

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102116\
 Data File : BF090732.D
 Acq On : 22 Oct 2016 1:27
 Operator : UM/SJ
 Sample : H5308-07MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Manual Integrations
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 10/24/2016 3:53:17 PM

Quant Time: Oct 24 11:18:20 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	273856	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	1140245	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	564758	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	899280	20.00	ng	0.00
75) Chrysene-d12	14.02	240	589385	20.00	ng	0.00
86) Perylene-d12	15.46	264	434824	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	969920	57.12	ng	0.01
7) Phenol-d6	6.50	99	810828	35.25	ng	0.00
23) Nitrobenzene-d5	7.42	82	1687696	81.18	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	672090	150.35	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	3062107	84.17	ng	0.00
78) Terphenyl-d14	12.97	244	2524636	98.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	139495	14.20	ng	# 82
3) Pyridine	3.31	79	307998	13.38	ng	# 76
4) n-Nitrosodimethylamine	3.24	42	115648	14.68	ng	# 81
6) Aniline	6.52	93	447972	17.18	ng	# 82
8) 2-Chlorophenol	6.65	128	715593	35.11	ng	# 97
9) Benzaldehyde	6.41	77	186091	14.80	ng	# 82
10) Phenol	6.51	94	349640	13.52	ng	# 66
11) bis(2-Chloroethyl)ether	6.59	93	877682	40.40	ng	# 97
12) 1,3-Dichlorobenzene	6.79	146	804728	39.30	ng	# 92
13) 1,4-Dichlorobenzene	6.87	146	885906	40.79	ng	# 93
14) 1,2-Dichlorobenzene	7.03	146	814261	38.30	ng	# 99
15) Benzyl Alcohol	7.00	79	396139	25.36	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1001738	30.79	ng	# 68
17) 2-Methylphenol	7.13	107	442757	28.83	ng	# 80
18) Hexachloroethane	7.37	117	324138	36.76	ng	# 90
19) n-Nitroso-di-n-propylamine	7.29	70	653042	38.13	ng	# 67
20) 3+4-Methylphenols	7.27	107	443946	24.39	ng	# 50
22) Acetophenone	7.27	105	1139347	44.84	ng	# 85
24) Nitrobenzene	7.45	77	938161	41.63	ng	# 72
25) Isophorone	7.69	82	1736082	44.11	ng	# 91
26) 2-Nitrophenol	7.77	139	454092	49.32	ng	# 89
27) 2,4-Dimethylphenol	7.80	122	511048	31.30	ng	# 80
28) bis(2-Chloroethoxy)methane	7.90	93	1072206	49.80	ng	# 95
29) 2,4-Dichlorophenol	8.01	162	646017	48.22	ng	# 95
30) 1,2,4-Trichlorobenzene	8.09	180	744833	47.24	ng	# 97
31) Naphthalene	8.17	128	2374359	42.57	ng	# 96
32) Benzoic acid	7.90	122	132931	17.28	ng	# 72
33) 4-Chloroaniline	8.21	127	306714	14.83	ng	# 87
34) Hexachlorobutadiene	8.28	225	411573	46.42	ng	# 98
35) Caprolactam	8.60	113	30089	7.86	ng	# 94
36) 4-Chloro-3-methylphenol	8.70	107	607169	38.96	ng	# 93
37) 2-Methylnaphthalene	8.86	142	1593945	48.90	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	690197	45.26	ng	# 99
40) Hexachlorocyclopentadiene	9.01	237	778443	108.73	ng	# 95

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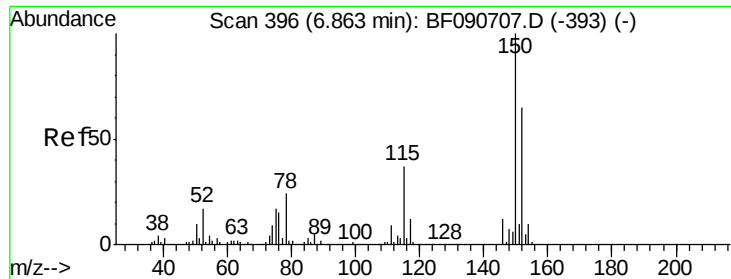
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	489850	51.80	nq	99
43) 2,4,5-Trichlorophenol	9.18	196	457727	47.69	nq	97
45) 1,1'-Biphenyl	9.32	154	1887744	42.56	nq	91
46) 2-Chloronaphthalene	9.35	162	1508384	45.76	nq	97
47) 2-Nitroaniline	9.45	65	334620	30.58	nq	83
48) Acenaphthylene	9.77	152	2238667	44.51	nq	94
49) Dimethylphthalate	9.63	163	1845733	52.01	nq	# 97
50) 2,6-Dinitrotoluene	9.69	165	373311	48.92	nq	# 58
51) Acenaphthene	9.94	154	1641277	49.15	nq	88
52) 3-Nitroaniline	9.86	138	95541	10.89	nq	# 66
53) 2,4-Dinitrophenol	9.97	184	358968m	81.36	nq	
54) Dibenzofuran	10.11	168	1989770	49.19	nq	# 87
55) 4-Nitrophenol	10.03	139	172419	35.55	nq	# 74
56) 2,4-Dinitrotoluene	10.10	165	563836	60.45	nq	# 96
57) Fluorene	10.45	166	1627449	48.55	nq	91
58) 2,3,4,6-Tetrachlorophenol	10.22	232	412988	54.84	nq	99
59) Diethylphthalate	10.33	149	1635237	44.43	nq	98
60) 4-Chlorophenyl-phenylether	10.44	204	753423	49.18	nq	89
61) 4-Nitroaniline	10.47	138	118195	13.30	nq	# 62
62) Azobenzene	10.60	77	1679287	38.96	nq	87
64) 4,6-Dinitro-2-methylphenol	10.50	198	245278	43.19	nq	91
65) n-Nitrosodiphenylamine	10.57	169	1386386	48.12	nq	90
66) 4-Bromophenyl-phenylether	10.93	248	506389	58.09	nq	95
67) Hexachlorobenzene	11.00	284	596184	57.95	nq	# 81
68) Atrazine	11.09	200	382934	48.16	nq	86
69) Pentachlorophenol	11.19	266	624159	91.20	nq	99
70) Phenanthrene	11.41	178	2172987m	47.41	nq	
71) Anthracene	11.46	178	2301062	45.27	nq	95
72) Carbazole	11.62	167	1973607	46.44	nq	# 92
73) Di-n-butylphthalate	11.95	149	2501322	45.37	nq	# 96
74) Fluoranthene	12.60	202	2220173	50.07	nq	87
76) Benzidine	12.73	184	49080	3.75	nq	# 94
77) Pyrene	12.83	202	2201831	53.49	nq	96
79) Butylbenzylphthalate	13.45	149	1081955	57.18	nq	96
80) Benzo(a)anthracene	14.01	228	1578699	48.95	nq	96
81) 3,3'-Dichlorobenzidine	13.97	252	71140	6.37	nq	# 97
82) Chrysene	14.05	228	1749958m	55.59	nq	
83) Bis(2-ethylhexyl)phthalate	14.01	149	1316317	48.62	nq	97
84) Di-n-octyl phthalate	14.61	149	1944404	47.32	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.88	276	1297500	47.25	nq	# 95
87) Benzo(b)fluoranthene	15.05	252	1346276	50.35	nq	# 88
88) Benzo(k)fluoranthene	15.07	252	1311922m	48.83	nq	
89) Benzo(a)pyrene	15.40	252	1219030	48.60	nq	# 87
90) Dibenzo(a,h)anthracene	16.89	278	1122515	46.61	nq	# 84
91) Benzo(g,h,i)perylene	17.30	276	1044047	44.69	nq	# 81

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:152 Resp: 273856

Ion Ratio Lower Upper

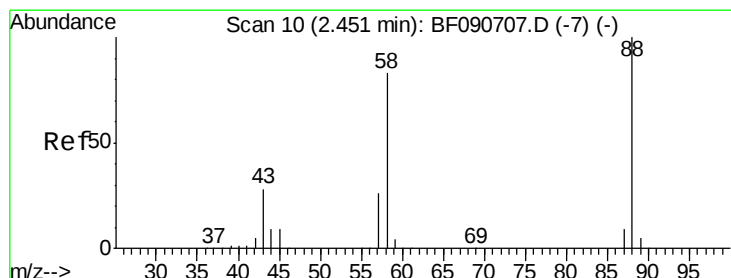
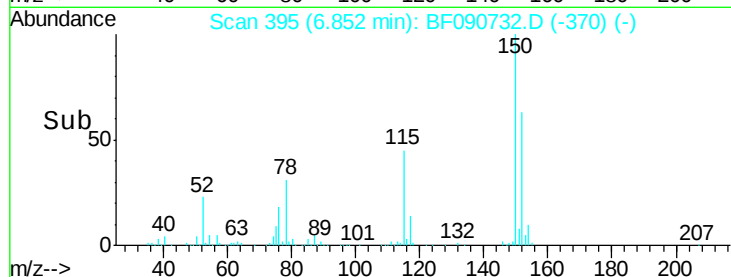
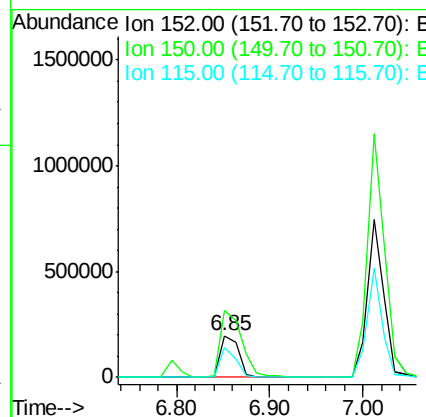
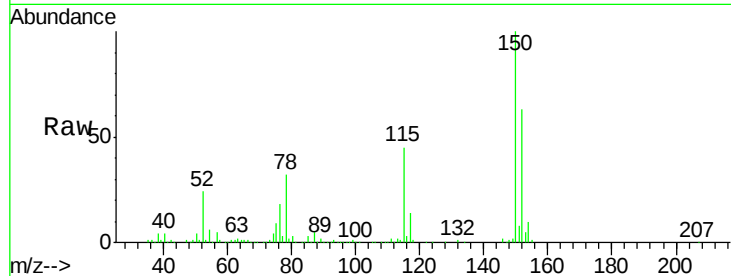
152 100

150 159.3 124.7 187.1

115 71.4 39.0 58.4#

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#2

1,4-Dioxane

Concen: 14.20 ng

RT: 2.58 min Scan# 21

Delta R.T. 0.09 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

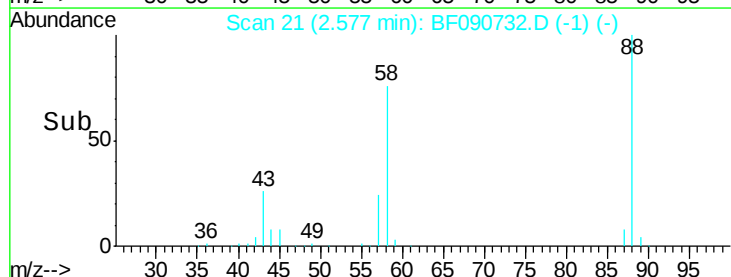
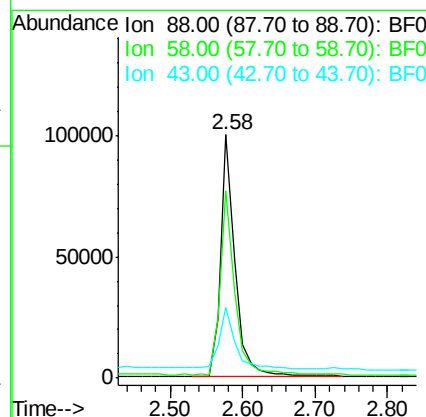
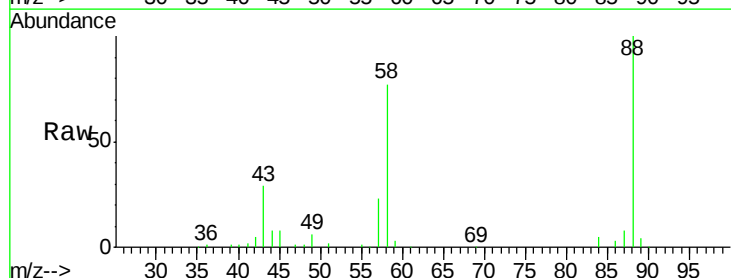
Tgt Ion: 88 Resp: 139495

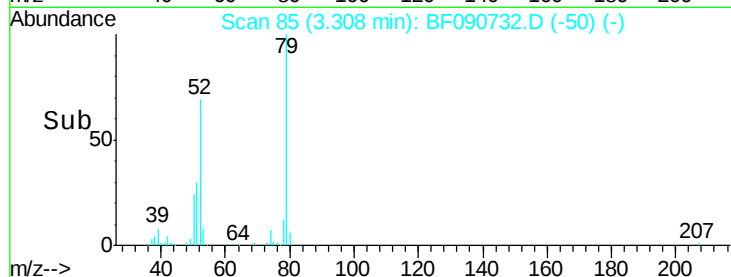
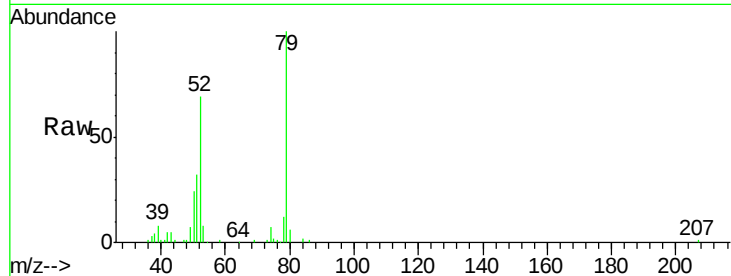
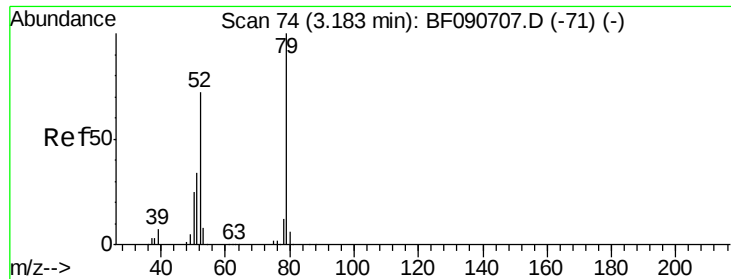
Ion Ratio Lower Upper

88 100

58 76.4 77.7 116.5#

43 27.2 26.6 40.0





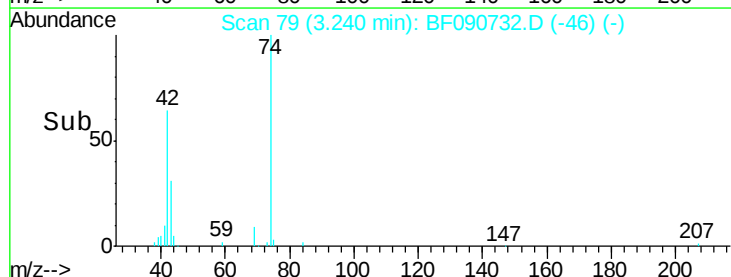
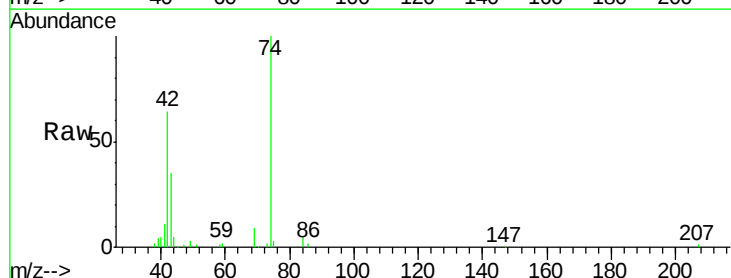
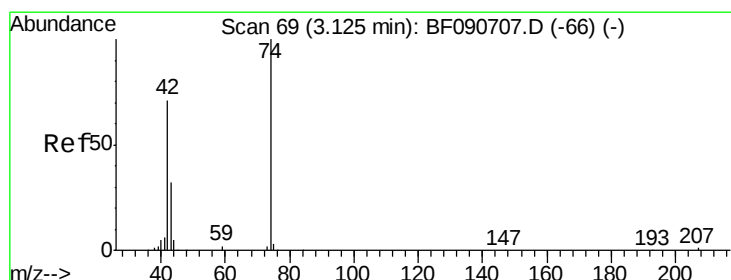
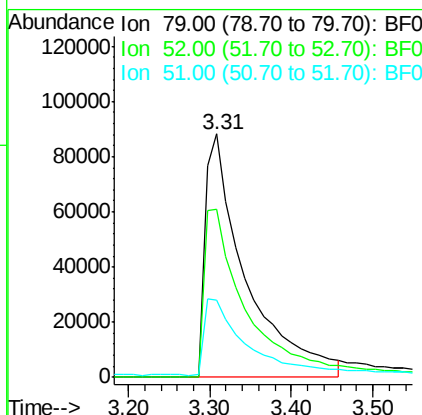
#3
 Pvridine
 Concen: 13.38 ng
 RT: 3.31 min Scan# 85
 Delta R.T. 0.10 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.9	76.8	115.2#
51	31.6	32.2	48.4#

Instrument :
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 ClientSampleId :
 MW-102DMS

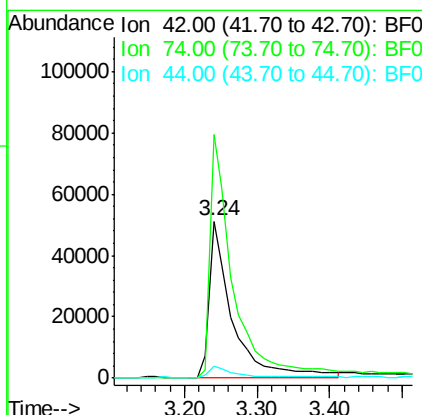
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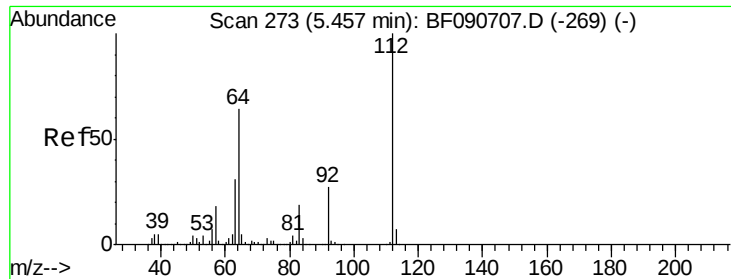
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#4
 n-Nitrosodimethylamine
 Concen: 14.68 ng
 RT: 3.24 min Scan# 79
 Delta R.T. 0.08 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.1	105.0	157.6
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 57.12 ng

RT: 5.47 min Scan# 274

Delta R.T. 0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

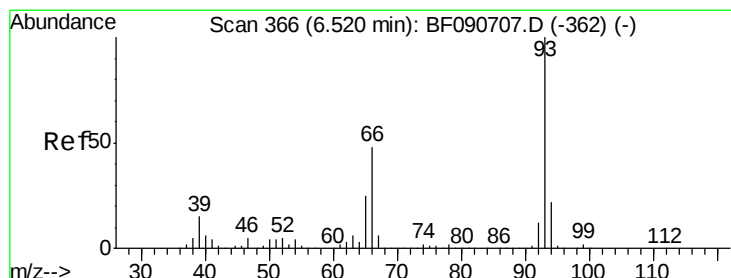
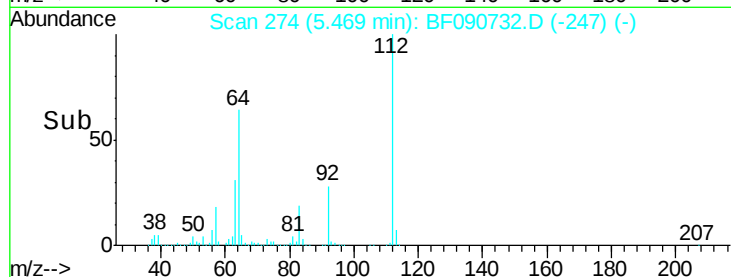
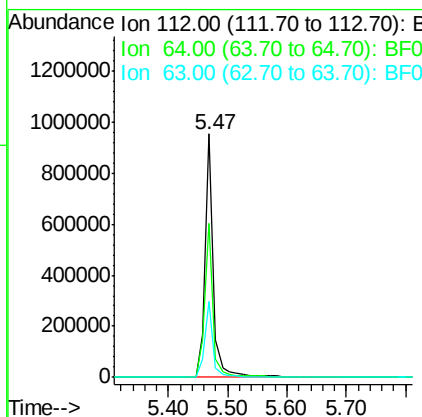
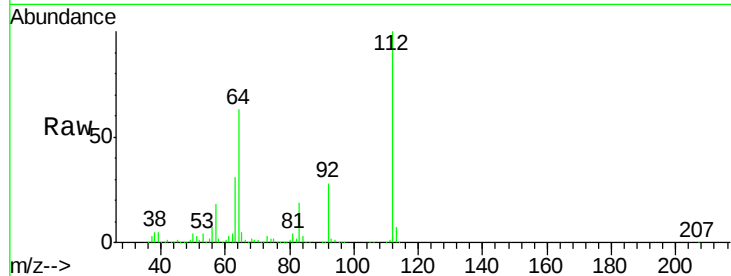
ClientSampleId :

MW-102DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		969920		
64	63.5	39.7	59.5#		
63	31.1	17.4	26.0#		

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#6

Aniline

Concen: 17.18 ng

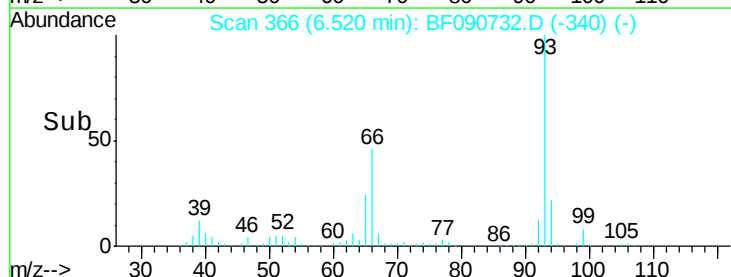
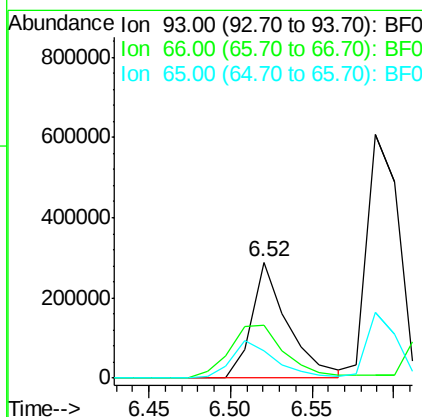
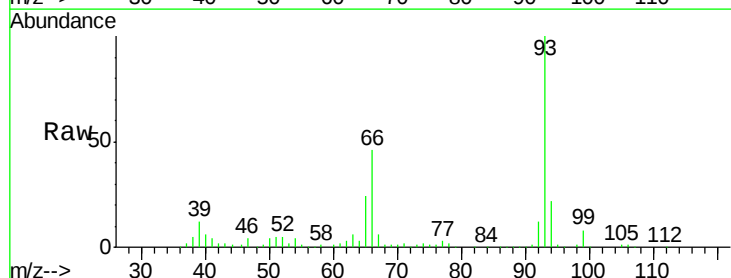
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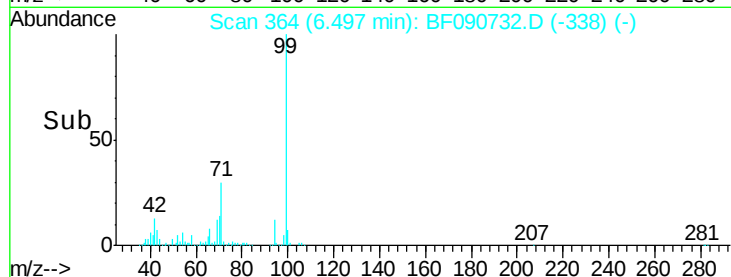
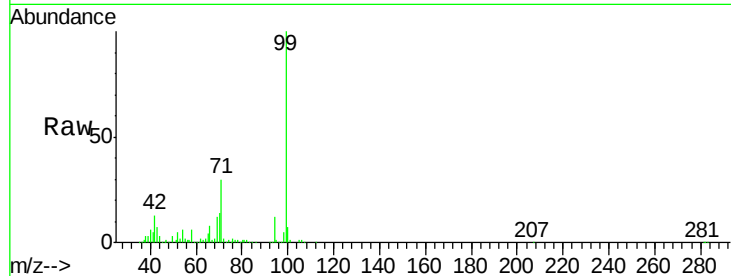
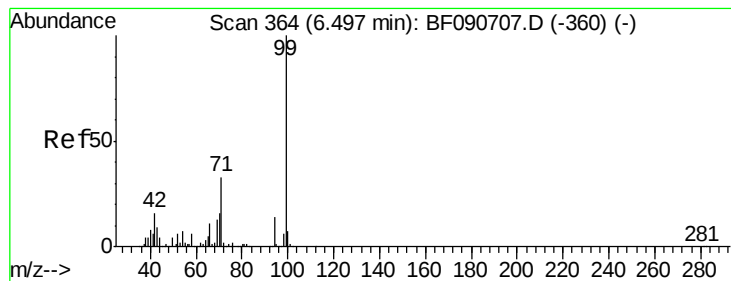
Delta R.T. 0.00 min

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		447972		
66	46.1	27.2	40.8#		
65	23.5	14.7	22.1#		





#7

Phenol-d6

Concen: 35.25 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tot Ion:	99	Resp:	810828
Ion Ratio	Lower	Upper	
99	100		
42	13.5	13.7	20.5#
71	29.9	14.2	21.2#

Instrument :

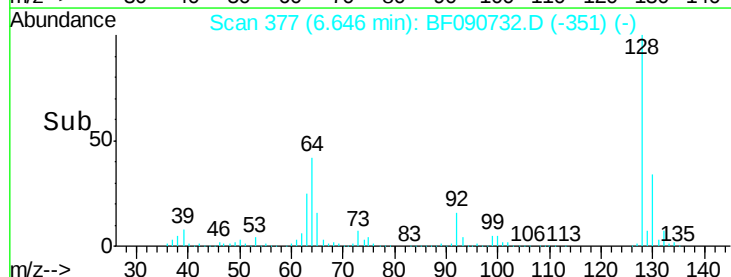
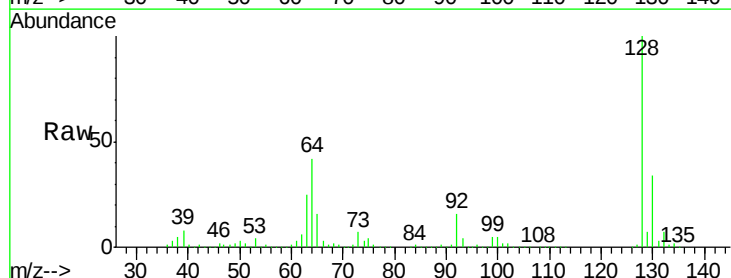
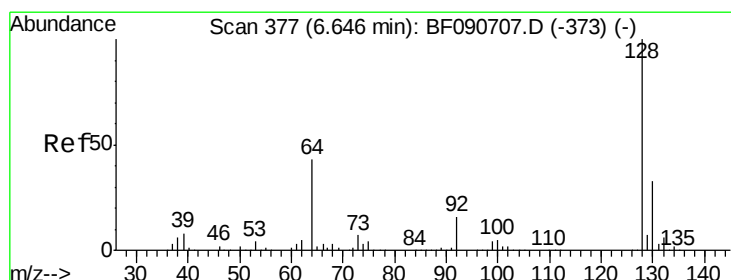
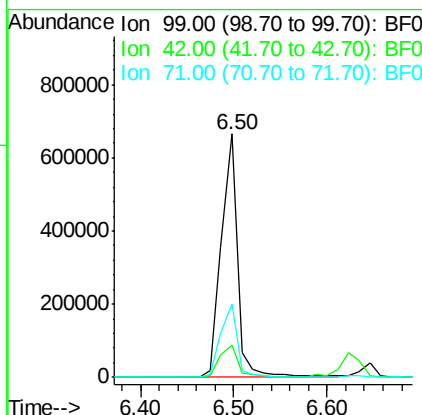
BNA_F

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#8

2-Chlorophenol

Concen: 35.11 ng

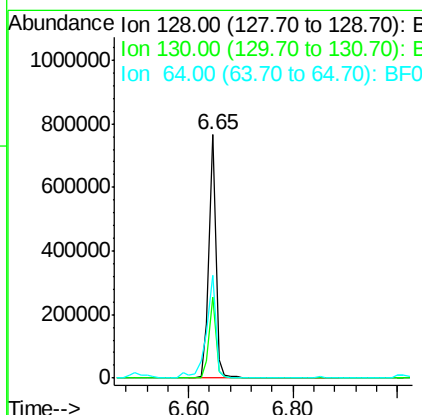
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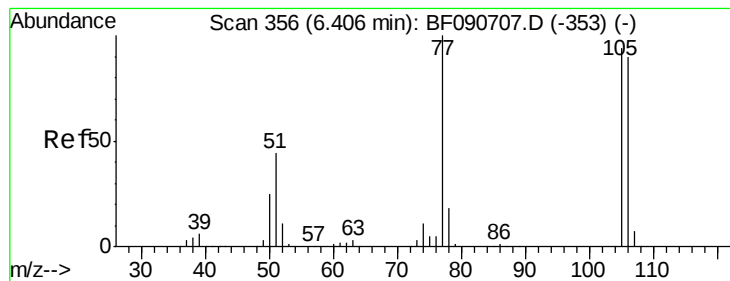
Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion:	128	Resp:	715593
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.2	52.2
64	42.4	20.5	60.5





#9

Benzaldehyde

Concen: 14.80 ng

RT: 6.41 min Scan# 356

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 77 Resp: 186091

Ion Ratio Lower Upper

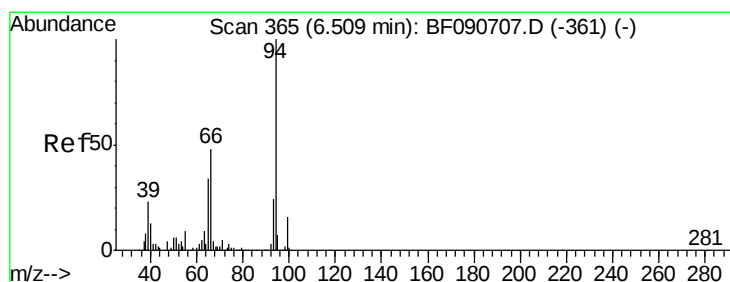
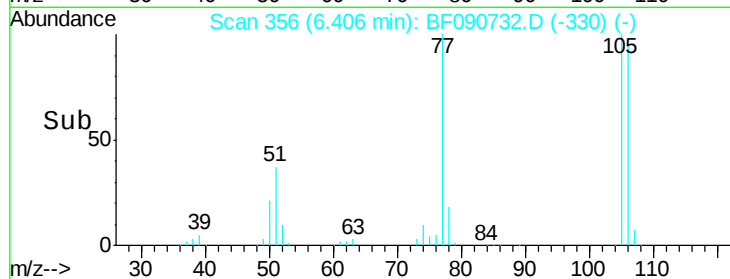
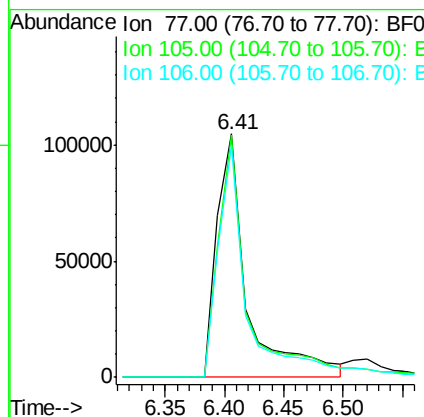
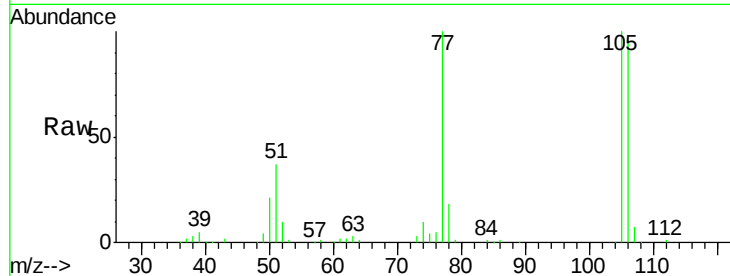
77 100

105 99.7 91.6 131.6

106 95.5 102.6 142.6#

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#10

Phenol

Concen: 13.52 ng

RT: 6.51 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

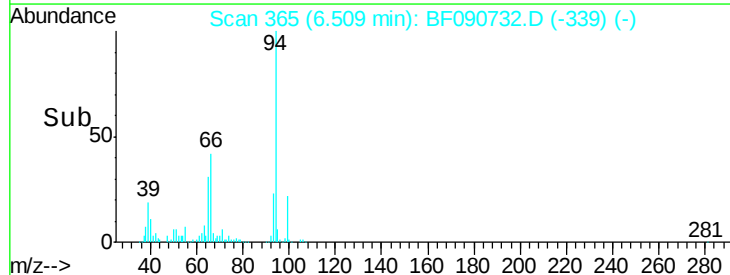
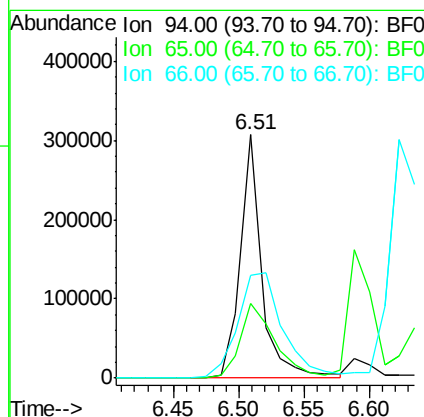
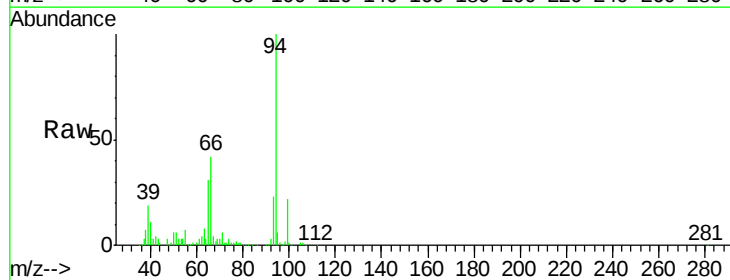
Tgt Ion: 94 Resp: 349640

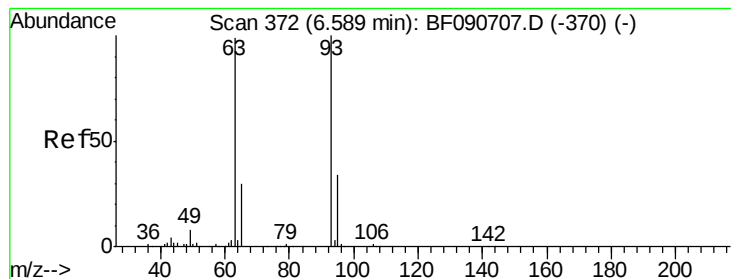
Ion Ratio Lower Upper

94 100

65 30.9 0.7 40.7

66 42.1 0.8 40.8#





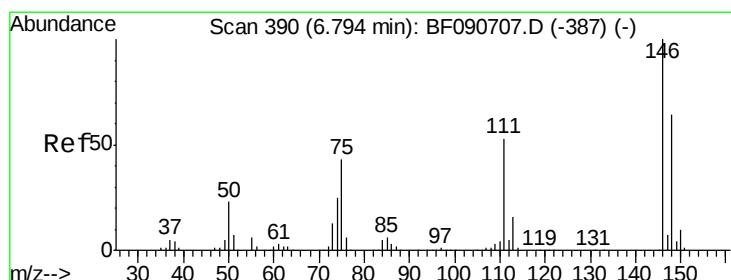
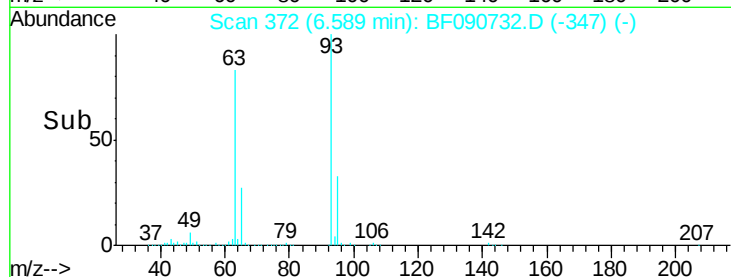
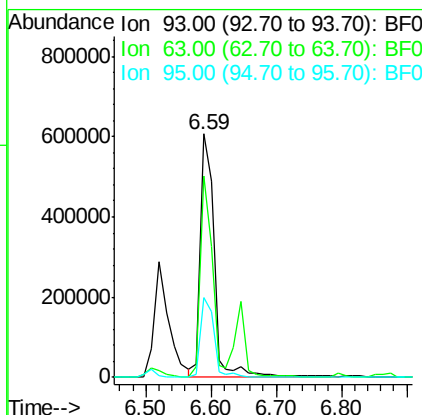
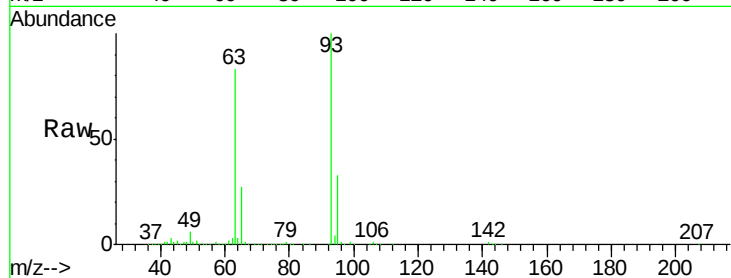
#11
bis(2-Chloroethyl)ether
Concen: 40.40 ng
RT: 6.59 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.5	65.6	105.6
95	32.7	13.6	53.6

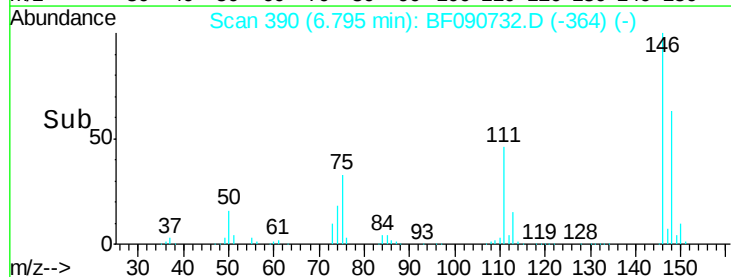
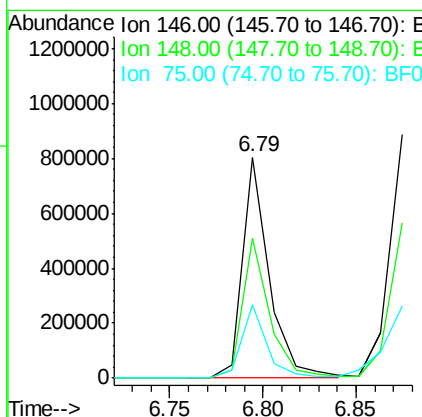
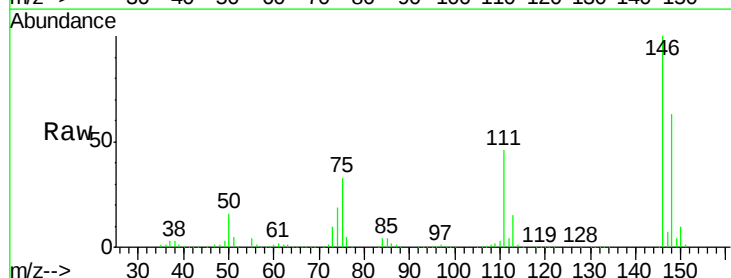
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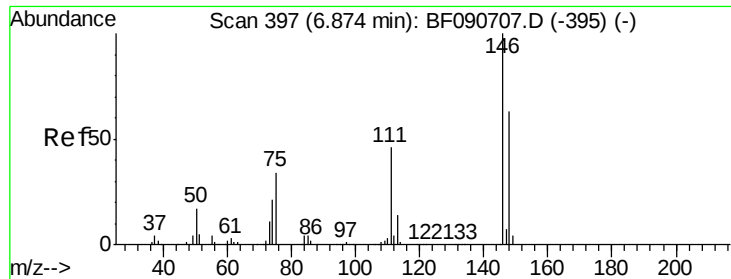
sohil
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#12
1,3-Dichlorobenzene
Concen: 39.30 ng
RT: 6.79 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.4
75	33.3	15.0	22.6





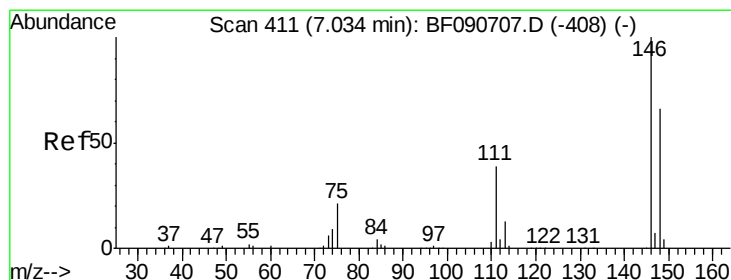
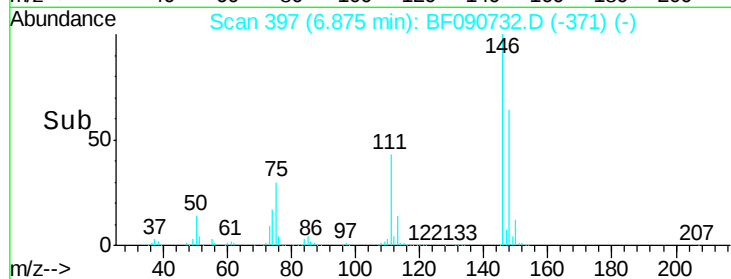
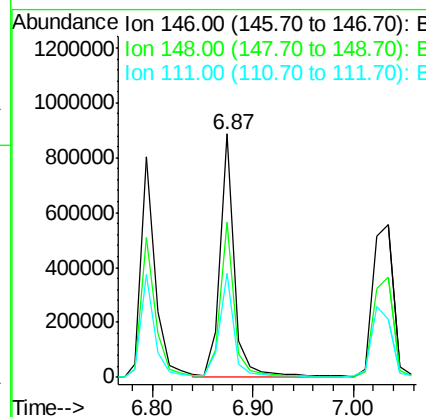
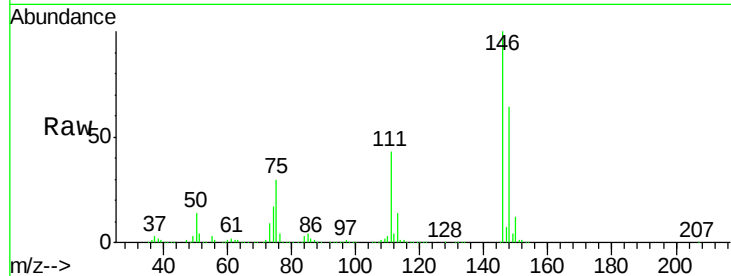
#13
 1,4-Dichlorobenzene
 Concen: 40.79 ng
 RT: 6.87 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	42.6	24.9	37.3

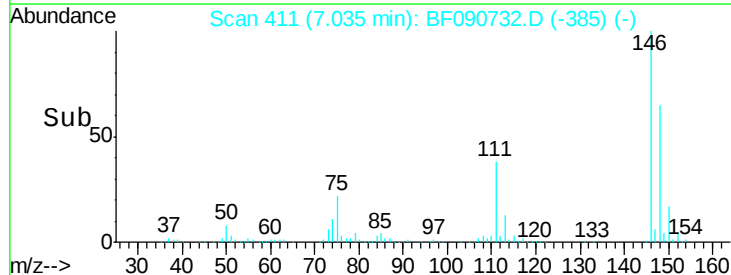
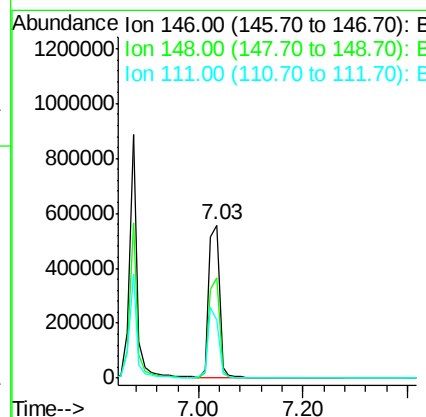
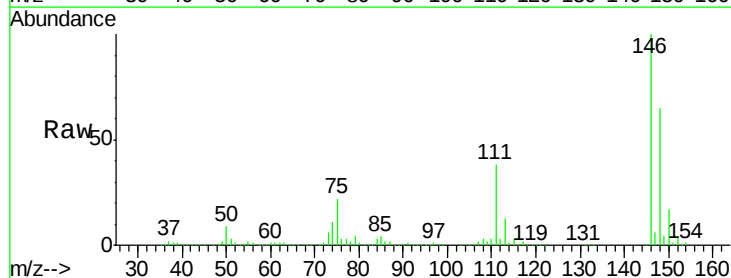
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#14
 1,2-Dichlorobenzene
 Concen: 38.30 ng
 RT: 7.03 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.7	79.1
111	37.5	28.8	43.2





#15

Benzyl Alcohol

Concen: 25.36 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleID :

MW-102DMS

Tot Ion: 79 Resp: 396139

Ion Ratio Lower Upper

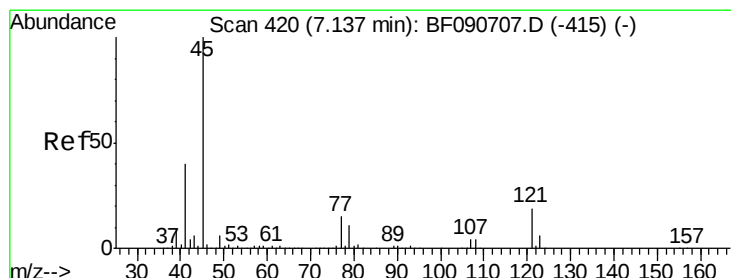
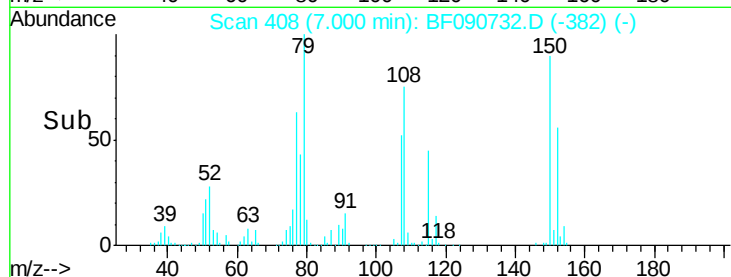
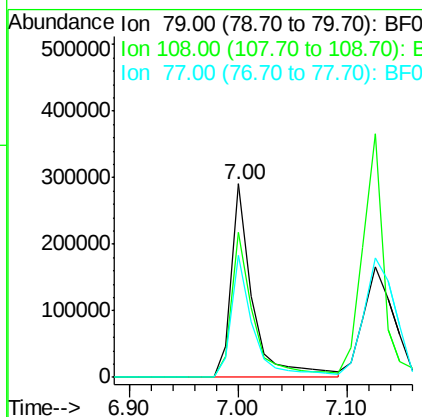
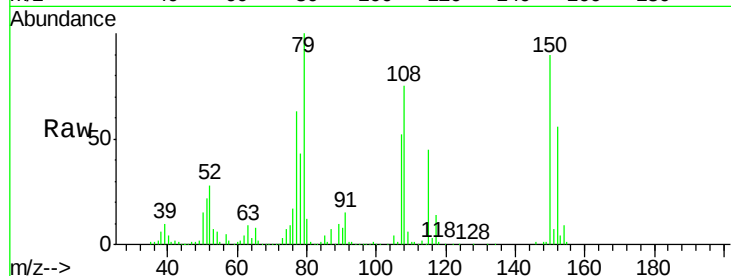
79 100

108 75.3 88.6 132.8#

77 62.9 47.0 70.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.79 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

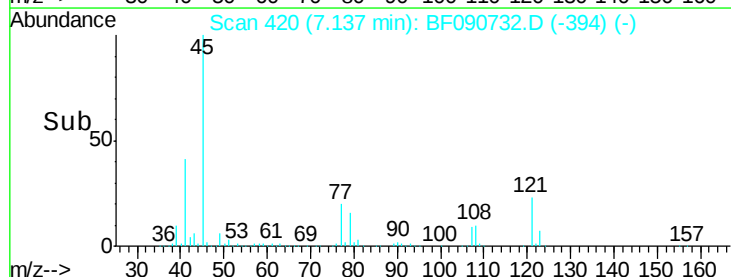
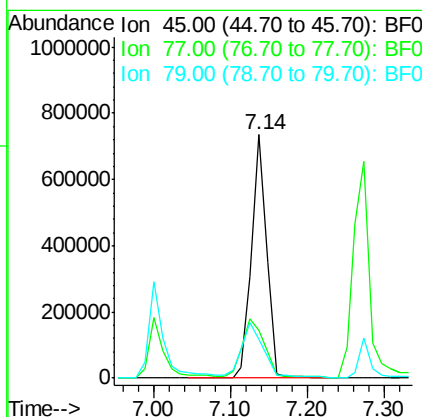
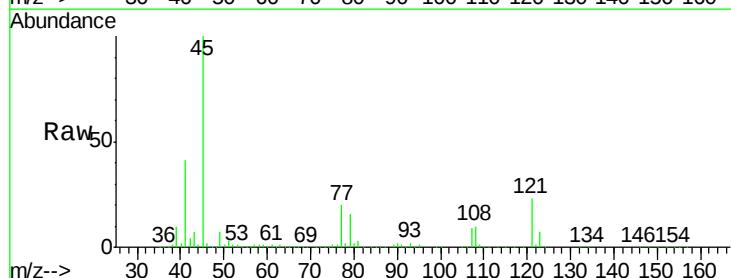
Tgt Ion: 45 Resp: 1001738

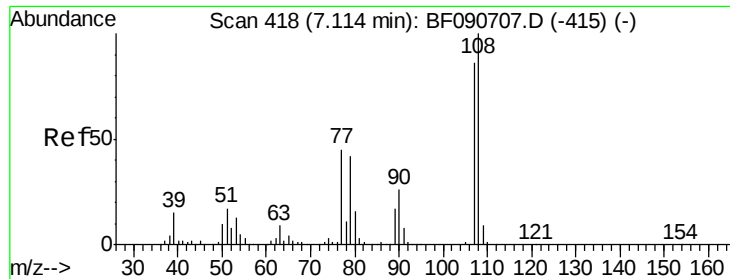
Ion Ratio Lower Upper

45 100

77 19.7 0.0 28.1

79 16.0 0.0 26.0





#17

2-Methylphenol

Concen: 28.83 ng

RT: 7.13 min Scan# 419

Delta R.T. 0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:107 Resp: 442757
Ion Ratio Lower Upper

107 100

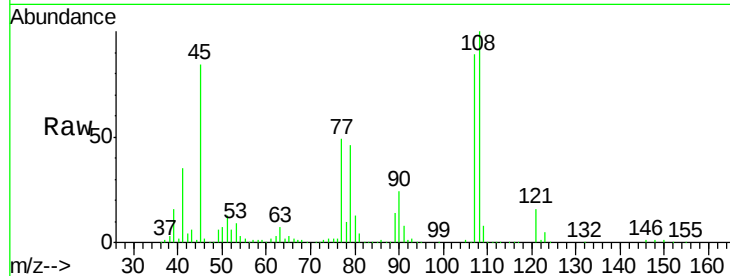
108 112.0 96.6 145.0

77 55.1 23.3 34.9#

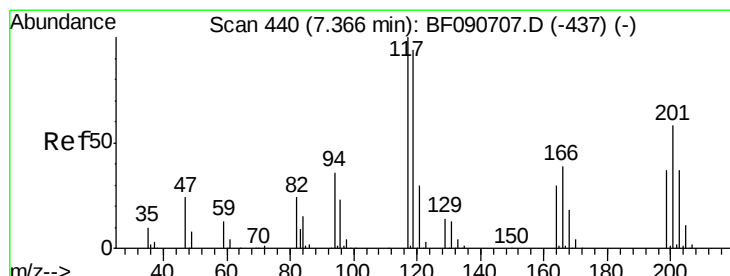
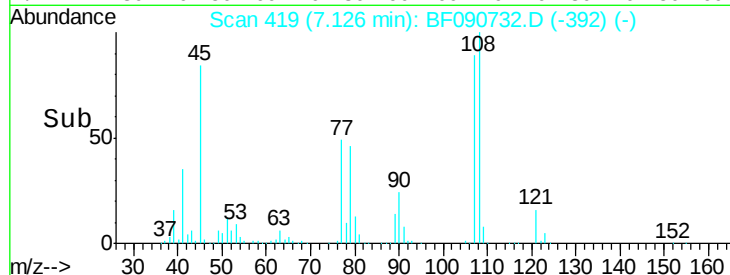
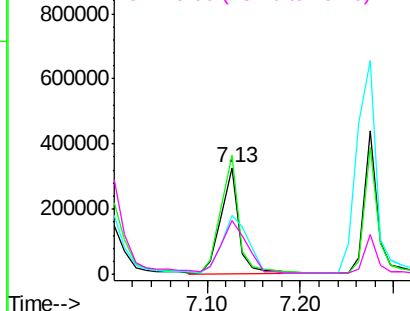
79 51.1 22.0 33.0#

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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: 36.76 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090732.D

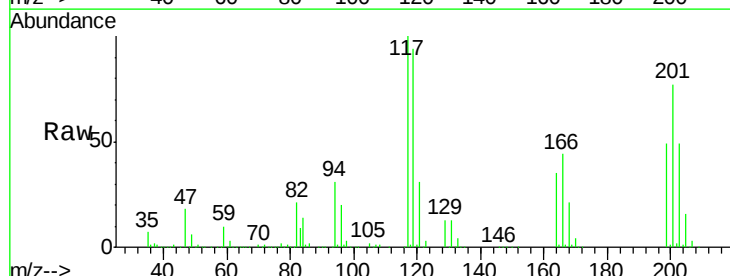
Acq: 22 Oct 2016 1:27

Tgt Ion:117 Resp: 324138
Ion Ratio Lower Upper

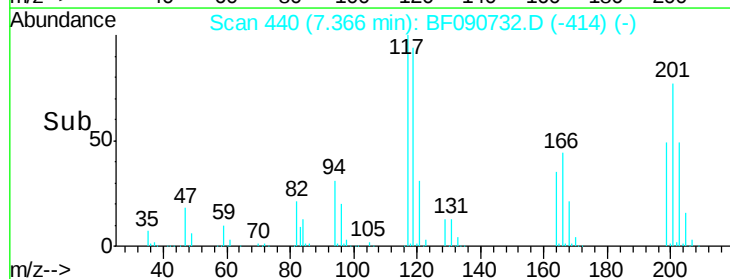
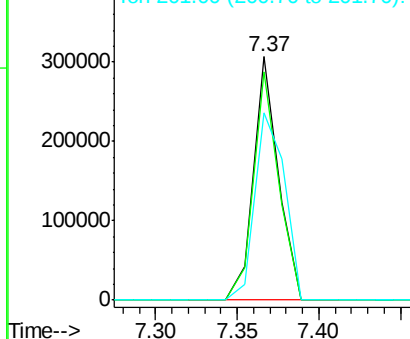
117 100

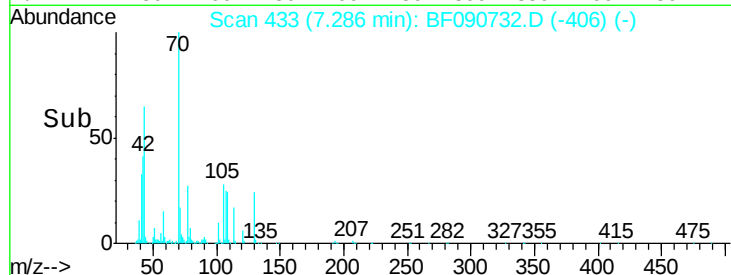
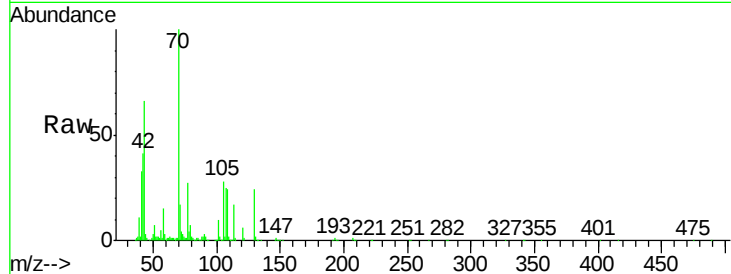
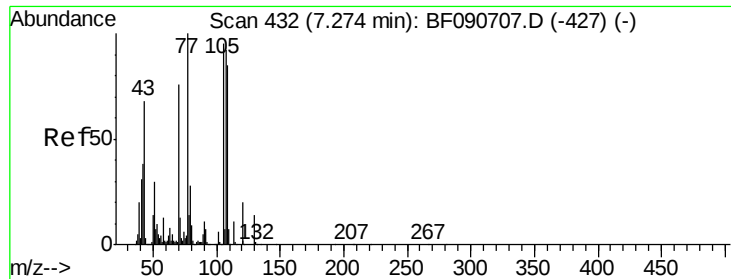
119 93.6 83.8 125.6

201 76.8 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





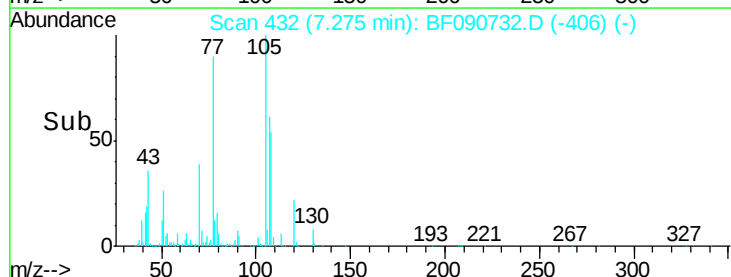
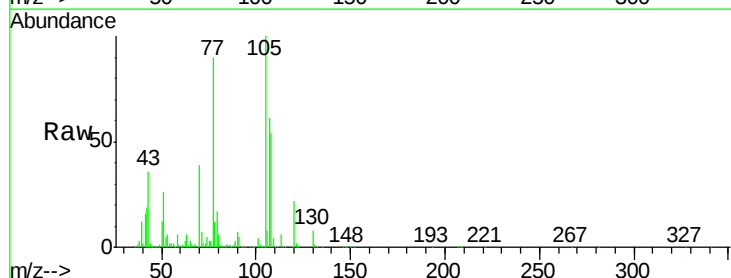
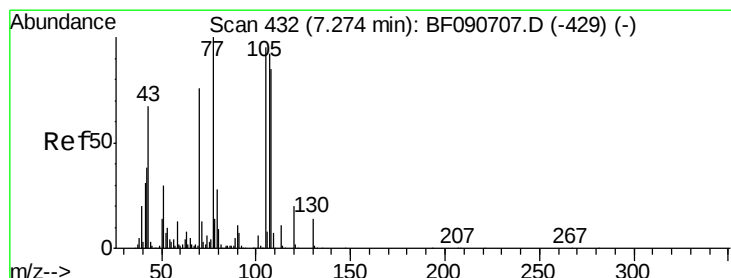
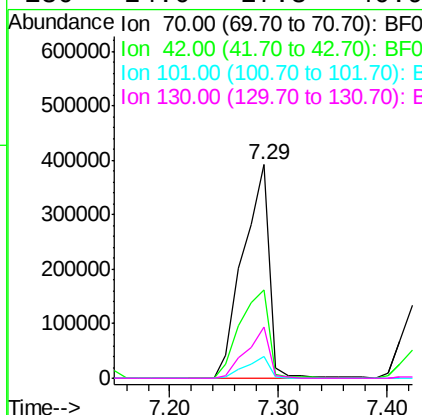
#19
n-Nitroso-di-n-propylamine
Concen: 38.13 ng
RT: 7.29 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.1	63.8	95.6#
101	10.0	9.2	13.8
130	24.0	27.3	40.9#

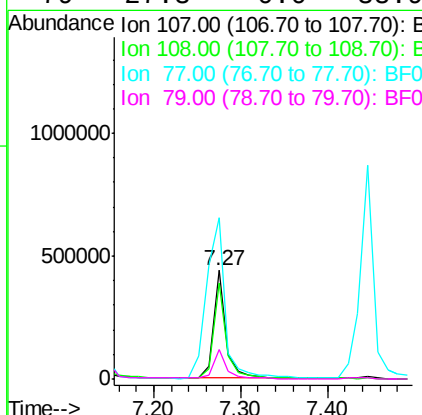
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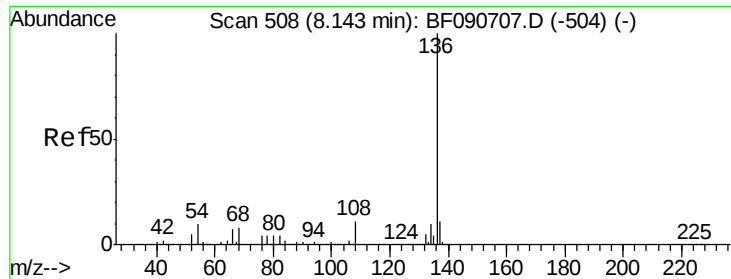
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#20
3+4-Methylphenols
Concen: 24.39 ng
RT: 7.27 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	74.6	114.6
77	148.8	0.7	40.7#
79	27.3	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: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:136 Resp: 1140245

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 8.6 8.2 12.2

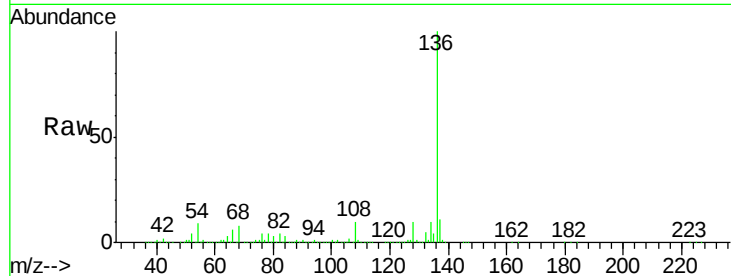
68 7.8 5.8 8.6

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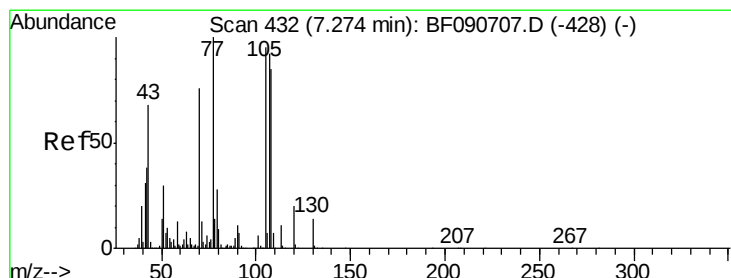
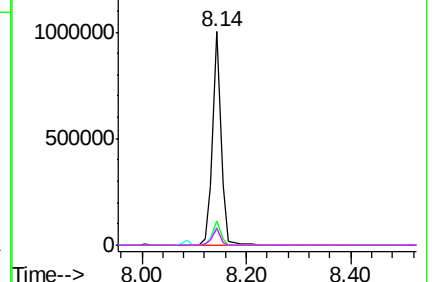
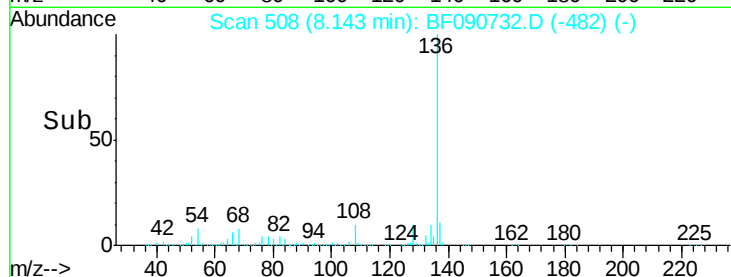
Abundance

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: 44.84 ng

RT: 7.27 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion:105 Resp: 1139347

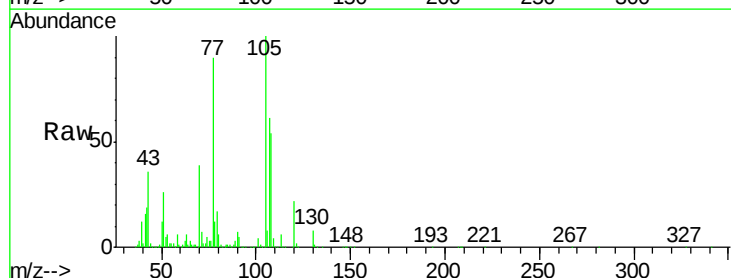
Ion Ratio Lower Upper

105 100

71 6.6 4.7 7.1

51 26.0 22.0 33.0

120 22.4 30.1 45.1#



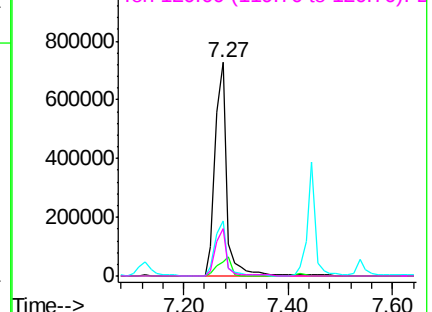
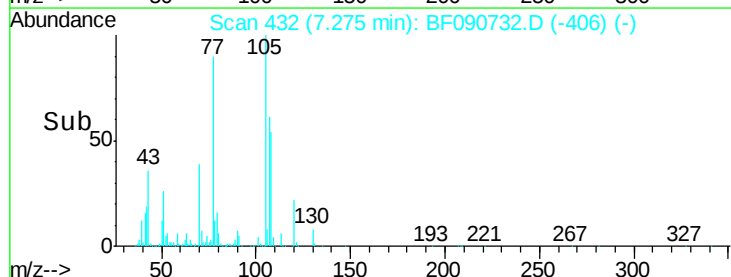
Abundance

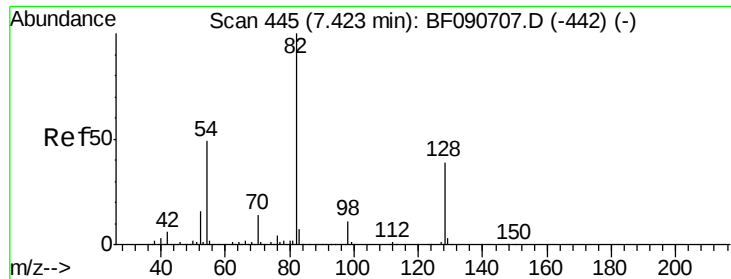
Ion 105.00 (104.70 to 105.70): E

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





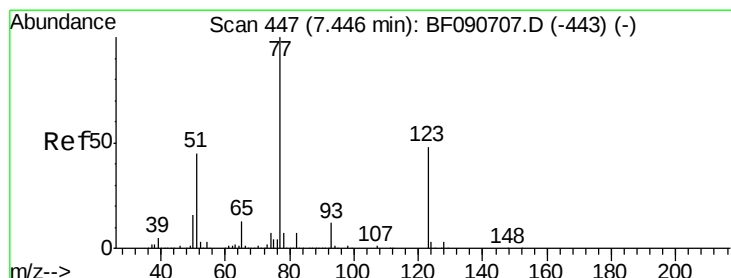
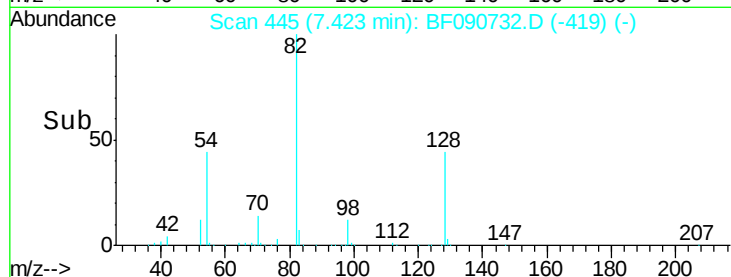
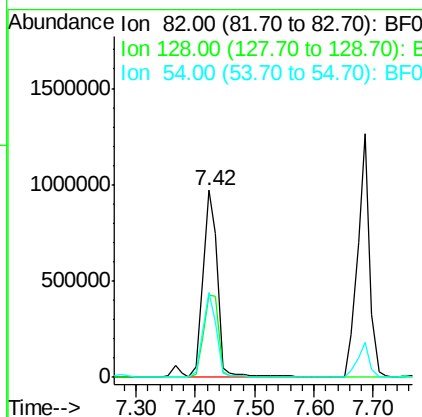
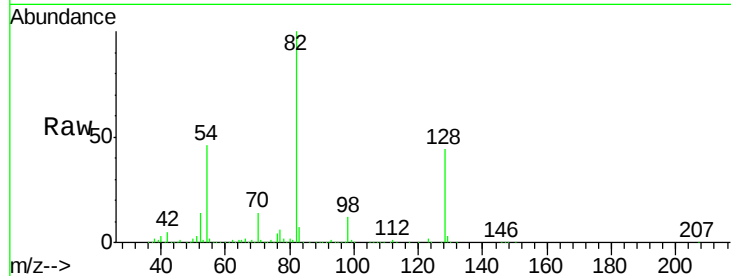
#23
 Nitrobenzene-d5
 Concen: 81.18 ng
 RT: 7.42 min Scan# 445
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion	82	Resp	1687696
Ion Ratio	100		
Lower			
Upper			
82	100		
128	44.3	51.0	76.6#
54	45.6	47.5	71.3#

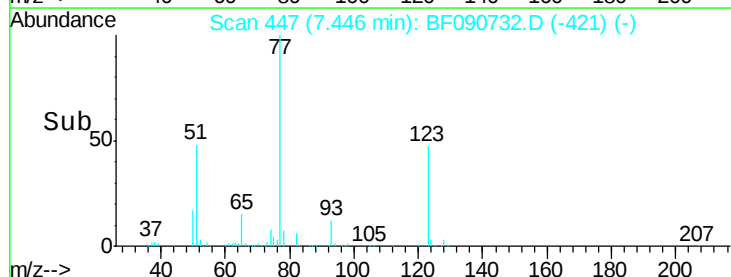
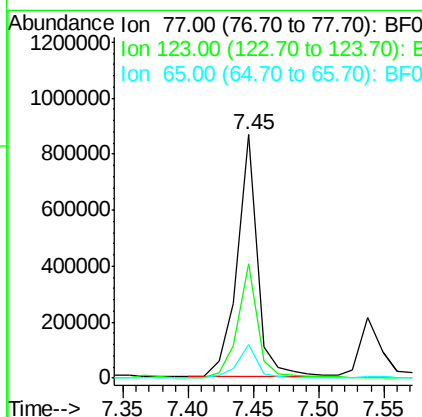
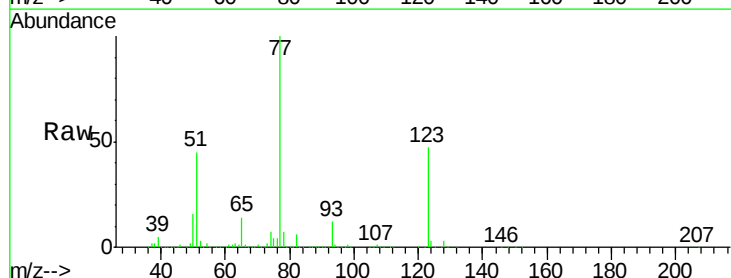
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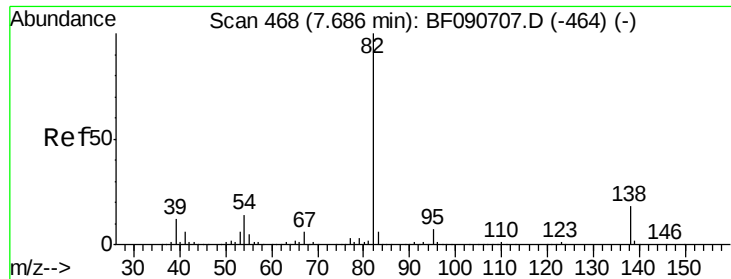
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#24
 Nitrobenzene
 Concen: 41.63 ng
 RT: 7.45 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	77	Resp	938161
Ion Ratio	100		
Lower			
Upper			
77	100		
123	46.9	59.8	89.8#
65	13.6	10.2	15.4





#25

Isophorone

Concen: 44.11 ng

RT: 7.69 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion: 82 Resp: 1736082

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

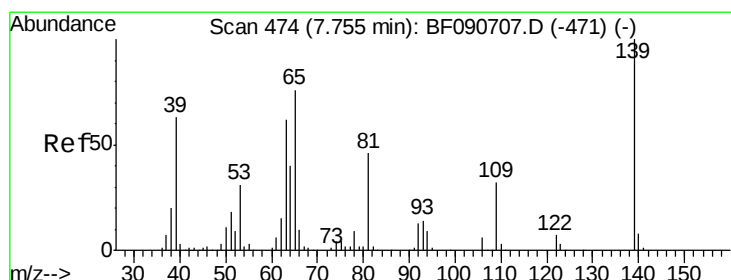
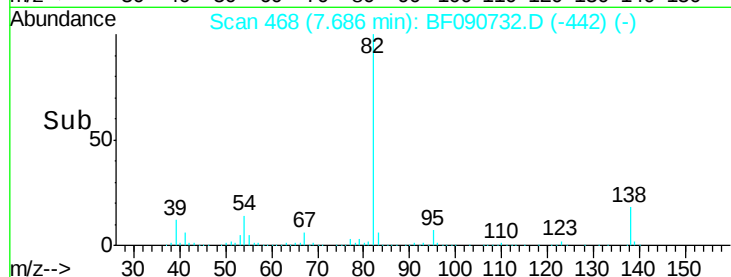
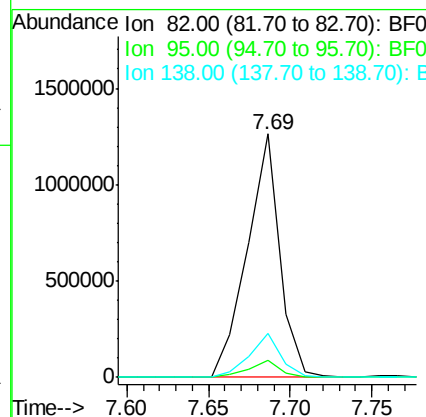
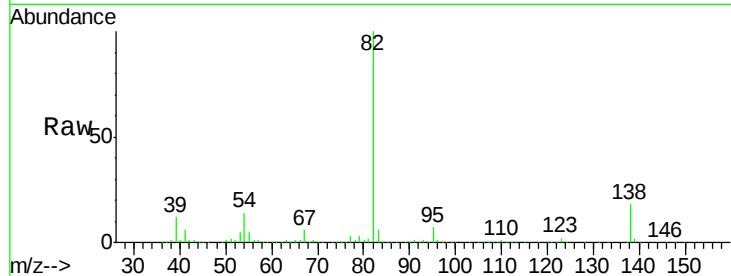
138 18.1 18.3 27.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.32 ng

RT: 7.77 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

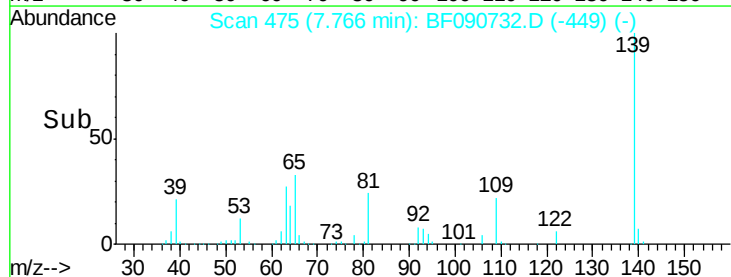
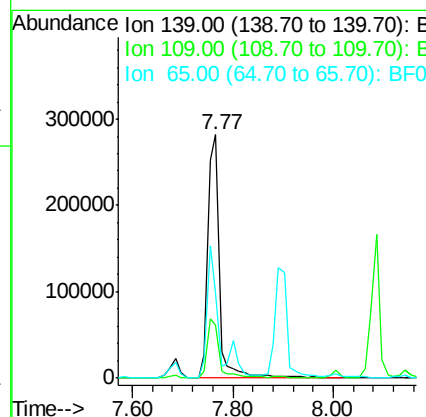
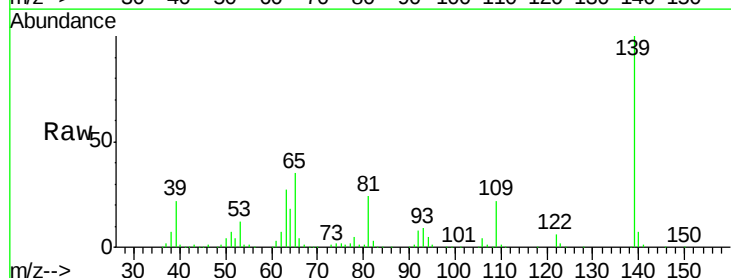
Tgt Ion: 139 Resp: 454092

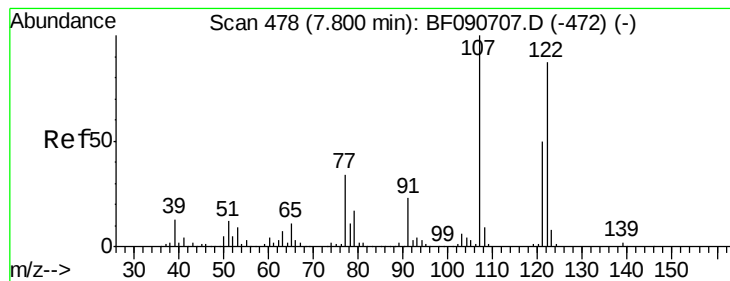
Ion Ratio Lower Upper

139 100

109 21.8 11.0 16.4#

65 35.0 24.7 37.1





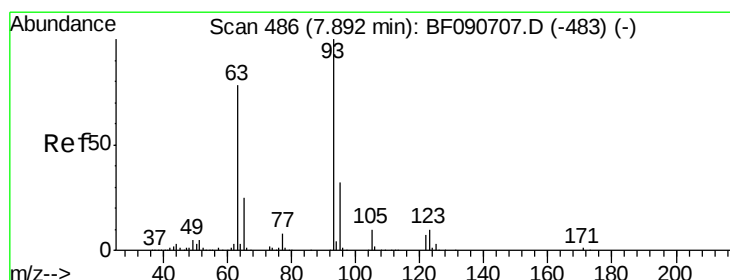
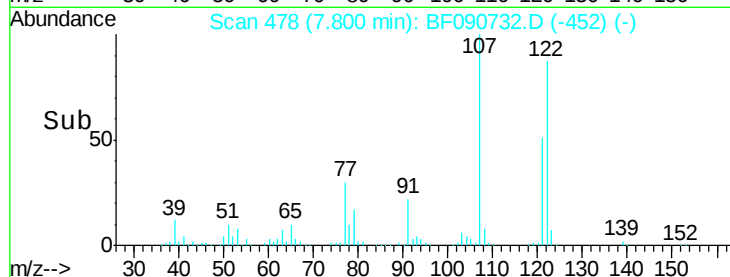
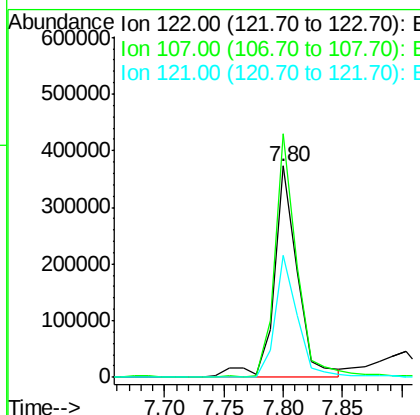
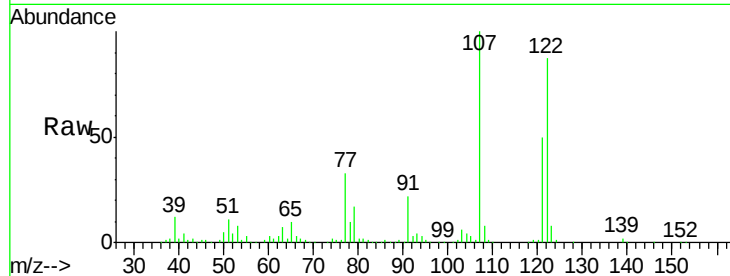
#27
 2,4-Dimethylphenol
 Concen: 31.30 ng
 RT: 7.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.4	71.8	107.6#
121	58.0	42.3	63.5

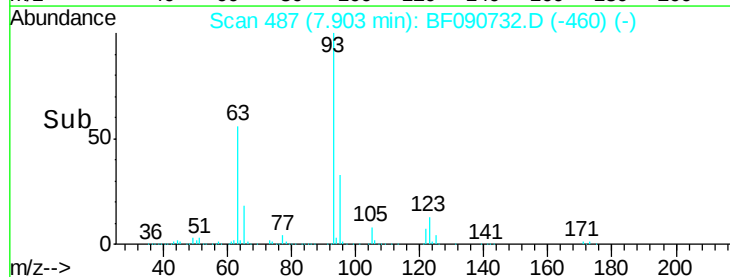
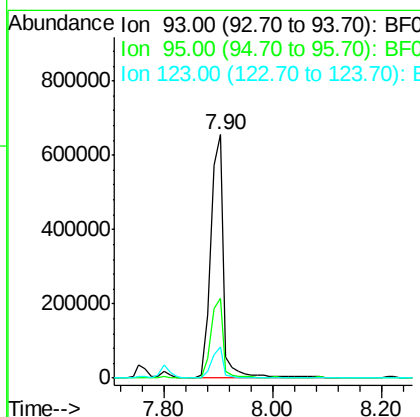
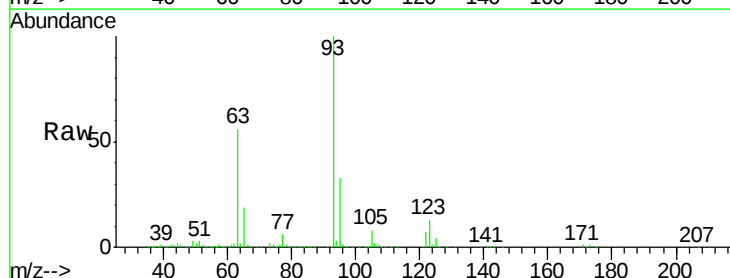
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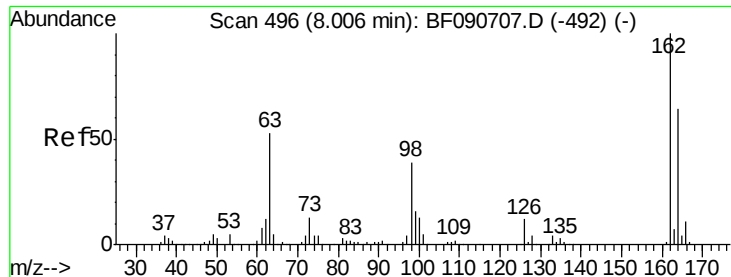
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.80 ng
 RT: 7.90 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.5	41.3
123	12.9	13.7	20.5#





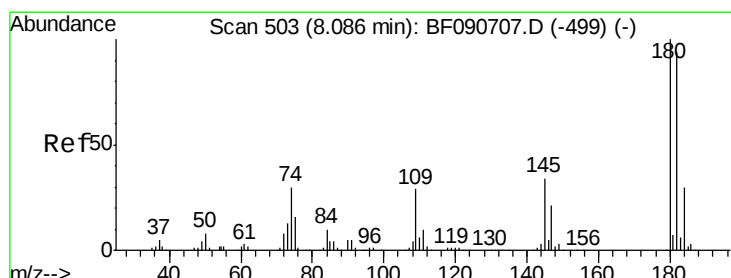
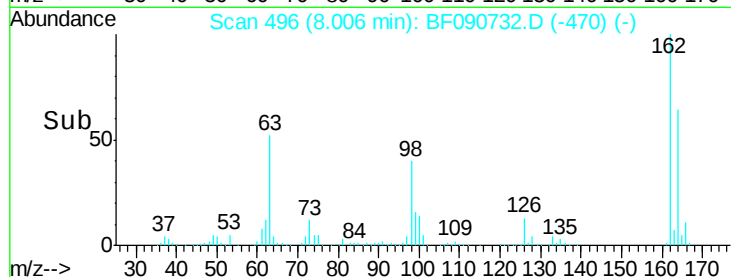
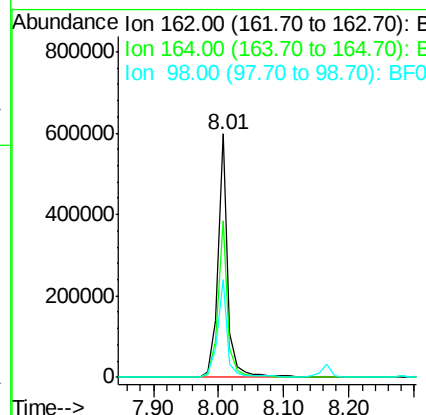
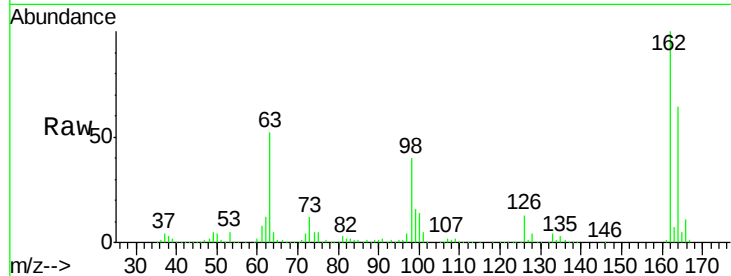
#29
2,4-Dichlorophenol
Concen: 48.22 ng
RT: 8.01 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	44.9	84.9
98	40.0	13.0	53.0

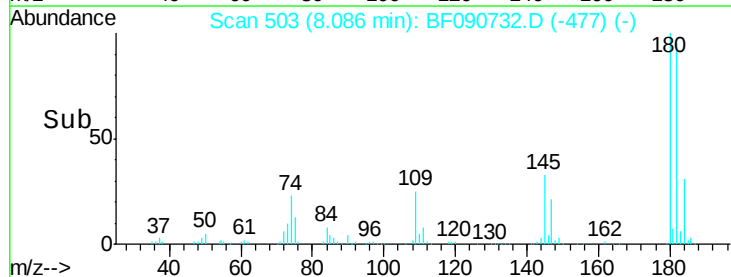
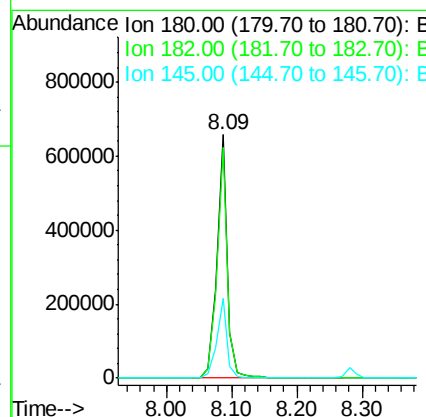
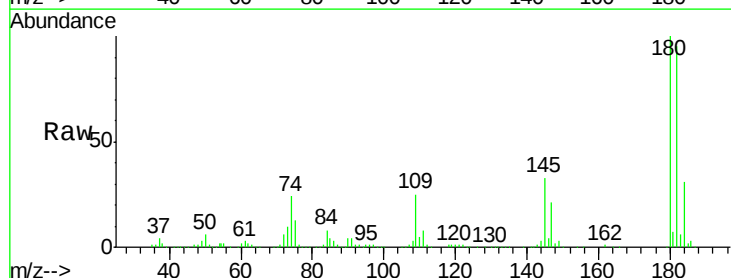
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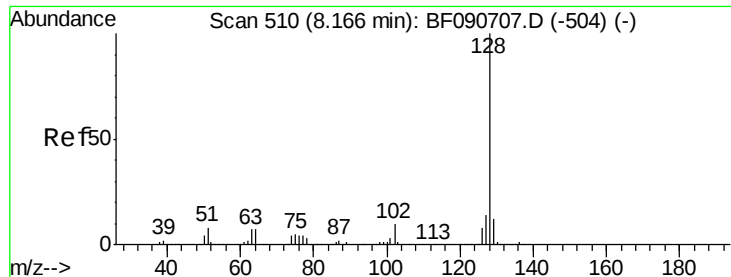
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#30
1,2,4-Trichlorobenzene
Concen: 47.24 ng
RT: 8.09 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.6	77.1	115.7
145	32.8	23.3	34.9





#31

Naphthalene

Concen: 42.57 ng

RT: 8.17 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:128 Resp: 2374359

Ion Ratio Lower Upper

128 100

129 12.1 8.4 12.6

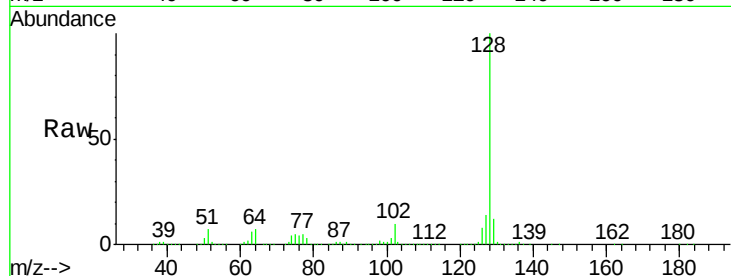
127 14.1 9.9 14.9

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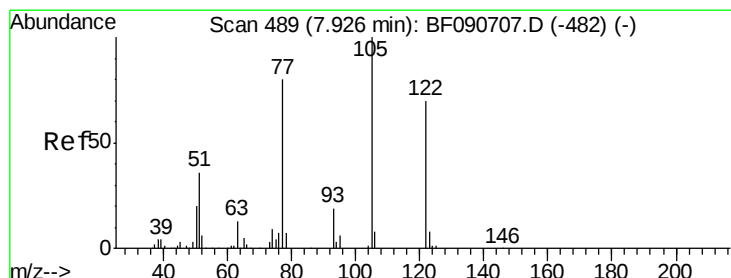
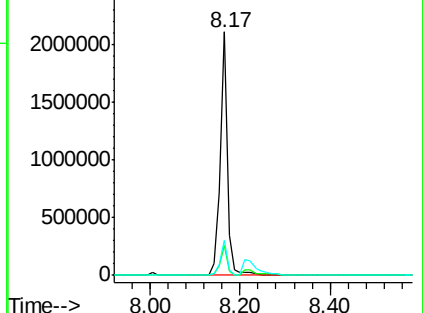
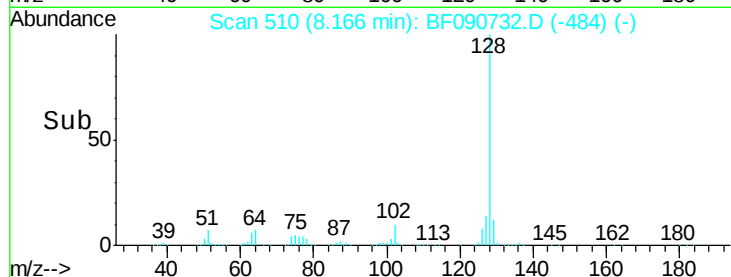
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.28 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.03 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

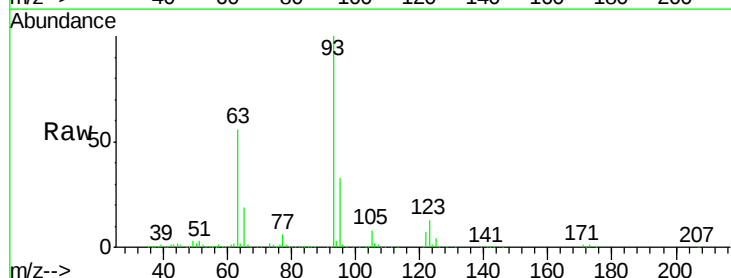
Tgt Ion:122 Resp: 132931

Ion Ratio Lower Upper

122 100

105 115.3 76.1 116.1

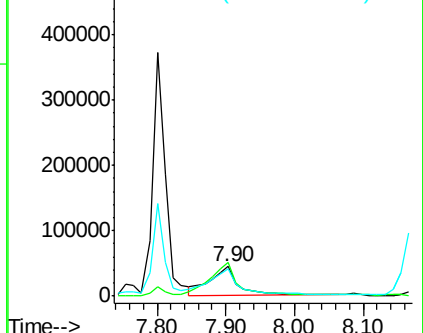
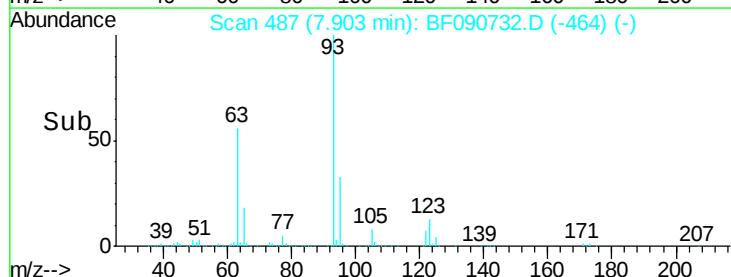
77 92.5 40.5 80.5#

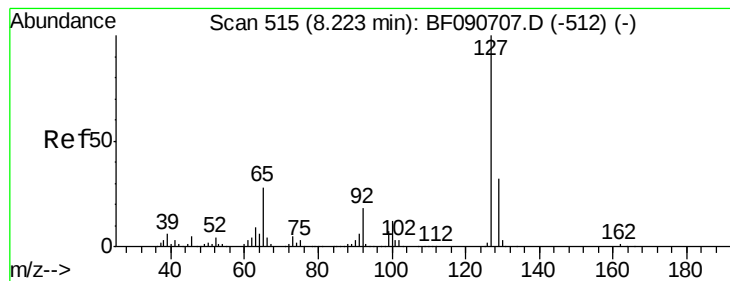


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 14.83 ng

RT: 8.21 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

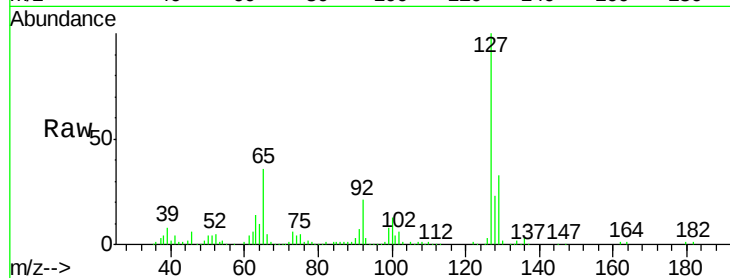
ClientSampleId :

MW-102DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	25.8	38.6		
65	35.5	17.9	26.9		
92	20.5	10.5	15.7		

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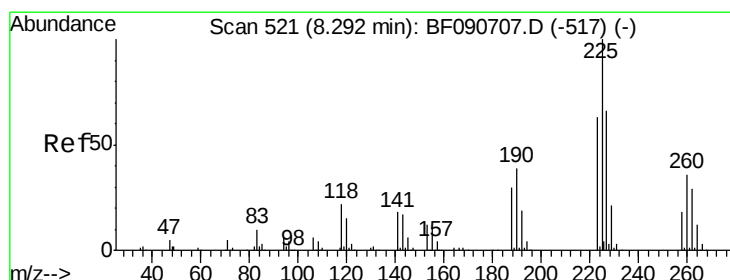
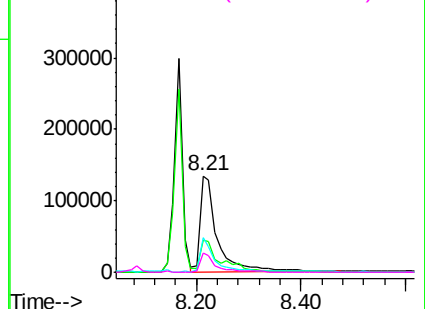
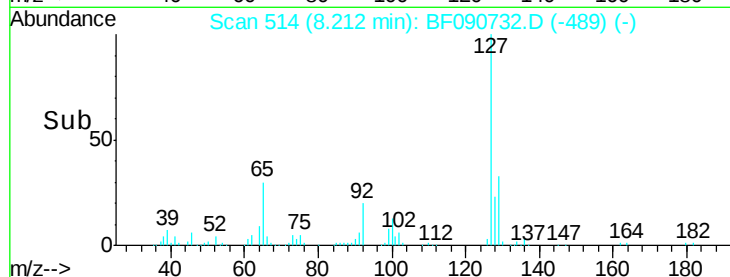


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.42 ng

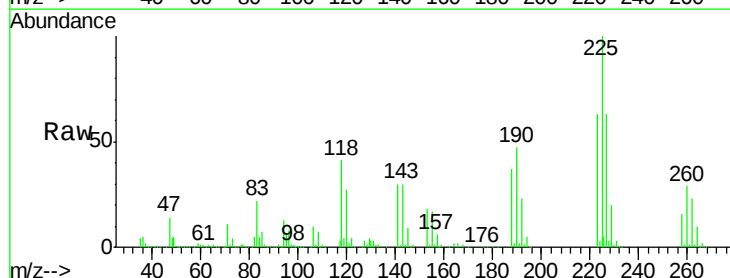
RT: 8.28 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

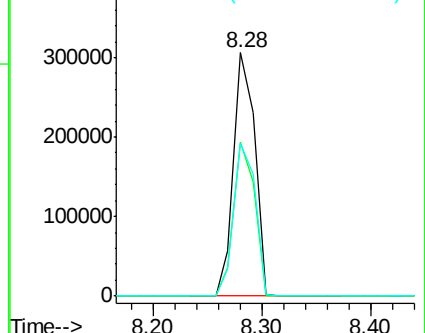
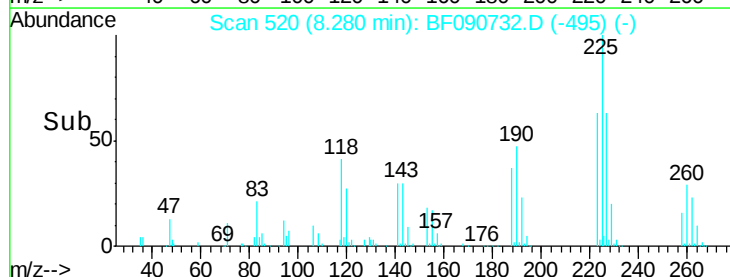
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	50.2	75.2		
227	62.7	52.2	78.2		

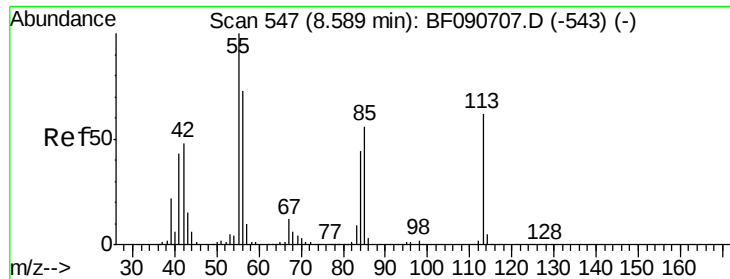


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.86 ng

RT: 8.60 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

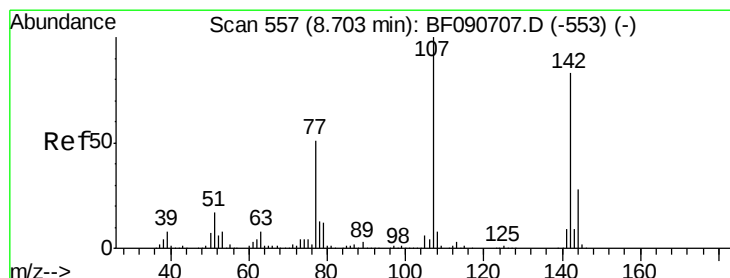
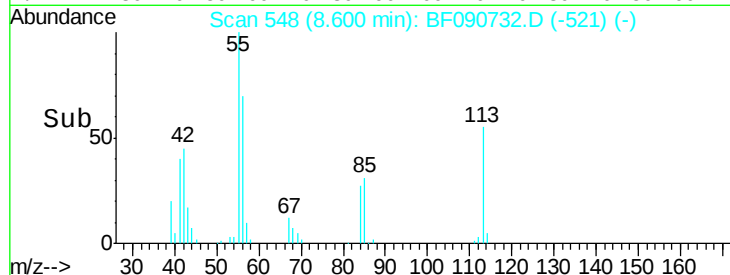
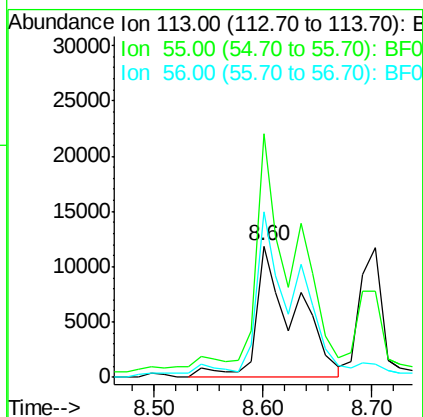
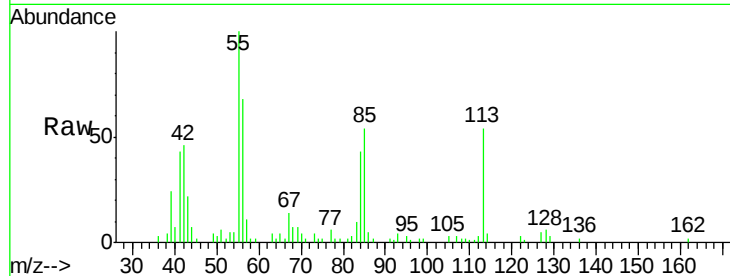
ClientSampleId :

MW-102DMS

Tot Ion:	113	Resp:	30089
Ion Ratio	Lower	Upper	
113	100		
55	185.0	152.4	192.4
56	126.2	104.6	144.6

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#36

4-Chloro-3-methylphenol

Concen: 38.96 ng

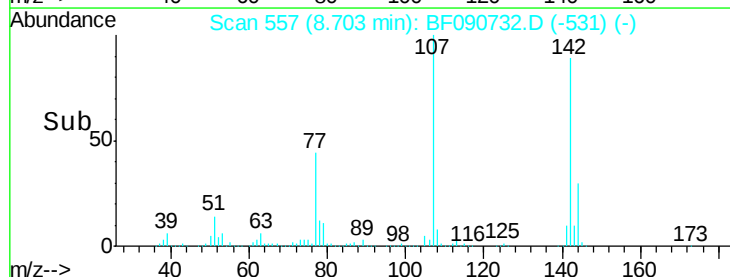
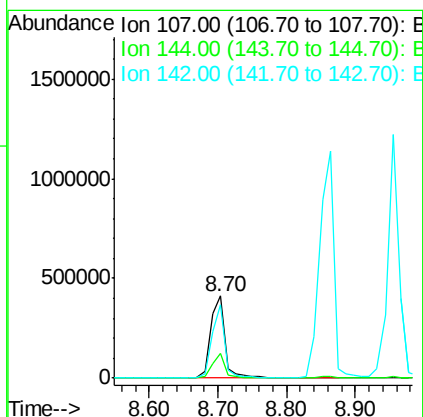
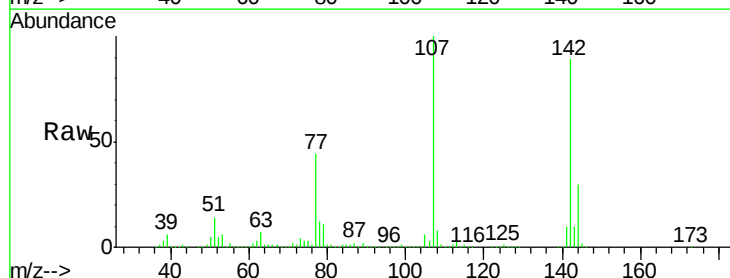
RT: 8.70 min Scan# 557

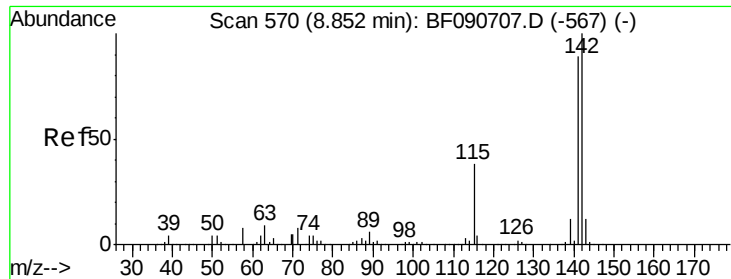
Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion:	107	Resp:	607169
Ion Ratio	Lower	Upper	
107	100		
144	29.6	25.4	38.0
142	89.1	77.3	115.9





#37

2-Methylnaphthalene

Concen: 48.90 ng

RT: 8.86 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:142 Resp: 1593945

Ion Ratio Lower Upper

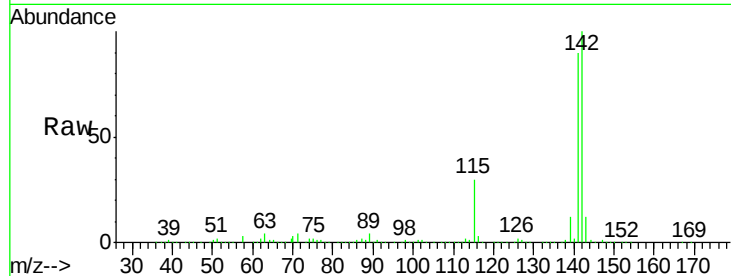
142 100

141 90.2 67.5 101.3

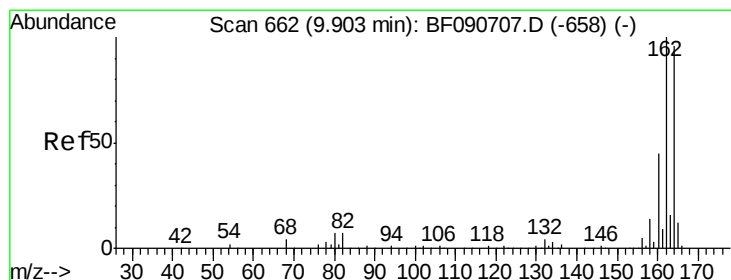
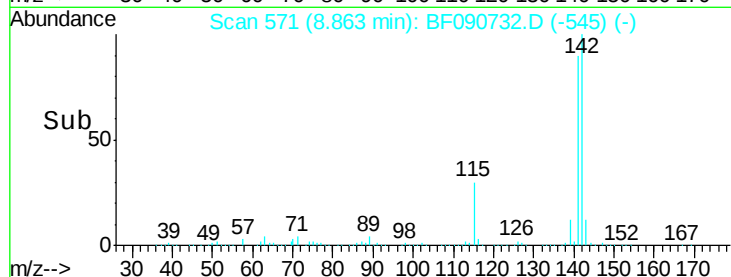
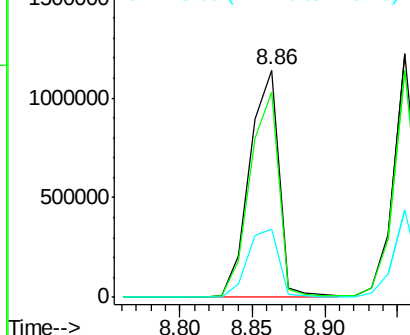
115 30.3 18.2 27.2#

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

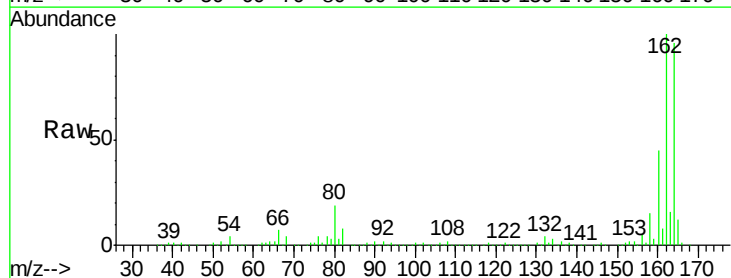
Tgt Ion:164 Resp: 564758

Ion Ratio Lower Upper

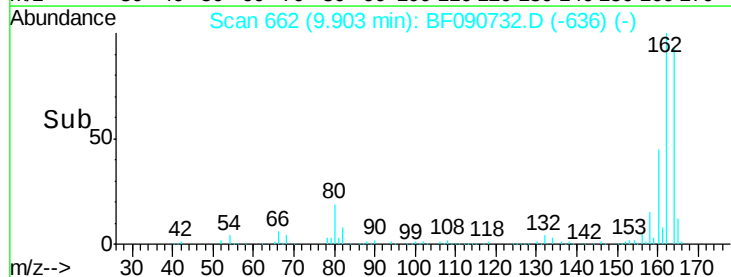
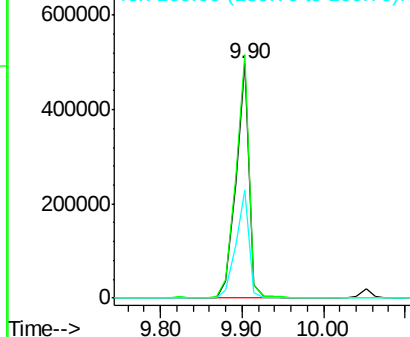
164 100

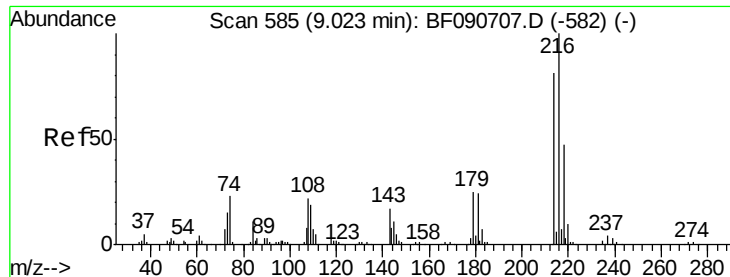
162 104.0 75.2 112.8

160 46.3 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.26 ng

RT: 9.02 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

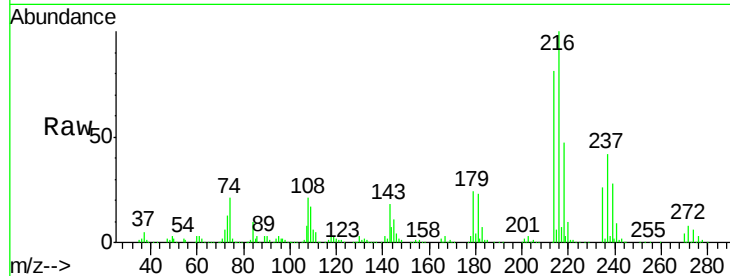
ClientSampleId :

MW-102DMS

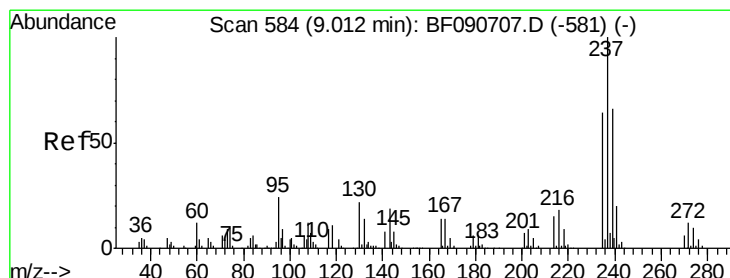
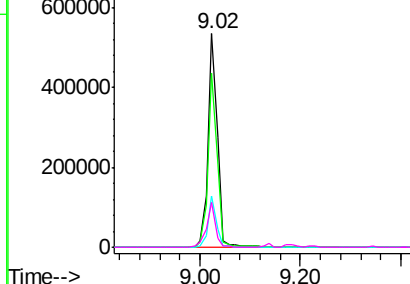
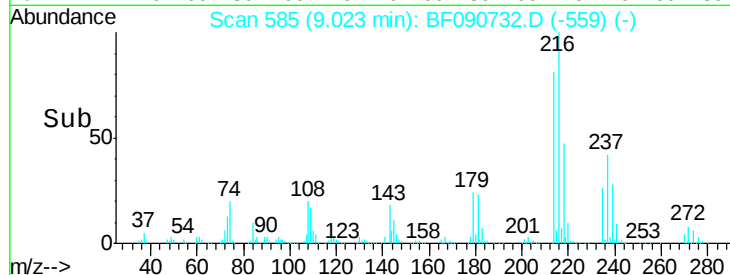
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		690197		
214	79.6		63.5	95.3	
179	21.5		16.6	24.8	
108	19.3		16.3	24.5	

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



#40

Hexachlorocyclopentadiene

Concen: 108.73 ng

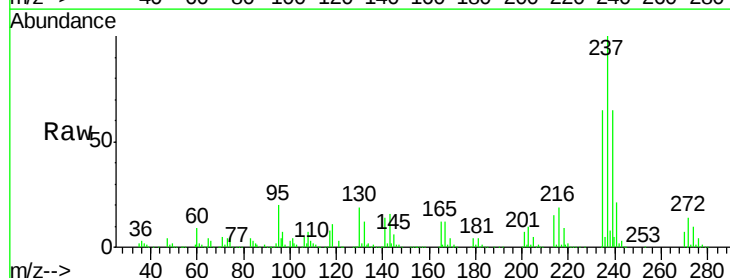
RT: 9.01 min Scan# 584

Delta R.T. 0.00 min

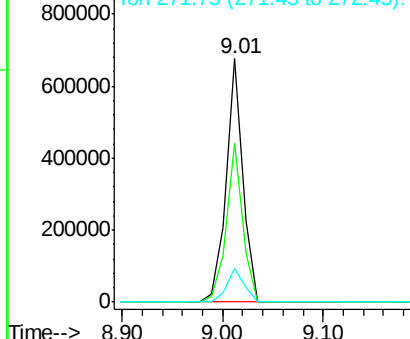
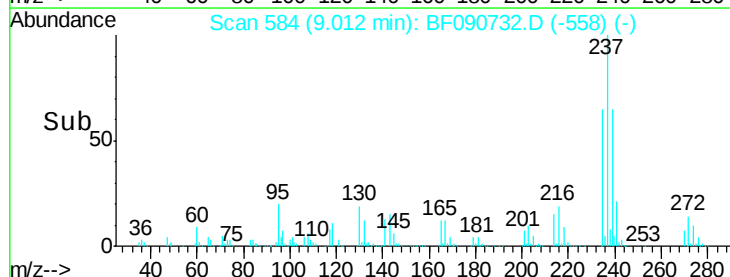
Lab File: BF090732.D

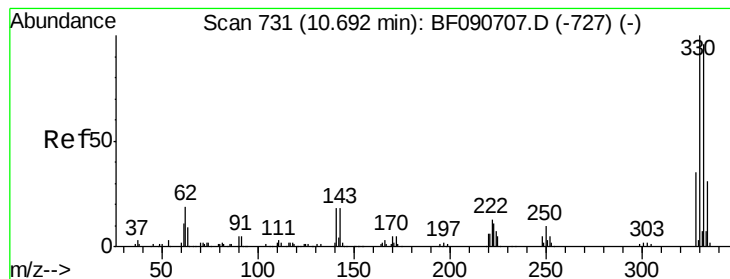
Acq: 22 Oct 2016 1:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		778443		
235	65.3		42.0	82.0	
272	13.6		0.0	36.1	



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





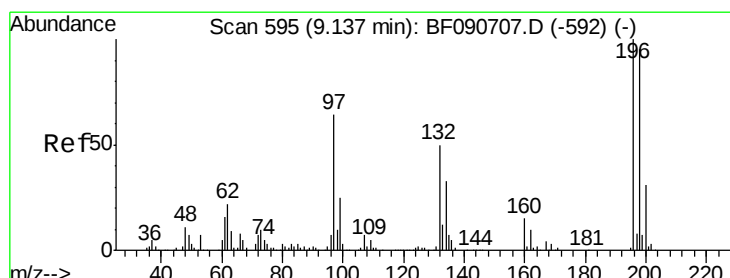
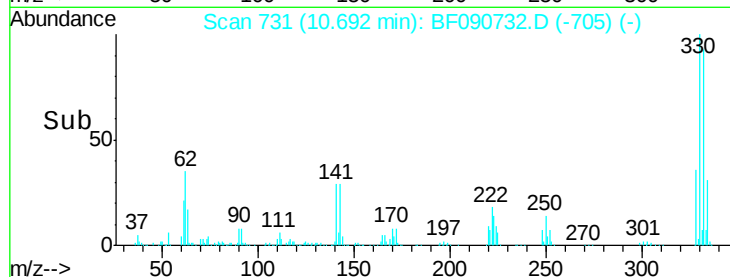
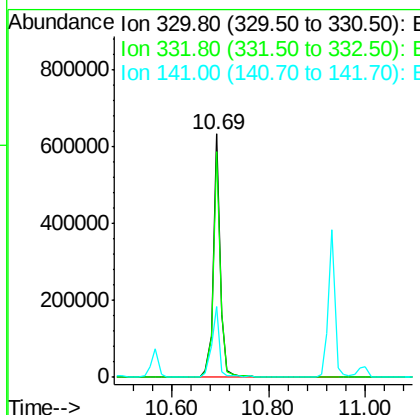
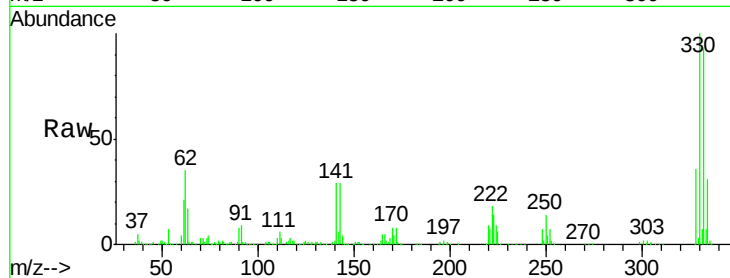
#41
 2,4,6-Tribromophenol
 Concen: 150.35 ng
 RT: 10.69 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	114.8
141	30.5	29.7	44.5

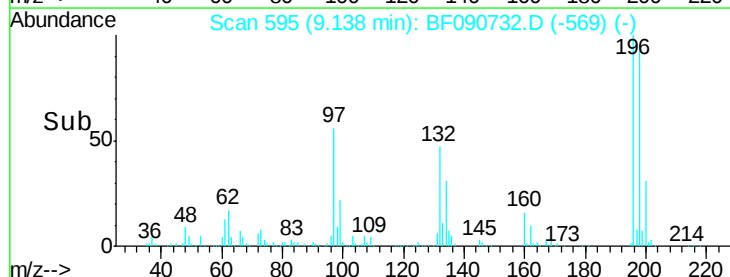
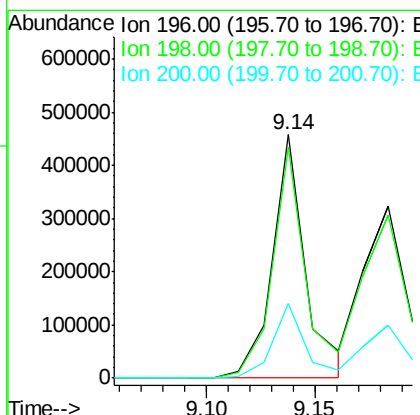
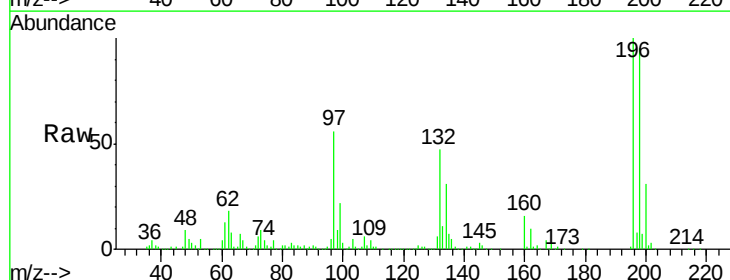
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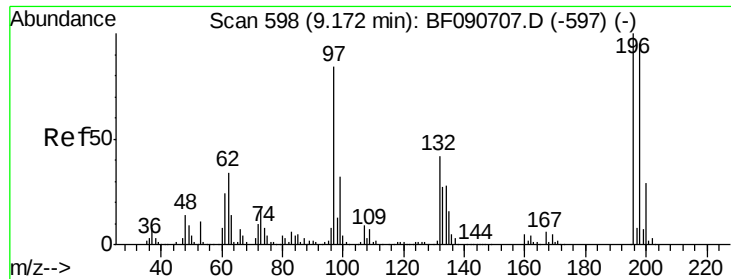
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#42
 2,4,6-Trichlorophenol
 Concen: 51.80 ng
 RT: 9.14 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.8	23.9	35.9





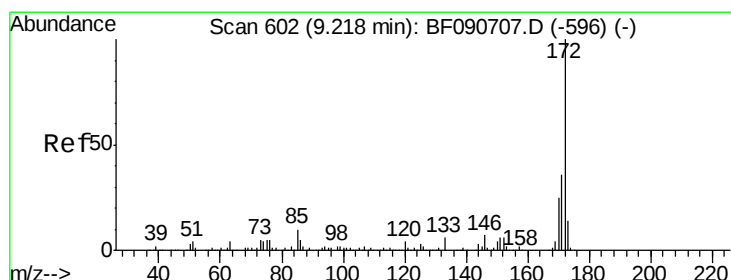
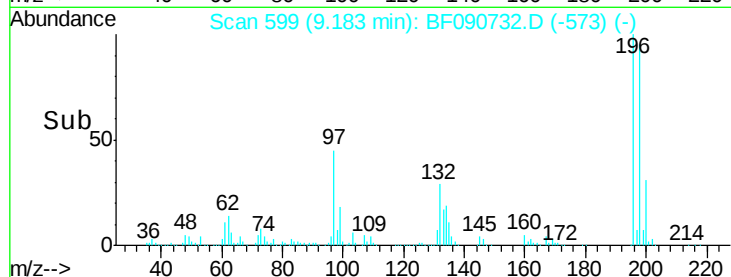
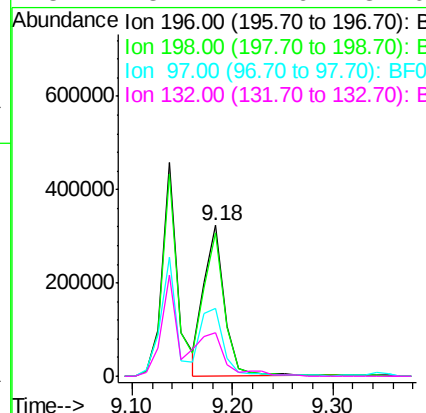
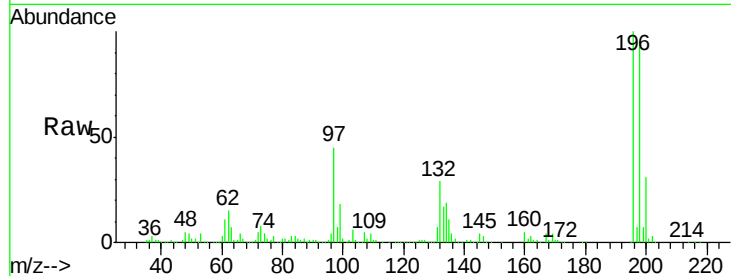
#43
2,4,5-Trichlorophenol
Concen: 47.69 ng
RT: 9.18 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	457727		
198	95.2	75.4	113.0	
97	44.8	33.3	49.9	
132	28.7	24.6	37.0	

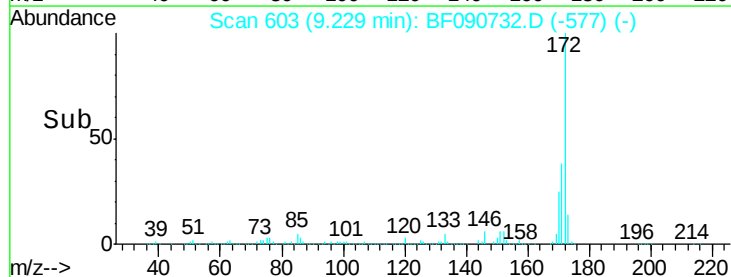
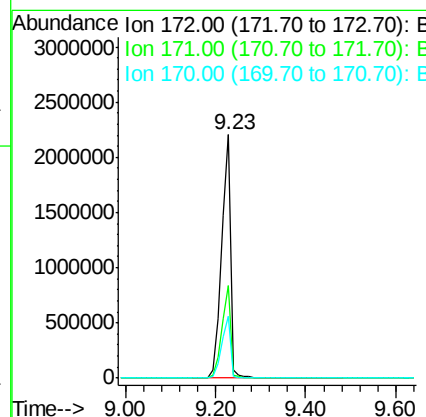
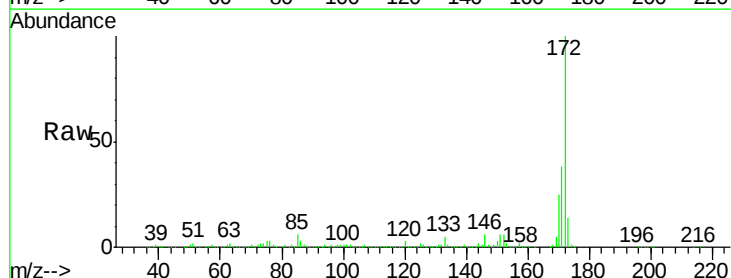
Manual Integrations
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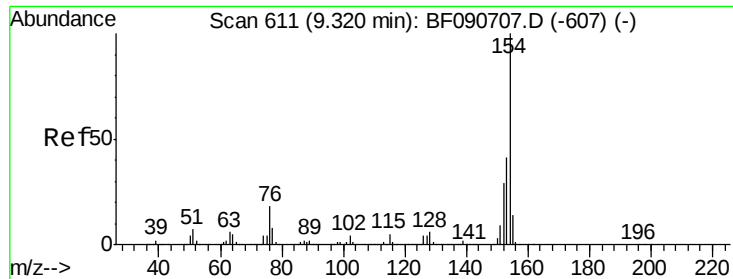
sohil
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#44
2-Fluorobiphenyl
Concen: 84.17 ng
RT: 9.23 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3062107		
171	37.8	26.1	39.1	
170	25.5	17.4	26.2	





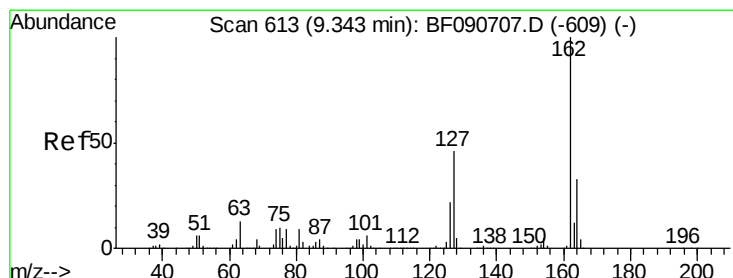
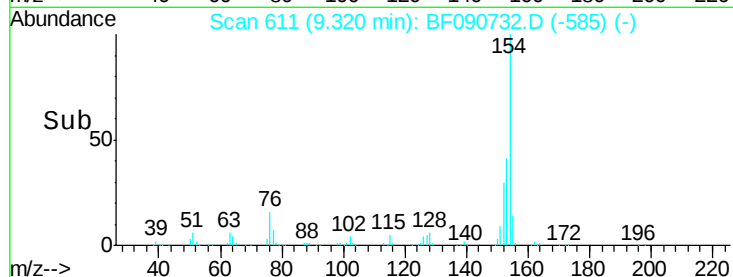
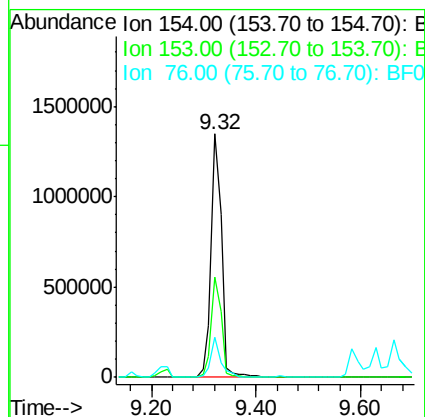
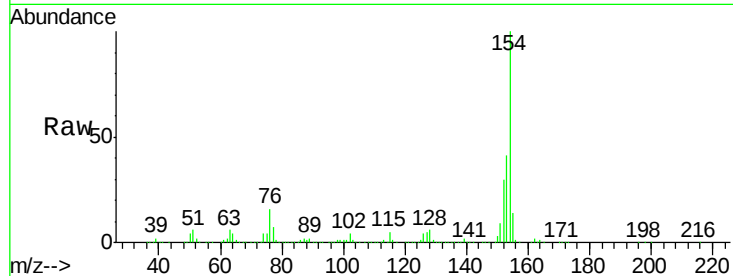
#45
 1,1'-Biphenyl
 Concen: 42.56 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion:154 Resp: 1887744
 Ion Ratio Lower Upper
 154 100
 153 41.4 17.1 57.1
 76 16.5 0.0 31.6

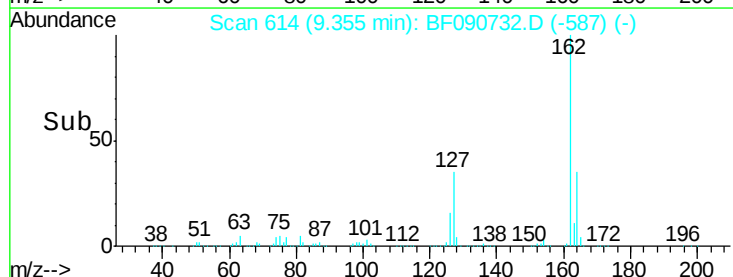
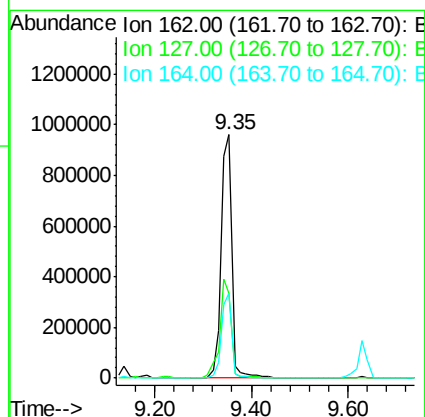
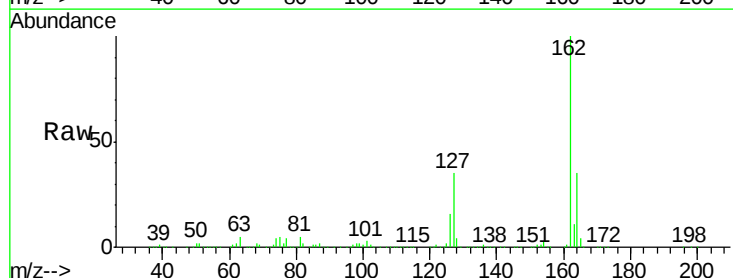
Manual Integrations
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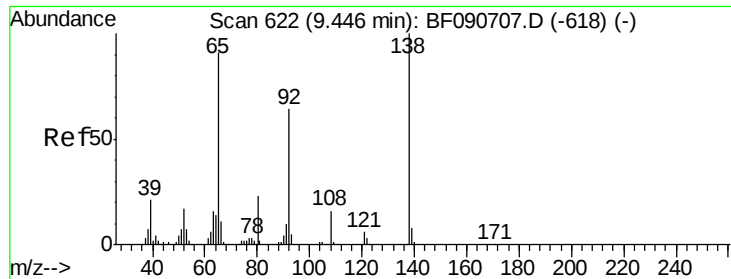
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#46
 2-Chloronaphthalene
 Concen: 45.76 ng
 RT: 9.35 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion:162 Resp: 1508384
 Ion Ratio Lower Upper
 162 100
 127 35.1 27.6 41.4
 164 34.8 25.4 38.2





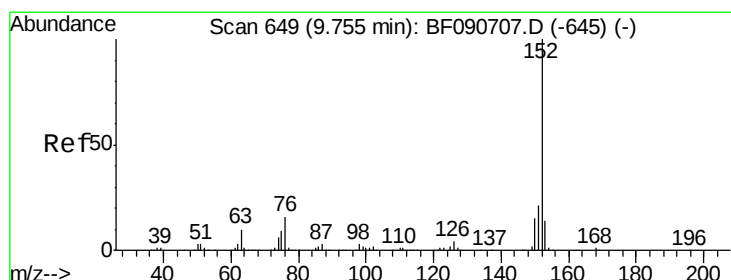
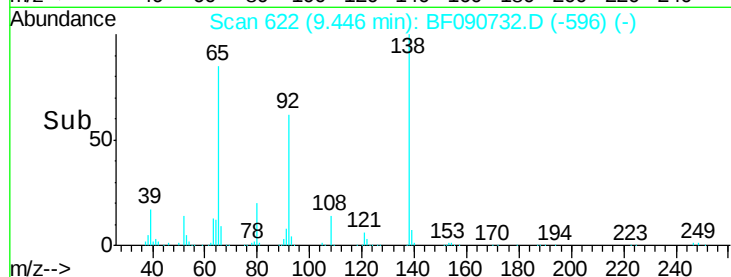
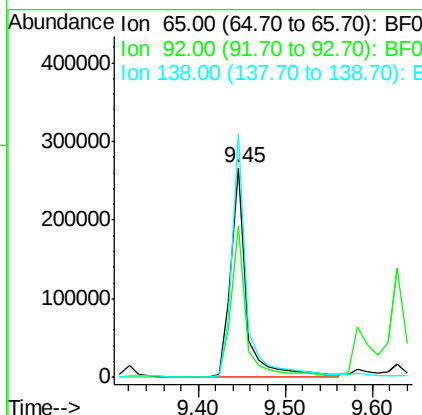
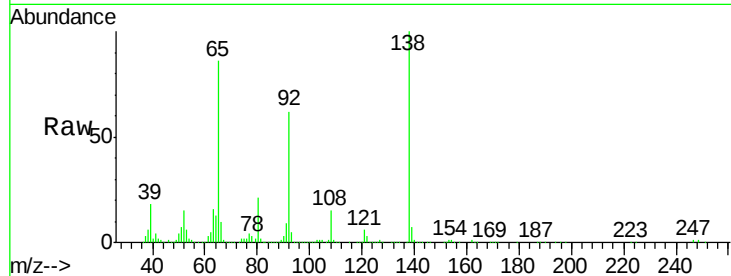
#47
2-Nitroaniline
Concen: 30.58 ng
RT: 9.45 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	55.4	83.0
138	116.2	115.5	173.3

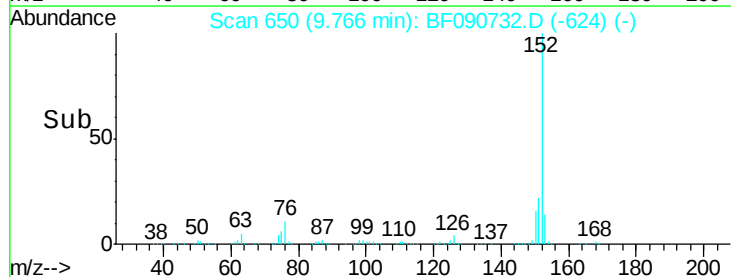
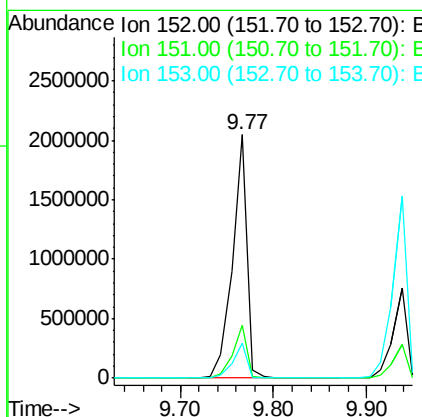
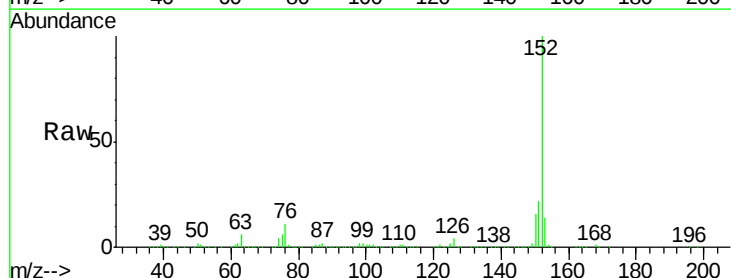
Manual Integrations
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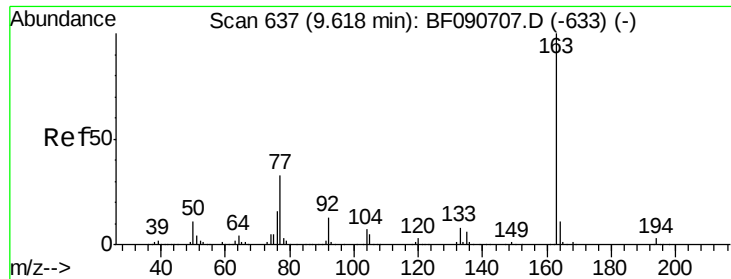
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#48
Acenaphthylene
Concen: 44.51 ng
RT: 9.77 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	14.6	22.0
153	14.2	10.3	15.5





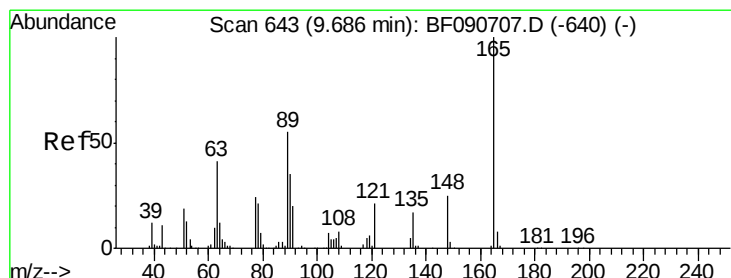
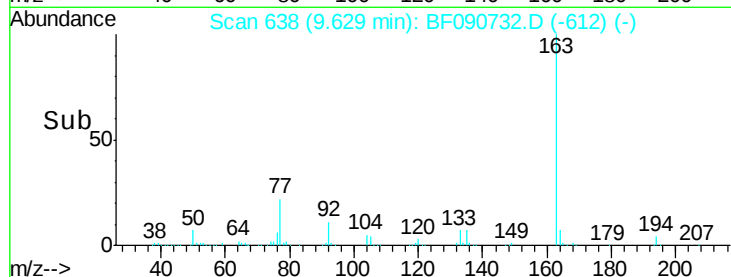
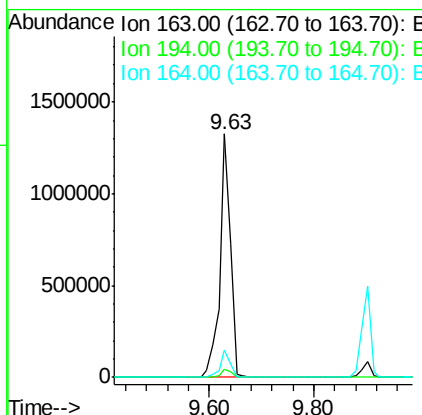
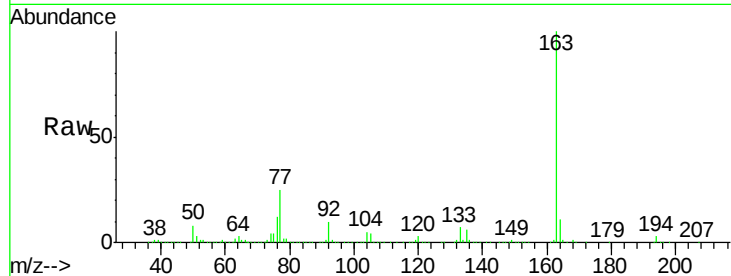
#49
Dimethylphthalate
Concen: 52.01 ng
RT: 9.63 min Scan# 638
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion:163 Resp: 1845733
Ion Ratio Lower Upper
163 100
194 3.4 4.4 6.6#
164 11.0 8.3 12.5

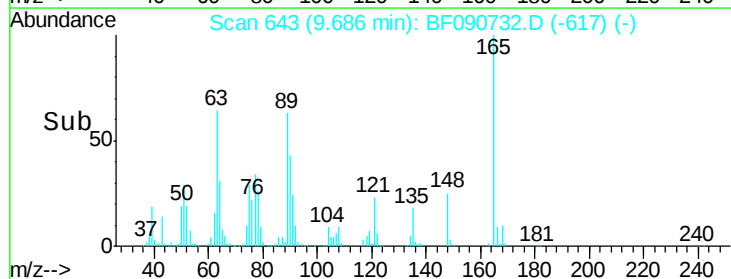
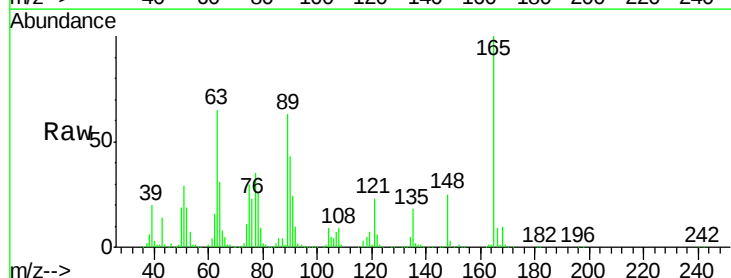
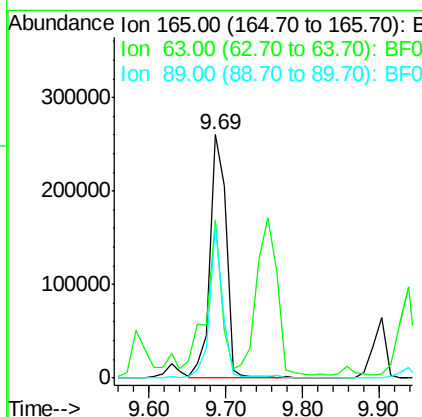
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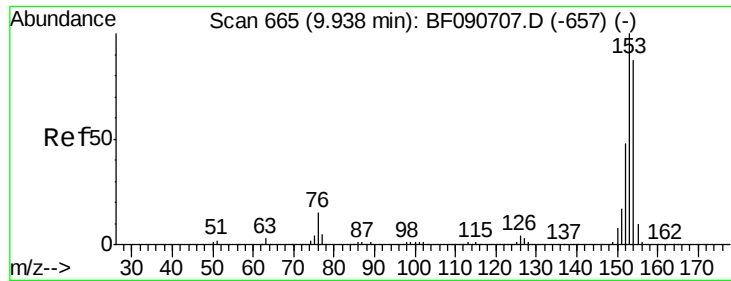
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#50
2,6-Dinitrotoluene
Concen: 48.92 ng
RT: 9.69 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:165 Resp: 373311
Ion Ratio Lower Upper
165 100
63 64.6 32.3 48.5#
89 62.9 28.6 43.0#





#51

Acenaphthene

Concen: 49.15 ng

RT: 9.94 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:154 Resp: 1641277

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

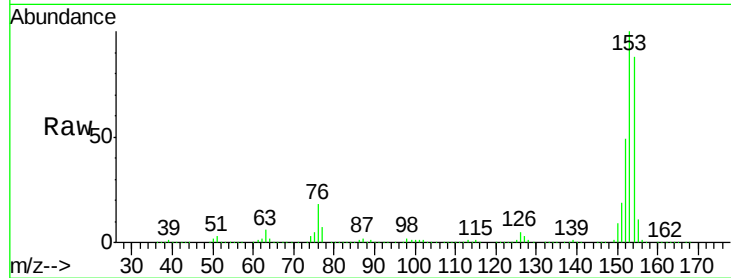
152 56.3 37.9 56.9

Manual Integrations

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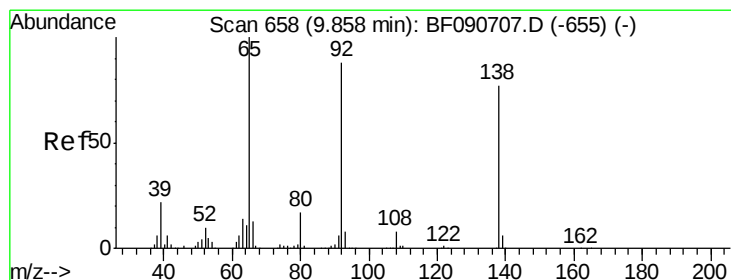
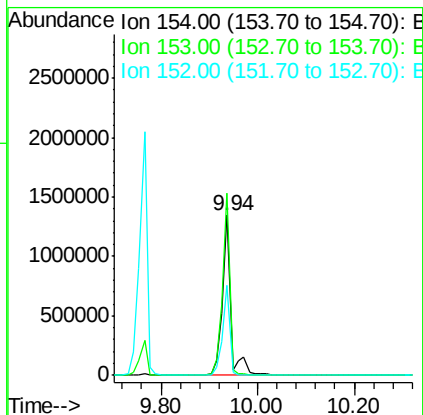
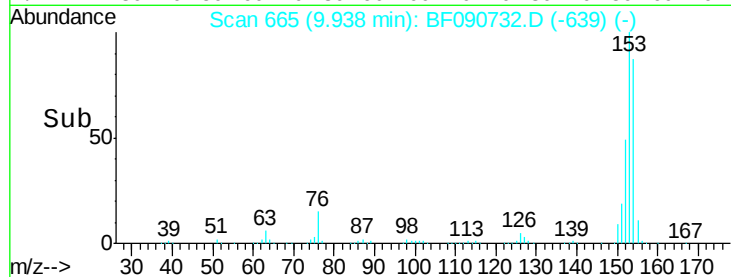
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.89 ng

RT: 9.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

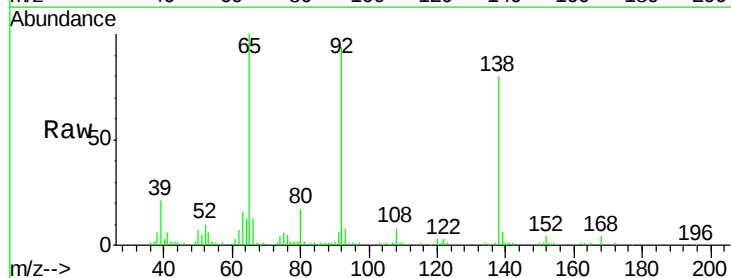
Tgt Ion:138 Resp: 95541

Ion Ratio Lower Upper

138 100

108 10.6 5.7 8.5#

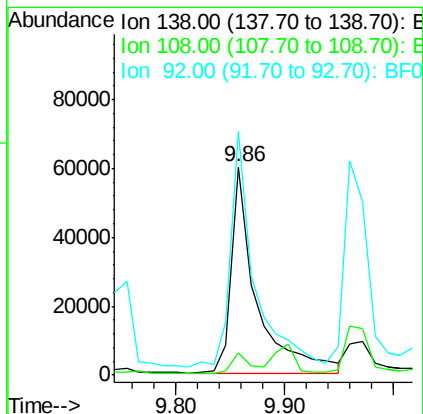
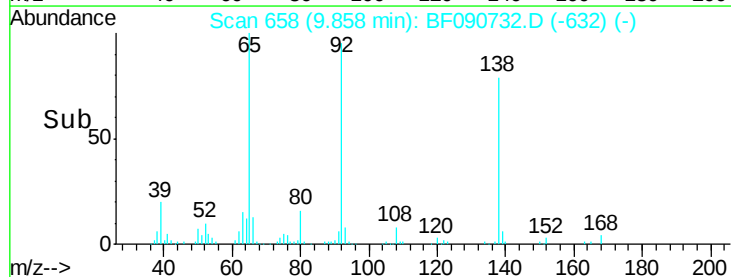
92 116.9 67.7 101.5#

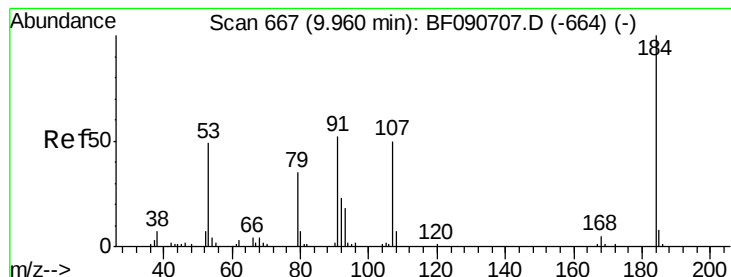


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 81.36 ng/mL

RT: 9.97 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleID :

MW-102DMS

Tot Ion:184 Resp: 358968

Ion Ratio Lower Upper

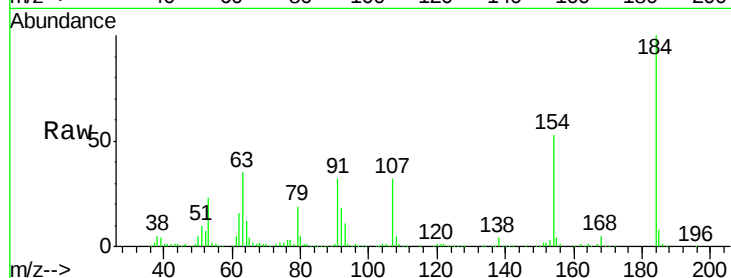
184 100

63 34.7 35.4 53.2#

154 52.9 32.2 48.4#

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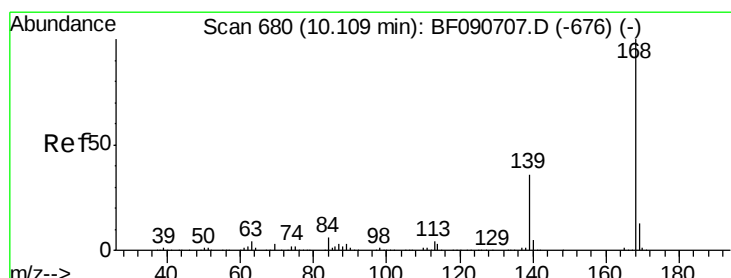
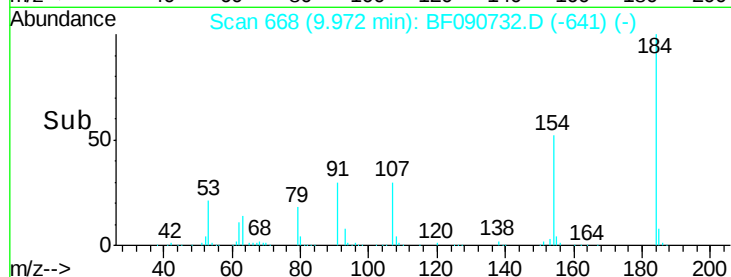
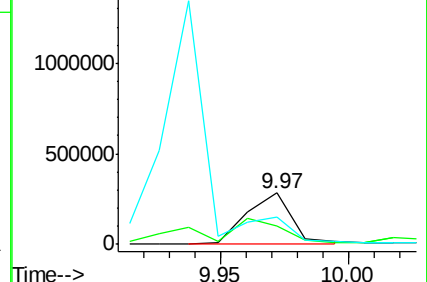
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.19 ng/mL

RT: 10.11 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

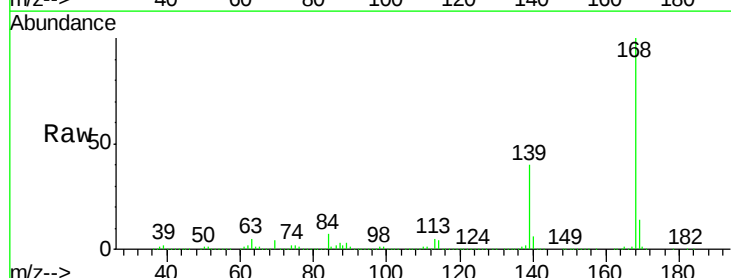
Tgt Ion:168 Resp: 1989770

Ion Ratio Lower Upper

168 100

139 39.8 24.2 36.2#

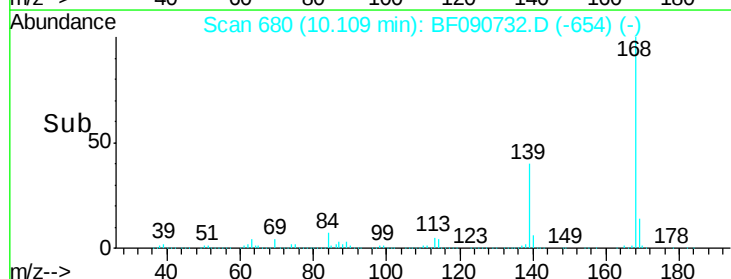
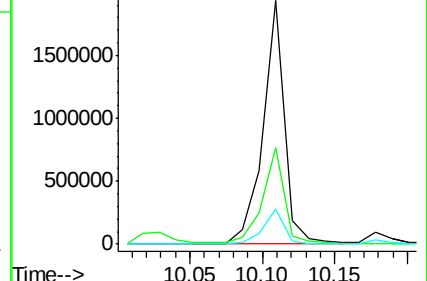
169 14.4 10.6 15.8

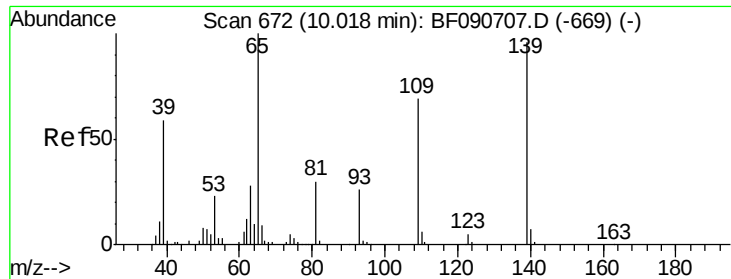


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





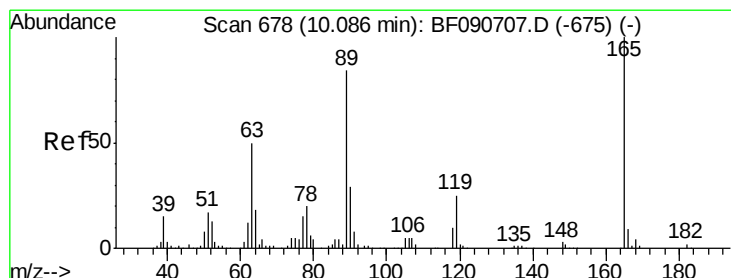
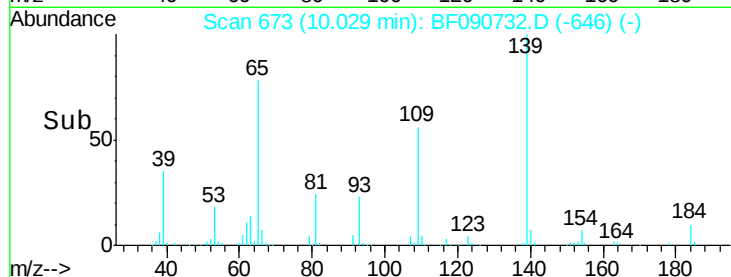
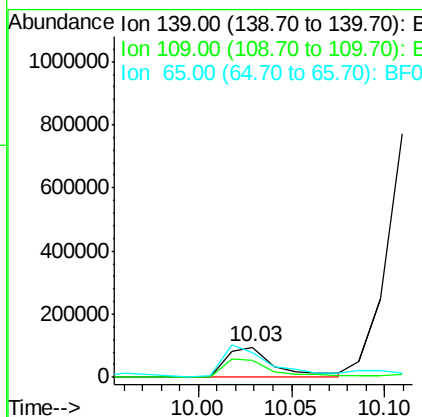
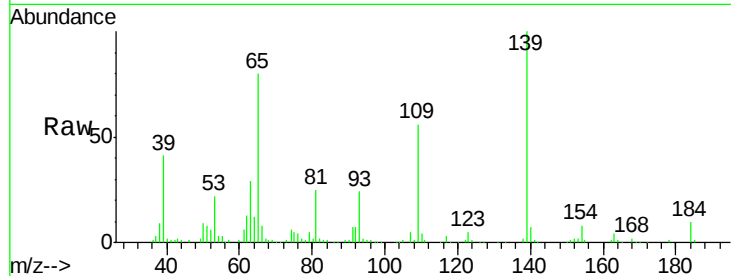
#55
4-Nitrophenol
Concen: 35.55 ng
RT: 10.03 min Scan# 673
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	172419		
109	56.4	12.7	52.7#	
65	80.1	45.9	85.9	

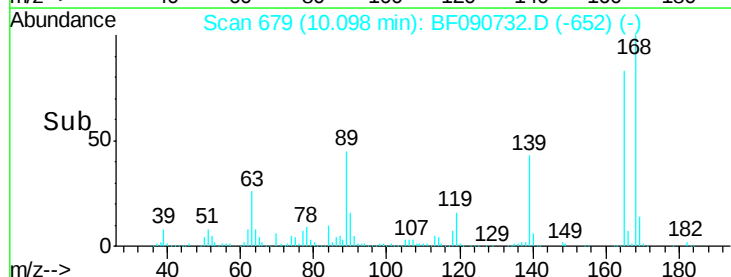
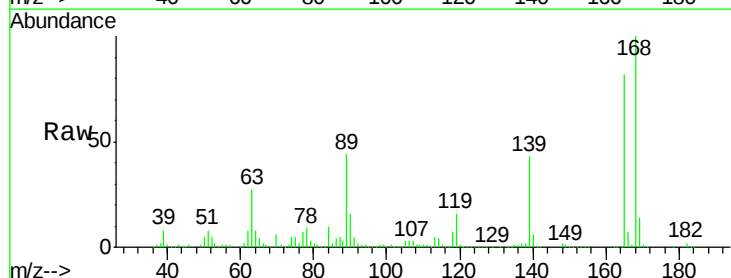
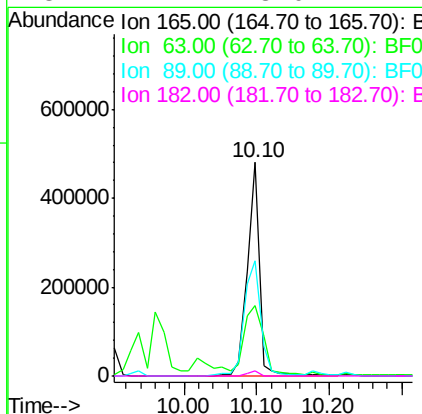
Manual Integrations
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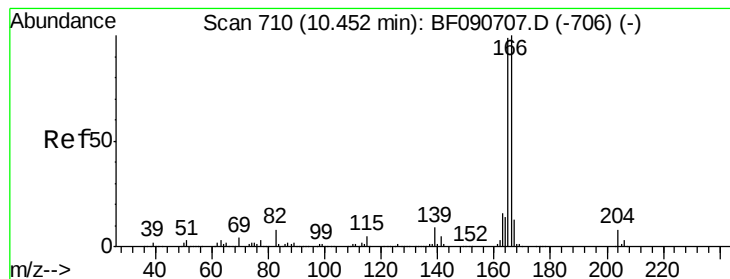
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#56
2,4-Dinitrotoluene
Concen: 60.45 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	563836		
63	32.8	29.8	44.6	
89	54.0	44.5	66.7	
182	2.4	3.0	4.4#	





#57

Fluorene

Concen: 48.55 ng

RT: 10.45 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

ClientSampleId :

MW-102DMS

Tot Ion:166 Resp: 1627449

Ion Ratio Lower Upper

166 100

165 100.2 72.6 109.0

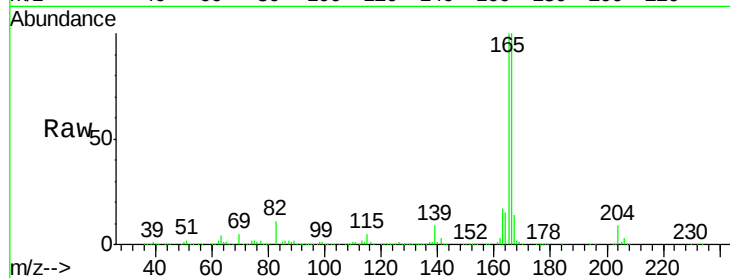
167 13.9 10.6 16.0

Manual Integrations

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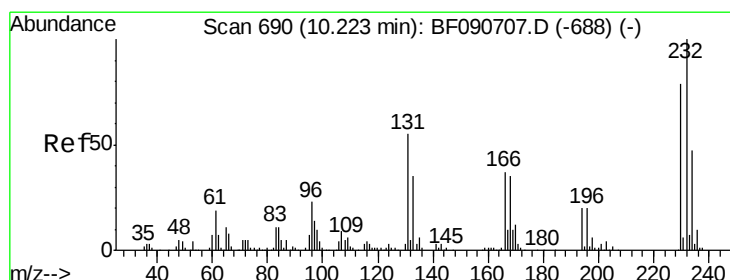
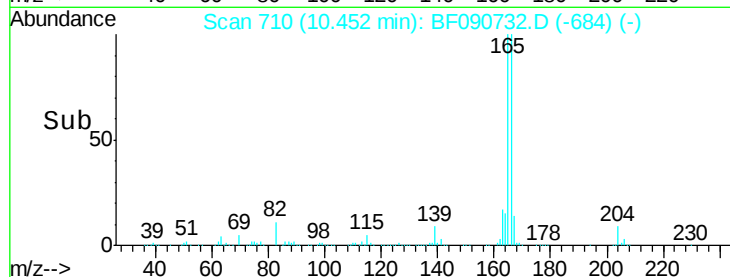
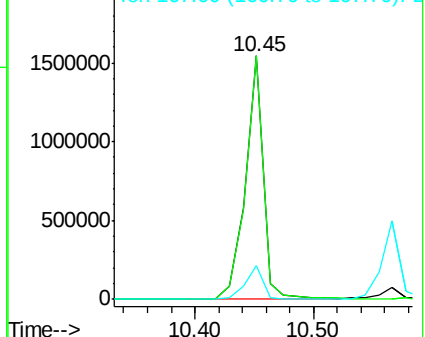


Abundance

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: 54.84 ng

RT: 10.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion:232 Resp: 412988

Ion Ratio Lower Upper

232 100

131 48.9 38.5 57.7

130 2.2 1.8 2.6

166 32.1 25.0 37.6

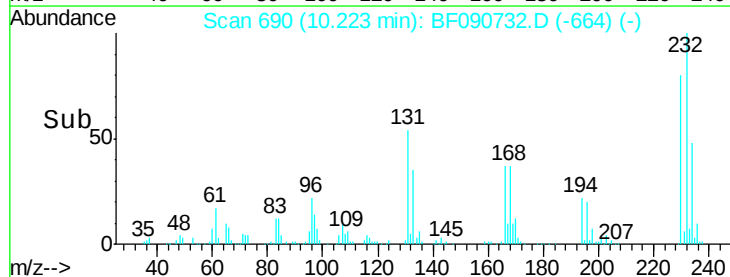
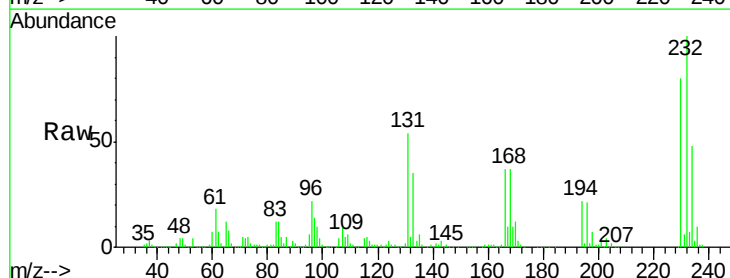
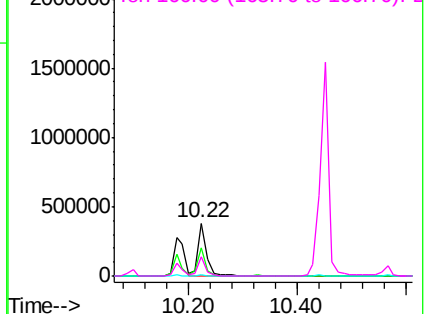
Abundance

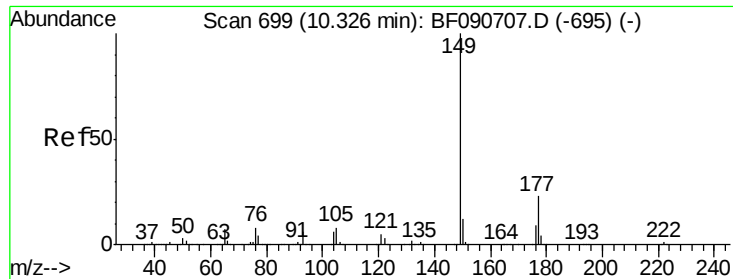
Ion 232.00 (231.70 to 232.70): E

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





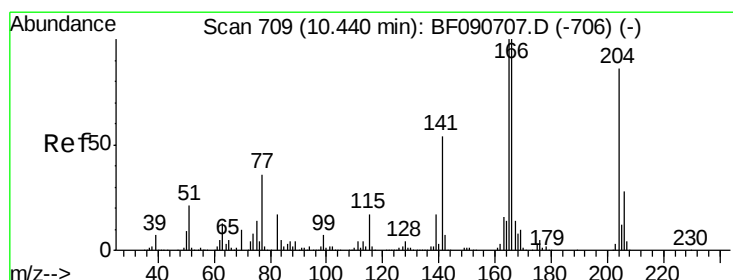
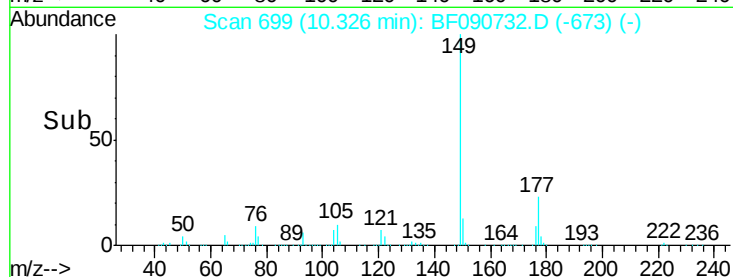
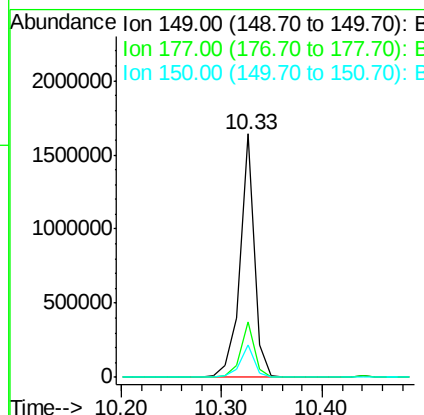
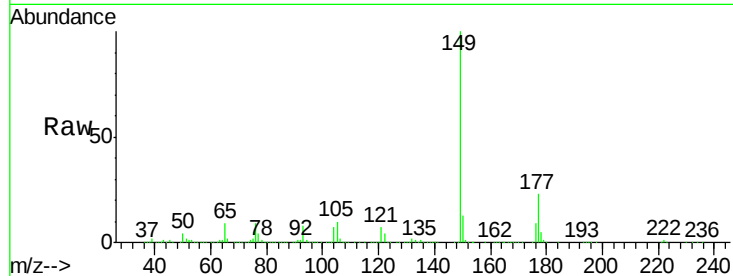
#59
Diethylphthalate
Concen: 44.43 ng
RT: 10.33 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion:149 Resp: 1635237
Ion Ratio Lower Upper
149 100
177 22.7 17.5 26.3
150 13.2 9.4 14.2

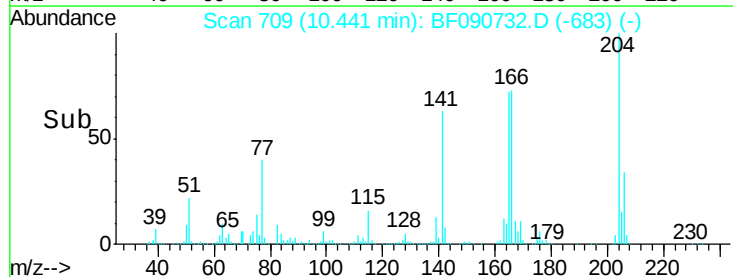
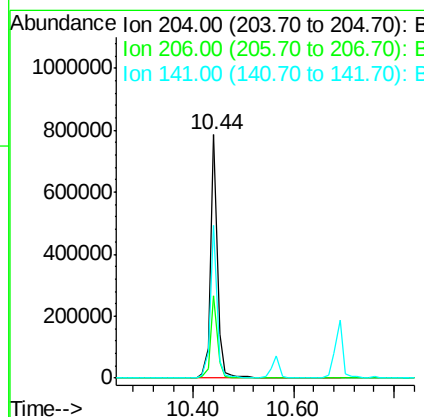
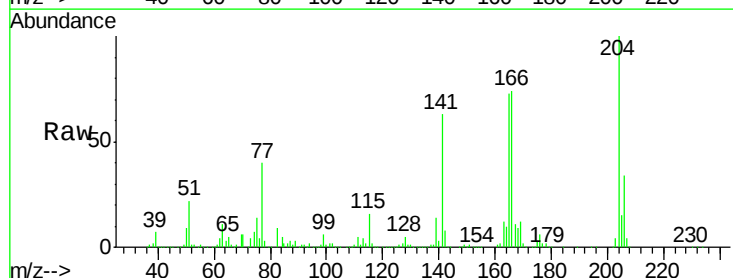
Manual Integrations
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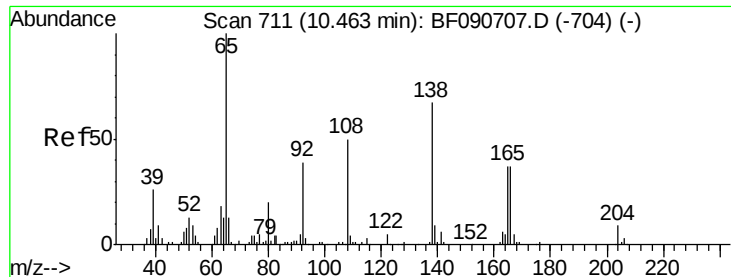
sohil
10/24/2016 3:53:17 PM



#60
4-Chlorophenyl-phenylether
Concen: 49.18 ng
RT: 10.44 min Scan# 709
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:204 Resp: 753423
Ion Ratio Lower Upper
204 100
206 33.7 24.8 37.2
141 63.0 42.2 63.4





#61

4-Nitroaniline

Concen: 13.30 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

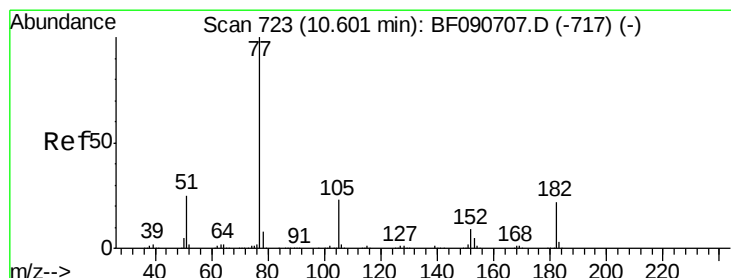
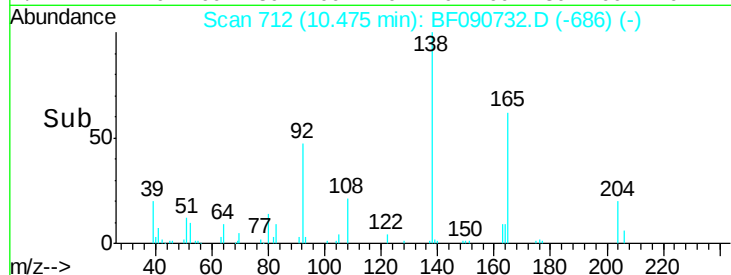
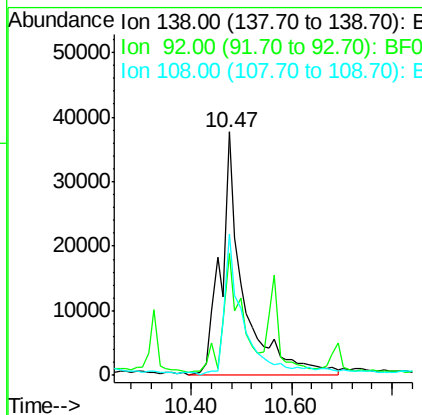
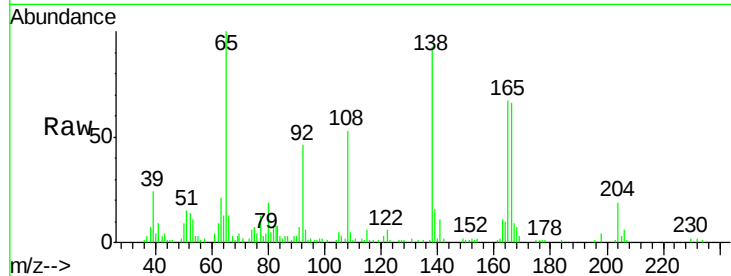
ClientSampleId :

MW-102DMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	118195		
92	49.9	12.6	52.6	
108	57.8	12.4	52.4	

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#62

Azobenzene

Concen: 38.96 ng

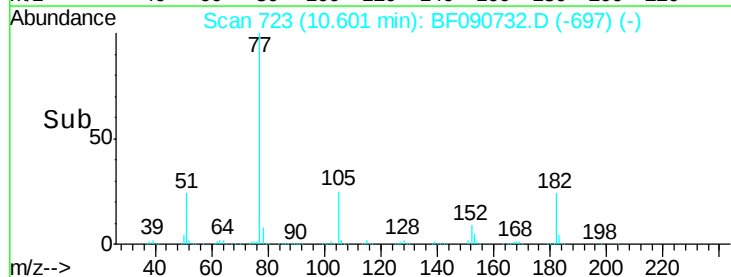
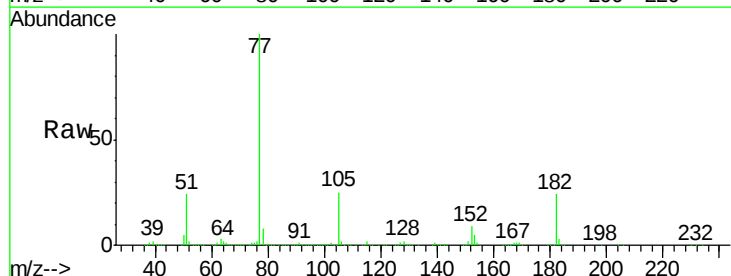
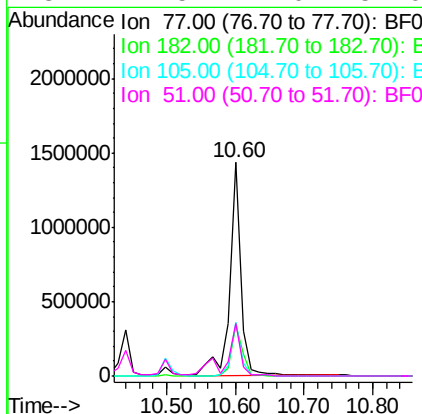
RT: 10.60 min Scan# 723

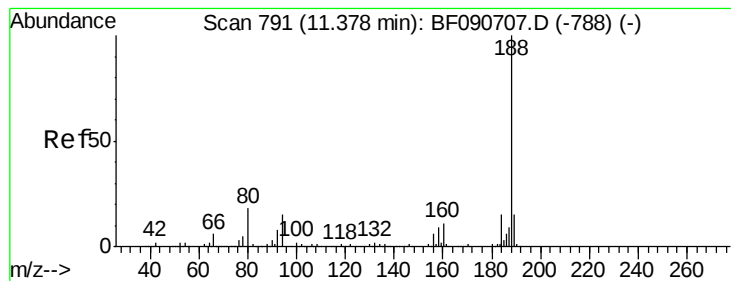
Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1679287		
182	24.2	15.1	55.1	
105	25.4	3.4	43.4	
51	24.5	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: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

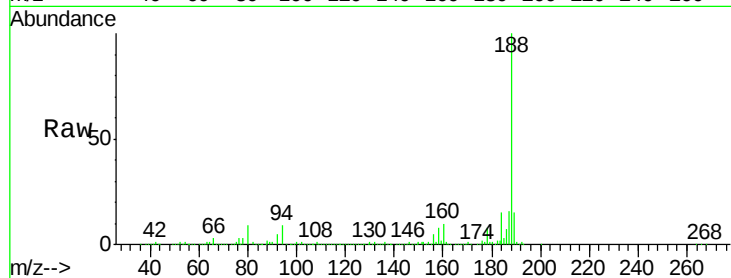
ClientSampleId :

MW-102DMS

Tot Ion:	188	Resp:	899280
Ion Ratio	Lower	Upper	
188	100		
94	8.6	11.1	16.7#
80	9.4	11.0	16.4#

Manual Integrations
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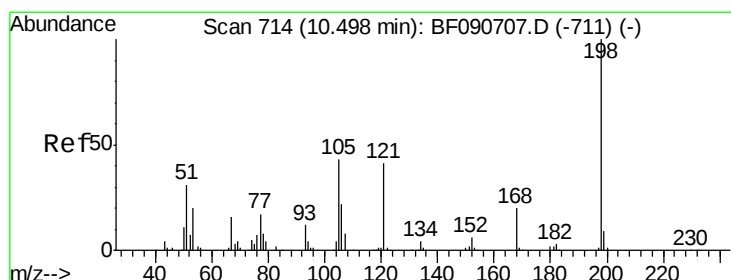
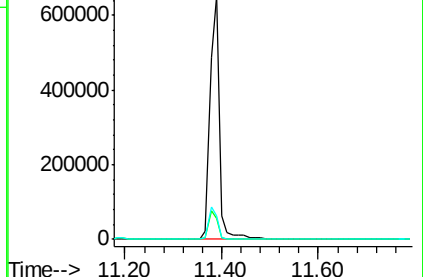
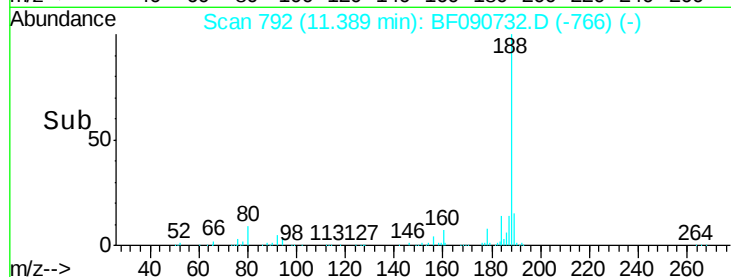
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.19 ng

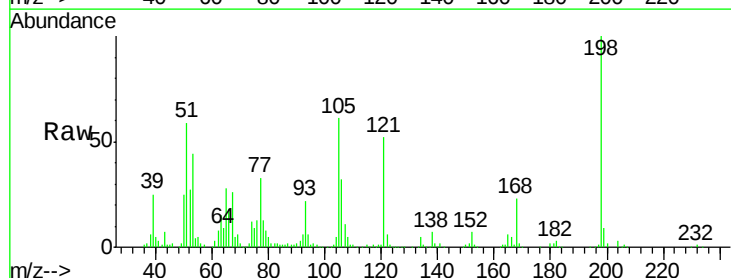
RT: 10.50 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

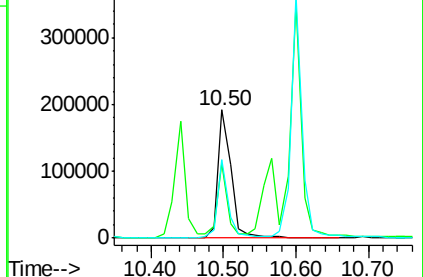
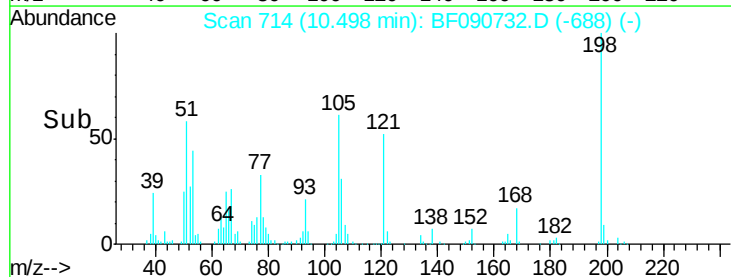
Tgt Ion:	198	Resp:	245278
Ion Ratio	Lower	Upper	
198	100		
51	58.7	39.6	79.6
105	60.9	28.5	68.5

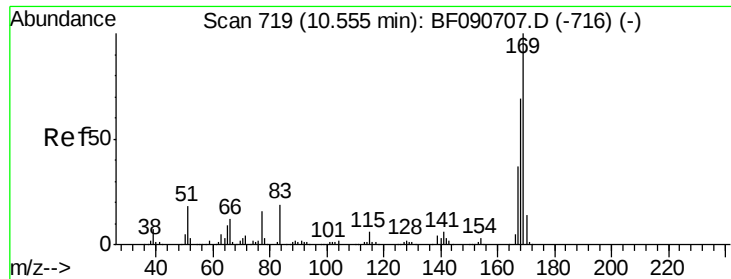


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





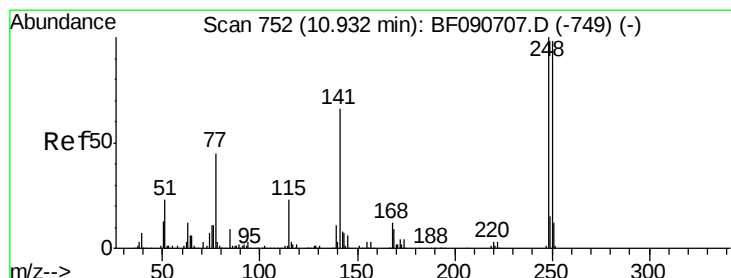
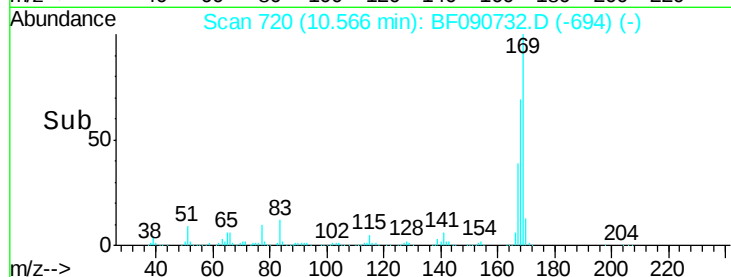
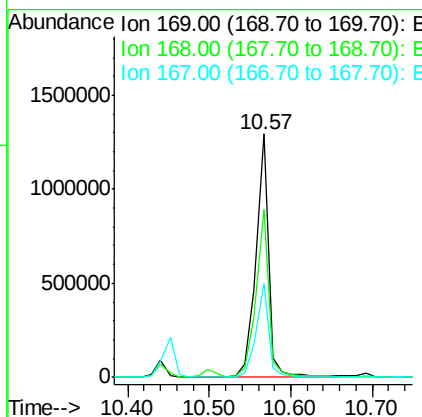
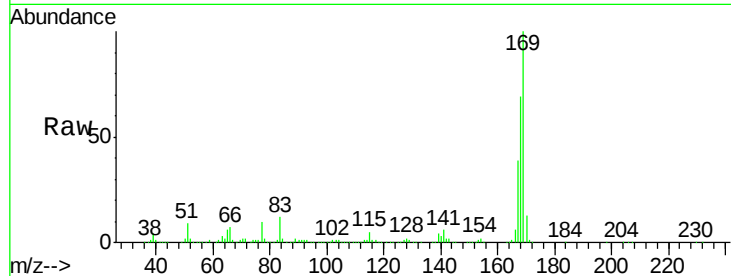
#65
n-Nitrosodiphenylamine
Concen: 48.12 ng
RT: 10.57 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.9	48.9	73.3
167	38.7	26.2	39.4

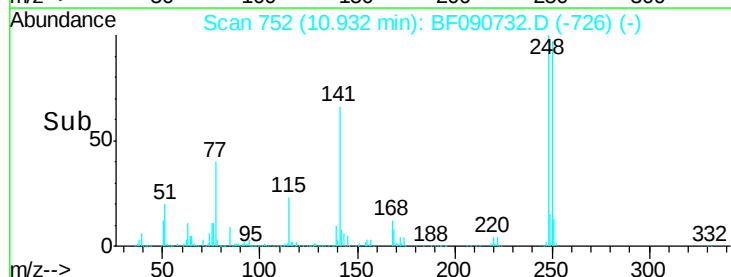
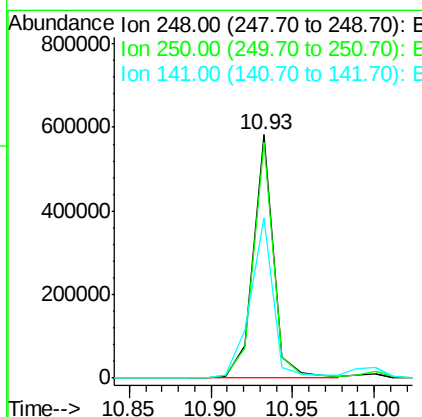
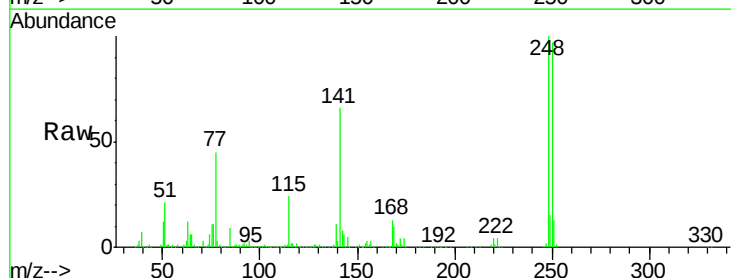
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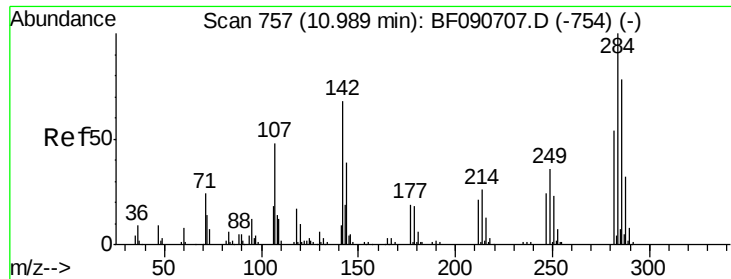
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#66
4-Bromophenyl-phenylether
Concen: 58.09 ng
RT: 10.93 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.5	117.7
141	66.0	59.0	88.6





#67

Hexachlorobenzene

Concen: 57.95 ng

RT: 11.00 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

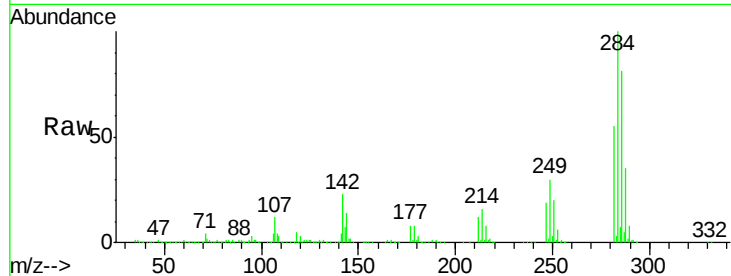
ClientSampleId :

MW-102DMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	22.7	29.5	44.3#	
249	30.3	19.5	29.3#	

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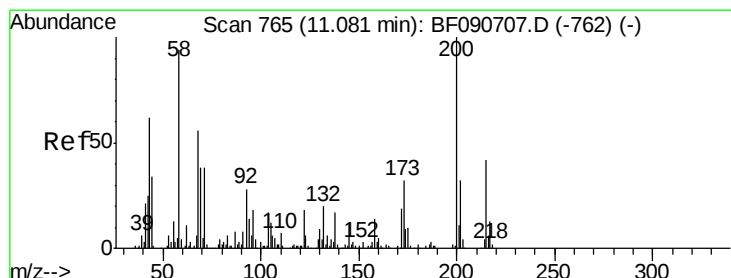
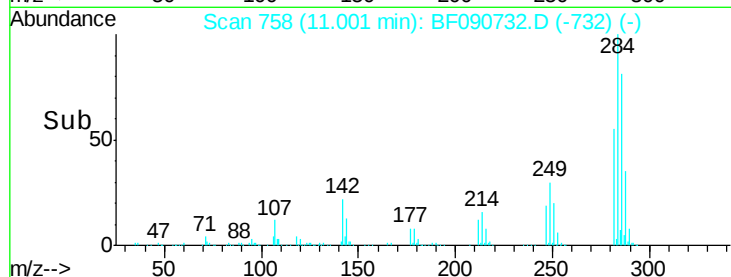
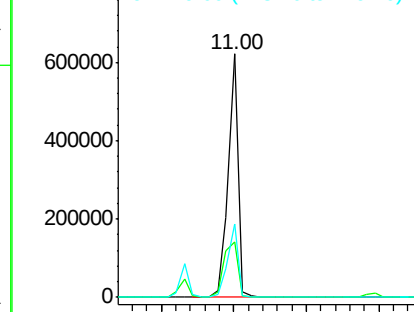


Abundance

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: 48.16 ng

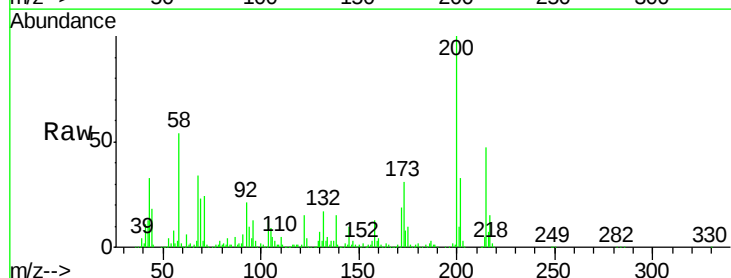
RT: 11.09 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.7	13.2	53.2	
215	46.6	41.8	81.8	

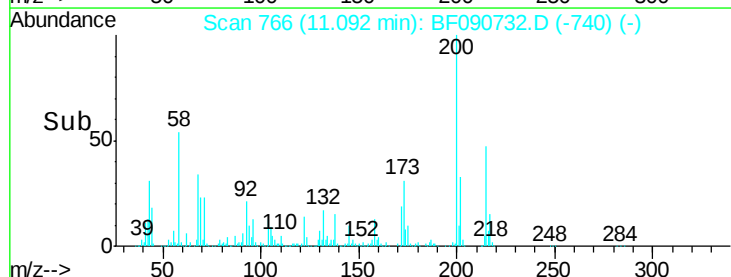
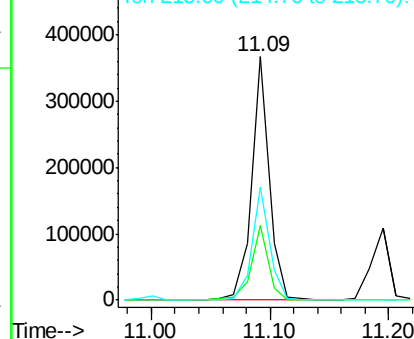


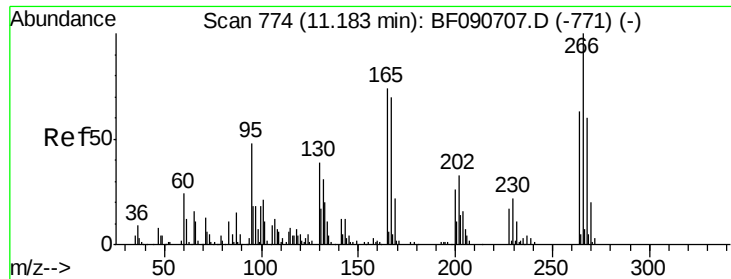
Abundance

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





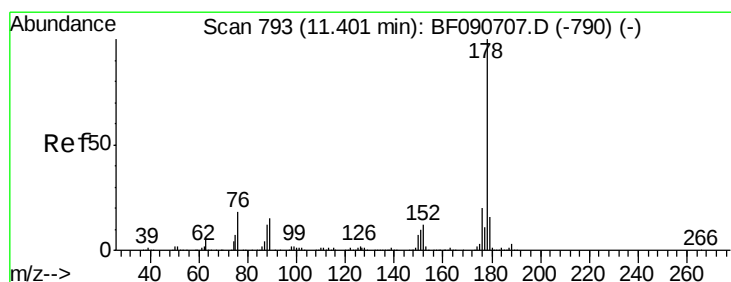
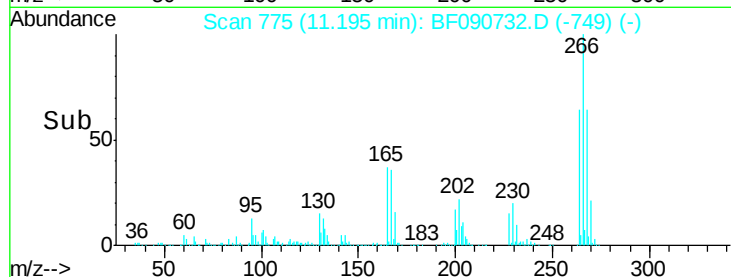
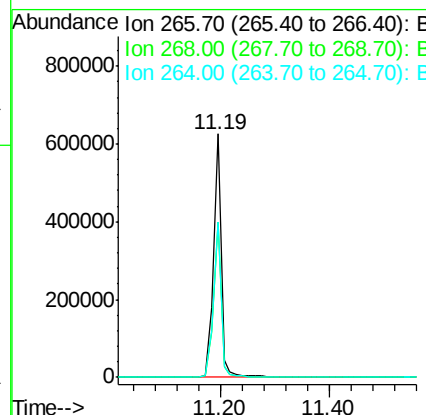
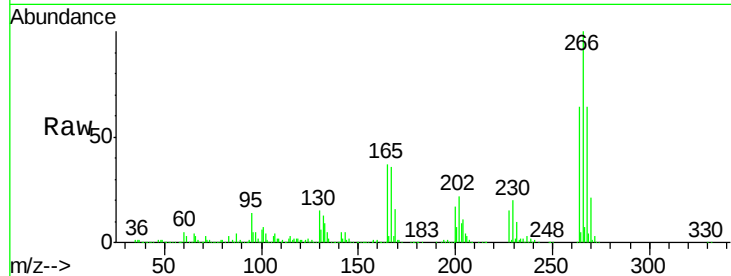
#69
 Pentachlorophenol
 Concen: 91.20 ng
 RT: 11.19 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.8	74.6
264	63.6	50.2	75.2

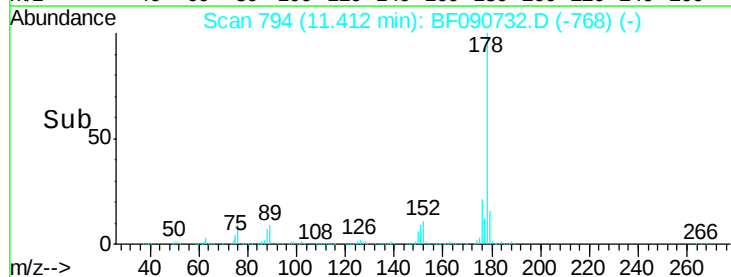
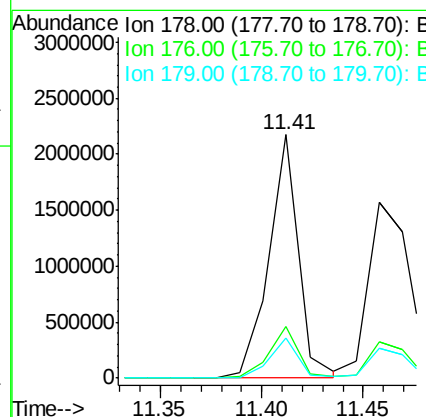
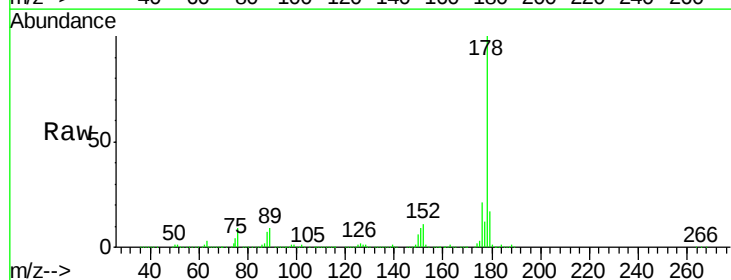
Manual Integrations
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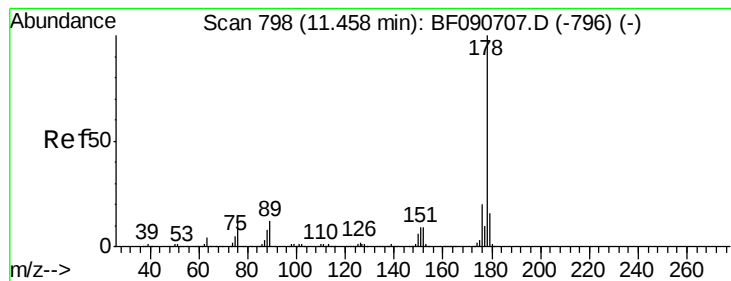
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#70
 Phenanthrene
 Concen: 47.41 ng m
 RT: 11.41 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	13.8	20.8#
179	16.5	12.2	18.2





#71
 Anthracene
 Concen: 45.27 ng
 RT: 11.46 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

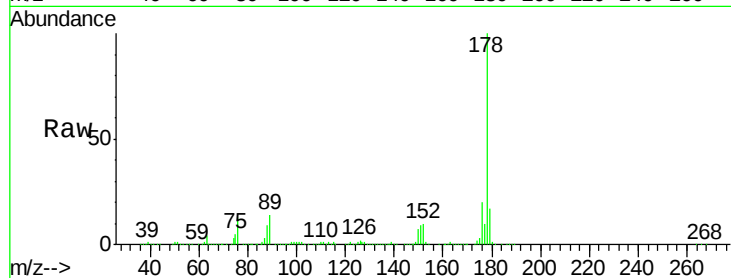
Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion:178 Resp: 2301062

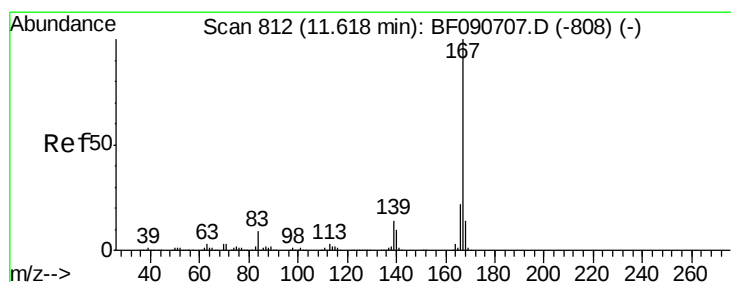
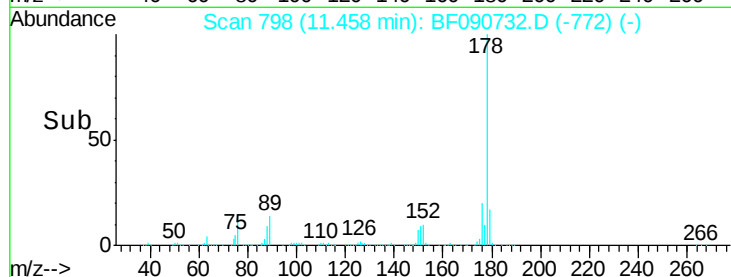
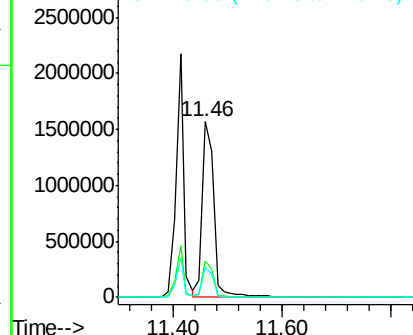
Ion	Ratio	Lower	Upper
178	100		
176	20.3	14.1	21.1
179	16.7	12.2	18.2

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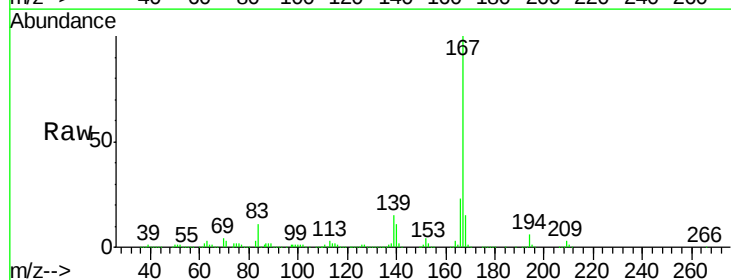
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



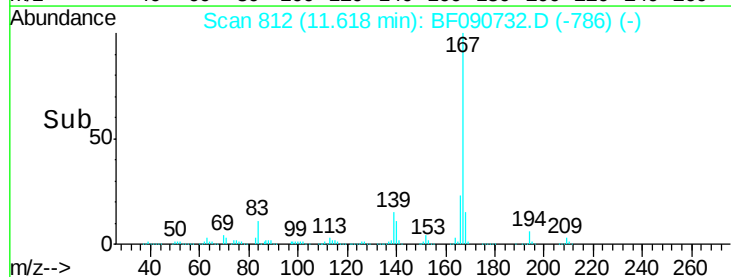
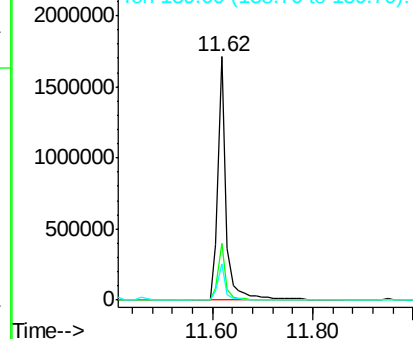
#72
 Carbazole
 Concen: 46.44 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

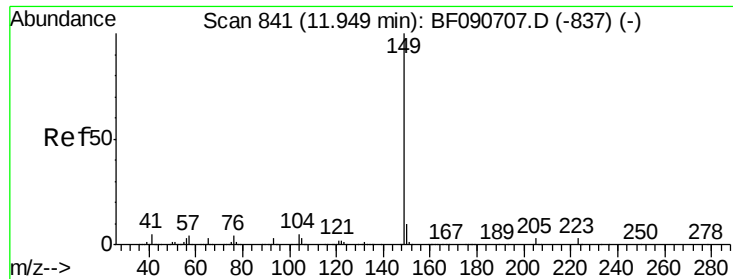
Tgt Ion:167 Resp: 1973607

Ion	Ratio	Lower	Upper
167	100		
166	23.3	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





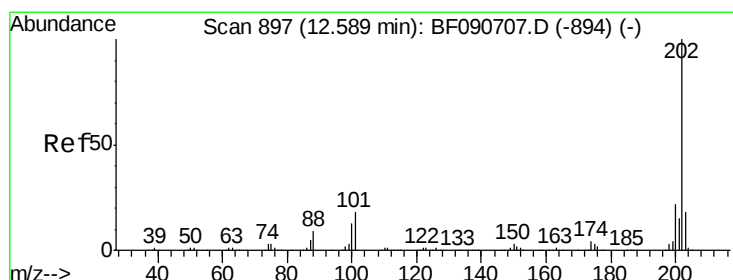
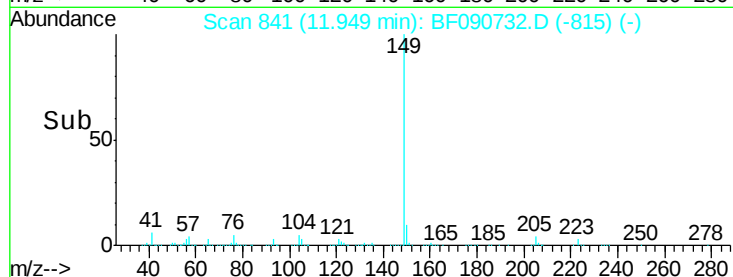
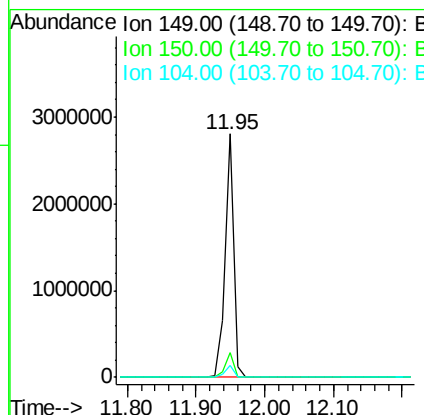
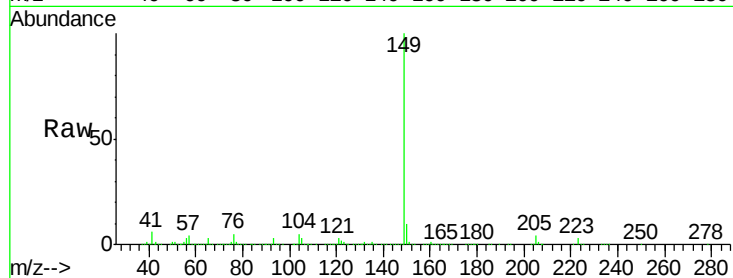
#73
Di-n-butylphthalate
Concen: 45.37 ng
RT: 11.95 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion:149 Resp: 2501322
Ion Ratio Lower Upper
149 100
150 10.4 7.4 11.2
104 5.1 2.4 3.6#

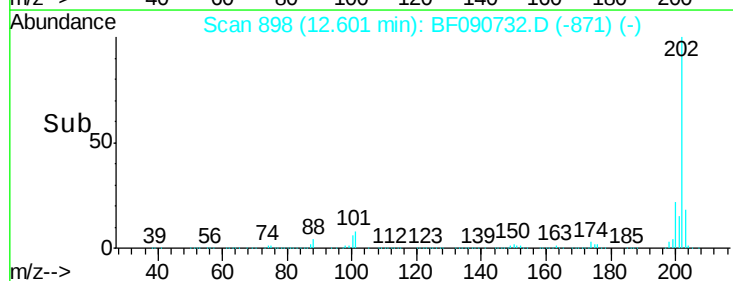
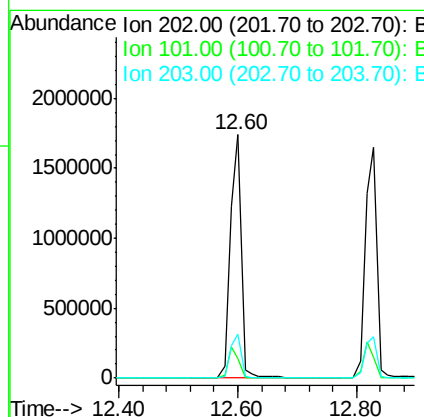
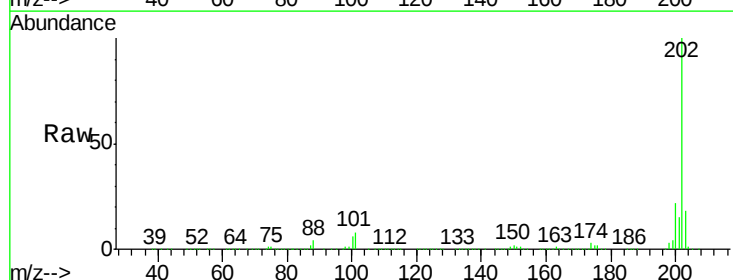
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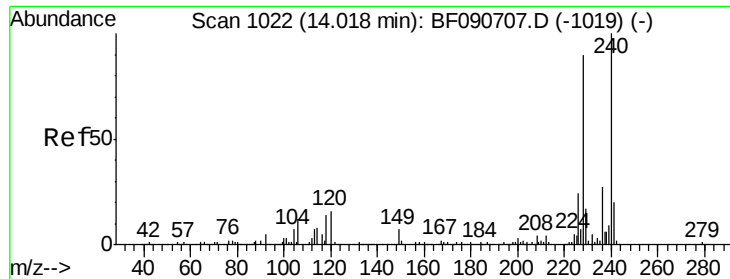
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#74
Fluoranthene
Concen: 50.07 ng
RT: 12.60 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:202 Resp: 2220173
Ion Ratio Lower Upper
202 100
101 8.2 0.0 38.3
203 18.1 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

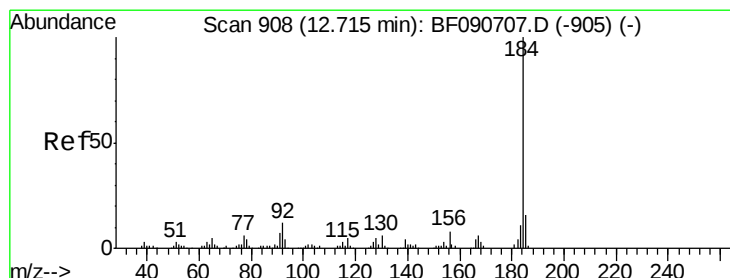
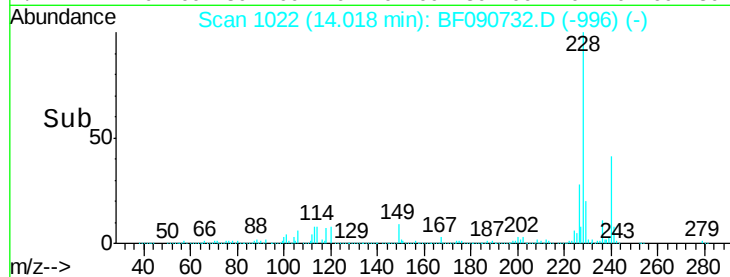
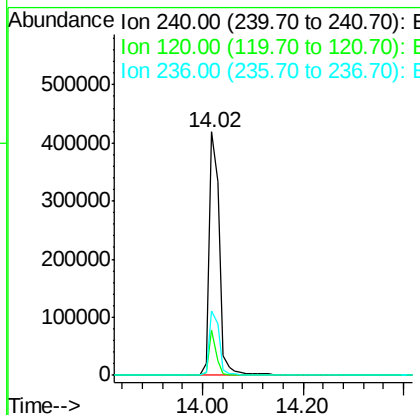
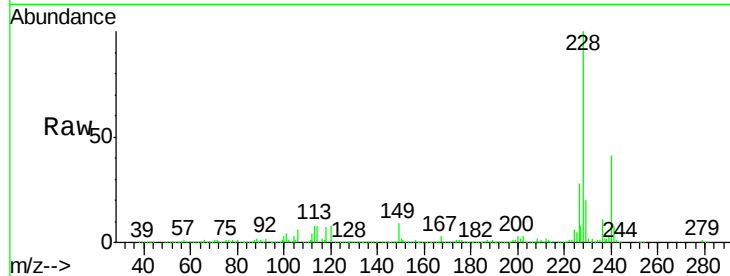
ClientSampleId :

MW-102DMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.8	16.2	24.2
236	26.3	18.4	27.6

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#76

Benzidine

Concen: 3.75 ng

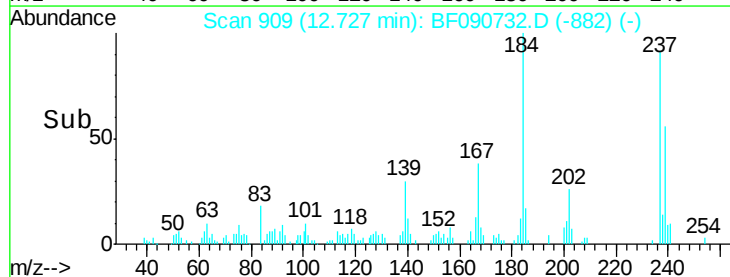
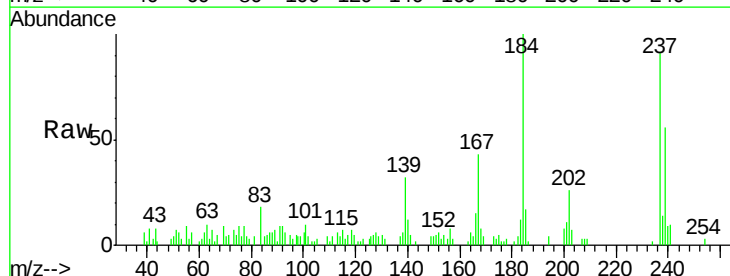
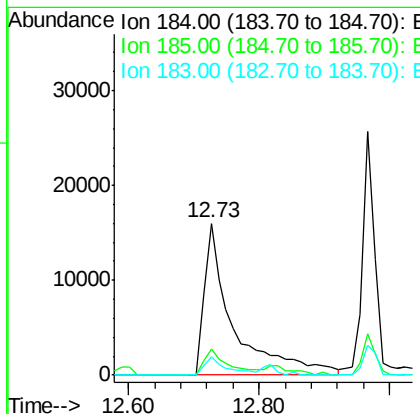
RT: 12.73 min Scan# 909

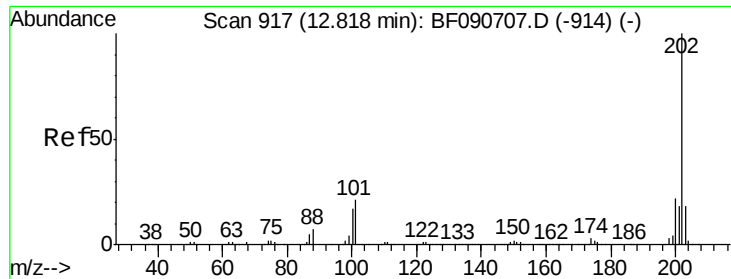
Delta R.T. 0.01 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.8	17.6
183	11.9	7.6	11.4#





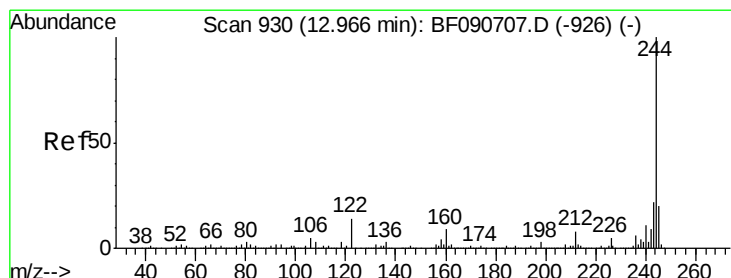
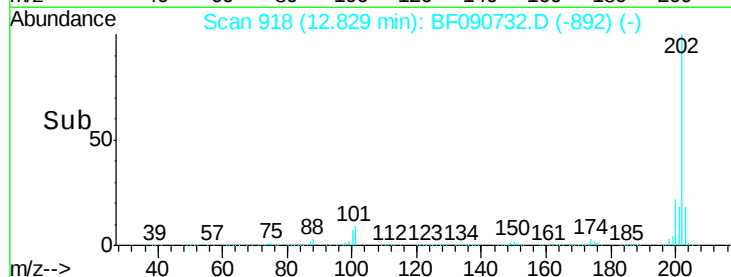
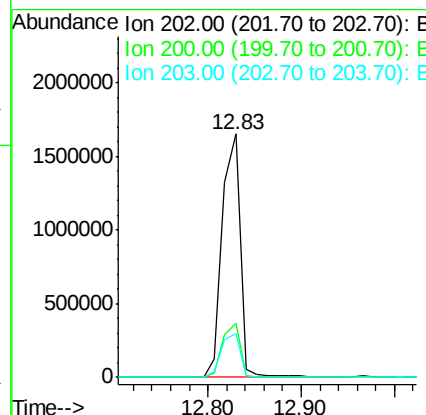
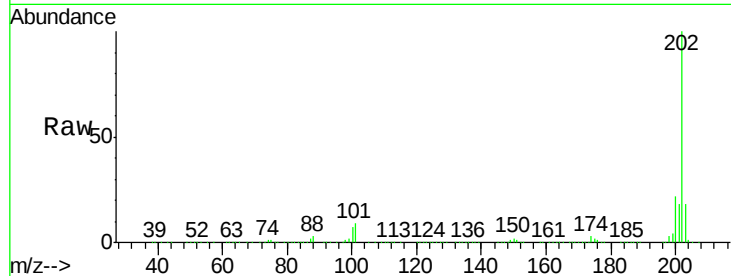
#77
Pvrene
Concen: 53.49 ng
RT: 12.83 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	15.0	22.4
203	17.9	14.1	21.1

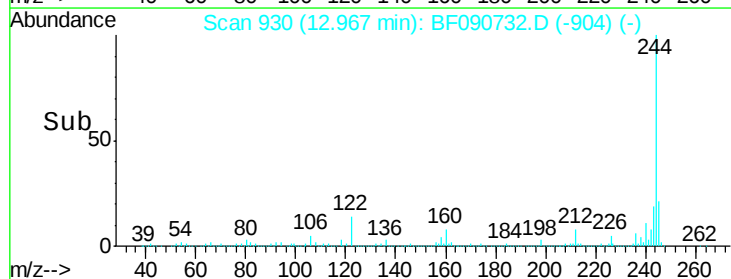
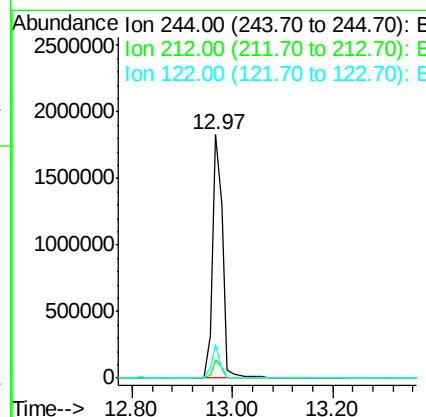
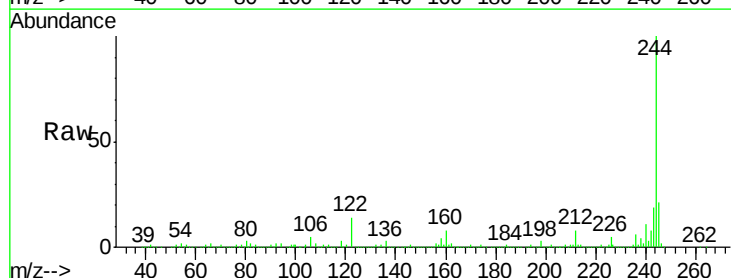
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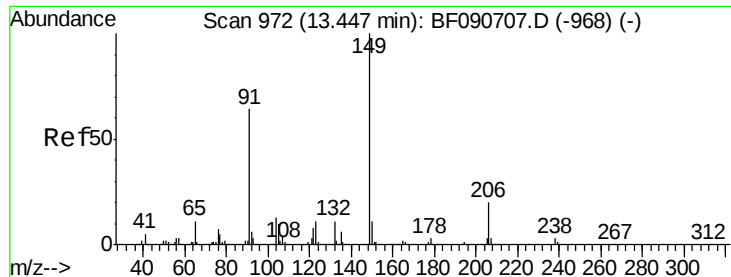
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#78
Terphenyl-d14
Concen: 98.17 ng
RT: 12.97 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	14.0	17.4	26.2#





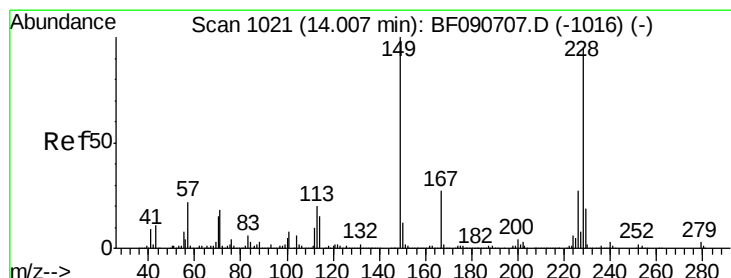
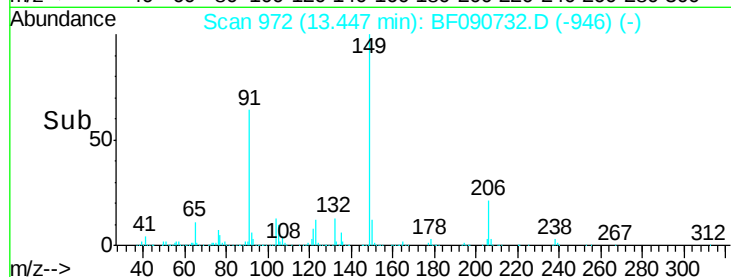
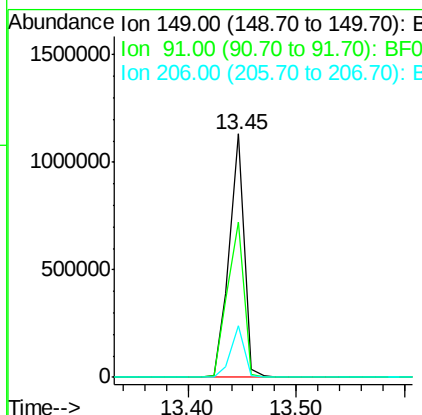
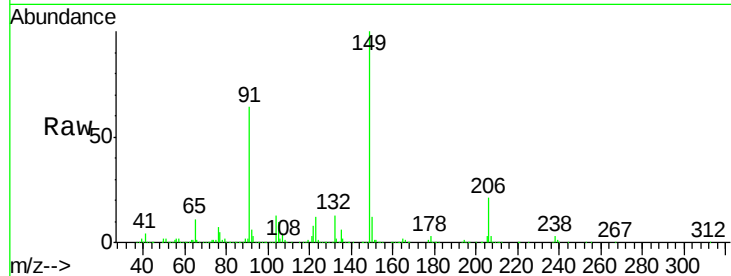
#79
Butylbenzylphthalate
Concen: 57.18 ng
RT: 13.45 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.8	48.6	72.8
206	21.1	14.9	22.3

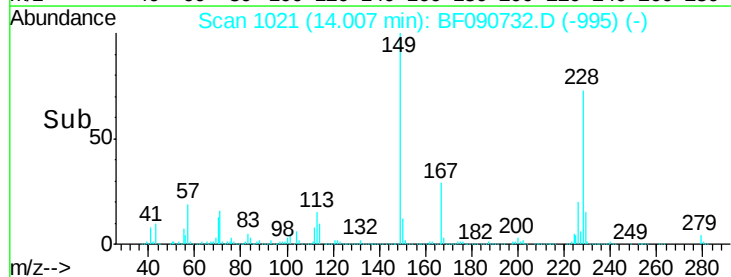
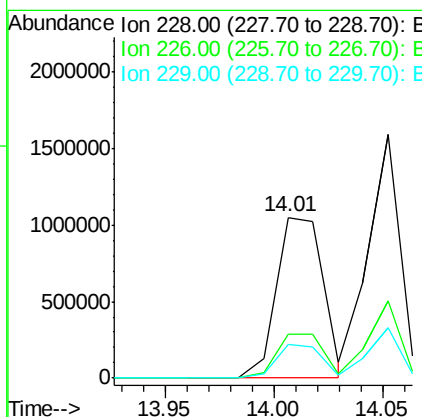
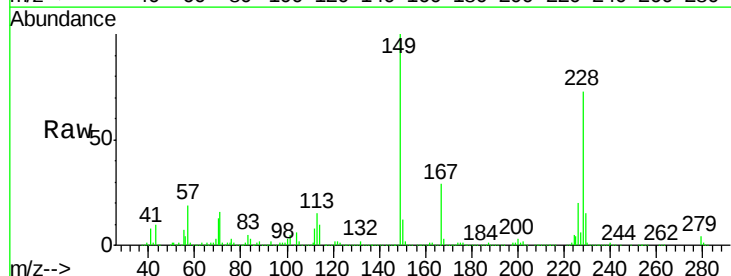
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#80
Benzo(a)anthracene
Concen: 48.95 ng
RT: 14.01 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	20.0	30.0
229	20.7	15.4	23.2





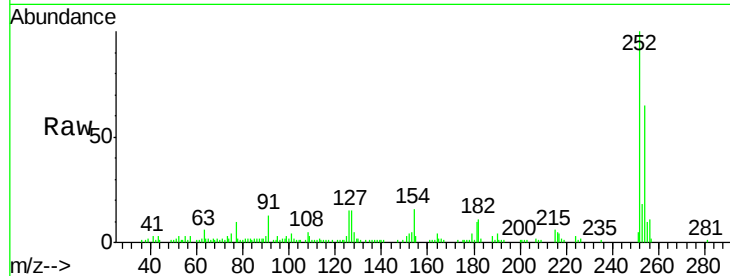
#81
 3,3'-Dichlorobenzidine
 Concen: 6.37 ng
 RT: 13.97 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

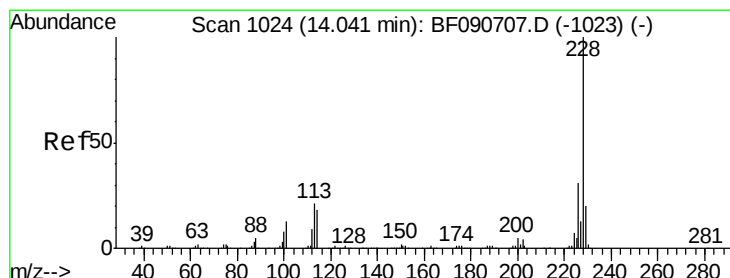
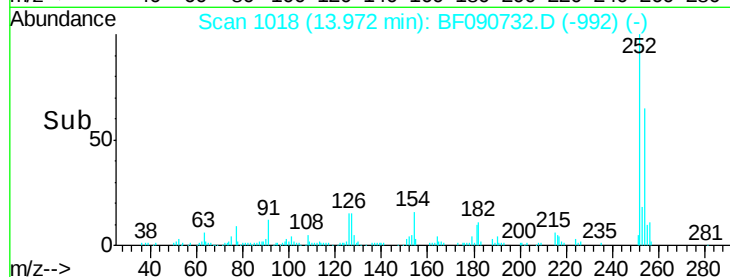
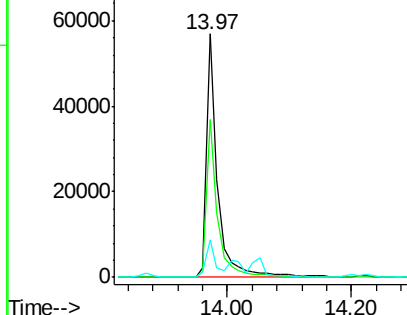
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.4	77.2
126	15.4	16.4	24.6

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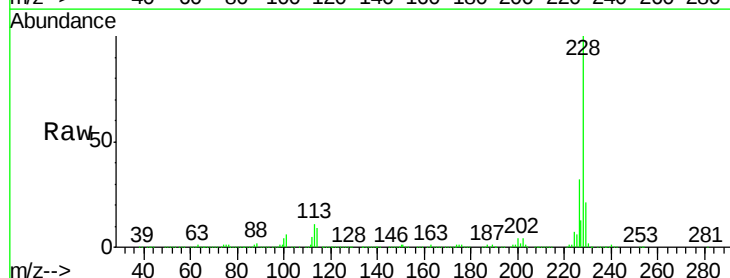


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

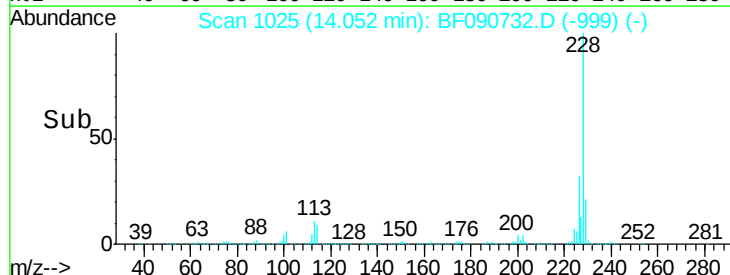
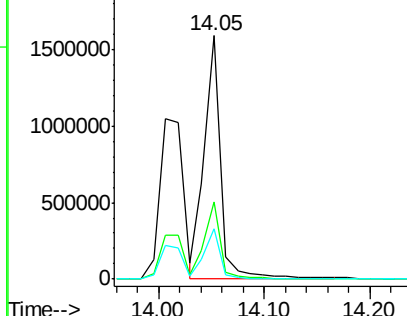


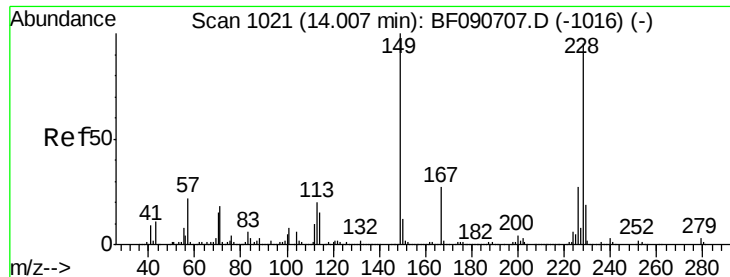
#82
 Chrysene
 Concen: 55.59 ng m
 RT: 14.05 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	21.0	31.4
229	20.7	15.6	23.4



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





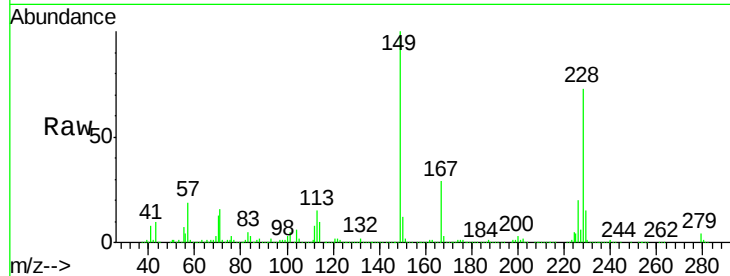
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.62 ng
 RT: 14.01 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

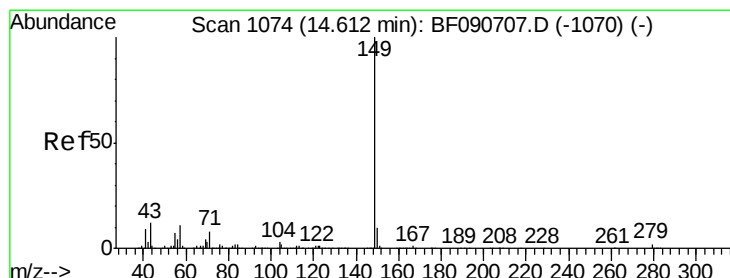
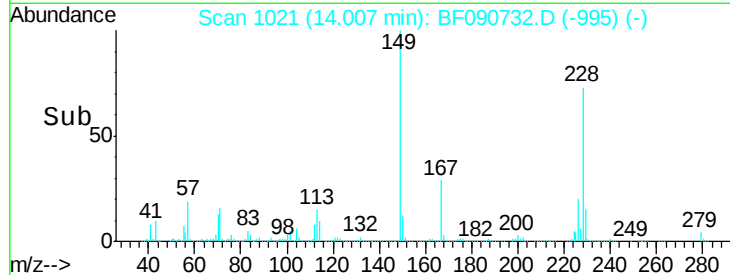
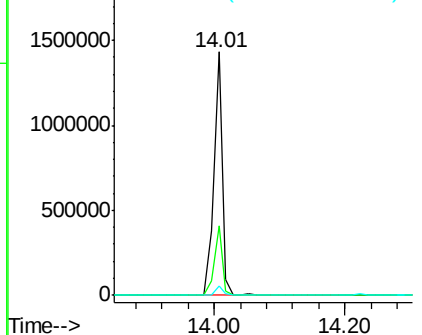
Tot Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.2	36.2
279	3.9	3.8	5.6

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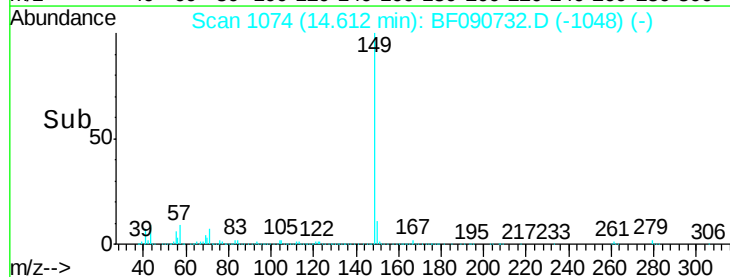
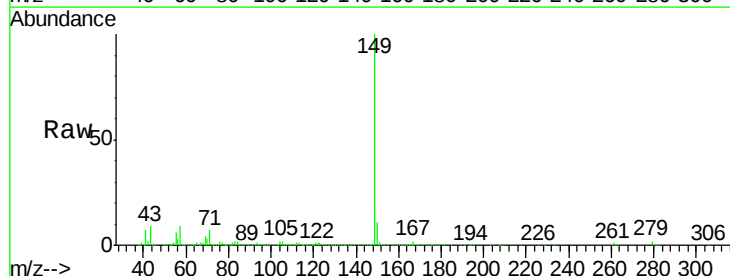
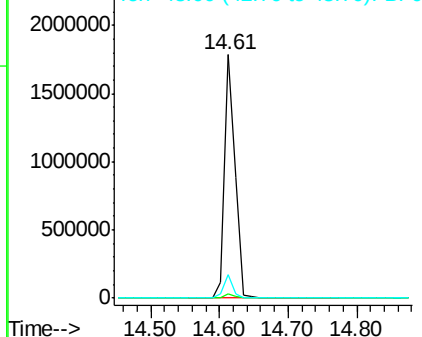
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

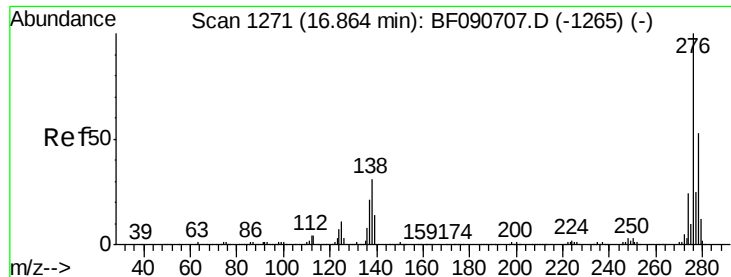


#84
 Di-n-octyl phthalate
 Concen: 47.32 ng
 RT: 14.61 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.0	1.6#
43	8.4	10.2	15.2#

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





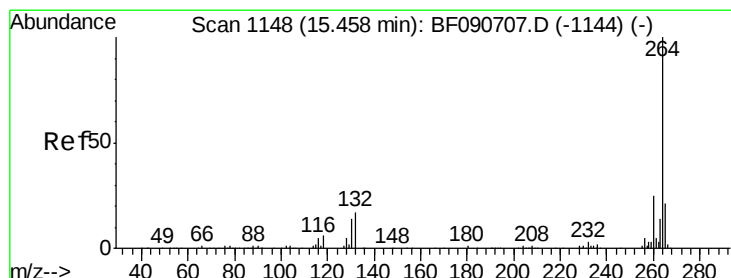
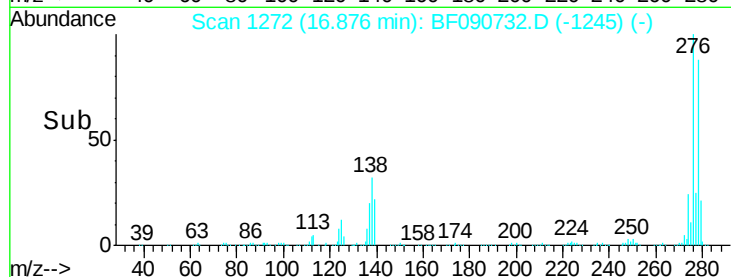
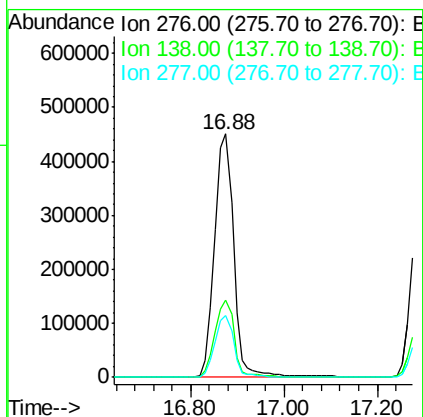
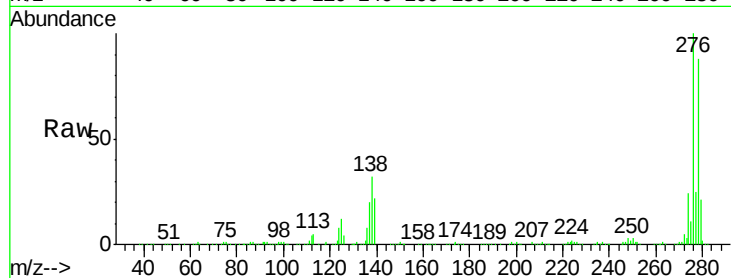
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.25 ng
RT: 16.88 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

Tot Ion:276 Resp: 1297500
Ion Ratio Lower Upper
276 100
138 32.3 25.7 38.5
277 25.5 15.6 23.4#

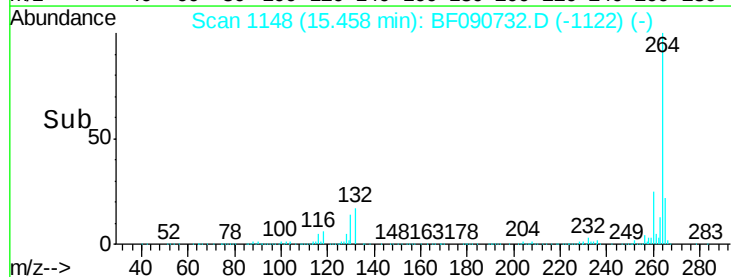
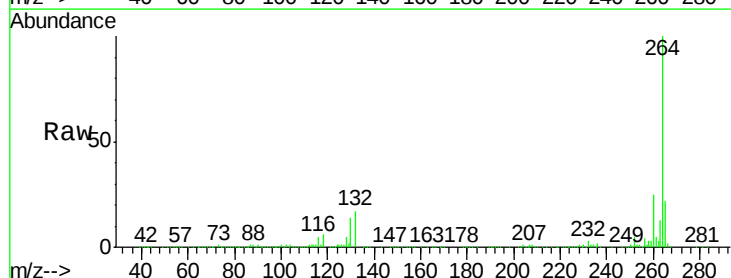
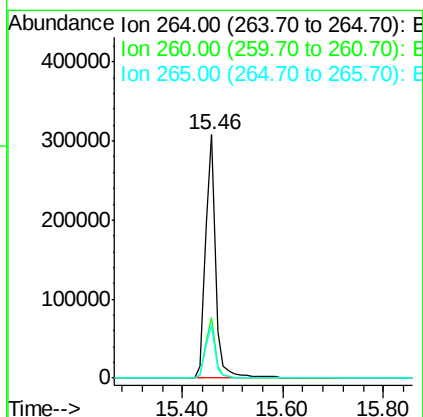
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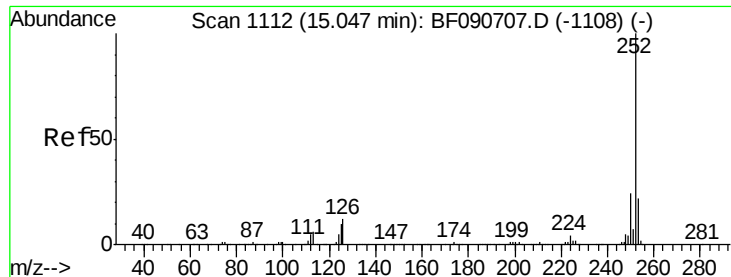
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion:264 Resp: 434824
Ion Ratio Lower Upper
264 100
260 24.9 16.7 25.1
265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 50.35 ng

RT: 15.05 min Scan# 1112

Delta R.T. 0.00 min

Lab File: BF090732.D

Acq: 22 Oct 2016 1:27

Instrument :

BNA_F

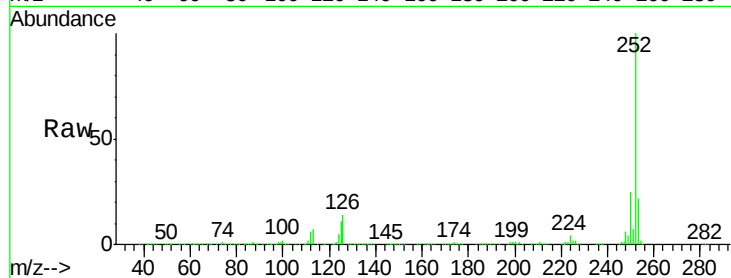
ClientSampleId :

MW-102DMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.0	17.1	25.7

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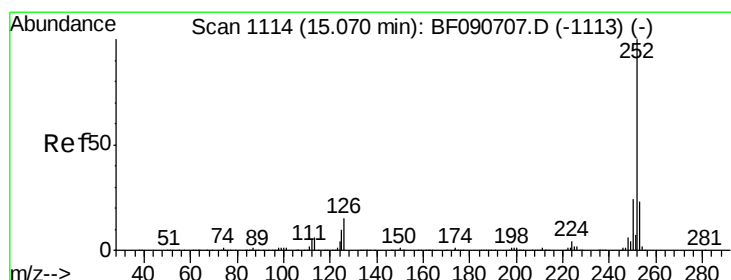
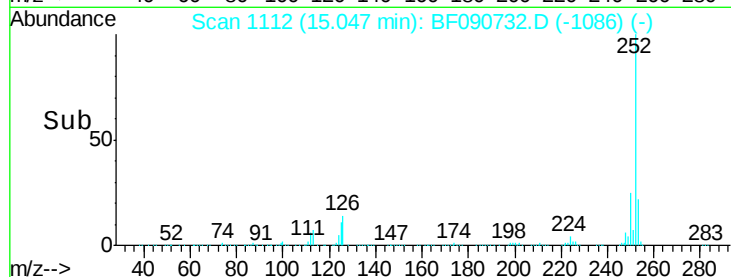
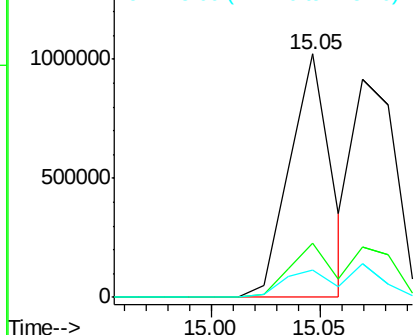
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.83 ng m

RT: 15.07 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BF090732.D

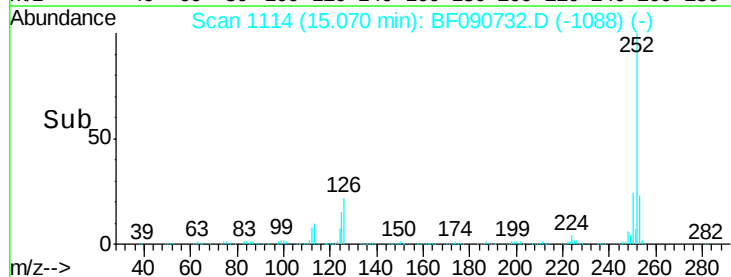
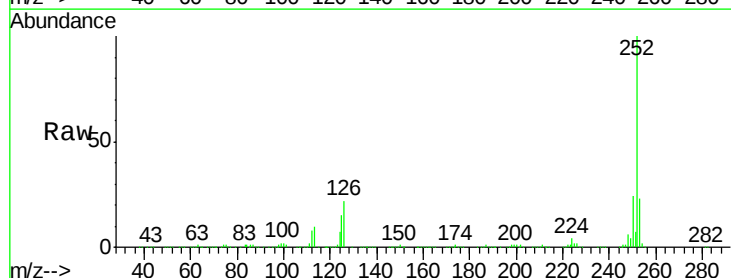
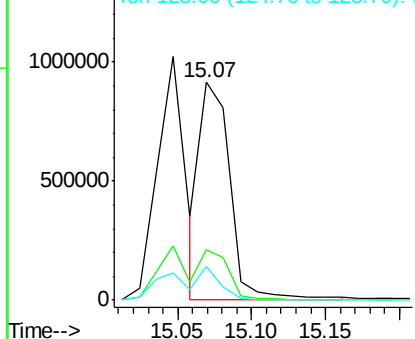
Acq: 22 Oct 2016 1:27

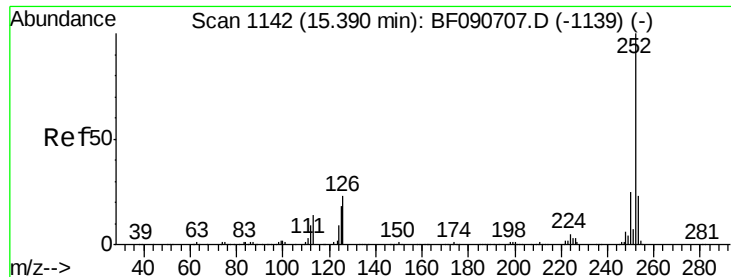
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	15.3	16.0	24.0

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





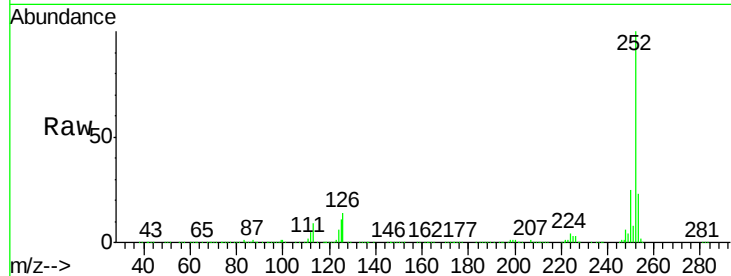
#89
Benzo(a)pyrene
Concen: 48.60 ng
RT: 15.40 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Instrument :
BNA_F
ClientSampleId :
MW-102DMS

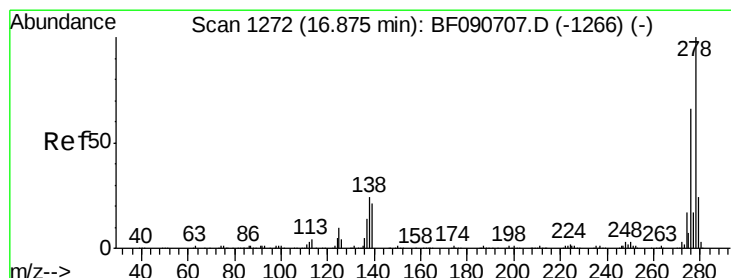
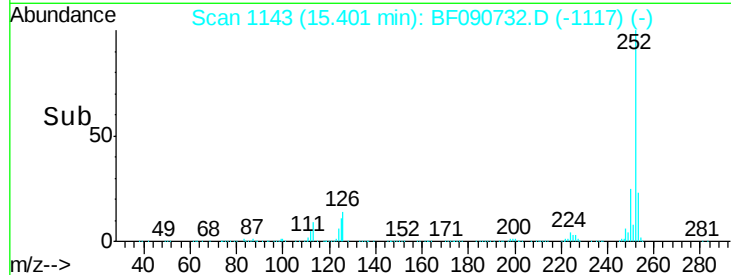
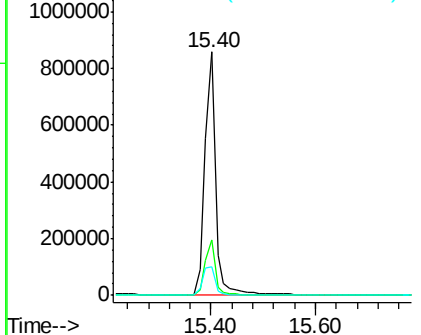
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	11.5	18.0	27.0

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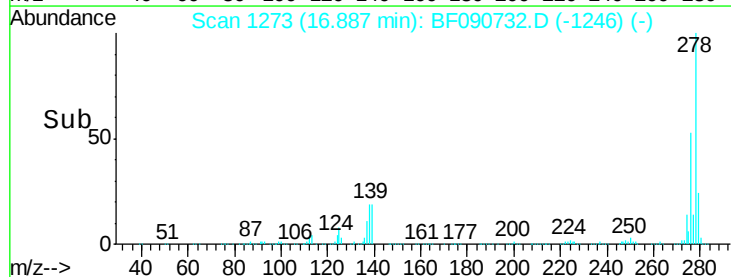
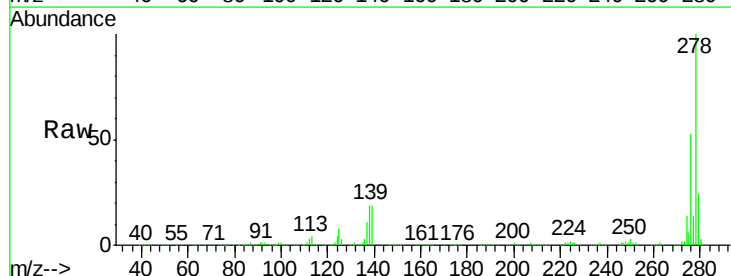
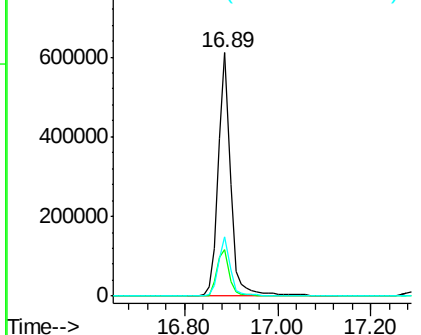
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

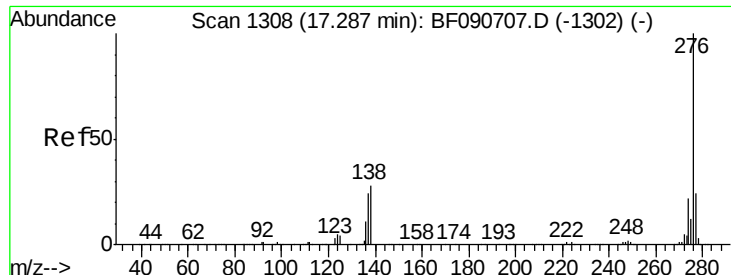


#90
Dibenzo(a,h)anthracene
Concen: 46.61 ng
RT: 16.89 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BF090732.D
Acq: 22 Oct 2016 1:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	26.3	39.5
279	24.2	18.2	27.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 44.69 ng
 RT: 17.30 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF090732.D
 Acq: 22 Oct 2016 1:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-102DMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.8	26.6
138	26.0	34.6	51.8

Manual Integrations
 APPROVED

sohil
 10/24/2016 3:53:17 PM

