

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091107.D
 Acq On : 9 Nov 2016 3:43
 Operator : UM/SJ
 Sample : H5593-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Manual Integrations
 APPROVED

umangi
 11/9/2016 10:57:00 AM

Quant Time: Nov 09 06:13:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	181039	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	758738	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	362994	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	486834	20.00	ng	0.00
75) Chrysene-d12	13.81	240	367940	20.00	ng	0.00
86) Perylene-d12	15.19	264	340936	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1344670	122.67	ng	0.02
7) Phenol-d6	6.33	99	1593136	107.08	ng	0.01
23) Nitrobenzene-d5	7.24	82	1096900	78.86	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	326555	99.51	ng	0.00
44) 2-Fluorobiphenyl	9.04	172	1653756	78.44	ng	0.00
78) Terphenyl-d14	12.76	244	1145038	77.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	180455	28.78	ng	# 96
3) Pyridine	2.84	79	519444	35.41	ng	94
4) n-Nitrosodimethylamine	2.81	42	209633	36.13	ng	95
6) Aniline	6.33	93	238788	13.61	ng	# 44
8) 2-Chlorophenol	6.45	128	511165	39.09	ng	89
9) Benzaldehyde	6.20	77	53652	6.50	ng	94
10) Phenol	6.34	94	764607	46.43	ng	# 59
11) bis(2-Chloroethyl)ether	6.41	93	572215	41.24	ng	93
12) 1,3-Dichlorobenzene	6.60	146	502078	37.97	ng	97
13) 1,4-Dichlorobenzene	6.68	146	523253	36.88	ng	98
14) 1,2-Dichlorobenzene	6.83	146	473265	36.34	ng	97
15) Benzyl Alcohol	6.82	79	388668	37.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	681092	34.28	ng	86
17) 2-Methylphenol	6.94	107	406731	39.29	ng	96
18) Hexachloroethane	7.17	117	196280	35.74	ng	96
19) n-Nitroso-di-n-propylamine	7.09	70	416652	40.41	ng	95
20) 3+4-Methylphenols	7.10	107	523634	42.13	ng	96
22) Acetophenone	7.08	105	691444	39.58	ng	# 95
24) Nitrobenzene	7.25	77	553742	36.05	ng	93
25) Isophorone	7.49	82	981146	36.61	ng	97
26) 2-Nitrophenol	7.57	139	250154	38.48	ng	# 81
27) 2,4-Dimethylphenol	7.63	122	431295	40.12	ng	97
28) bis(2-Chloroethoxy)methane	7.71	93	595307	40.66	ng	99
29) 2,4-Dichlorophenol	7.82	162	369530	39.38	ng	96
30) 1,2,4-Trichlorobenzene	7.89	180	394190	37.36	ng	97
31) Naphthalene	7.97	128	1404044	38.69	ng	99
32) Benzoic acid	7.73	122	55584	11.00	ng	96
33) 4-Chloroaniline	8.04	127	124822	8.27	ng	# 95
34) Hexachlorobutadiene	8.09	225	210861	37.03	ng	99
35) Caprolactam	8.40	113	114581m	38.87	ng	
36) 4-Chloro-3-methylphenol	8.53	107	440419	38.77	ng	92
37) 2-Methylnaphthalene	8.66	142	840930	36.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	362806	39.20	ng	98
40) Hexachlorocyclopentadiene	8.82	237	99660	32.25	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	237940	39.83	nq	98
43) 2,4,5-Trichlorophenol	9.00	196	257550	41.06	nq	97
45) 1,1'-Biphenyl	9.13	154	1031105	38.90	nq	100
46) 2-Chloronaphthalene	9.15	162	823446	40.92	nq	99
47) 2-Nitroaniline	9.25	65	285344	38.21	nq	87
48) Acenaphthylene	9.56	152	1183226	37.73	nq	100
49) Dimethylphthalate	9.44	163	1093877	45.96	nq	100
50) 2,6-Dinitrotoluene	9.50	165	194297	38.09	nq	# 53
51) Acenaphthene	9.73	154	705160	35.81	nq	99
52) 3-Nitroaniline	9.66	138	149239	24.67	nq	97
53) 2,4-Dinitrophenol	9.79	184	17387	12.03	nq	# 68
54) Dibenzofuran	9.90	168	1003244	37.85	nq	99
55) 4-Nitrophenol	9.85	139	215556	55.41	nq	90
56) 2,4-Dinitrotoluene	9.90	165	266655	41.09	nq	# 86
57) Fluorene	10.25	166	813997	37.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	185259	37.70	nq	97
59) Diethylphthalate	10.13	149	945909	38.76	nq	99
60) 4-Chlorophenyl-phenylether	10.25	204	386062	39.16	nq	98
61) 4-Nitroaniline	10.28	138	175662	28.71	nq	98
62) Azobenzene	10.40	77	1053205	36.66	nq	82
64) 4,6-Dinitro-2-methylphenol	10.32	198	21634	7.26	nq	# 58
65) n-Nitrosodiphenylamine	10.36	169	682999	44.14	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	224026	44.24	nq	90
67) Hexachlorobenzene	10.80	284	251007	44.94	nq	93
68) Atrazine	10.90	200	220375	49.37	nq	98
69) Pentachlorophenol	10.99	266	186036	75.21	nq	98
70) Phenanthrene	11.21	178	1131402	43.72	nq	99
71) Anthracene	11.25	178	1063441	38.65	nq	100
72) Carbazole	11.41	167	900605	36.32	nq	100
73) Di-n-butylphthalate	11.76	149	1358746	43.57	nq	100
74) Fluoranthene	12.38	202	969613	36.12	nq	97
76) Benzidine	12.52	184	163834	19.93	nq	96
77) Pyrene	12.61	202	992965	41.21	nq	99
79) Butylbenzylphthalate	13.24	149	478010	41.47	nq	84
80) Benzo(a)anthracene	13.80	228	839683	40.19	nq	100
81) 3,3'-Dichlorobenzidine	13.77	252	203415	27.72	nq	# 99
82) Chrysene	13.84	228	836412	40.60	nq	98
83) Bis(2-ethylhexyl)phthalate	13.80	149	621978	39.88	nq	# 99
84) Di-n-octyl phthalate	14.41	149	1026870	40.04	nq	97
85) Indeno(1,2,3-cd)pyrene	16.48	276	687948	40.25	nq	99
87) Benzo(b)fluoranthene	14.81	252	872588m	37.74	nq	
88) Benzo(k)fluoranthene	14.83	252	725400m	35.76	nq	
89) Benzo(a)pyrene	15.13	252	746700	37.09	nq	# 96
90) Dibenzo(a,h)anthracene	16.49	278	574674	33.02	nq	98
91) Benzo(g,h,i)perylene	16.85	276	527455	33.52	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. -0.00 min

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BNA_F

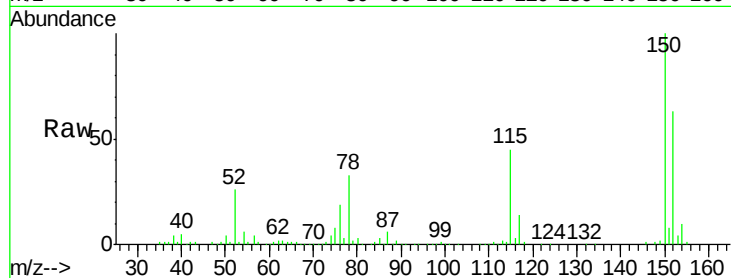
ClientSampleId :

WEST-SIDEWALLMSD

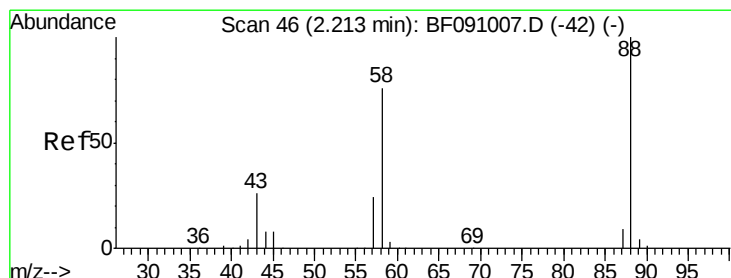
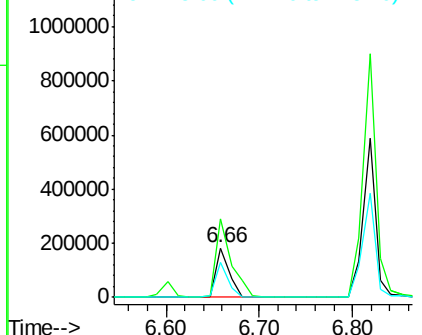
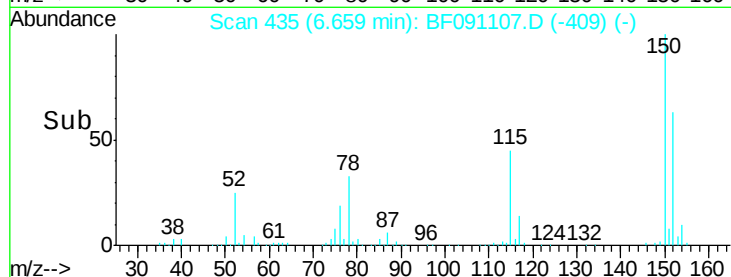
Tot Ion:	152	Resp:	181039
Ion Ratio	Lower	Upper	
152	100		
150	159.7	126.8	190.2
115	71.5	53.3	79.9

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



#2

1,4-Dioxane

Concen: 28.78 ng

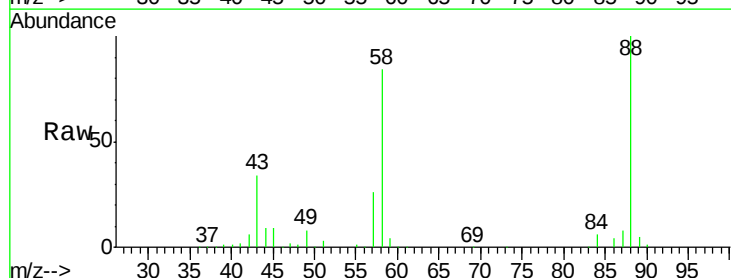
RT: 2.19 min Scan# 44

Delta R.T. 0.05 min

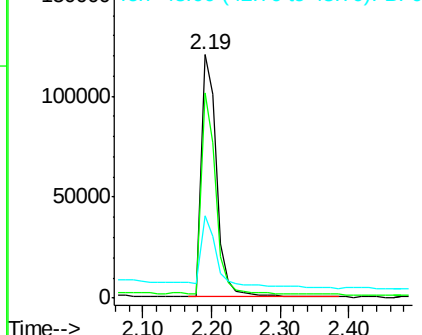
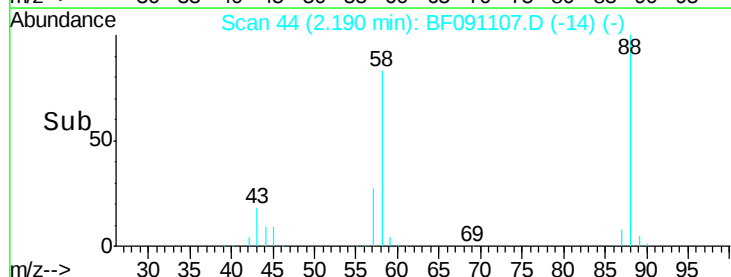
Lab File: BF091107.D

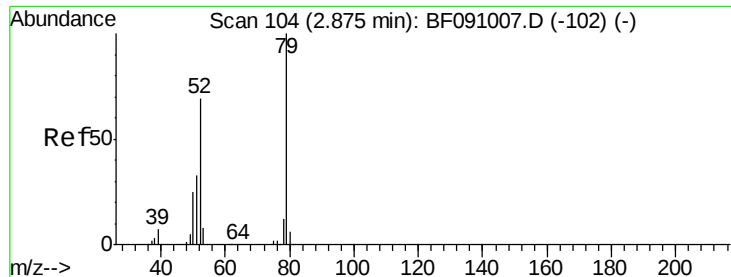
Acq: 9 Nov 2016 3:43

Tgt Ion:	88	Resp:	180455
Ion Ratio	Lower	Upper	
88	100		
58	78.7	63.8	95.6
43	34.1	22.6	33.8#



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





#3

Pvridine

Concen: 35.41 ng

RT: 2.84 min Scan# 101

Delta R.T. 0.06 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

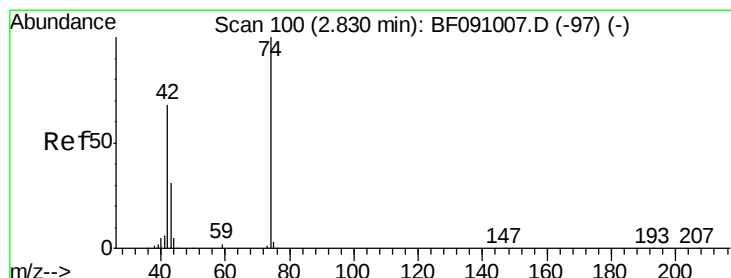
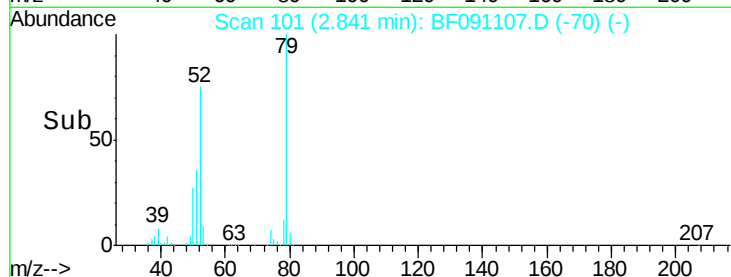
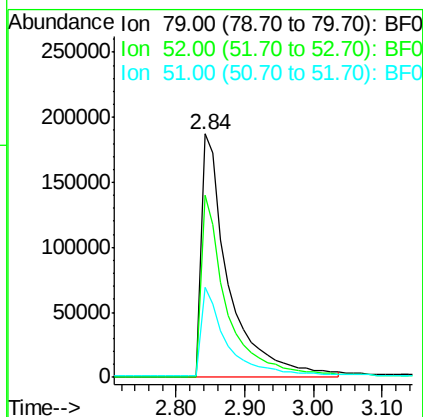
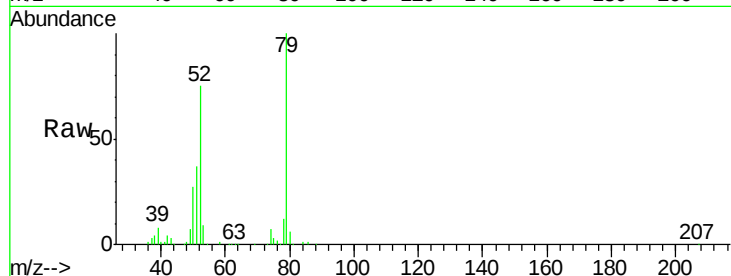
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		519444		
52	74.9		55.4	83.0	
51	36.7		27.4	41.0	

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#4

n-Nitrosodimethylamine

Concen: 36.13 ng

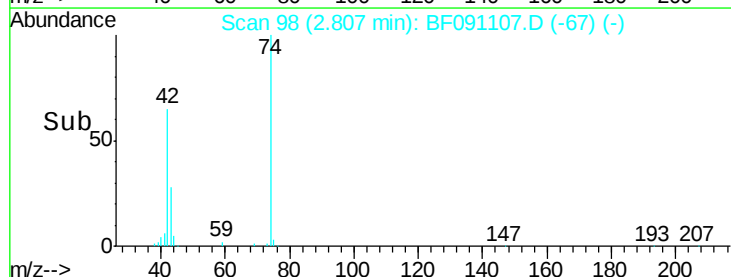
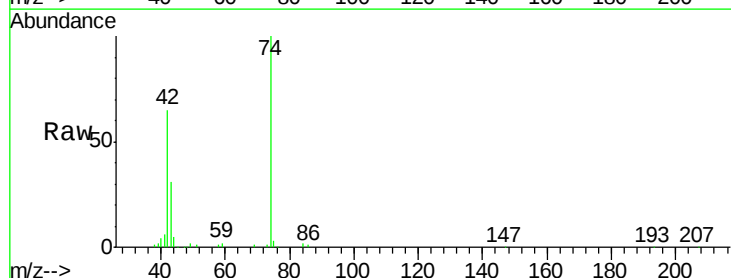
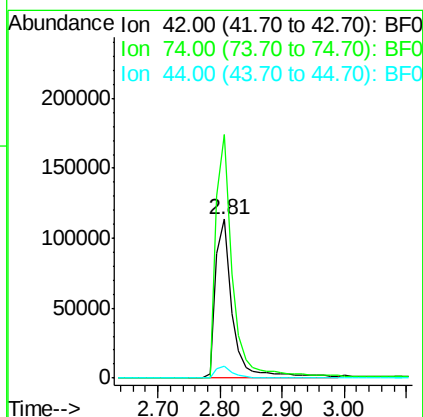
RT: 2.81 min Scan# 98

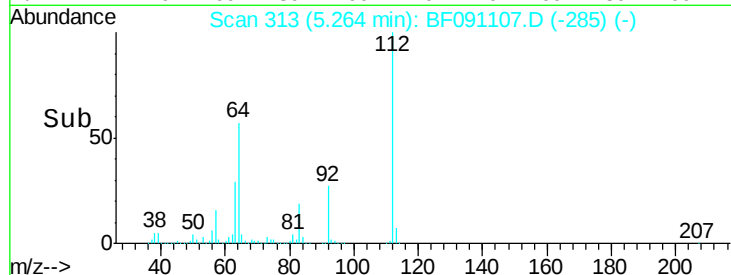
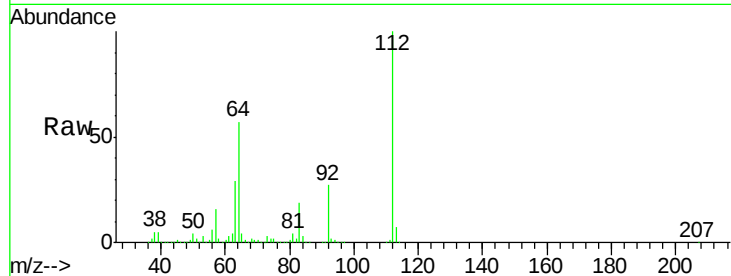
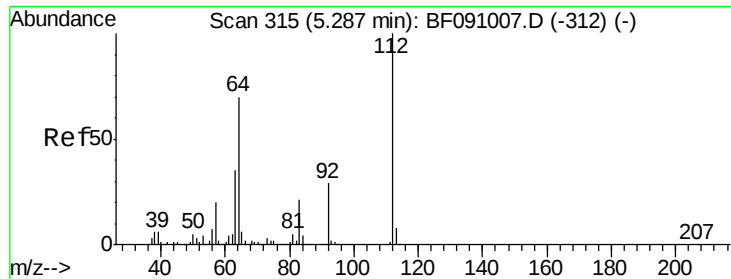
Delta R.T. 0.06 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		209633		
74	153.2		117.3	175.9	
44	7.3		5.8	8.8	





#5

2-Fluorophenol

Concen: 122.67 ng

RT: 5.26 min Scan# 313

Delta R.T. 0.02 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tot Ion:	112	Resp:	1344670
Ion	Ratio	Lower	Upper
112	100		
64	57.4	55.8	83.6
63	28.8	28.0	42.0

Instrument :

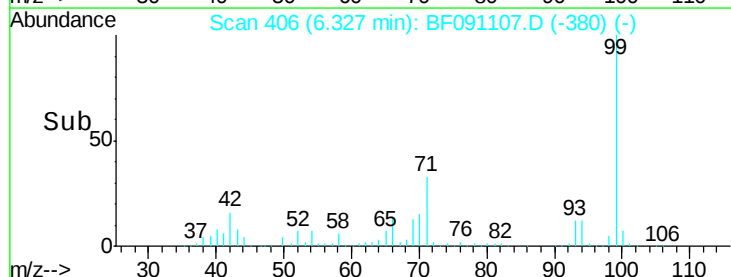
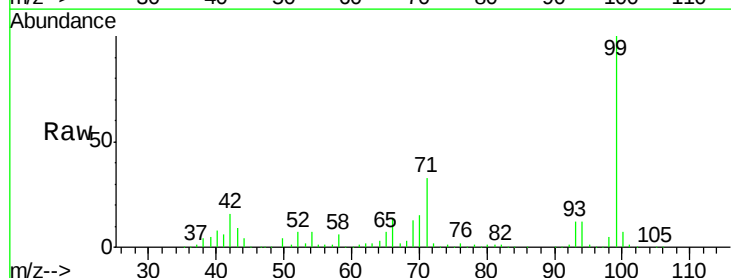
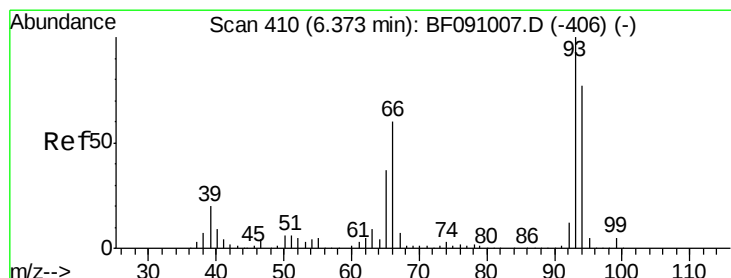
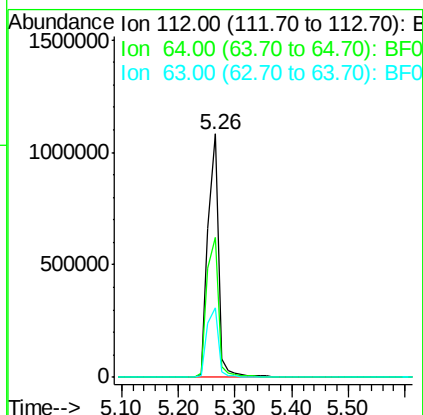
BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

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#6

Aniline

Concen: 13.61 ng

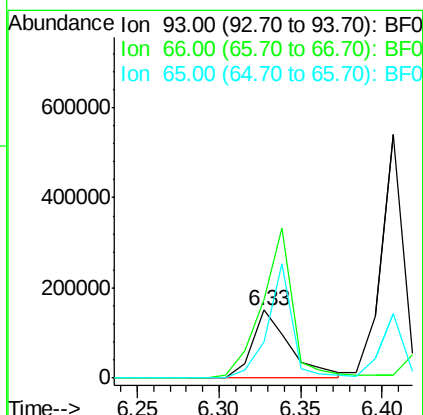
RT: 6.33 min Scan# 406

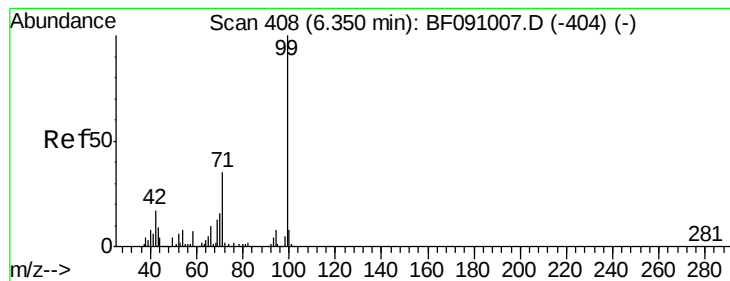
Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion:	93	Resp:	238788
Ion	Ratio	Lower	Upper
93	100		
66	115.1	48.2	72.2#
65	54.1	29.4	44.0#





#7

Phenol-d6

Concen: 107.08 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion: 99 Resp: 1593136

Ion Ratio Lower Upper

99 100

42 16.4 13.9 20.9

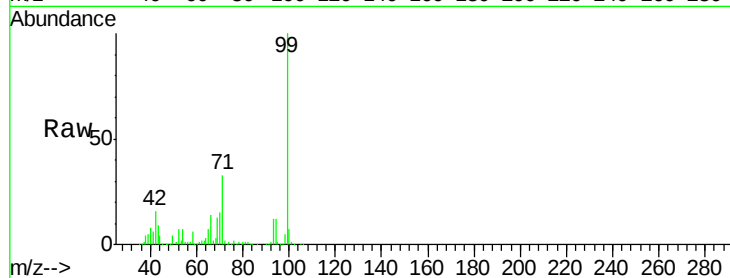
71 33.5 27.8 41.8

Manual Integrations

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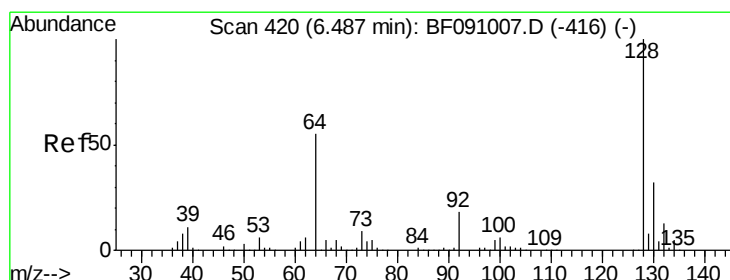
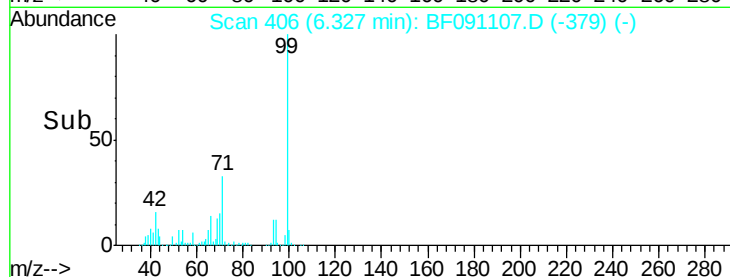
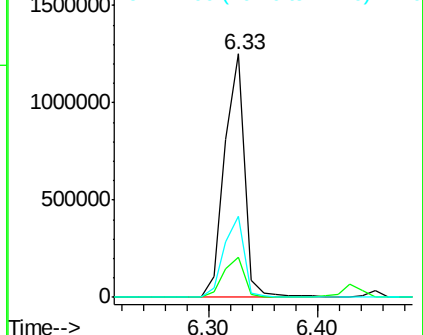
11/9/2016 10:57:00 AM



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.09 ng

RT: 6.45 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

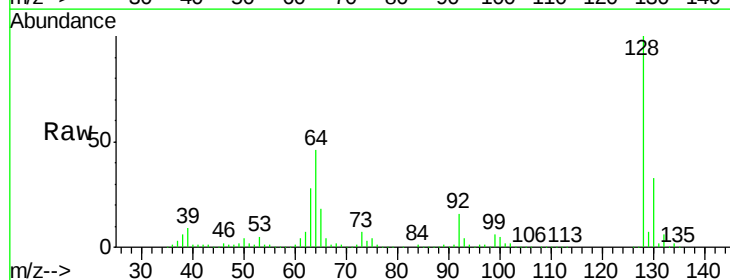
Tgt Ion: 128 Resp: 511165

Ion Ratio Lower Upper

128 100

130 33.4 12.0 52.0

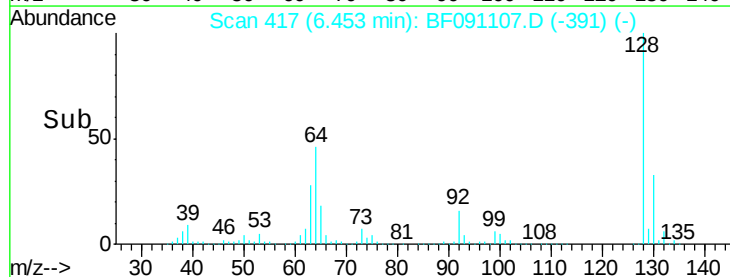
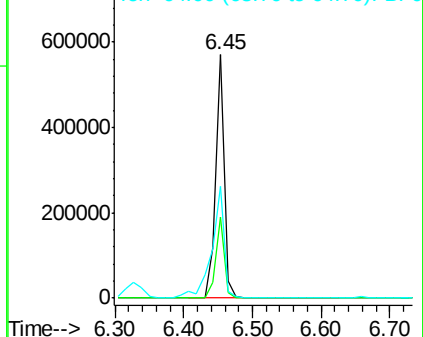
64 46.0 37.2 77.2

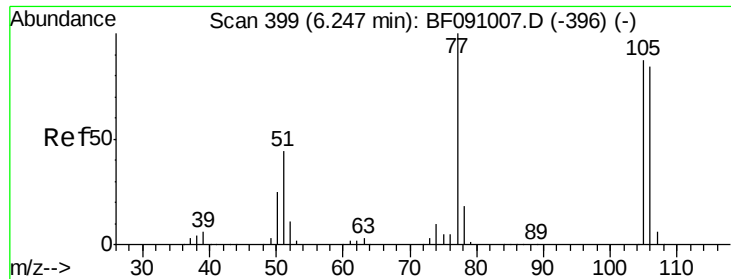


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





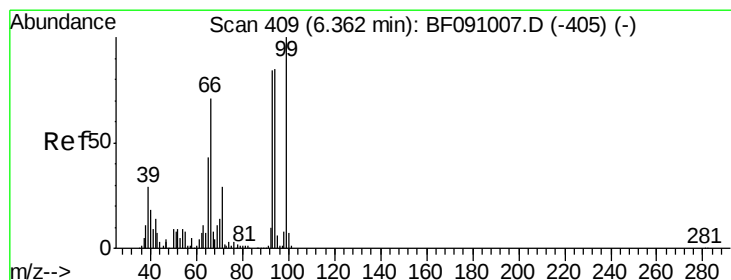
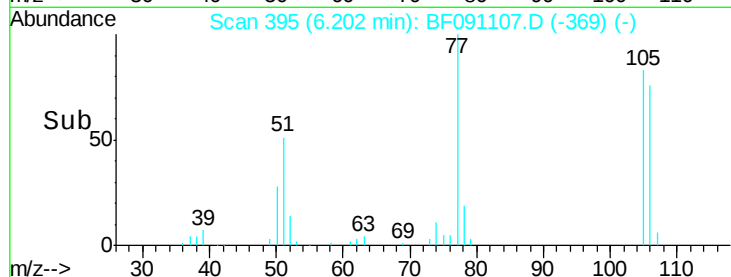
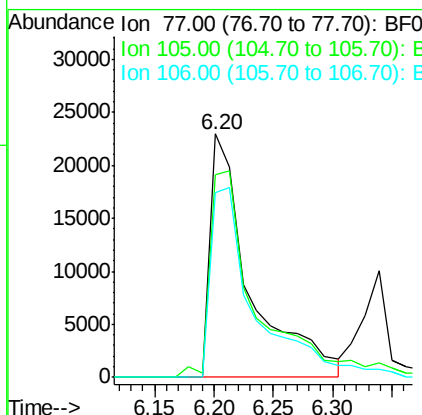
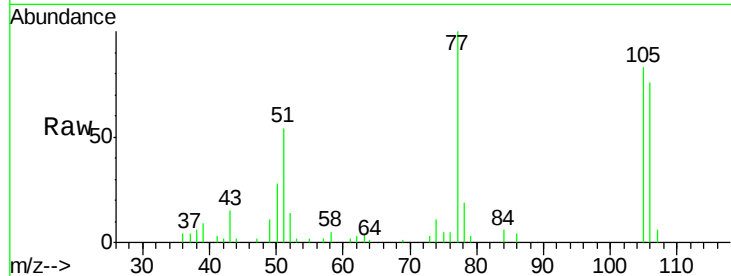
#9
Benzaldehyde
Concen: 6.50 ng
RT: 6.20 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	83.1	66.8	106.8
106	76.1	64.0	104.0

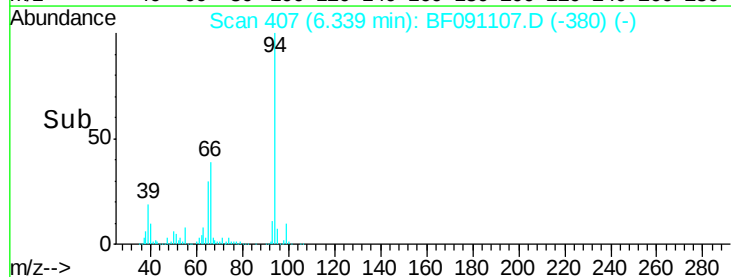
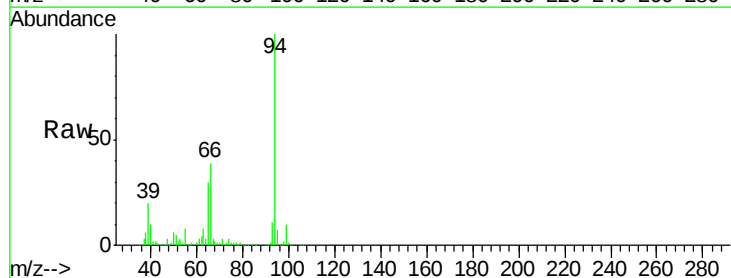
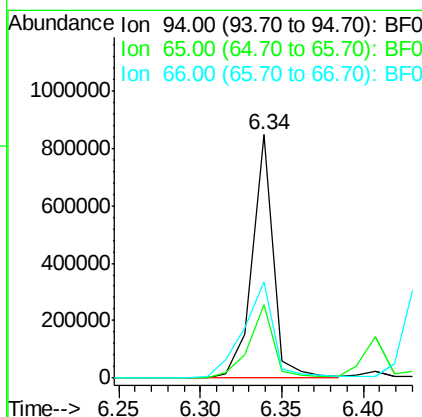
Manual Integrations
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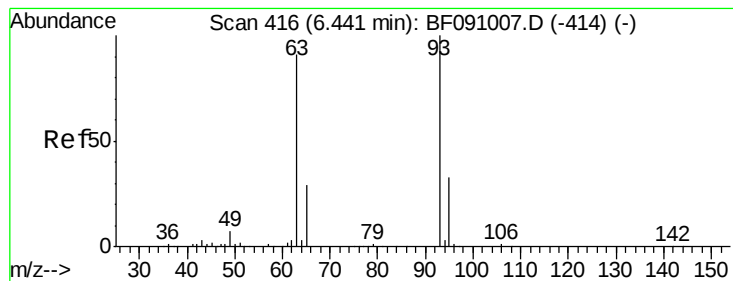
umangi
11/9/2016 10:57:00 AM



#10
Phenol
Concen: 46.43 ng
RT: 6.34 min Scan# 407
Delta R.T. 0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	30.4	70.4#
66	39.4	62.9	102.9#





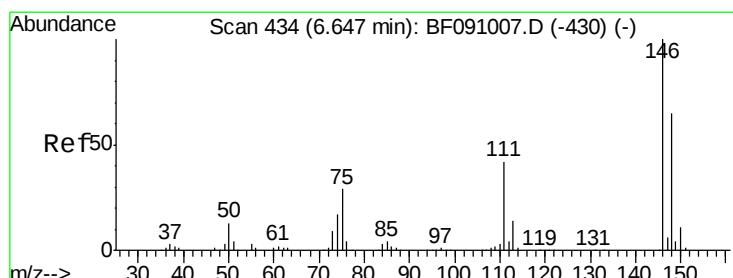
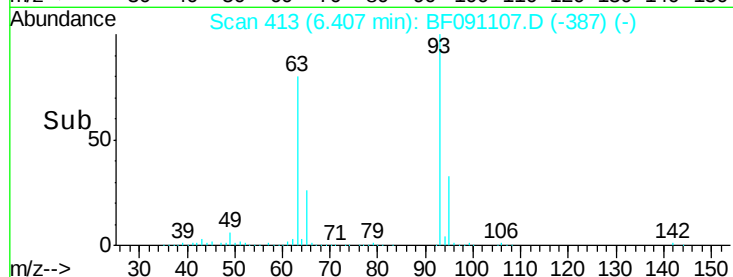
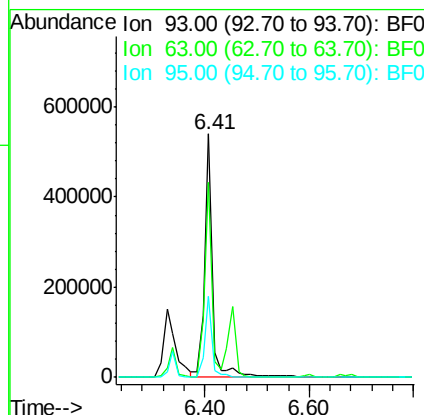
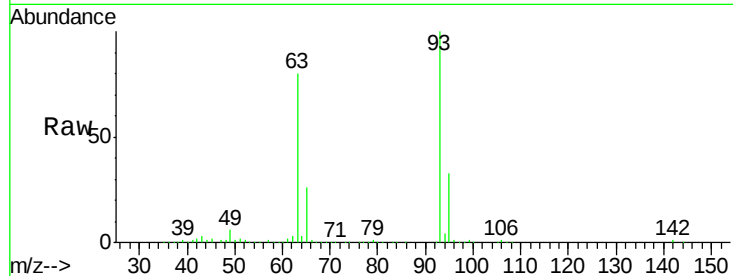
#11
bis(2-Chloroethyl)ether
Concen: 41.24 ng
RT: 6.41 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.3	68.9	108.9
95	33.4	12.3	52.3

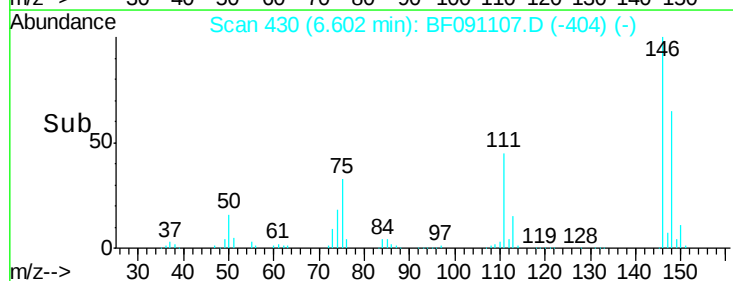
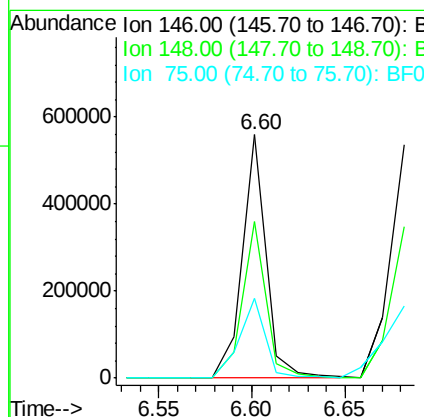
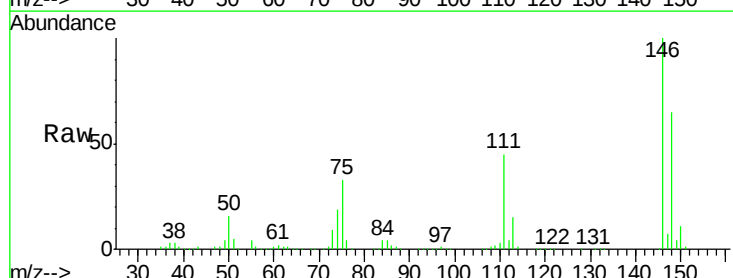
Manual Integrations
APPROVED

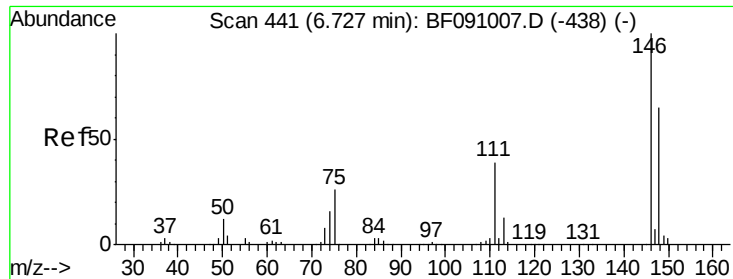
umangi
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#12
1,3-Dichlorobenzene
Concen: 37.97 ng
RT: 6.60 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.0	78.0
75	32.8	23.0	34.6





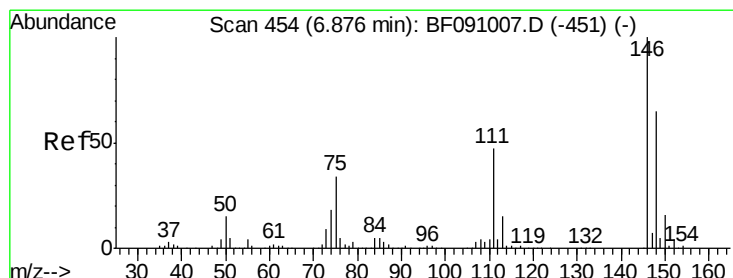
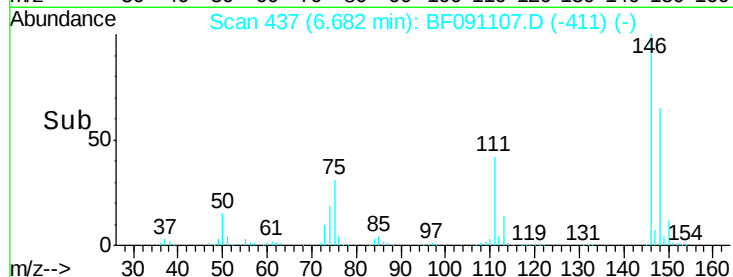
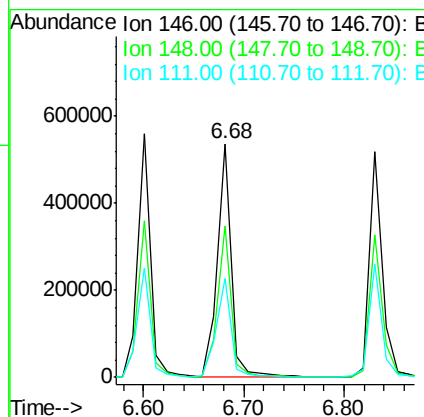
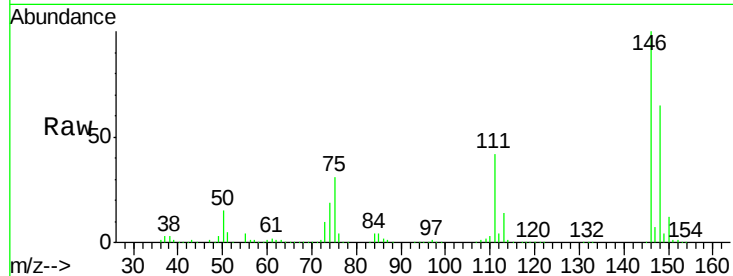
#13
1,4-Dichlorobenzene
Concen: 36.88 ng
RT: 6.68 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
111	42.3	31.6	47.4

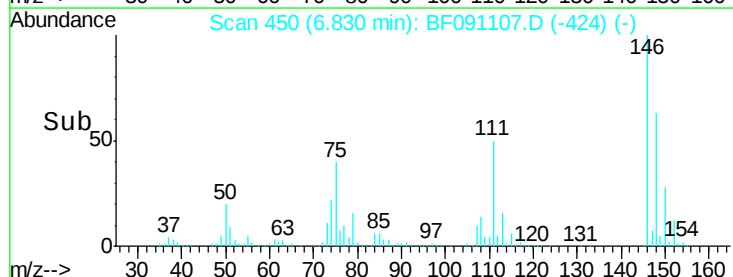
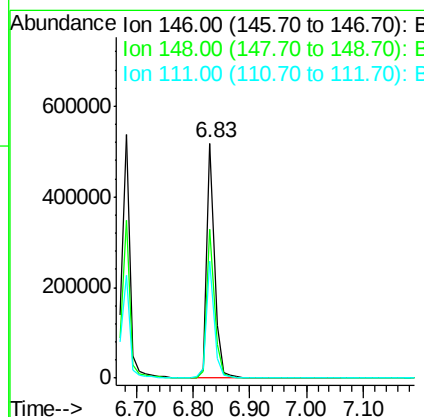
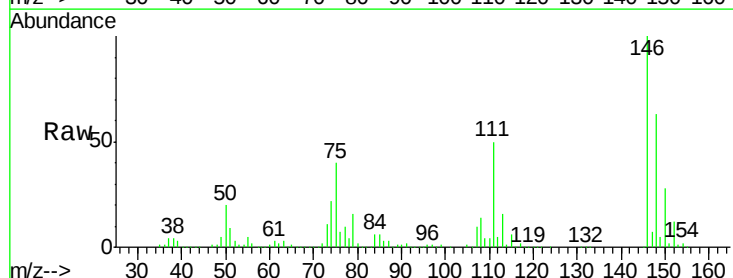
Manual Integrations
APPROVED

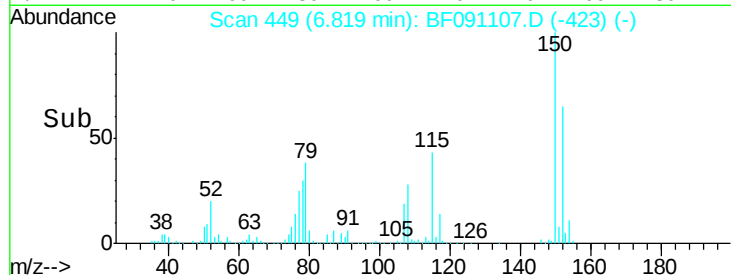
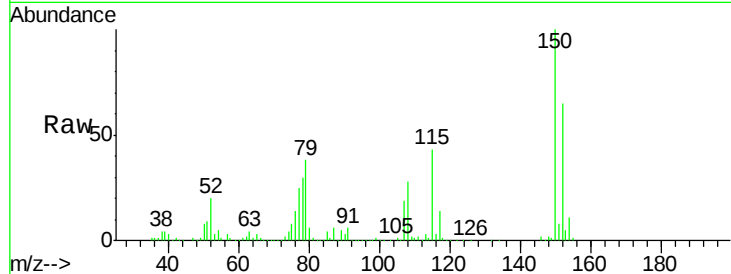
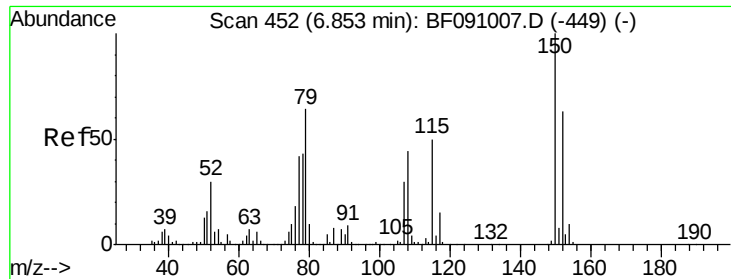
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#14
1,2-Dichlorobenzene
Concen: 36.34 ng
RT: 6.83 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.6	77.4
111	49.9	37.3	55.9





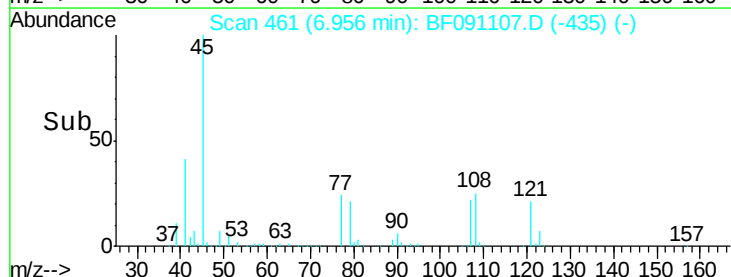
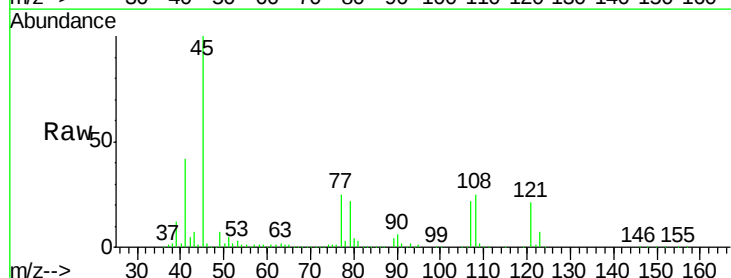
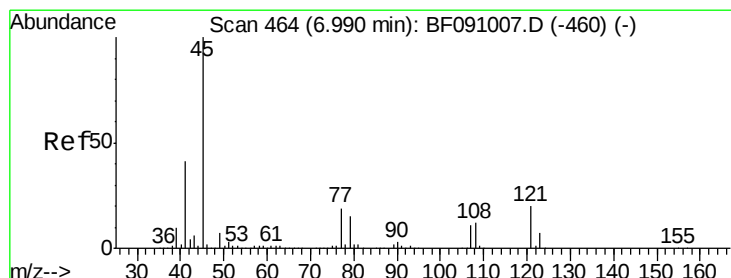
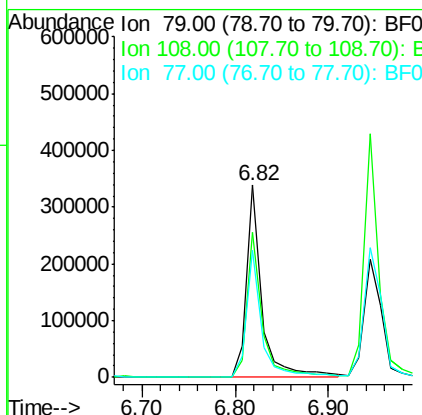
#15
Benzyl Alcohol
Concen: 37.03 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	75.4	55.7	83.5		
77	65.9	52.6	79.0		

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

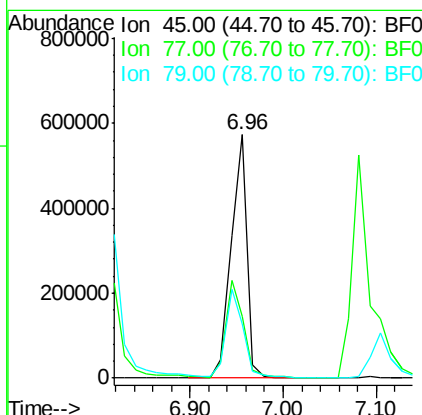
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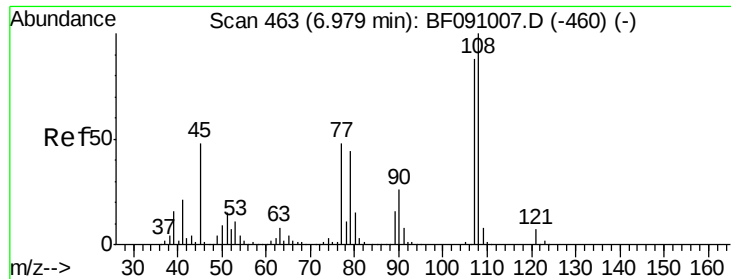
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.28 ng
RT: 6.96 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	25.5	0.0	39.6		
79	22.1	0.0	35.9		





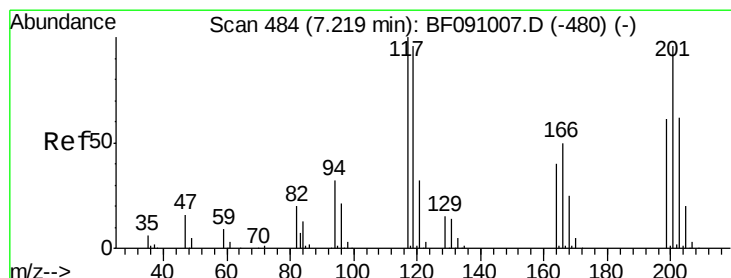
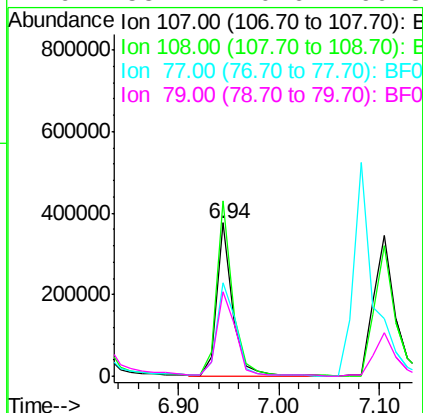
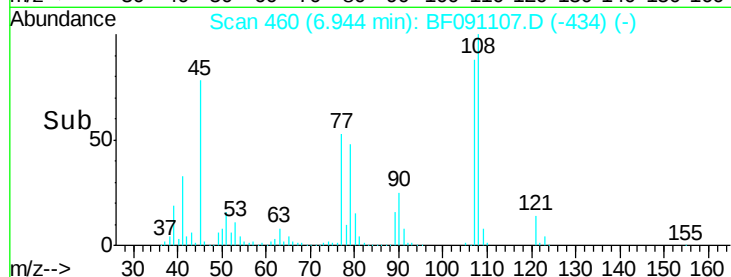
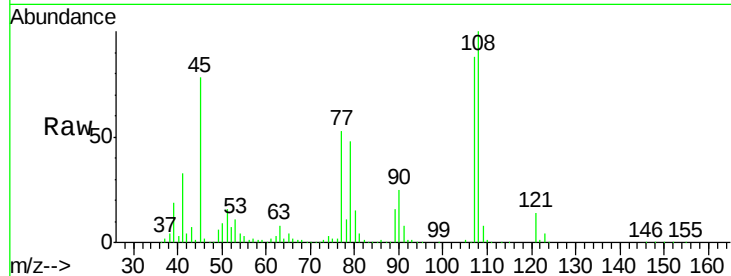
#17
2-Methylphenol
Concen: 39.29 ng
RT: 6.94 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	91.0	136.6	
77	60.7	43.8	65.8	
79	55.2	40.6	60.8	

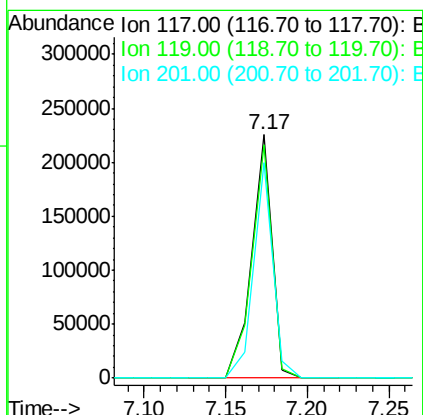
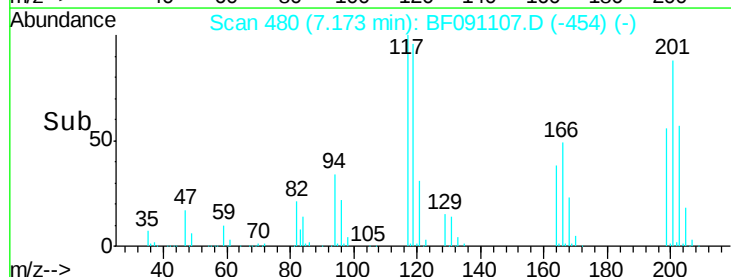
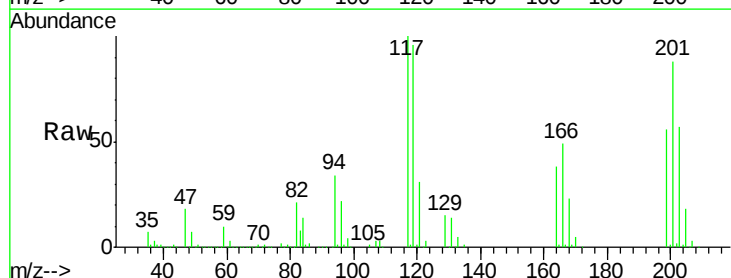
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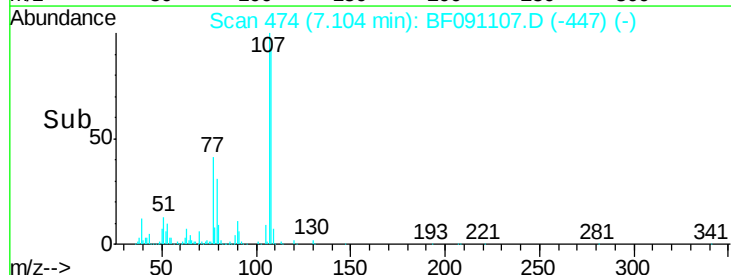
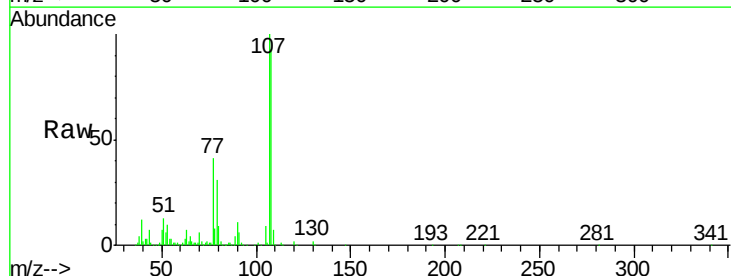
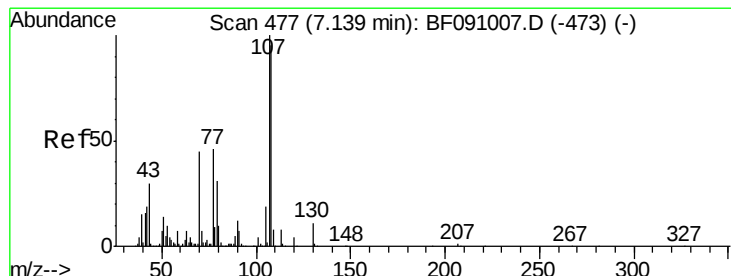
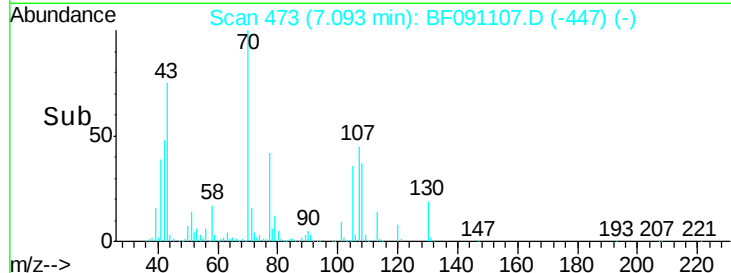
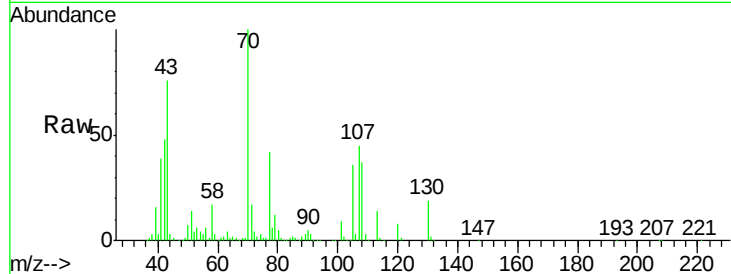
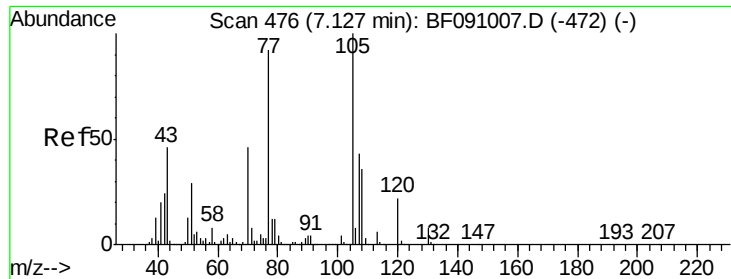
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#18
Hexachloroethane
Concen: 35.74 ng
RT: 7.17 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

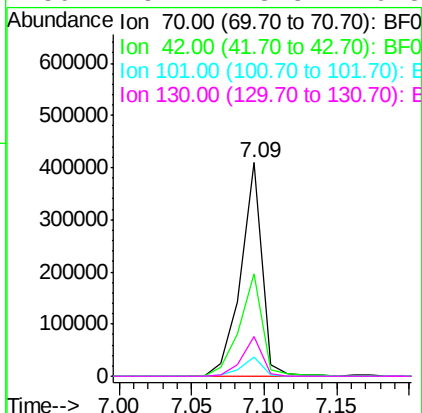
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.6	115.0	
201	88.3	77.1	115.7	





#19
n-Nitroso-di-n-propylamine
Concen: 40.41 ng
RT: 7.09 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.2	41.7	62.5	
101	8.8	6.7	10.1	
130	18.7	13.8	20.8	



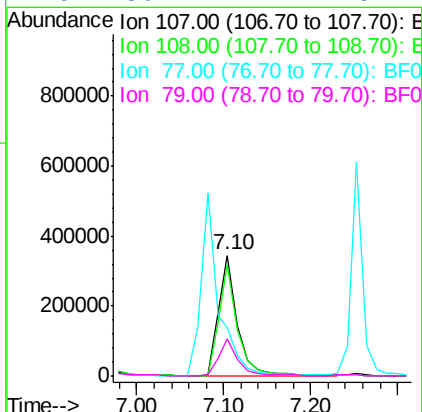
Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

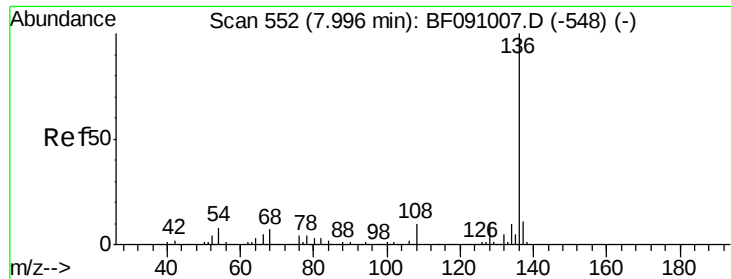
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#20
3+4-Methylphenols
Concen: 42.13 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.8	75.5	115.5	
77	40.7	26.4	66.4	
79	30.7	11.1	51.1	





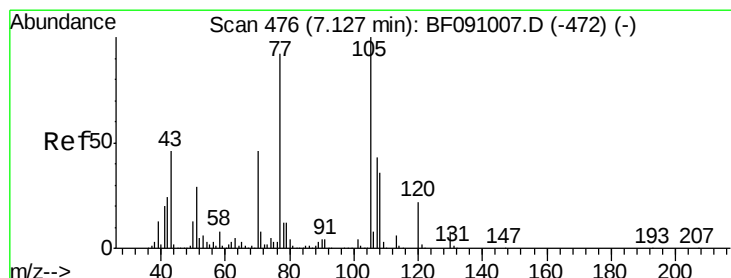
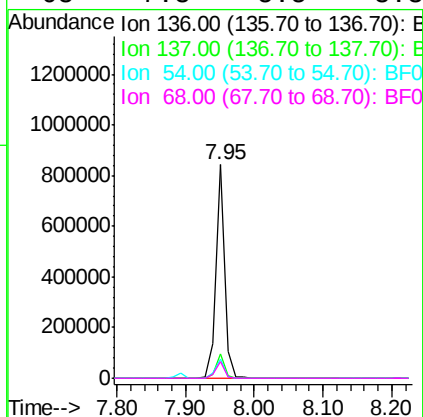
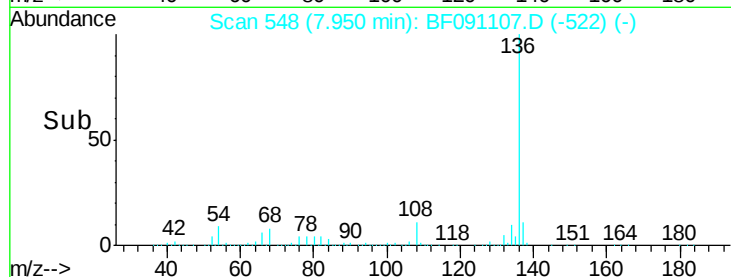
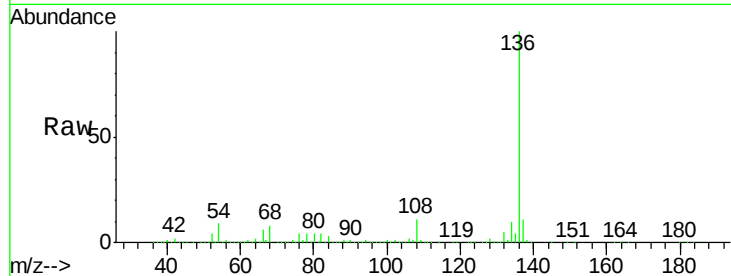
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	758738		
137	11.3	8.9	13.3	
54	8.9	6.2	9.2	
68	7.8	5.5	8.3	

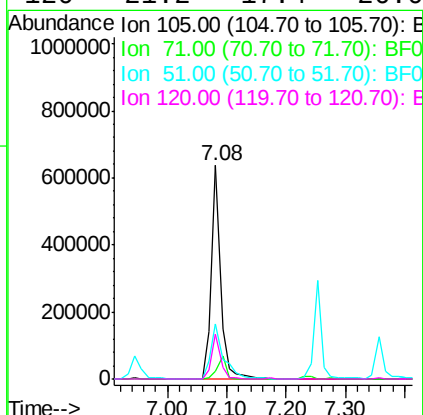
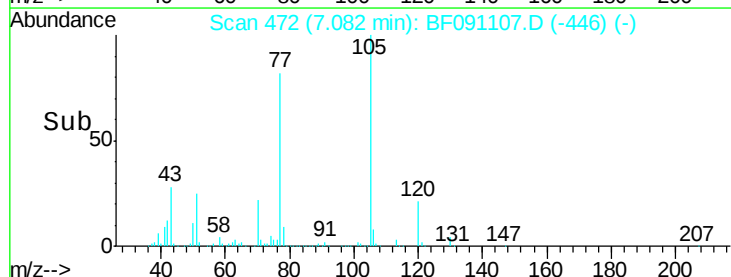
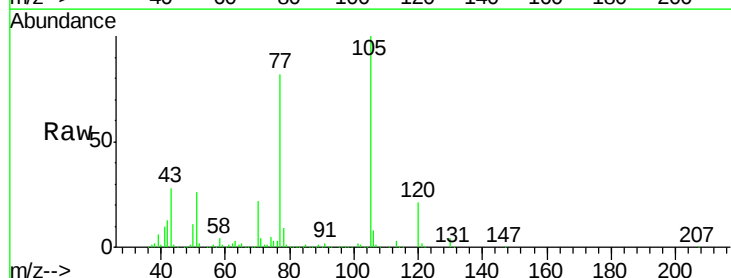
Manual Integrations
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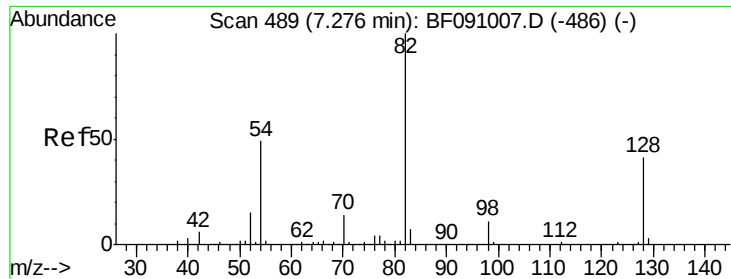
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#22
Acetophenone
Concen: 39.58 ng
RT: 7.08 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	691444		
71	3.7	6.2	9.2#	
51	25.6	23.3	34.9	
120	21.2	17.4	26.0	





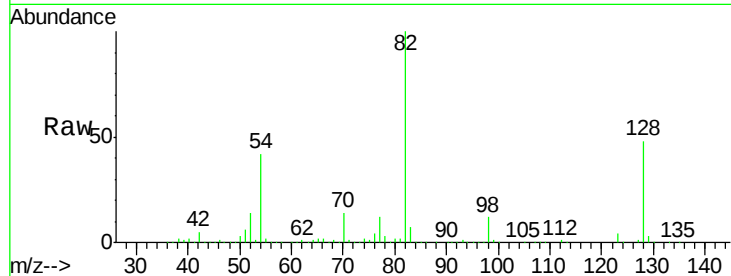
#23
Nitrobenzene-d5
Concen: 78.86 ng
RT: 7.24 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

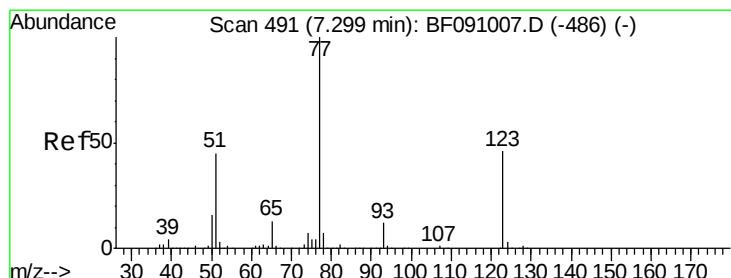
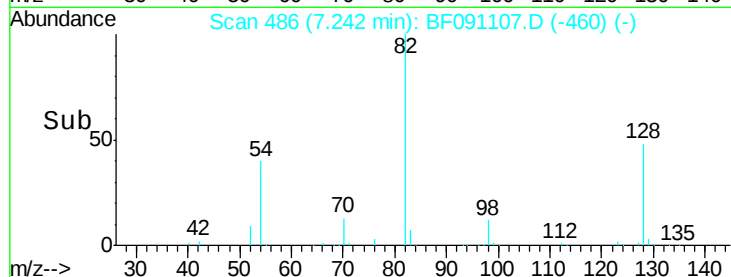
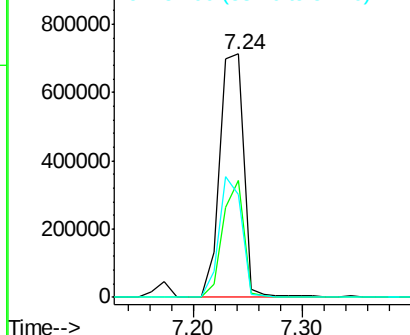
Tot Ion: 82 Resp: 1096900
Ion Ratio Lower Upper
82 100
128 48.3 32.4 48.6
54 42.5 39.2 58.8

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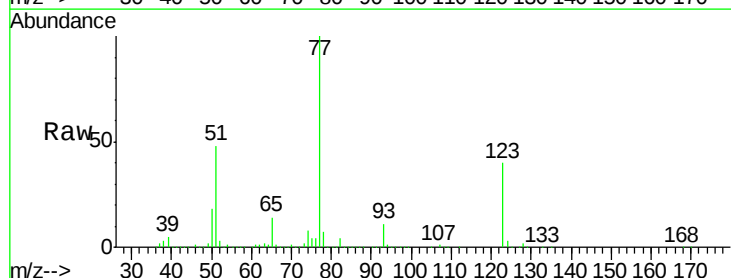


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

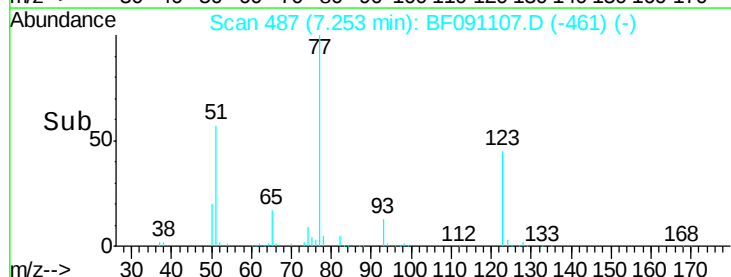
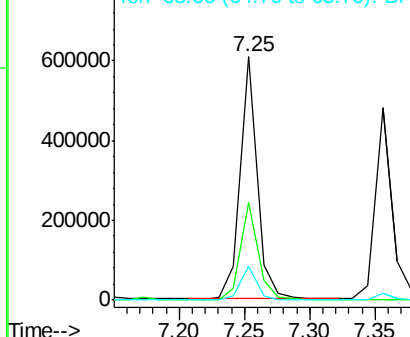


#24
Nitrobenzene
Concen: 36.05 ng
RT: 7.25 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion: 77 Resp: 553742
Ion Ratio Lower Upper
77 100
123 40.1 36.5 54.7
65 13.7 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.61 ng

RT: 7.49 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

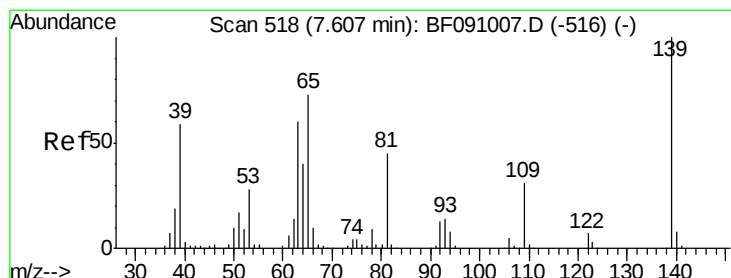
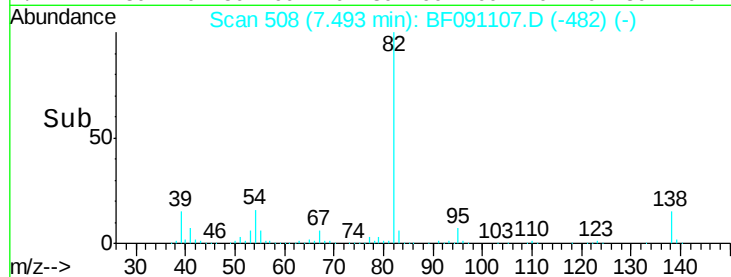
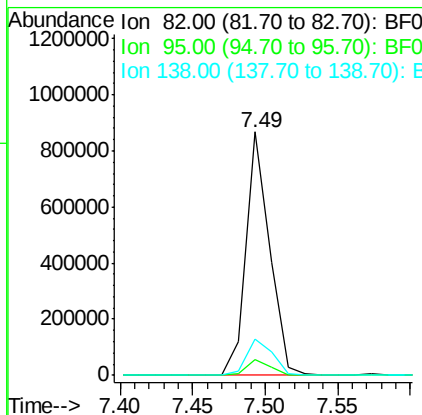
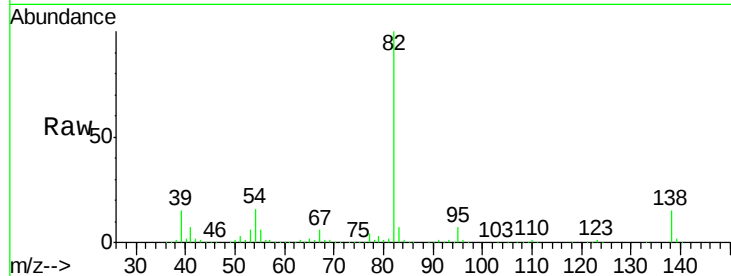
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion:	82	Resp:	981146
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.4	8.0
138	14.7	13.0	19.4

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#26

2-Nitrophenol

Concen: 38.48 ng

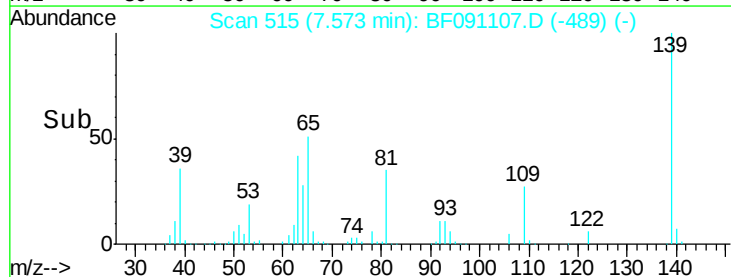
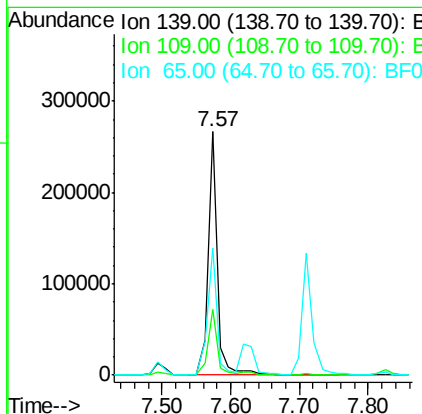
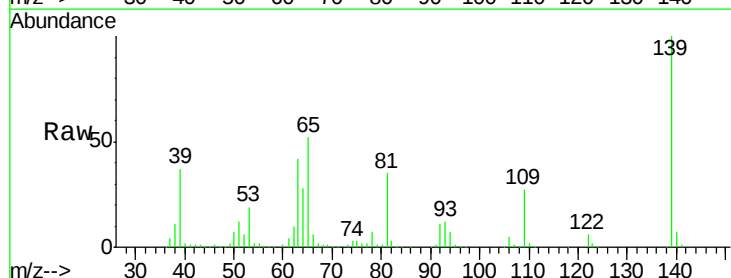
RT: 7.57 min Scan# 515

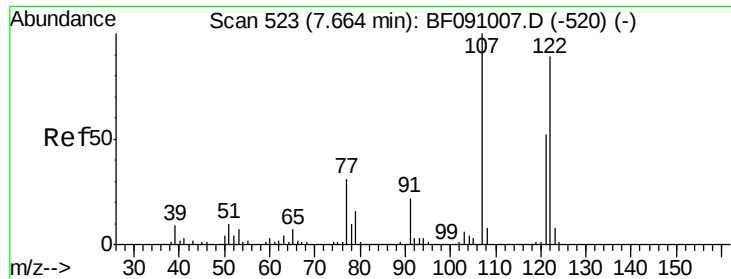
Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion:	139	Resp:	250154
Ion Ratio		Lower	Upper
139	100		
109	27.1	24.7	37.1
65	52.3	58.3	87.5#





#27

2,4-Dimethylphenol

Concen: 40.12 ng

RT: 7.63 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

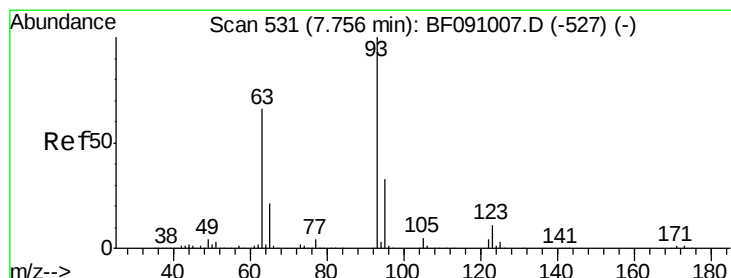
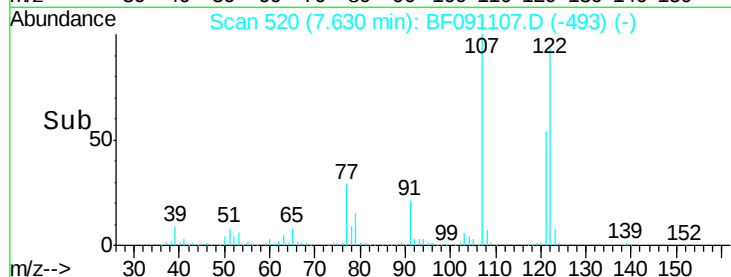
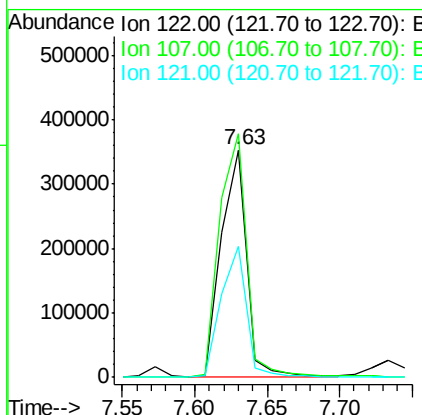
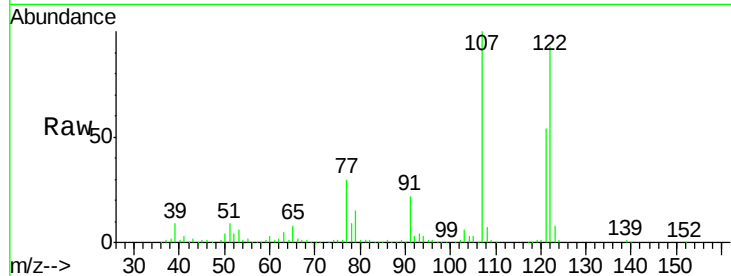
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	107.1	89.6	134.4
121	57.9	46.3	69.5

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#28

bis(2-Chloroethoxy)methane

Concen: 40.66 ng

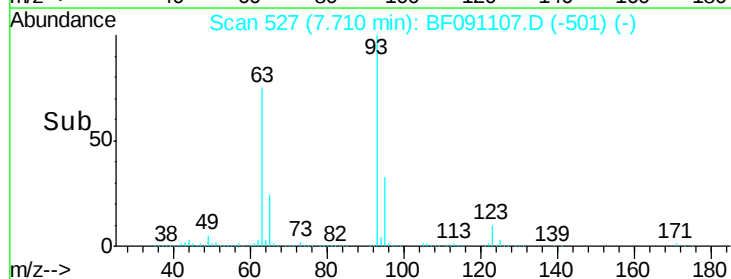
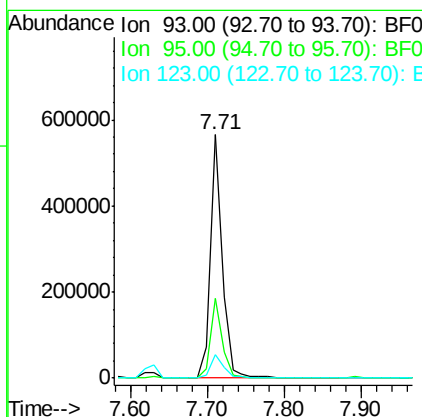
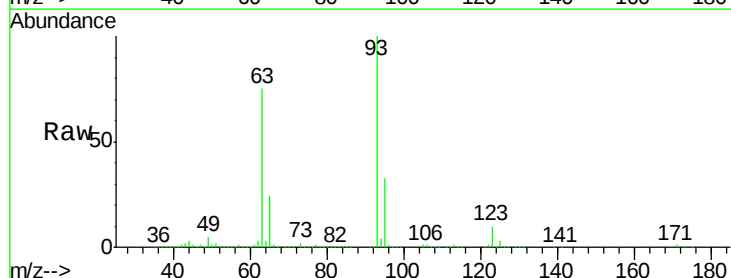
RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091107.D

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Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.3	39.5
123	9.7	8.7	13.1





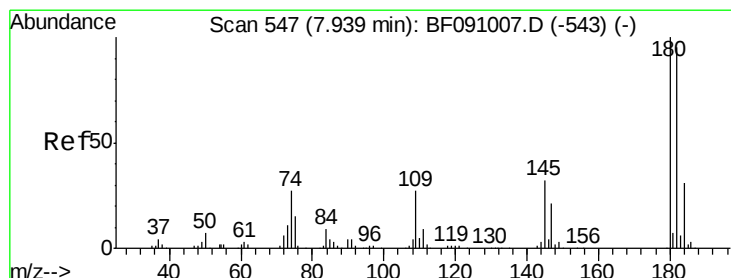
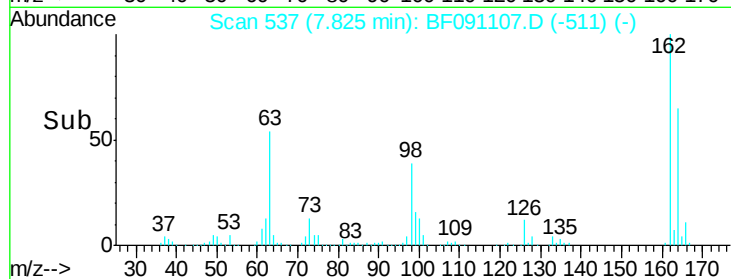
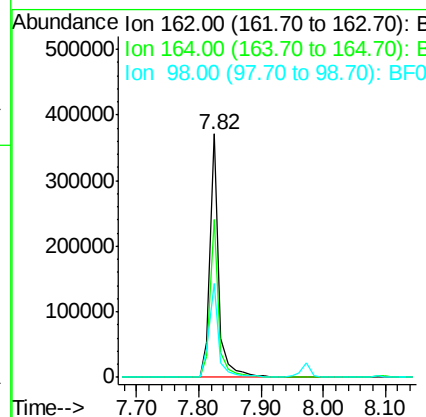
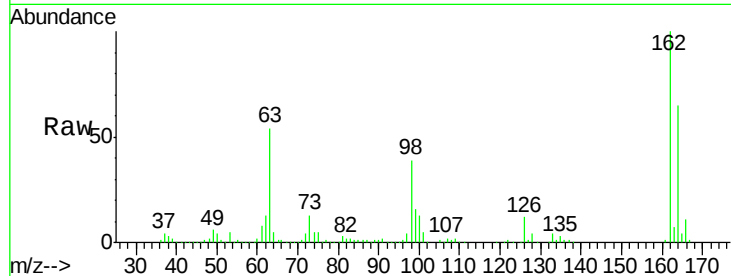
#29
2,4-Dichlorophenol
Concen: 39.38 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	44.4	84.4
98	38.8	25.2	65.2

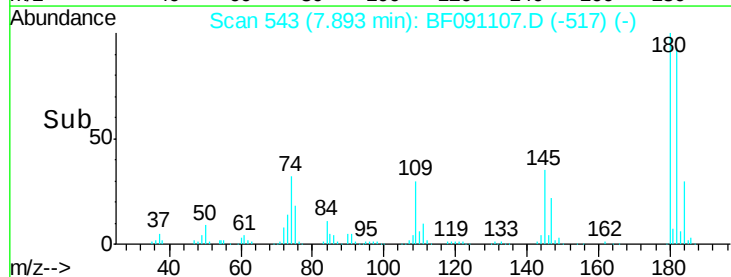
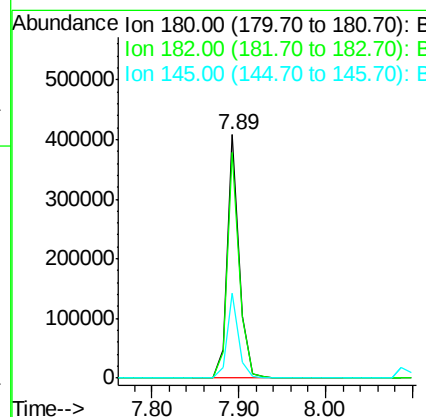
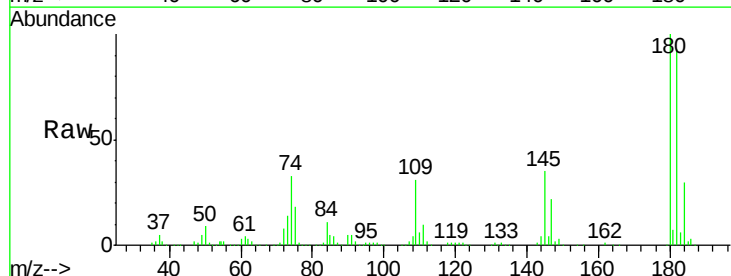
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#30
1,2,4-Trichlorobenzene
Concen: 37.36 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.8	76.0	114.0
145	34.9	25.8	38.8





#31

Naphthalene

Concen: 38.69 ng

RT: 7.97 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion:128 Resp: 1404044

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

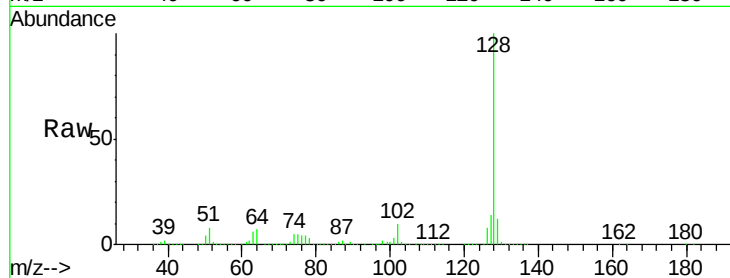
127 13.8 10.9 16.3

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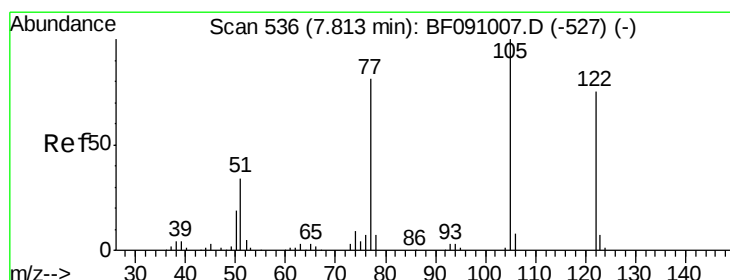
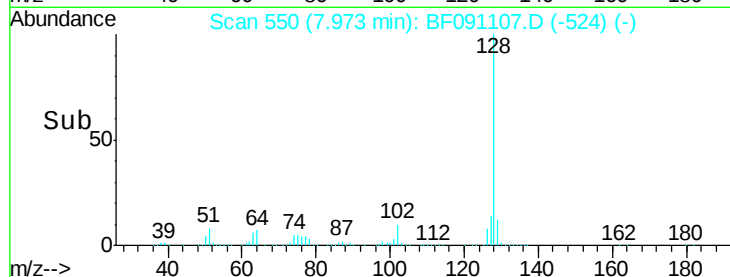
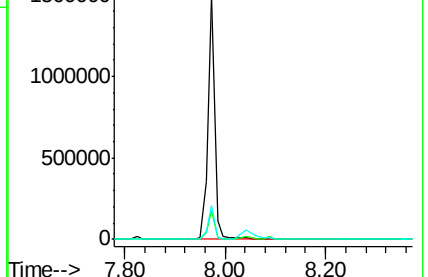
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.00 ng

RT: 7.73 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

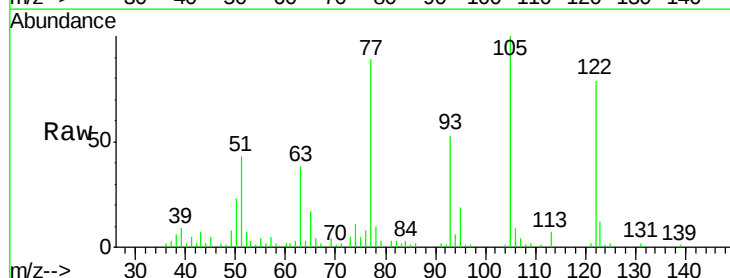
Tgt Ion:122 Resp: 55584

Ion Ratio Lower Upper

122 100

105 127.0 105.9 145.9

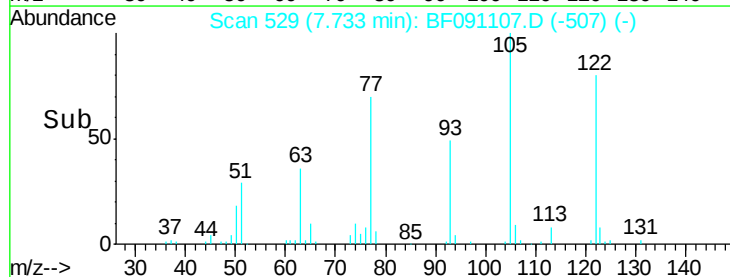
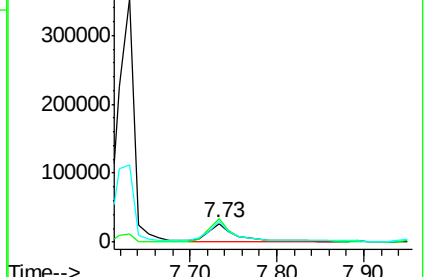
77 112.9 84.0 124.0

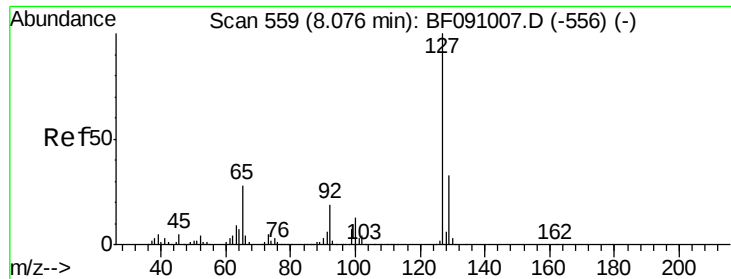


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





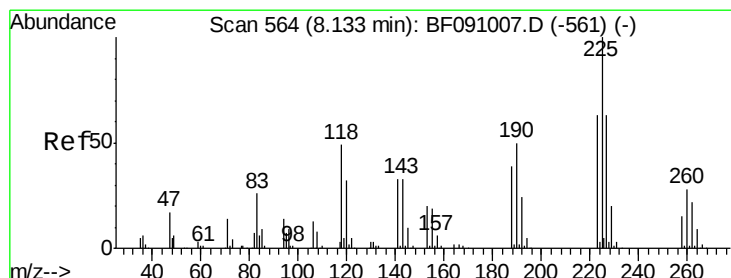
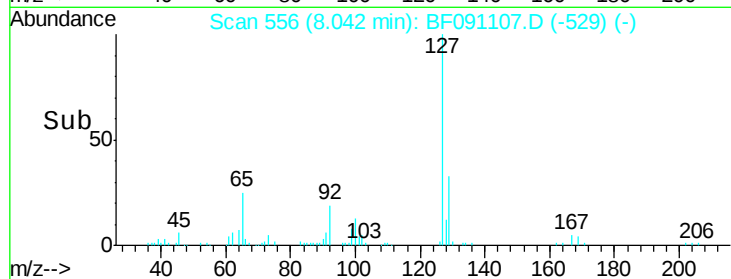
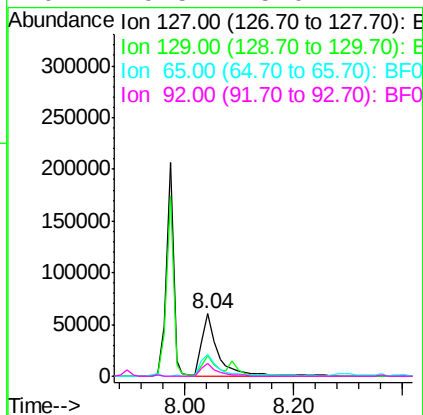
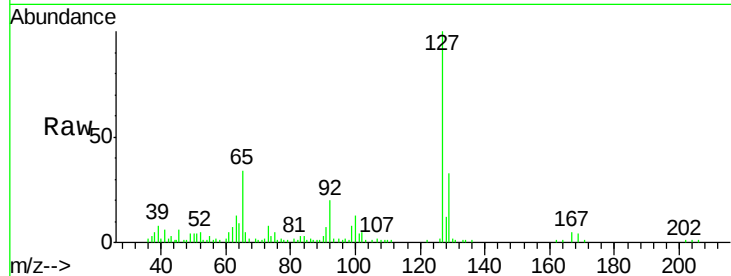
#33
4-Chloroaniline
Concen: 8.27 ng
RT: 8.04 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.6	39.8		
65	34.2	22.2	33.2		
92	19.5	15.0	22.4		

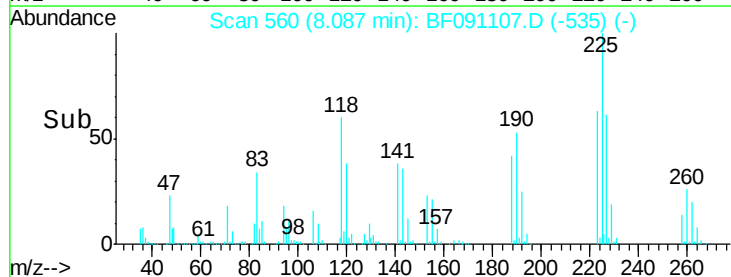
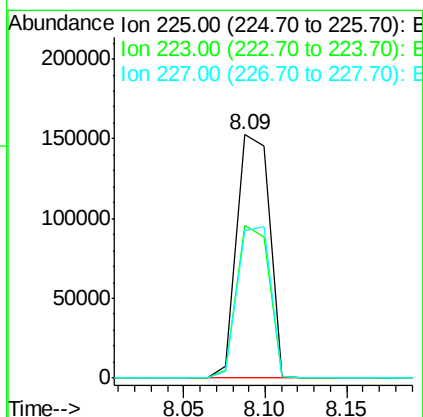
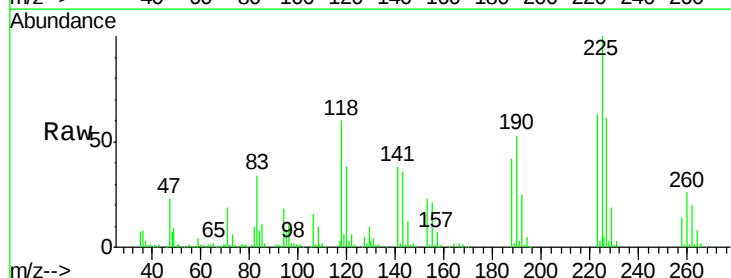
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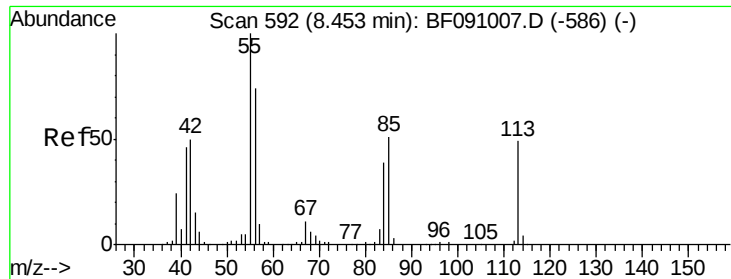
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#34
Hexachlorobutadiene
Concen: 37.03 ng
RT: 8.09 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.4	75.6		
227	60.8	50.1	75.1		





#35

Caprolactam

Concen: 38.87 ng/ml

RT: 8.40 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

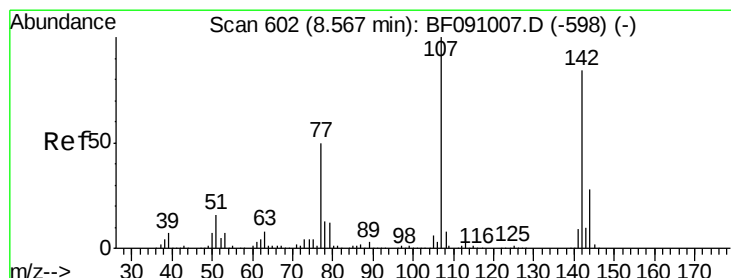
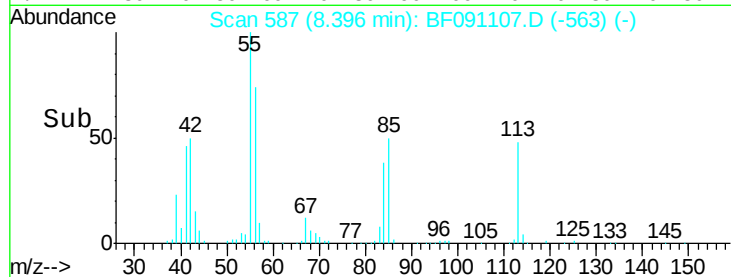
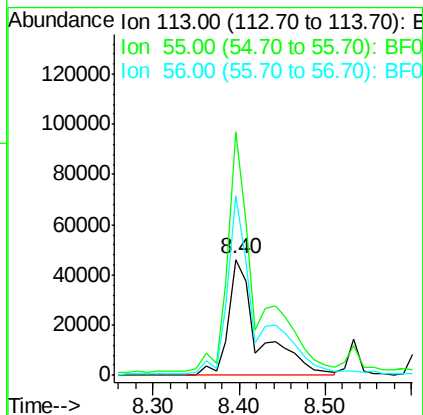
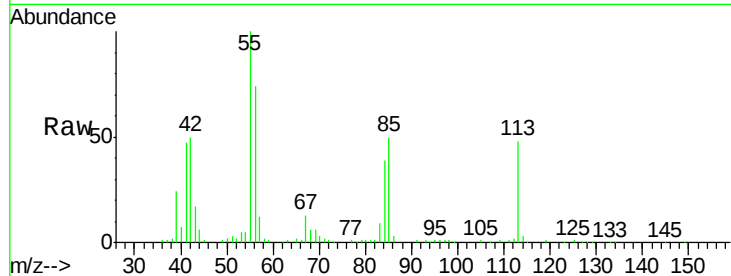
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion:113 Resp: 114581
 Ion Ratio Lower Upper
 113 100
 55 209.8 184.1 224.1
 56 155.1 132.0 172.0

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#36

4-Chloro-3-methylphenol

Concen: 38.77 ng/ml

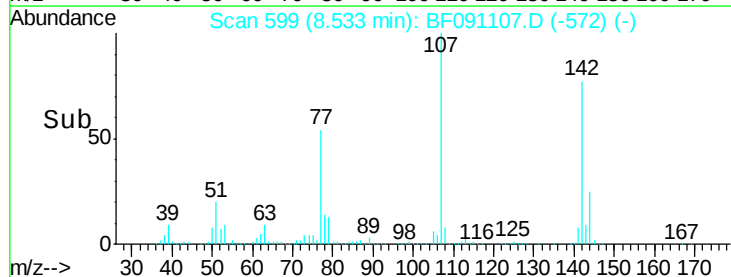
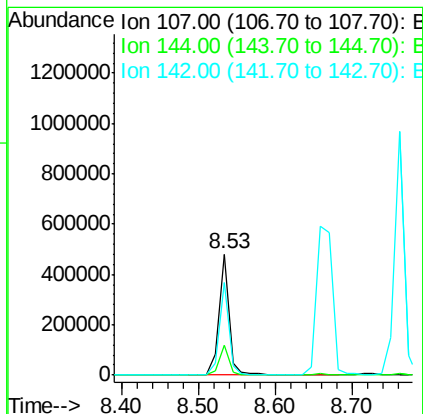
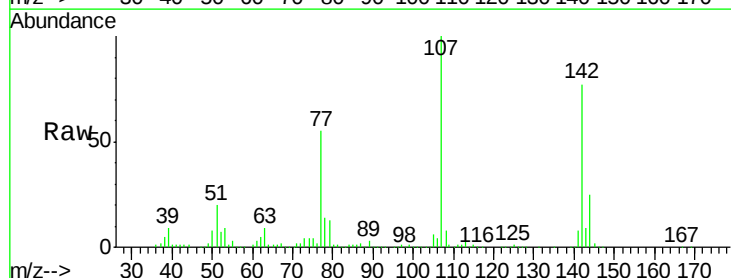
RT: 8.53 min Scan# 599

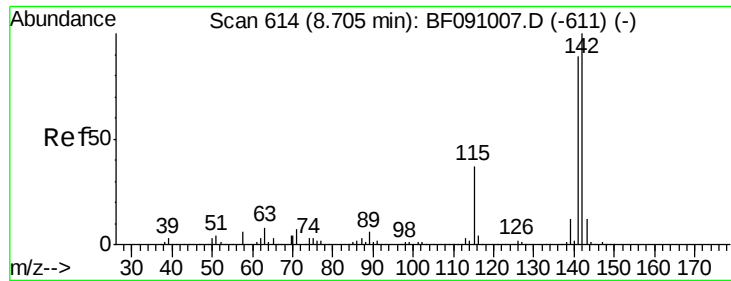
Delta R.T. 0.01 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion:107 Resp: 440419
 Ion Ratio Lower Upper
 107 100
 144 24.7 22.5 33.7
 142 76.8 67.4 101.2





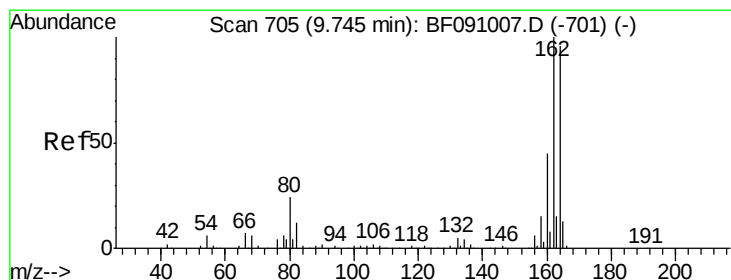
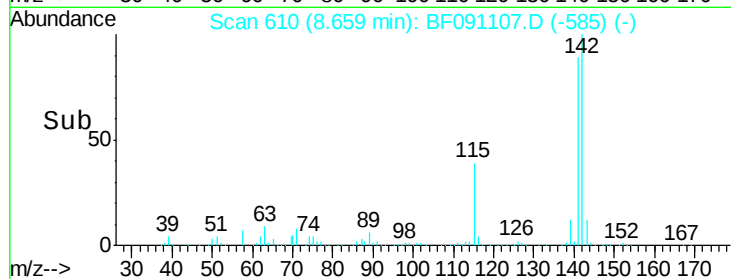
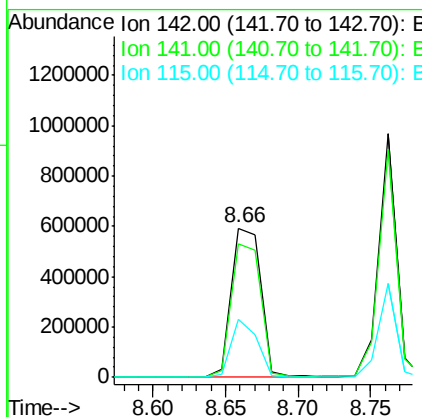
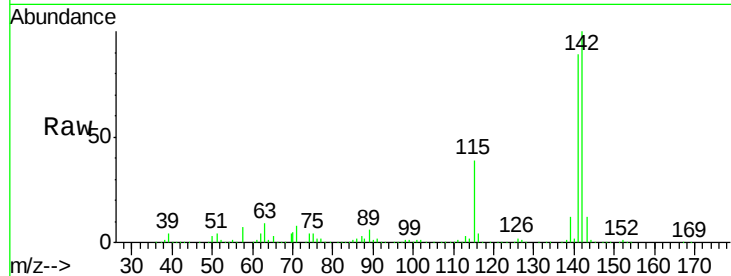
#37
2-Methylnaphthalene
Concen: 36.05 ng
RT: 8.66 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	840930		
141	89.4	71.3	106.9	
115	38.6	29.9	44.9	

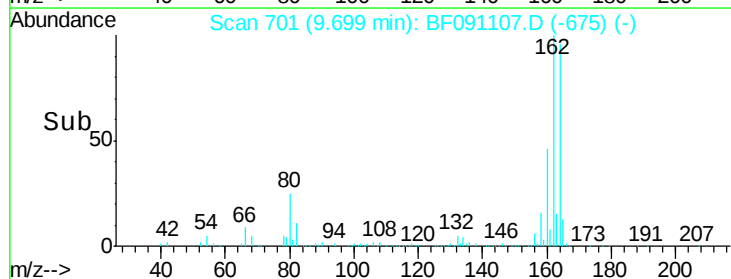
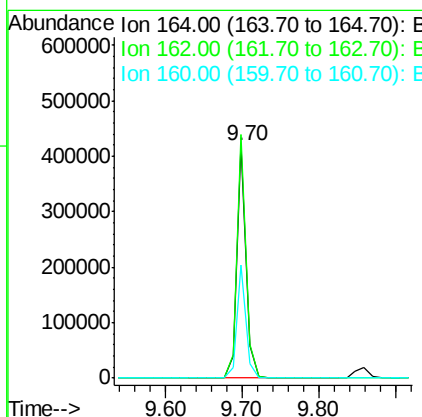
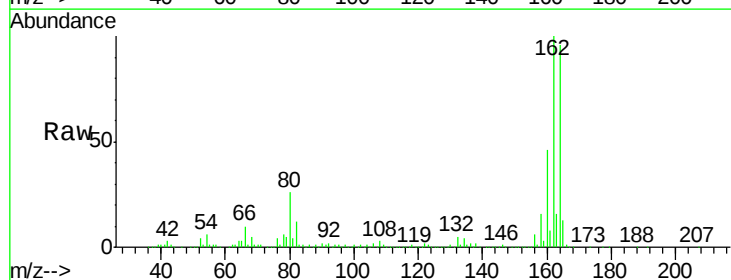
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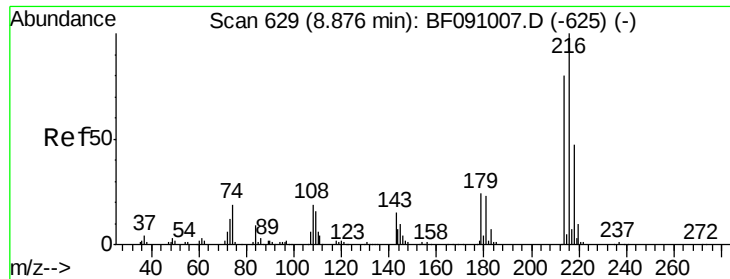
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	362994		
162	104.5	83.6	125.4	
160	48.3	37.9	56.9	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.20 ng

RT: 8.83 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

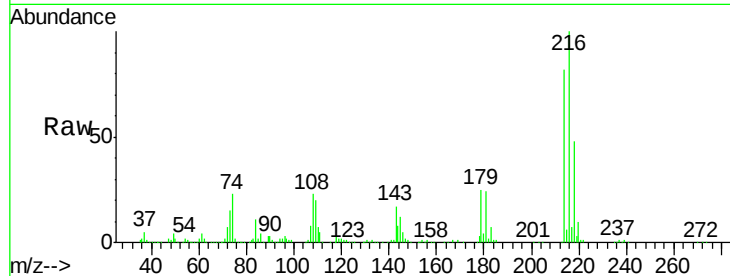
ClientSampleId :

WEST-SIDEWALLMSD

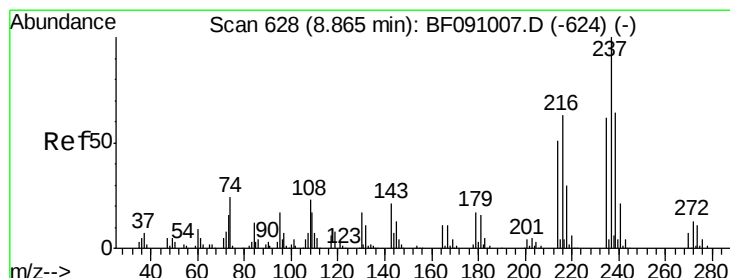
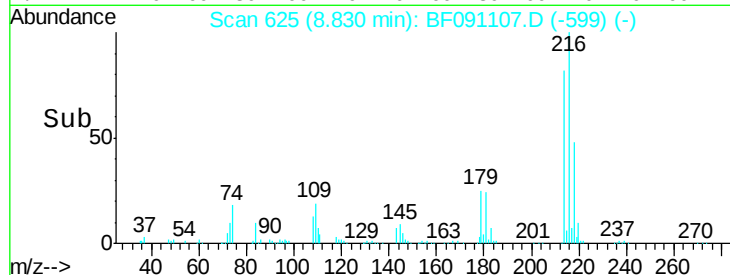
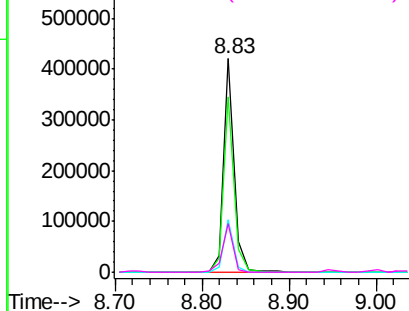
Tot Ion:	216	Resp:	362806
Ion Ratio		Lower	Upper
216	100		
214	81.2	63.5	95.3
179	24.5	19.1	28.7
108	23.4	17.5	26.3

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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: 32.25 ng

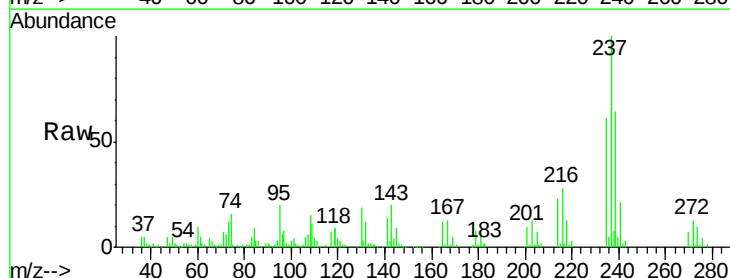
RT: 8.82 min Scan# 624

Delta R.T. -0.00 min

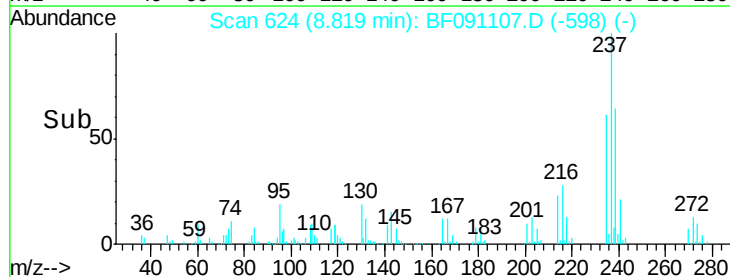
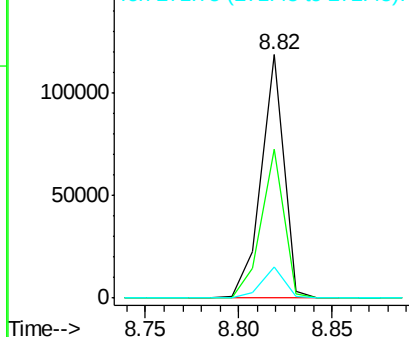
Lab File: BF091107.D

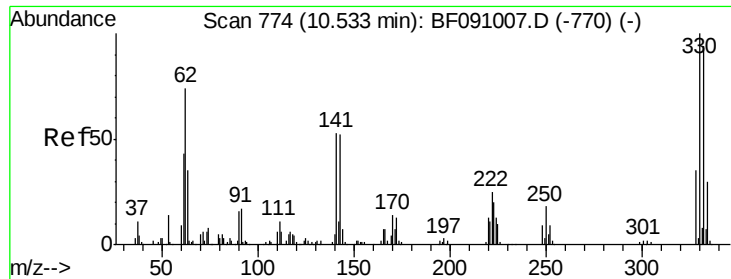
Acq: 9 Nov 2016 3:43

Tgt Ion:	237	Resp:	99660
Ion Ratio		Lower	Upper
237	100		
235	60.9	42.1	82.1
272	12.6	0.0	33.1



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





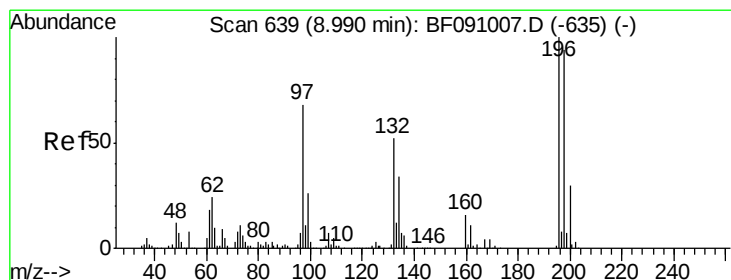
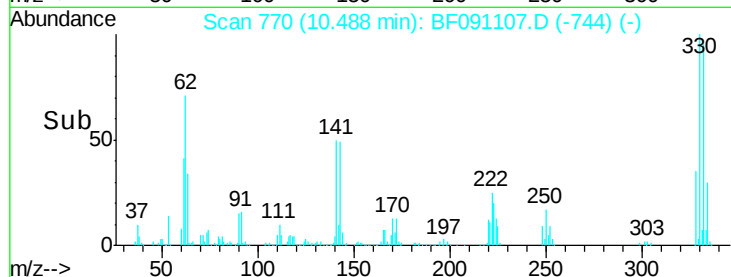
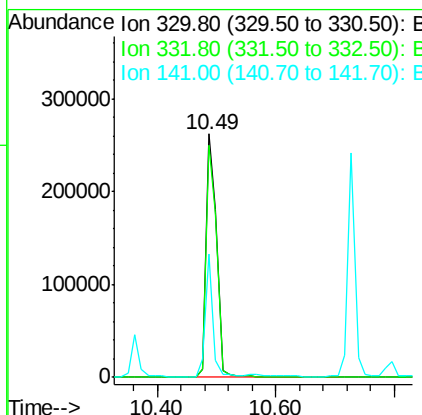
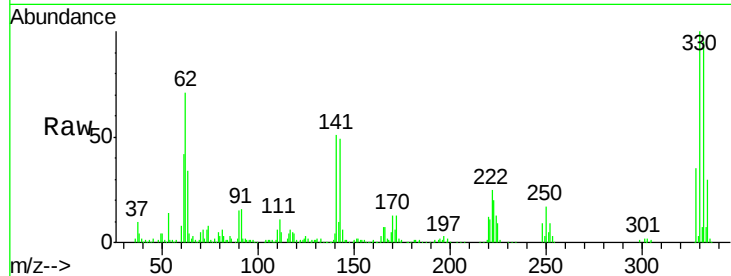
#41
 2,4,6-Tribromophenol
 Concen: 99.51 ng
 RT: 10.49 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	326555		
332	96.3		75.9	113.9
141	36.8		36.1	54.1

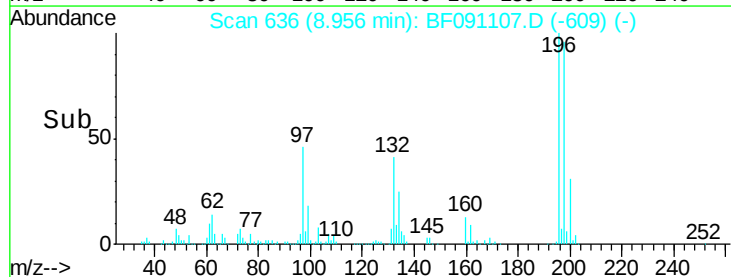
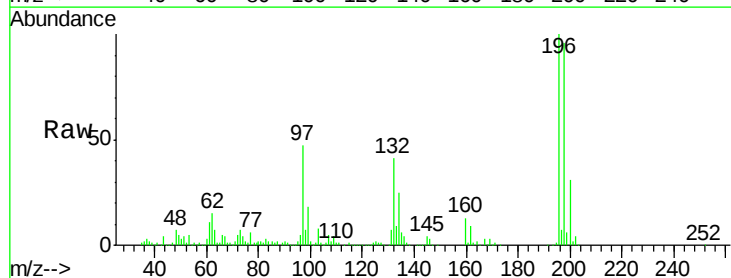
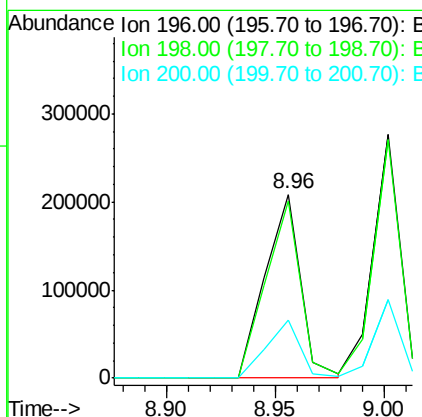
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#42
 2,4,6-Trichlorophenol
 Concen: 39.83 ng
 RT: 8.96 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	237940		
198	96.2		75.4	113.0
200	31.5		24.1	36.1





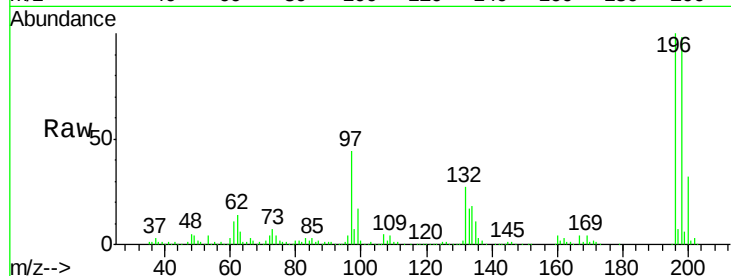
#43
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 9.00 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	257550		
198	97.8	78.2	117.4	
97	44.4	38.8	58.2	
132	26.8	23.5	35.3	

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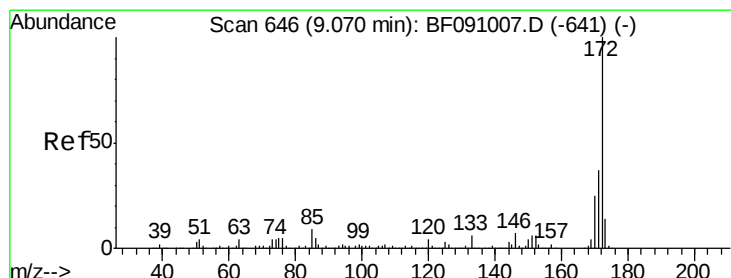
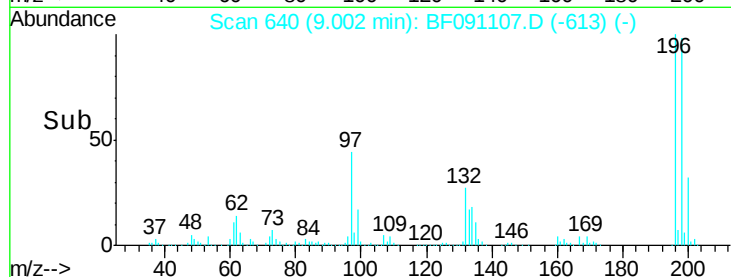
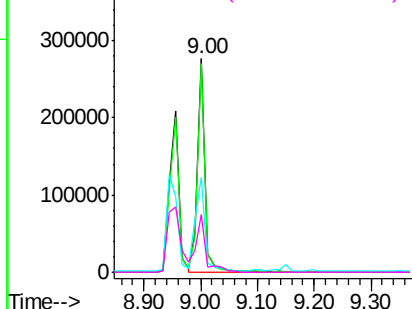
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 78.44 ng
RT: 9.04 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

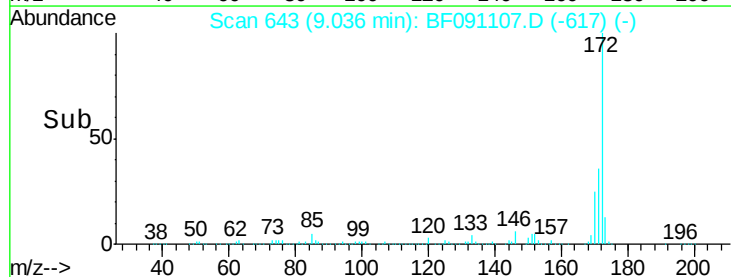
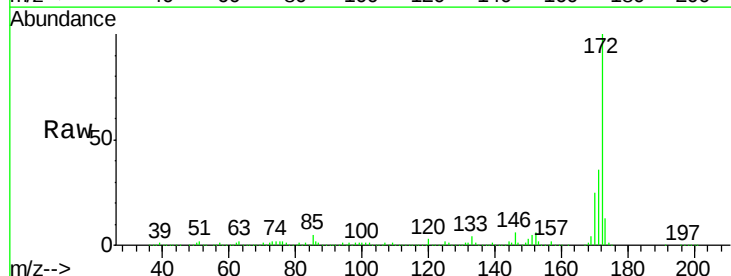
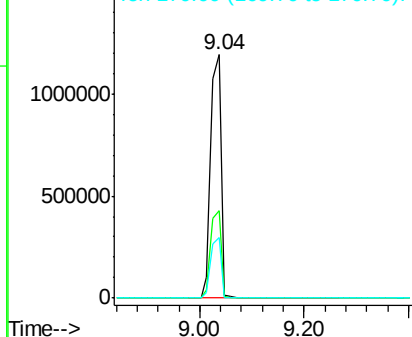
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1653756		
171	35.9	29.8	44.6	
170	24.7	20.3	30.5	

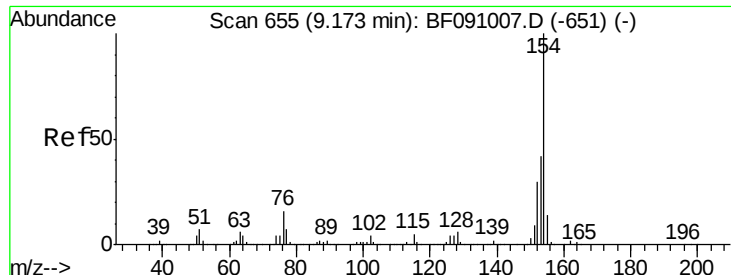
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





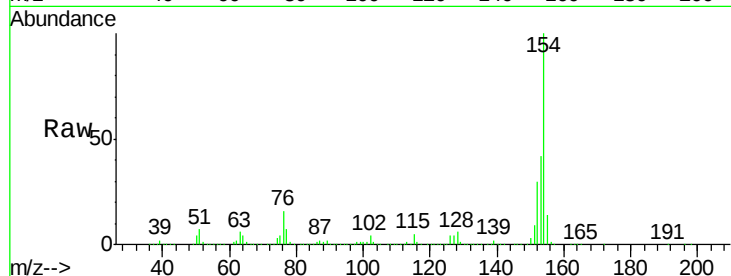
#45
 1,1'-Biphenyl
 Concen: 38.90 ng
 RT: 9.13 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

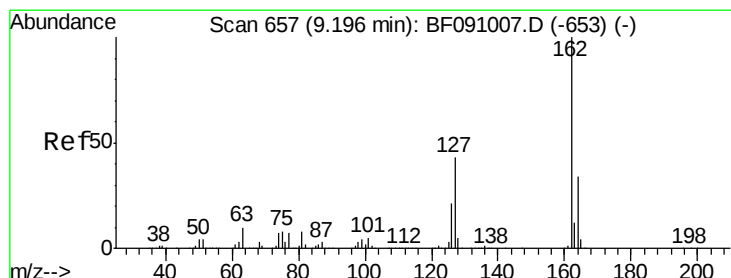
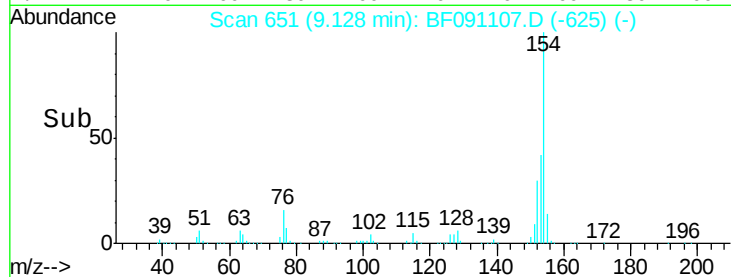
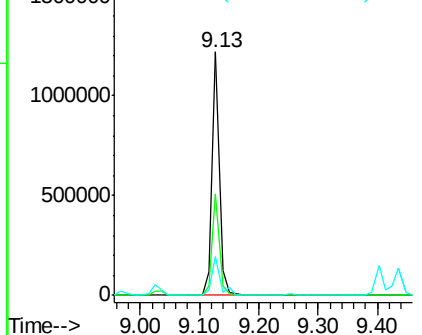
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.6	61.6
76	16.0	0.0	36.2

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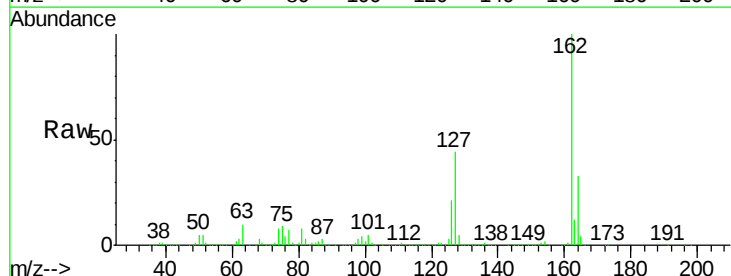


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

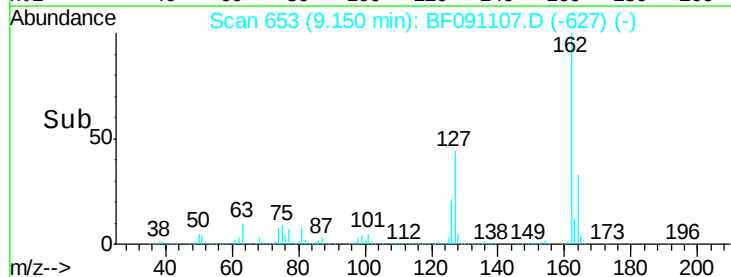
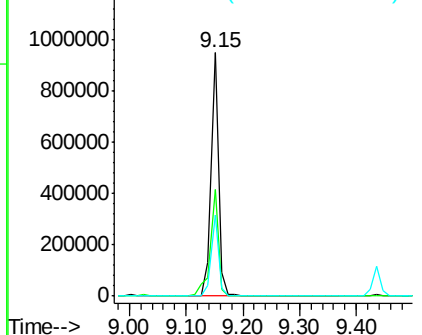


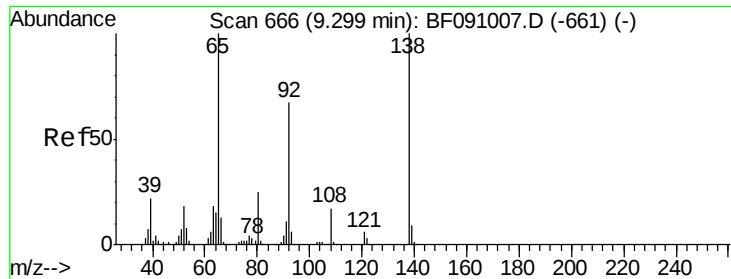
#46
 2-Chloronaphthalene
 Concen: 40.92 ng
 RT: 9.15 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	34.7	52.1
164	33.1	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.21 ng

RT: 9.25 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

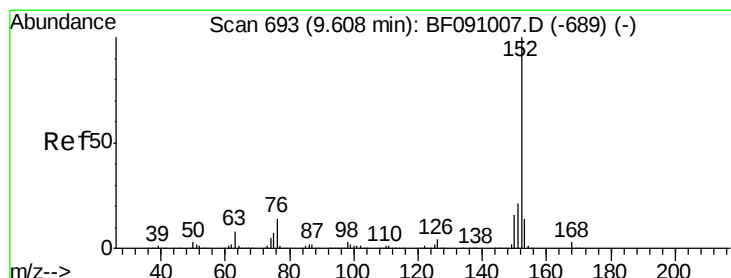
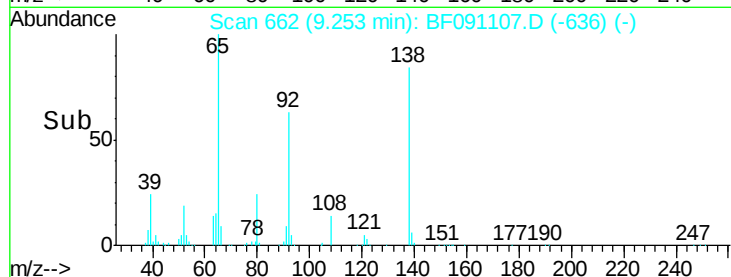
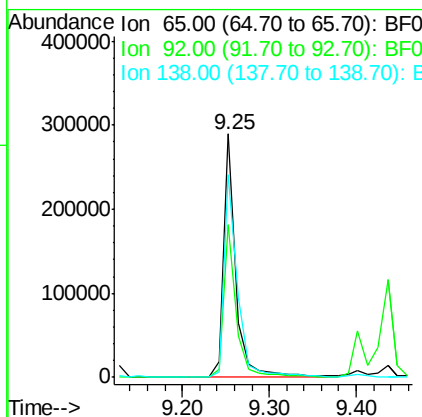
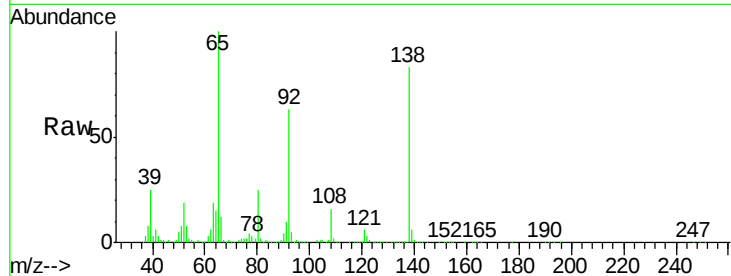
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.5	53.9	80.9
138	83.1	80.1	120.1

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#48

Acenaphthylene

Concen: 37.73 ng

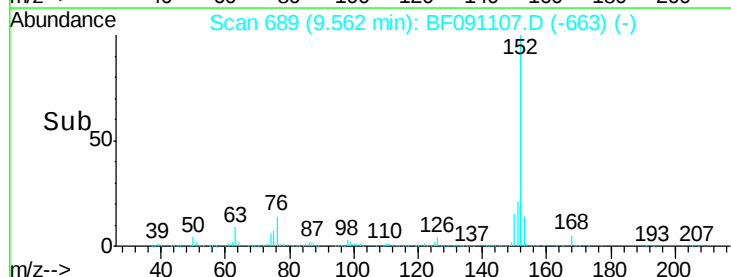
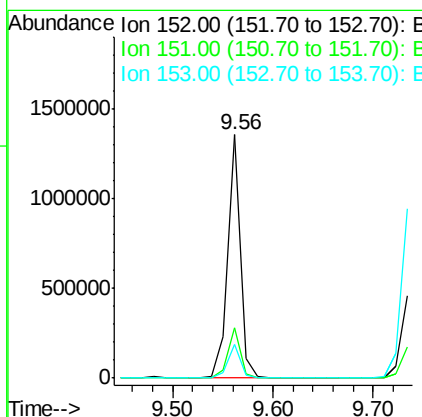
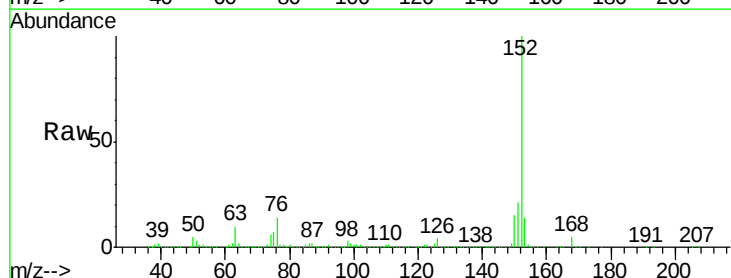
RT: 9.56 min Scan# 689

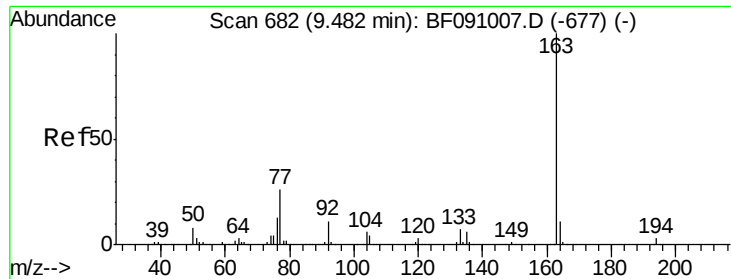
Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.1	11.1	16.7





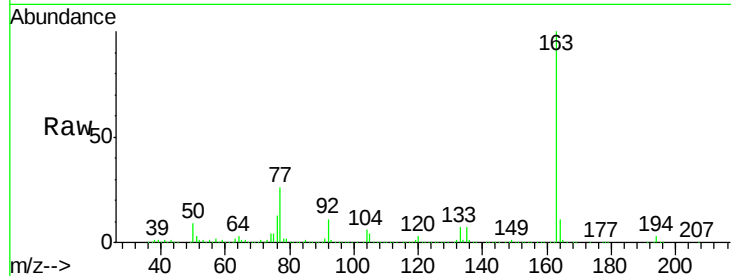
#49
Dimethylphthalate
Concen: 45.96 ng
RT: 9.44 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

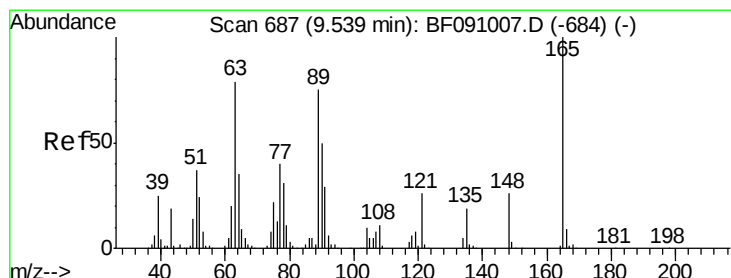
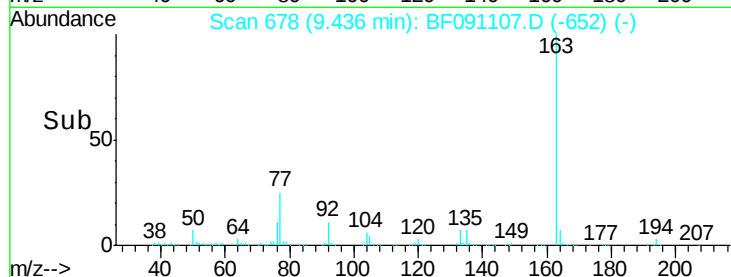
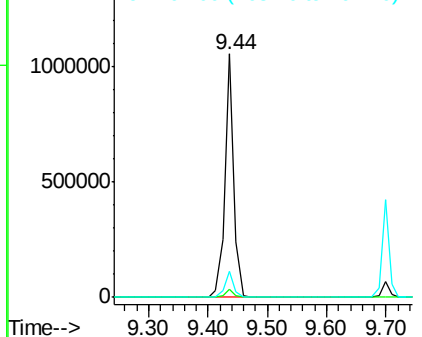
Tot Ion:163 Resp: 1093877
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.9 8.7 13.1

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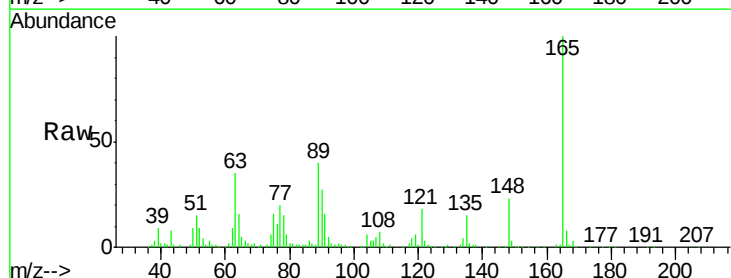


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

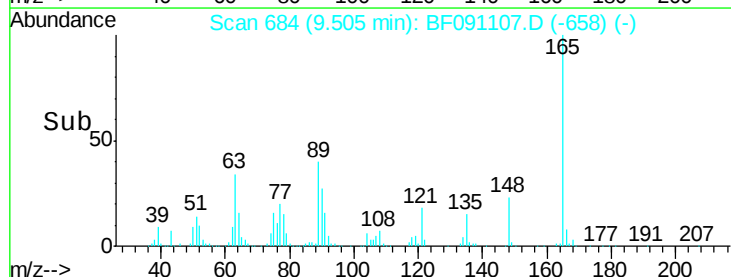
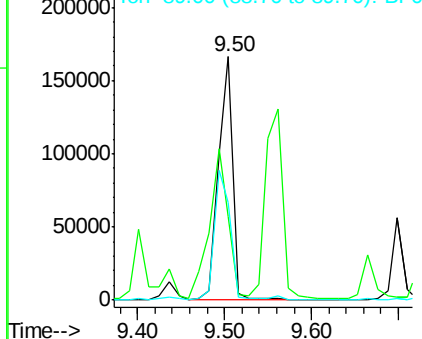


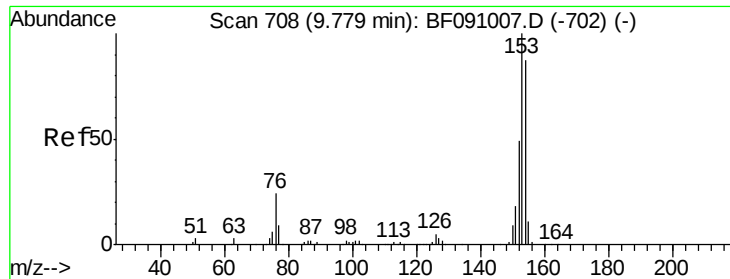
#50
2,6-Dinitrotoluene
Concen: 38.09 ng
RT: 9.50 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion:165 Resp: 194297
Ion Ratio Lower Upper
165 100
63 34.6 65.6 98.4#
89 40.3 59.8 89.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.81 ng

RT: 9.73 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

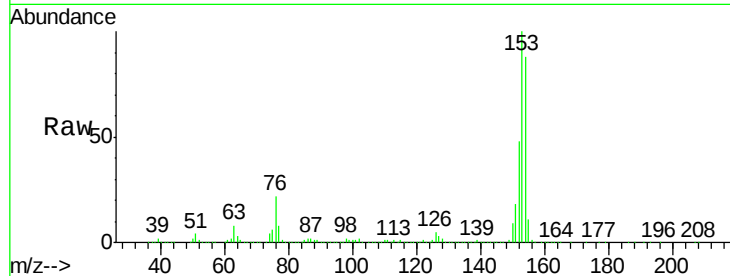
ClientSampleId :

WEST-SIDEWALLMSD

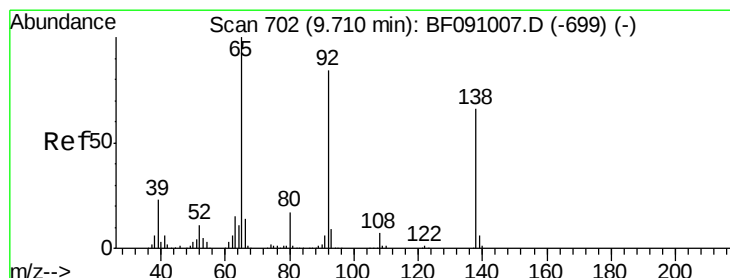
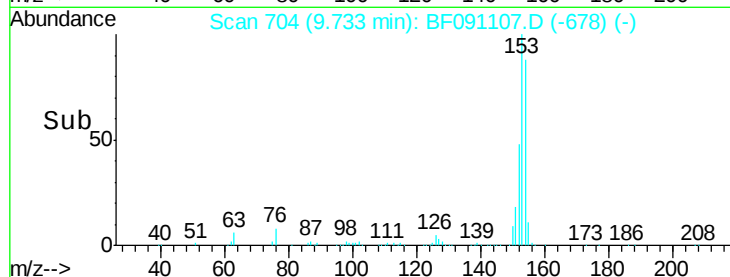
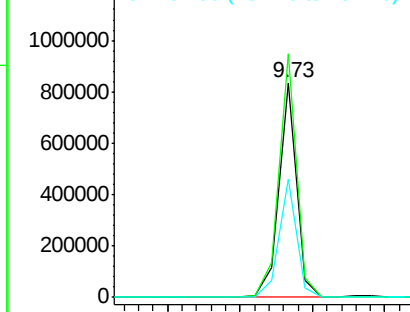
Tot Ion:	154	Resp:	705160
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.6	137.4
152	55.0	44.6	67.0

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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: 24.67 ng

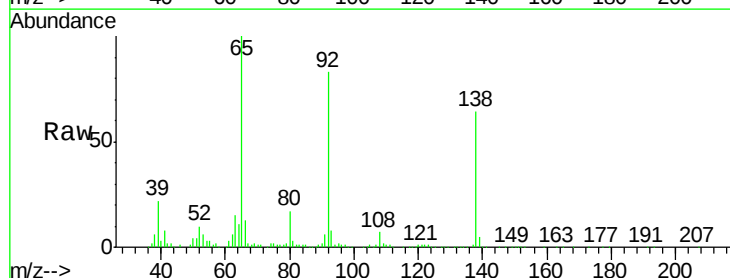
RT: 9.66 min Scan# 698

Delta R.T. -0.00 min

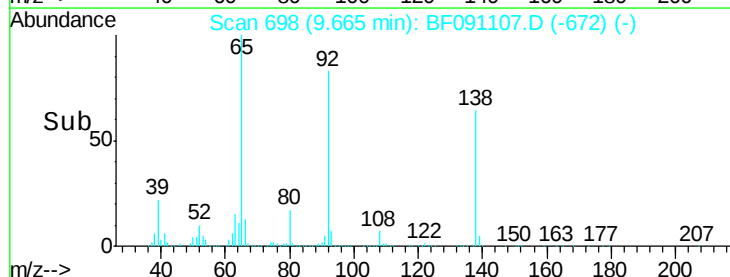
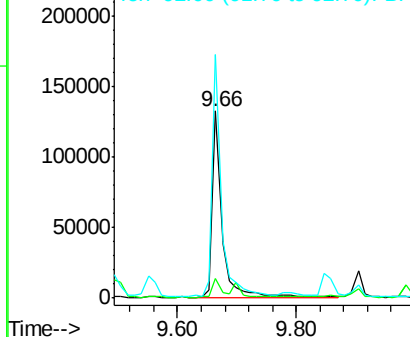
Lab File: BF091107.D

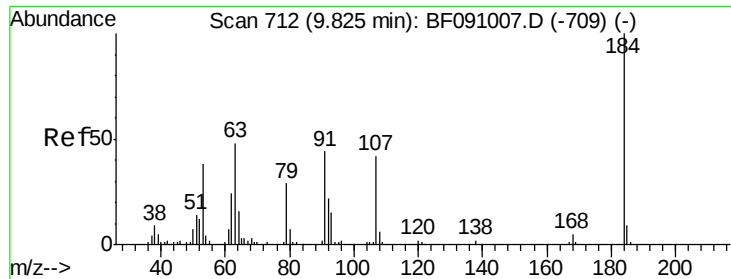
Acq: 9 Nov 2016 3:43

Tgt Ion:	138	Resp:	149239
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.4	12.6
92	130.4	101.1	151.7



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





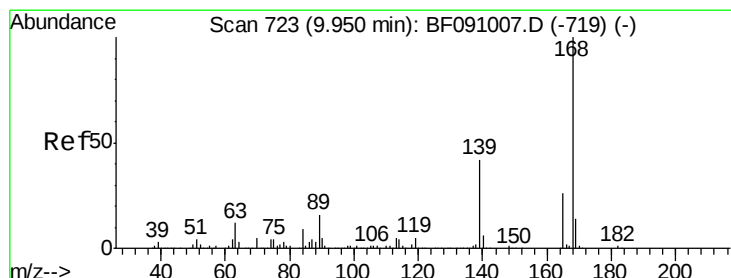
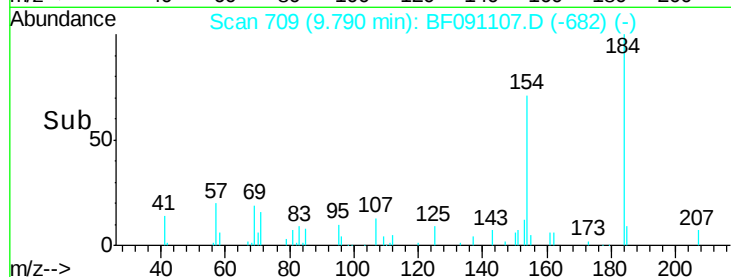
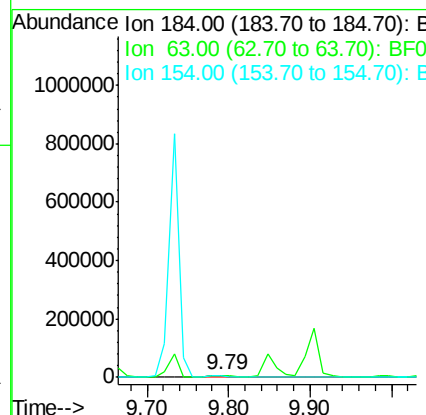
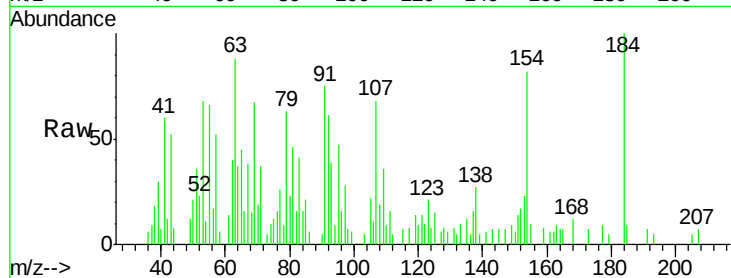
#53
2,4-Dinitrophenol
Concen: 12.03 ng
RT: 9.79 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	88.2	45.5	68.3#
154	81.7	51.0	76.4#

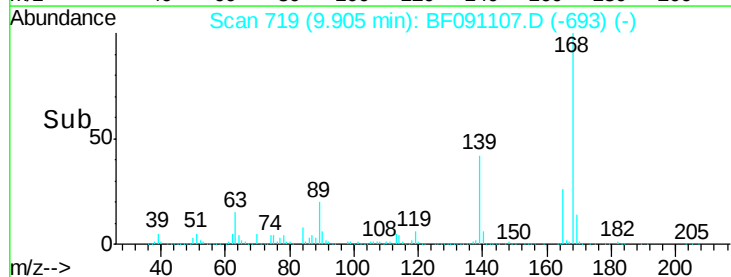
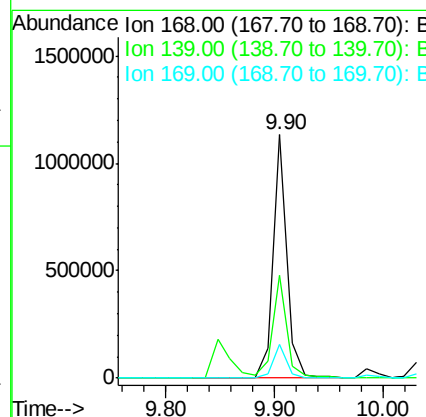
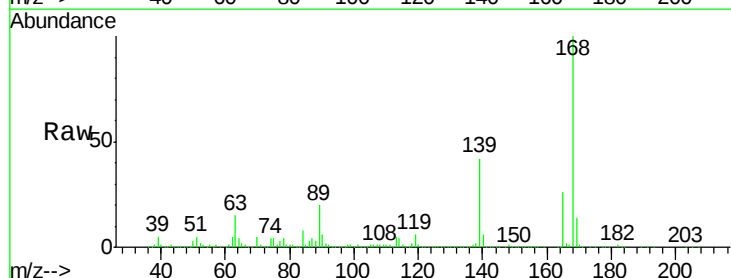
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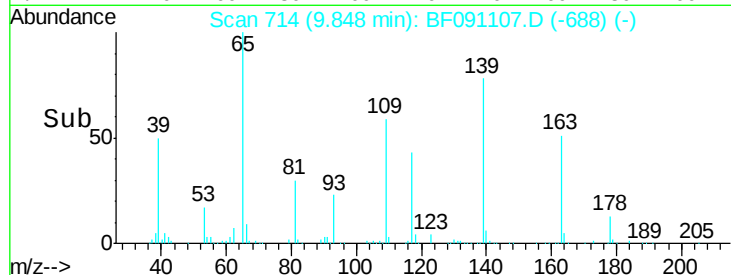
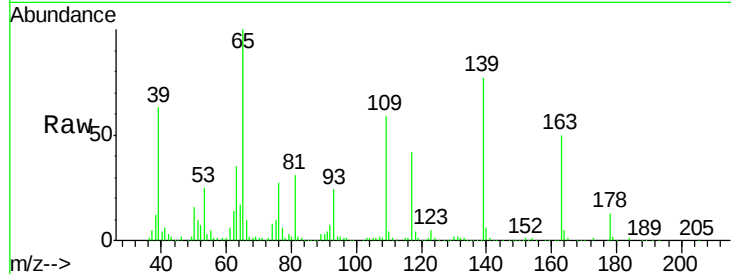
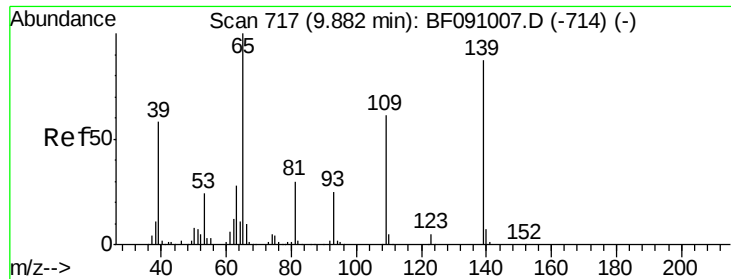
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#54
Dibenzofuran
Concen: 37.85 ng
RT: 9.90 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.4	34.8	52.2
169	14.0	11.4	17.2





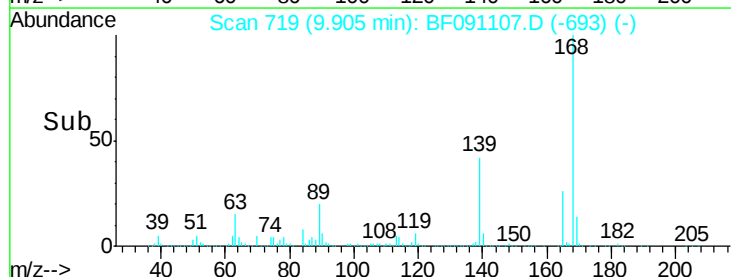
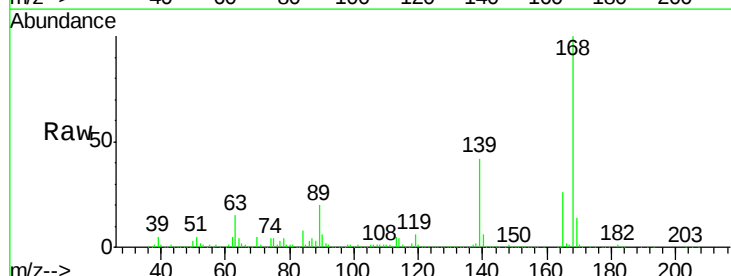
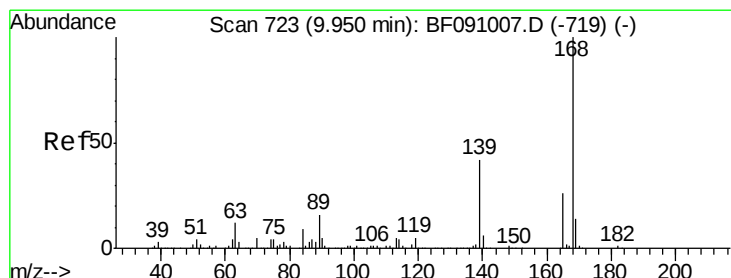
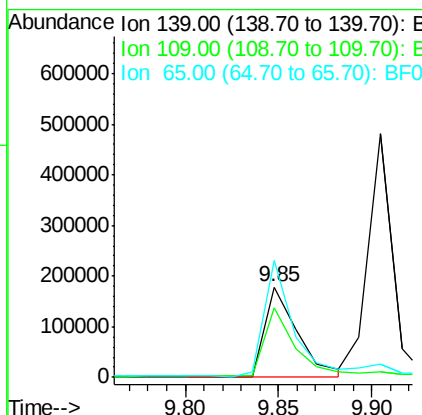
#55
4-Nitrophenol
Concen: 55.41 ng
RT: 9.85 min Scan# 714
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tot Ion	Ratio	Resp	Lower	Upper
139	100	215556		
109	76.6	50.5	90.5	
65	130.4	97.1	137.1	

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

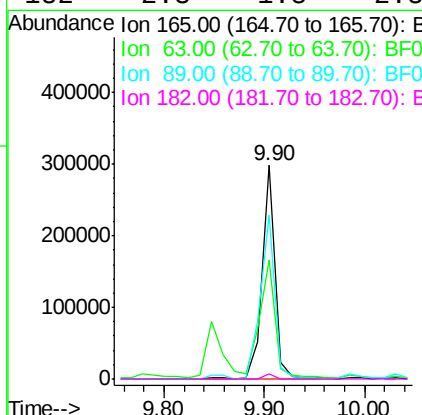
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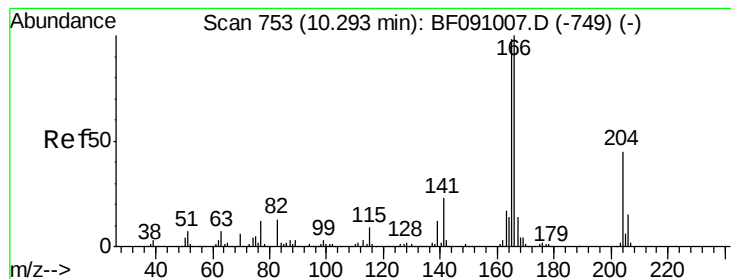
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#56
2,4-Dinitrotoluene
Concen: 41.09 ng
RT: 9.90 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	266655		
63	55.8	38.7	58.1	
89	76.5	50.6	76.0	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 37.57 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

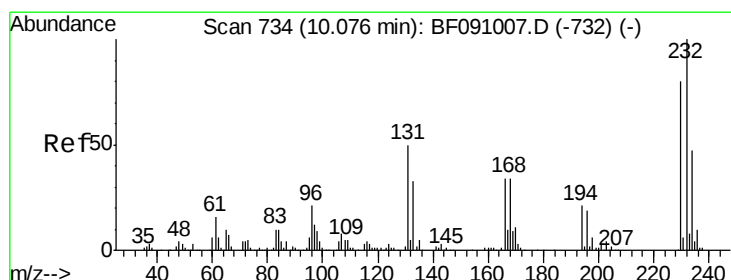
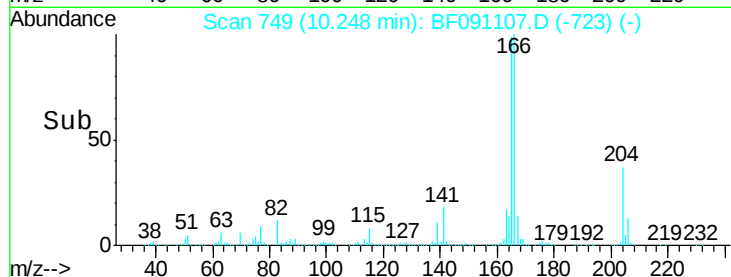
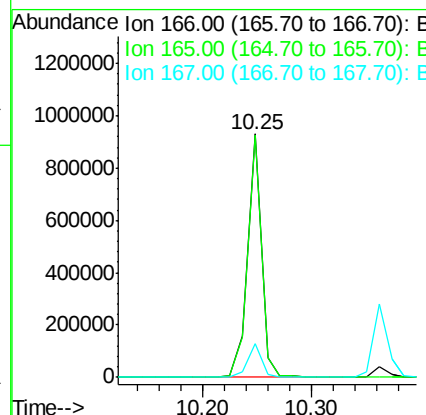
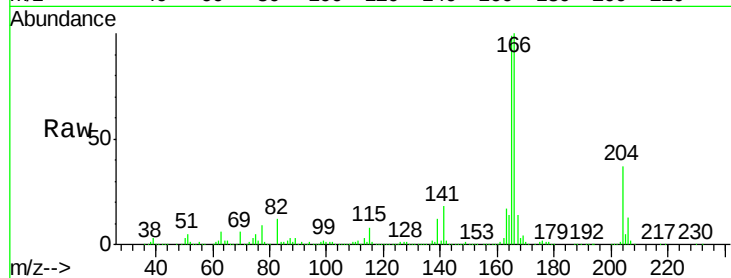
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion:	166	Resp:	813997
Ion Ratio	Lower	Upper	
166	100		
165	99.4	78.6	118.0
167	14.0	11.1	16.7

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.70 ng

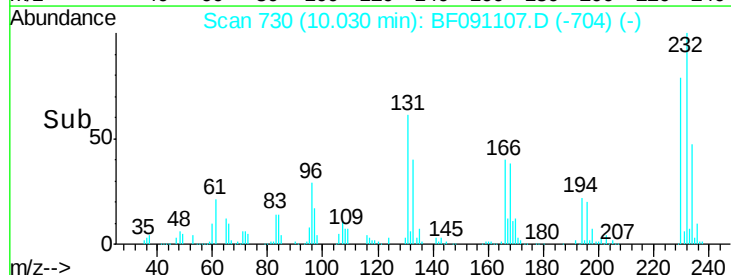
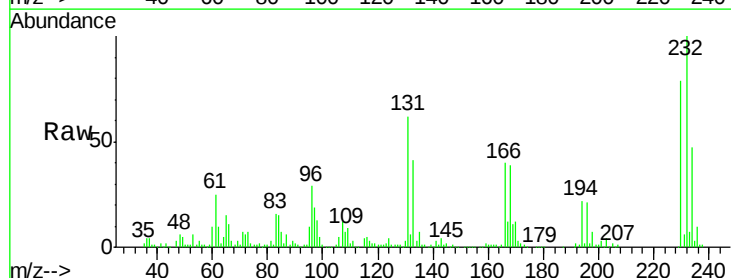
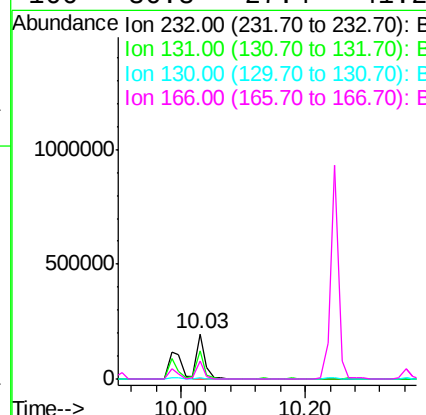
RT: 10.03 min Scan# 730

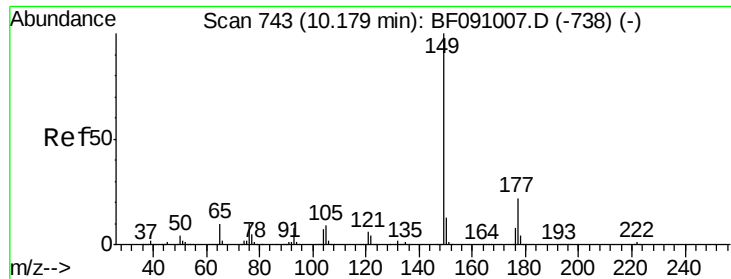
Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion:	232	Resp:	185259
Ion Ratio	Lower	Upper	
232	100		
131	55.9	43.6	65.4
130	2.6	2.0	3.0
166	36.8	27.4	41.2





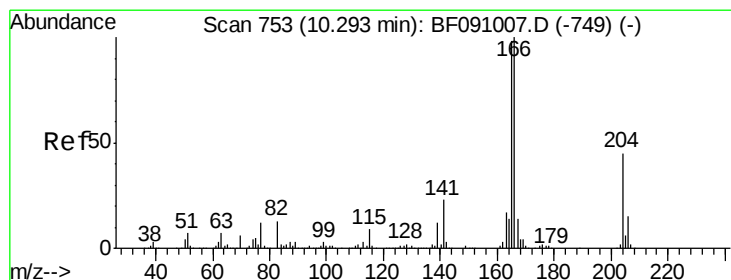
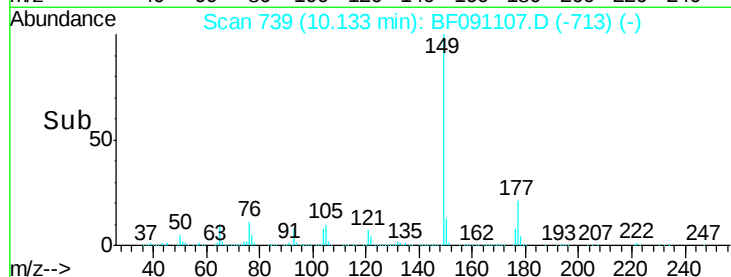
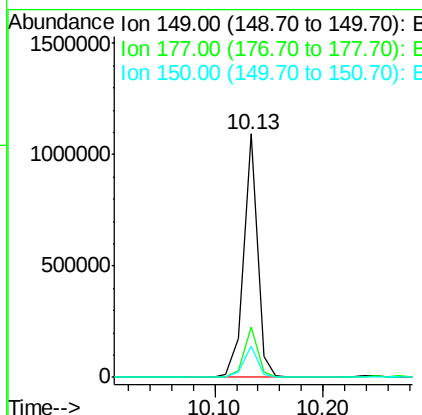
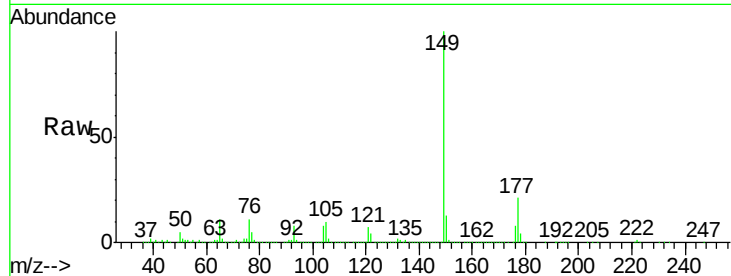
#59
Diethylphthalate
Concen: 38.76 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	945909		
177	20.6		17.3	25.9
150	13.0		10.3	15.5

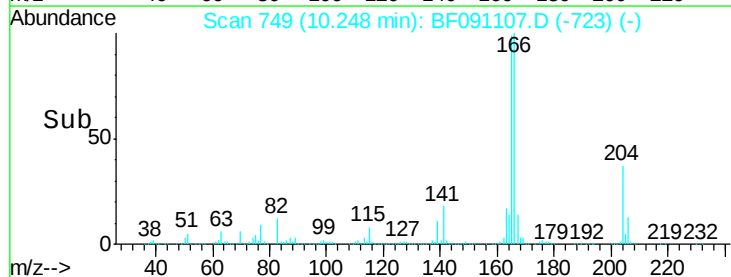
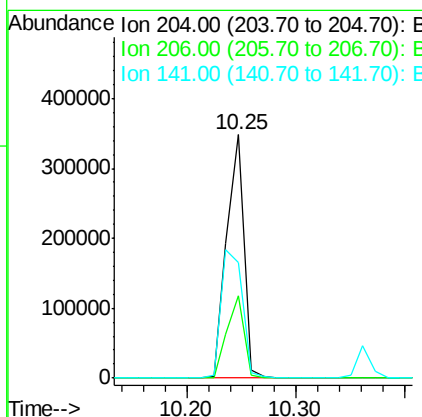
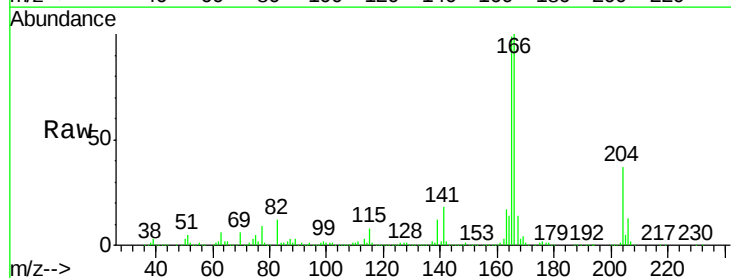
Manual Integrations
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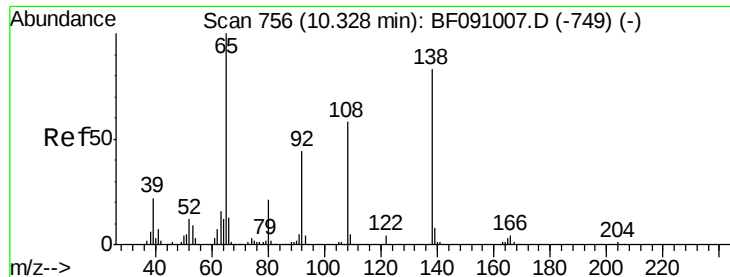
umangi
11/9/2016 10:57:00 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.16 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	386062		
206	33.7		27.1	40.7
141	47.6		40.1	60.1





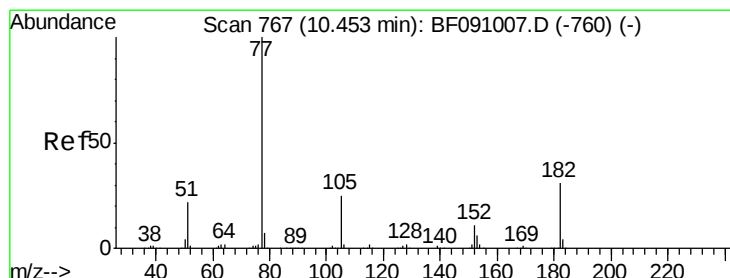
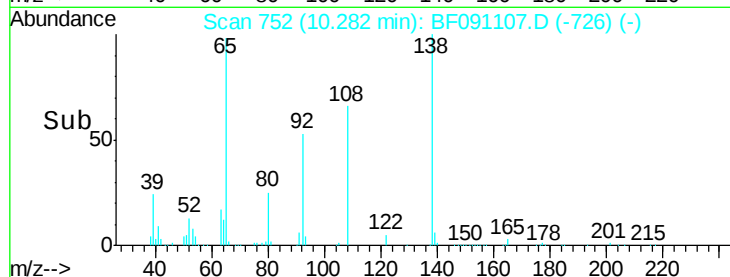
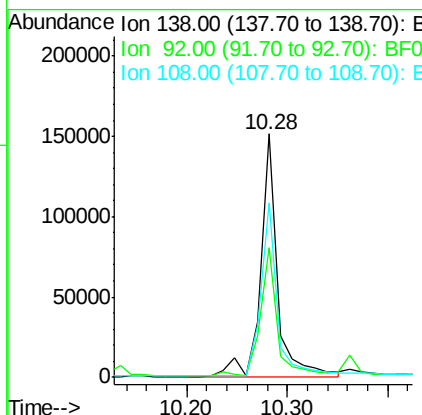
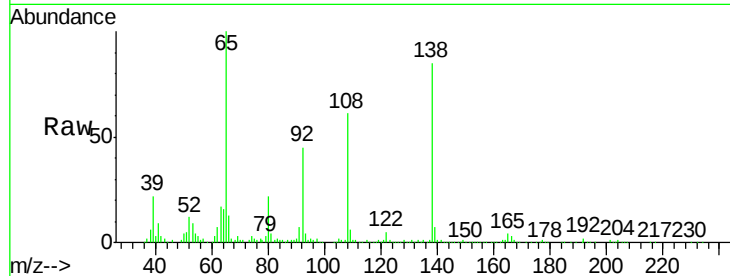
#61
4-Nitroaniline
Concen: 28.71 ng
RT: 10.28 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	32.5	72.5
108	71.5	49.4	89.4

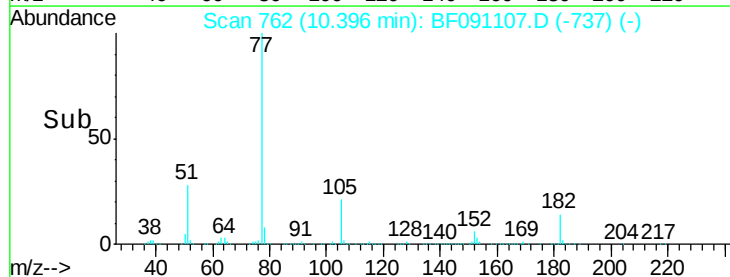
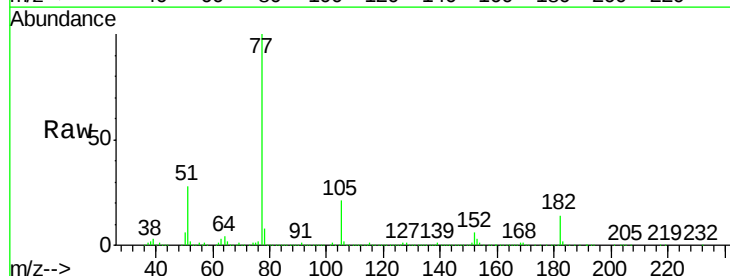
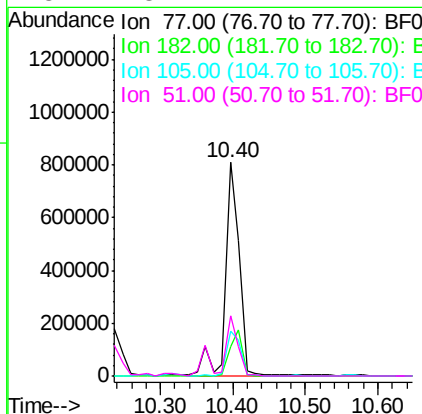
Manual Integrations
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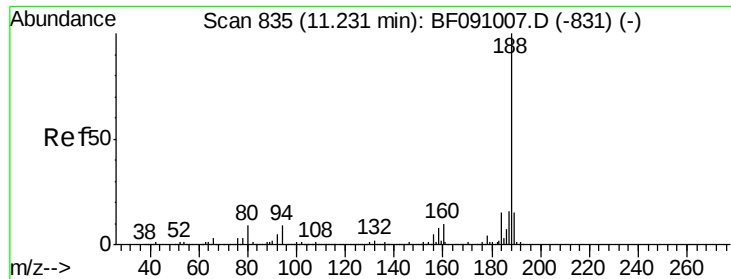
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#62
Azobenzene
Concen: 36.66 ng
RT: 10.40 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
77	100		
182	14.0	11.0	51.0
105	20.8	5.6	45.6
51	28.2	2.7	42.7





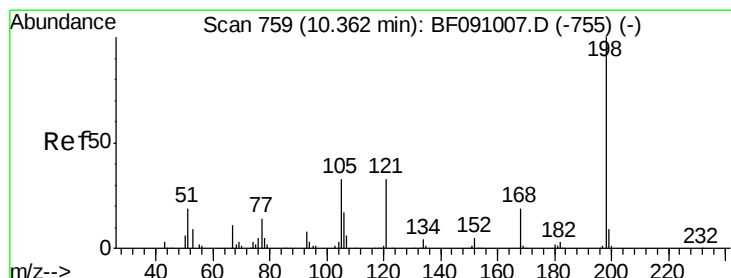
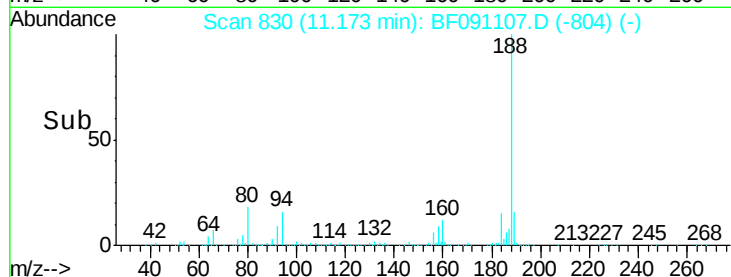
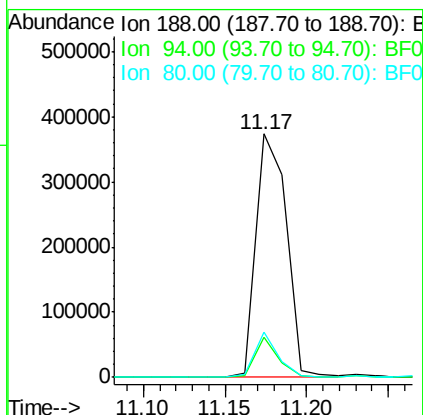
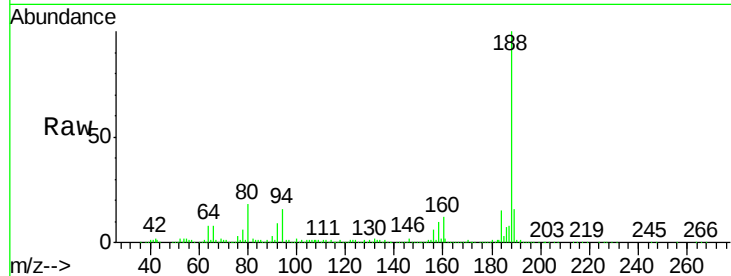
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	16.3	7.0	10.4#	
80	18.4	7.5	11.3#	

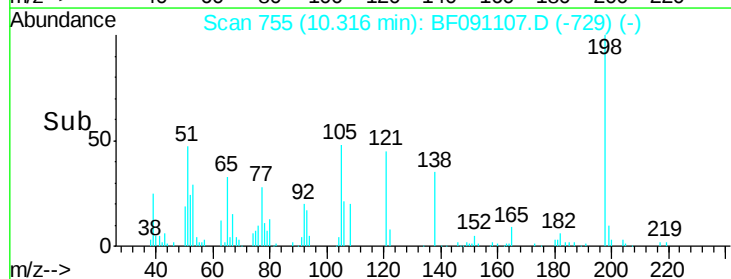
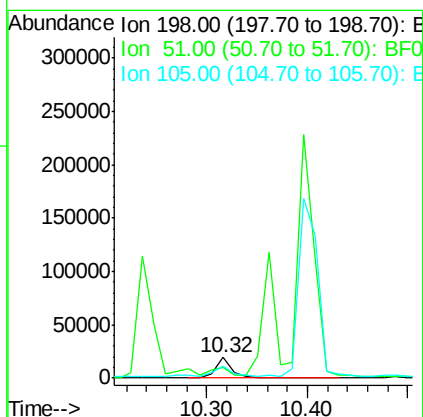
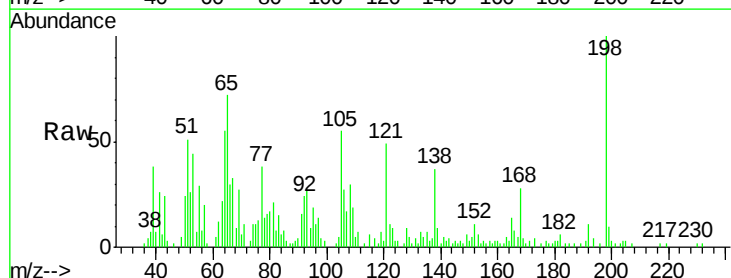
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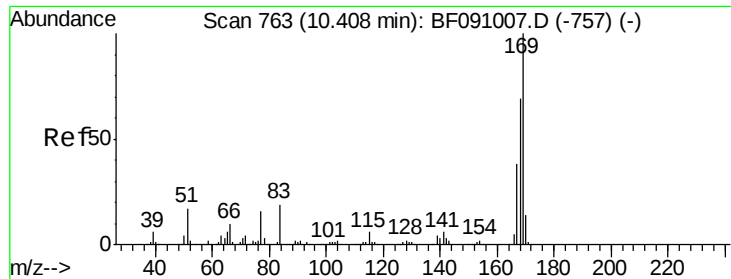
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.26 ng
RT: 10.32 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.8	5.9	45.9#	
105	54.5	13.8	53.8#	





#65

n-Nitrosodiphenylamine

Concen: 44.14 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

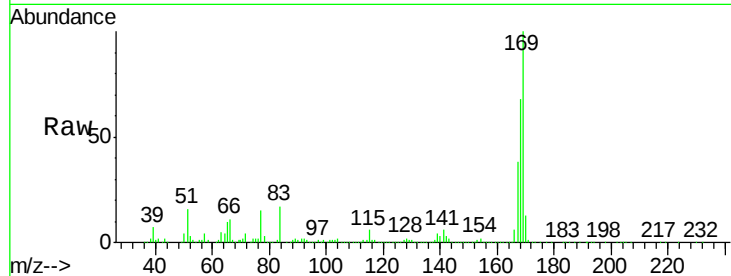
ClientSampleId :

WEST-SIDEWALLMSD

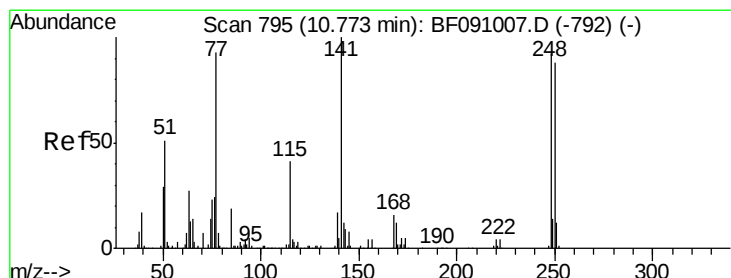
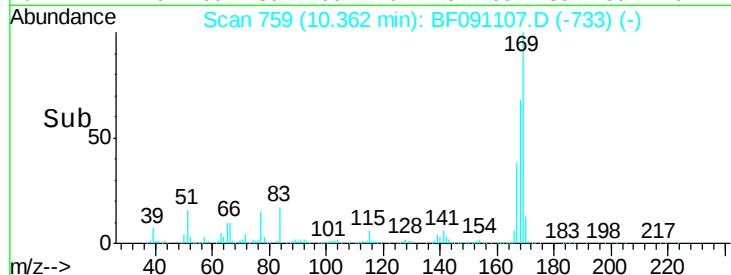
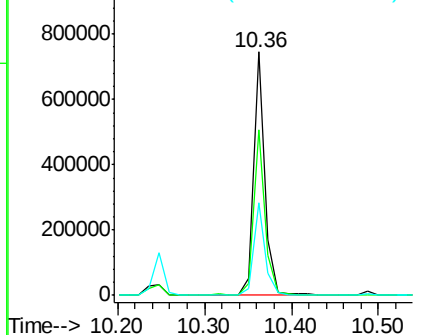
Tot Ion:	169	Resp:	682999
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.3	82.9
167	37.9	30.3	45.5

Manual Integrations
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.24 ng

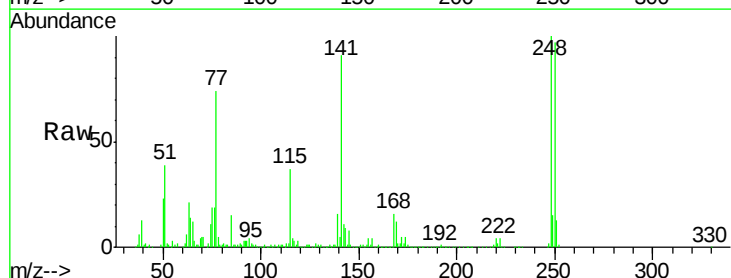
RT: 10.73 min Scan# 791

Delta R.T. -0.00 min

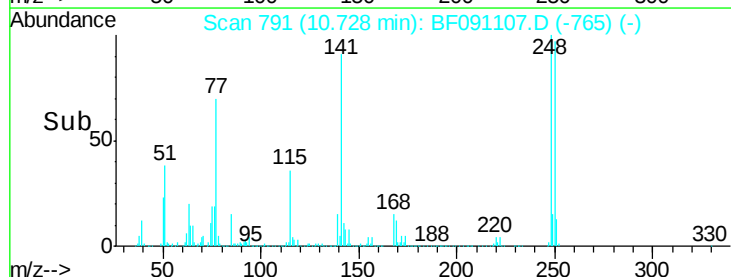
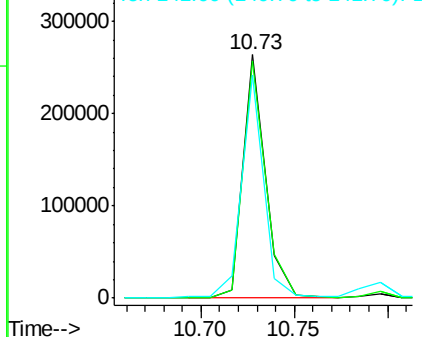
Lab File: BF091107.D

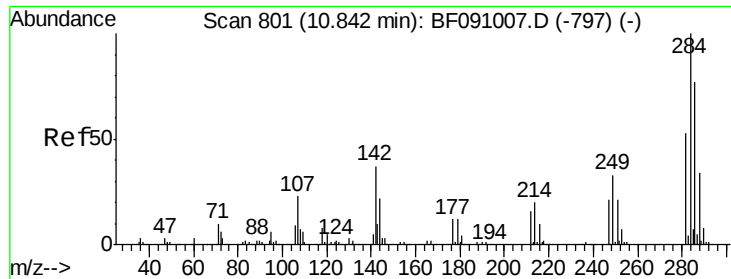
Acq: 9 Nov 2016 3:43

Tgt Ion:	248	Resp:	224026
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.3	114.5
141	91.5	86.8	130.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





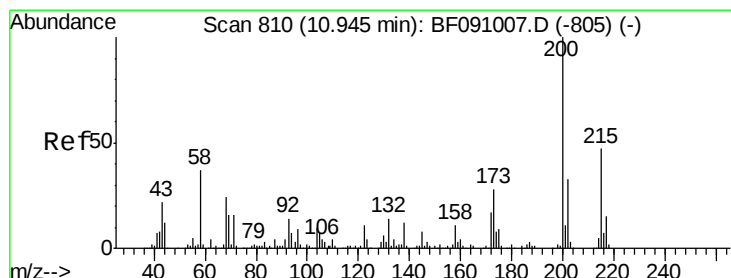
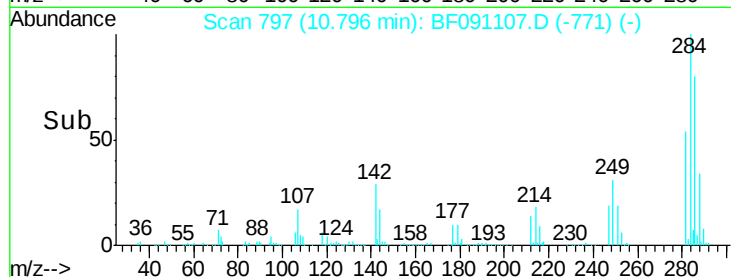
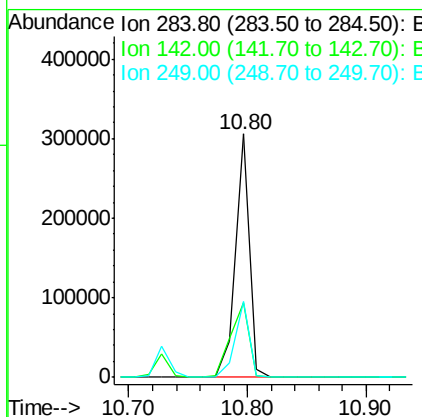
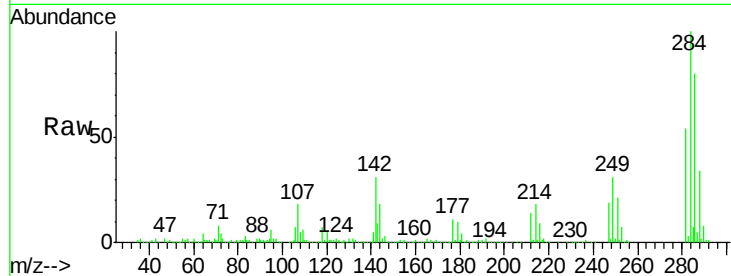
#67
Hexachlorobenzene
Concen: 44.94 ng
RT: 10.80 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.8	29.9	44.9
249	31.4	26.6	39.8

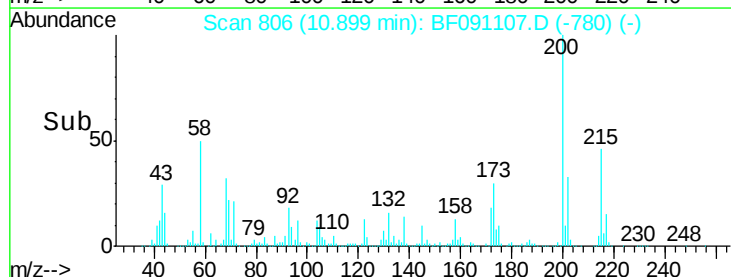
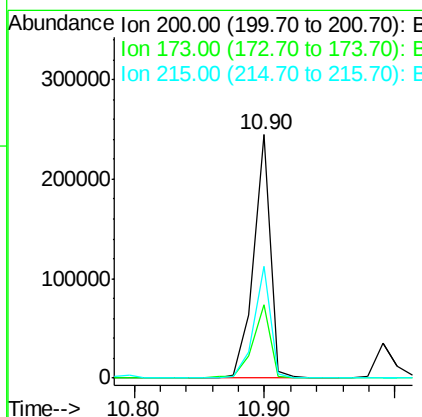
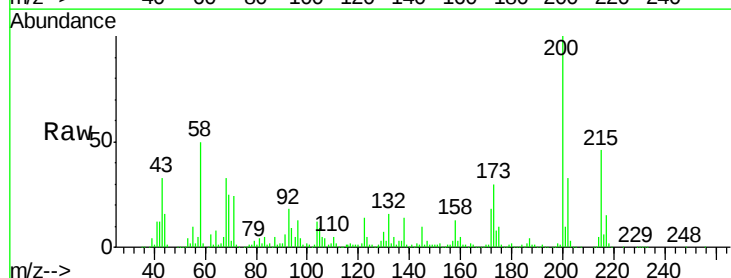
Manual Integrations
APPROVED

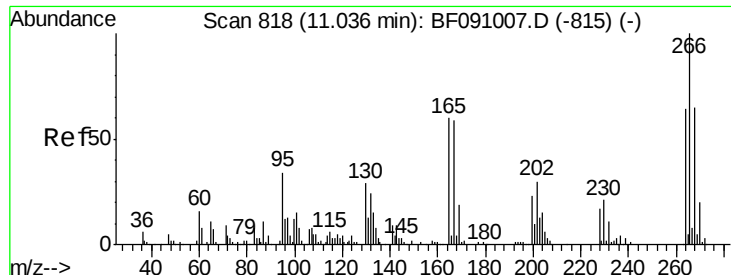
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#68
Atrazine
Concen: 49.37 ng
RT: 10.90 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	29.9	8.1	48.1
215	46.0	27.3	67.3





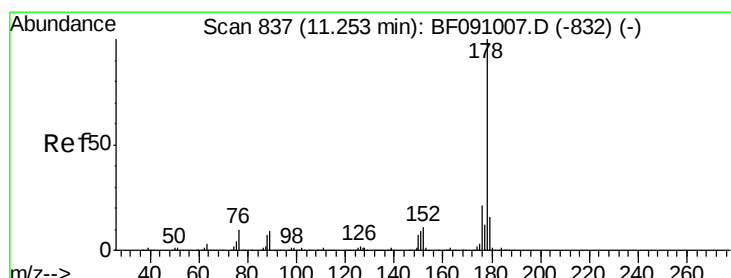
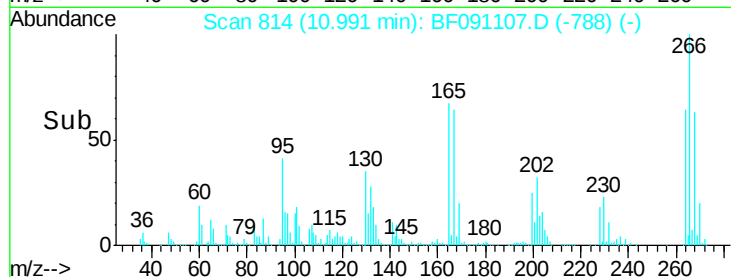
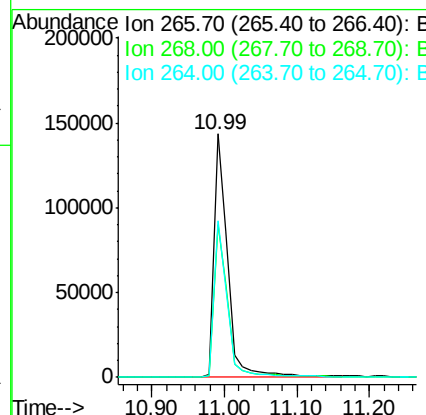
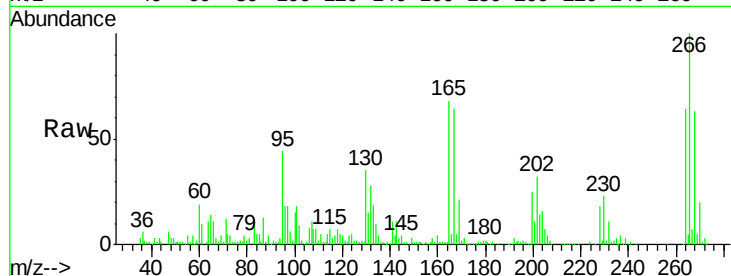
#69
 Pentachlorophenol
 Concen: 75.21 ng
 RT: 10.99 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.1	78.1
264	64.4	51.1	76.7

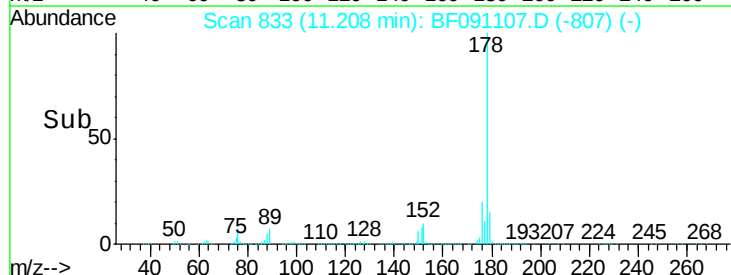
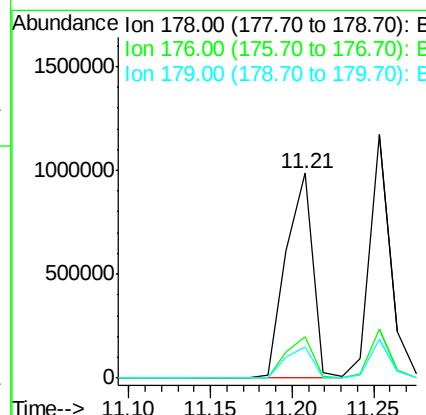
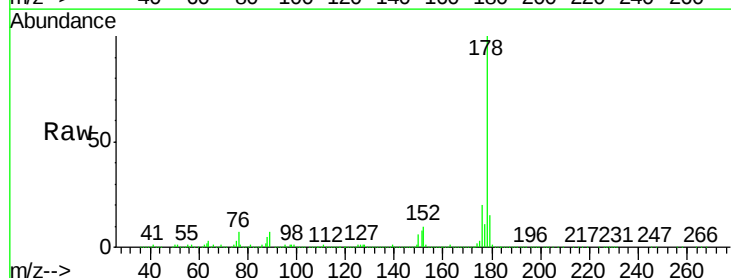
Manual Integrations
 APPROVED

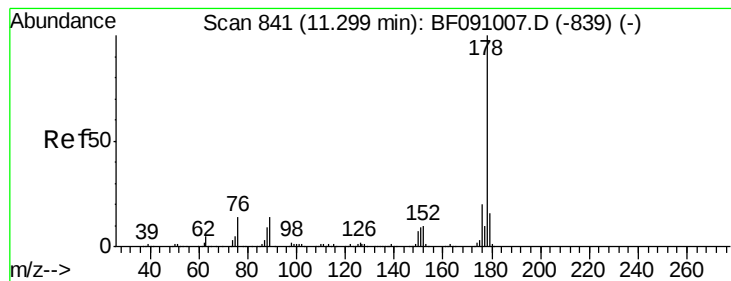
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#70
 Phenanthrene
 Concen: 43.72 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.6	25.0
179	15.5	12.9	19.3





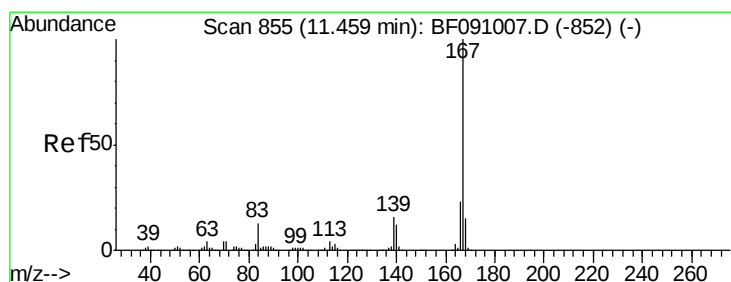
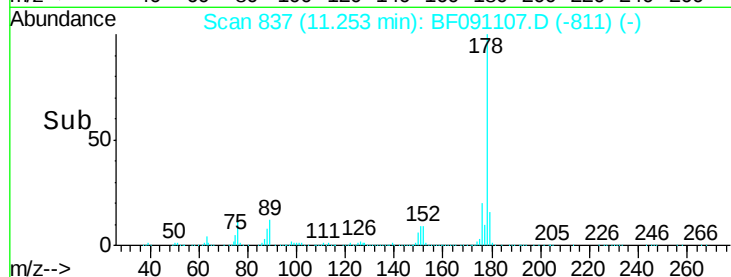
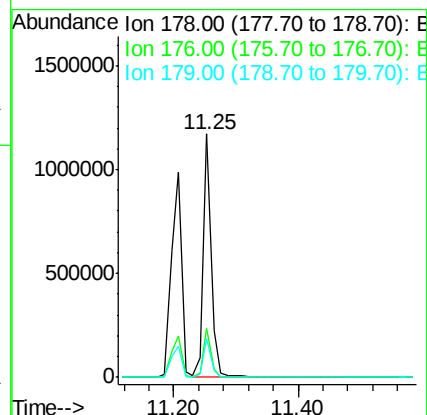
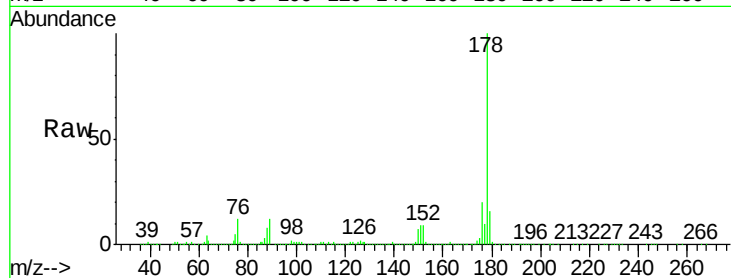
#71
 Anthracene
 Concen: 38.65 ng
 RT: 11.25 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tot Ion:178 Resp: 1063441
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.2 13.0 19.6

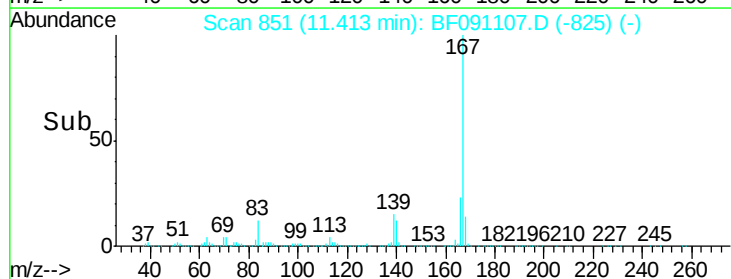
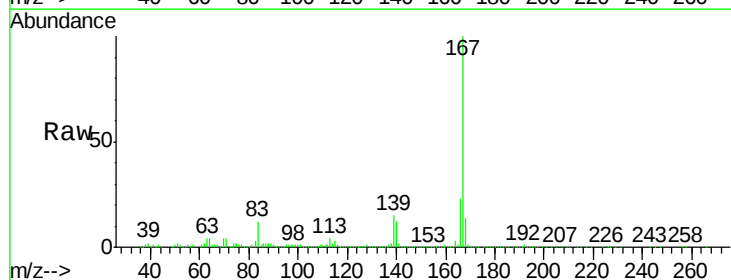
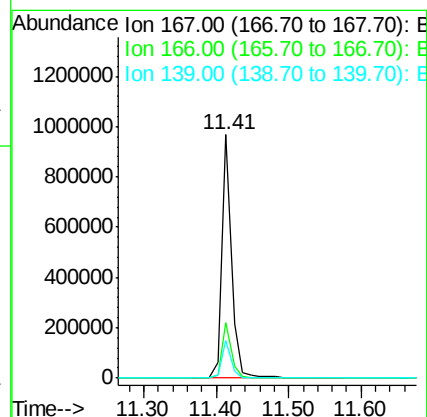
Manual Integrations
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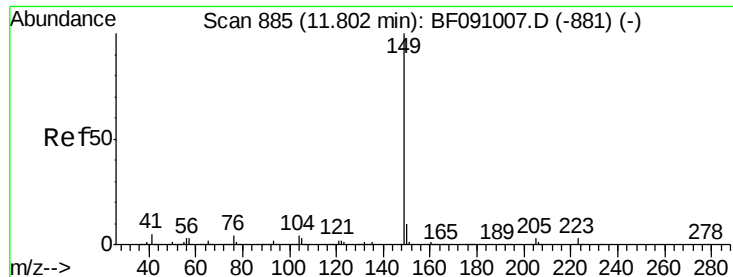
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#72
 Carbazole
 Concen: 36.32 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion:167 Resp: 900605
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 15.4 12.6 18.8





#73

Di-n-butylphthalate

Concen: 43.57 ng

RT: 11.76 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion:149 Resp: 1358746

Ion Ratio Lower Upper

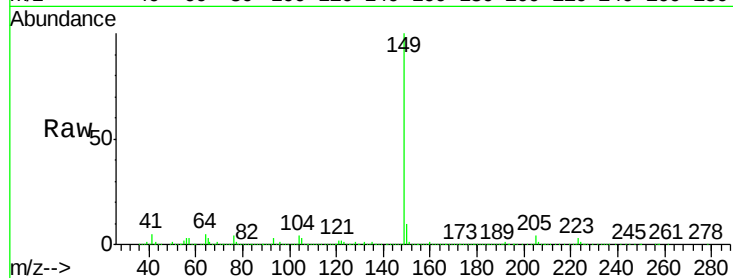
149 100

150 9.7 7.7 11.5

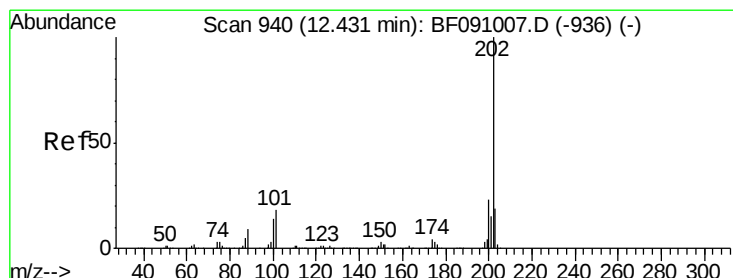
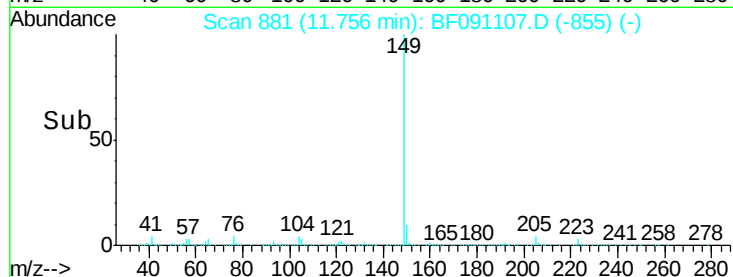
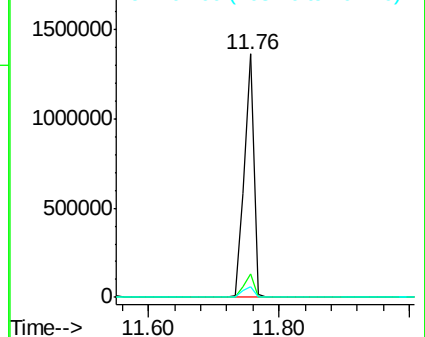
104 4.5 3.6 5.4

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



#74

Fluoranthene

Concen: 36.12 ng

RT: 12.38 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

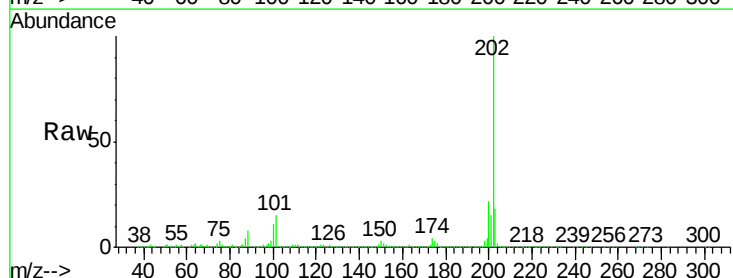
Tgt Ion:202 Resp: 969613

Ion Ratio Lower Upper

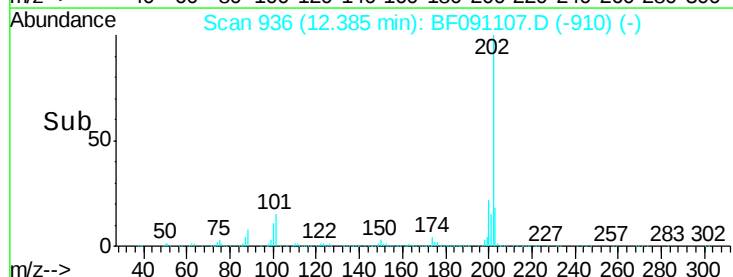
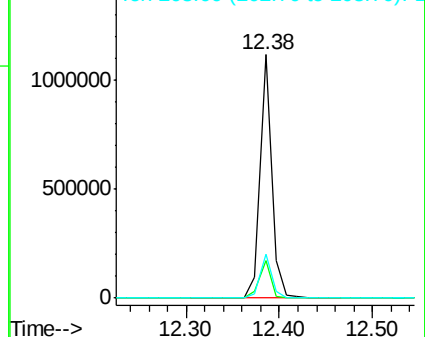
202 100

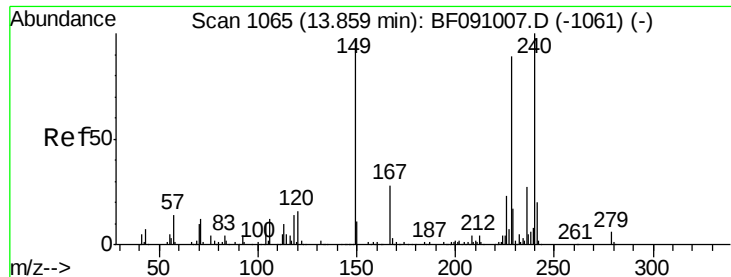
101 15.3 0.0 37.6

203 18.0 0.0 38.6



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

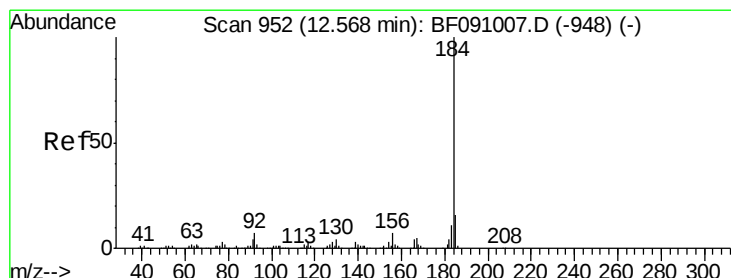
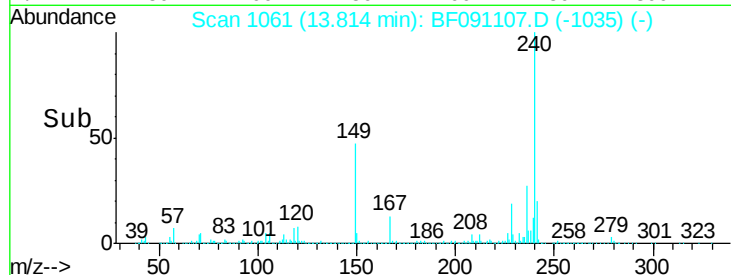
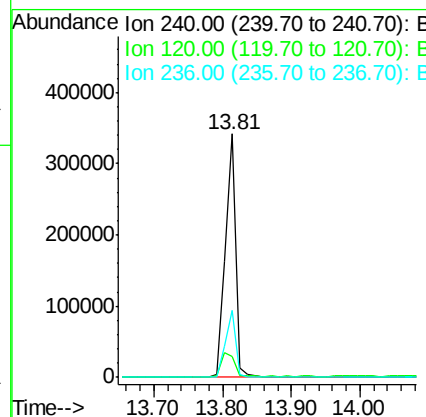
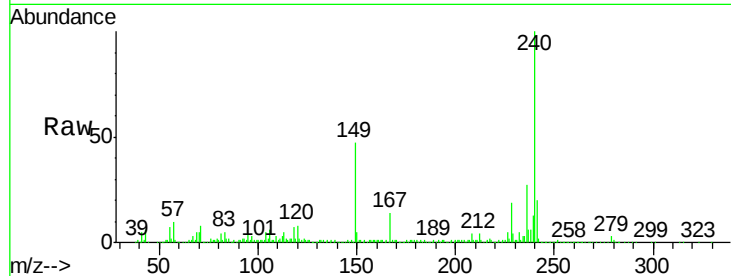
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	12.9	19.3#
236	27.4	21.9	32.9

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#76

Benzidine

Concen: 19.93 ng

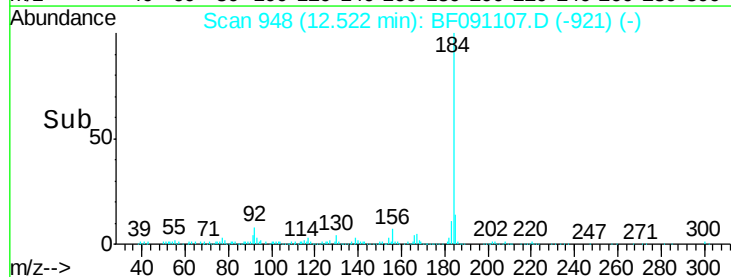
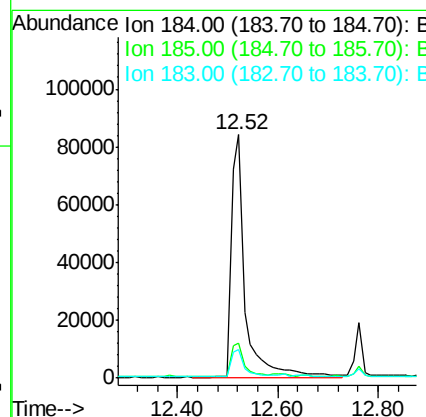
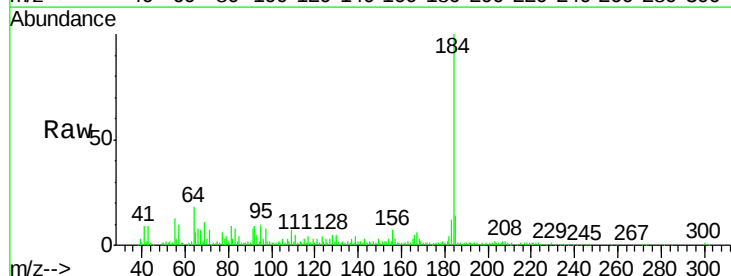
RT: 12.52 min Scan# 948

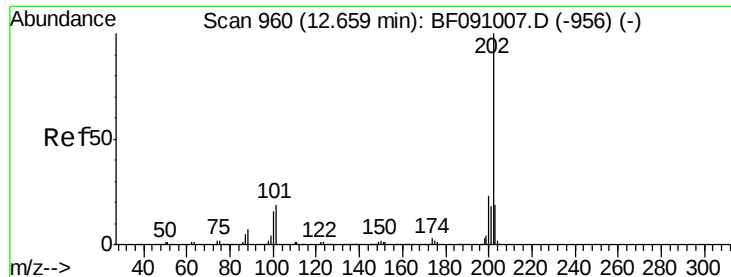
Delta R.T. 0.01 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.0	19.4
183	11.9	8.7	13.1





#77

Pvrene

Concen: 41.21 ng

RT: 12.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

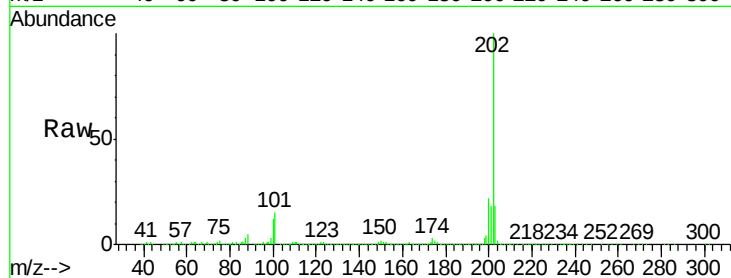
ClientSampleId :

WEST-SIDEWALLMSD

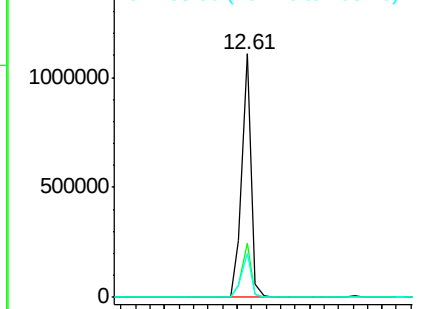
Tot Ion:	202	Resp:	992965
Ion Ratio		Lower	Upper
202	100		
200	22.4	18.4	27.6
203	18.1	15.0	22.6

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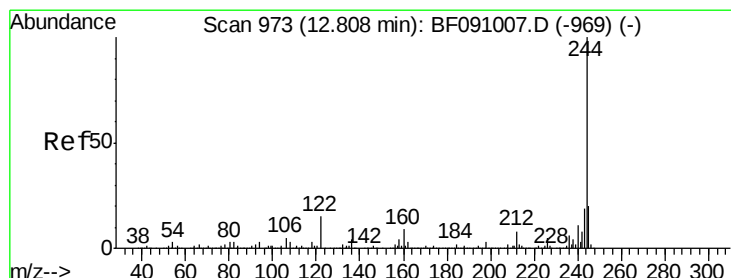
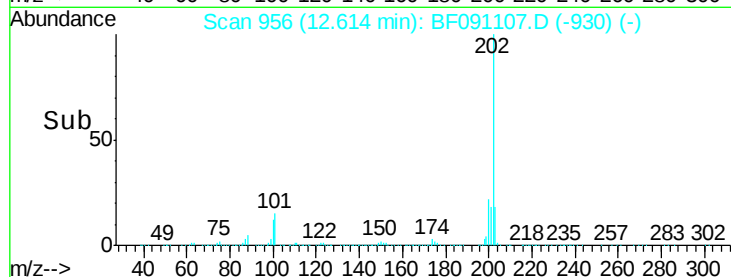
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 77.66 ng

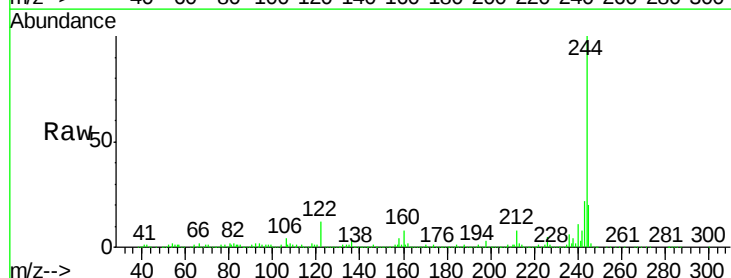
RT: 12.76 min Scan# 969

Delta R.T. -0.00 min

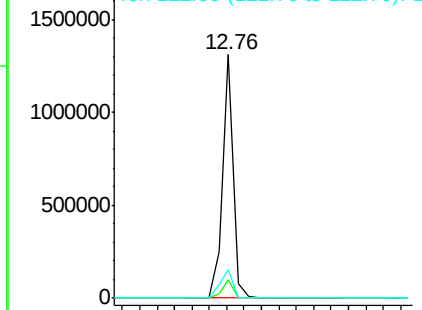
Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

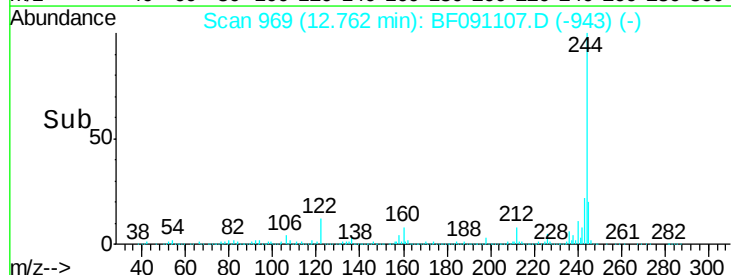
Tgt Ion:	244	Resp:	1145038
Ion Ratio		Lower	Upper
244	100		
212	7.6	6.4	9.6
122	11.9	12.3	18.5#

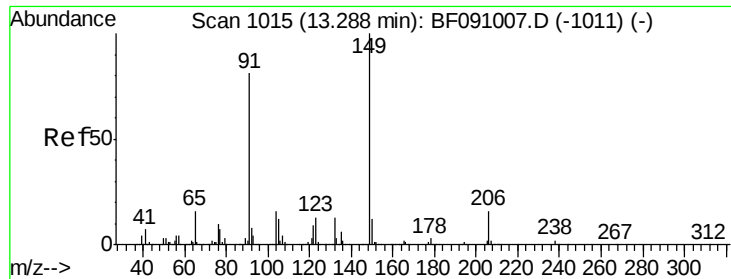


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





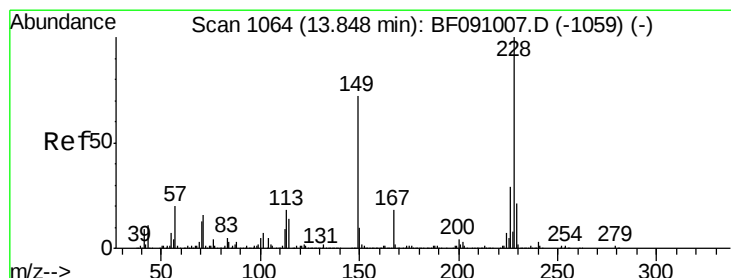
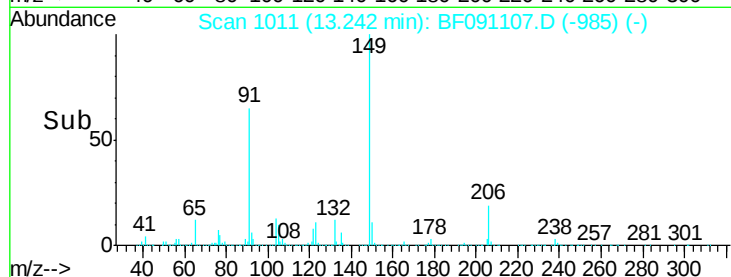
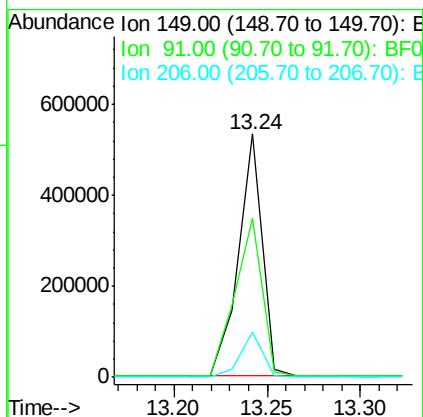
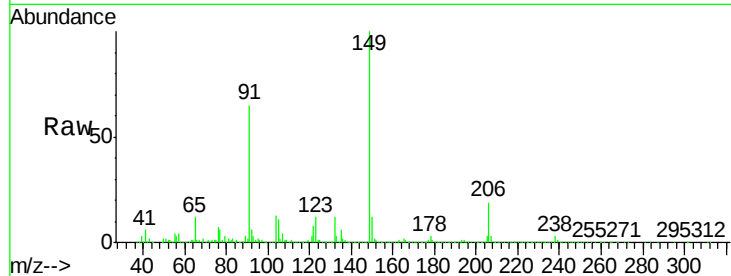
#79
Butylbenzylphthalate
Concen: 41.47 ng
RT: 13.24 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	65.0	97.4
206	18.6	12.5	18.7

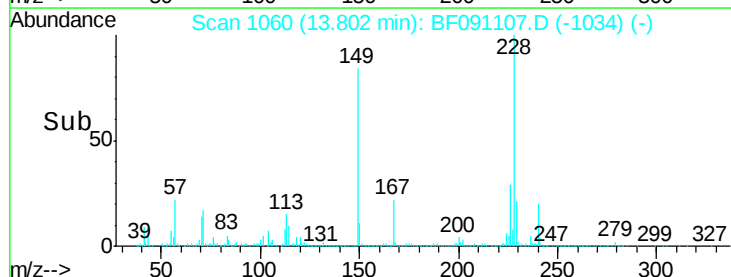
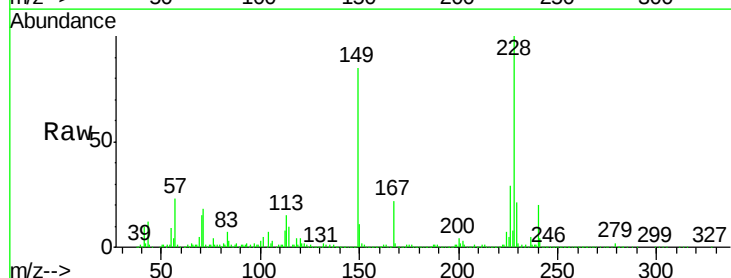
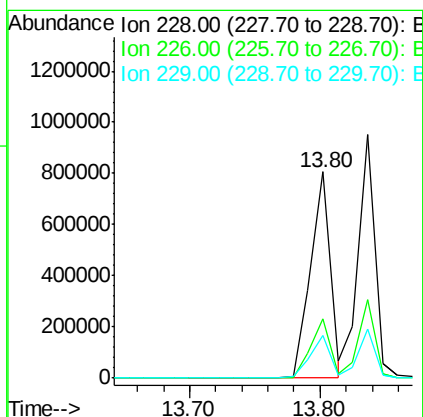
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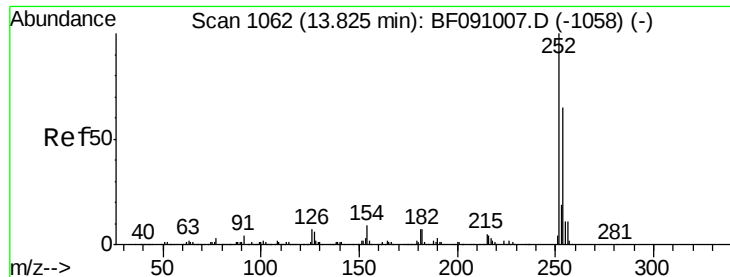
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#80
Benzo(a)anthracene
Concen: 40.19 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	20.6	16.6	24.8





#81

3,3'-Dichlorobenzidine

Concen: 27.72 ng

RT: 13.77 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

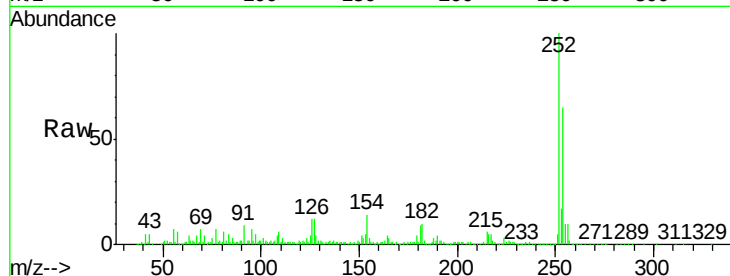
ClientSampleId :

WEST-SIDEWALLMSD

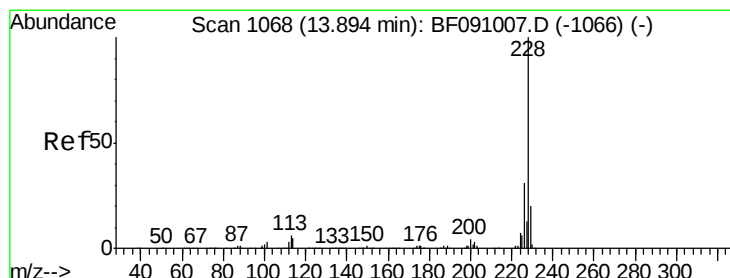
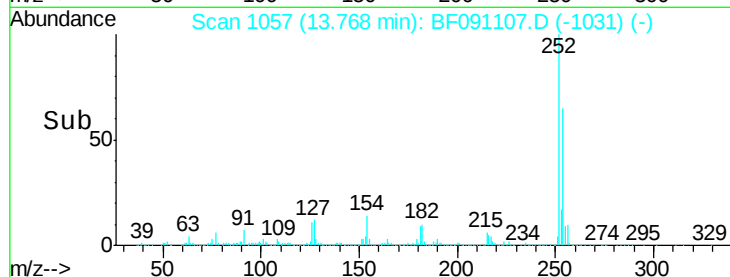
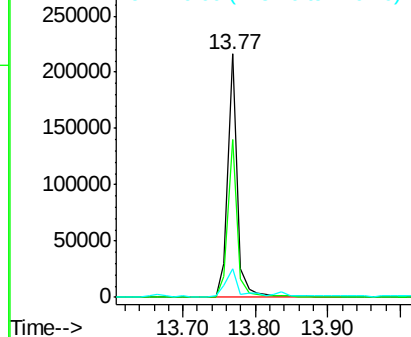
Tot Ion:	252	Resp:	203415
Ion Ratio		Lower	Upper
252	100		
254	65.1	52.0	78.0
126	11.7	5.4	8.2#

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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: 40.60 ng

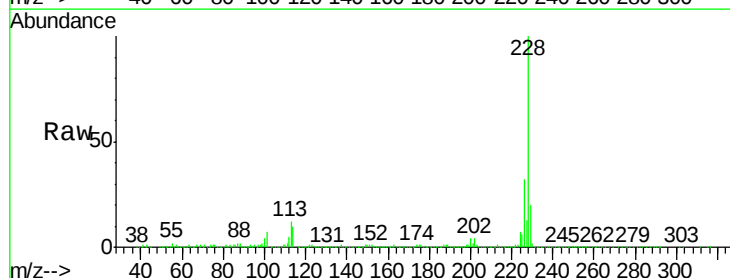
RT: 13.84 min Scan# 1063

Delta R.T. -0.00 min

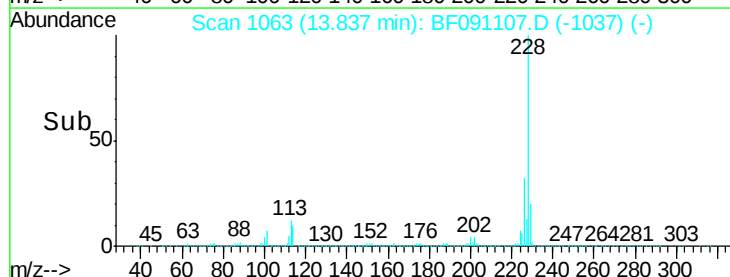
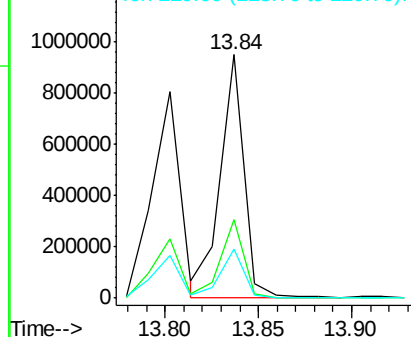
Lab File: BF091107.D

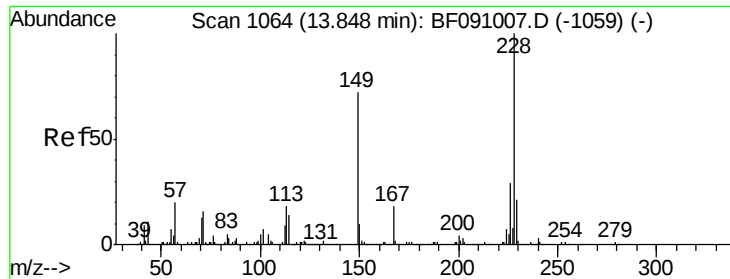
Acq: 9 Nov 2016 3:43

Tgt Ion:	228	Resp:	836412
Ion Ratio		Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.3	15.9	23.9



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





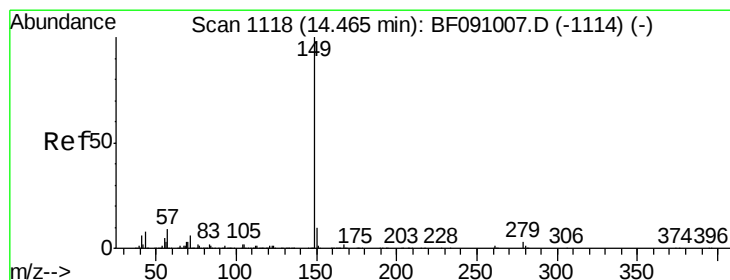
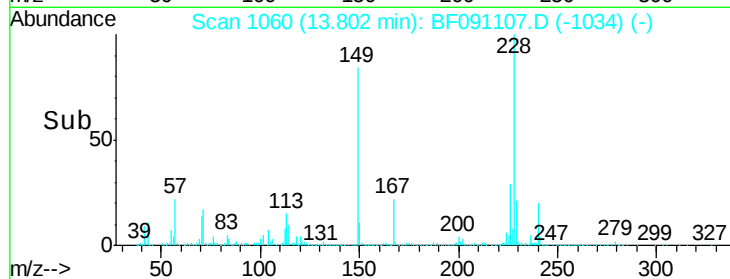
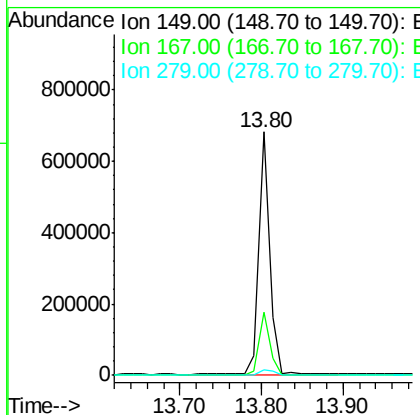
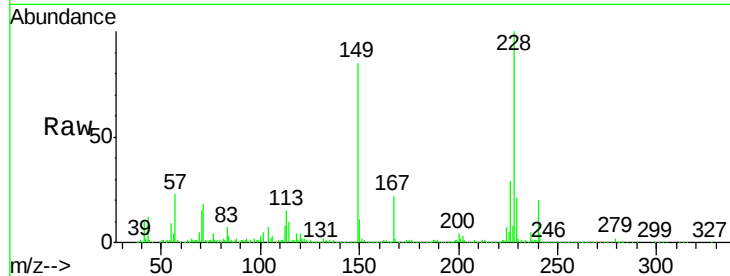
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.88 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	621978		
167	25.9		20.4	30.6
279	2.5		1.6	2.4#

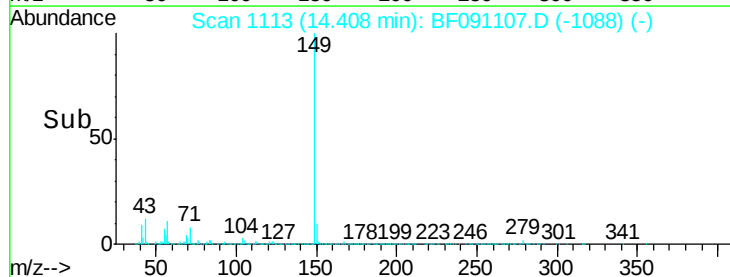
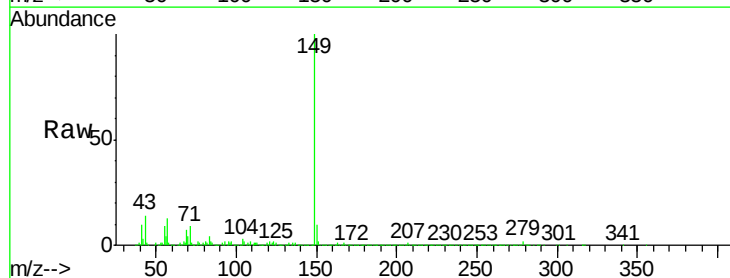
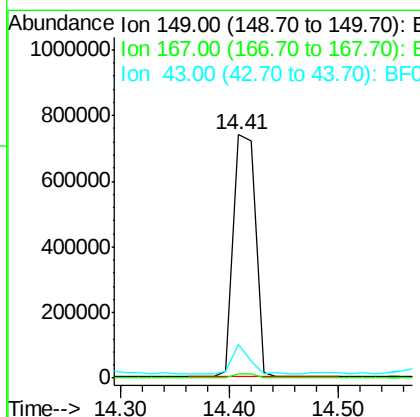
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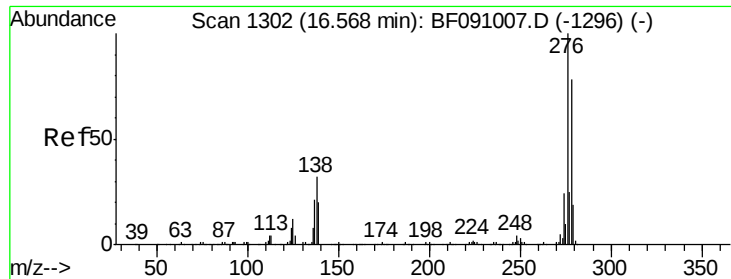
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#84
 Di-n-octyl phthalate
 Concen: 40.04 ng
 RT: 14.41 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1026870		
167	1.5		1.2	1.8
43	9.0		8.2	12.4





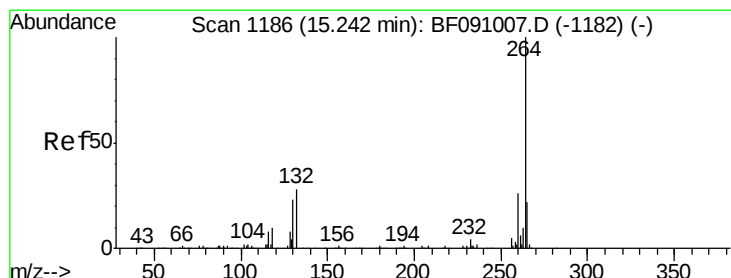
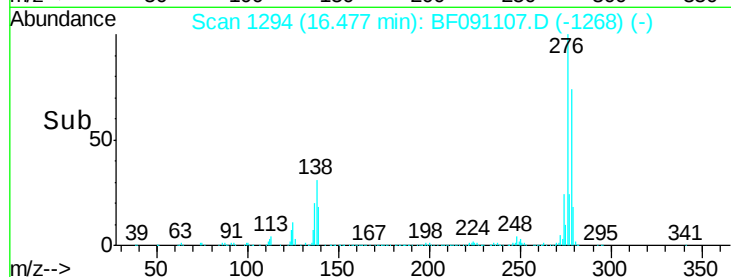
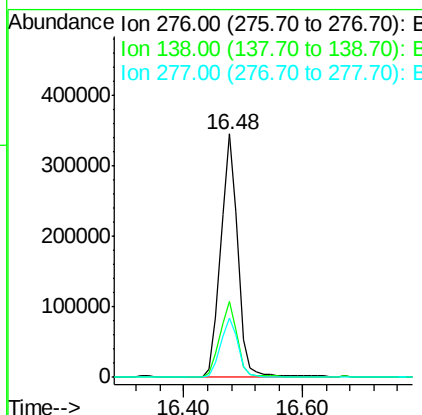
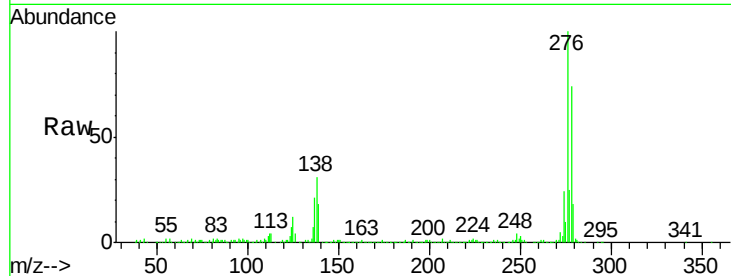
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.25 ng
 RT: 16.48 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	31.2	26.0	39.0
277	25.0	20.1	30.1

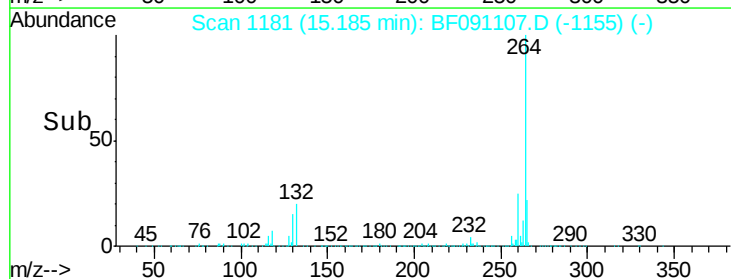
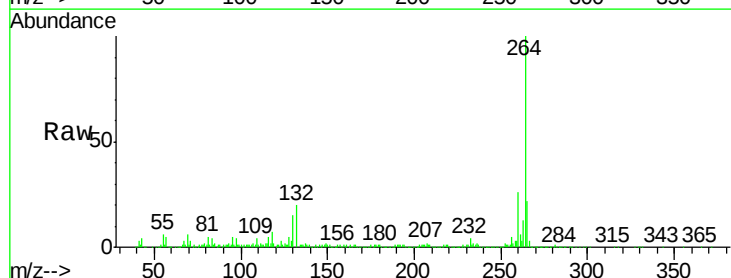
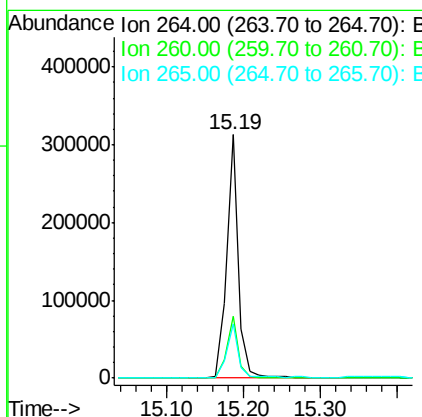
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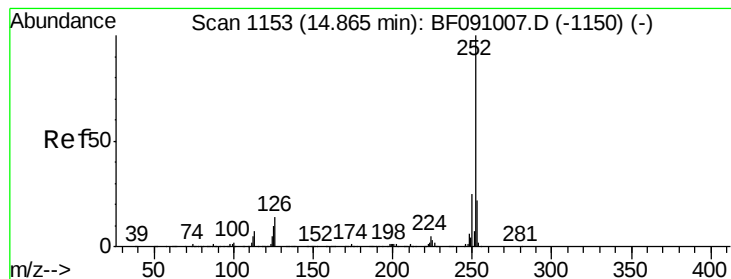
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.6	30.8
265	22.2	17.8	26.8





#87

Benzo(b)fluoranthene

Concen: 37.74 ng m

RT: 14.81 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Instrument :

BNA_F

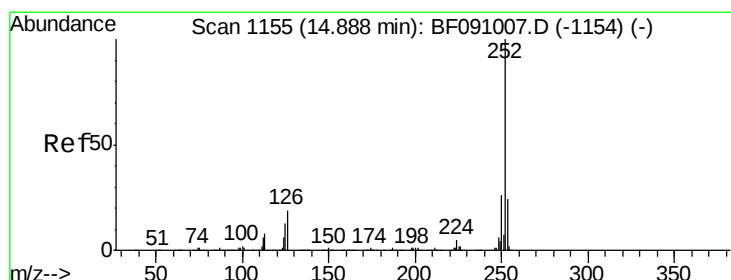
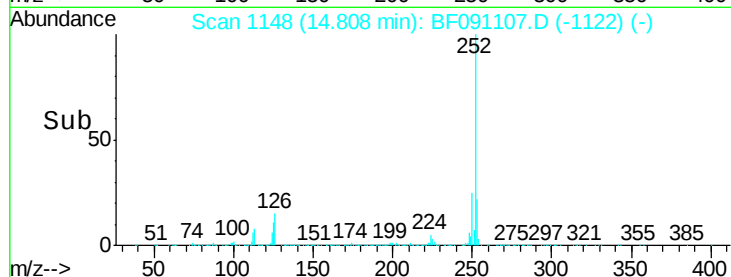
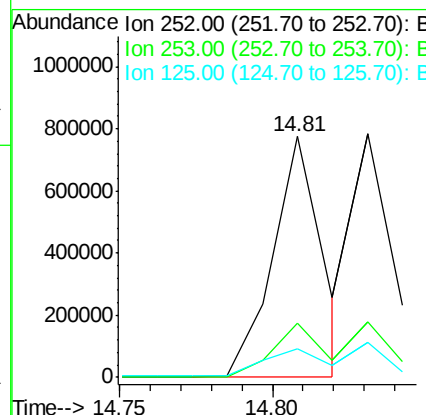
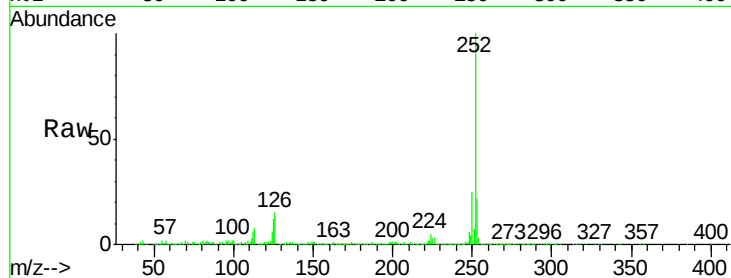
ClientSampleId :

WEST-SIDEWALLMSD

Tot Ion:	252	Resp:	872588
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	11.8	8.3	12.5

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#88

Benzo(k)fluoranthene

Concen: 35.76 ng m

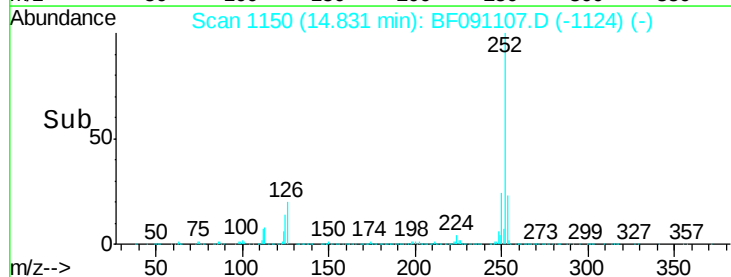
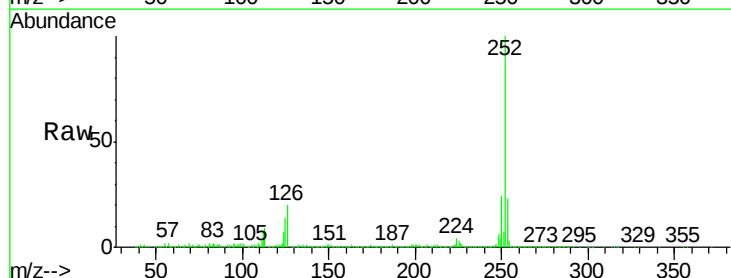
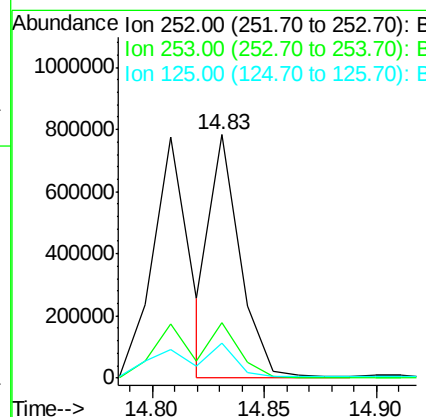
RT: 14.83 min Scan# 1150

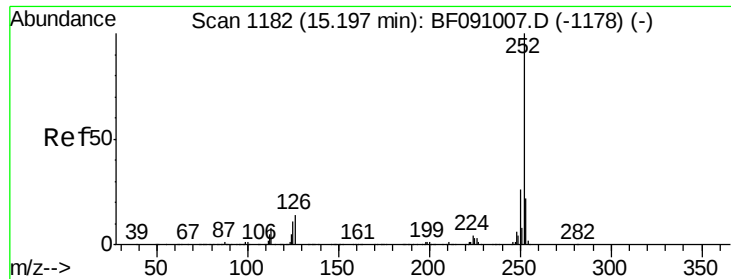
Delta R.T. -0.00 min

Lab File: BF091107.D

Acq: 9 Nov 2016 3:43

Tgt Ion:	252	Resp:	725400
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.6	28.0
125	14.2	11.2	16.8





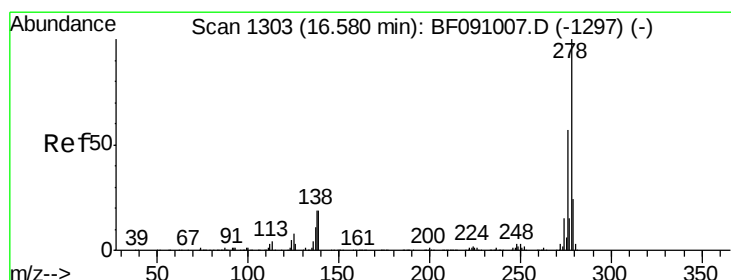
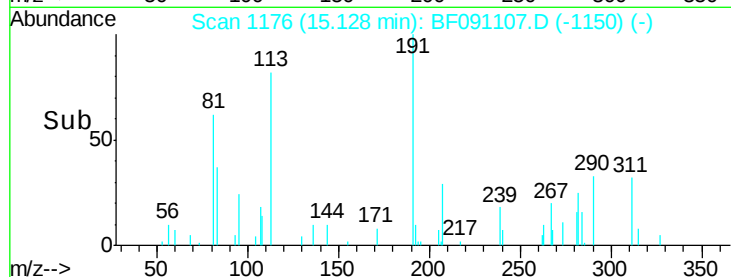
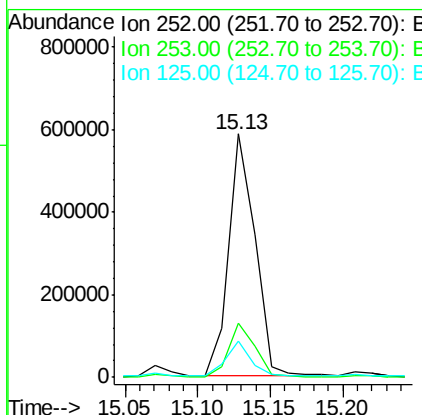
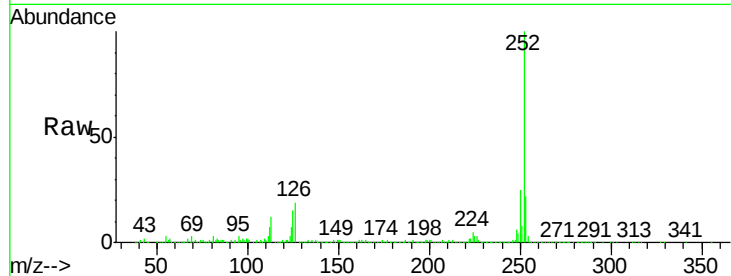
#89
Benzo(a)pyrene
Concen: 37.09 ng
RT: 15.13 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	14.9	8.6	13.0

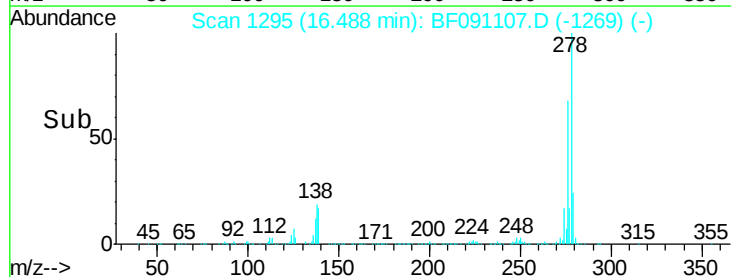
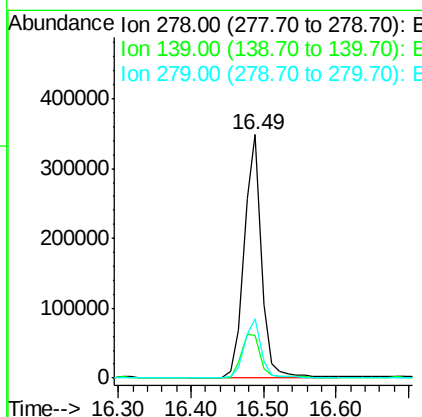
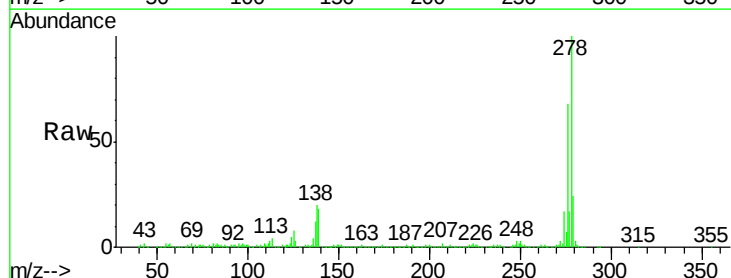
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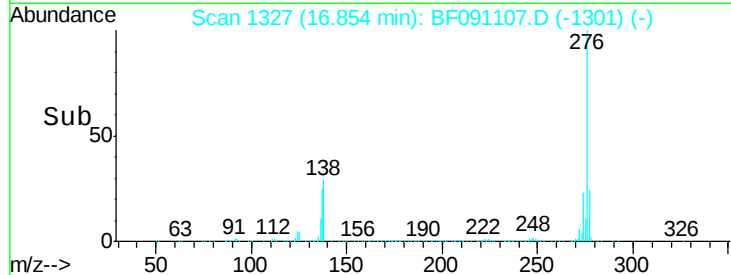
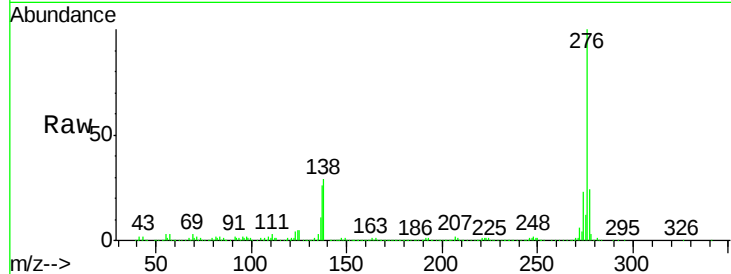
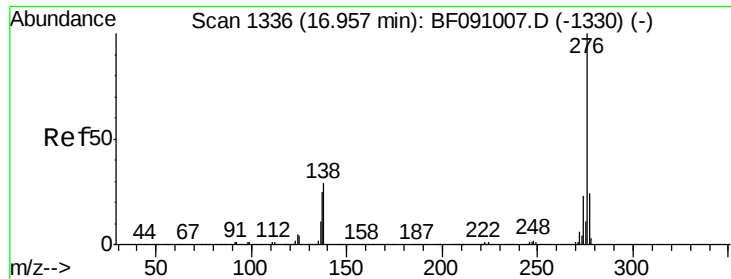
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#90
Dibenzo(a,h)anthracene
Concen: 33.02 ng
RT: 16.49 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF091107.D
Acq: 9 Nov 2016 3:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	15.3	22.9
279	24.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 33.52 ng
 RT: 16.85 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: BF091107.D
 Acq: 9 Nov 2016 3:43

Instrument :
 BNA_F
 ClientSampleId :
 WEST-SIDEWALLMSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.0	19.2	28.8
138	29.4	23.3	34.9

Manual Integrations
 APPROVED

umangi
 11/9/2016 10:57:00 AM

