

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
 Data File : BF091596.D
 Acq On : 14 Dec 2016 20:46
 Operator : UM/SJ
 Sample : H6006-10MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Manual Integrations
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Quant Time: Dec 15 01:23:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	310650	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1226279	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	635134	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	998104	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	540098	20.00	ng	-0.01
86) Perylene-d12	15.37	264	621675	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1983874	107.59	ng	-0.01
7) Phenol-d6	6.44	99	2916889	126.89	ng	-0.01
23) Nitrobenzene-d5	7.37	82	2024793	92.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	535735	101.55	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	2521731	68.60	ng	-0.02
78) Terphenyl-d14	12.90	244	2177138	91.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	320296	32.91	ng	87
3) Pyridine	3.10	79	1022667	39.44	ng	# 78
4) n-Nitrosodimethylamine	3.06	42	456622	40.99	ng	# 58
6) Aniline	6.46	93	542864	18.01	ng	# 18
8) 2-Chlorophenol	6.58	128	845919	40.64	ng	84
9) Benzaldehyde	6.34	77	167914	10.61	ng	78
10) Phenol	6.46	94	1463233	54.44	ng	83
11) bis(2-Chloroethyl)ether	6.53	93	843088	41.76	ng	91
12) 1,3-Dichlorobenzene	6.74	146	941253	41.70	ng	97
13) 1,4-Dichlorobenzene	6.81	146	882359	39.64	ng	95
14) 1,2-Dichlorobenzene	6.97	146	858594	42.80	ng	97
15) Benzyl Alcohol	6.94	79	768743	42.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1272416	40.67	ng	80
17) 2-Methylphenol	7.07	107	740805m	43.02	ng	
18) Hexachloroethane	7.31	117	347819	40.03	ng	91
19) n-Nitroso-di-n-propylamine	7.22	70	621056	43.21	ng	# 80
20) 3+4-Methylphenols	7.22	107	874828	47.19	ng	93
22) Acetophenone	7.21	105	1207591	41.10	ng	# 96
24) Nitrobenzene	7.38	77	885829	38.16	ng	91
25) Isophorone	7.63	82	1789378	45.81	ng	# 94
26) 2-Nitrophenol	7.70	139	482096	47.06	ng	# 84
27) 2,4-Dimethylphenol	7.74	122	779581	43.32	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	1072015	46.79	ng	99
29) 2,4-Dichlorophenol	7.95	162	715404	45.69	ng	91
30) 1,2,4-Trichlorobenzene	8.02	180	756660	42.52	ng	100
31) Naphthalene	8.10	128	2437601	42.72	ng	99
32) Benzoic acid	7.88	122	2365m	5.06	ng	
33) 4-Chloroaniline	8.16	127	279267	11.36	ng	# 94
34) Hexachlorobutadiene	8.22	225	403578	39.56	ng	97
35) Caprolactam	8.52	113	247673	54.17	ng	# 65
36) 4-Chloro-3-methylphenol	8.65	107	760065	43.29	ng	99
37) 2-Methylnaphthalene	8.80	142	1558325	42.20	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	696283	39.97	ng	98
40) Hexachlorocyclopentadiene	8.96	237	520270	66.99	ng	98

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Instrument :
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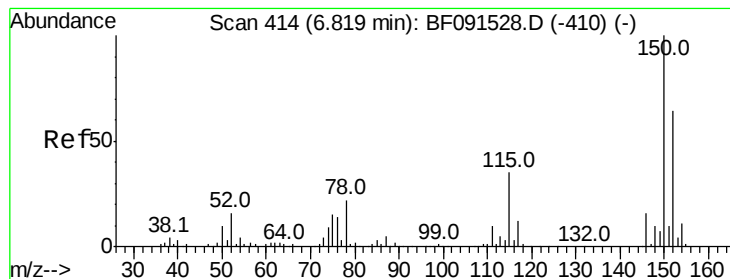
Manual Integrations
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Quant Time: Dec 15 01:23:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	478293m	42.73	nq	
43) 2,4,5-Trichlorophenol	9.13	196	504045m	43.82	nq	
45) 1,1'-Biphenyl	9.26	154	2049023	44.54	nq	96
46) 2-Chloronaphthalene	9.29	162	1524241	42.79	nq	97
47) 2-Nitroaniline	9.38	65	461565	38.53	nq	86
48) Acenaphthylene	9.70	152	2142366	39.45	nq	98
49) Dimethylphthalate	9.57	163	2513504	62.50	nq	99
50) 2,6-Dinitrotoluene	9.63	165	423453	47.97	nq	# 69
51) Acenaphthene	9.87	154	1390962	36.88	nq	97
52) 3-Nitroaniline	9.79	138	292363	28.20	nq	95
53) 2,4-Dinitrophenol	9.89	184	48704	15.92	nq	95
54) Dibenzofuran	10.04	168	1912169	40.98	nq	99
55) 4-Nitrophenol	9.96	139	540179	70.02	nq	92
56) 2,4-Dinitrotoluene	10.03	165	561147	50.72	nq	# 83
57) Fluorene	10.38	166	1443102	43.06	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	358663	39.83	nq	96
59) Diethylphthalate	10.27	149	1702477	43.96	nq	# 94
60) 4-Chlorophenyl-phenylether	10.38	204	658522	39.25	nq	96
61) 4-Nitroaniline	10.41	138	426352	41.38	nq	96
62) Azobenzene	10.53	77	1844312	42.03	nq	89
64) 4,6-Dinitro-2-methylphenol	10.43	198	131006	23.23	nq	# 85
65) n-Nitrosodiphenylamine	10.50	169	1346196	45.24	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	423508	41.39	nq	98
67) Hexachlorobenzene	10.93	284	468487	44.03	nq	# 93
68) Atrazine	11.02	200	440811	46.07	nq	98
69) Pentachlorophenol	11.13	266	371031	61.96	nq	96
70) Phenanthrene	11.34	178	2909304	58.86	nq	98
71) Anthracene	11.39	178	2345905	44.00	nq	99
72) Carbazole	11.55	167	1951570	41.76	nq	100
73) Di-n-butylphthalate	11.89	149	2494566	45.82	nq	99
74) Fluoranthene	12.53	202	3161829	61.09	nq	99
76) Benzidine	12.65	184	787425	47.15	nq	97
77) Pyrene	12.76	202	3015488	70.37	nq	99
79) Butylbenzylphthalate	13.38	149	877174	52.52	nq	90
80) Benzo(a)anthracene	13.94	228	1781511	56.80	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	329966	29.30	nq	# 95
82) Chrysene	13.99	228	1632770	49.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1096968	51.19	nq	# 99
84) Di-n-octyl phthalate	14.56	149	1925850	52.95	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.74	276	1772704	60.03	nq	99
87) Benzo(b)fluoranthene	14.97	252	1950756m	52.64	nq	
88) Benzo(k)fluoranthene	14.99	252	1318379m	40.46	nq	
89) Benzo(a)pyrene	15.31	252	1672637	50.10	nq	98
90) Dibenzo(a,h)anthracene	16.75	278	1366801	45.70	nq	98
91) Benzo(g,h,i)perylene	17.15	276	1527250	50.17	nq	# 96

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



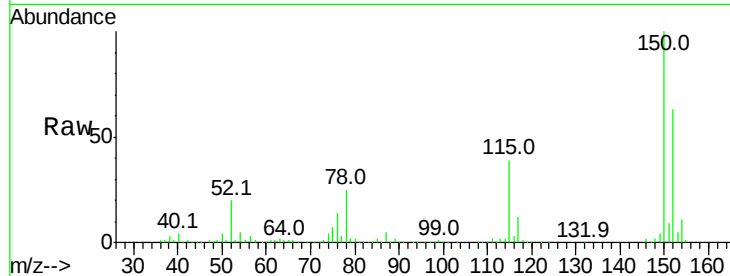
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

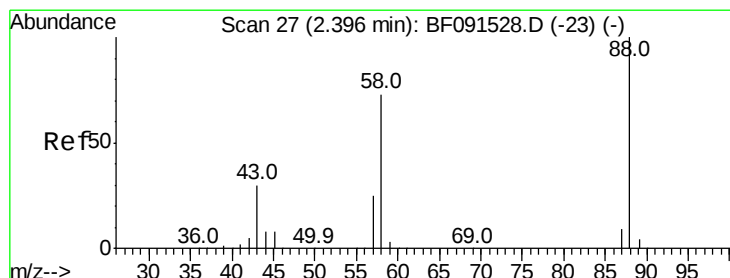
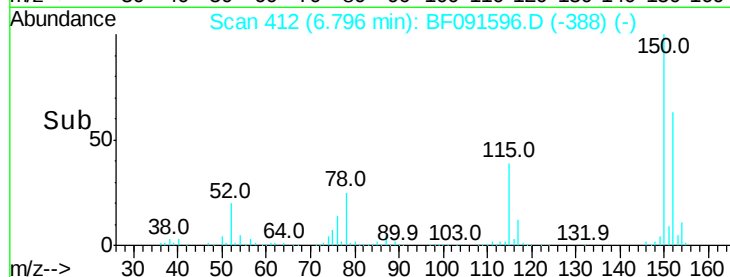
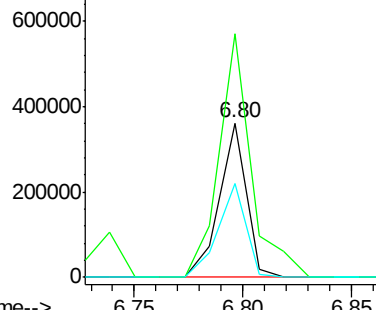
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.5	183.7
115	61.0	51.8	77.8

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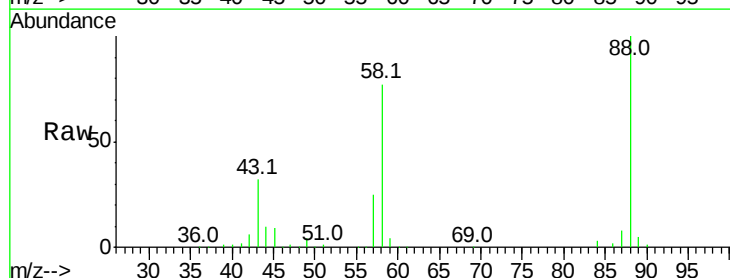


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

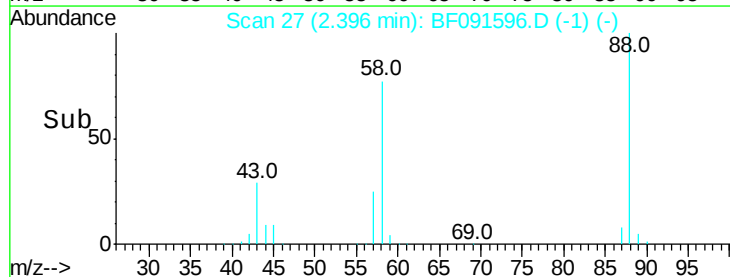
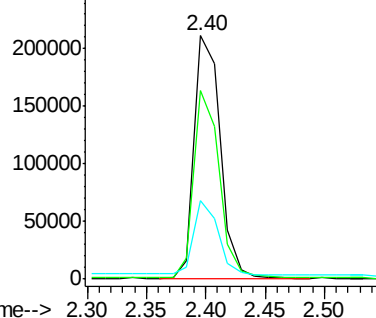


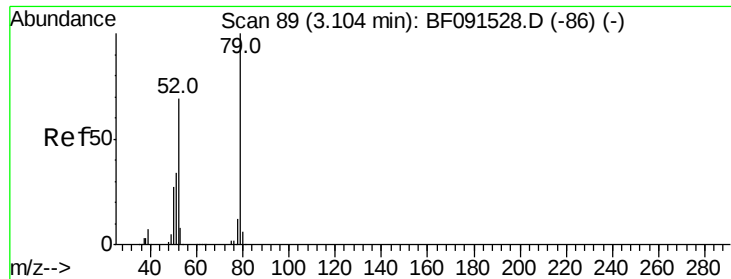
#2
 1,4-Dioxane
 Concen: 32.91 ng
 RT: 2.40 min Scan# 27
 Delta R.T. 0.00 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	70.3	105.5
43	31.9	31.3	46.9



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





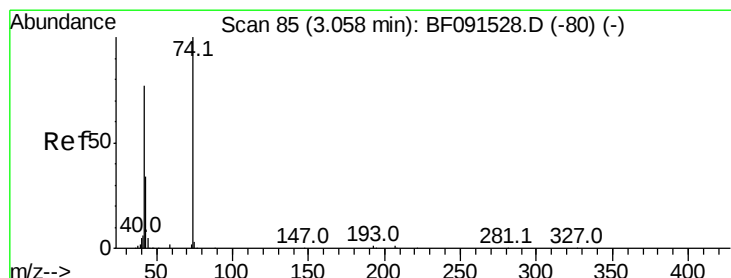
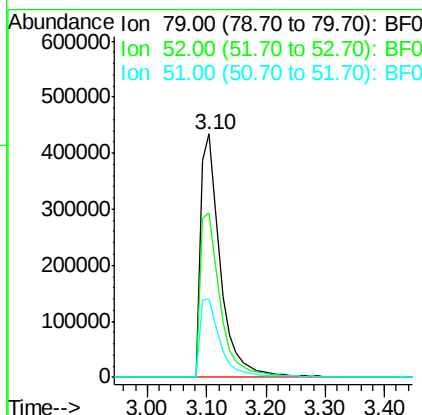
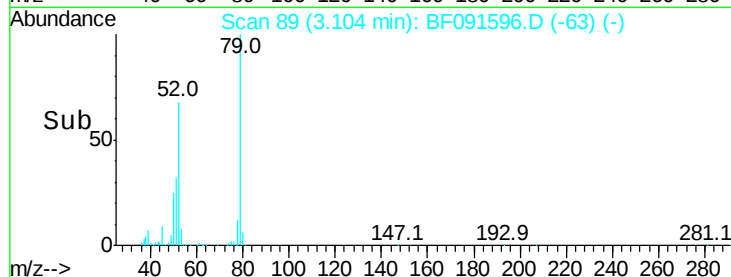
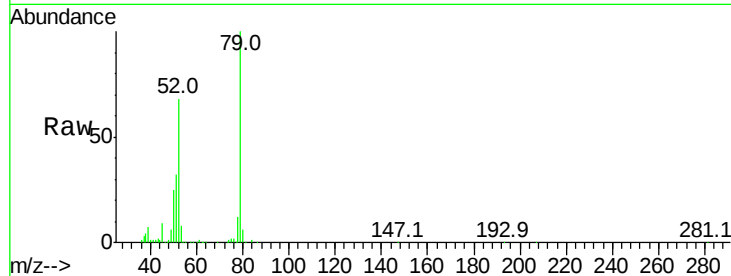
#3
Pvridine
Concen: 39.44 ng
RT: 3.10 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion: 79 Resp: 1022667
Ion Ratio Lower Upper
79 100
52 67.6 71.0 106.4#
51 32.3 37.0 55.4#

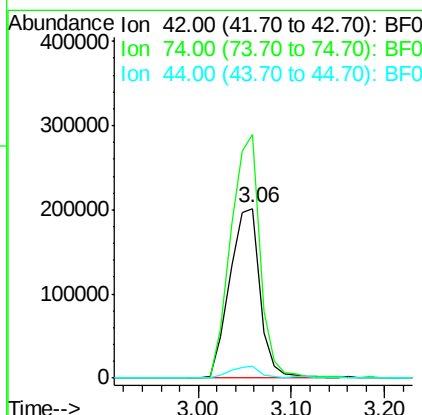
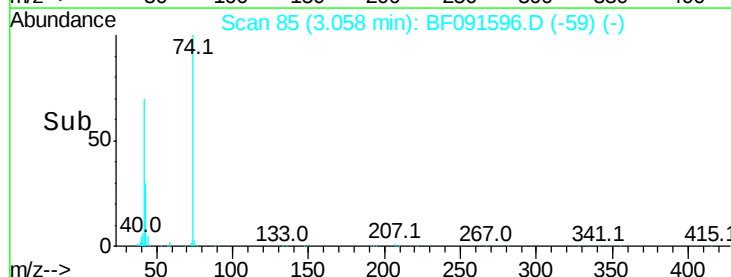
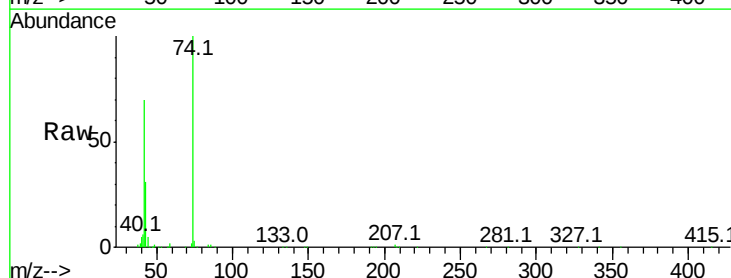
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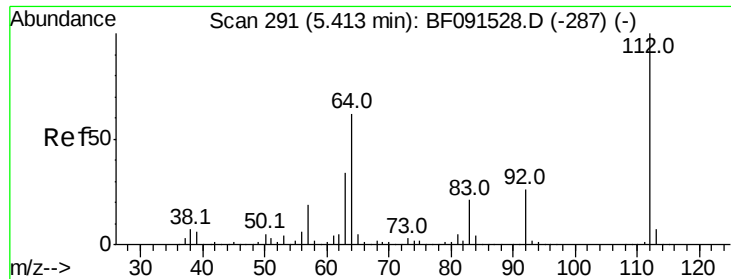
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#4
n-Nitrosodimethylamine
Concen: 40.99 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.00 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion: 42 Resp: 456622
Ion Ratio Lower Upper
42 100
74 143.5 78.9 118.3#
44 7.0 5.8 8.6





#5

2-Fluorophenol

Concen: 107.59 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

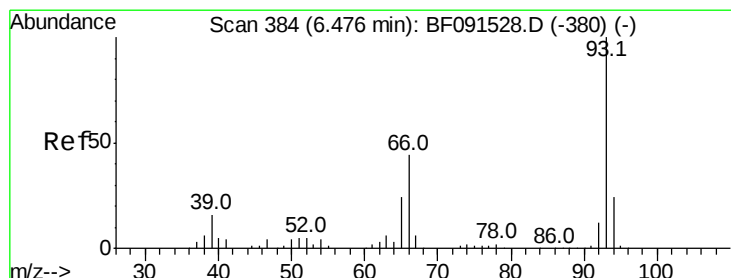
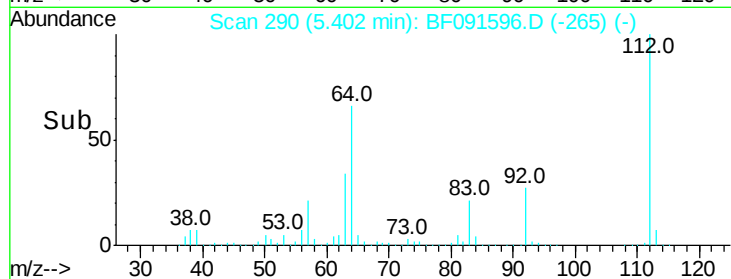
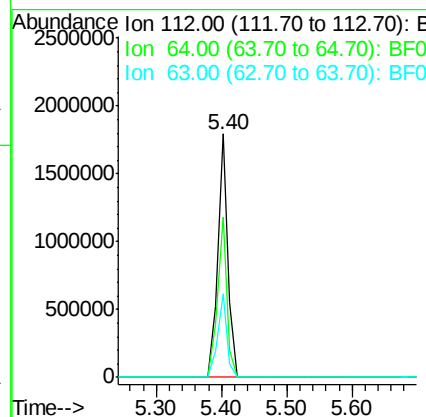
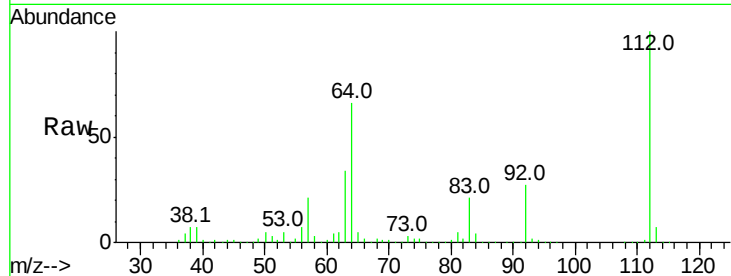
ClientSampleId :

WC-8-0-5MSD

Tot Ion:	112	Resp:	1983874
Ion Ratio	Lower	Upper	
112	100		
64	65.8	61.5	92.3
63	34.2	33.3	49.9

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#6

Aniline

Concen: 18.01 ng

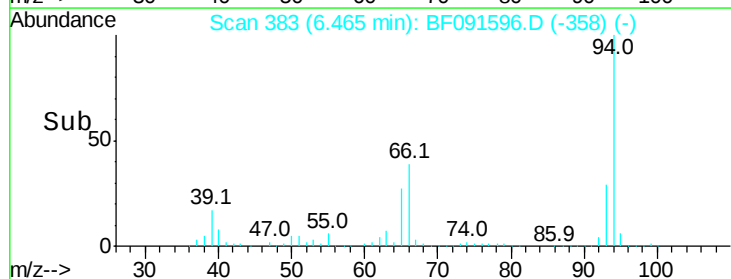
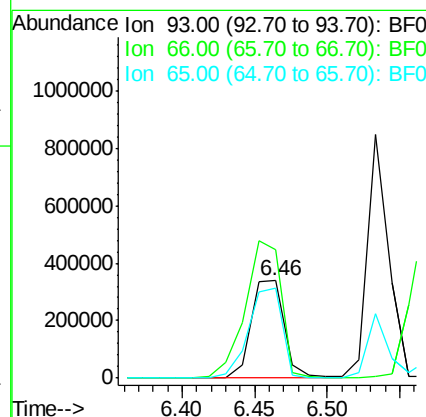
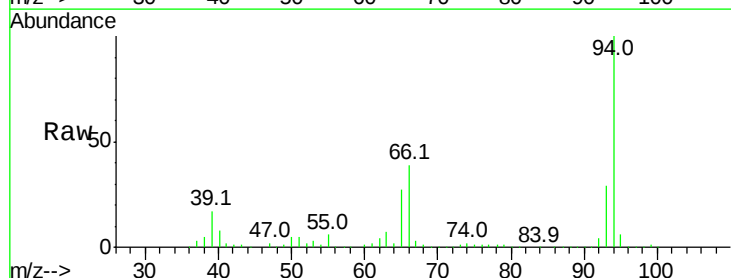
RT: 6.46 min Scan# 383

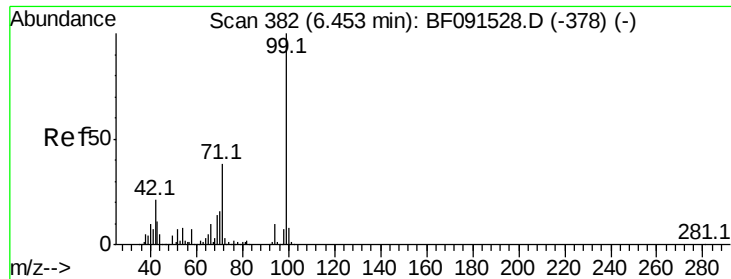
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	93	Resp:	542864
Ion Ratio	Lower	Upper	
93	100		
66	132.4	55.8	83.6#
65	92.0	29.9	44.9#





#7

Phenol-d6

Concen: 126.89 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion: 99 Resp: 2916889

Ion Ratio Lower Upper

99 100

42 20.4 20.6 31.0#

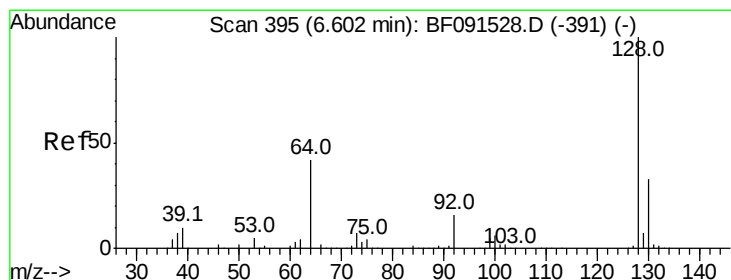
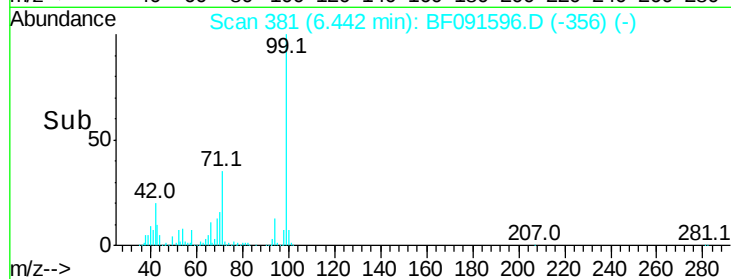
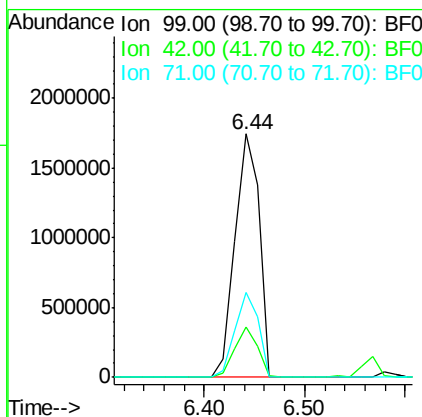
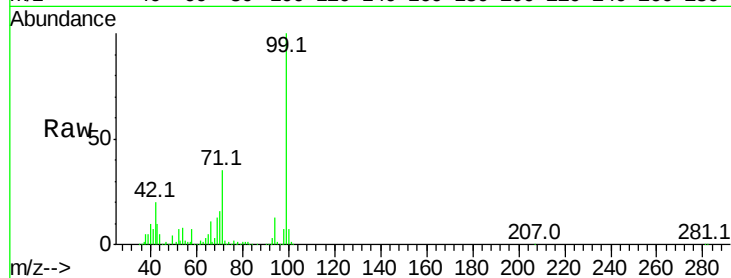
71 34.8 29.9 44.9

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#8

2-Chlorophenol

Concen: 40.64 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

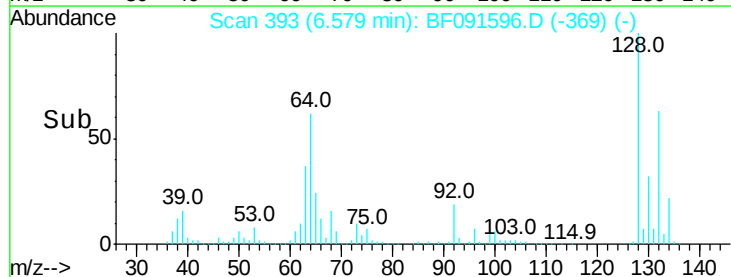
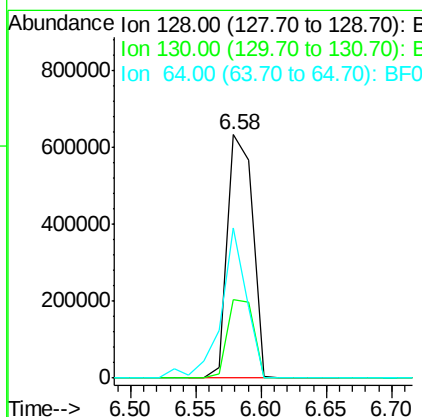
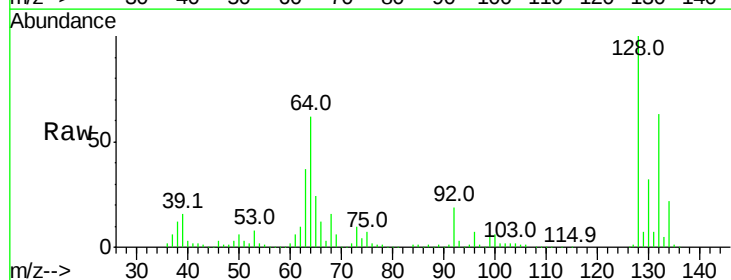
Tgt Ion: 128 Resp: 845919

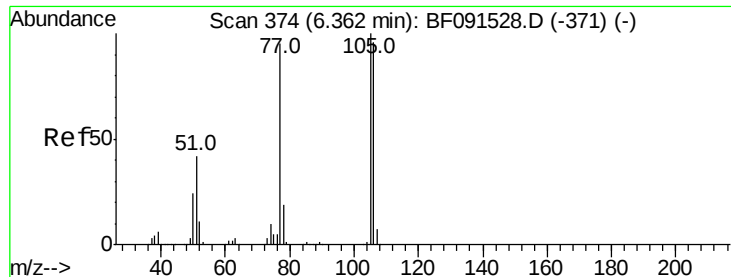
Ion Ratio Lower Upper

128 100

130 32.4 13.1 53.1

64 61.8 24.1 64.1





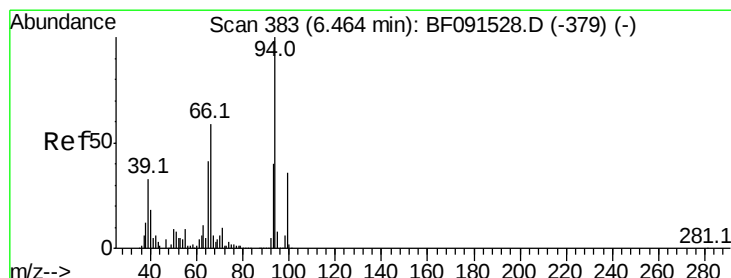
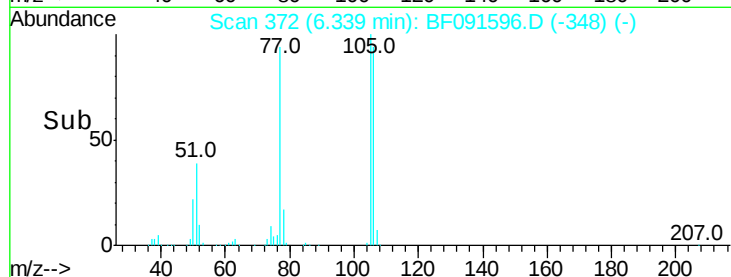
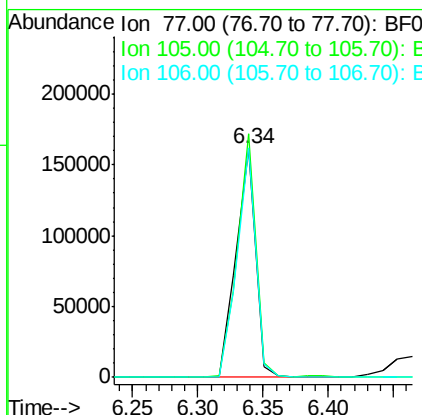
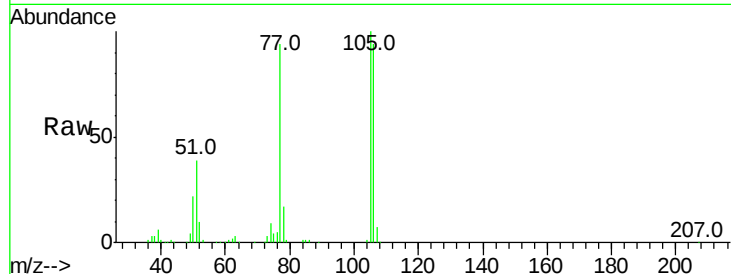
#9
Benzaldehyde
Concen: 10.61 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.4	66.4	106.4
106	100.3	60.9	100.9

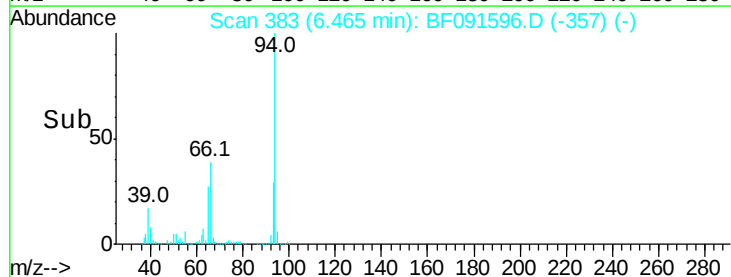
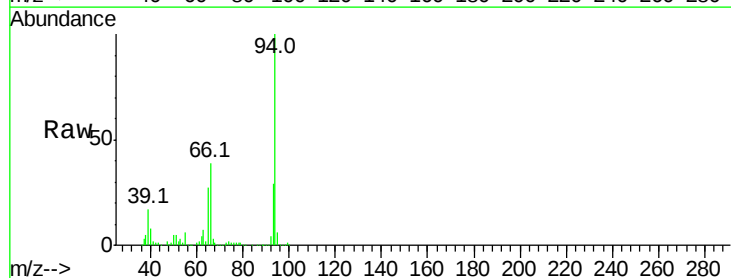
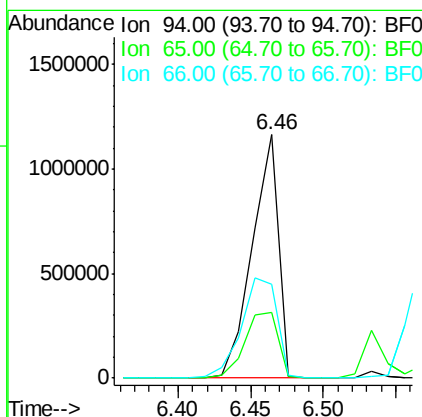
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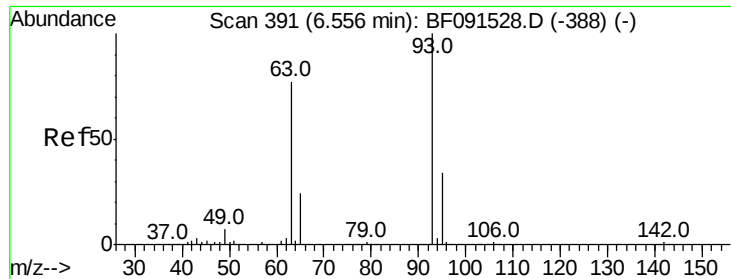
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#10
Phenol
Concen: 54.44 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	16.9	56.9
66	38.6	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 41.76 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion: 93 Resp: 843088

Ion Ratio Lower Upper

93 100

63 82.8 74.8 114.8

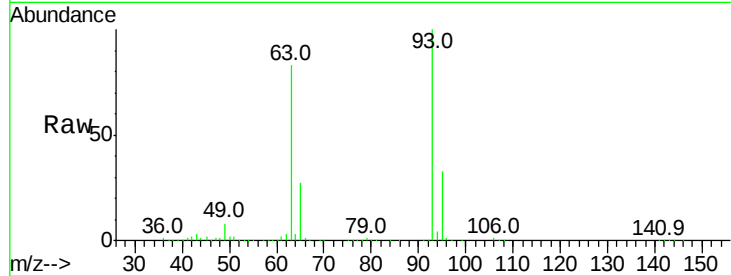
95 32.5 12.4 52.4

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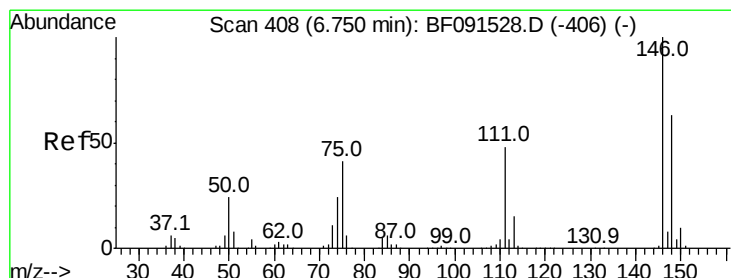
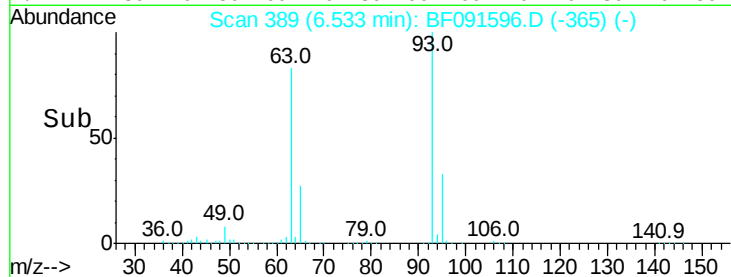
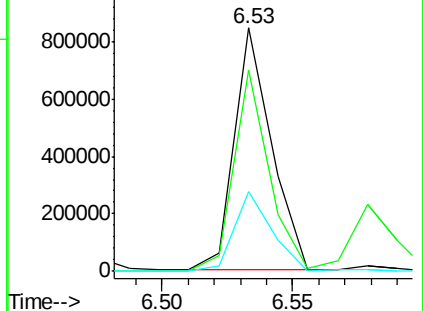
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Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.70 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

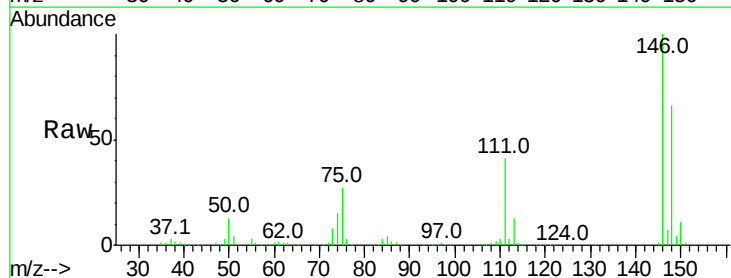
Tgt Ion: 146 Resp: 941253

Ion Ratio Lower Upper

146 100

148 66.1 51.4 77.0

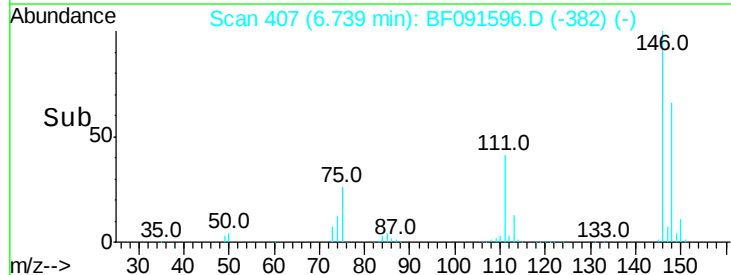
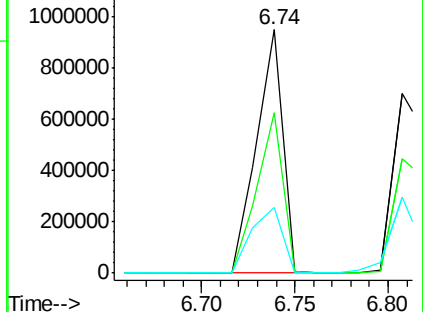
75 26.8 23.6 35.4

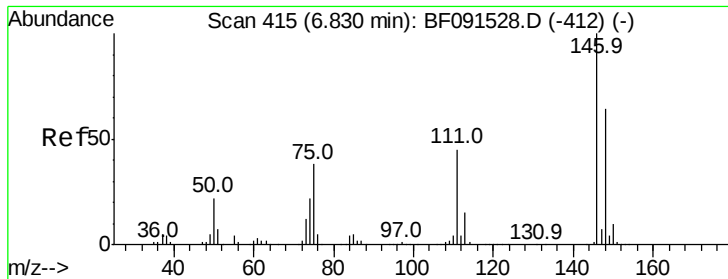


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





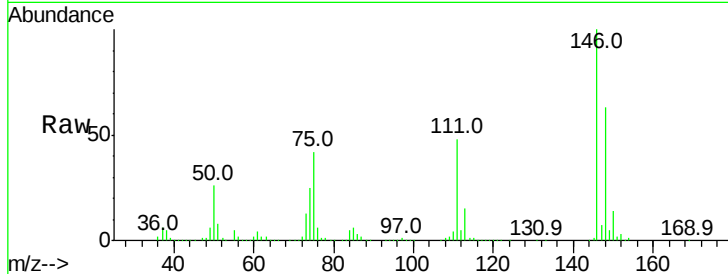
#13
 1,4-Dichlorobenzene
 Concen: 39.64 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
111	47.8	32.2	48.2

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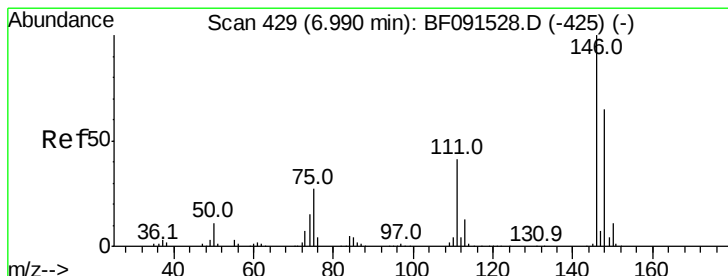
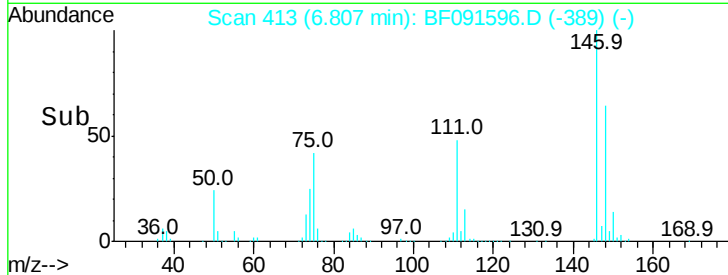
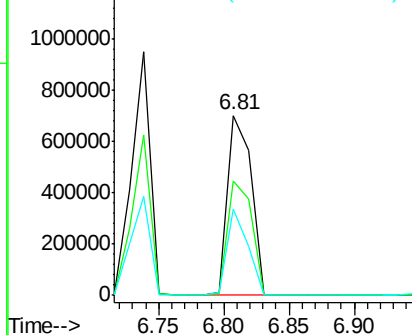


Abundance

Ion 146.00 (145.70 to 146.70): E

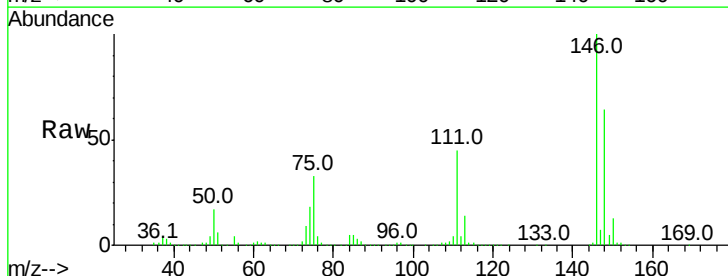
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 42.80 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
111	44.7	38.9	58.3

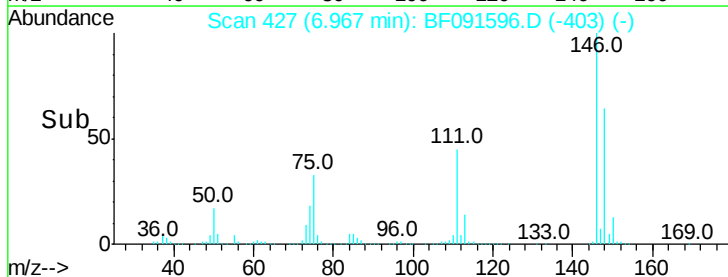
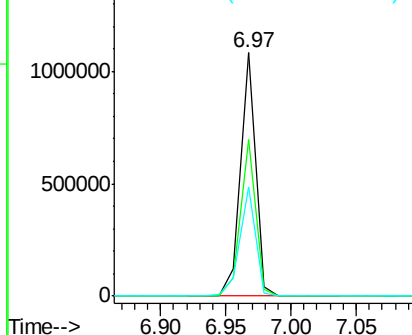


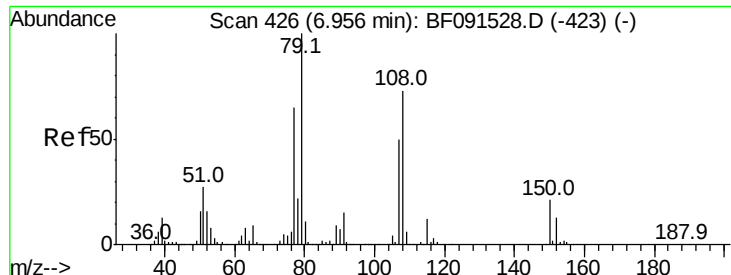
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.36 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

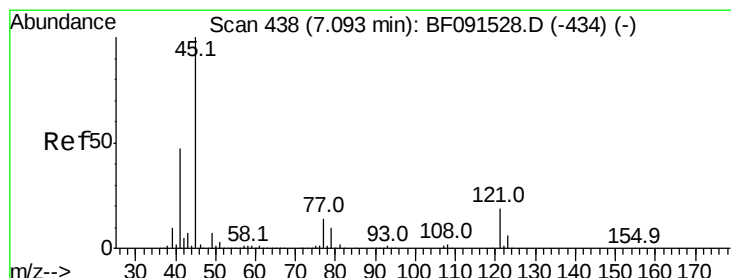
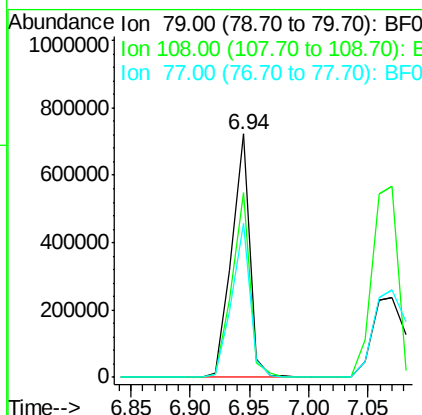
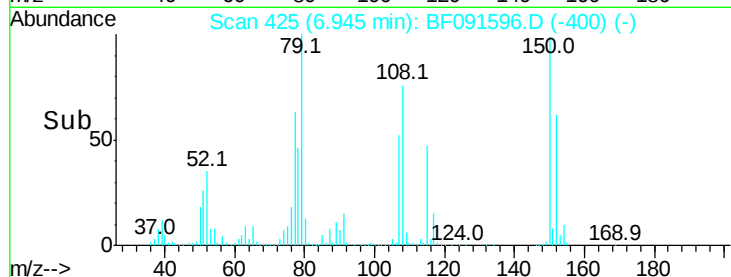
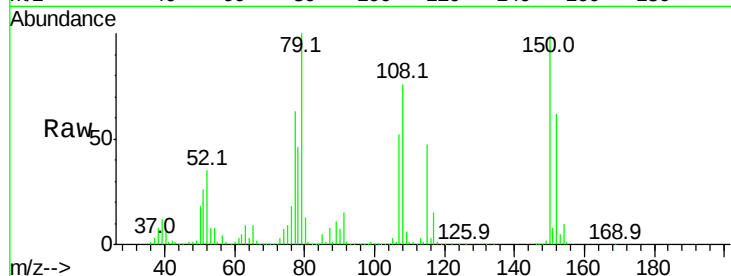
ClientSampleId :

WC-8-0-5MSD

Tot Ion:	79	Resp:	768743
Ion Ratio	Lower	Upper	
79	100		
108	75.9	62.7	94.1
77	63.3	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.67 ng

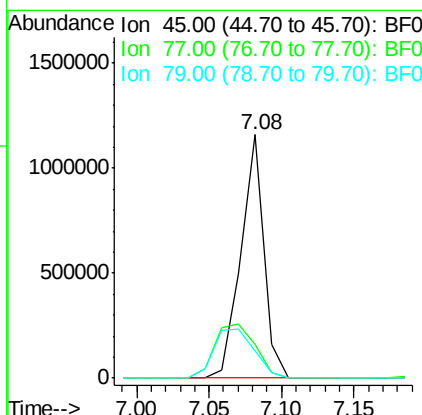
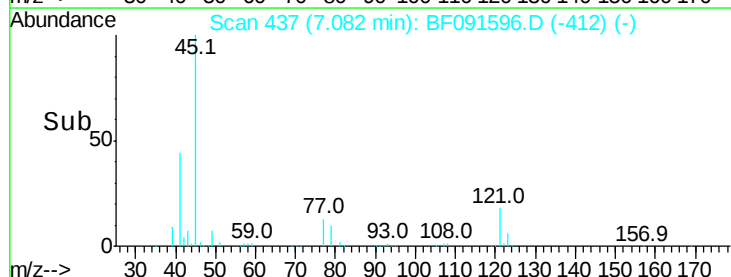
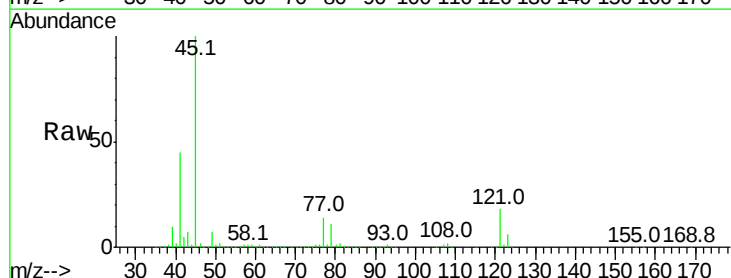
RT: 7.08 min Scan# 437

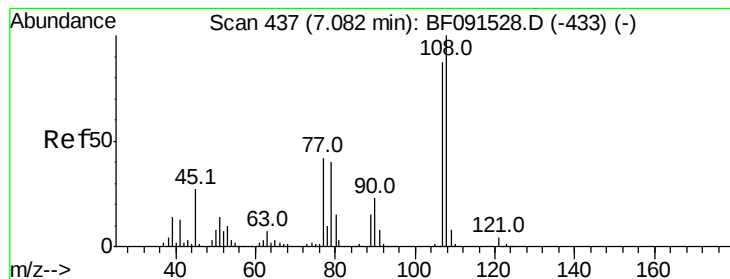
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	45	Resp:	1272416
Ion Ratio	Lower	Upper	
45	100		
77	14.1	3.8	43.8
79	11.0	0.2	40.2





#17

2-Methylphenol

Concen: 43.02 ng/ml

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion:107 Resp: 740805

Ion Ratio Lower Upper

107 100

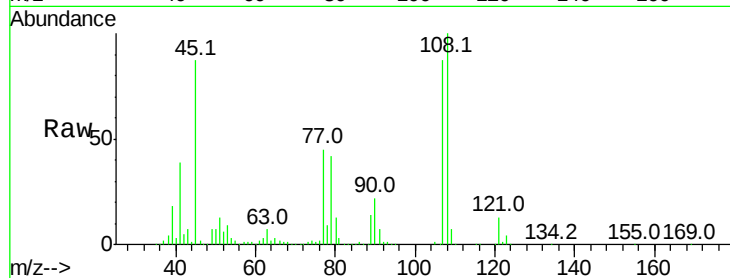
108 115.3 67.7 101.5#

77 52.3 40.7 61.1

79 48.0 23.4 35.2#

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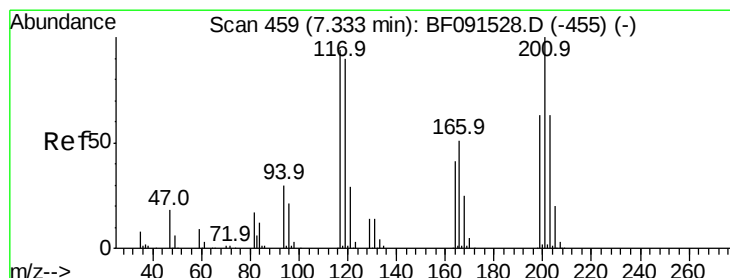
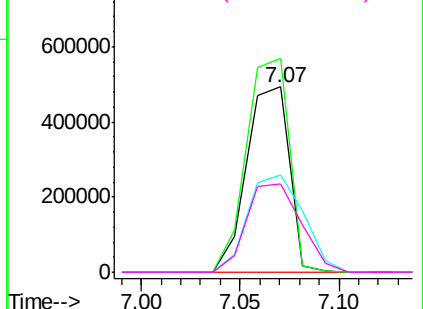
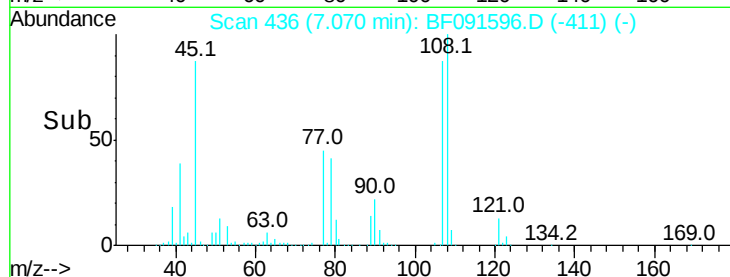


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.03 ng/ml

RT: 7.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

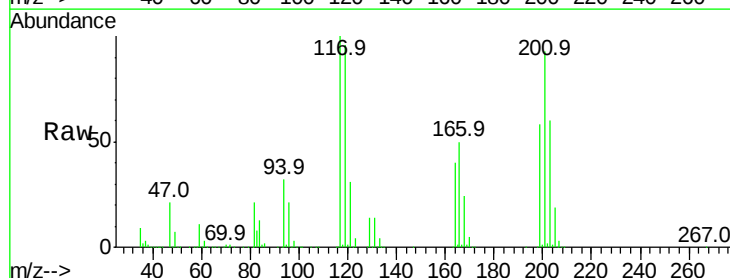
Tgt Ion:117 Resp: 347819

Ion Ratio Lower Upper

117 100

119 96.3 78.6 118.0

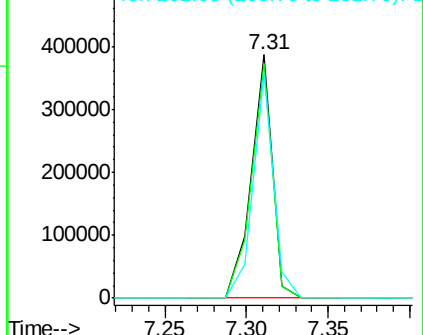
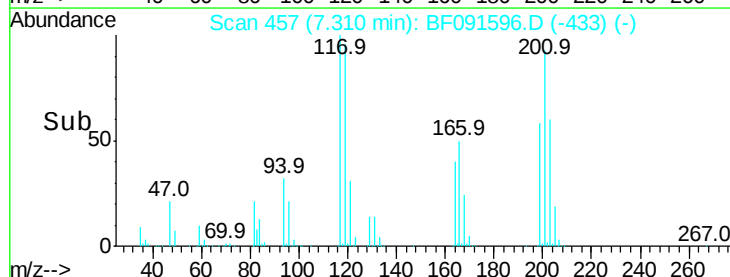
201 92.9 86.7 130.1

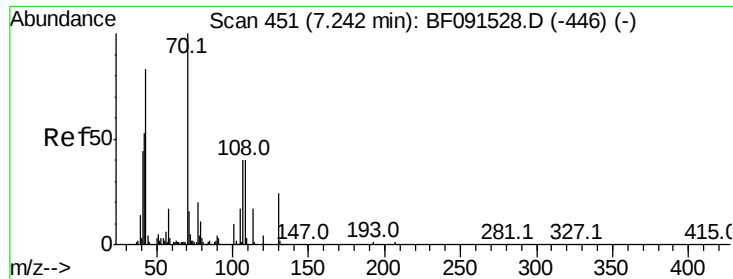


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.21 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

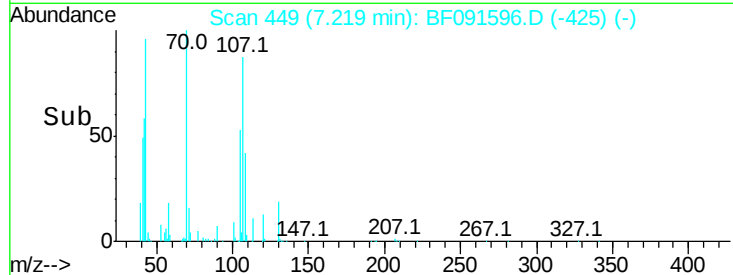
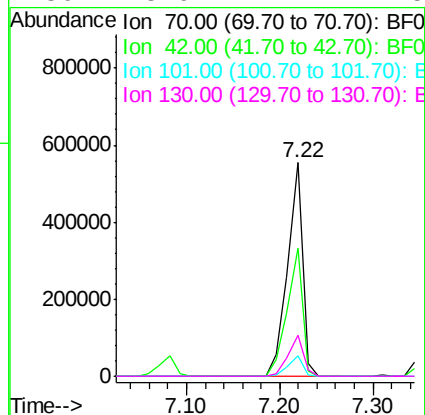
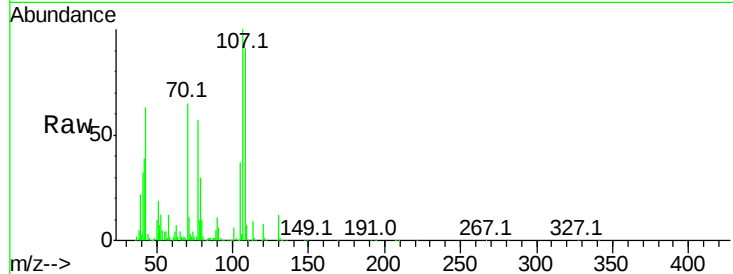
ClientSampleId :

WC-8-0-5MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	64.8	97.2#	
101	9.5	6.2	9.4#	
130	18.9	11.7	17.5#	

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#20

3+4-Methylphenols

Concen: 47.19 ng

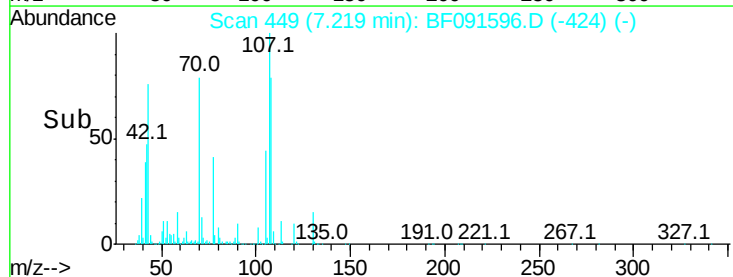
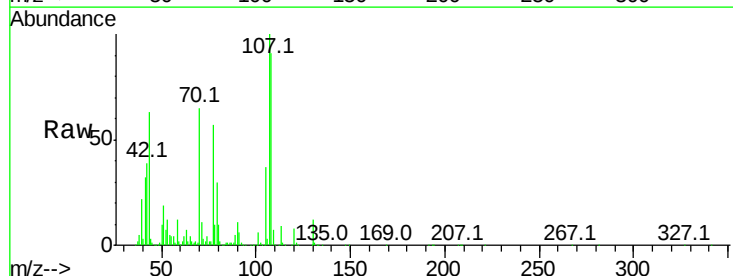
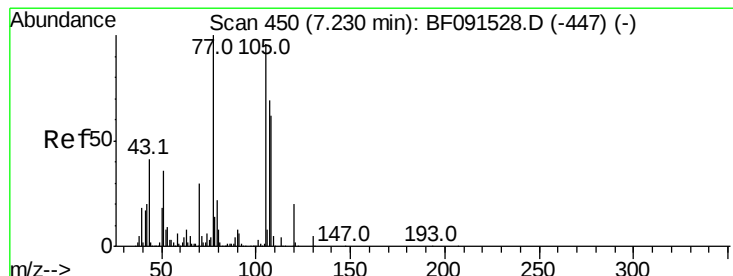
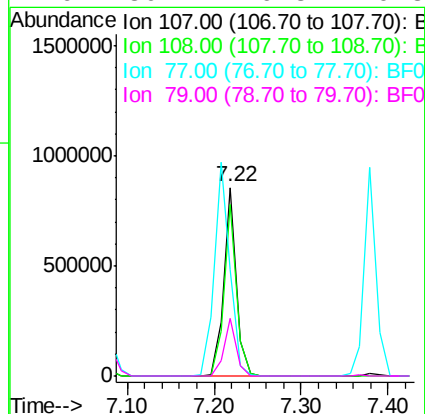
RT: 7.22 min Scan# 449

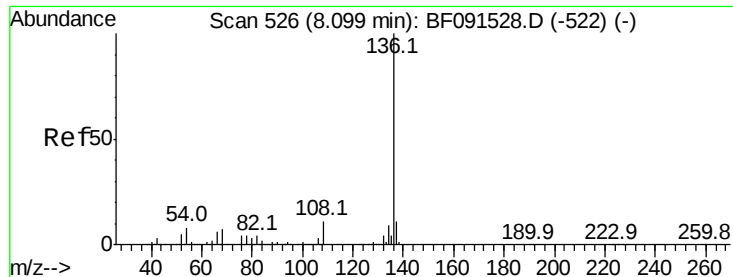
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	64.6	104.6	
77	56.6	30.9	70.9	
79	30.4	9.3	49.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

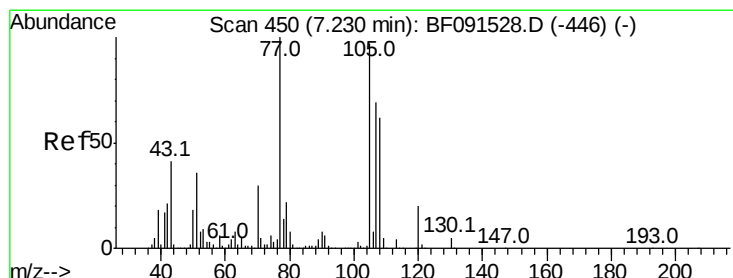
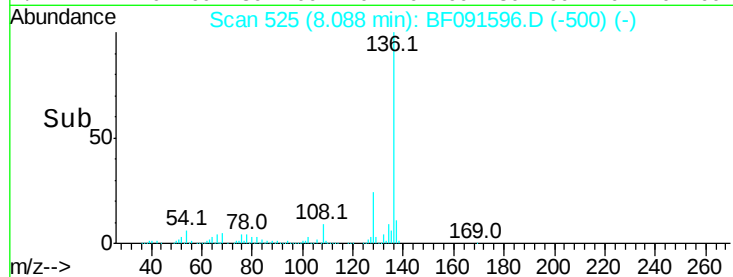
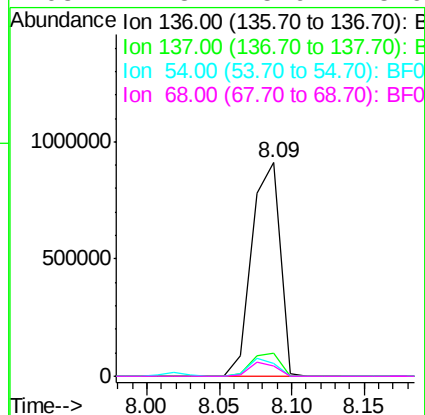
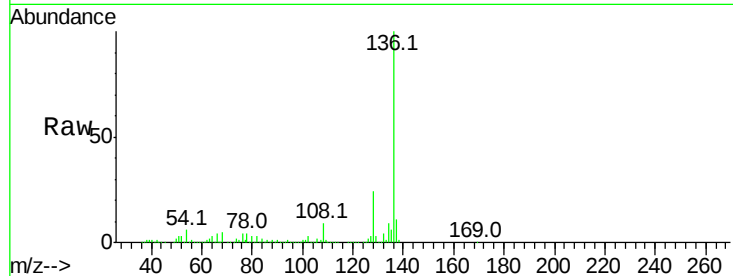
ClientSampleId :

WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.8	9.1	13.7#
68	4.8	5.9	8.9#

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#22

Acetophenone

Concen: 41.10 ng

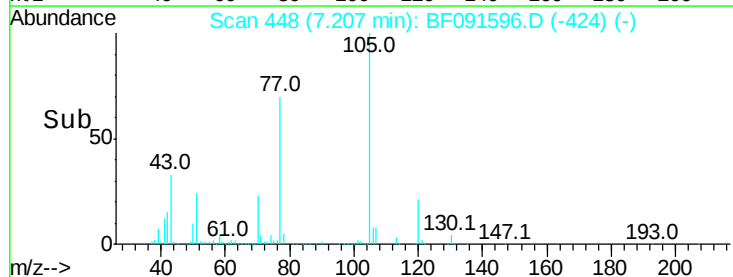
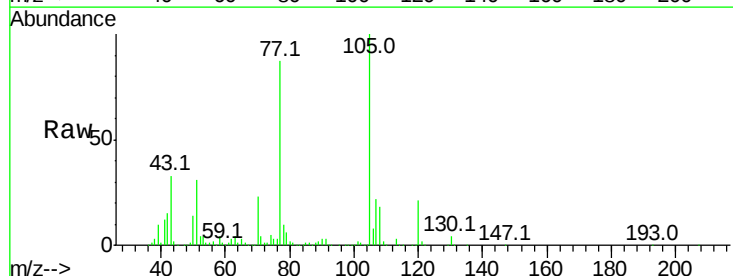
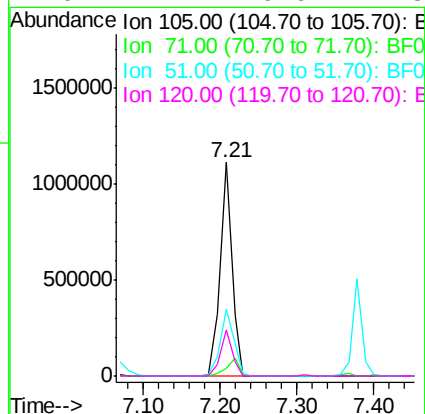
RT: 7.21 min Scan# 448

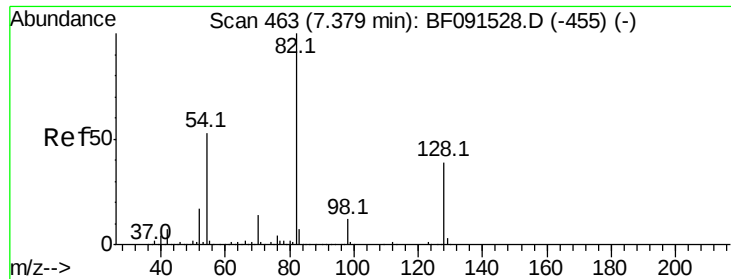
Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.7	7.9	11.9#
51	31.1	24.5	36.7
120	21.4	16.6	24.8





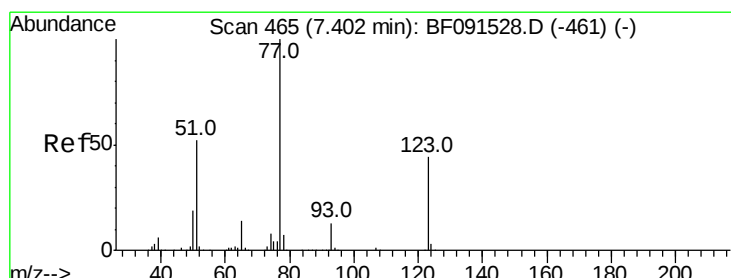
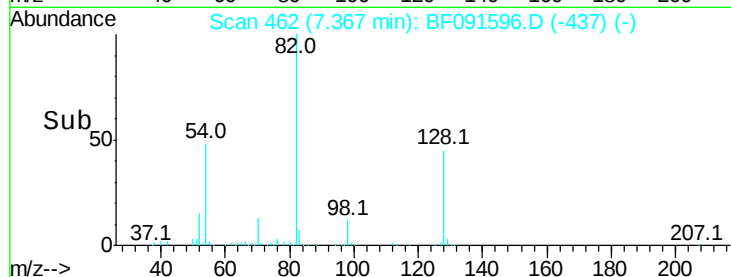
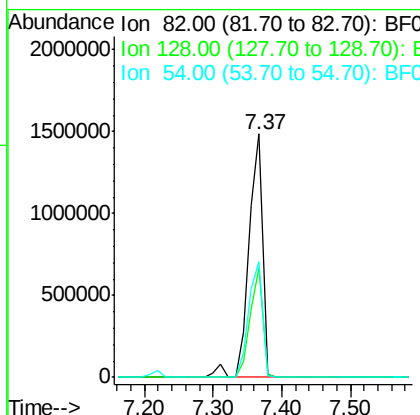
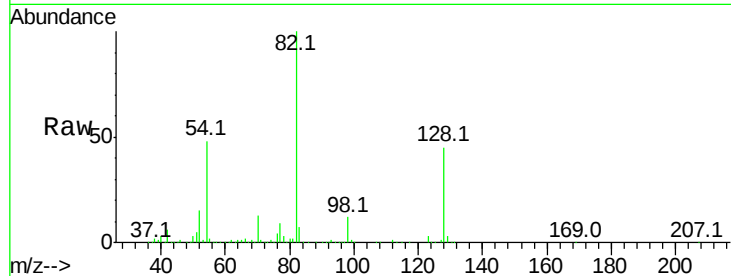
#23
 Nitrobenzene-d5
 Concen: 92.16 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion: 82 Resp: 2024793
 Ion Ratio Lower Upper
 82 100
 128 45.1 31.8 47.6
 54 47.7 49.1 73.7#

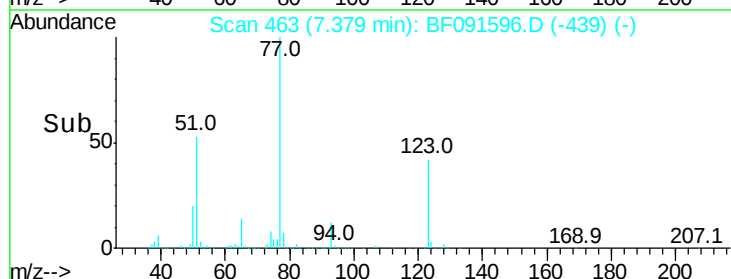
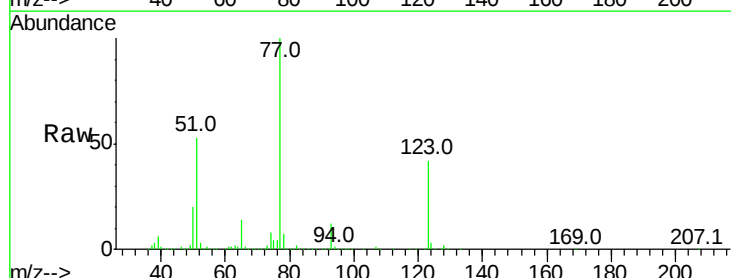
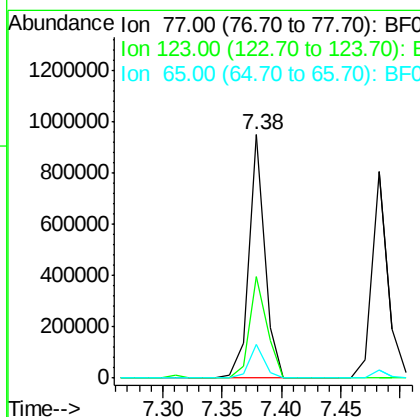
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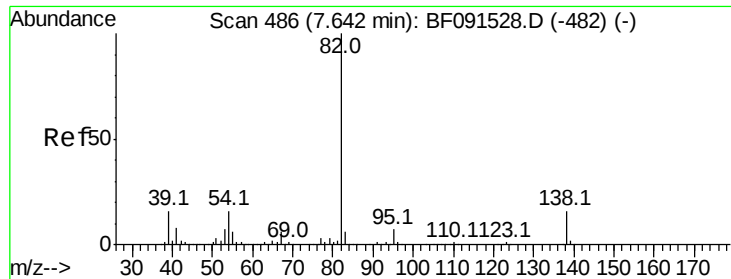
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#24
 Nitrobenzene
 Concen: 38.16 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion: 77 Resp: 885829
 Ion Ratio Lower Upper
 77 100
 123 41.8 28.5 42.7
 65 13.9 12.5 18.7





#25

Isophorone

Concen: 45.81 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion: 82 Resp: 1789378

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

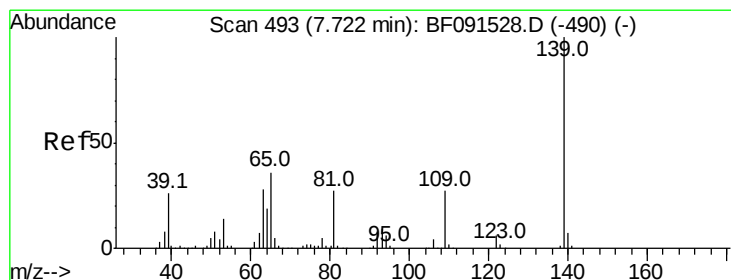
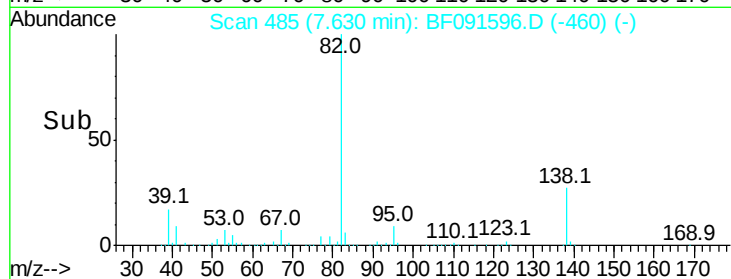
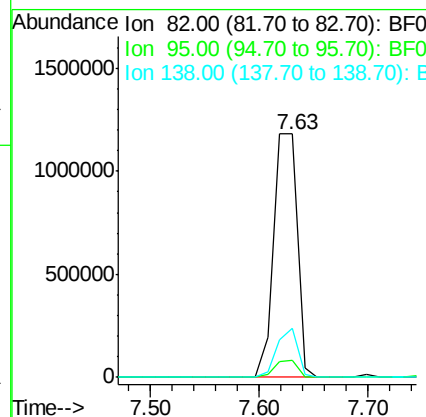
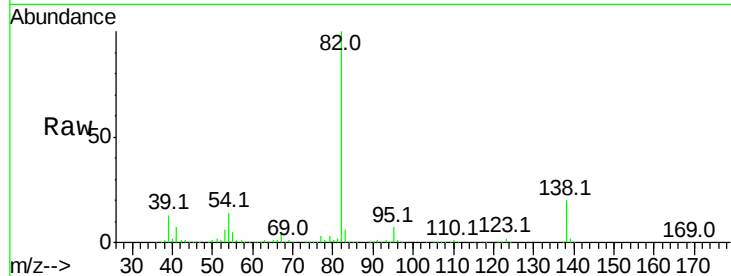
138 20.3 13.4 20.0#

Manual Integrations

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#26

2-Nitrophenol

Concen: 47.06 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

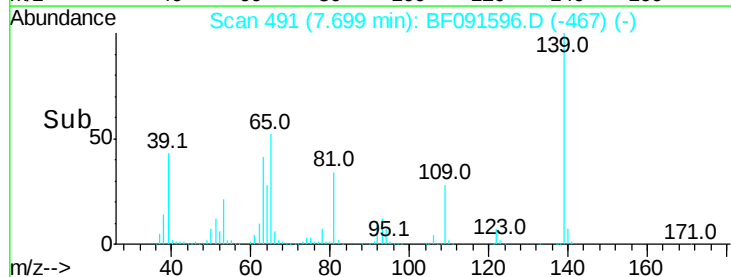
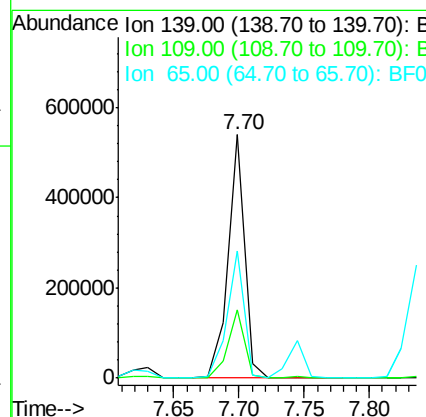
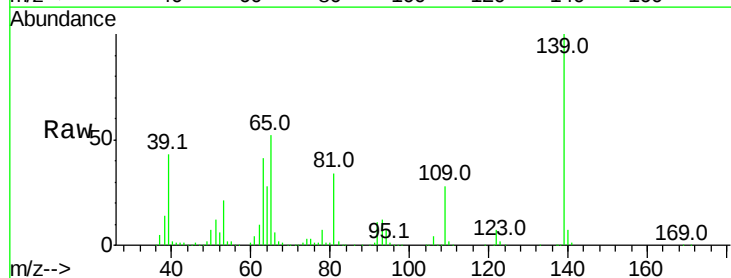
Tgt Ion: 139 Resp: 482096

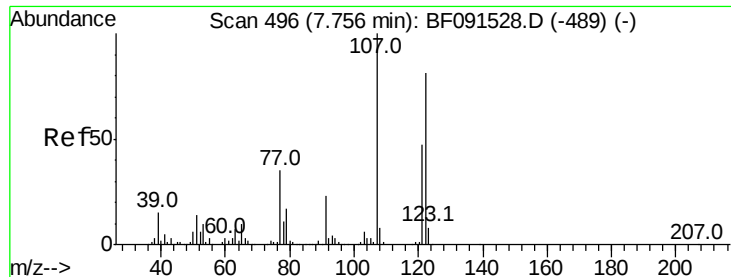
Ion Ratio Lower Upper

139 100

109 28.1 25.3 37.9

65 52.1 55.4 83.2#





#27

2,4-Dimethylphenol

Concen: 43.32 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

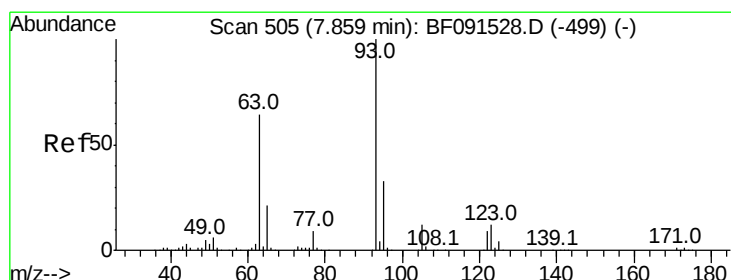
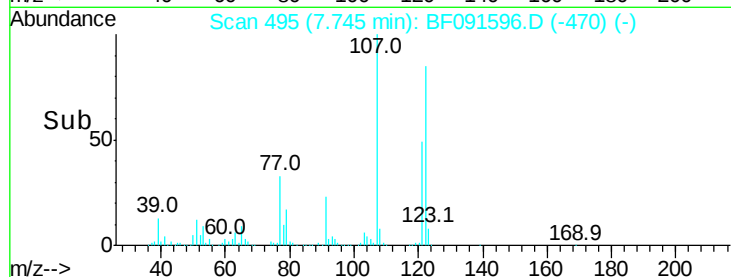
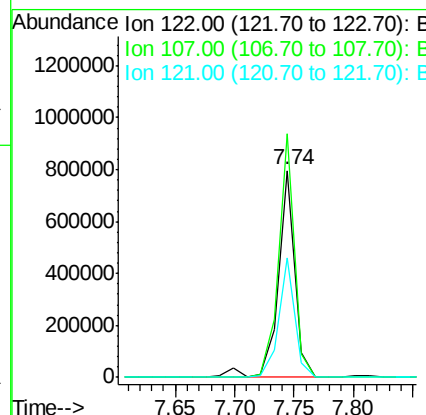
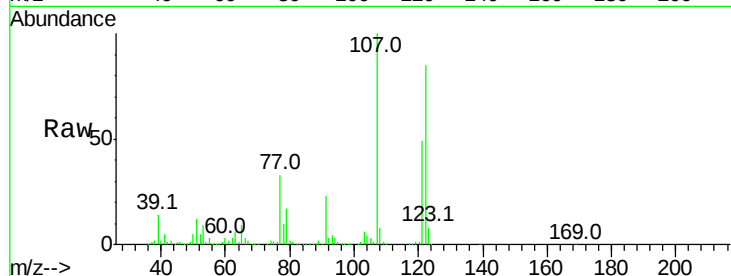
ClientSampleId :

WC-8-0-5MSD

Tot Ion:	122	Resp:	779581
Ion Ratio	Lower	Upper	
122	100		
107	117.9	96.8	145.2
121	57.8	47.7	71.5

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#28

bis(2-Chloroethoxy)methane

Concen: 46.79 ng

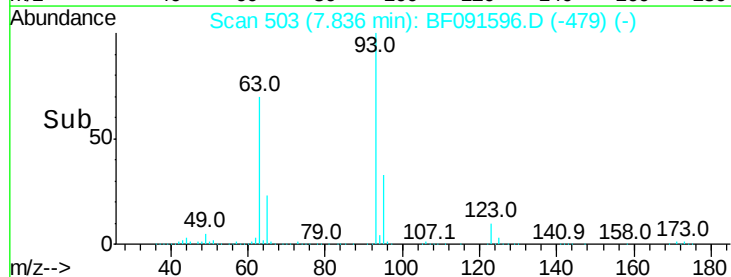
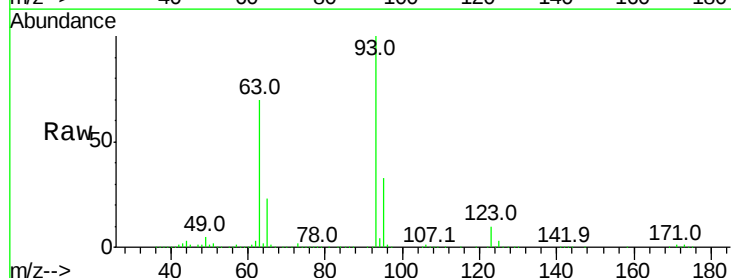
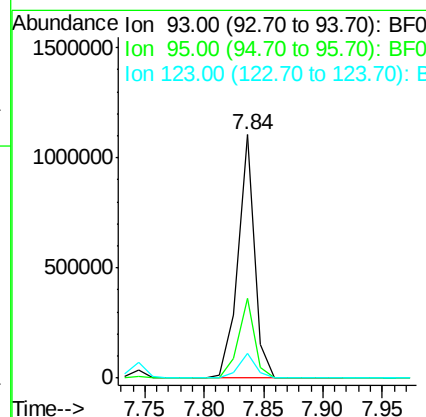
RT: 7.84 min Scan# 503

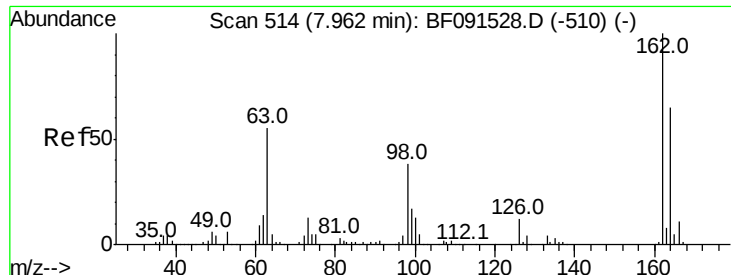
Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	93	Resp:	1072015
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	10.3	8.6	12.8





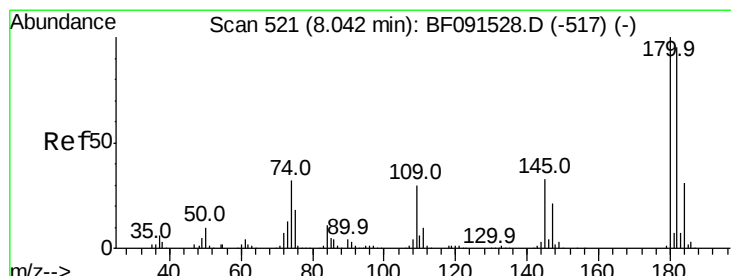
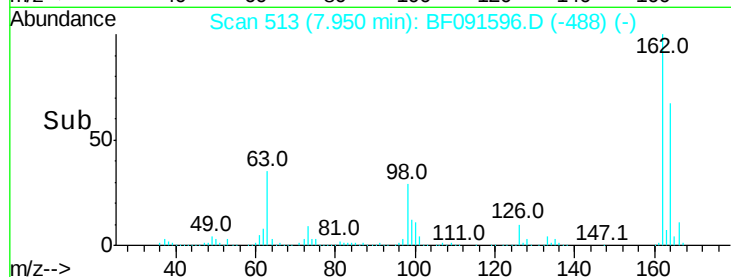
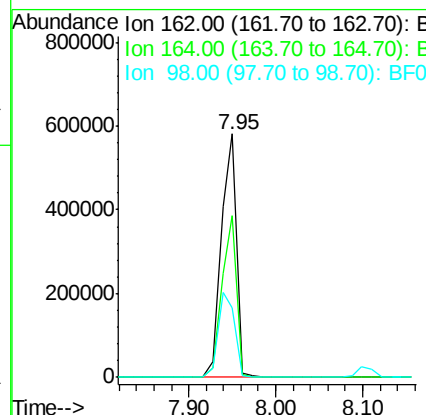
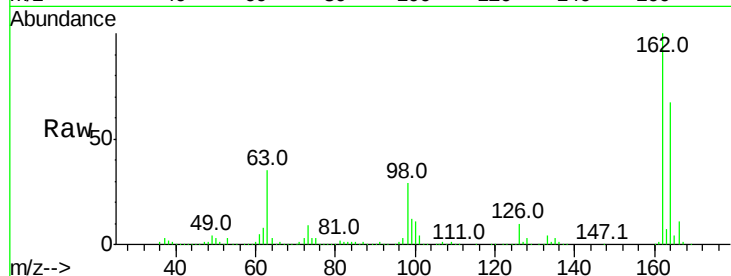
#29
 2,4-Dichlorophenol
 Concen: 45.69 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	715404		
164	66.5	45.0	85.0	
98	28.6	21.3	61.3	

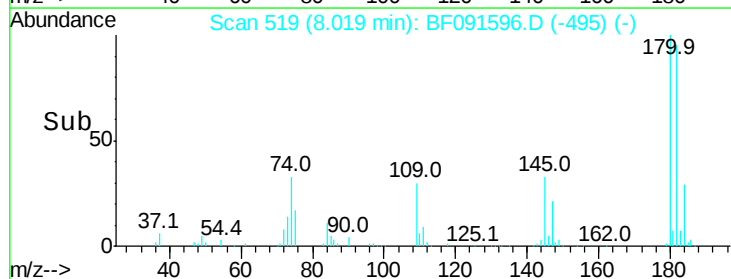
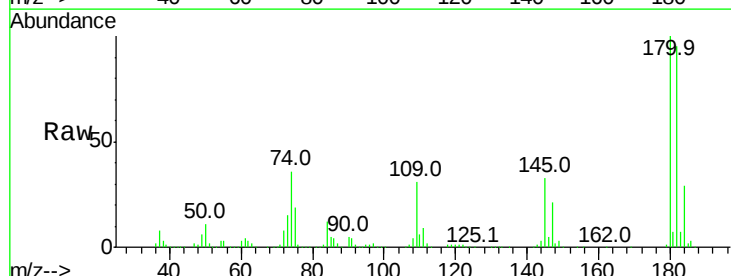
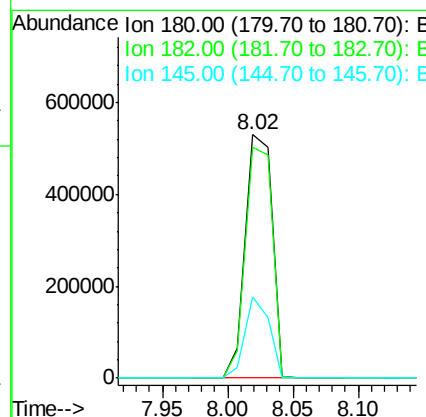
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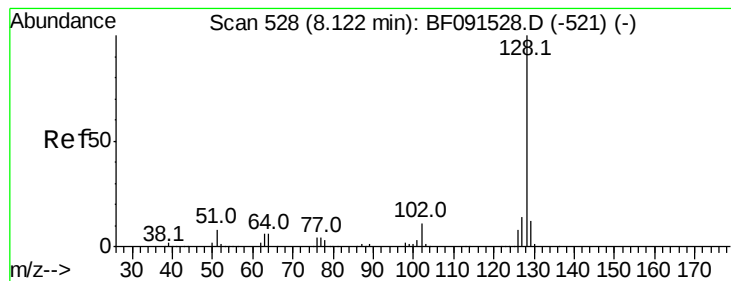
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.52 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	756660		
182	94.6	75.8	113.8	
145	33.5	27.0	40.4	





#31

Naphthalene

Concen: 42.72 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion:128 Resp: 2437601

Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

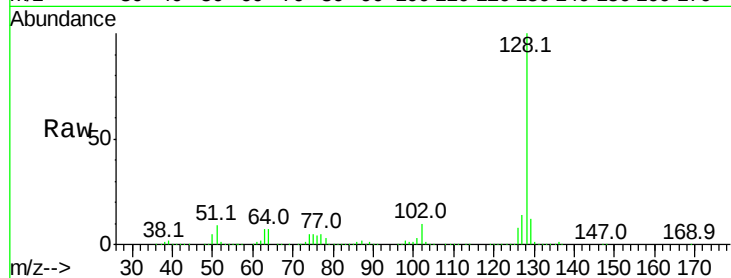
127 13.6 11.0 16.4

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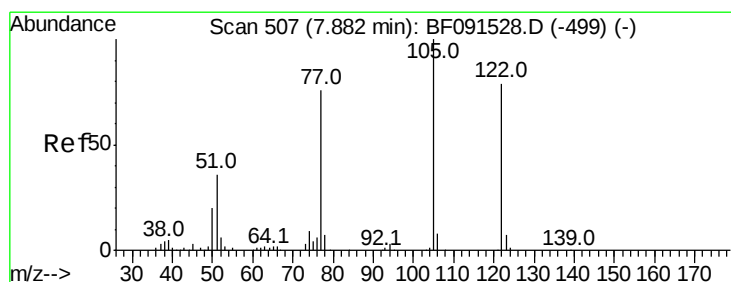
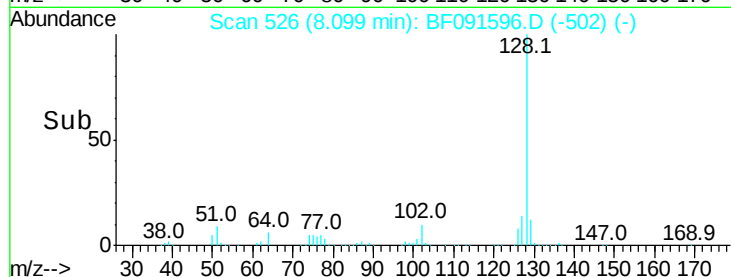
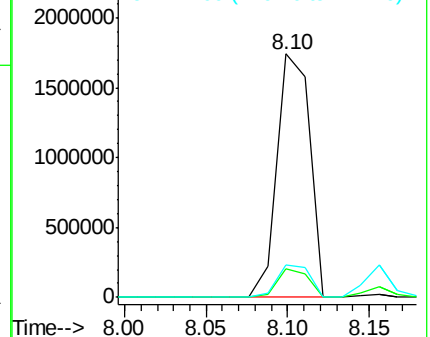
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 5.06 ng m

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

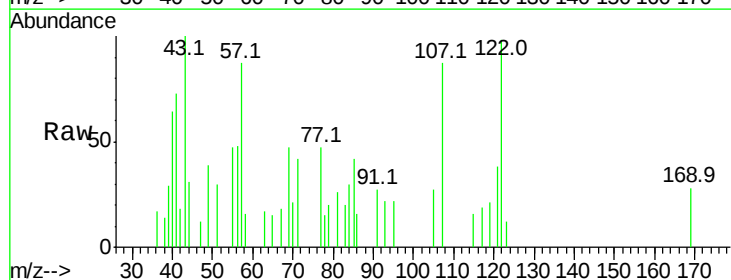
Tgt Ion:122 Resp: 2365

Ion Ratio Lower Upper

122 100

105 27.6 113.0 153.0#

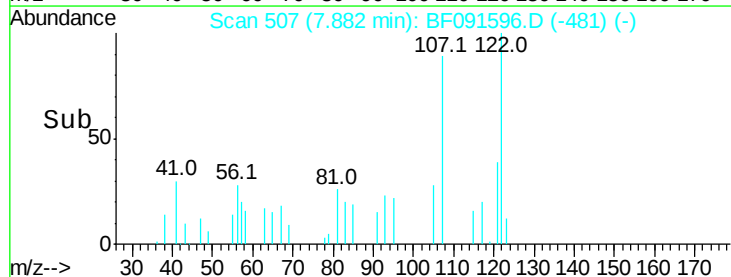
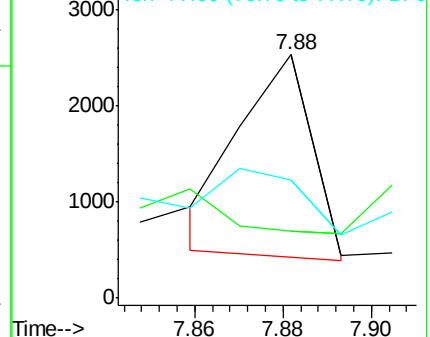
77 48.5 82.0 122.0#

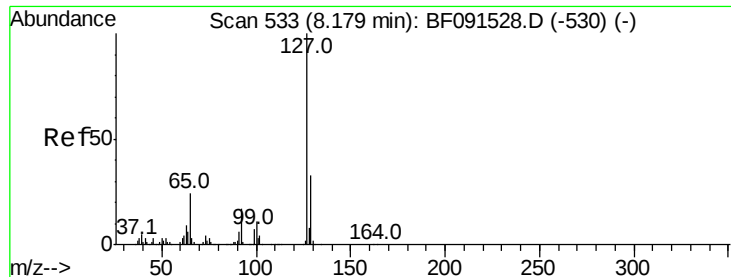


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





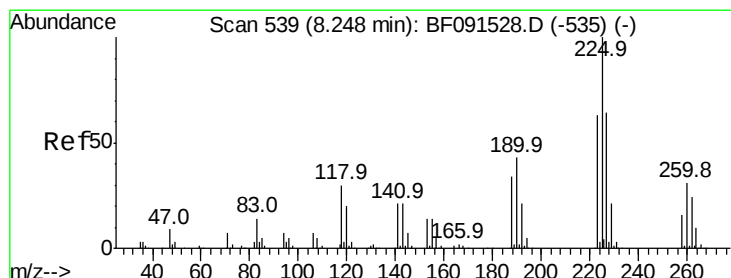
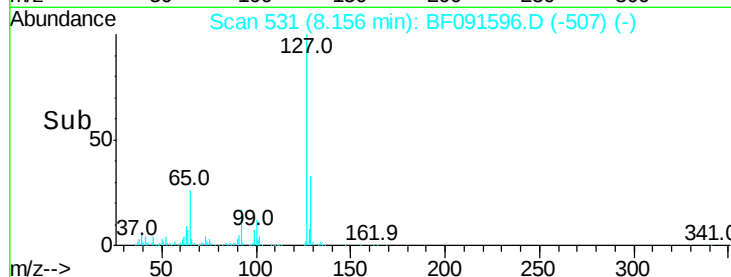
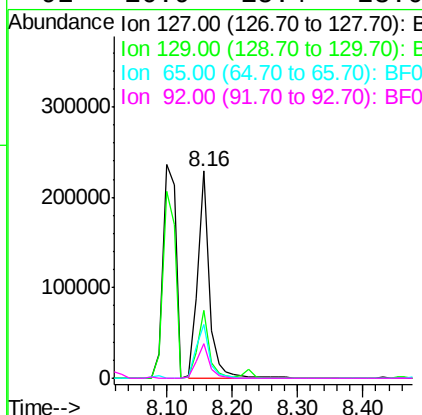
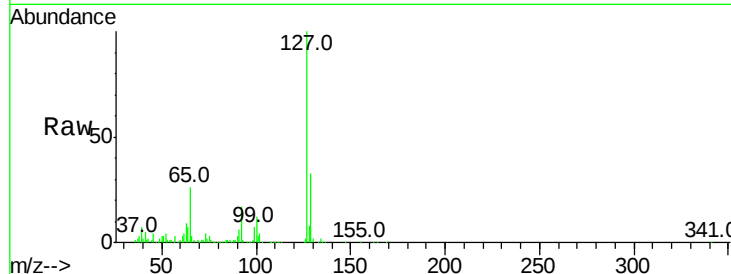
#33
4-Chloroaniline
Concen: 11.36 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	26.2	39.4	
65	25.8	26.6	39.8	
92	16.9	15.4	23.0	

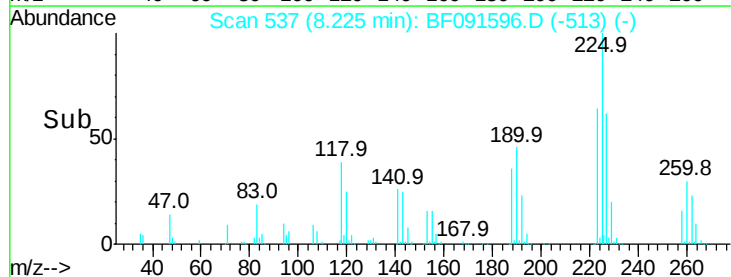
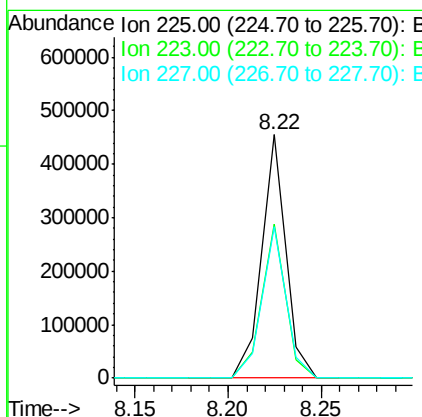
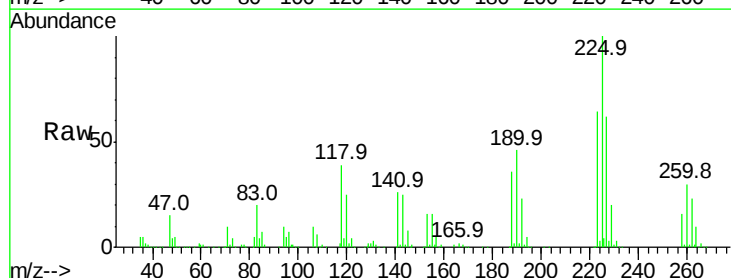
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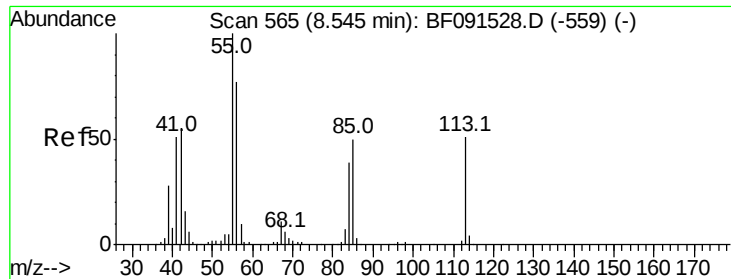
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#34
Hexachlorobutadiene
Concen: 39.56 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	49.8	74.6	
227	62.5	52.6	79.0	





#35

Caprolactam

Concen: 54.17 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

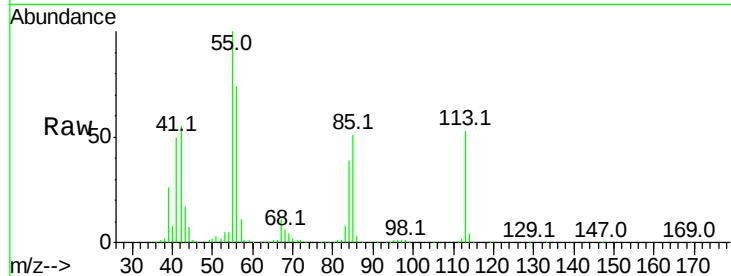
ClientSampled :

WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	190.4	239.8	279.8#
56	141.1	165.6	205.6#

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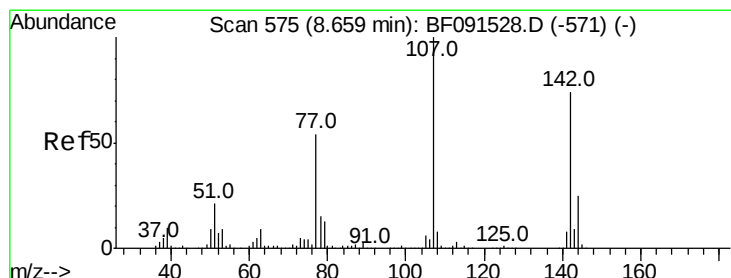
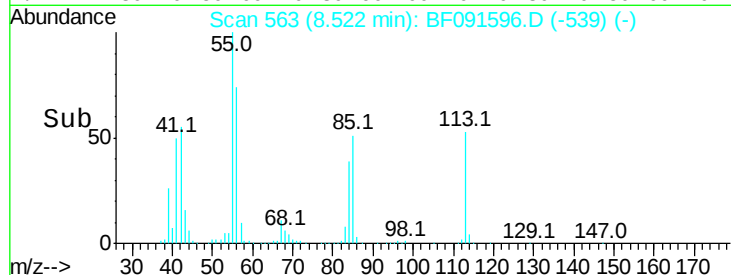
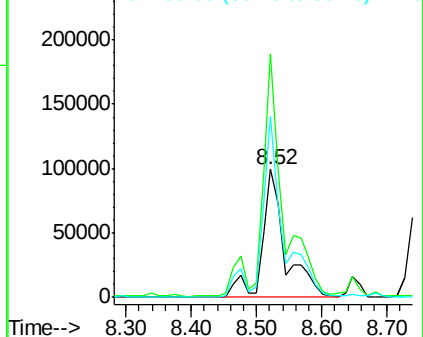
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.29 ng

RT: 8.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF091596.D

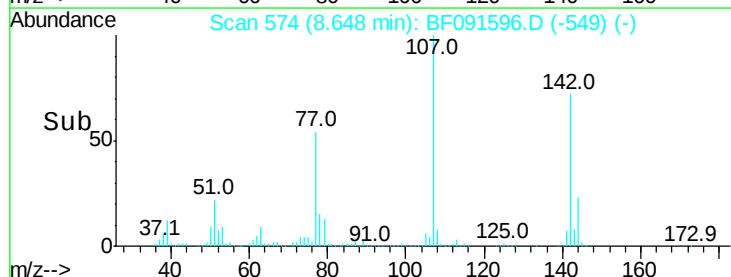
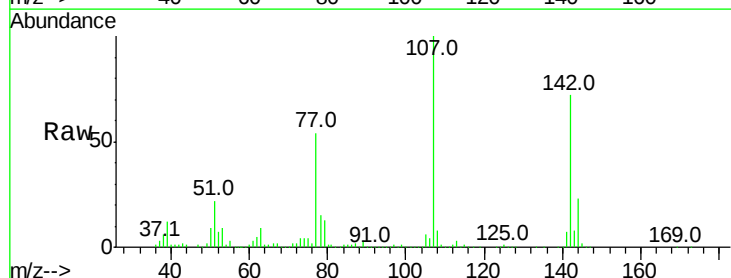
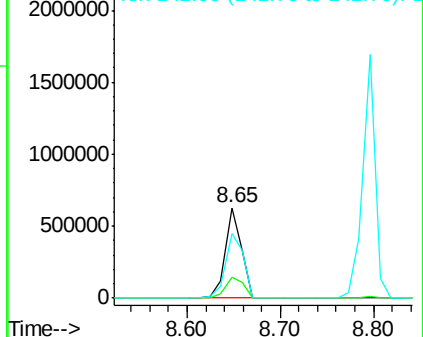
Acq: 14 Dec 2016 20:46

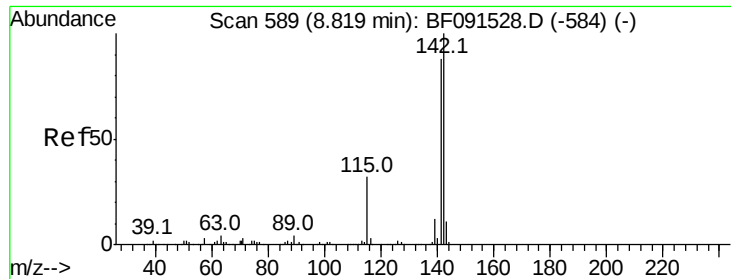
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.9	28.3
142	71.9	58.5	87.7

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





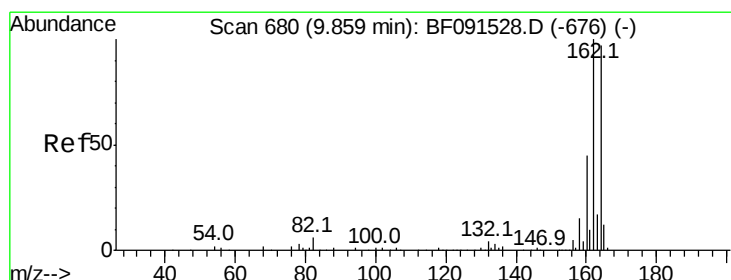
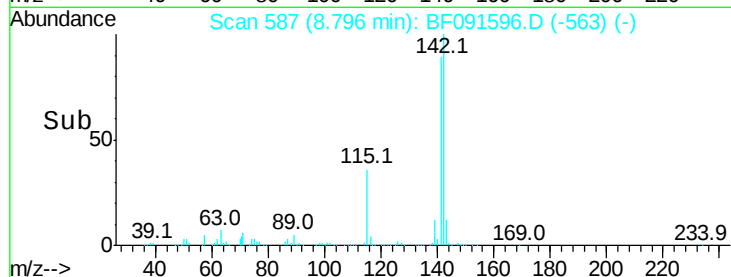
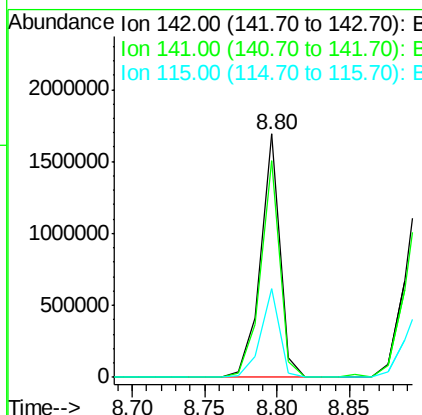
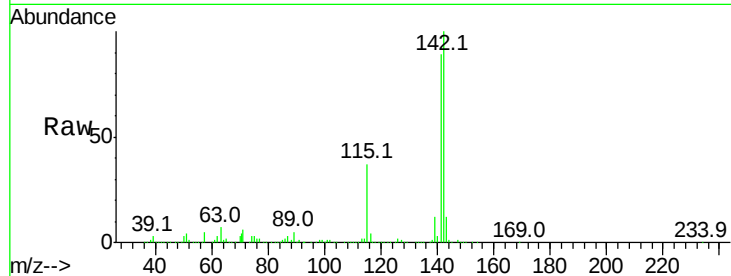
#37
2-Methylnaphthalene
Concen: 42.20 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion:142 Resp: 1558325
Ion Ratio Lower Upper
142 100
141 89.0 71.7 107.5
115 36.5 25.0 37.6

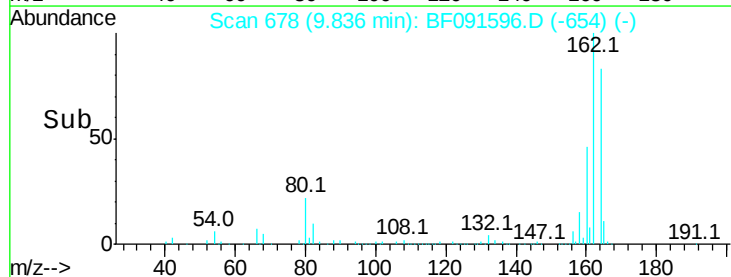
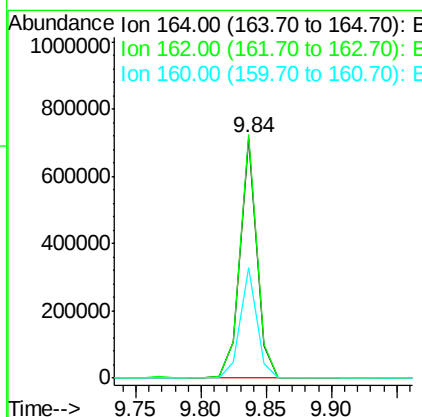
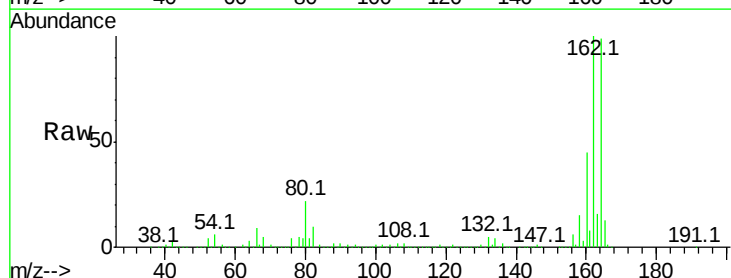
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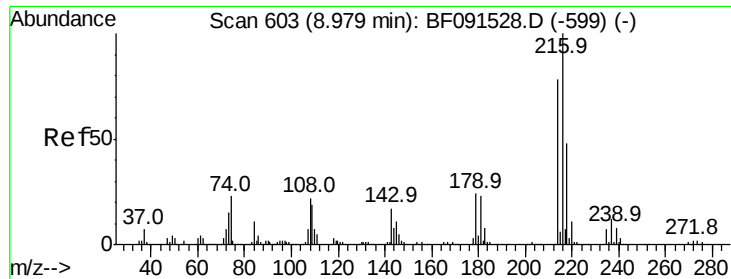
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:164 Resp: 635134
Ion Ratio Lower Upper
164 100
162 101.4 82.6 124.0
160 46.0 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.97 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion:216 Resp: 696283

Ion Ratio Lower Upper

216 100

214 78.3 63.8 95.8

179 21.9 18.2 27.2

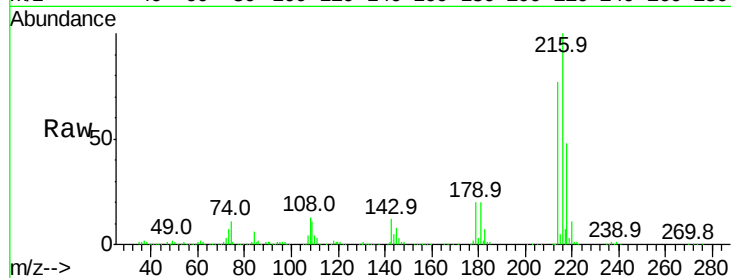
108 20.8 17.2 25.8

Manual Integrations

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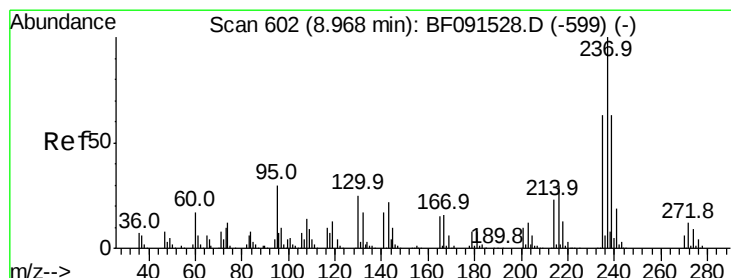
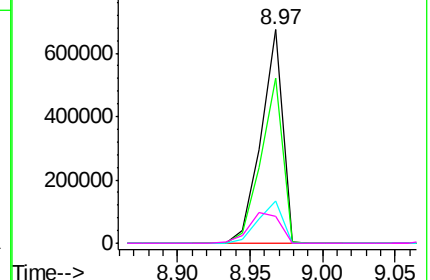
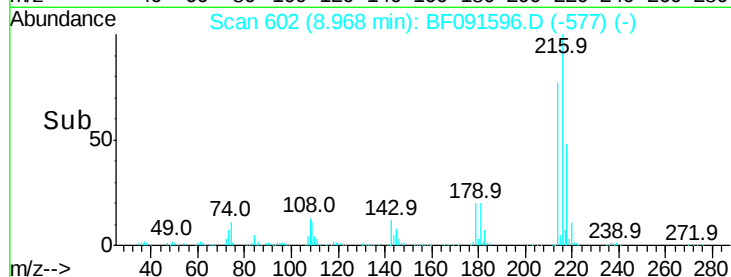


Abundance Ion 216.00 (215.70 to 216.70): E

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: 66.99 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

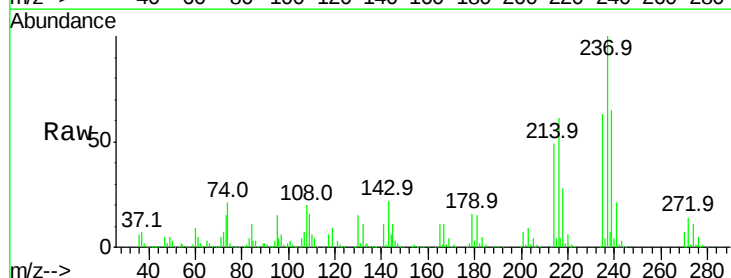
Tgt Ion:237 Resp: 520270

Ion Ratio Lower Upper

237 100

235 62.7 43.9 83.9

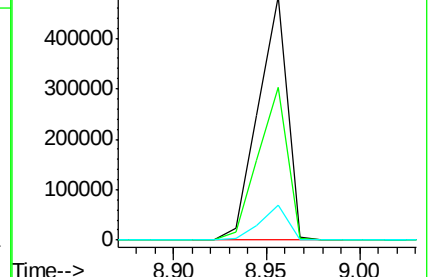
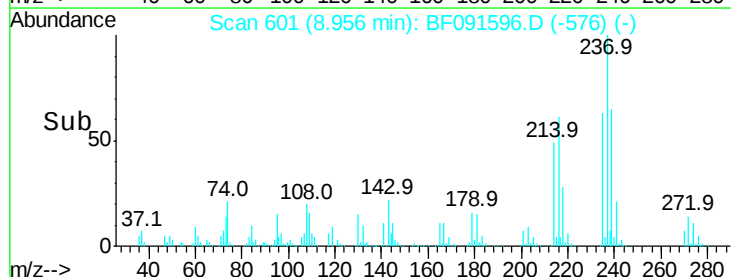
272 14.1 0.0 33.1

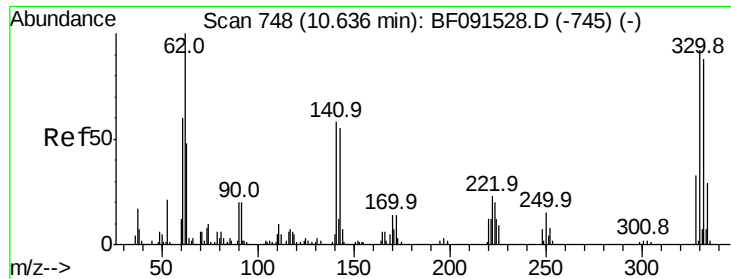


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





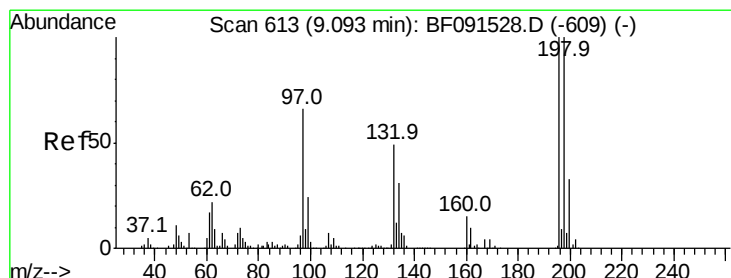
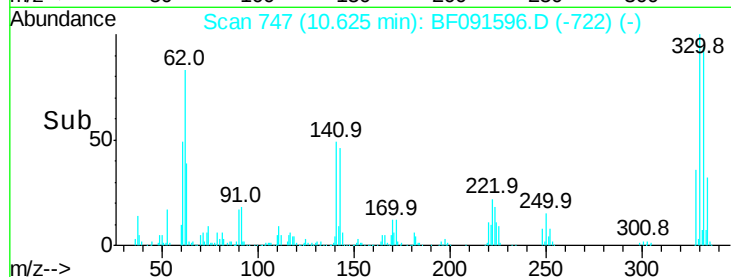
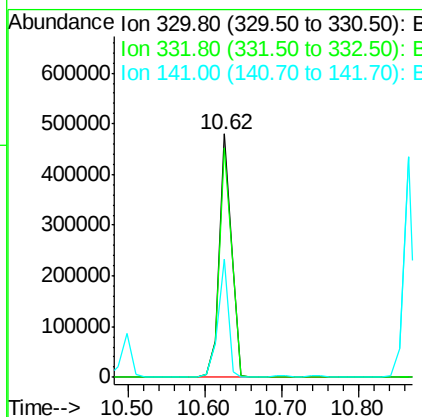
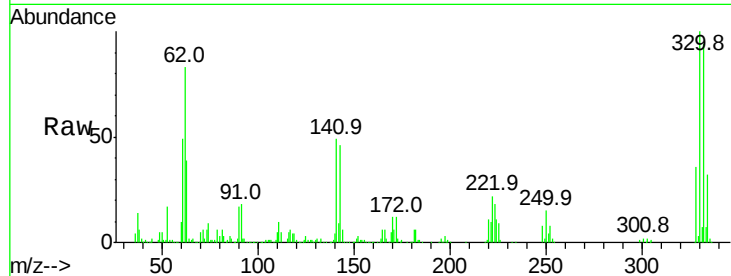
#41
 2,4,6-Tribromophenol
 Concen: 101.55 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.2	114.4
141	40.9	33.6	50.4

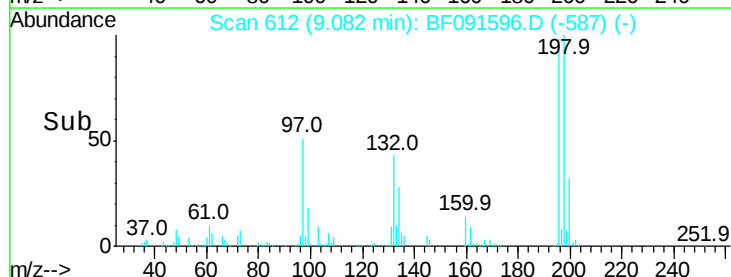
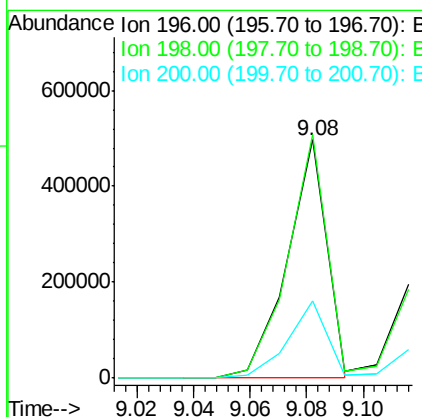
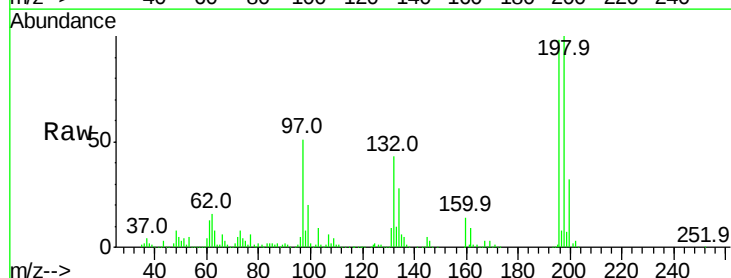
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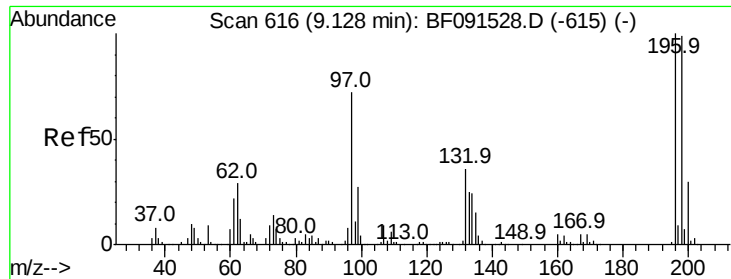
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#42
 2,4,6-Trichlorophenol
 Concen: 42.73 ng m
 RT: 9.08 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	77.4	116.0
200	32.5	25.2	37.8





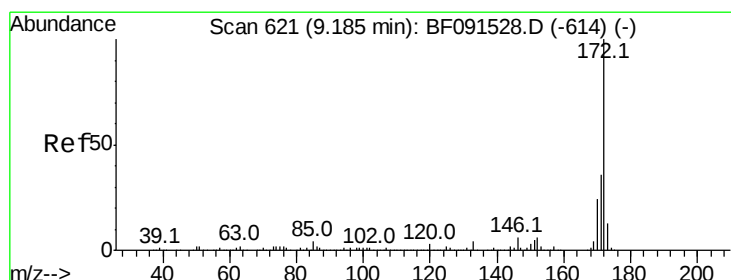
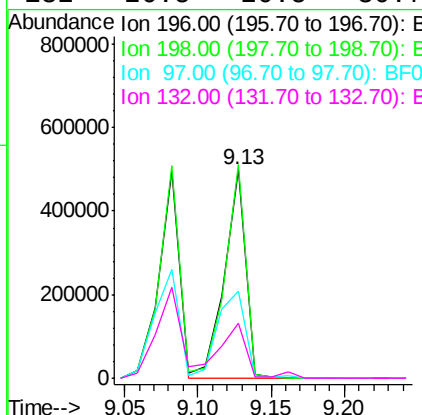
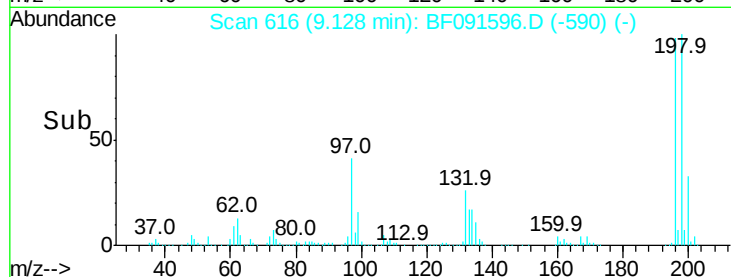
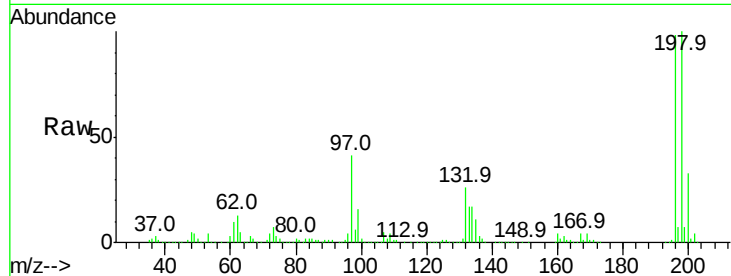
#43
2,4,5-Trichlorophenol
Concen: 43.82 ng/ml
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	504045		
198	102.4	77.0	115.6	
97	41.7	33.5	50.3	
132	26.5	20.5	30.7	

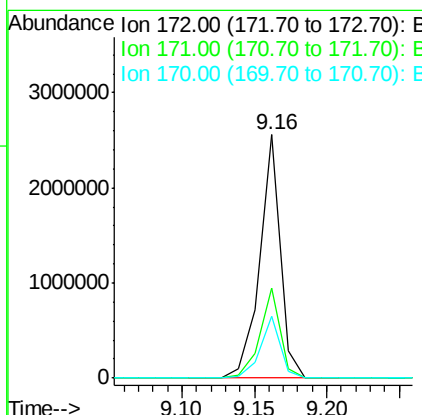
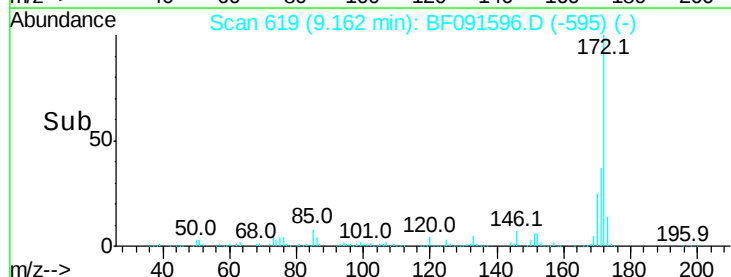
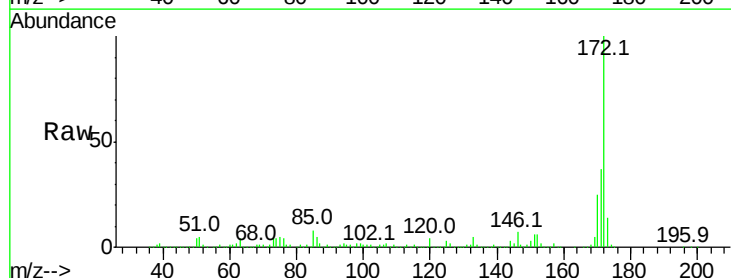
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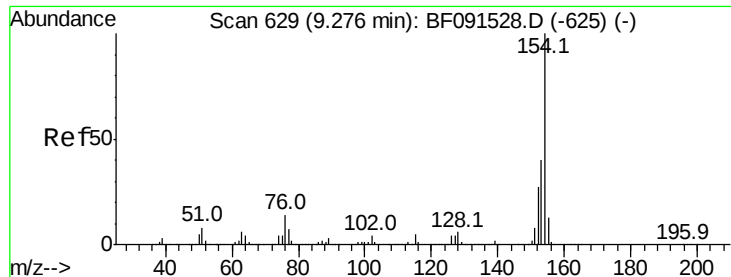
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#44
2-Fluorobiphenyl
Concen: 68.60 ng/ml
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2521731		
171	36.9	29.4	44.0	
170	25.2	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 44.54 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion:154 Resp: 2049023

Ion Ratio Lower Upper

154 100

153 40.7 20.6 60.6

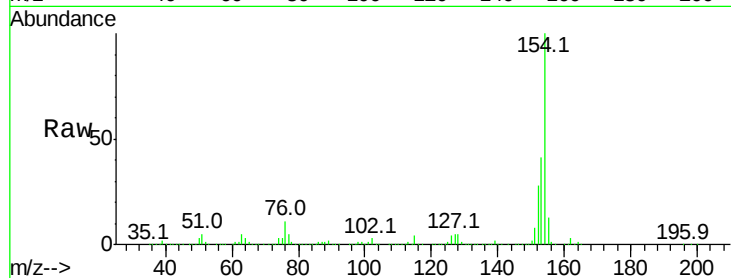
76 11.0 0.0 36.6

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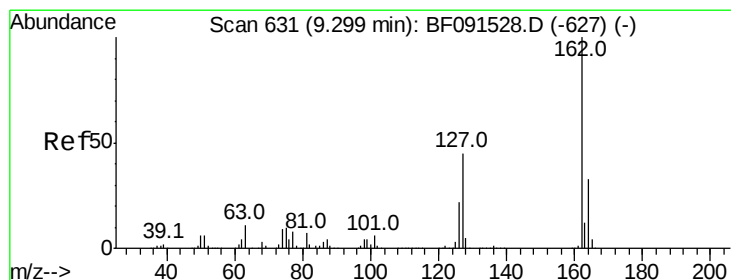
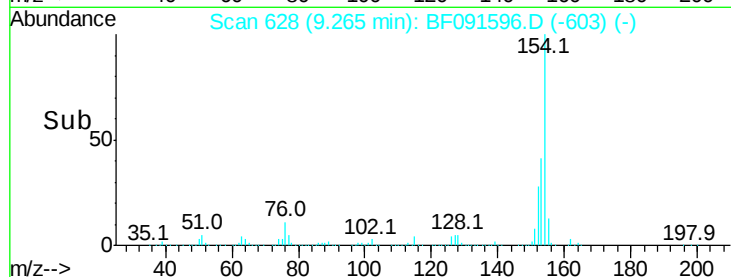
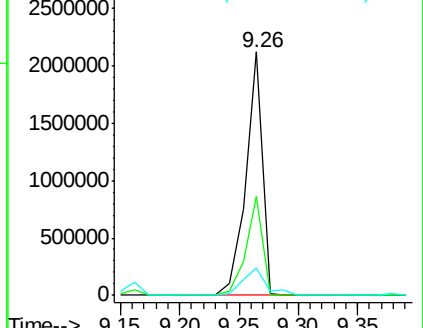
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 42.79 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

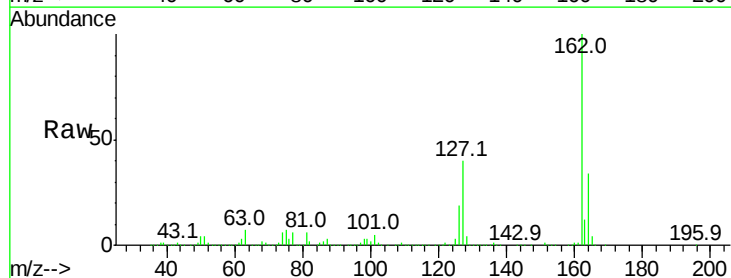
Tgt Ion:162 Resp: 1524241

Ion Ratio Lower Upper

162 100

127 39.9 34.3 51.5

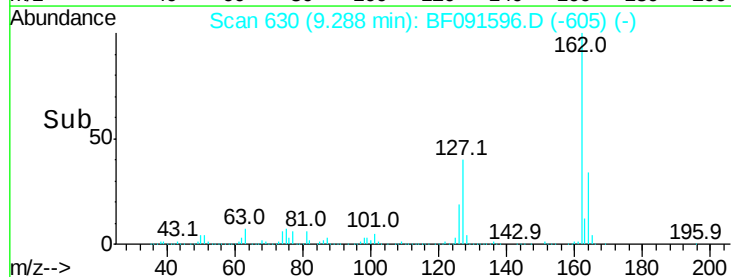
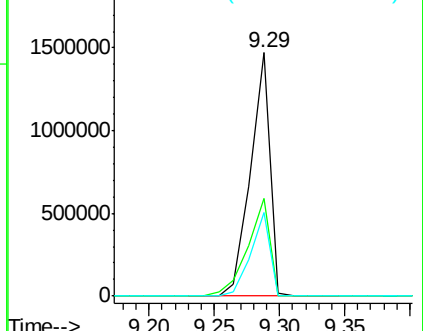
164 34.1 26.6 40.0

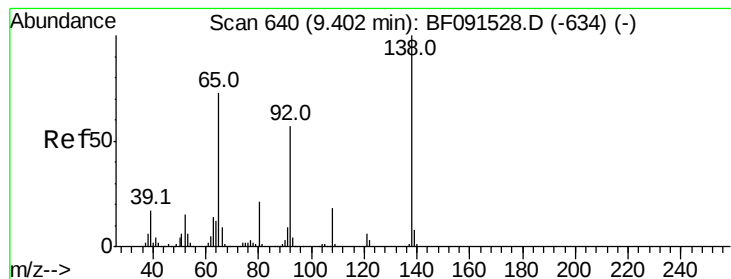


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.53 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

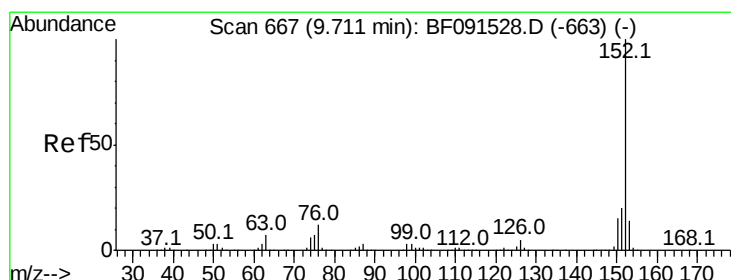
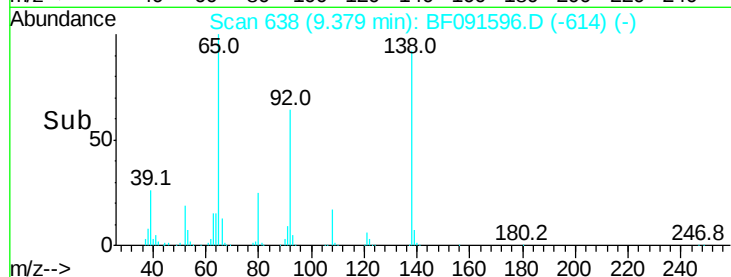
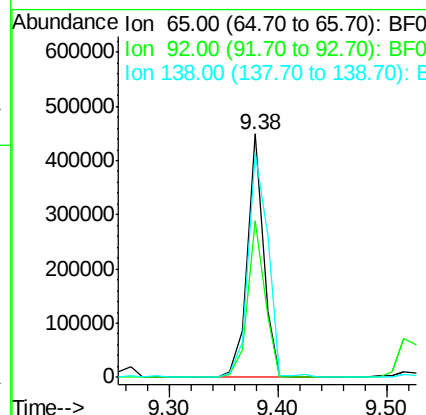
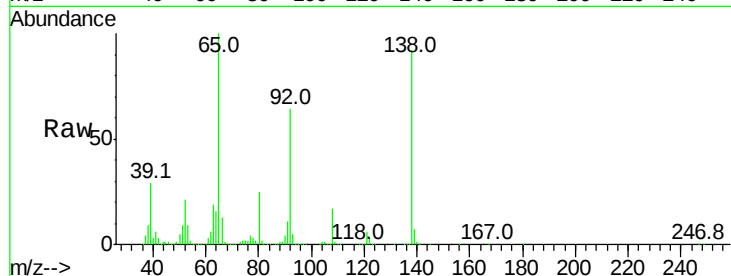
ClientSampleId :

WC-8-0-5MSD

Tot Ion:	65	Resp:	461565
Ion Ratio	Lower	Upper	
65	100		
92	64.1	53.6	80.4
138	92.2	91.0	136.6

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#48

Acenaphthylene

Concen: 39.45 ng

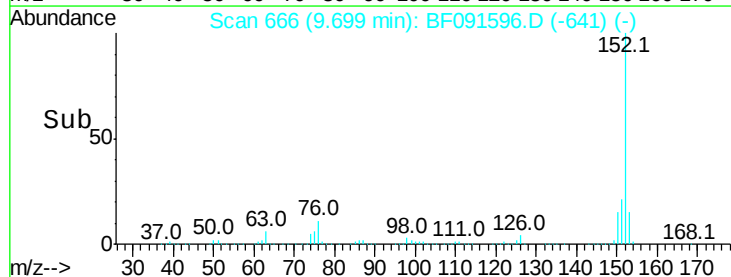
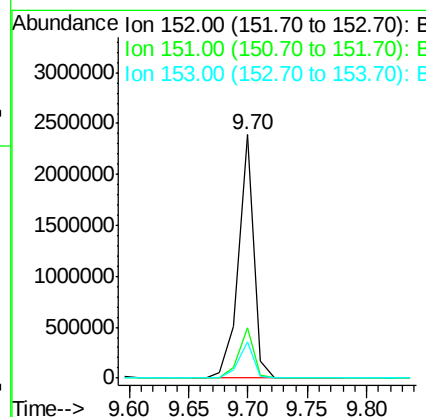
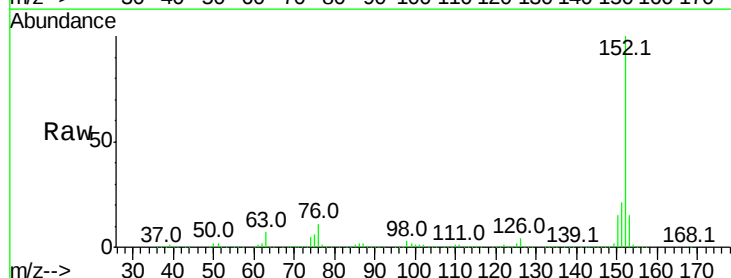
RT: 9.70 min Scan# 666

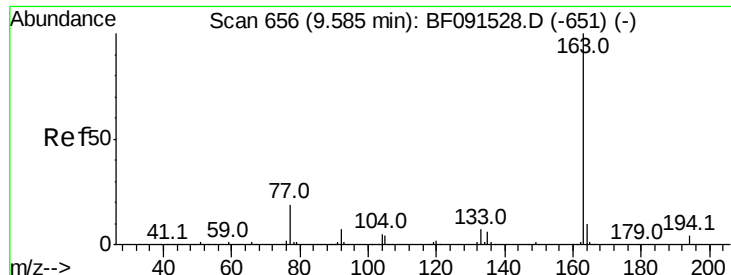
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	152	Resp:	2142366
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.6	24.8
153	14.8	10.7	16.1





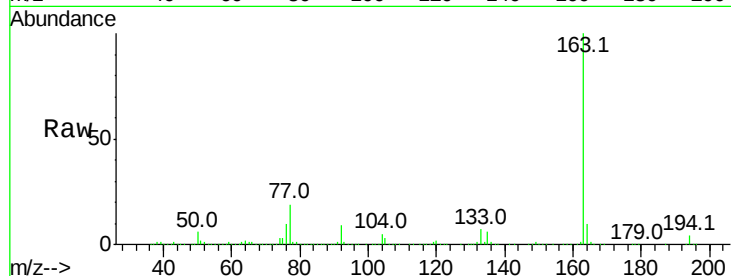
#49
Dimethylphthalate
Concen: 62.50 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

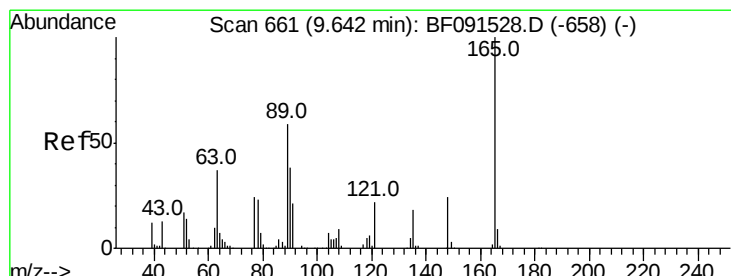
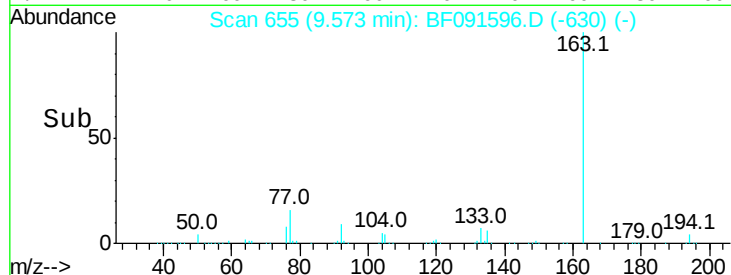
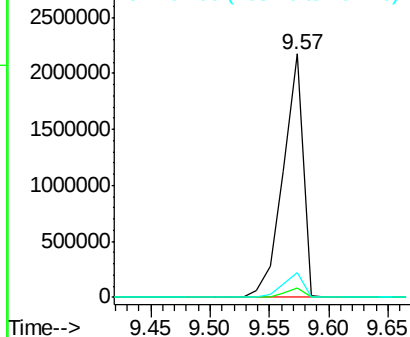
Tot Ion:163 Resp: 2513504
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.2 7.8 11.8

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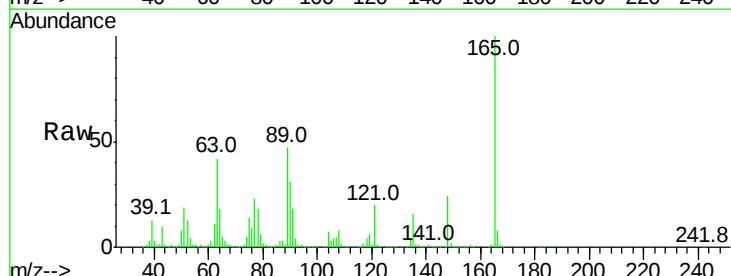


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

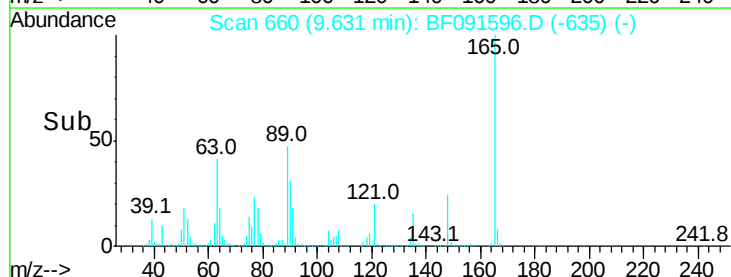
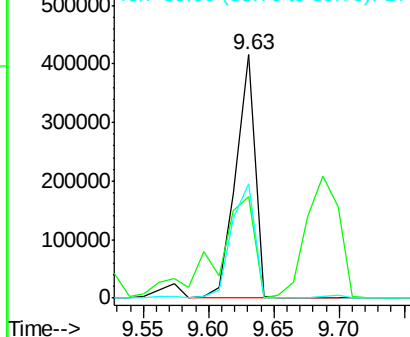


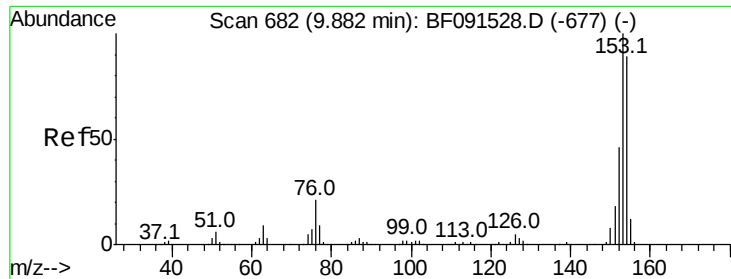
#50
2,6-Dinitrotoluene
Concen: 47.97 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:165 Resp: 423453
Ion Ratio Lower Upper
165 100
63 41.6 59.4 89.0#
89 47.0 50.8 76.2#



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





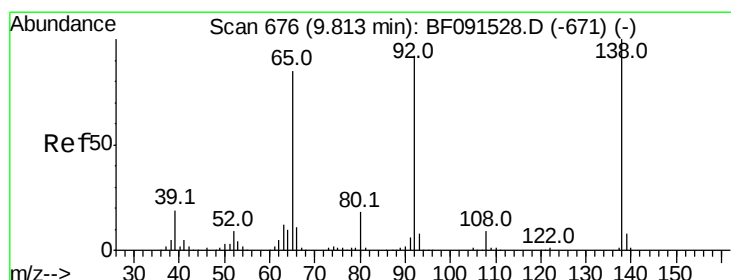
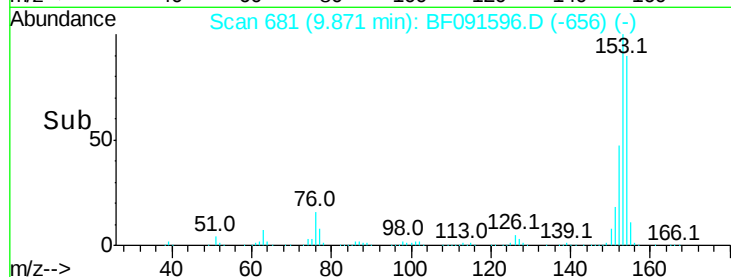
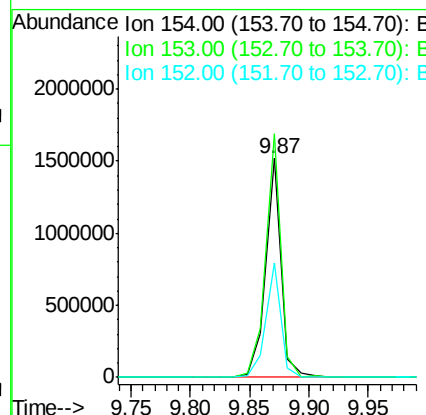
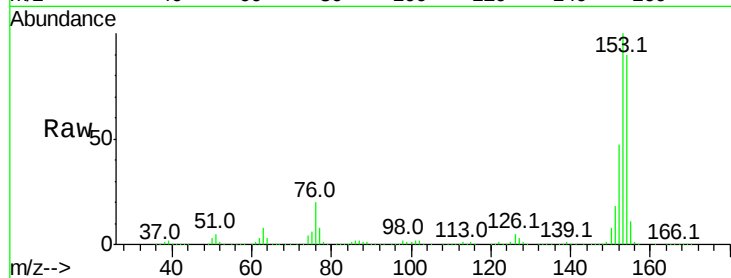
#51
Acenaphthene
Concen: 36.88 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion:154 Resp: 1390962
Ion Ratio Lower Upper
154 100
153 111.3 91.0 136.6
152 52.4 44.2 66.2

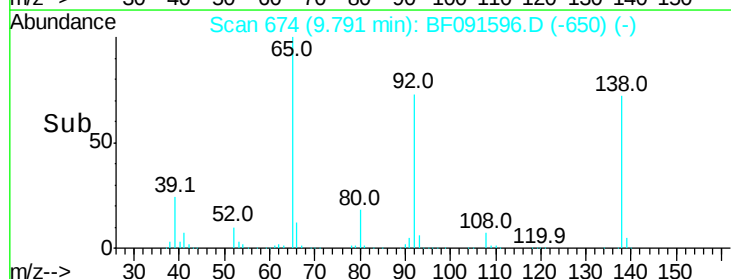
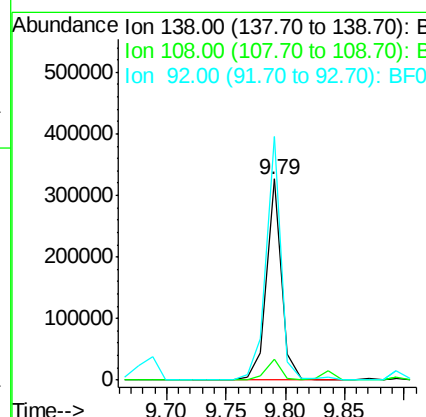
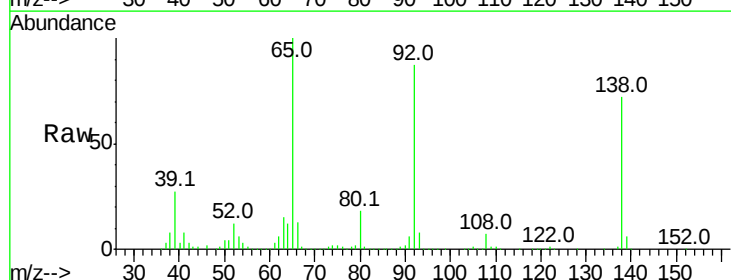
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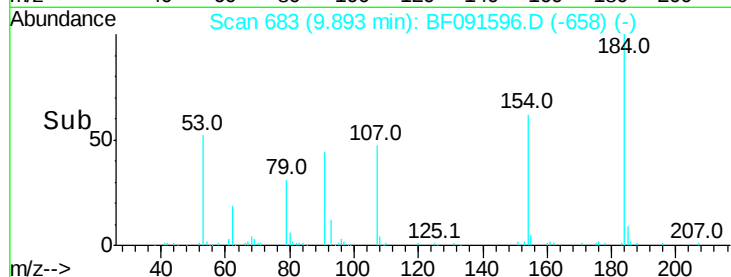
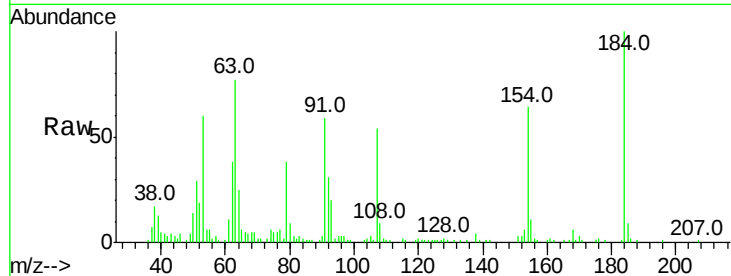
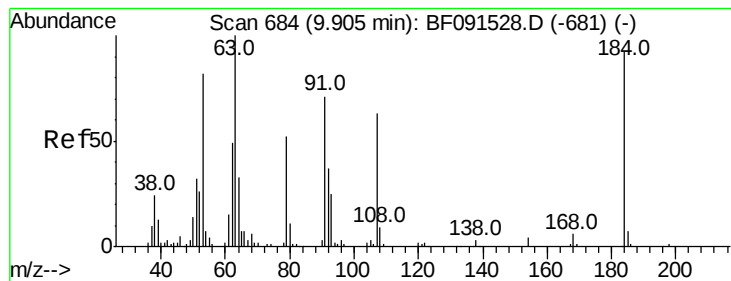
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#52
3-Nitroaniline
Concen: 28.20 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:138 Resp: 292363
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 121.2 92.5 138.7





#53

2,4-Dinitrophenol

Concen: 15.92 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tot Ion:	184	Resp:	48704
Ion Ratio	Lower	Upper	
184	100		
63	77.1	58.3	87.5
154	64.2	48.6	73.0

Instrument :

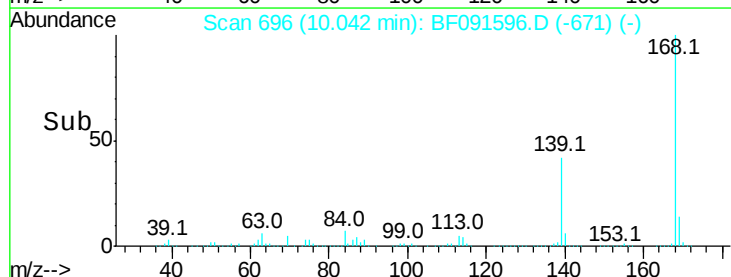
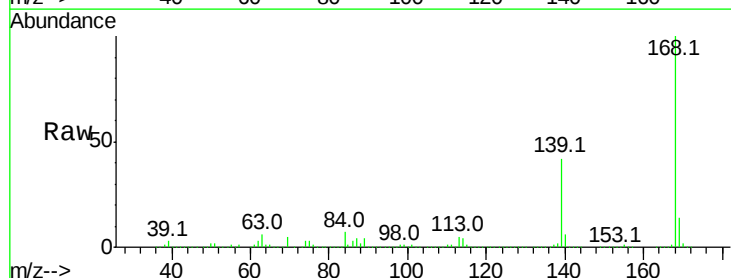
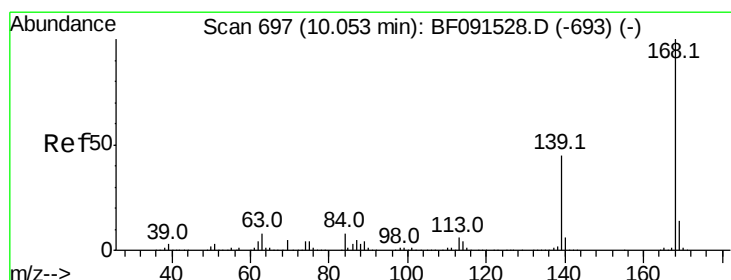
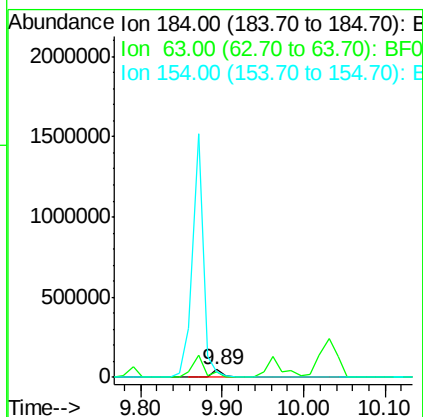
BNA_F

ClientSampleId :

WC-8-0-5MSD

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#54

Dibenzofuran

Concen: 40.98 ng

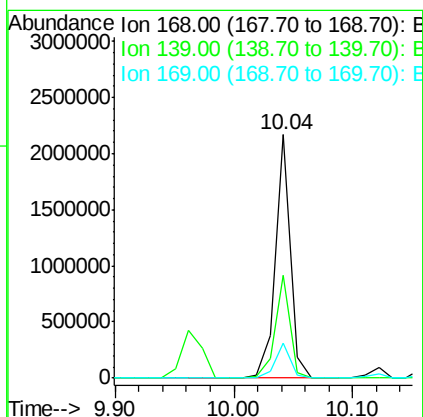
RT: 10.04 min Scan# 696

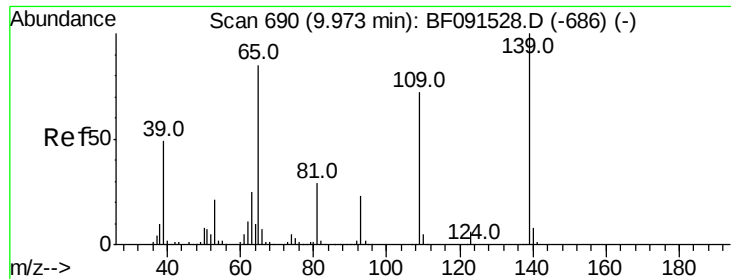
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	168	Resp:	1912169
Ion Ratio	Lower	Upper	
168	100		
139	42.3	33.4	50.2
169	14.4	11.1	16.7





#55

4-Nitrophenol

Concen: 70.02 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

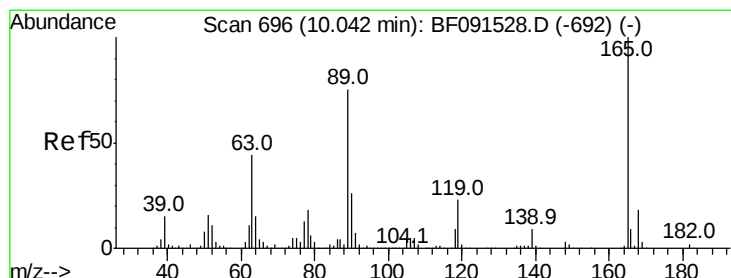
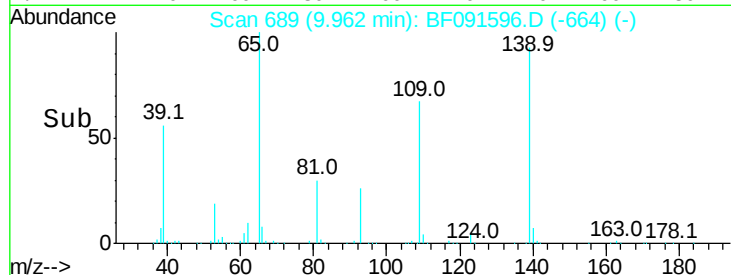
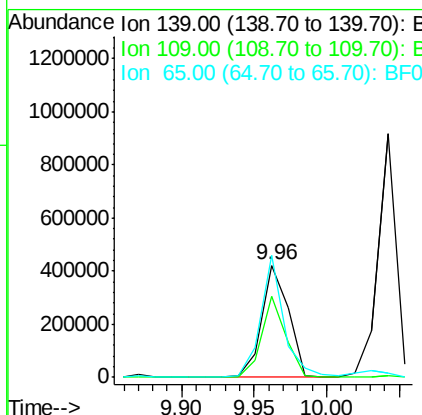
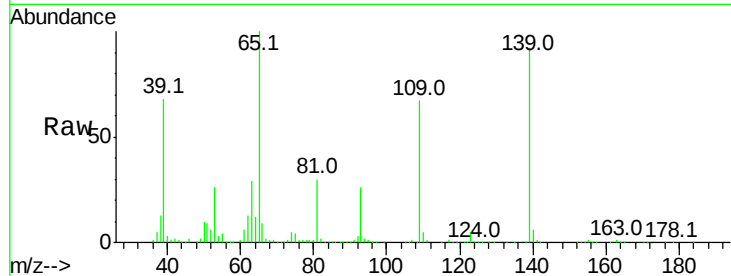
ClientSampleId :

WC-8-0-5MSD

Tot Ion:	139	Resp:	540179
Ion Ratio	Lower	Upper	
139	100		
109	72.5	54.9	94.9
65	108.8	102.2	142.2

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#56

2,4-Dinitrotoluene

Concen: 50.72 ng

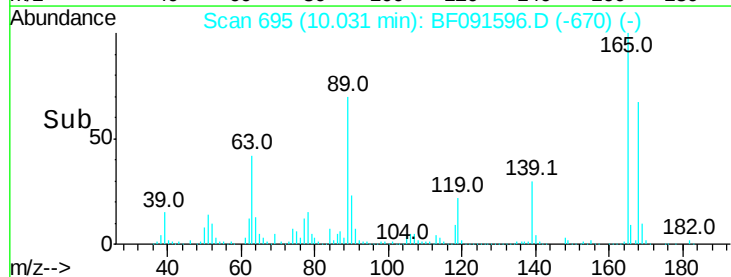
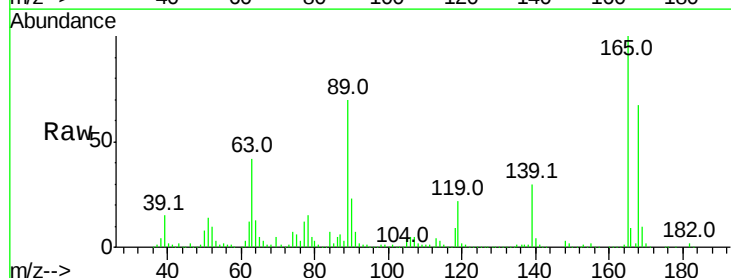
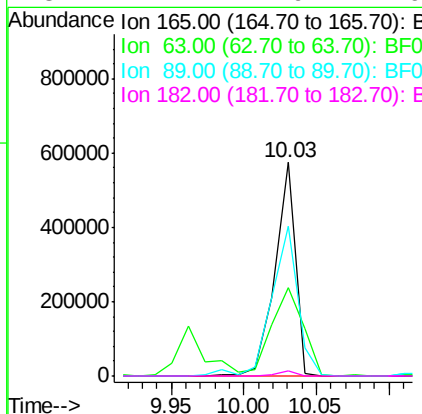
RT: 10.03 min Scan# 695

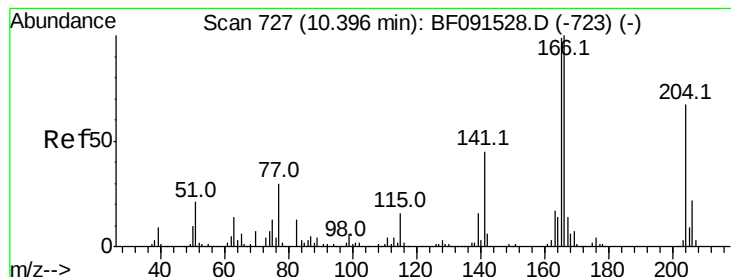
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	165	Resp:	561147
Ion Ratio	Lower	Upper	
165	100		
63	41.6	29.0	43.4
89	70.2	43.1	64.7#
182	2.2	1.9	2.9





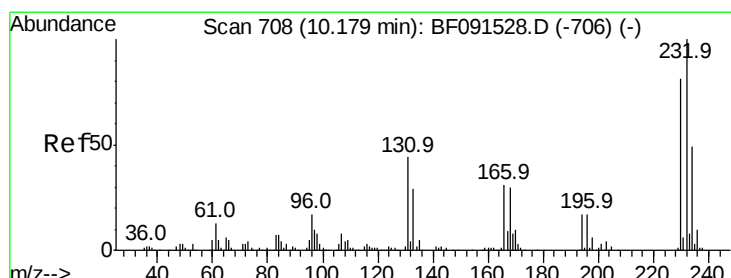
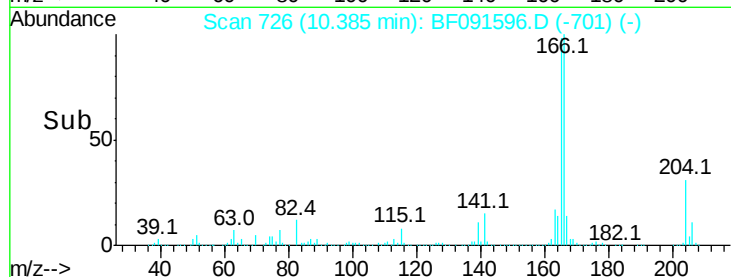
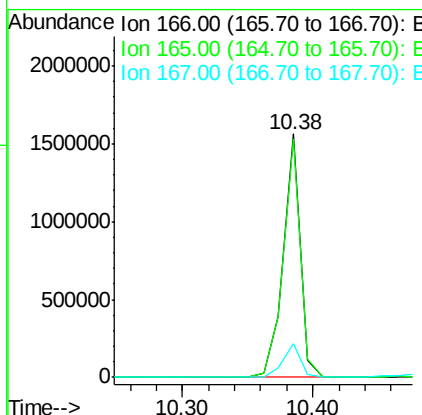
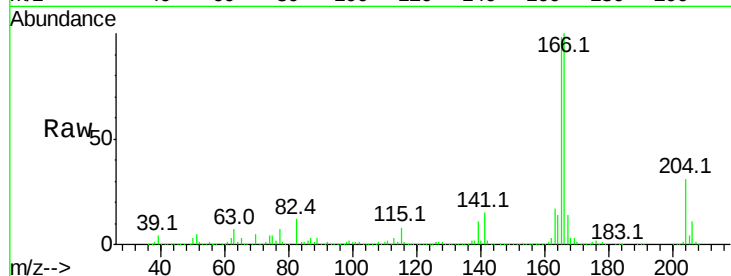
#57
Fluorene
 Concen: 43.06 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	80.0	120.0
167	14.0	10.8	16.2

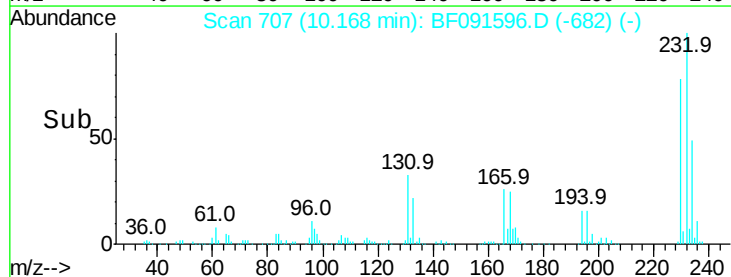
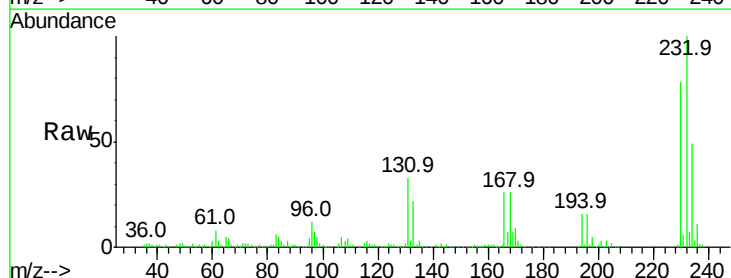
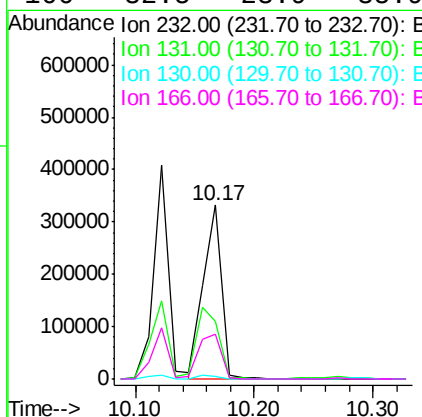
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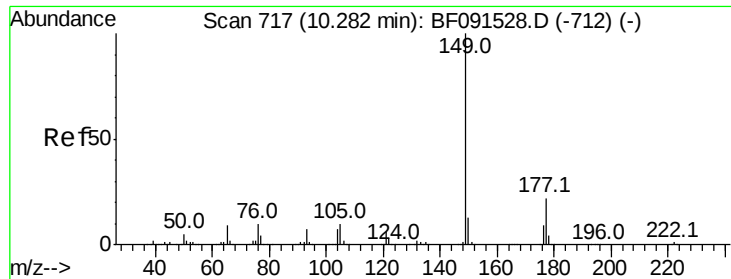
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.83 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.3	38.4	57.6
130	2.6	1.8	2.8
166	32.5	23.9	35.9





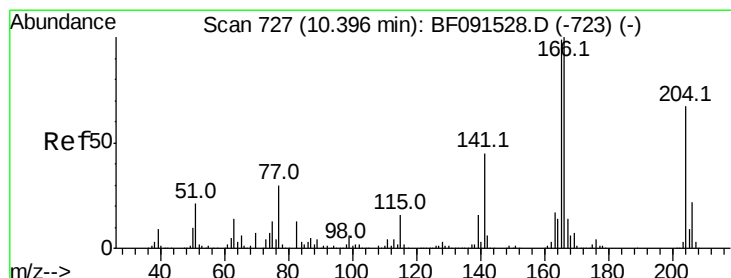
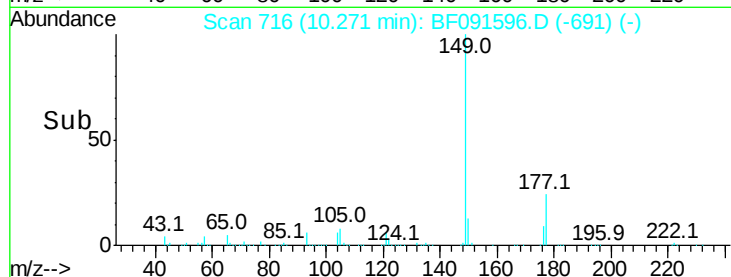
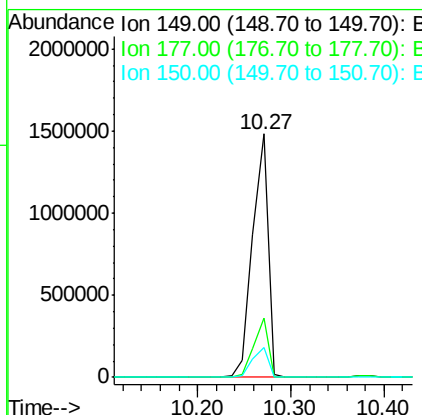
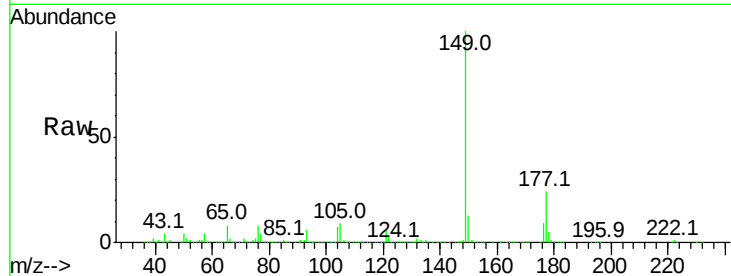
#59
Diethylphthalate
Concen: 43.96 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion:149 Resp: 1702477
Ion Ratio Lower Upper
149 100
177 24.2 15.7 23.5#
150 12.5 10.2 15.2

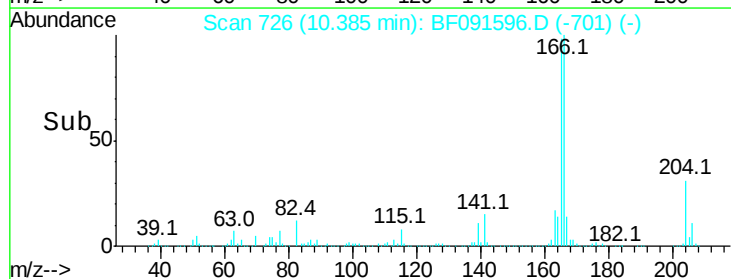
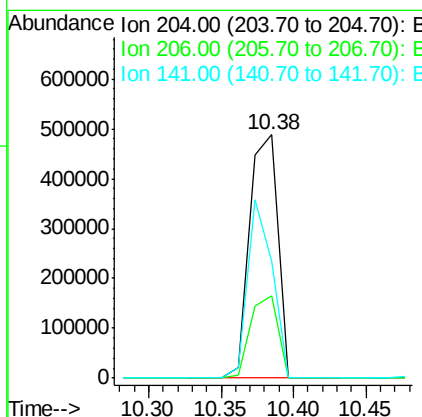
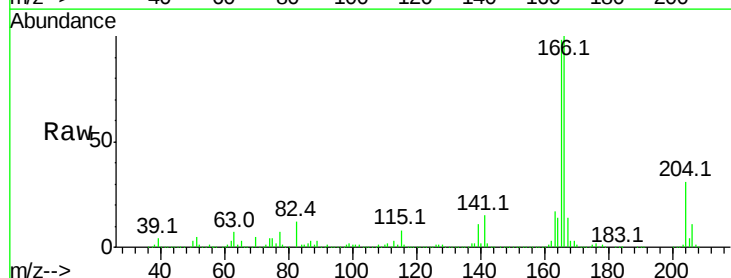
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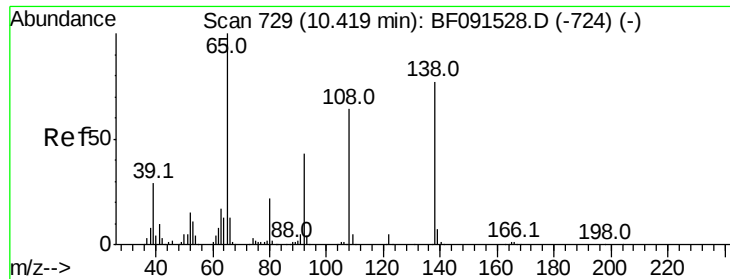
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#60
4-Chlorophenyl-phenylether
Concen: 39.25 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:204 Resp: 658522
Ion Ratio Lower Upper
204 100
206 34.0 26.1 39.1
141 47.9 40.6 61.0





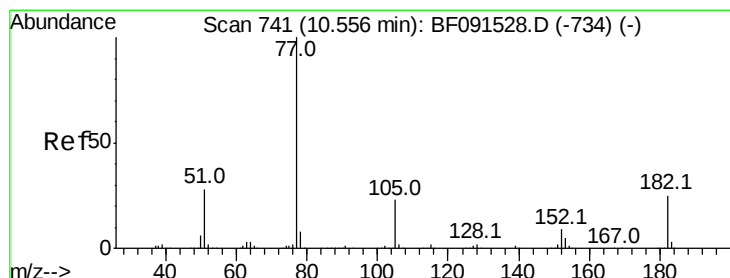
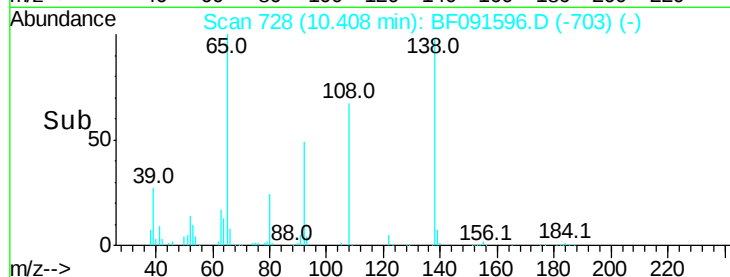
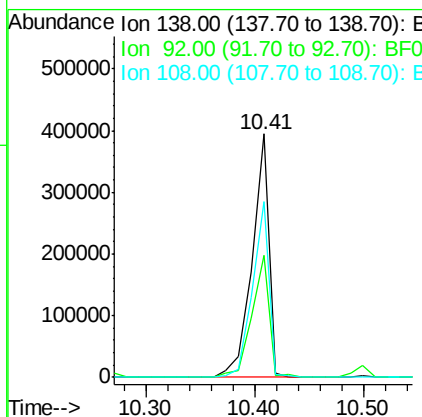
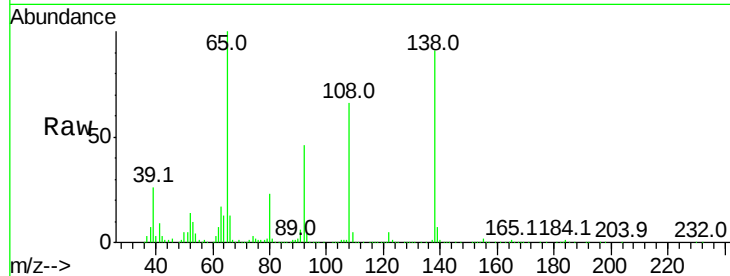
#61
4-Nitroaniline
Concen: 41.38 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.3	26.9	66.9
108	72.4	49.1	89.1

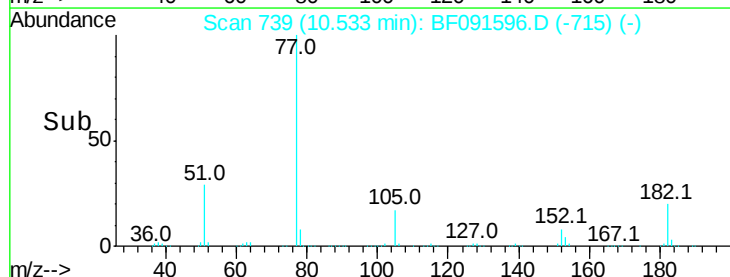
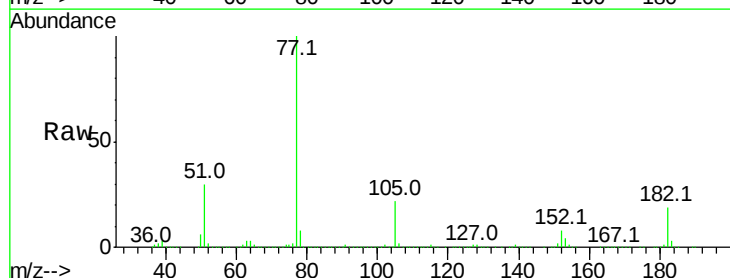
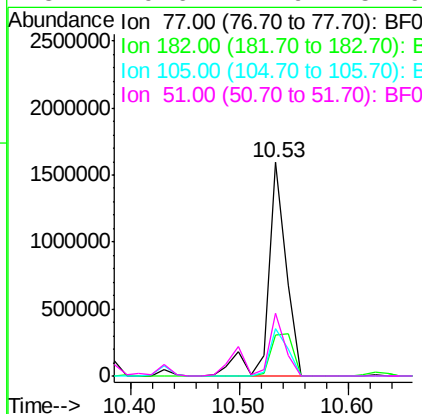
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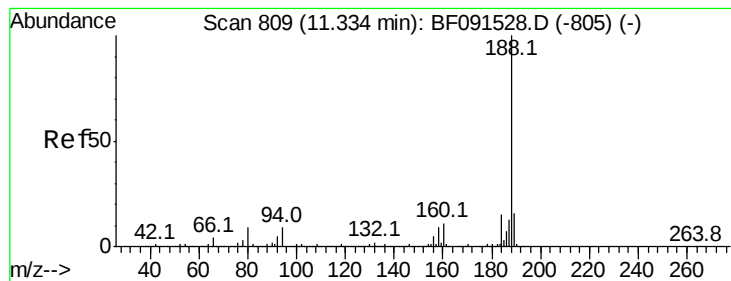
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#62
Azobenzene
Concen: 42.03 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	12.5	52.5
105	22.3	3.7	43.7
51	29.6	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

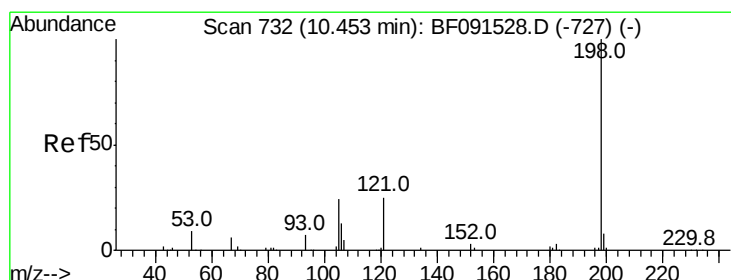
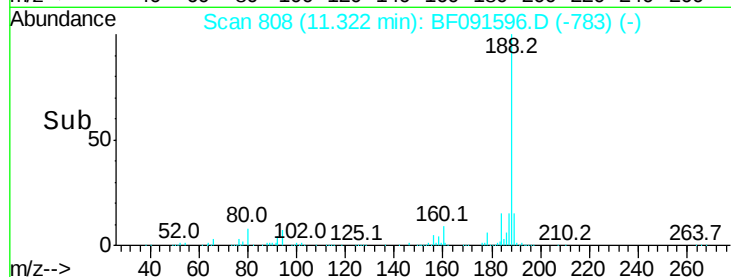
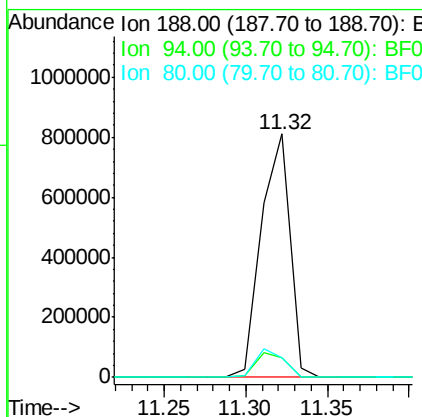
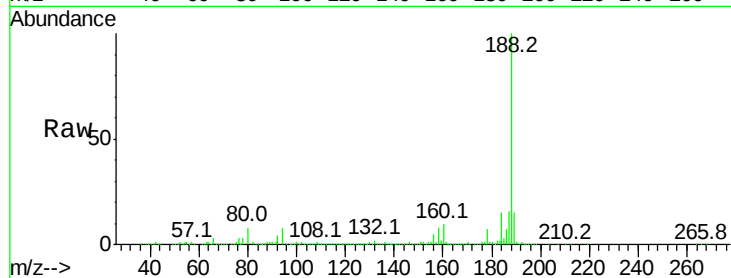
ClientSampleId :

WC-8-0-5MSD

Tot Ion:188	Resp: 998104
Ion Ratio	Lower Upper
188 100	
94 8.0	9.2 13.8#
80 8.0	10.5 15.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 23.23 ng

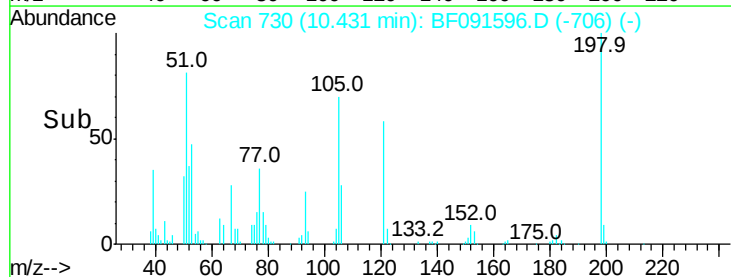
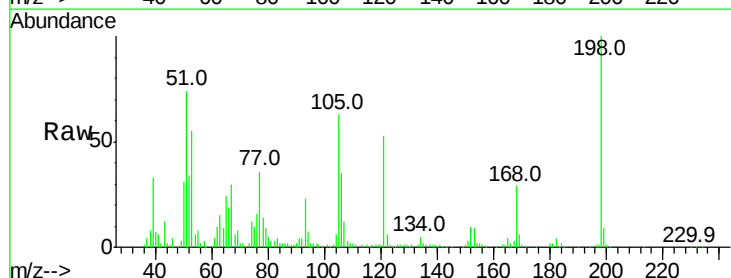
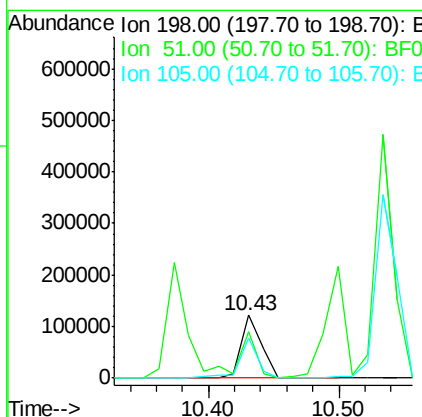
RT: 10.43 min Scan# 730

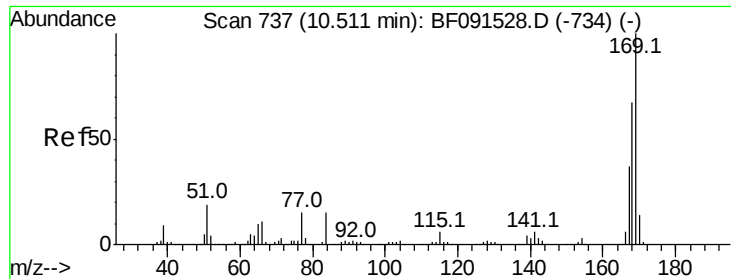
Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:198	Resp: 131006
Ion Ratio	Lower Upper
198 100	
51 73.7	77.1 117.1#
105 63.3	44.8 84.8





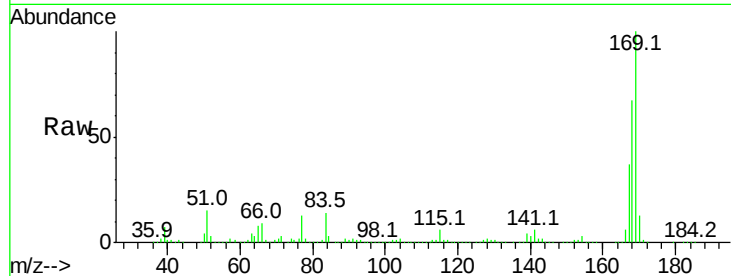
#65
n-Nitrosodiphenylamine
Concen: 45.24 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

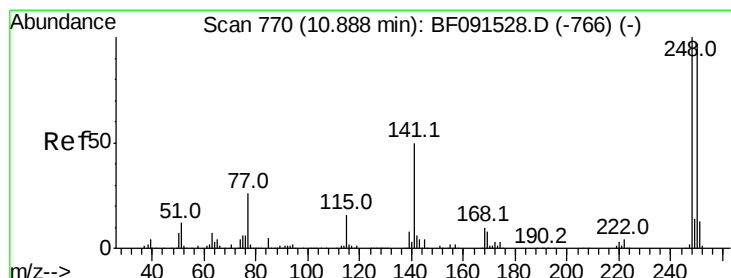
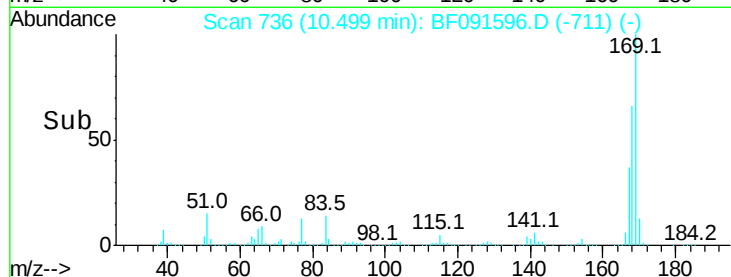
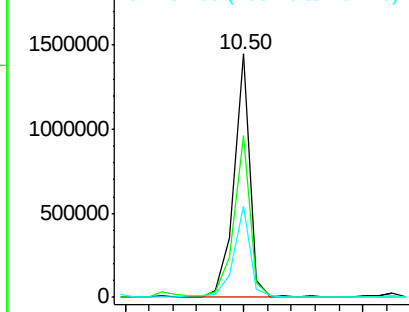
Tot Ion	Ratio	Lower	Upper
169	100		
168	66.5	53.8	80.8
167	37.5	29.8	44.8

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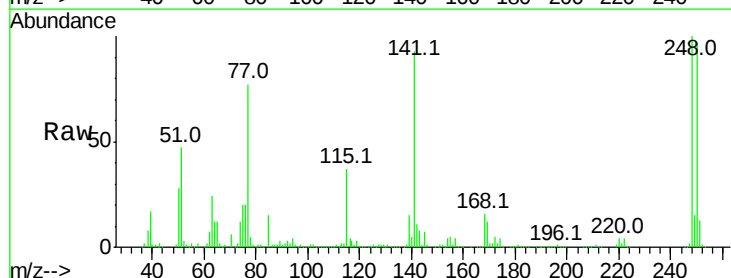


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

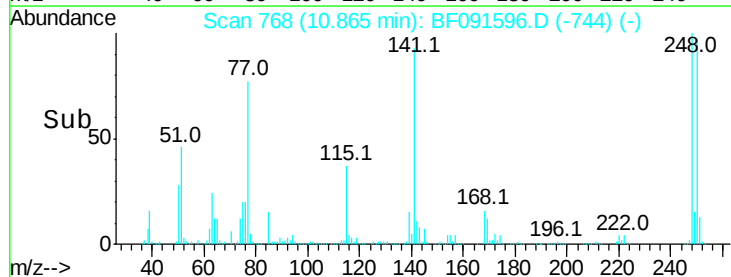
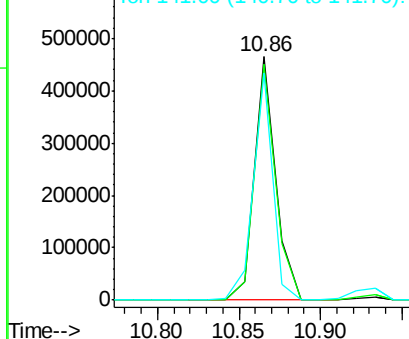


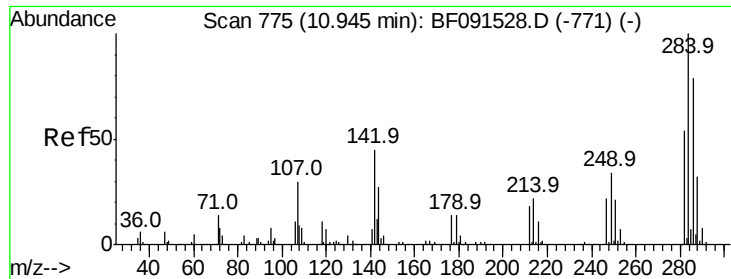
#66
4-Bromophenyl-phenylether
Concen: 41.39 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.2	117.4
141	93.5	71.9	107.9



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





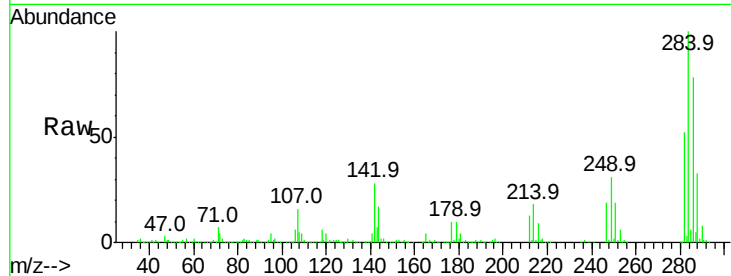
#67
Hexachlorobenzene
Concen: 44.03 ng
RT: 10.93 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

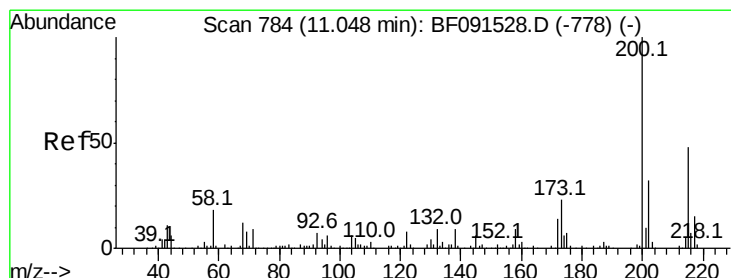
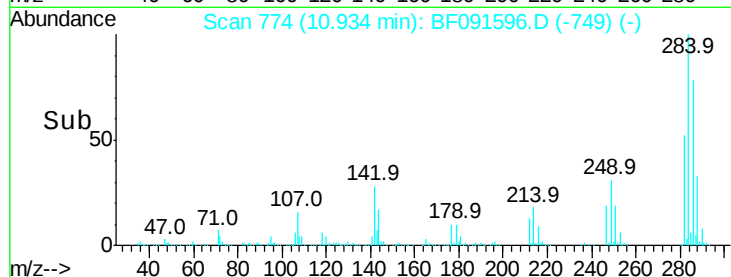
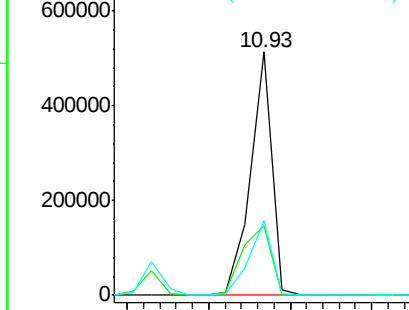
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.3	17.9	26.9	
249	30.9	23.6	35.4	

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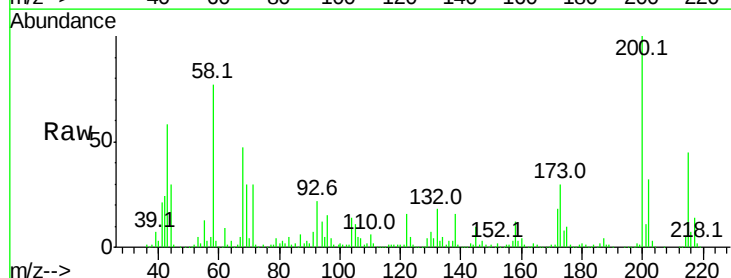


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

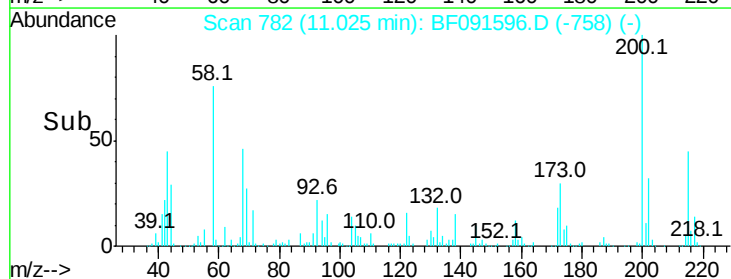
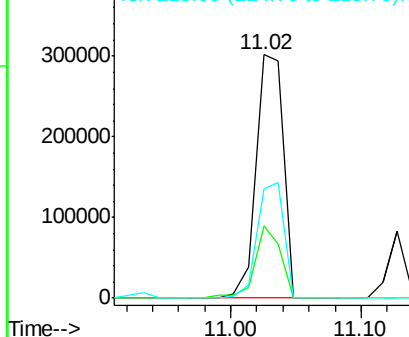


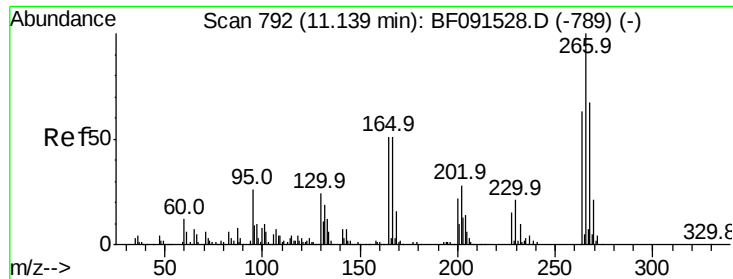
#68
Atrazine
Concen: 46.07 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.5	7.8	47.8	
215	44.7	24.3	64.3	



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





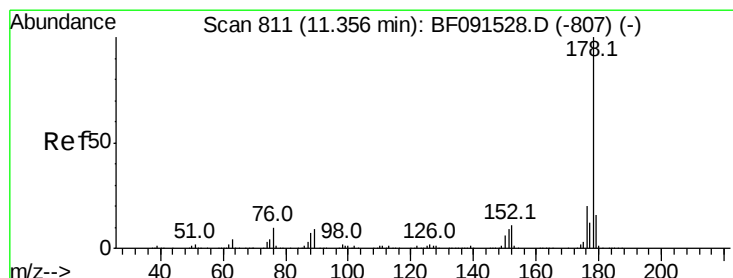
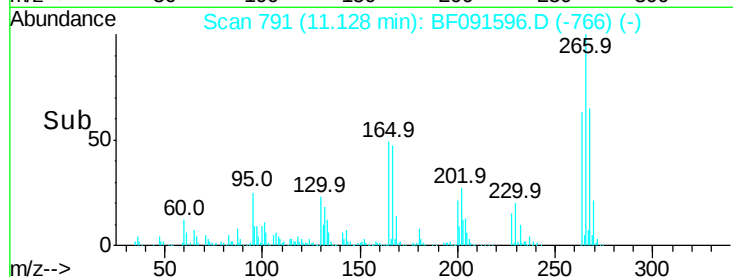
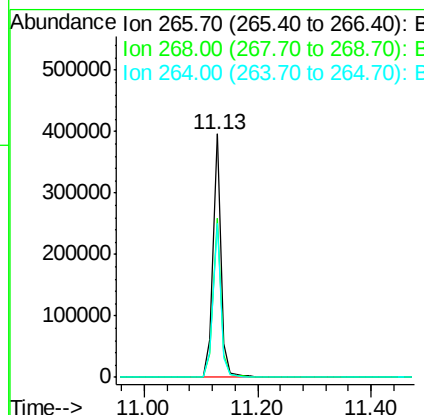
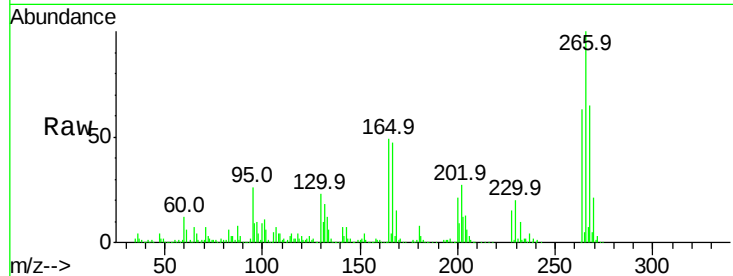
#69
 Pentachlorophenol
 Concen: 61.96 ng
 RT: 11.13 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampled :
 WC-8-0-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	371031		
268	65.1	50.3	75.5	
264	63.4	48.2	72.2	

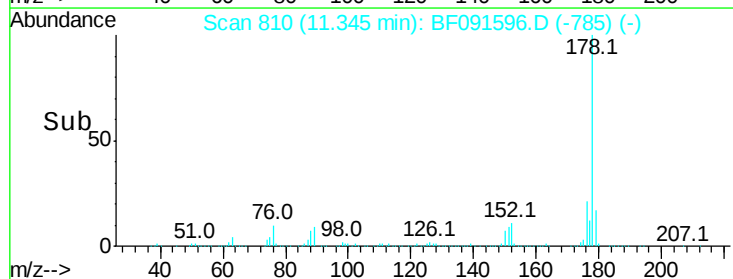
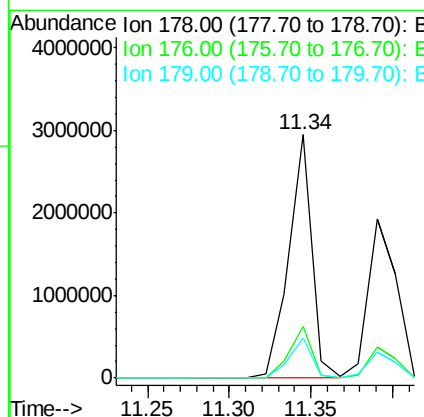
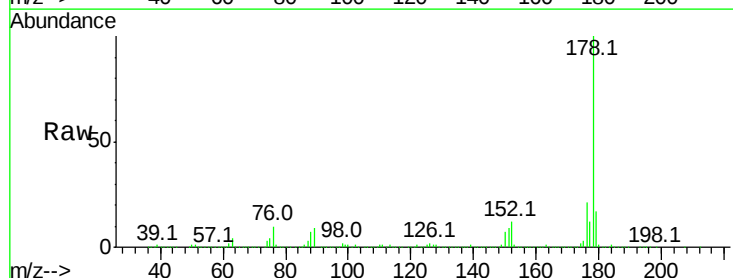
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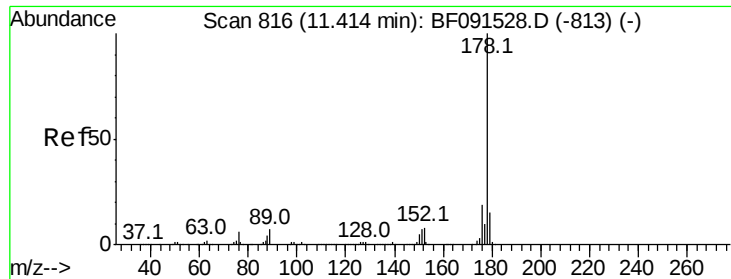
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#70
 Phenanthrene
 Concen: 58.86 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2909304		
176	21.0	15.9	23.9	
179	16.6	12.6	18.8	





#71
 Anthracene
 Concen: 44.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

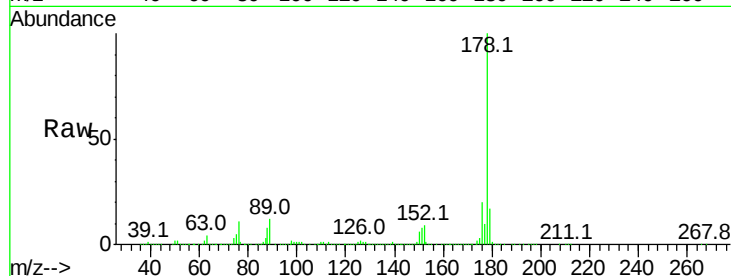
Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion:178 Resp: 2345905

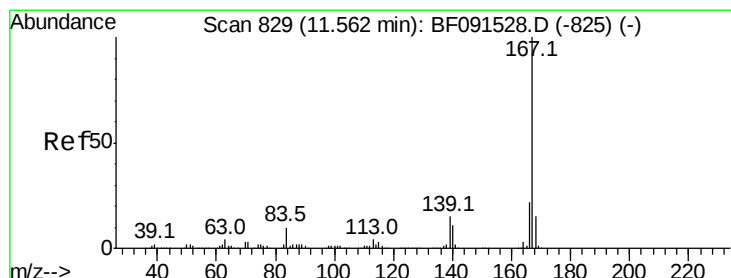
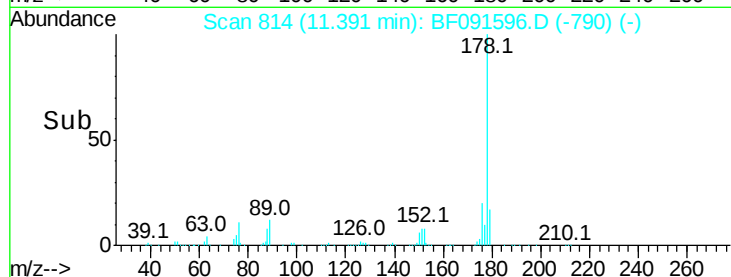
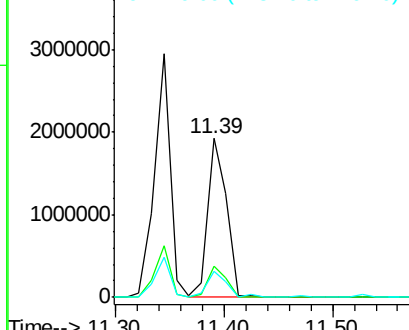
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.7	12.7	19.1

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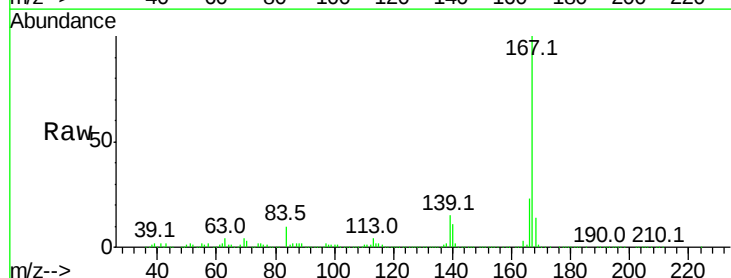
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



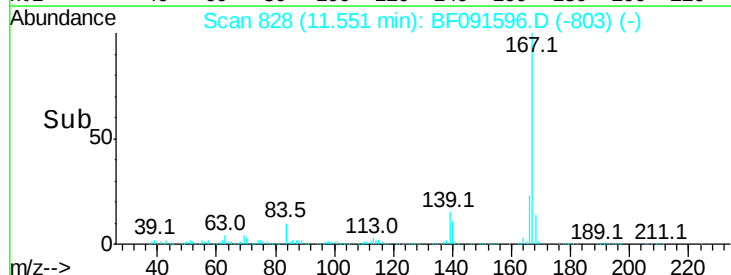
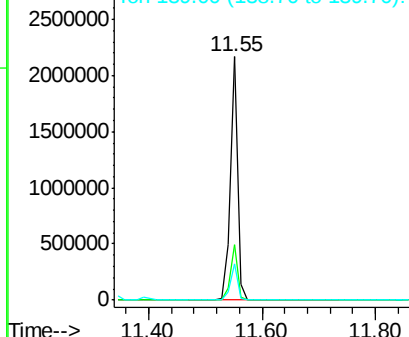
#72
 Carbazole
 Concen: 41.76 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

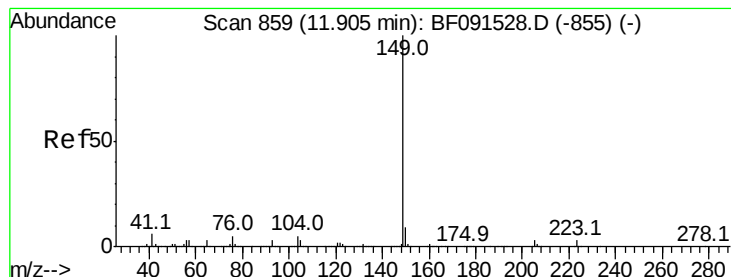
Tgt Ion:167 Resp: 1951570

Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.6	11.5	17.3



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





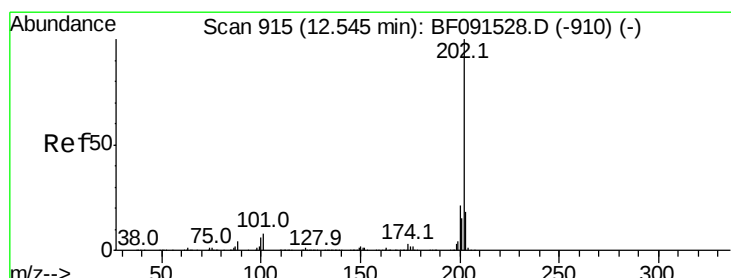
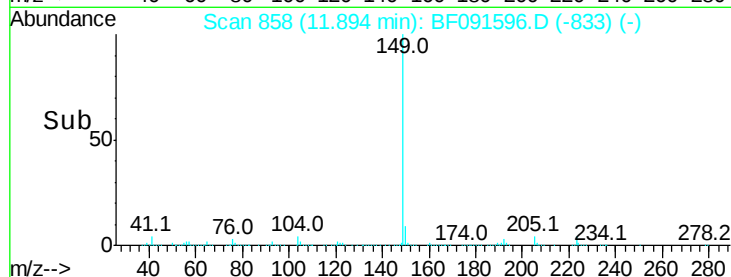
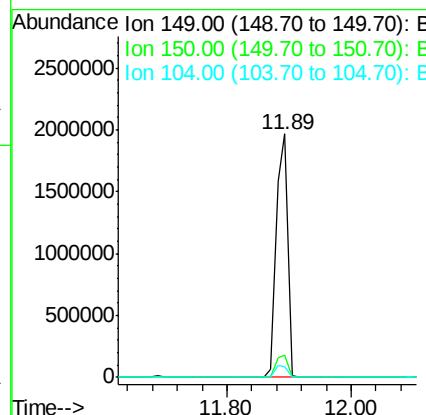
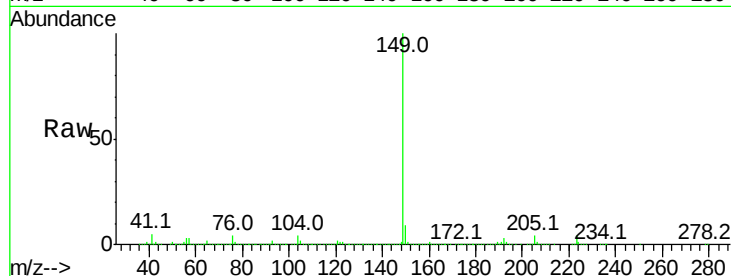
#73
Di-n-butylphthalate
Concen: 45.82 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion:149 Resp: 2494566
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 4.2 4.0 6.0

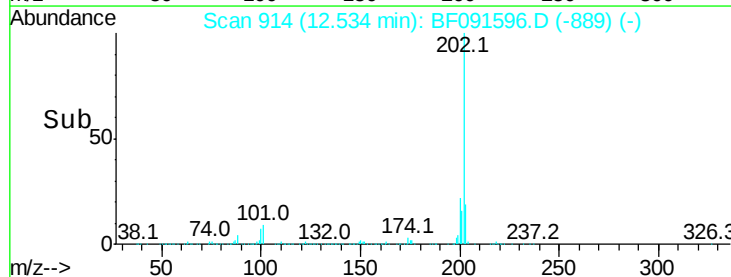
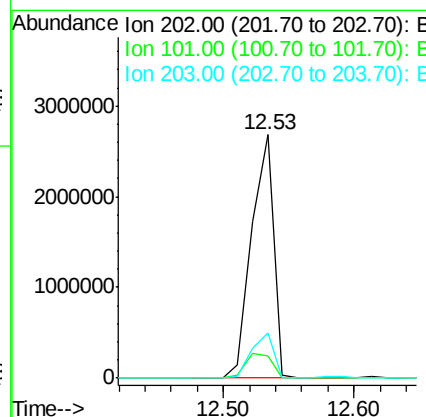
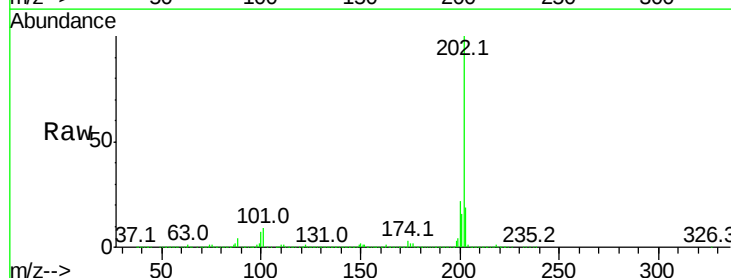
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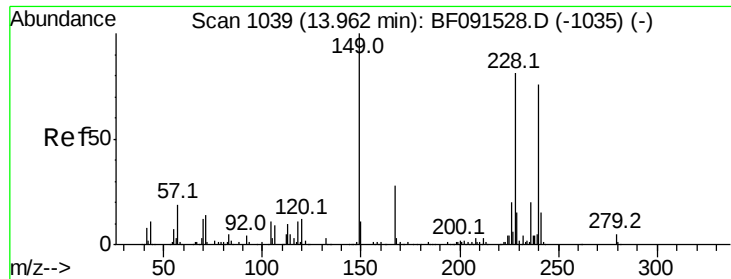
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#74
Fluoranthene
Concen: 61.09 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:202 Resp: 3161829
Ion Ratio Lower Upper
202 100
101 9.2 0.0 29.5
203 18.6 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

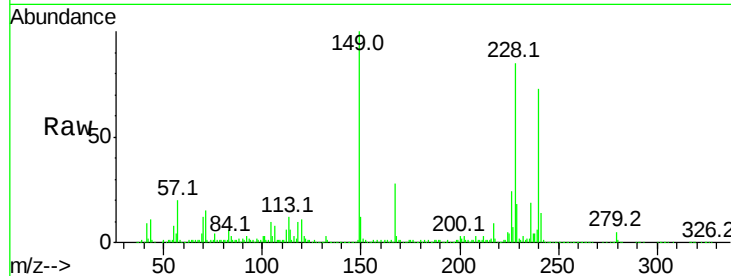
ClientSampleId :

WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.3	12.1	18.1
236	26.5	21.0	31.6

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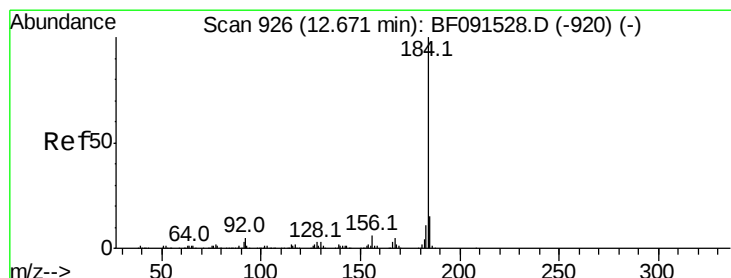
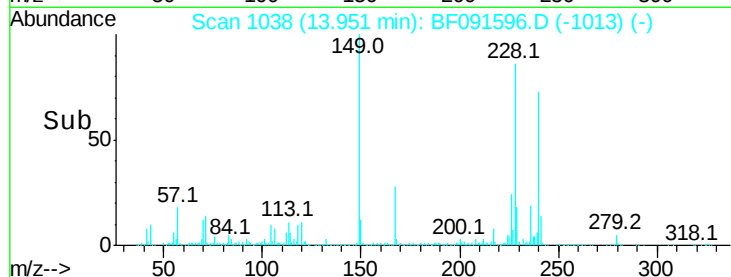
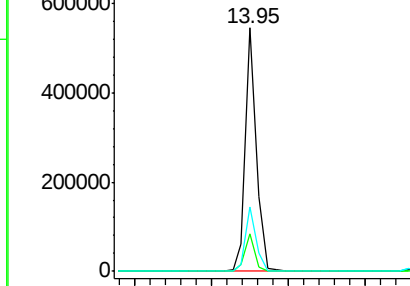
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.15 ng

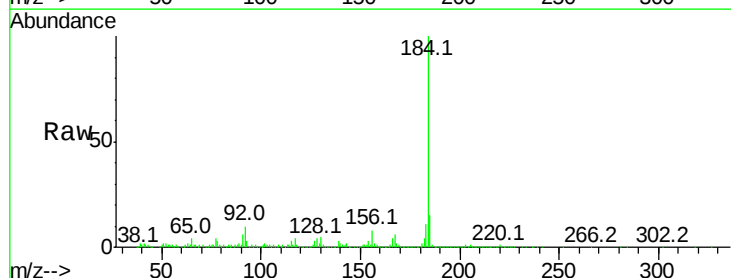
RT: 12.65 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

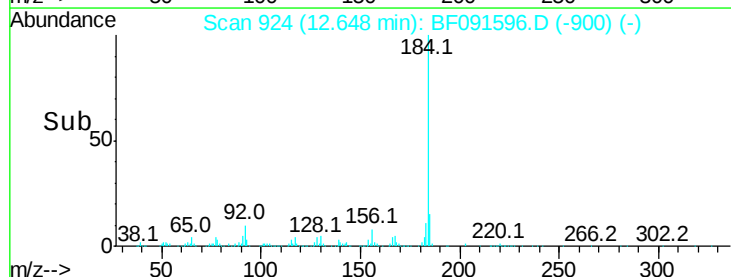
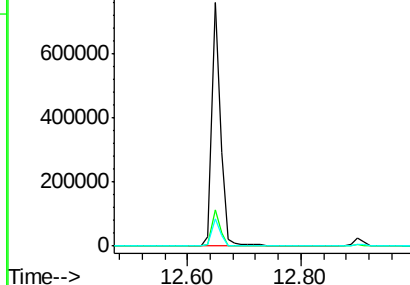
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.1	19.7
183	11.4	8.9	13.3

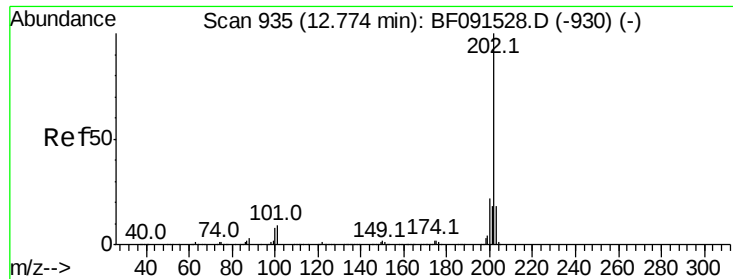


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 70.37 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

ClientSampleId :

WC-8-0-5MSD

Tot Ion:202 Resp: 3015488

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

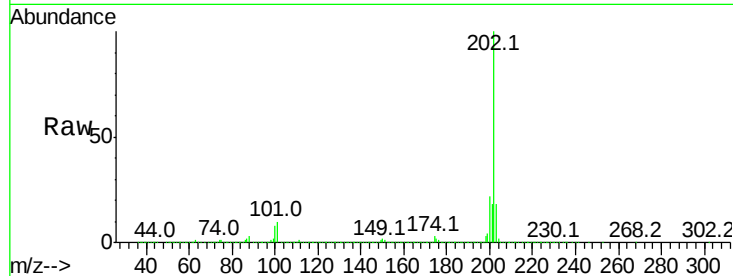
203 18.5 14.0 21.0

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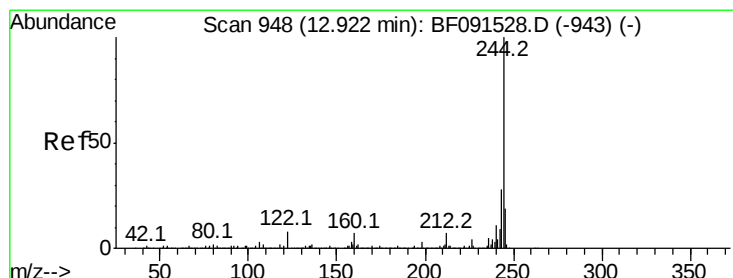
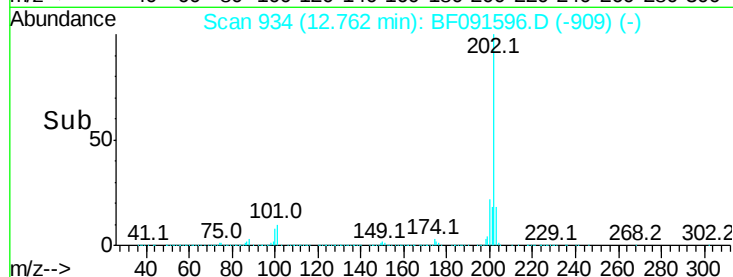
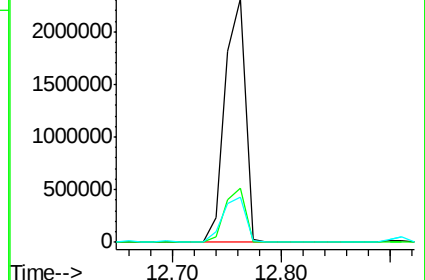
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.47 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

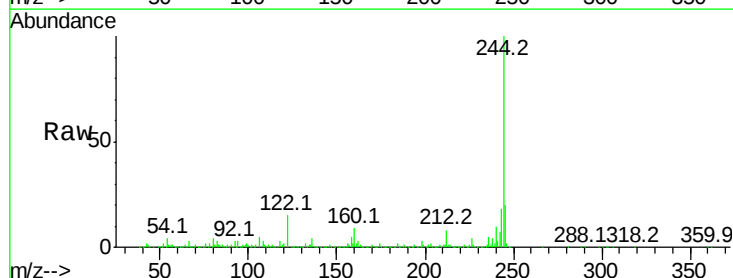
Tgt Ion:244 Resp: 2177138

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

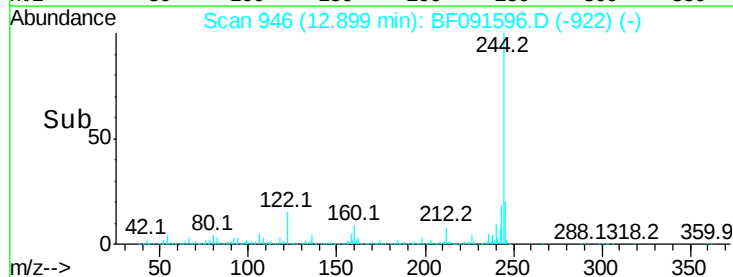
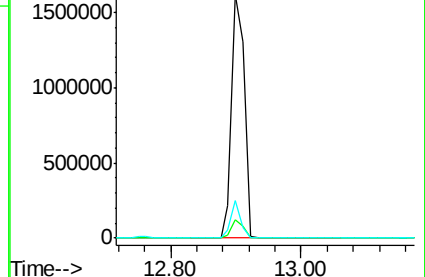
122 15.4 9.5 14.3#

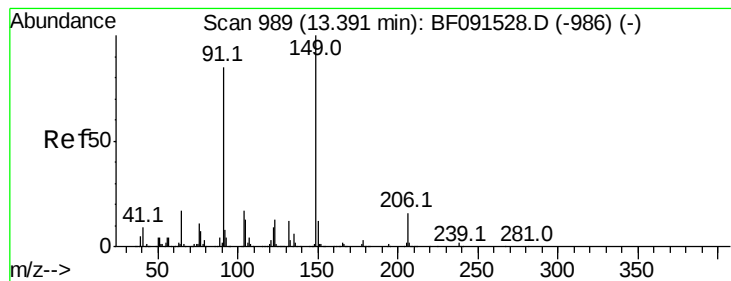


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 52.52 ng

RT: 13.38 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Instrument :

BNA_F

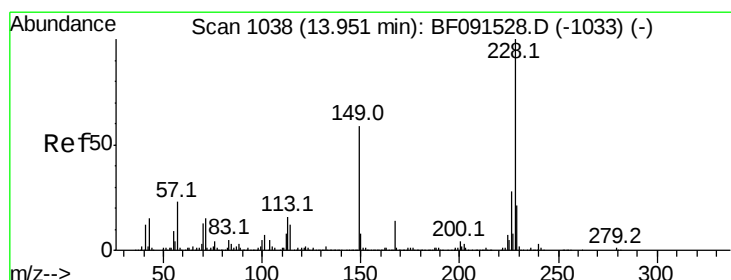
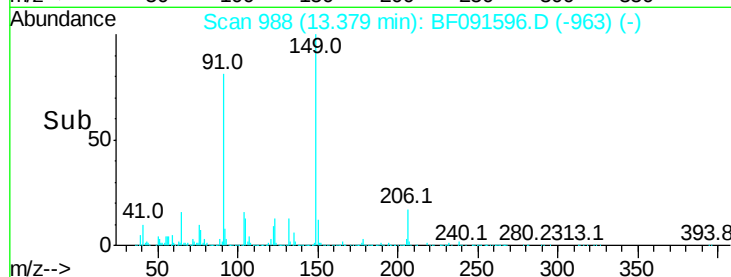
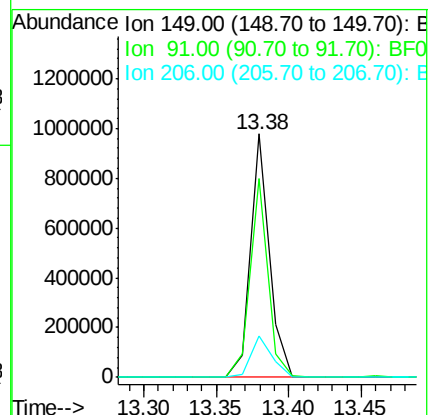
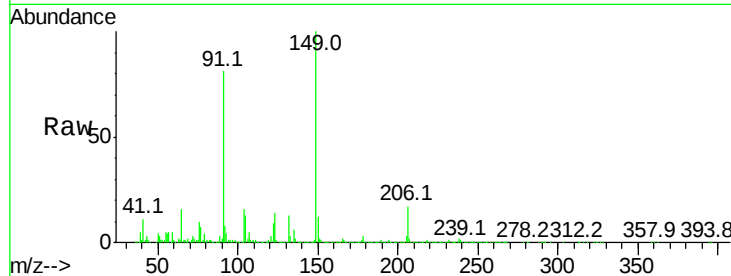
ClientSampleId :

WC-8-0-5MSD

Tot Ion:	149	Resp:	877174
Ion Ratio	Lower	Upper	
149	100		
91	81.4	57.4	86.2
206	16.9	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 56.80 ng

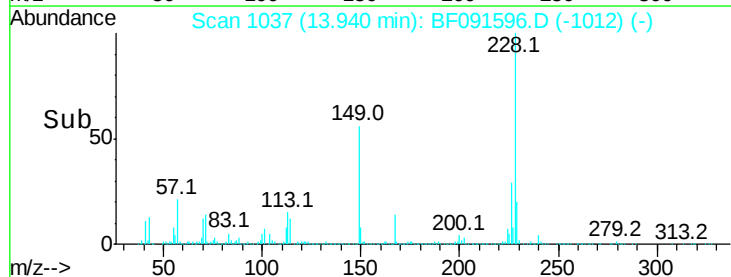
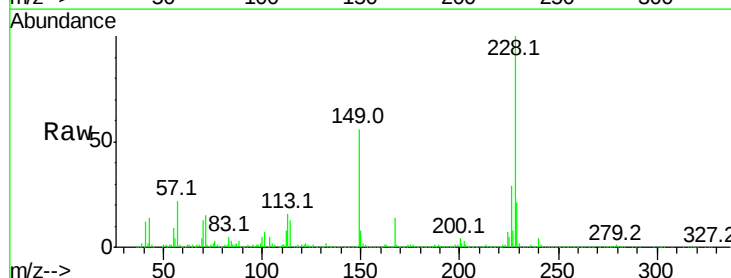
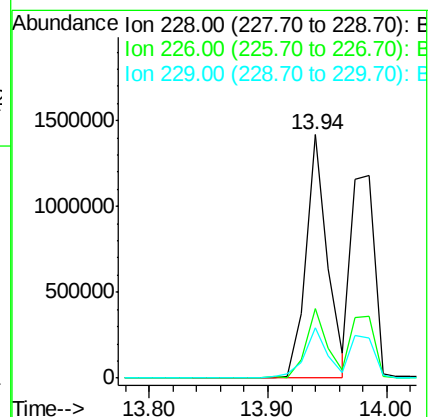
RT: 13.94 min Scan# 1037

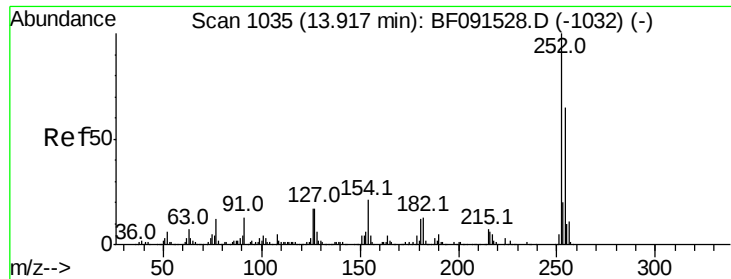
Delta R.T. -0.01 min

Lab File: BF091596.D

Acq: 14 Dec 2016 20:46

Tgt Ion:	228	Resp:	1781511
Ion Ratio	Lower	Upper	
228	100		
226	28.7	22.5	33.7
229	20.6	16.4	24.6





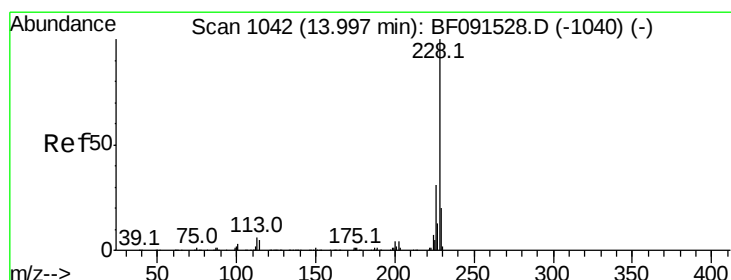
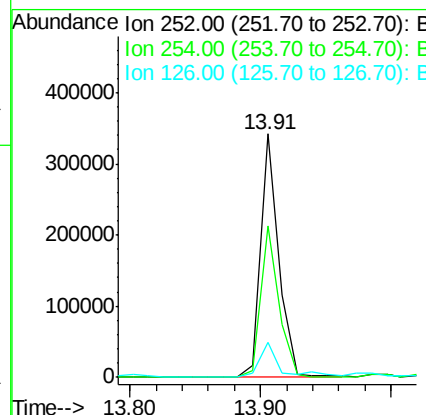
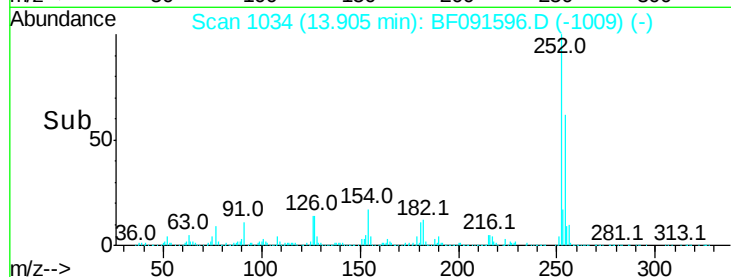
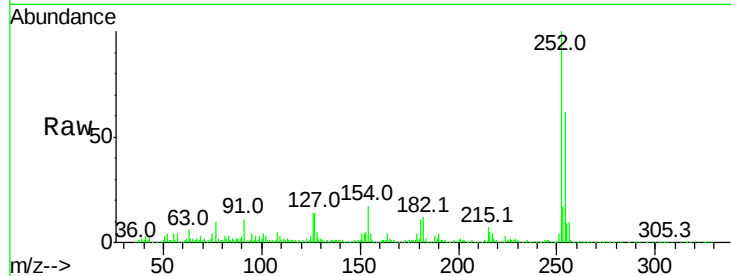
#81
 3,3'-Dichlorobenzidine
 Concen: 29.30 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	62.4	52.1	78.1	
126	14.3	7.5	11.3	

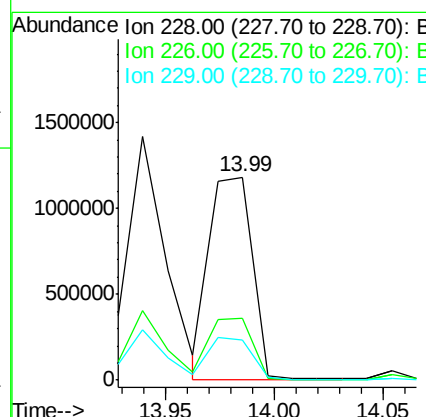
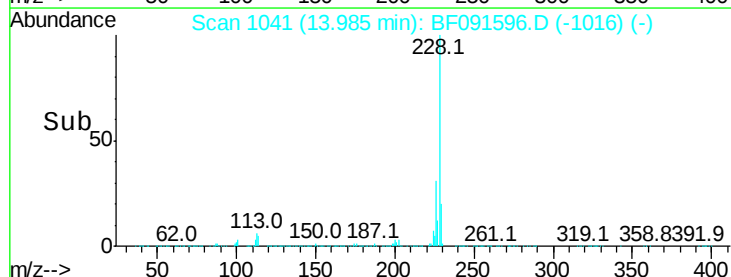
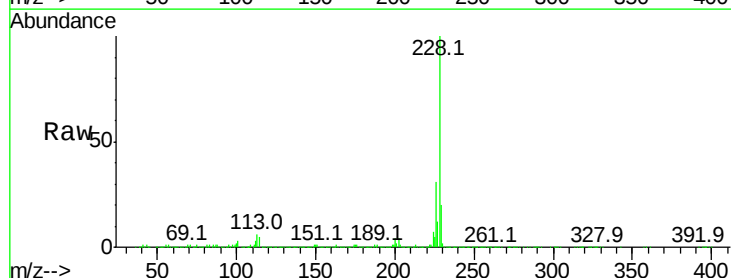
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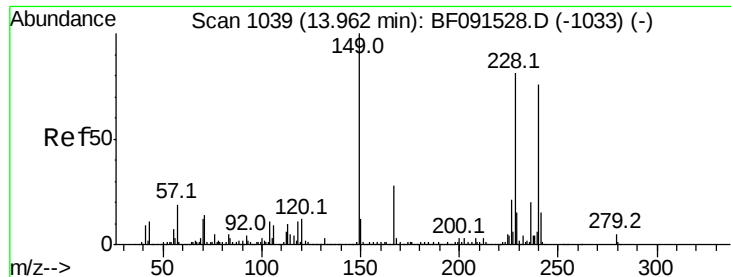
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#82
 Chrysene
 Concen: 49.75 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.7	25.0	37.4	
229	20.0	16.0	24.0	





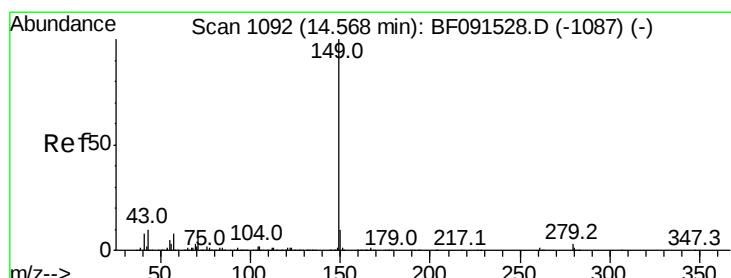
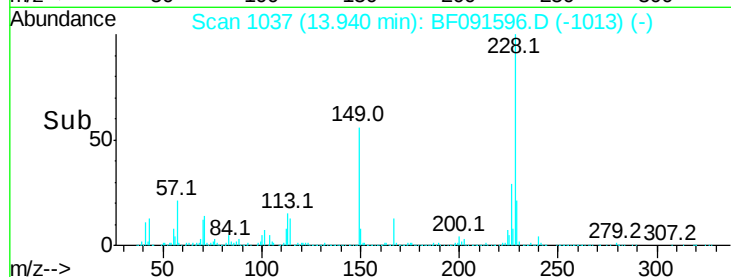
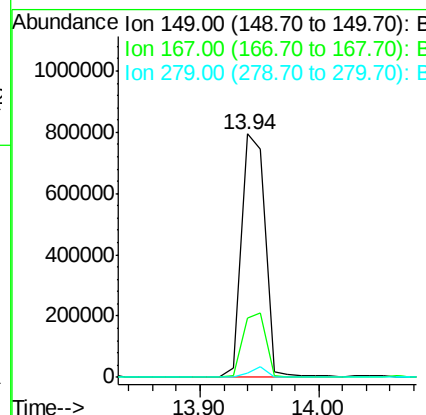
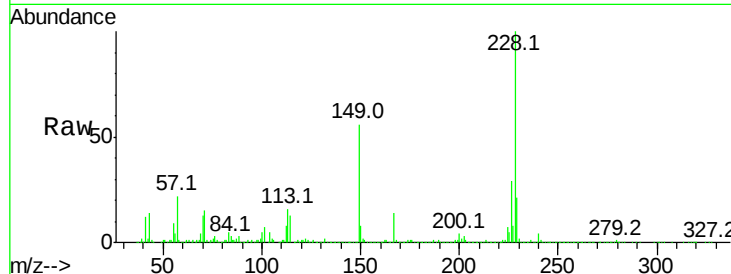
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.19 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion:149 Resp: 1096968
 Ion Ratio Lower Upper
 149 100
 167 24.2 19.6 29.4
 279 1.9 1.9 2.9#

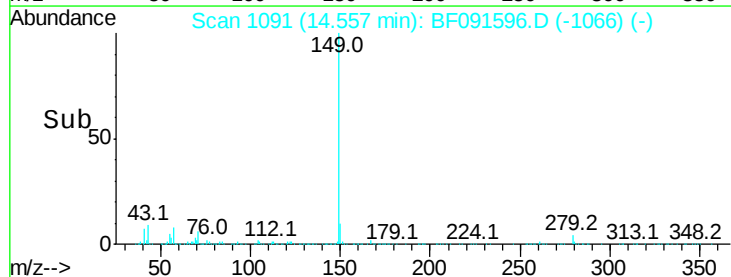
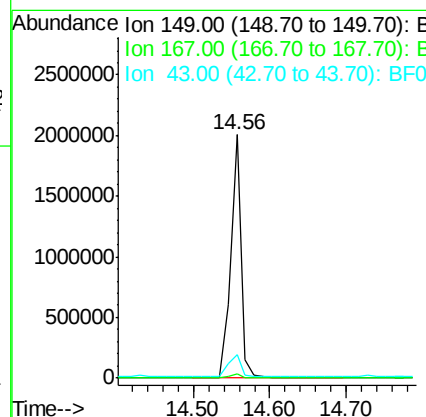
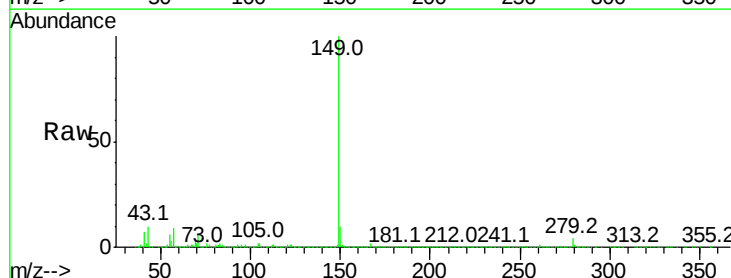
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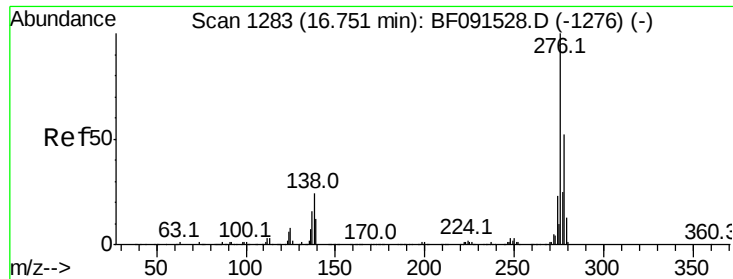
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#84
 Di-n-octyl phthalate
 Concen: 52.95 ng
 RT: 14.56 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Tgt Ion:149 Resp: 1925850
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.0 11.9 17.9#





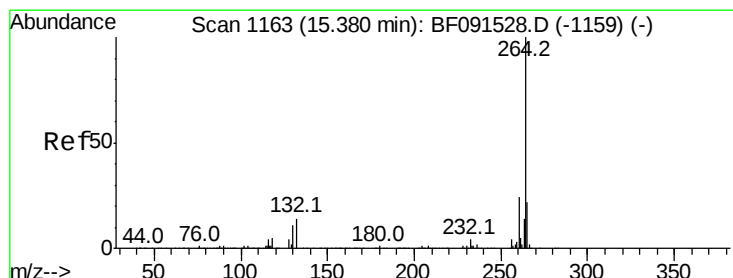
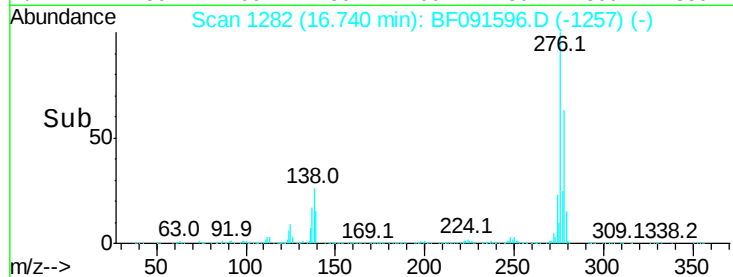
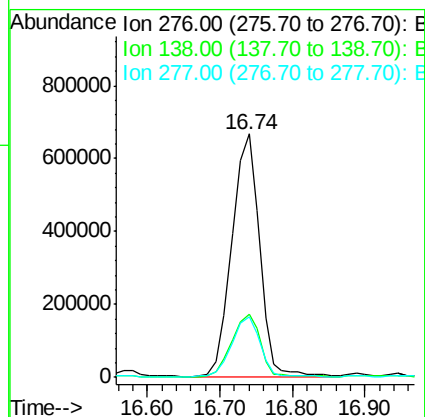
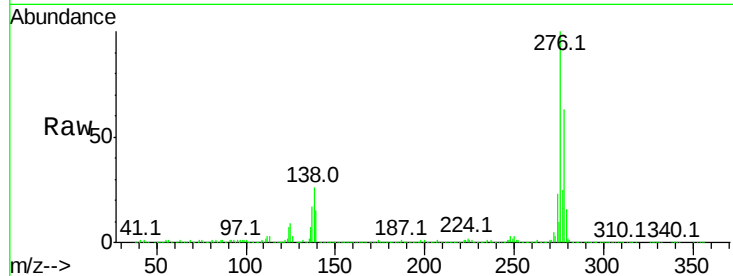
#85
Indeno(1,2,3-cd)pyrene
Concen: 60.03 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.0	31.4
277	25.3	20.2	30.2

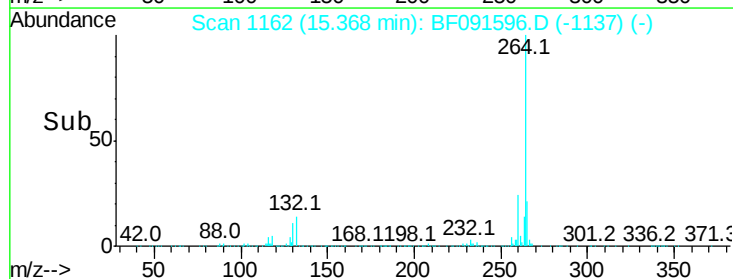
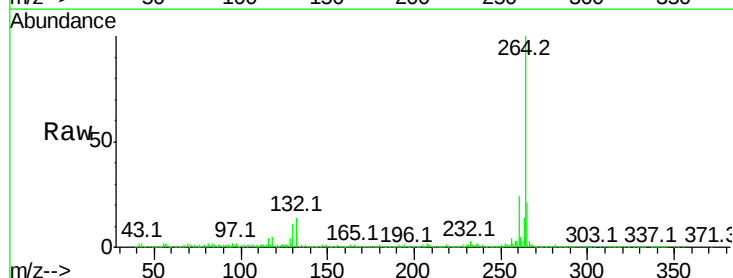
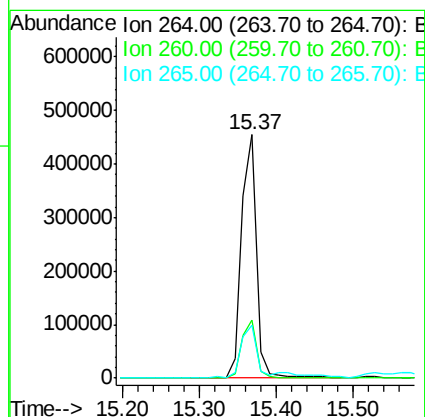
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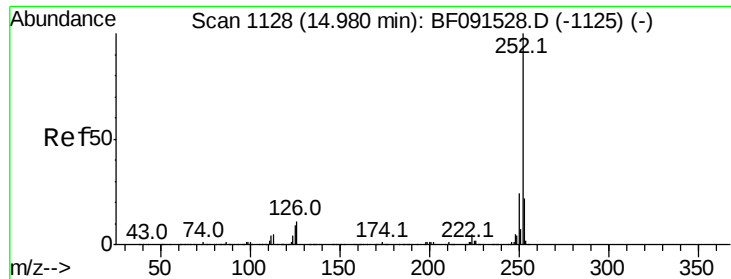
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.5	17.0	25.6





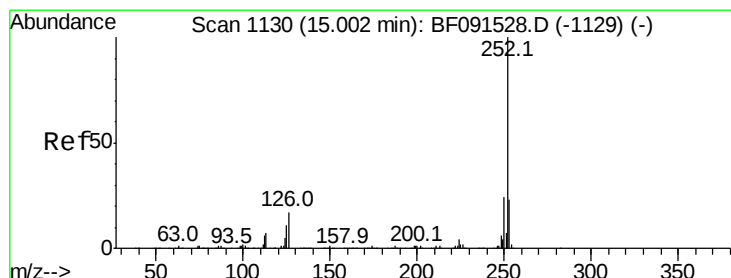
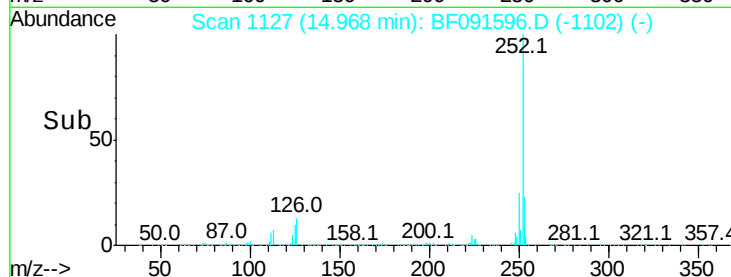
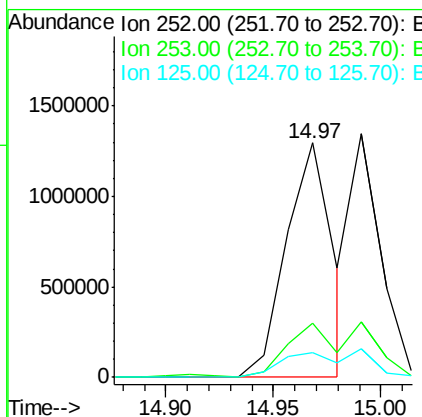
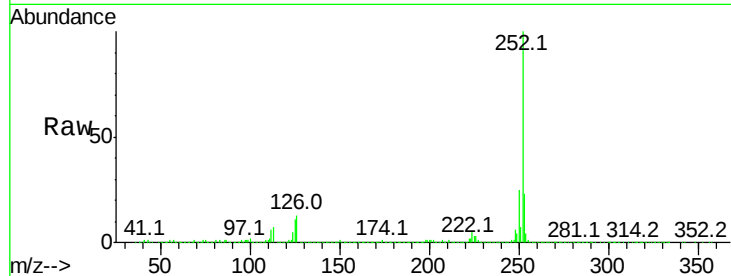
#87
Benzo(b)fluoranthene
Concen: 52.64 ng m
RT: 14.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion:252 Resp: 1950756
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 10.7 8.6 13.0

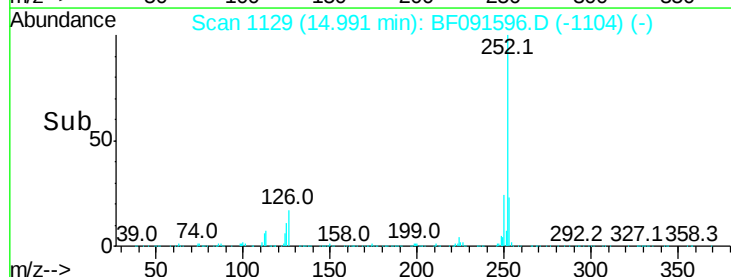
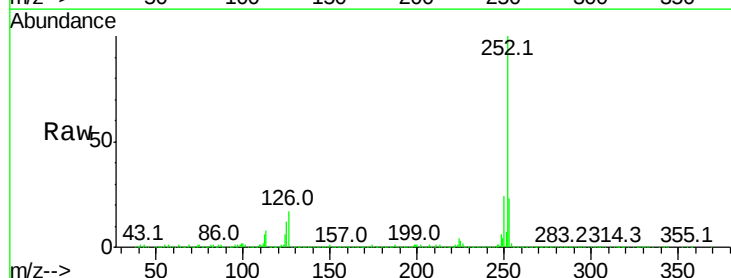
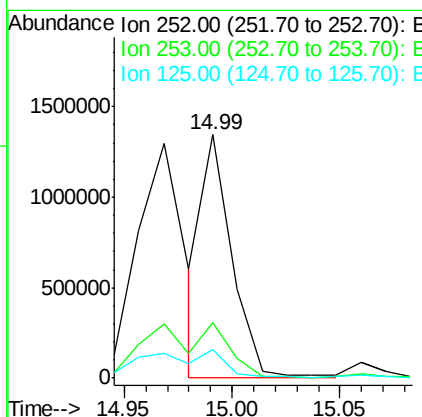
Manual Integrations
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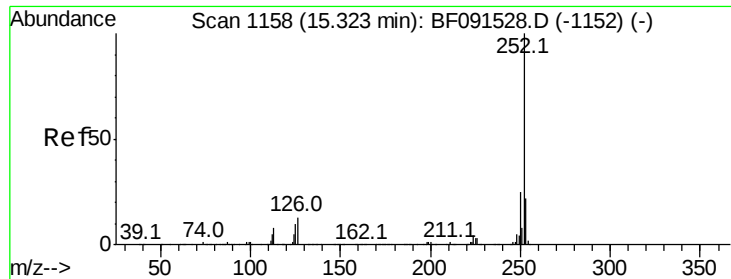
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#88
Benzo(k)fluoranthene
Concen: 40.46 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:252 Resp: 1318379
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 11.8 9.6 14.4





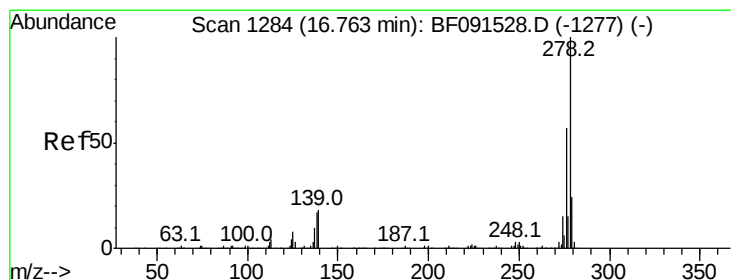
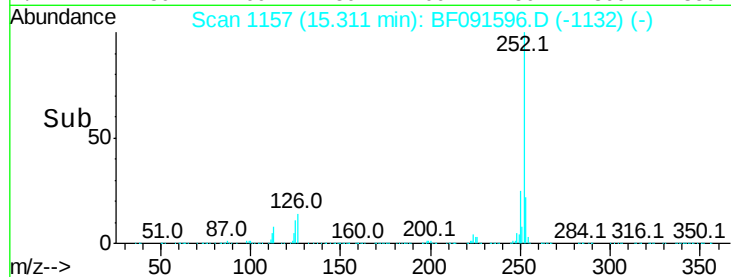
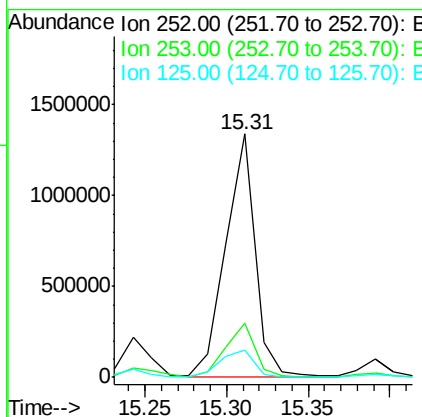
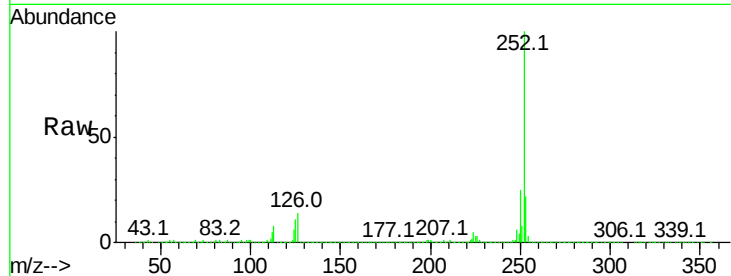
#89
Benzo(a)pyrene
Concen: 50.10 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Instrument :
BNA_F
ClientSampleId :
WC-8-0-5MSD

Tot Ion:252 Resp: 1672637
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.0 10.4 15.6

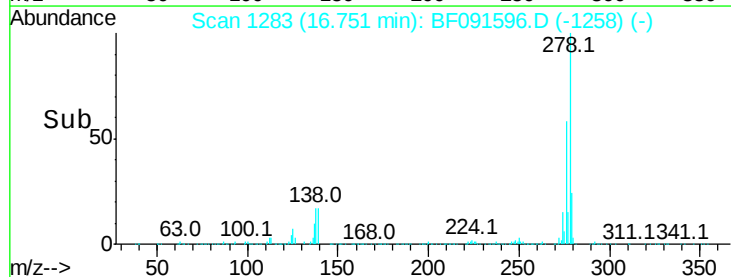
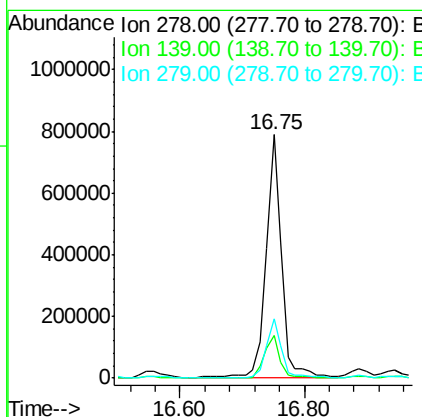
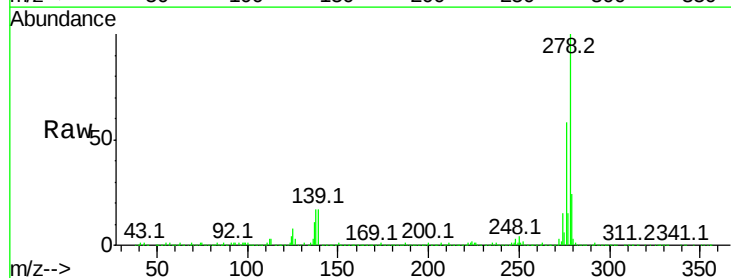
Manual Integrations
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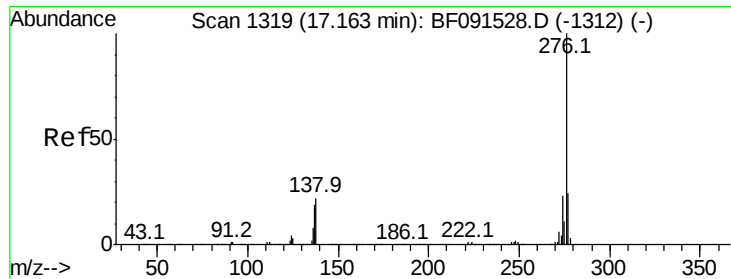
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#90
Dibenzo(a,h)anthracene
Concen: 45.70 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF091596.D
Acq: 14 Dec 2016 20:46

Tgt Ion:278 Resp: 1366801
Ion Ratio Lower Upper
278 100
139 17.4 15.1 22.7
279 24.1 19.0 28.6





#91
 Benzo(a,h,i)perylene
 Concen: 50.17 ng
 RT: 17.15 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF091596.D
 Acq: 14 Dec 2016 20:46

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-0-5MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	23.3	15.4	23.0

Manual Integrations
 APPROVED

sohil
 12/15/2016 5:40:23 PM

