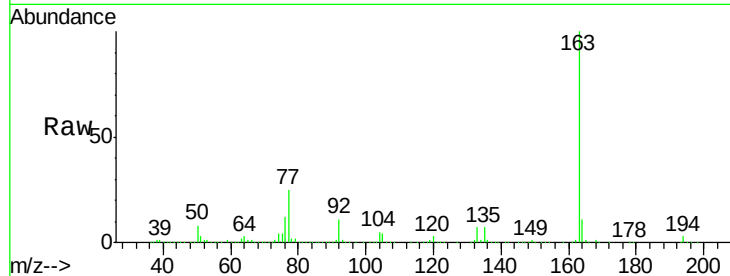
ClientSampleId :

MW-01S-101916MSD

Tot Ion:	163	Resp:	1546201
Ion Ratio	Lower	Upper	
163	100		
194	3.4	4.4	6.6#
164	11.0	8.3	12.5

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#50

2,6-Dinitrotoluene

Concen: 46.43 ng

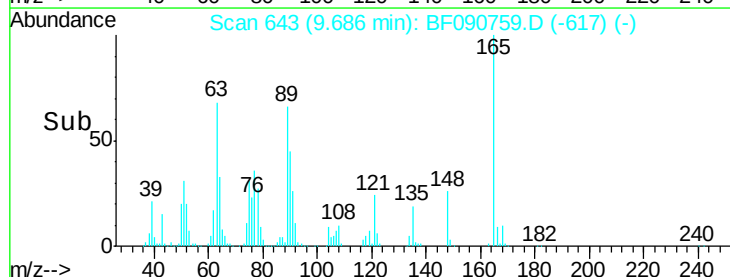
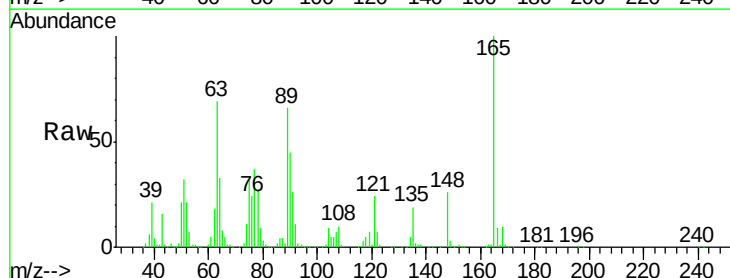
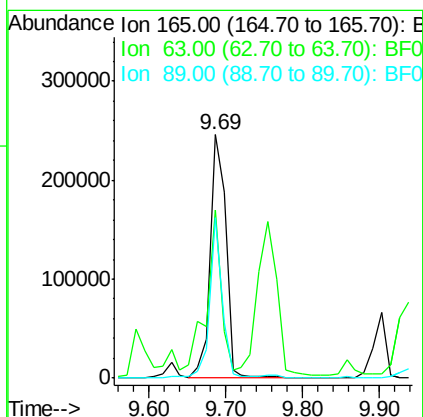
RT: 9.69 min Scan# 643

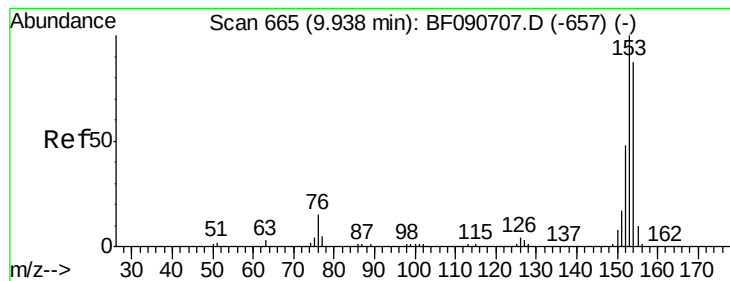
Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:	165	Resp:	344234
Ion Ratio	Lower	Upper	
165	100		
63	69.1	32.3	48.5#
89	65.7	28.6	43.0#





#51

Acenaphthene

Concen: 46.11 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:154 Resp: 1496050

Ion Ratio Lower Upper

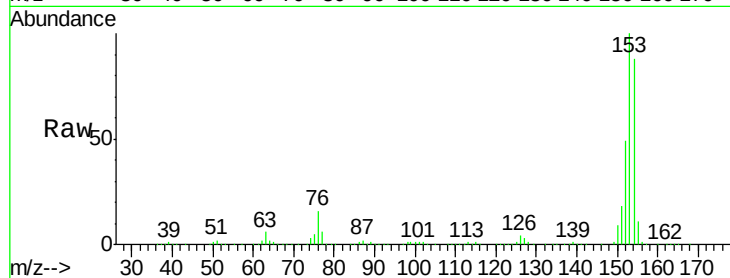
154 100

153 113.6 82.1 123.1

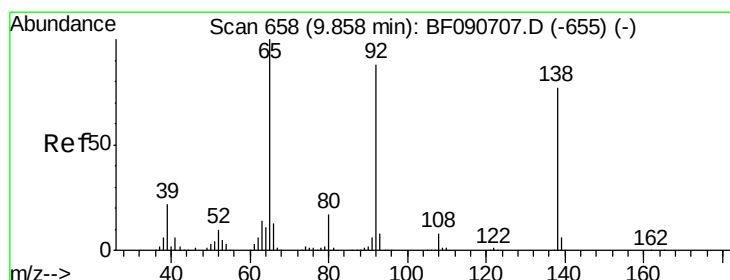
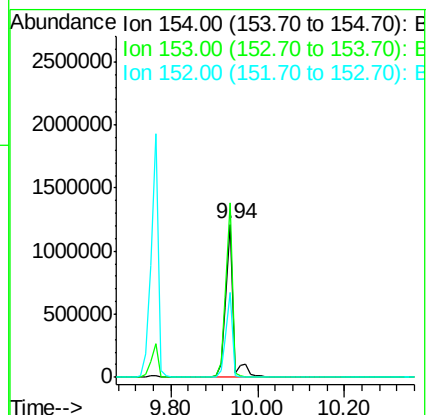
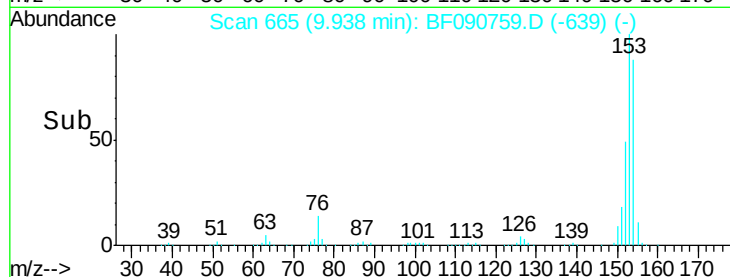
152 55.5 37.9 56.9

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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: 16.87 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

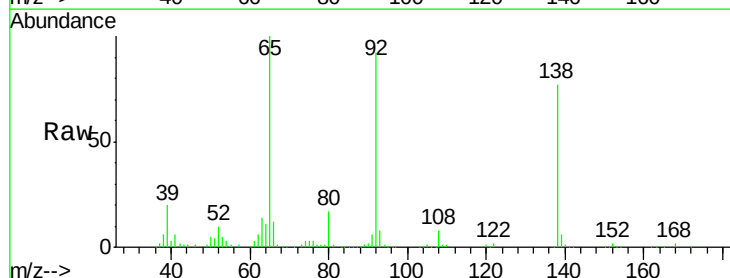
Tgt Ion:138 Resp: 143753

Ion Ratio Lower Upper

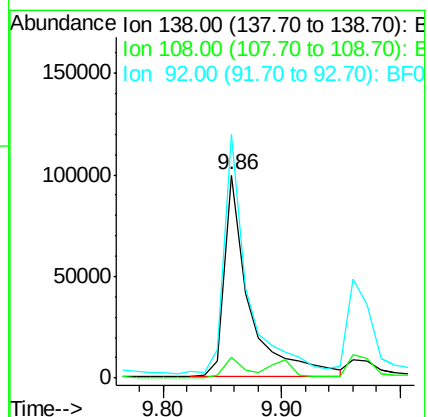
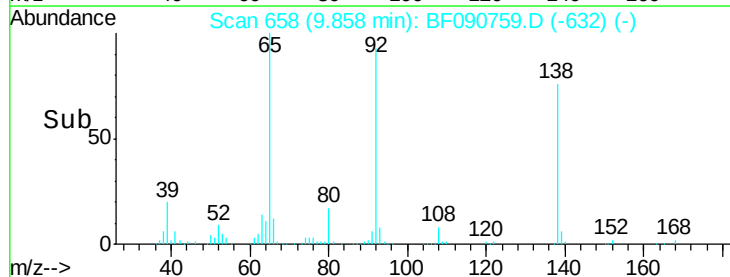
138 100

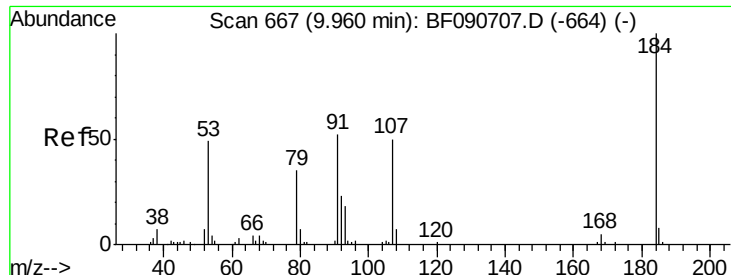
108 10.5 5.7 8.5#

92 120.1 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





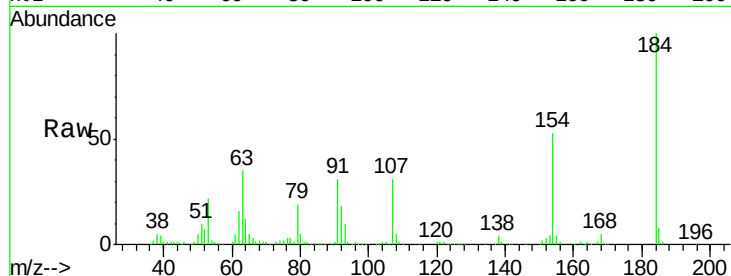
#53
2,4-Dinitrophenol
Concen: 65.82 ng/ml
RT: 9.97 min Scan# 668
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

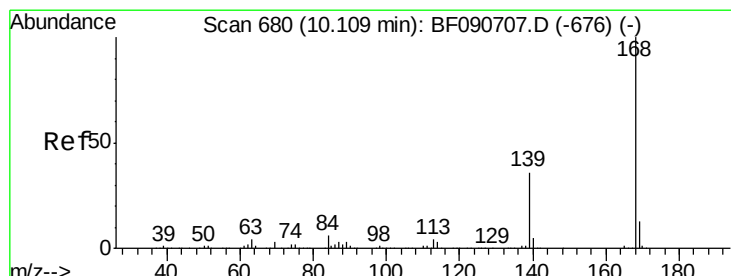
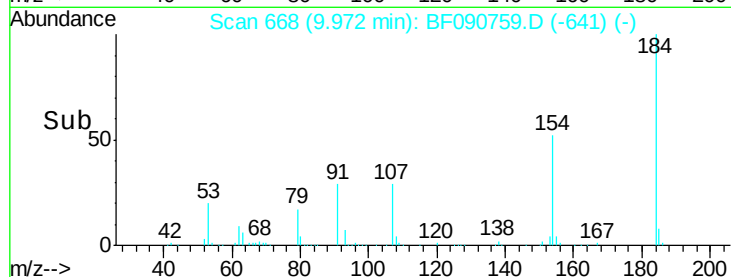
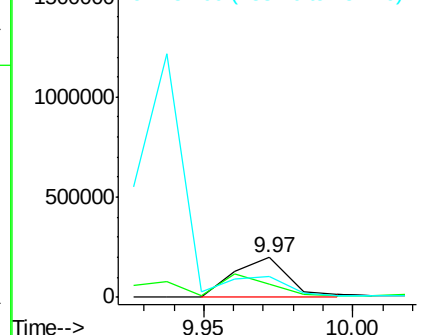
Tot Ion	Ratio	Resp	Lower	Upper
184	100	254254		
63	34.5	35.4	53.2#	
154	52.6	32.2	48.4#	

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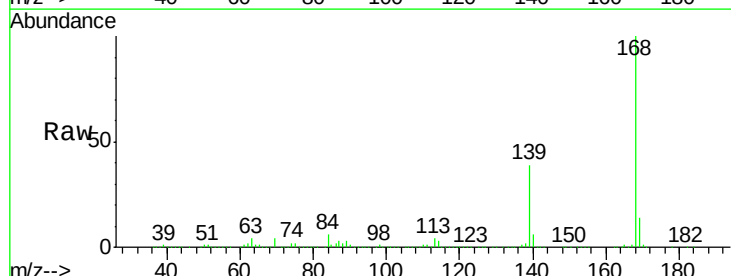


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

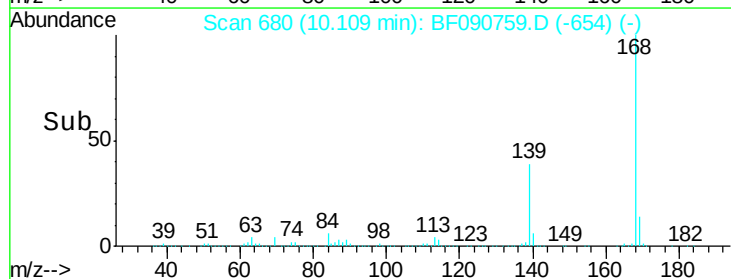
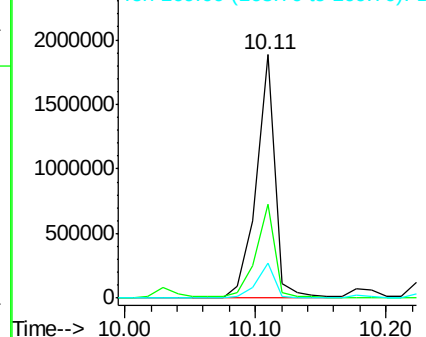


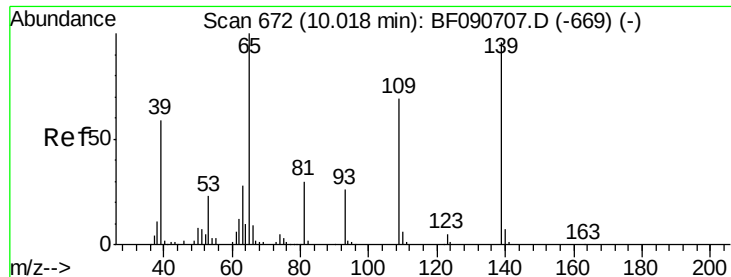
#54
Dibenzofuran
Concen: 48.31 ng
RT: 10.11 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1898501		
139	38.8	24.2	36.2#	
169	14.2	10.6	15.8	



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





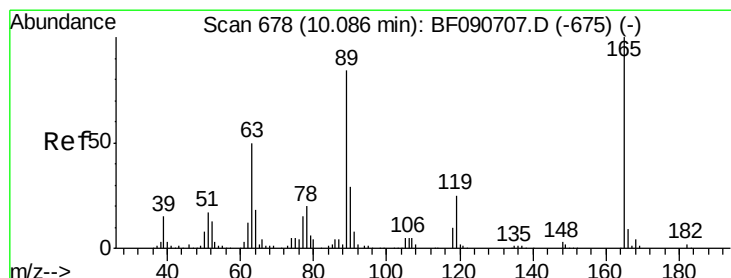
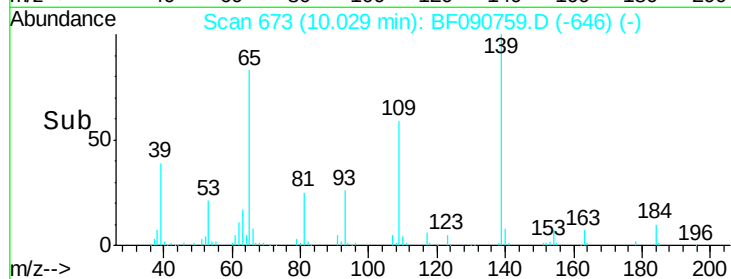
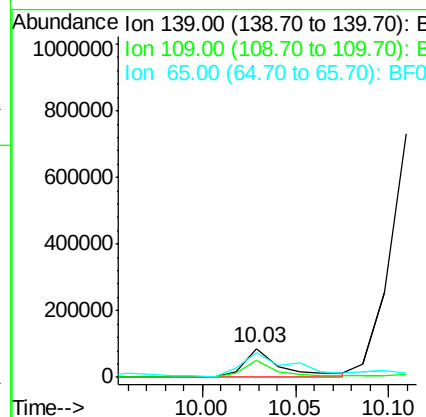
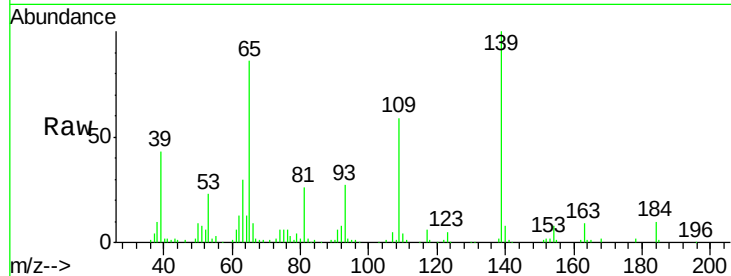
#55
4-Nitrophenol
Concen: 26.62 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
139	100		
109	58.5	12.7	52.7#
65	85.6	45.9	85.9

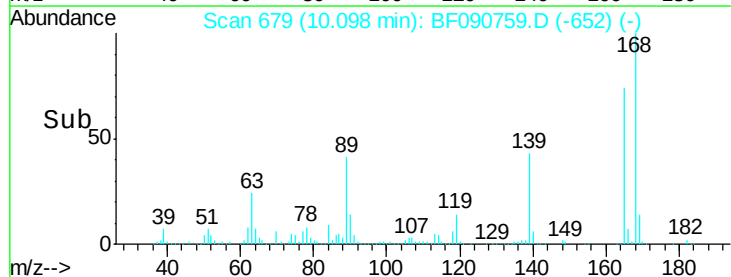
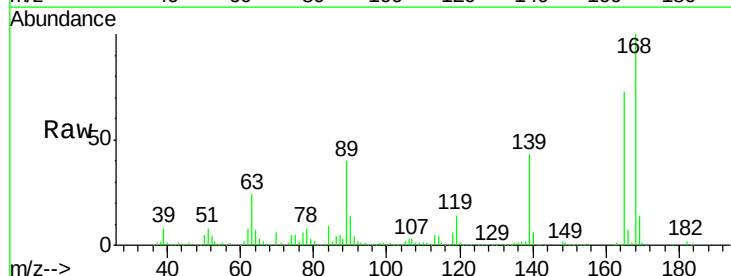
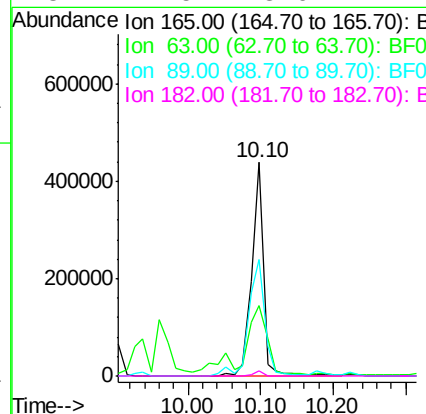
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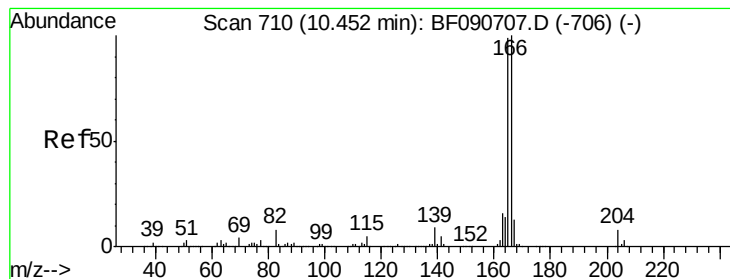
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#56
2,4-Dinitrotoluene
Concen: 54.72 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.1	29.8	44.6
89	54.8	44.5	66.7
182	2.5	3.0	4.4#





#57

Fluorene

Concen: 46.08 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:166 Resp: 1500887

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

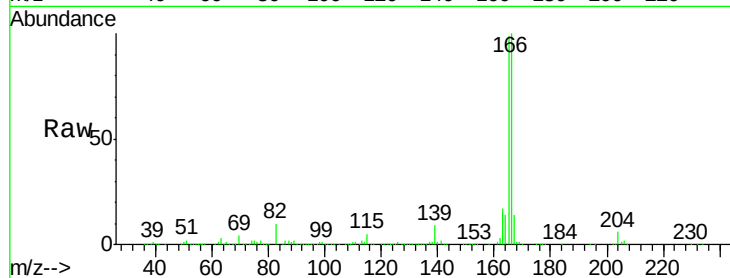
167 13.8 10.6 16.0

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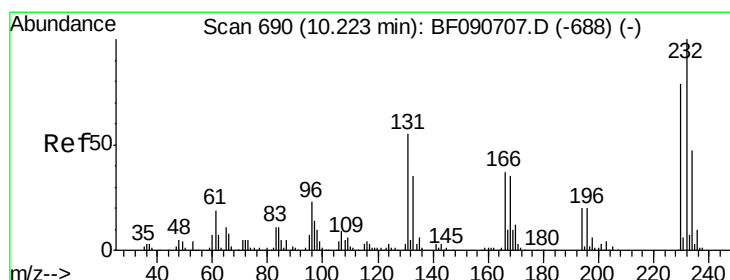
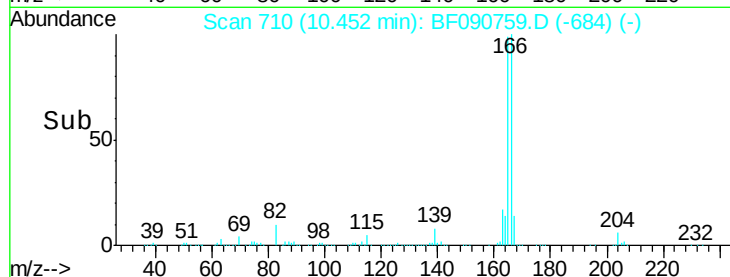
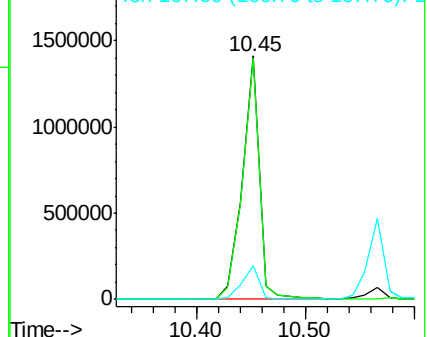
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.48 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:232 Resp: 362040

Ion Ratio Lower Upper

232 100

131 48.1 38.5 57.7

130 2.2 1.8 2.6

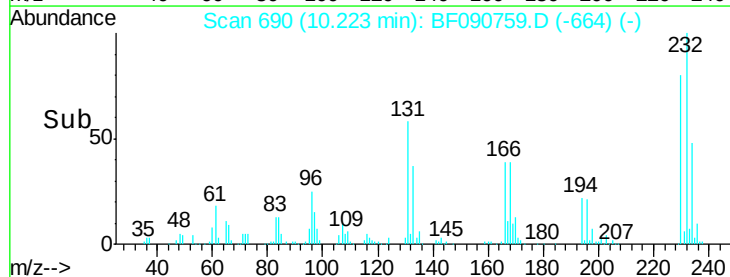
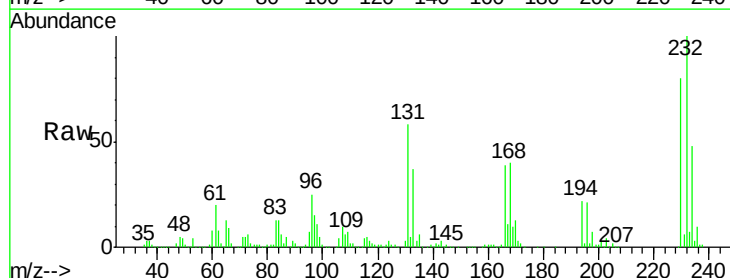
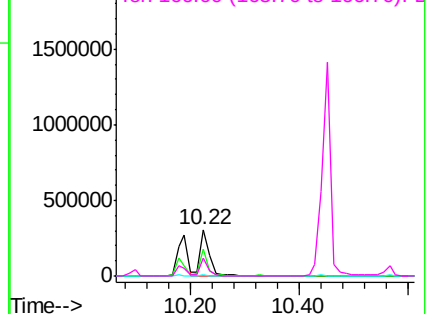
166 31.5 25.0 37.6

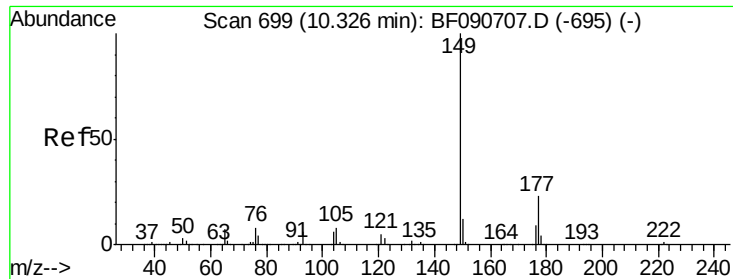
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





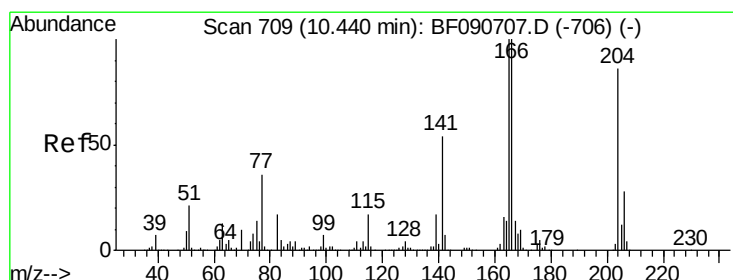
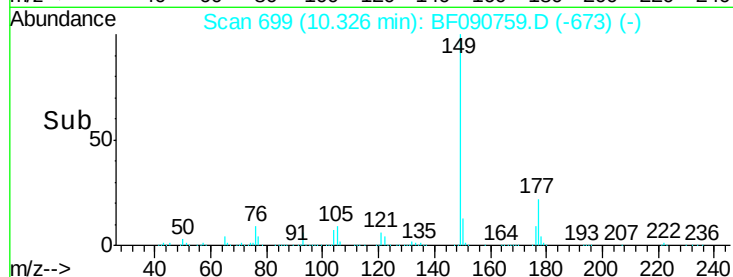
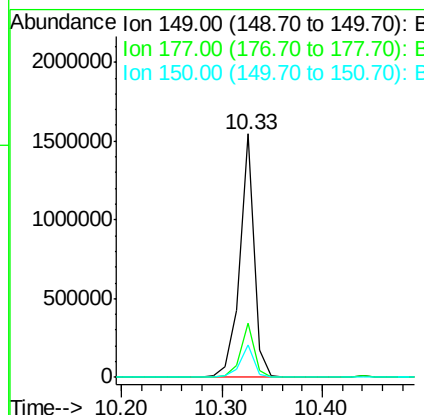
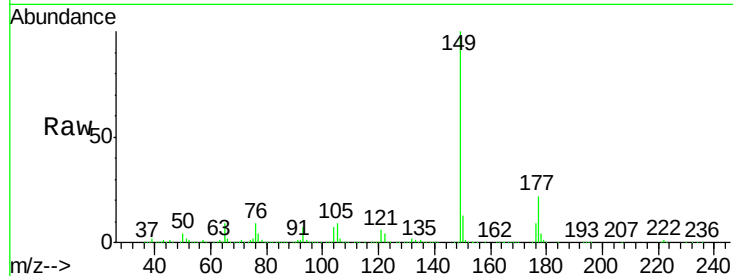
#59
Diethylphthalate
Concen: 43.12 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion:149 Resp: 1542069
Ion Ratio Lower Upper
149 100
177 22.4 17.5 26.3
150 13.2 9.4 14.2

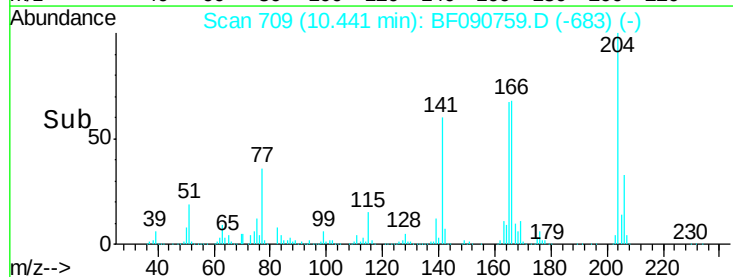
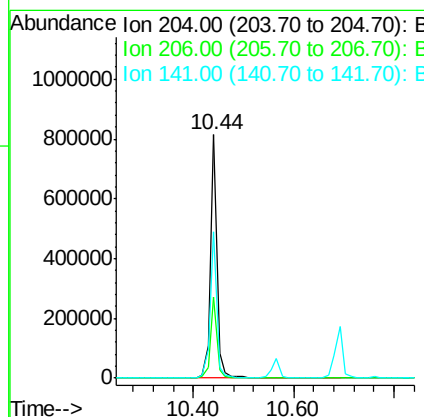
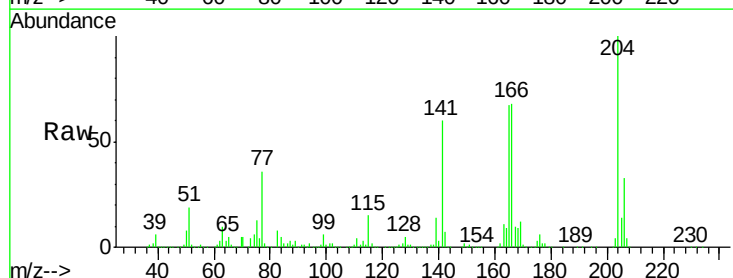
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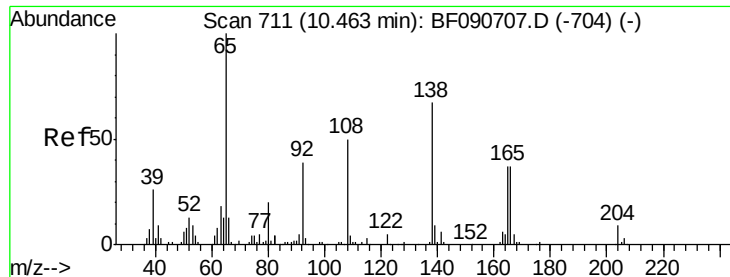
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#60
4-Chlorophenyl-phenylether
Concen: 49.33 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:204 Resp: 734260
Ion Ratio Lower Upper
204 100
206 33.3 24.8 37.2
141 60.3 42.2 63.4





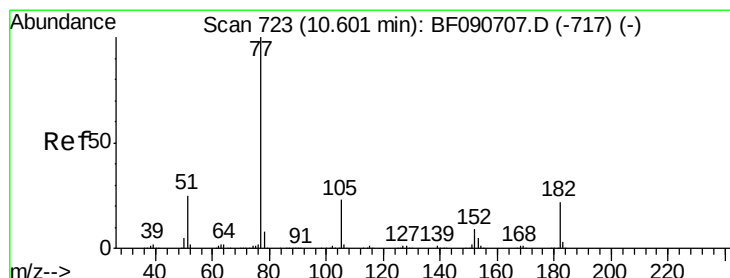
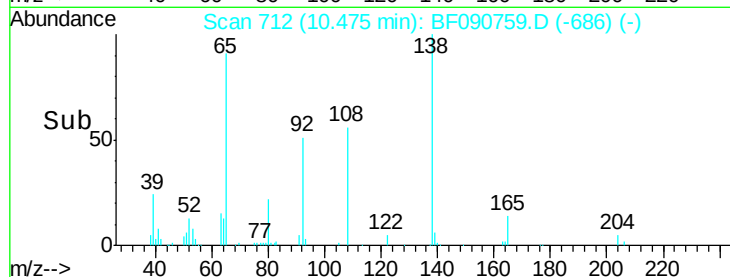
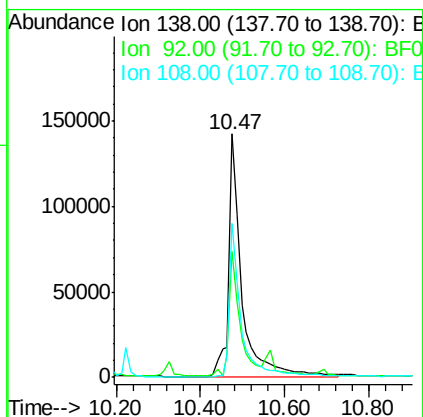
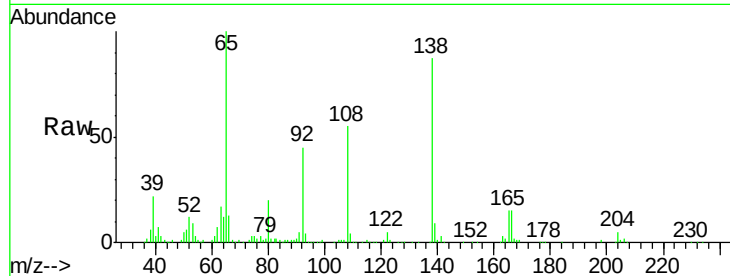
#61
4-Nitroaniline
Concen: 35.31 ng
RT: 10.47 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	304812		
92	51.7		12.6	52.6
108	63.3		12.4	52.4

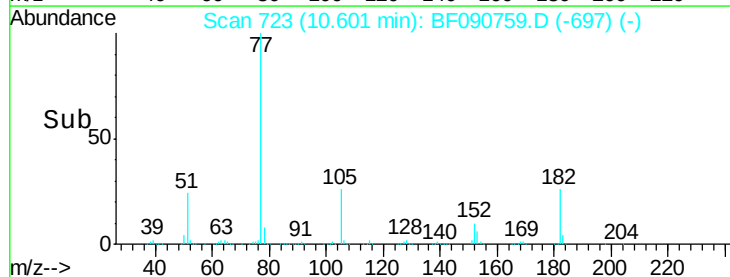
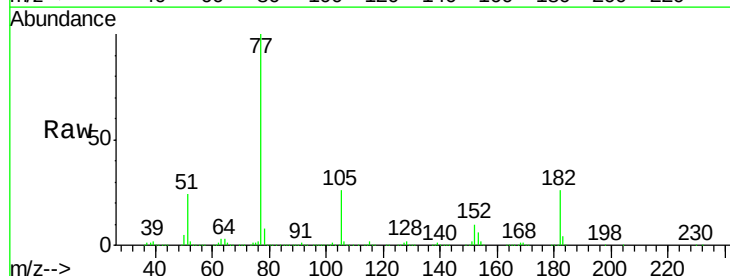
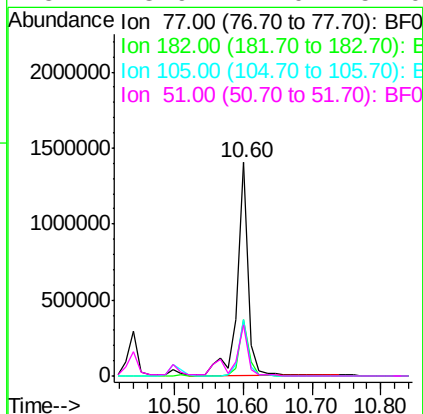
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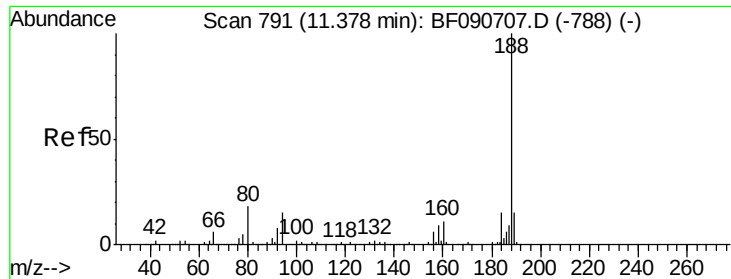
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#62
Azobenzene
Concen: 37.62 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1575359		
182	26.1		15.1	55.1
105	26.2		3.4	43.4
51	23.9		12.0	52.0





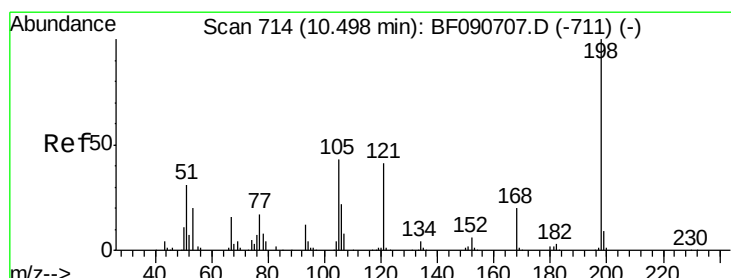
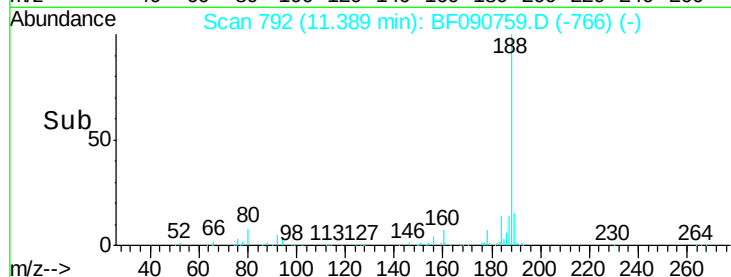
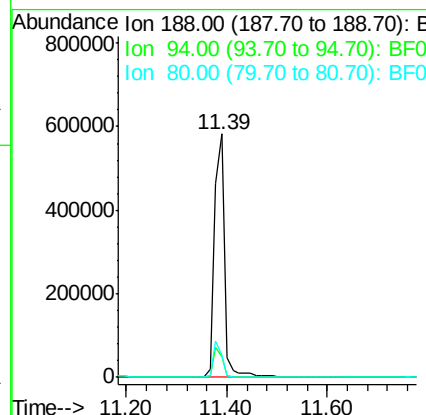
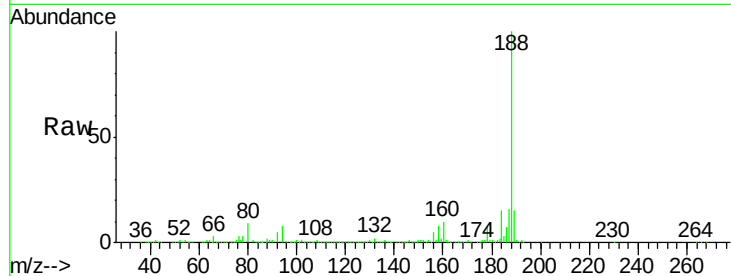
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100	815791		
94	8.5		11.1	16.7#
80	8.9		11.0	16.4#

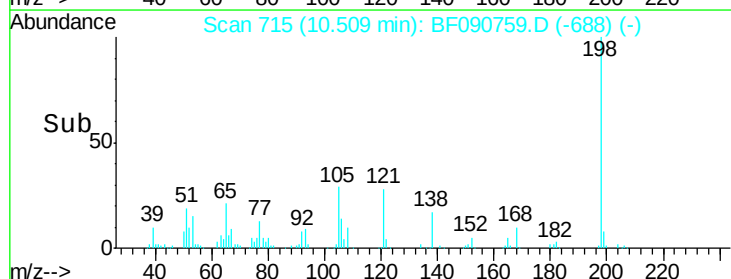
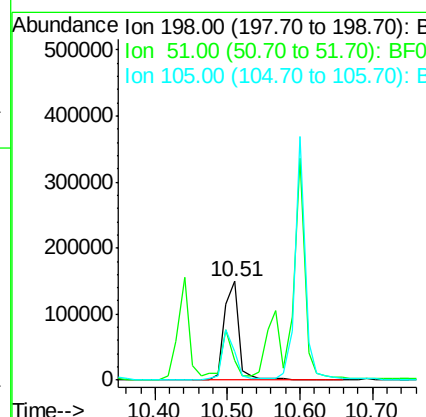
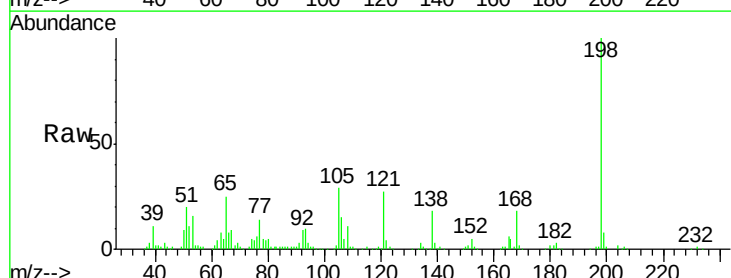
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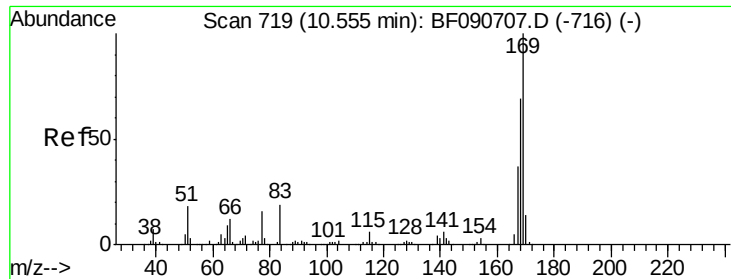
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.58 ng
RT: 10.51 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	213304		
51	19.7		39.6	79.6#
105	29.1		28.5	68.5





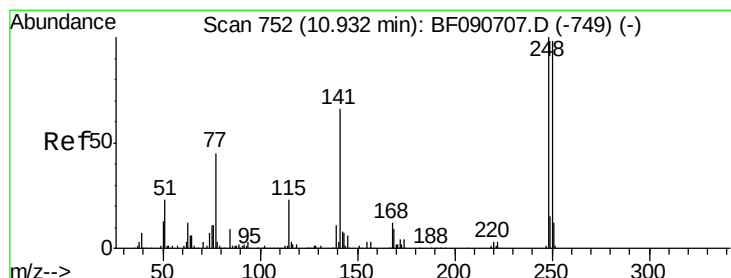
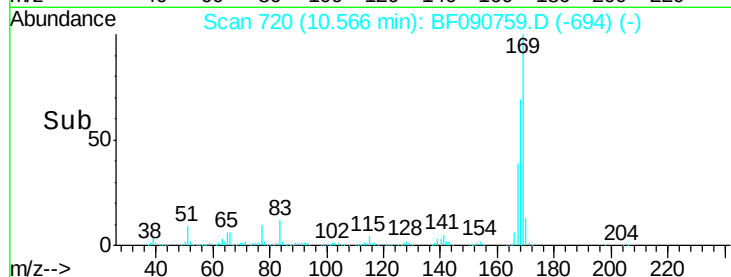
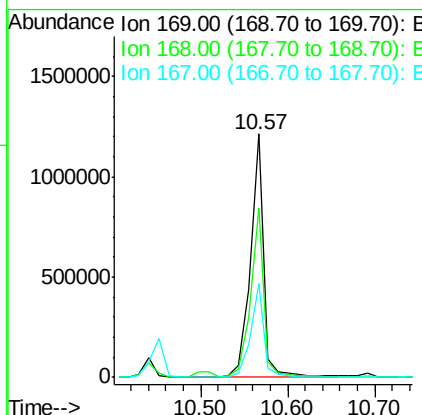
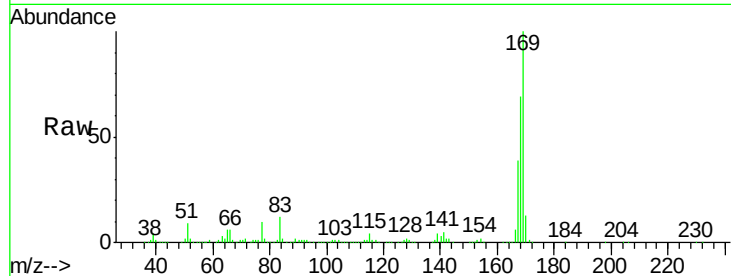
#65
n-Nitrosodiphenylamine
Concen: 49.48 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion:169 Resp: 1293091
Ion Ratio Lower Upper
169 100
168 69.4 48.9 73.3
167 38.8 26.2 39.4

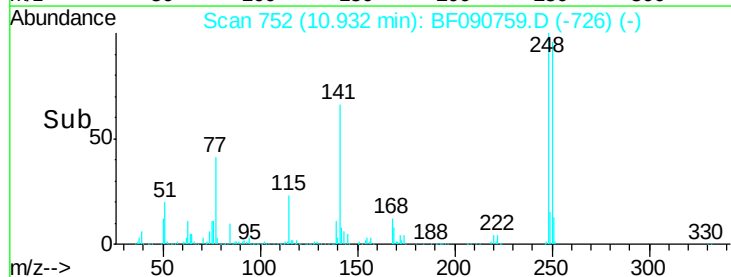
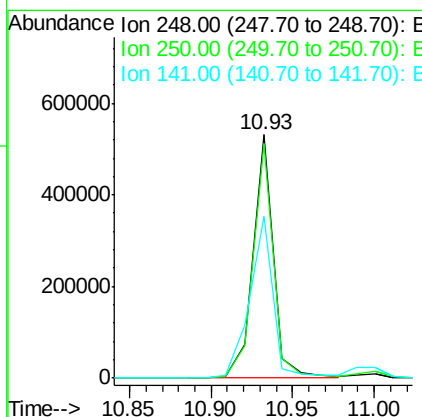
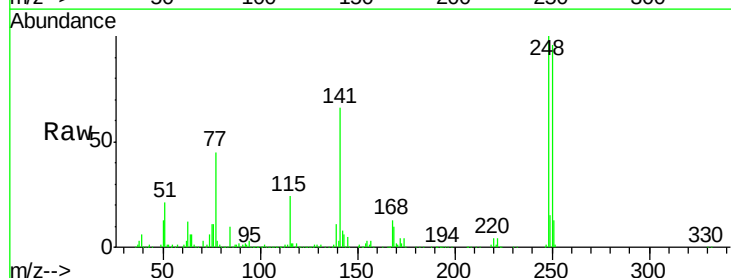
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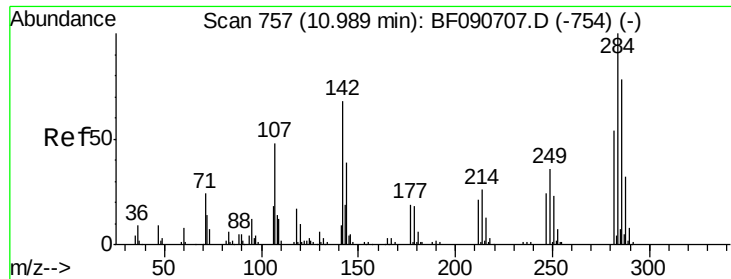
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#66
4-Bromophenyl-phenylether
Concen: 58.58 ng
RT: 10.93 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion:248 Resp: 463306
Ion Ratio Lower Upper
248 100
250 96.3 78.5 117.7
141 66.4 59.0 88.6





#67

Hexachlorobenzene

Concen: 57.83 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

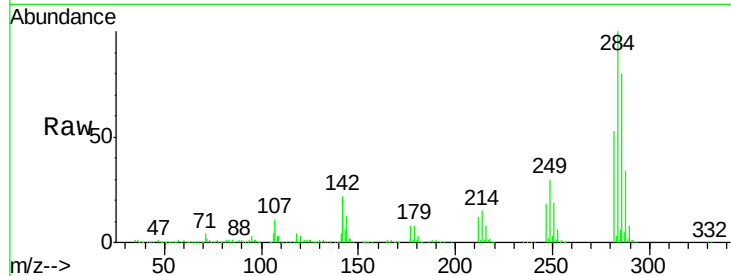
ClientSampleId :

MW-01S-101916MSD

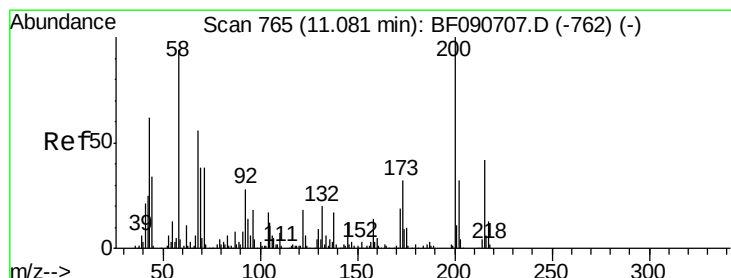
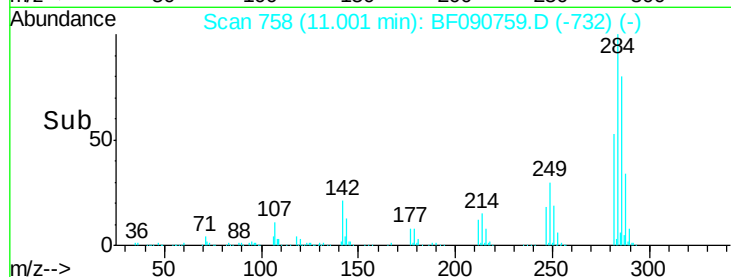
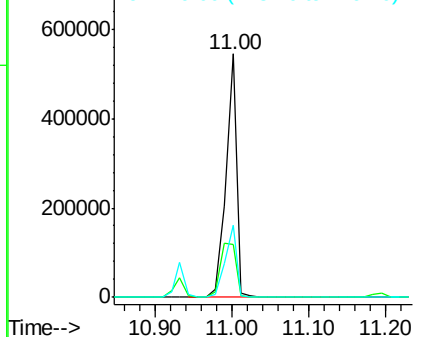
Tot Ion:	284	Resp:	539696
Ion Ratio	Lower	Upper	
284	100		
142	21.6	29.5	44.3#
249	29.8	19.5	29.3#

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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: 44.29 ng

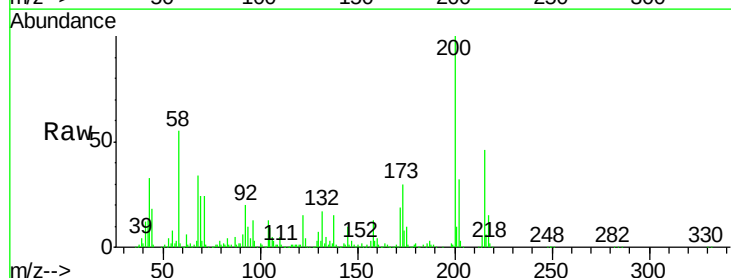
RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

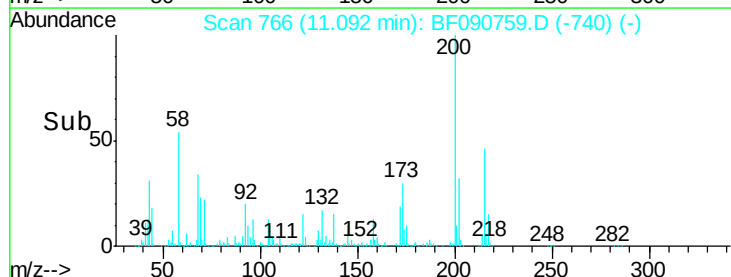
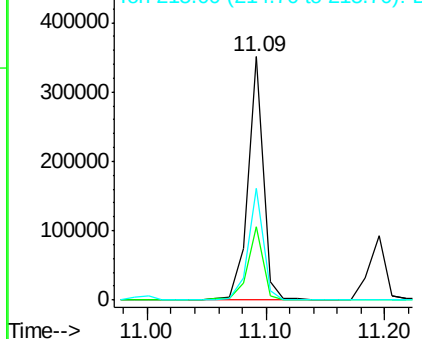
Lab File: BF090759.D

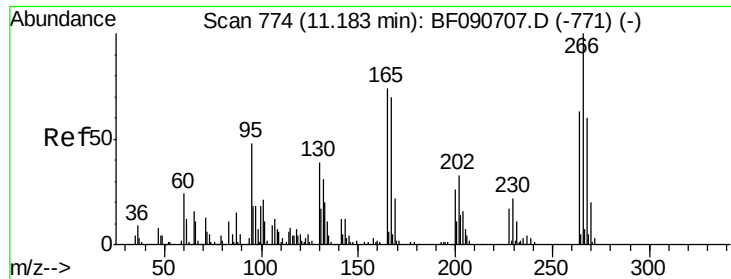
Acq: 22 Oct 2016 13:48

Tgt Ion:	200	Resp:	319509
Ion Ratio	Lower	Upper	
200	100		
173	30.2	13.2	53.2
215	45.7	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





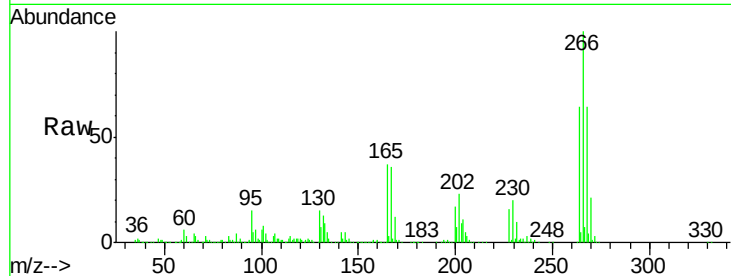
#69
 Pentachlorophenol
 Concen: 85.79 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

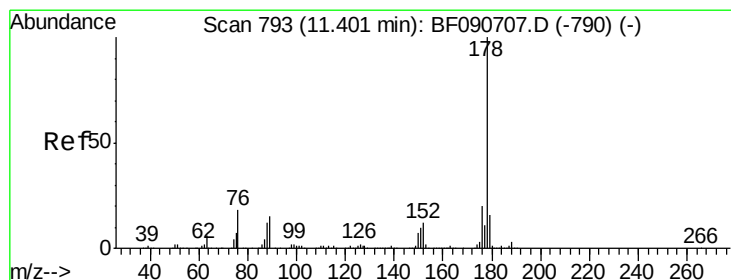
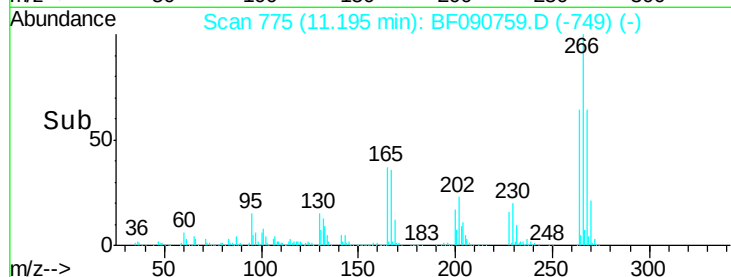
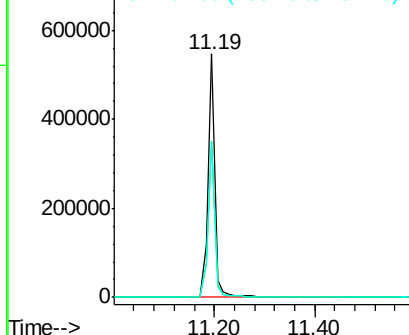
Tot Ion	Ratio	Resp	Lower	Upper
266	100	519463		
268	63.8	49.8	74.6	
264	64.1	50.2	75.2	

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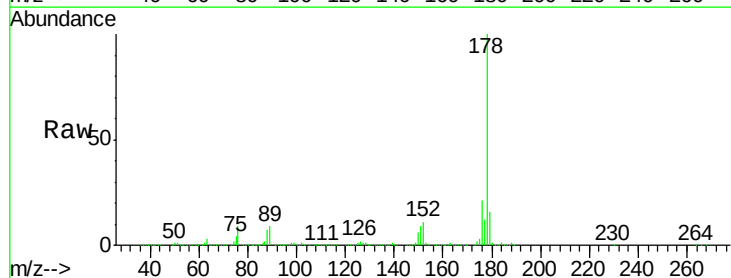


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

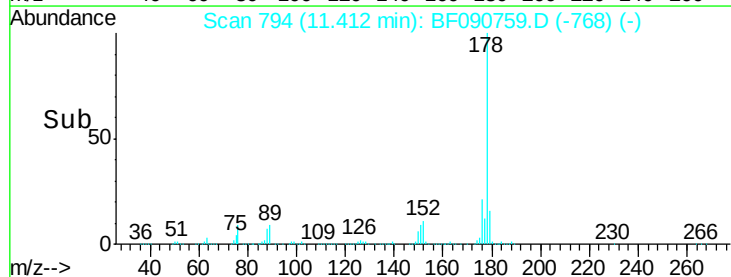
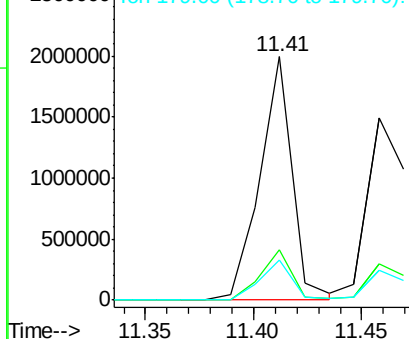


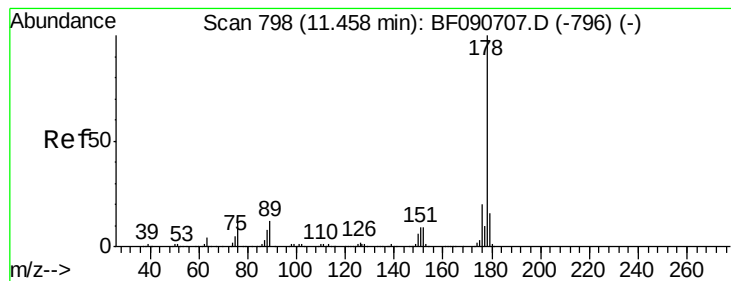
#70
 Phenanthrene
 Concen: 49.40 ng m
 RT: 11.41 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2053986		
176	20.9	13.8	20.8	
179	16.4	12.2	18.2	



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





#71

Anthracene

Concen: 44.40 ng

RT: 11.46 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:178 Resp: 2047240

Ion Ratio Lower Upper

178 100

176 20.2 14.1 21.1

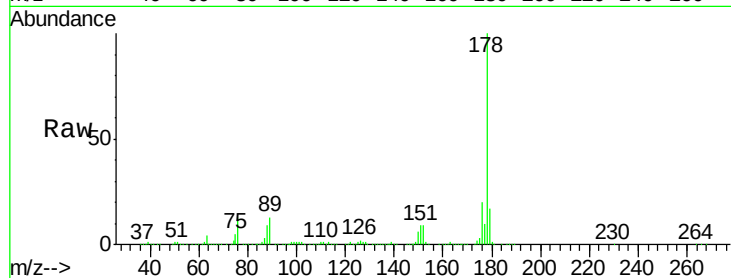
179 16.7 12.2 18.2

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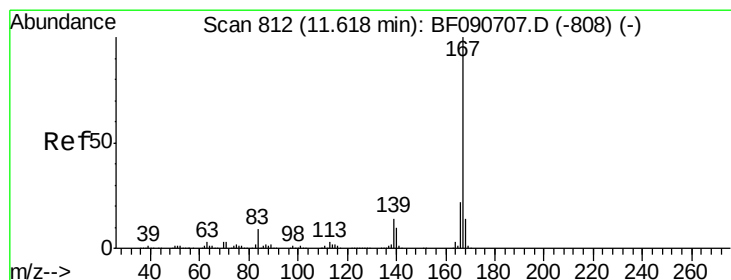
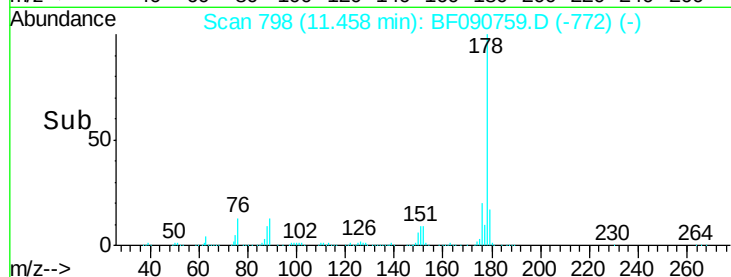
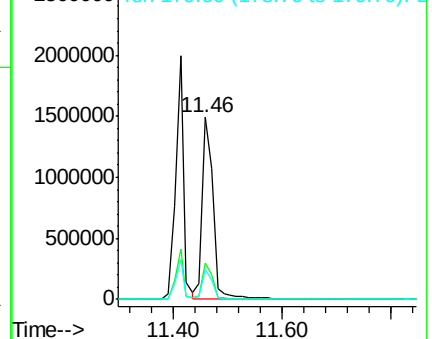
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.85 ng

RT: 11.62 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

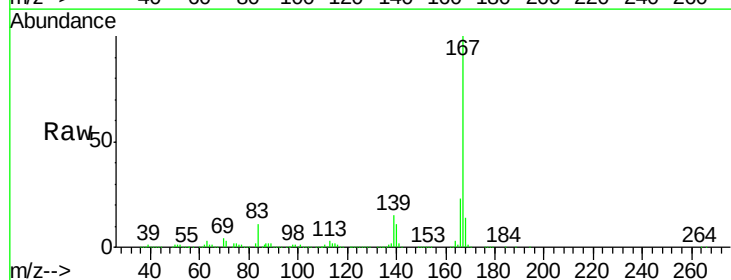
Tgt Ion:167 Resp: 1729065

Ion Ratio Lower Upper

167 100

166 23.0 15.7 23.5

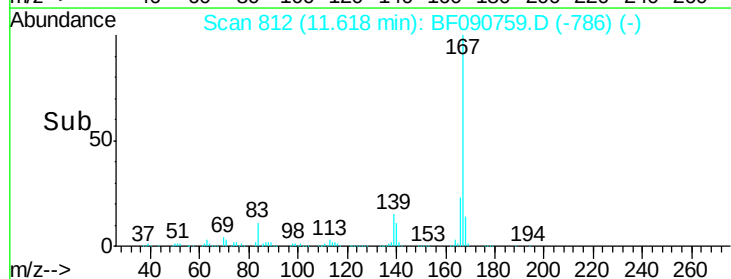
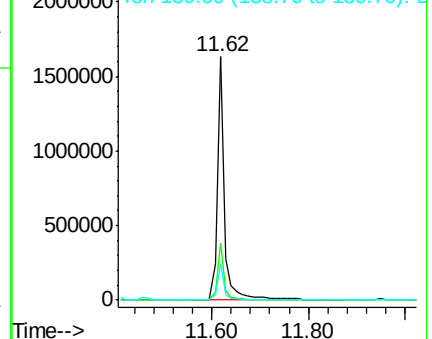
139 14.8 9.5 14.3#

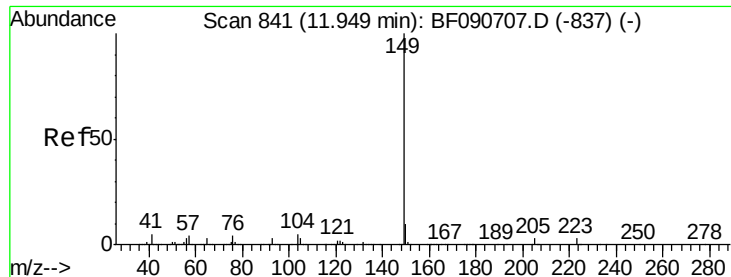


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.88 ng

RT: 11.95 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

ClientSampleId :

MW-01S-101916MSD

Tot Ion:149 Resp: 2294614

Ion Ratio Lower Upper

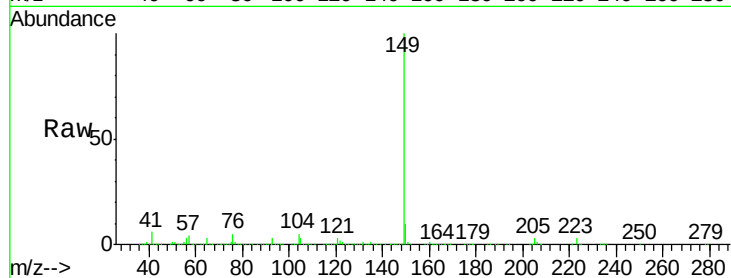
149 100

150 10.4 7.4 11.2

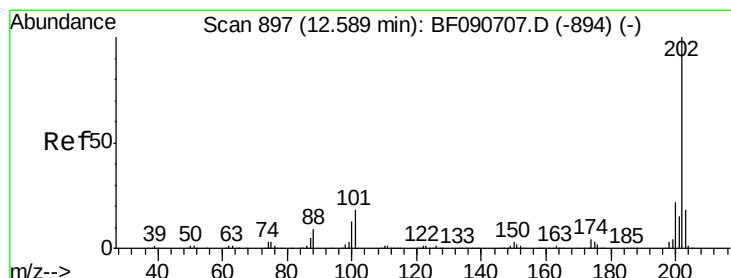
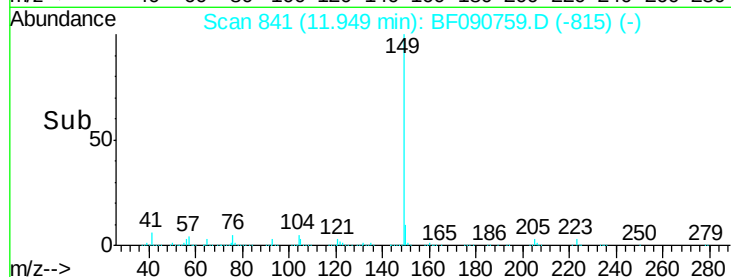
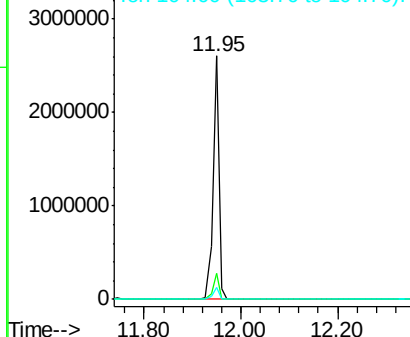
104 5.1 2.4 3.6#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.14 ng

RT: 12.60 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

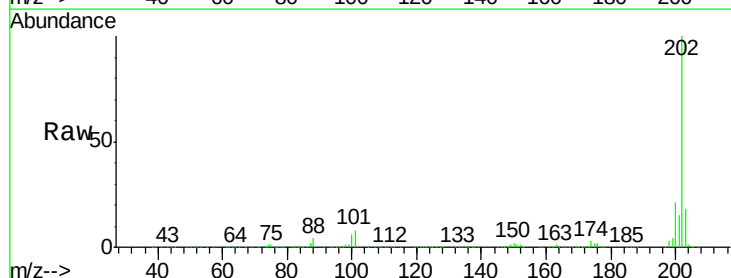
Tgt Ion:202 Resp: 1856102

Ion Ratio Lower Upper

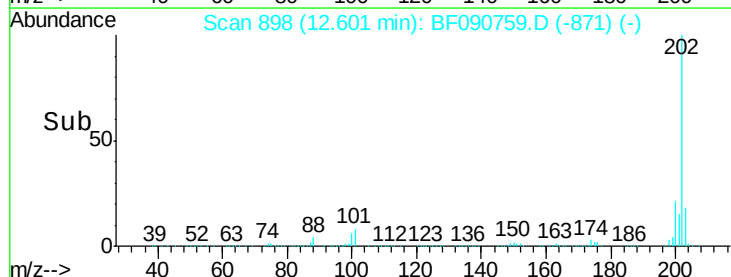
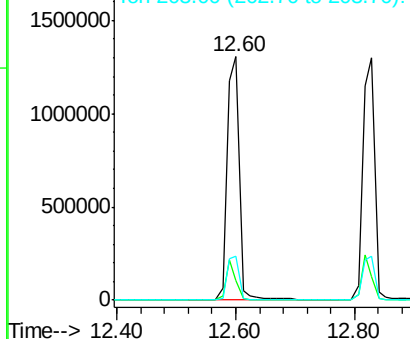
202 100

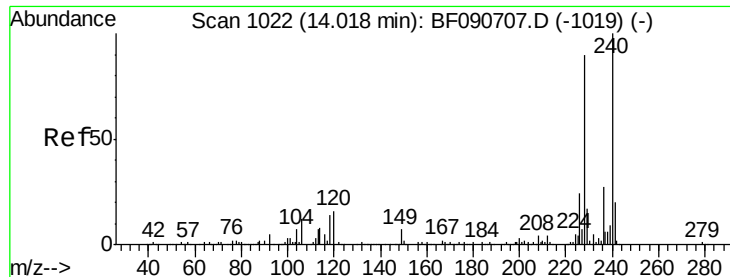
101 7.9 0.0 38.3

203 17.9 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Instrument :

BNA_F

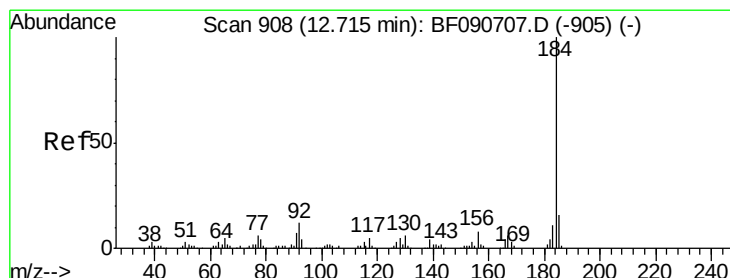
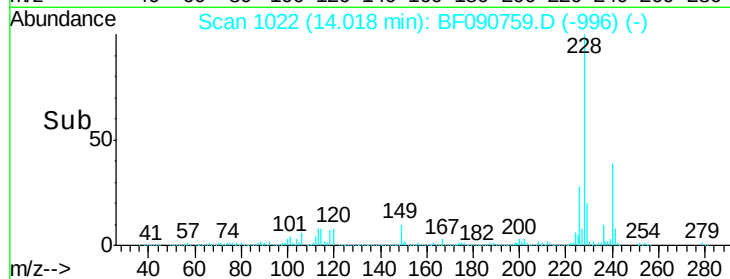
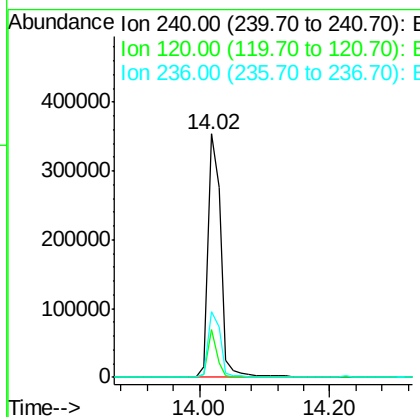
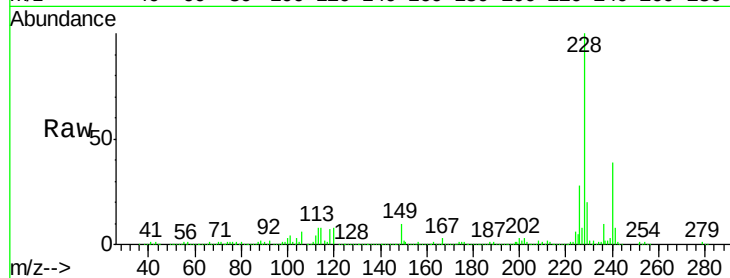
ClientSampleId :

MW-01S-101916MSD

Tot Ion:	240	Resp:	488008
Ion Ratio	Lower	Upper	
240	100		
120	19.9	16.2	24.2
236	27.0	18.4	27.6

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#76

Benzidine

Concen: 35.15 ng

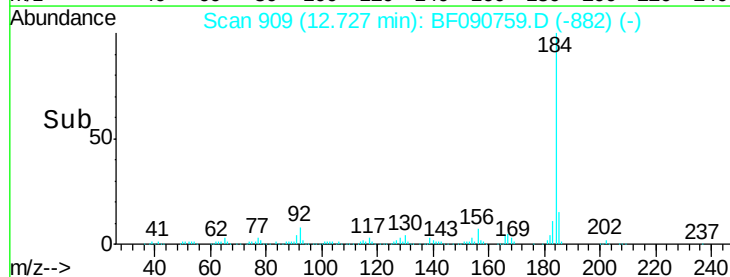
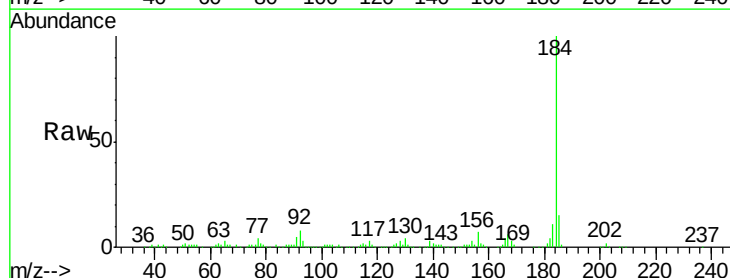
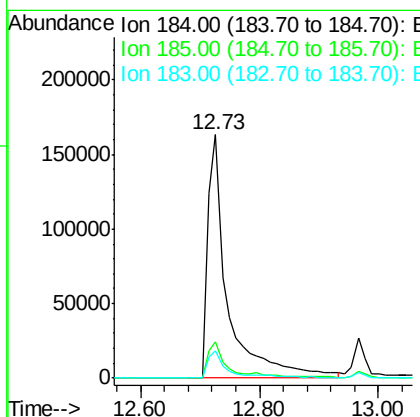
RT: 12.73 min Scan# 909

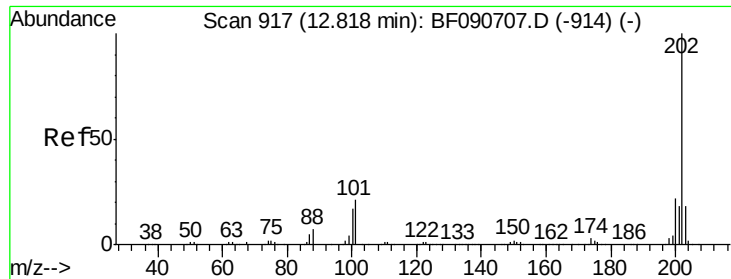
Delta R.T. 0.01 min

Lab File: BF090759.D

Acq: 22 Oct 2016 13:48

Tgt Ion:	184	Resp:	380908
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.6
183	11.2	7.6	11.4





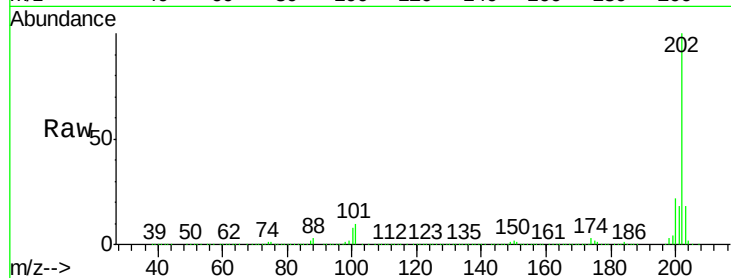
#77
Pvrene
Concen: 52.80 ng
RT: 12.83 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

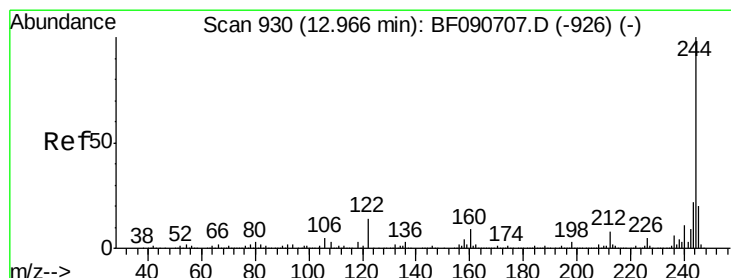
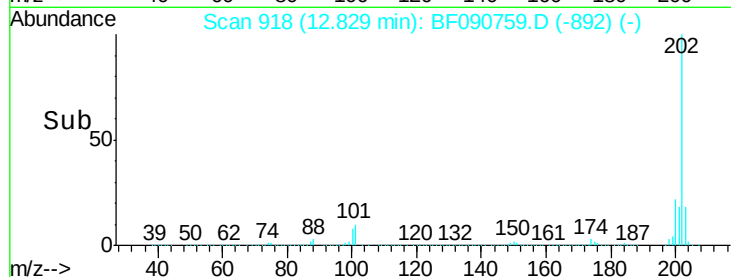
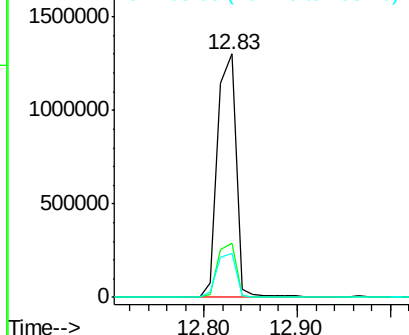
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.9	14.1	21.1

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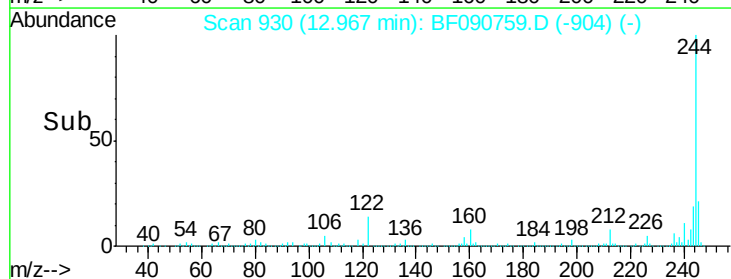
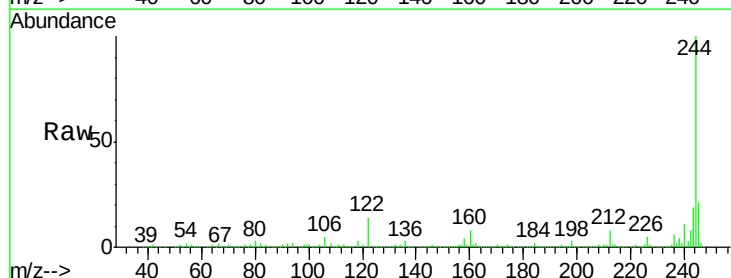
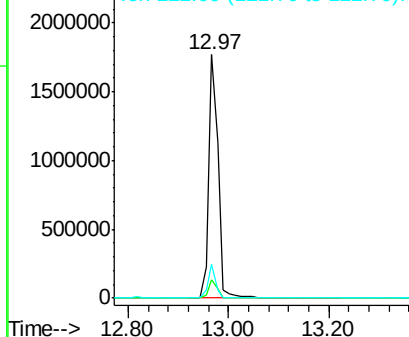
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

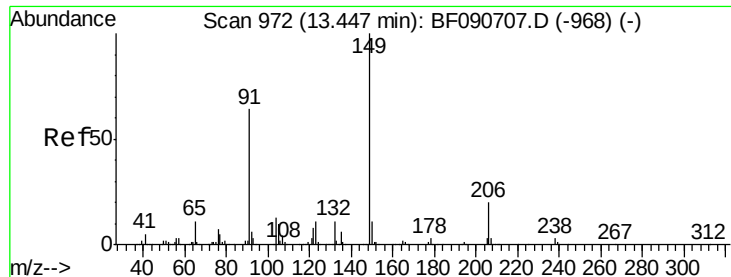


#78
Terphenyl-d14
Concen: 106.97 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	13.9	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





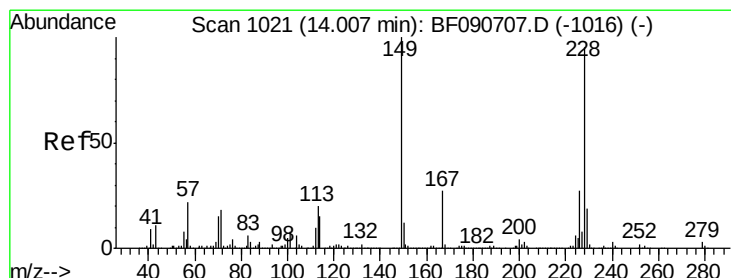
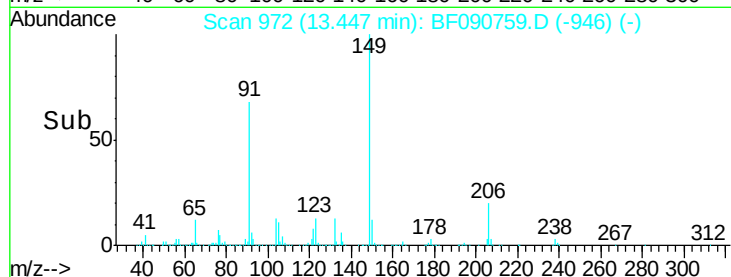
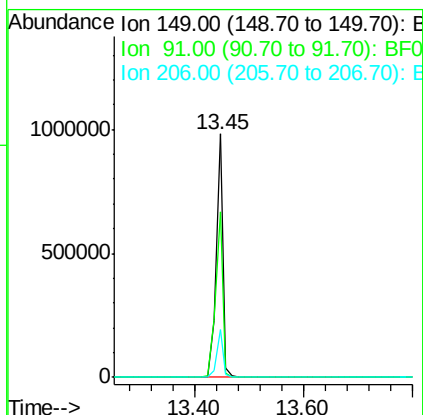
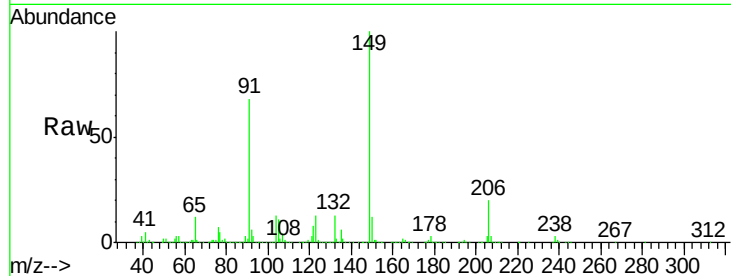
#79
Butylbenzylphthalate
Concen: 55.71 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	48.6	72.8
206	19.8	14.9	22.3

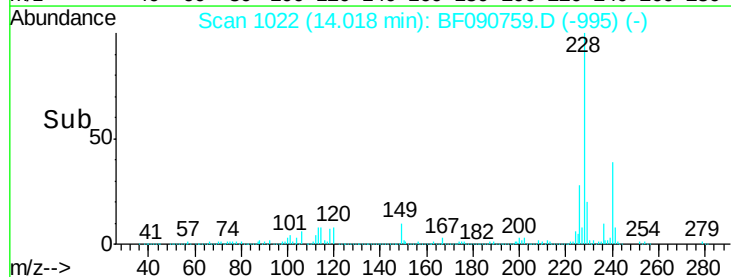
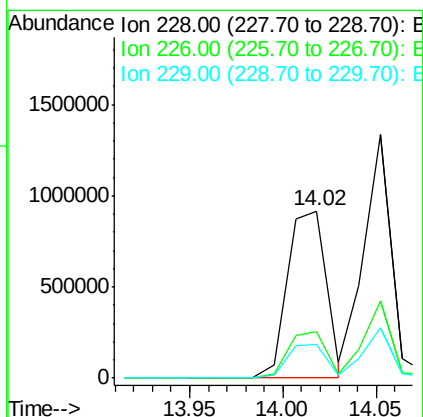
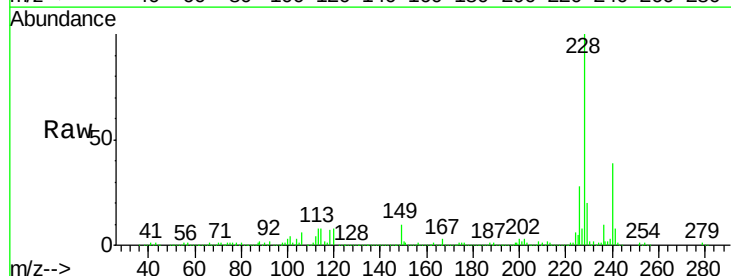
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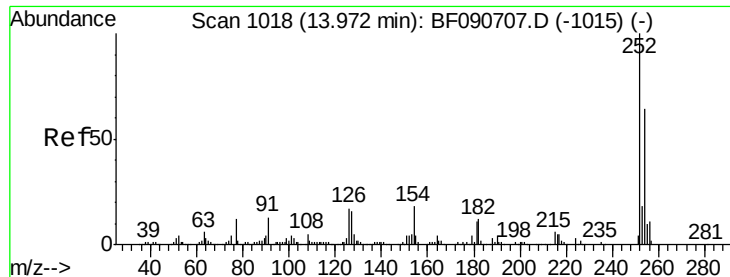
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#80
Benzo(a)anthracene
Concen: 50.09 ng
RT: 14.02 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	20.0	30.0
229	20.3	15.4	23.2





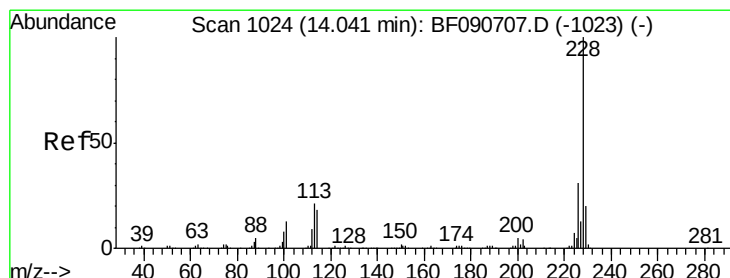
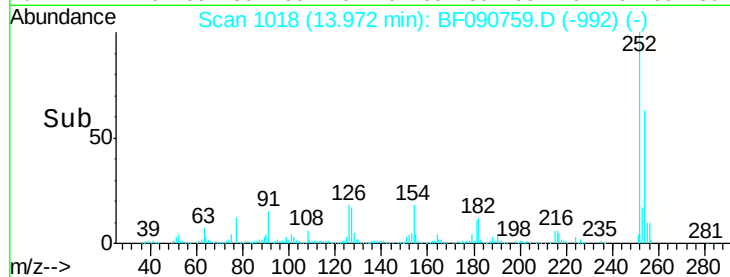
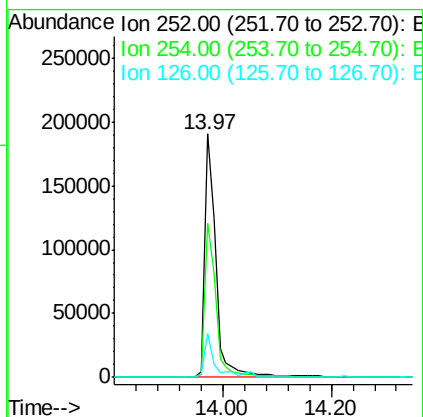
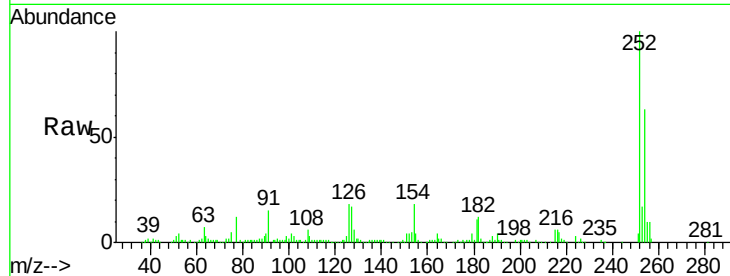
#81
 3,3'-Dichlorobenzidine
 Concen: 29.15 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.3	51.4	77.2
126	18.1	16.4	24.6

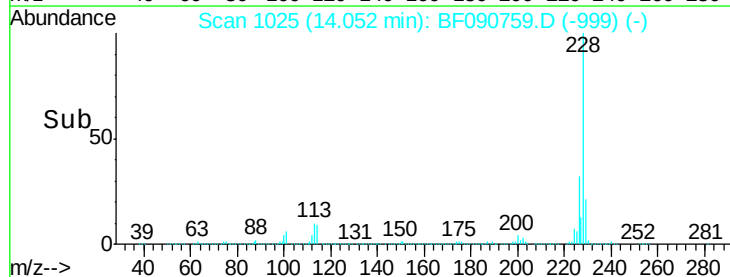
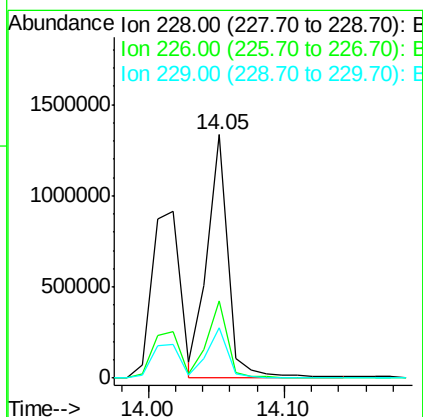
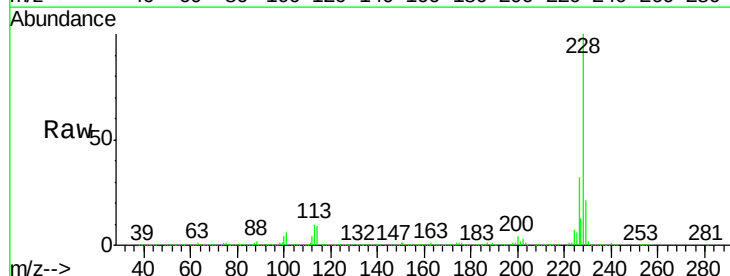
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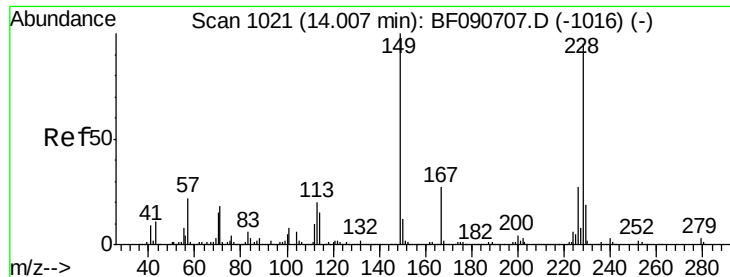
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#82
 Chrysene
 Concen: 54.83 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.5	21.0	31.4#
229	20.6	15.6	23.4





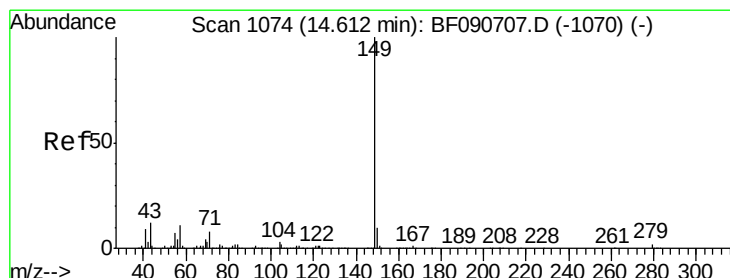
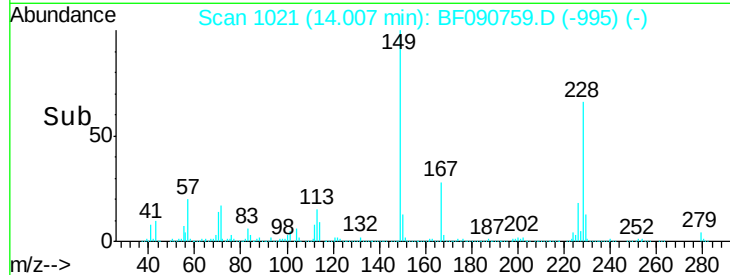
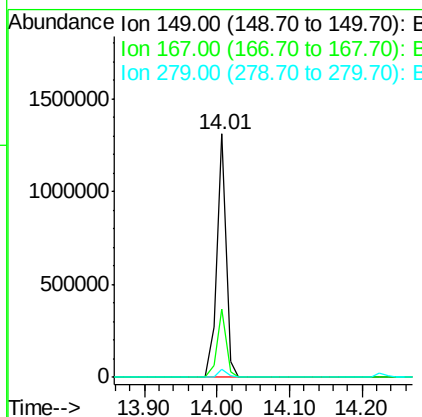
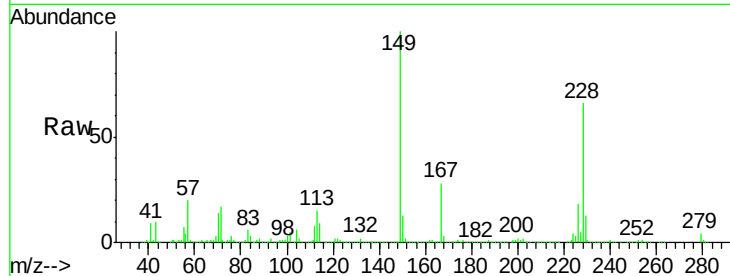
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.66 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

Tot Ion:149 Resp: 1157987
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.2 36.2
 279 3.6 3.8 5.6#

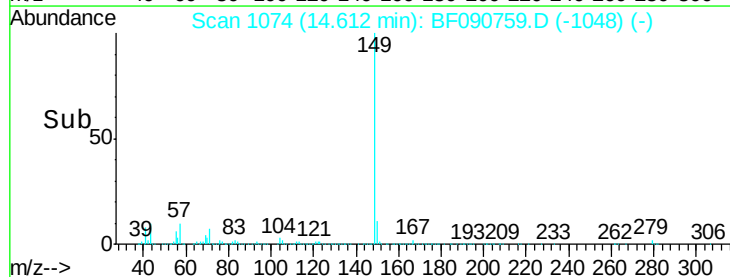
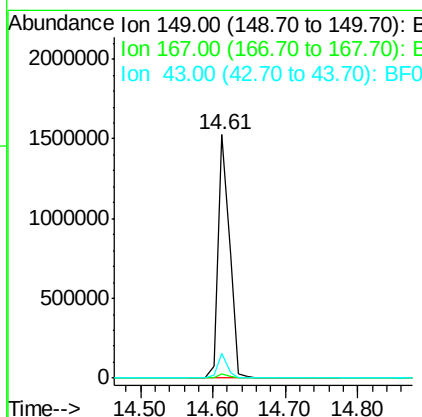
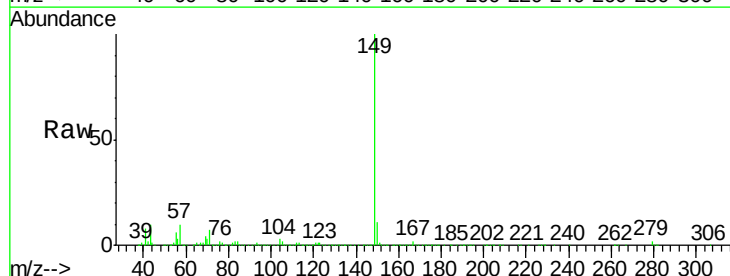
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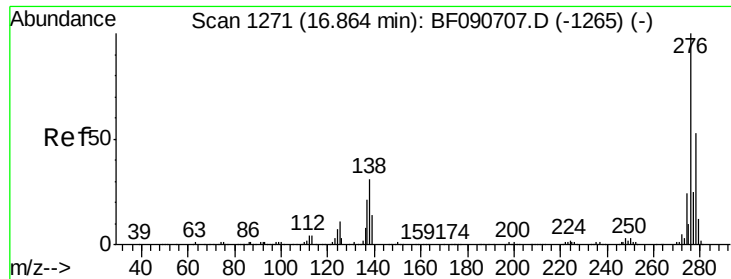
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#84
 Di-n-octyl phthalate
 Concen: 48.91 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

Tgt Ion:149 Resp: 1663883
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 8.6 10.2 15.2#





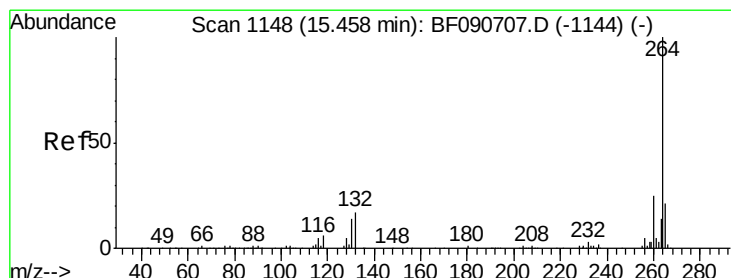
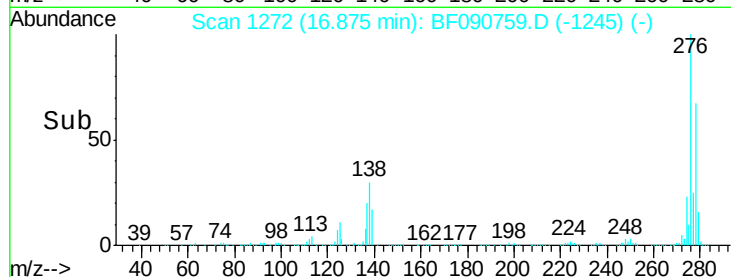
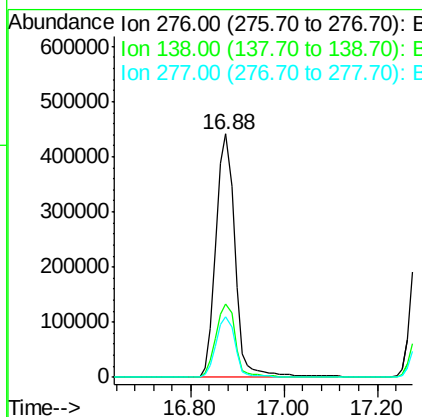
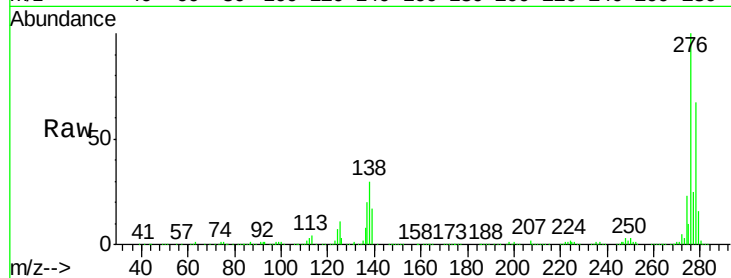
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.30 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.7	38.5
277	25.3	15.6	23.4

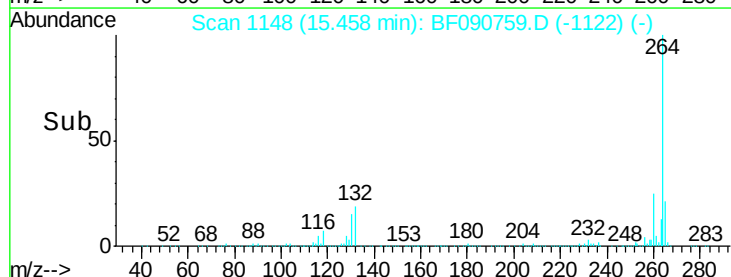
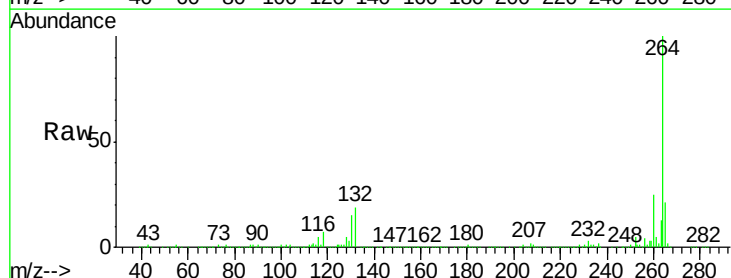
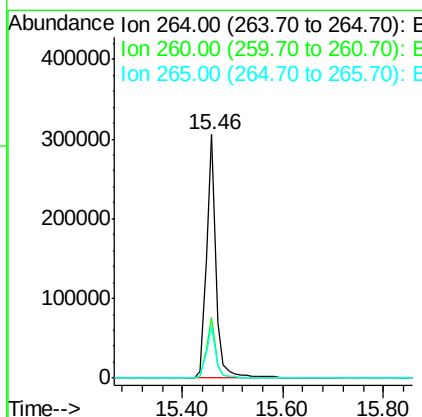
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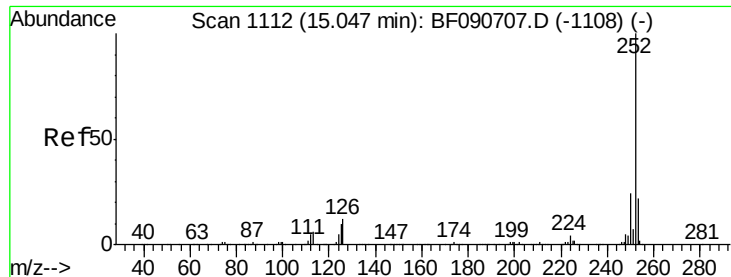
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	16.7	25.1
265	21.4	17.2	25.8





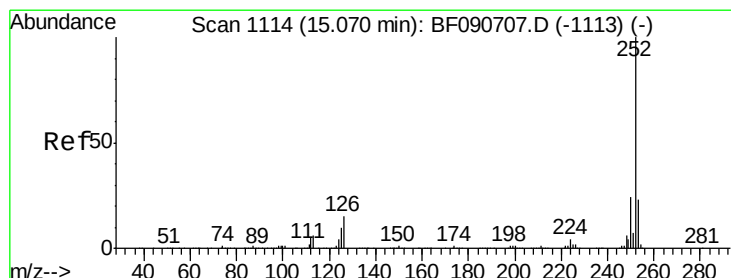
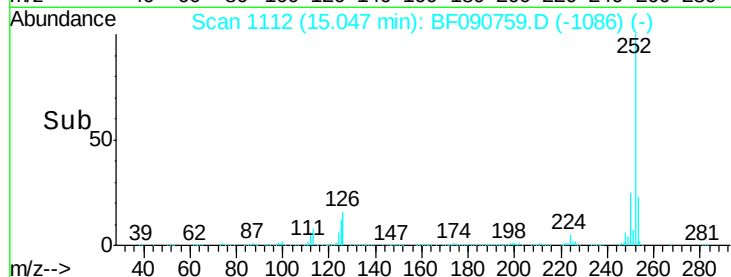
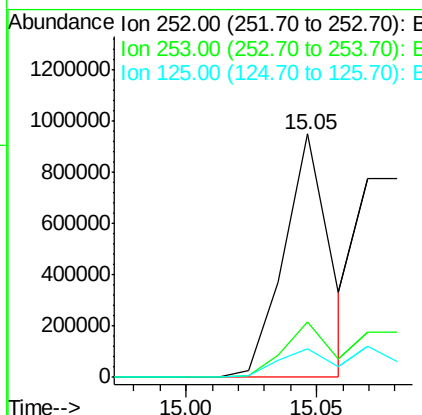
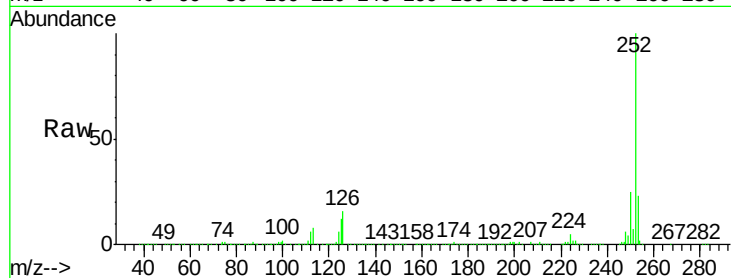
#87
Benzo(b)fluoranthene
Concen: 46.56 ng
RT: 15.05 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	12.0	17.1	25.7

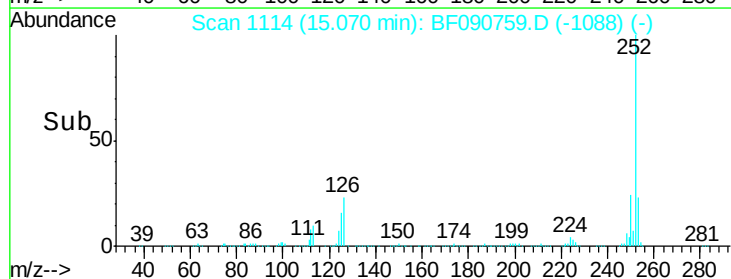
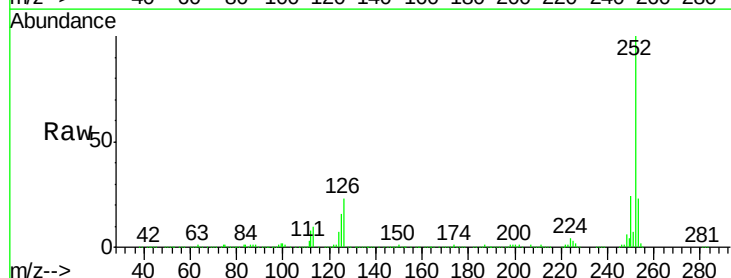
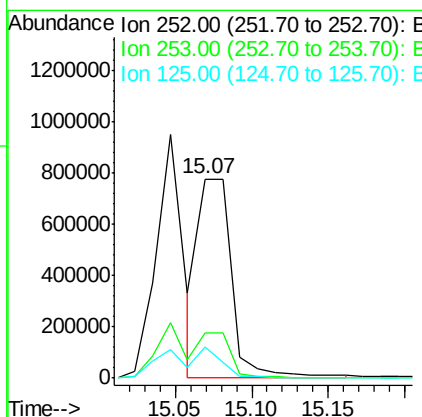
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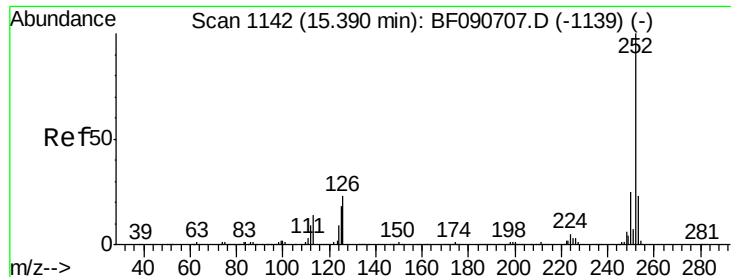
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#88
Benzo(k)fluoranthene
Concen: 48.13 ng m
RT: 15.07 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	15.8	16.0	24.0





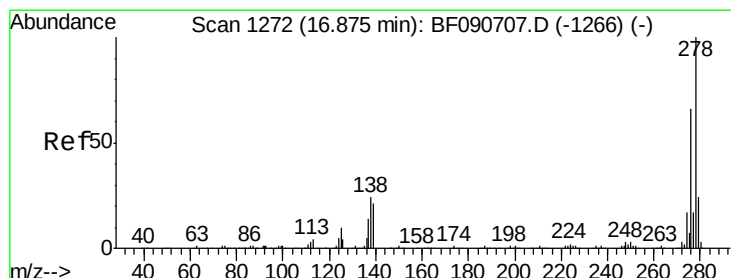
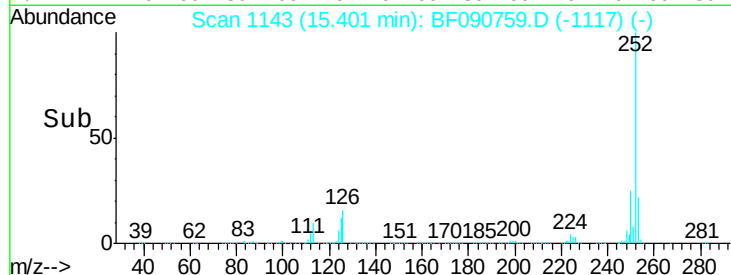
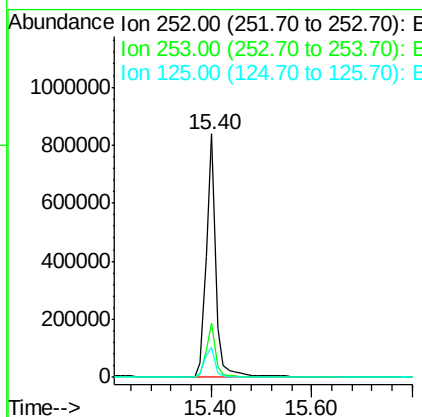
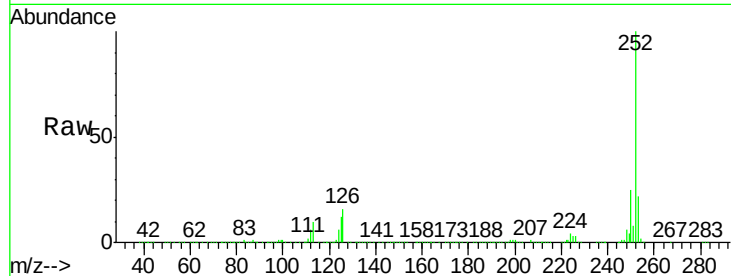
#89
Benzo(a)pyrene
Concen: 47.63 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.5	18.0	27.0

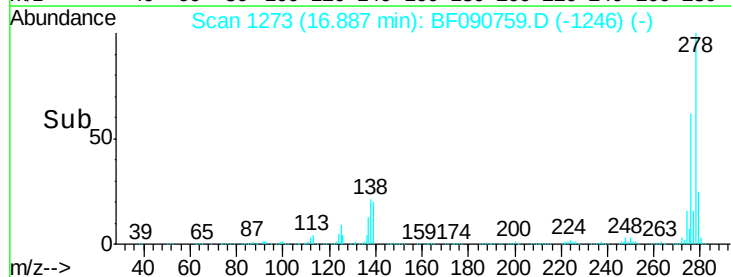
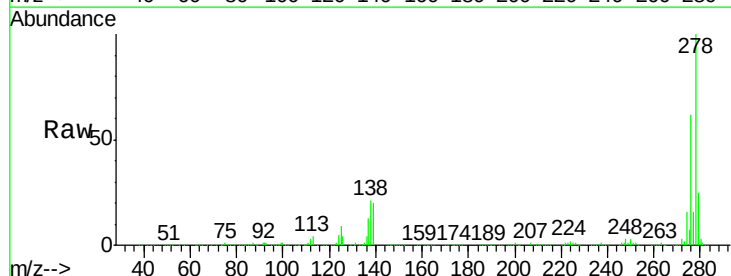
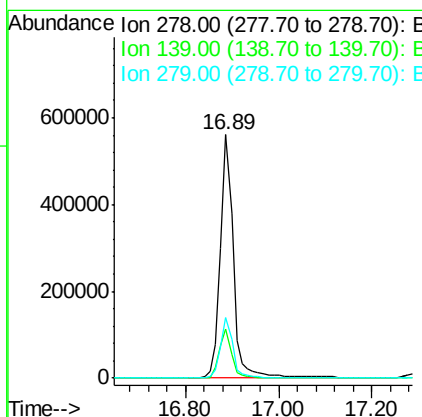
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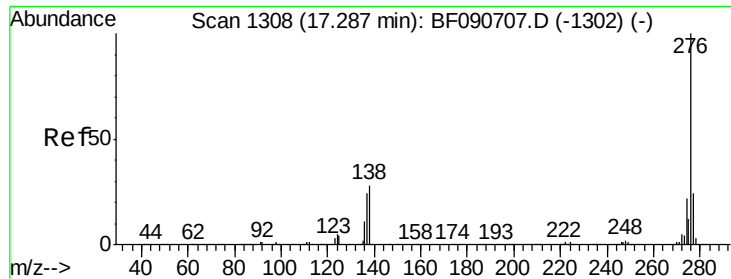
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#90
Dibenzo(a,h)anthracene
Concen: 48.39 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090759.D
Acq: 22 Oct 2016 13:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	26.3	39.5
279	24.8	18.2	27.4





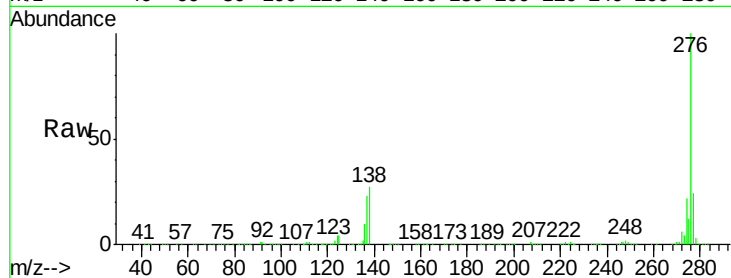
#91
 Benzo(a,h,i)perylene
 Concen: 48.51 ng
 RT: 17.30 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF090759.D
 Acq: 22 Oct 2016 13:48

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

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

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

