

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010617\
 Data File : BF092118.D
 Acq On : 6 Jan 2017 15:47
 Operator : UM/SJ
 Sample : PB95795BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

Manual Integrations
 APPROVED

Sohil
 1/9/2017 10:47:40 AM

Quant Time: Jan 06 16:41:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	207769	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	807494	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	325445	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	501680	20.00	ng	0.00
75) Chrysene-d12	13.79	240	360128	20.00	ng	0.00
86) Perylene-d12	15.15	264	295491	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1386343	111.41	ng	0.01
7) Phenol-d6	6.31	99	1674444	110.22	ng	0.00
23) Nitrobenzene-d5	7.21	82	1158978	79.81	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	306702	113.88	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1326817	83.27	ng	0.00
78) Terphenyl-d14	12.75	244	1463986	98.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	210874	34.42	ng	# 93
3) Pyridine	2.81	79	631059	29.52	ng	99
4) n-Nitrosodimethylamine	2.78	42	250703	31.08	ng	95
6) Aniline	6.31	93	368725	18.69	ng	# 85
8) 2-Chlorophenol	6.44	128	517332	36.55	ng	85
9) Benzaldehyde	6.18	77	40429	3.34	ng	98
10) Phenol	6.32	94	750310	43.34	ng	# 68
11) bis(2-Chloroethyl)ether	6.39	93	537918	39.05	ng	91
12) 1,3-Dichlorobenzene	6.58	146	582129	38.53	ng	99
13) 1,4-Dichlorobenzene	6.65	146	583799	37.96	ng	100
14) 1,2-Dichlorobenzene	6.81	146	503188	37.71	ng	97
15) Benzyl Alcohol	6.80	79	433962	36.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	715317	34.87	ng	92
17) 2-Methylphenol	6.93	107	423094	37.17	ng	95
18) Hexachloroethane	7.16	117	189375	33.21	ng	91
19) n-Nitroso-di-n-propylamine	7.06	70	360444	35.66	ng	99
20) 3+4-Methylphenols	7.09	107	562930	41.46	ng	# 71
22) Acetophenone	7.06	105	731848	36.74	ng	# 88
24) Nitrobenzene	7.24	77	639053	41.32	ng	# 85
25) Isophorone	7.48	82	1137336	42.45	ng	99
26) 2-Nitrophenol	7.54	139	301454	39.52	ng	94
27) 2,4-Dimethylphenol	7.60	122	468091	37.00	ng	99
28) bis(2-Chloroethoxy)methane	7.69	93	728622	44.85	ng	100
29) 2,4-Dichlorophenol	7.80	162	439409	41.02	ng	87
30) 1,2,4-Trichlorobenzene	7.88	180	474251	40.40	ng	98
31) Naphthalene	7.96	128	1527525	41.33	ng	98
32) Benzoic acid	7.75	122	353761	37.70	ng	99
33) 4-Chloroaniline	8.01	127	223862	13.43	ng	# 92
34) Hexachlorobutadiene	8.07	225	234109	37.78	ng	99
35) Caprolactam	8.38	113	135847m	38.59	ng	
36) 4-Chloro-3-methylphenol	8.52	107	462528	37.52	ng	89
37) 2-Methylnaphthalene	8.64	142	913959	38.89	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	375092	45.62	ng	99
40) Hexachlorocyclopentadiene	8.80	237	339221	92.01	ng	98

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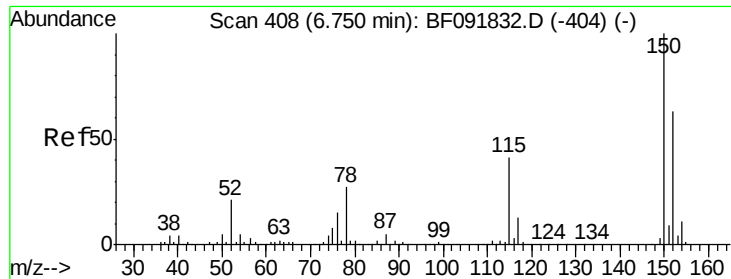
Manual Integrations
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Sohil
 1/9/2017 10:47:40 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	218268	37.96	nq	97
43) 2,4,5-Trichlorophenol	8.97	196	207877	35.13	nq	# 91
45) 1,1'-Biphenyl	9.11	154	954966	42.86	nq	98
46) 2-Chloronaphthalene	9.13	162	693546	39.30	nq	97
47) 2-Nitroaniline	9.24	65	249495	39.71	nq	# 84
48) Acenaphthylene	9.54	152	1161133	42.78	nq	98
49) Dimethylphthalate	9.42	163	875590	42.07	nq	100
50) 2,6-Dinitrotoluene	9.48	165	175125	38.44	nq	# 74
51) Acenaphthene	9.72	154	726847	39.50	nq	98
52) 3-Nitroaniline	9.65	138	113060	20.05	nq	# 78
53) 2,4-Dinitrophenol	9.76	184	165178	65.16	nq	98
54) Dibenzofuran	9.89	168	970066	39.04	nq	97
55) 4-Nitrophenol	9.83	139	232138	60.64	nq	92
56) 2,4-Dinitrotoluene	9.88	165	216721	37.90	nq	# 69
57) Fluorene	10.23	166	716490	39.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	197407	42.18	nq	94
59) Diethylphthalate	10.12	149	797195	39.44	nq	98
60) 4-Chlorophenyl-phenylether	10.22	204	294050	37.15	nq	98
61) 4-Nitroaniline	10.26	138	186334	31.89	nq	86
62) Azobenzene	10.38	77	864760	38.85	nq	99
64) 4,6-Dinitro-2-methylphenol	10.29	198	109776	36.19	nq	# 55
65) n-Nitrosodiphenylamine	10.34	169	623107	41.86	nq	99
66) 4-Bromophenyl-phenylether	10.71	248	208926	40.03	nq	# 89
67) Hexachlorobenzene	10.77	284	205289	36.80	nq	# 78
68) Atrazine	10.88	200	213764	44.52	nq	94
69) Pentachlorophenol	10.97	266	203100	74.20	nq	99
70) Phenanthrene	11.18	178	1010882	37.16	nq	98
71) Anthracene	11.24	178	1136936	48.38	nq	97
72) Carbazole	11.40	167	1050574	48.66	nq	98
73) Di-n-butylphthalate	11.73	149	1150166	44.58	nq	99
74) Fluoranthene	12.36	202	1078763	45.22	nq	99
76) Benzidine	12.49	184	404136	43.82	nq	97
77) Pyrene	12.59	202	1023967	38.75	nq	99
79) Butylbenzylphthalate	13.23	149	516904	43.01	nq	# 78
80) Benzo(a)anthracene	13.77	228	903469	44.44	nq	99
81) 3,3'-Dichlorobenzidine	13.74	252	146061	18.95	nq	99
82) Chrysene	13.81	228	742187	36.40	nq	99
83) Bis(2-ethylhexyl)phthalate	13.79	149	627615	44.35	nq	99
84) Di-n-octyl phthalate	14.39	149	1025128	39.10	nq	100
85) Indeno(1,2,3-cd)pyrene	16.43	276	735837	41.66	nq	99
87) Benzo(b)fluoranthene	14.78	252	801077m	43.54	nq	
88) Benzo(k)fluoranthene	14.80	252	639026m	40.73	nq	
89) Benzo(a)pyrene	15.10	252	657086	40.24	nq	# 96
90) Dibenzo(a,h)anthracene	16.43	278	615421	45.85	nq	99
91) Benzo(g,h,i)perylene	16.80	276	617259	44.23	nq	99

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



#1

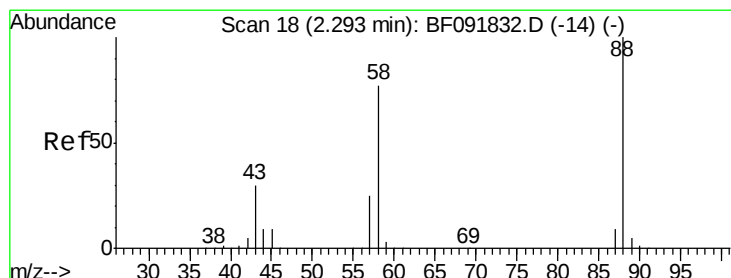
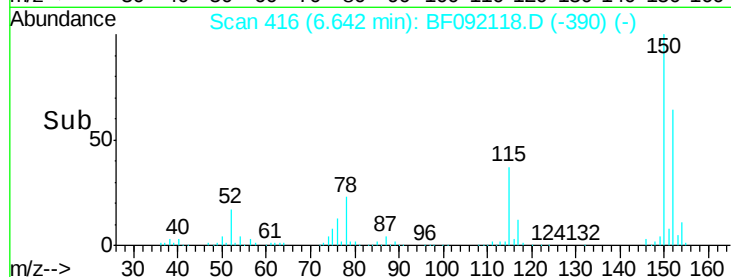
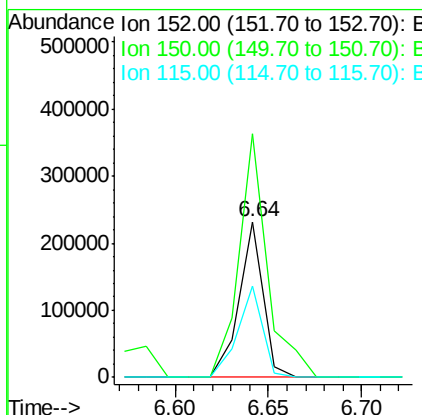
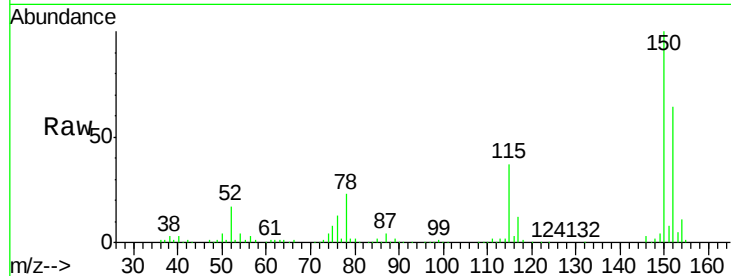
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	58.6	46.0	69.0

Manual Integrations
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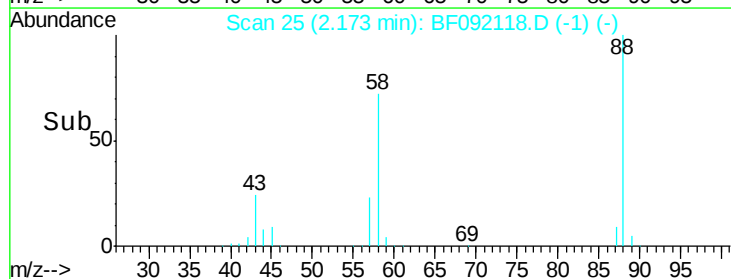
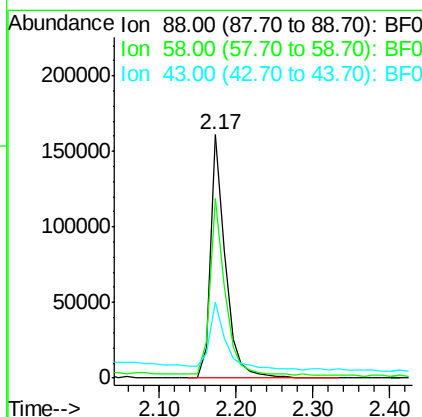
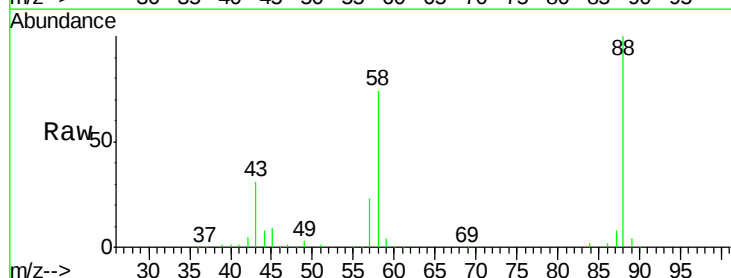
Sohil
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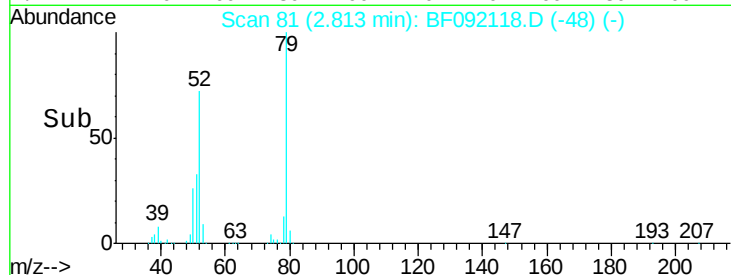
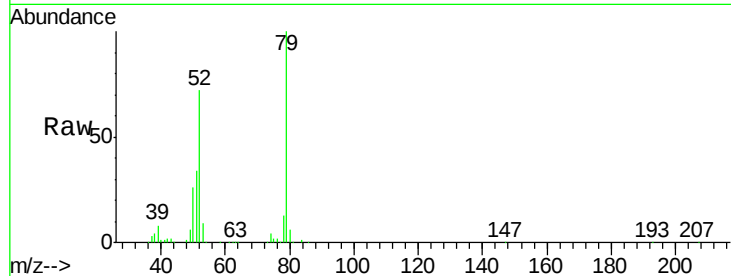
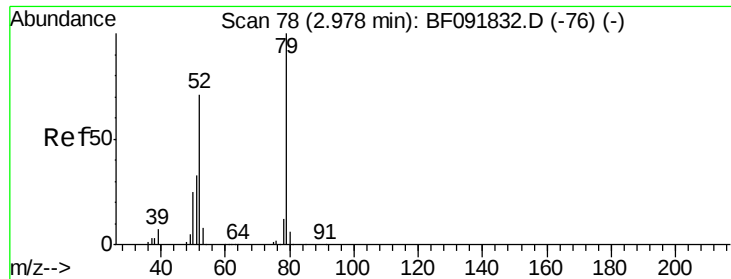


#2

1,4-Dioxane
Concen: 34.42 ng
RT: 2.17 min Scan# 25
Delta R.T. 0.09 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	57.8	86.8
43	34.8	22.3	33.5





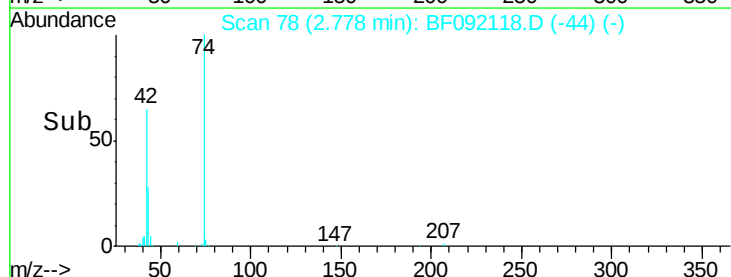
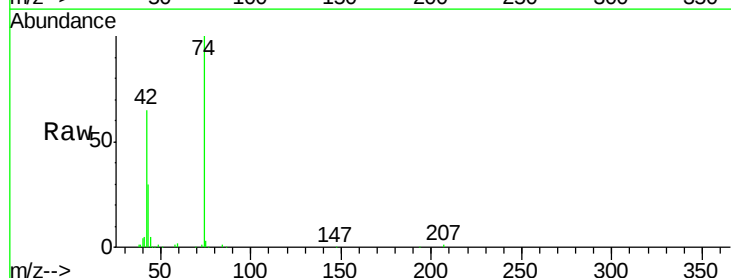
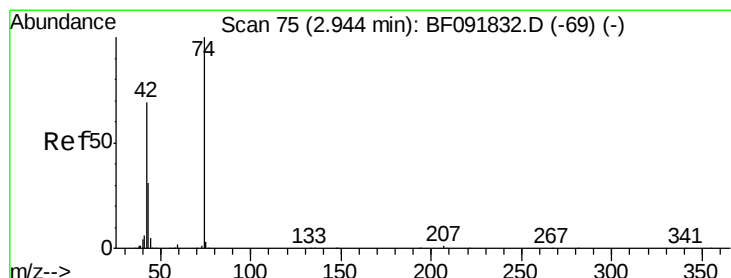
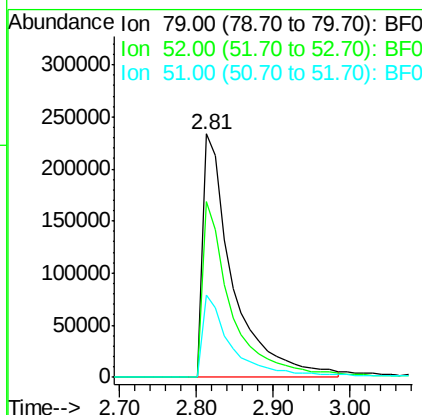
#3
 Pvridine
 Concen: 29.52 ng
 RT: 2.81 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.3	57.1	85.7
51	33.6	27.3	40.9

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

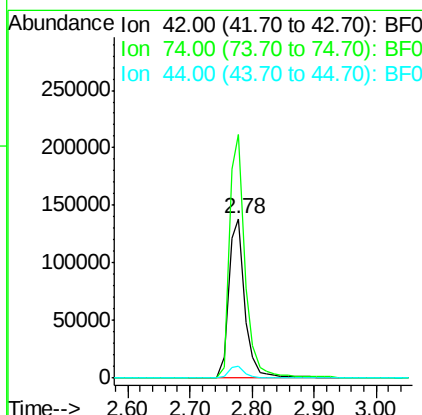
Manual Integrations
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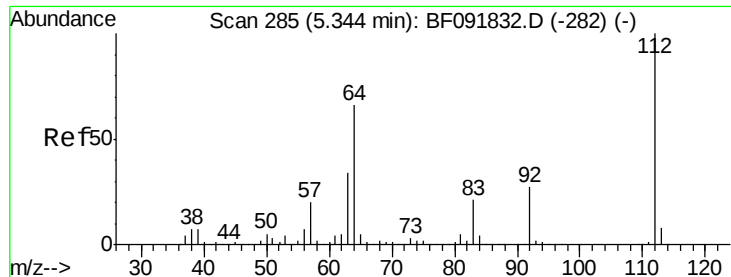
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#4
 n-Nitrosodimethylamine
 Concen: 31.08 ng
 RT: 2.78 min Scan# 78
 Delta R.T. 0.09 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.7	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 111.41 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB95795BS

Tot Ion: 112 Resp: 1386343

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

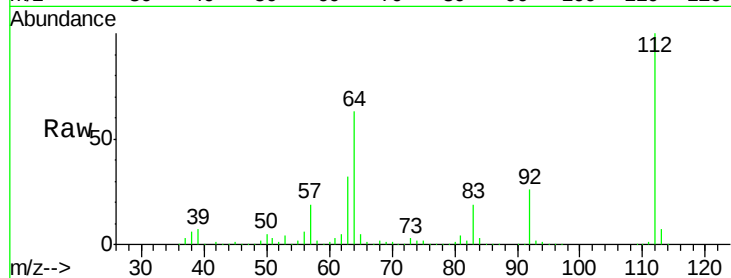
63 32.0 23.8 35.6

Manual Integrations

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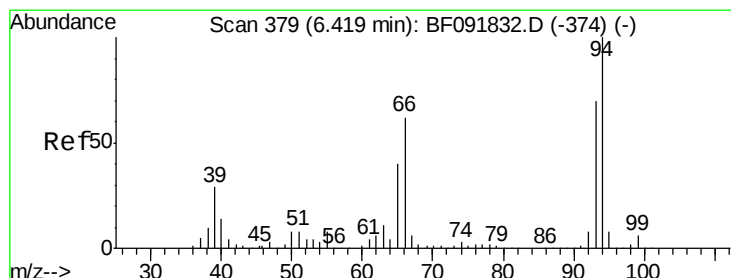
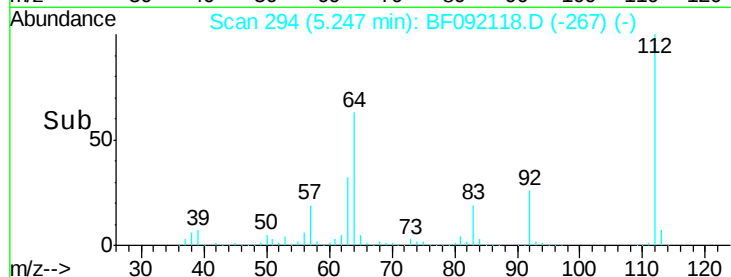
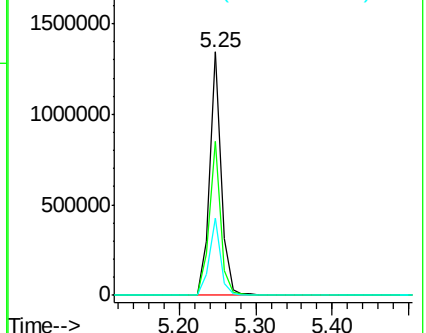
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.69 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

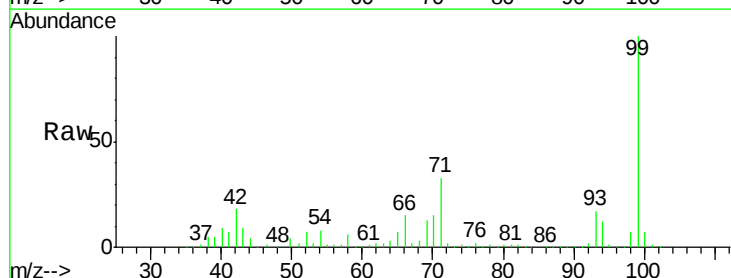
Tgt Ion: 93 Resp: 368725

Ion Ratio Lower Upper

93 100

66 87.1 76.2 114.2

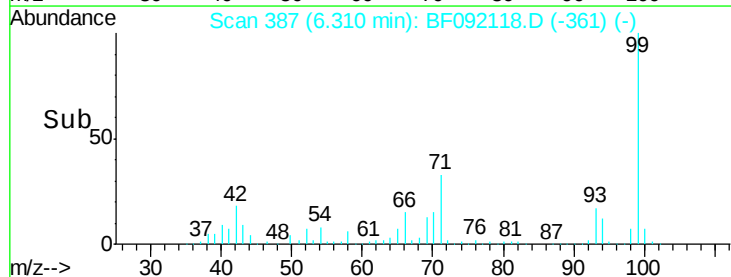
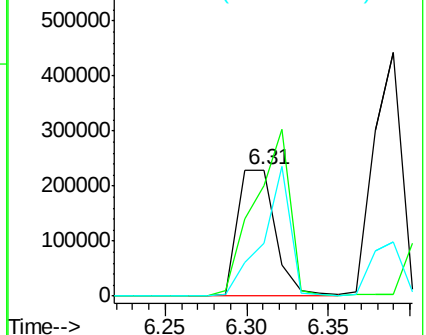
65 41.7 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.22 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB95795BS

Tot Ion: 99 Resp: 1674444

Ion Ratio Lower Upper

99 100

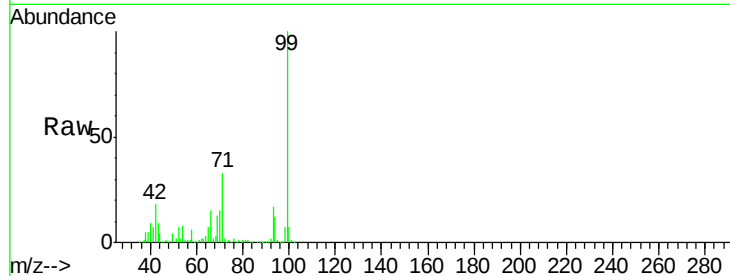
42 18.0 15.6 23.4

71 32.7 27.5 41.3

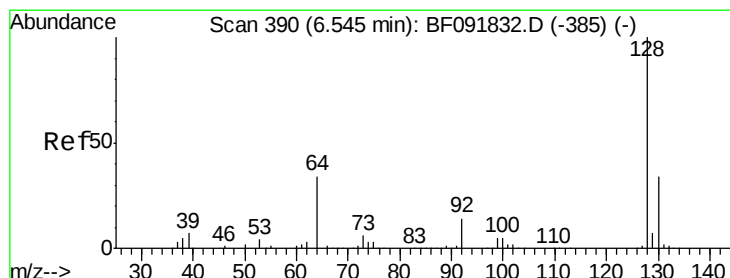
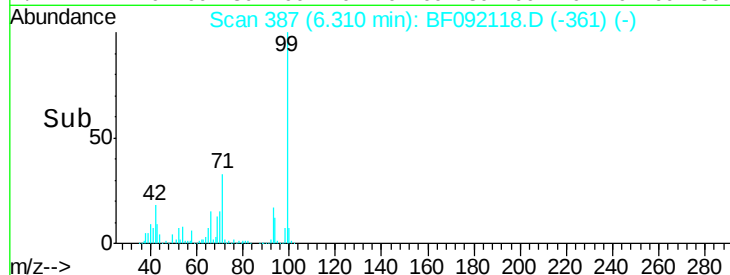
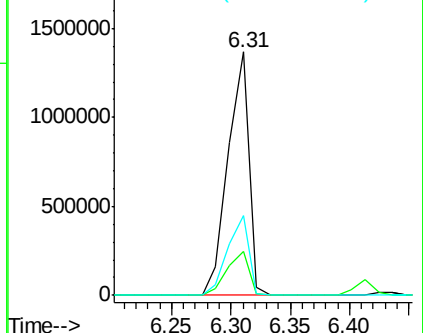
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.55 ng

RT: 6.44 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

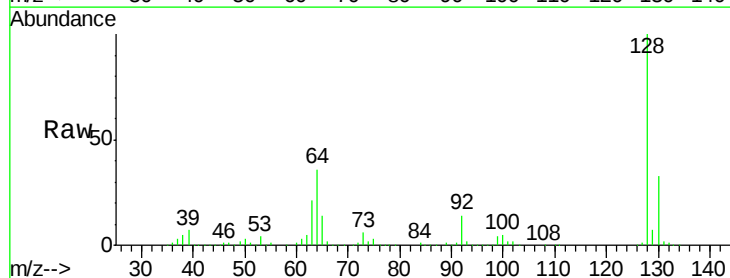
Tgt Ion:128 Resp: 517332

Ion Ratio Lower Upper

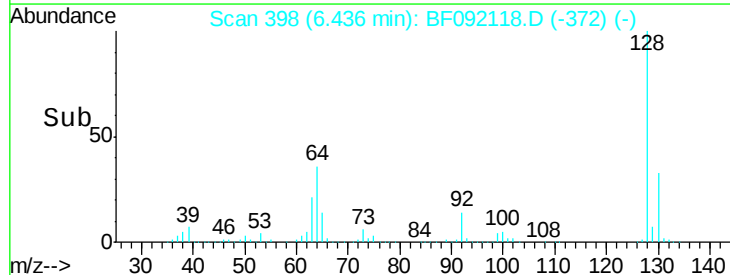
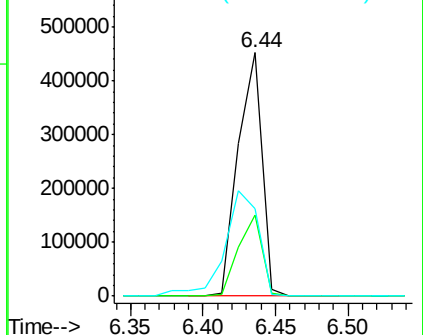
128 100

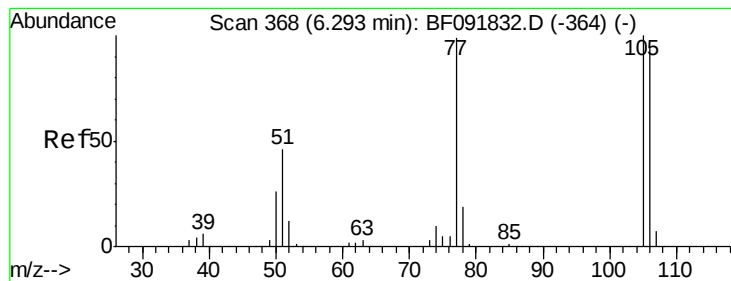
130 33.5 12.3 52.3

64 36.1 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.34 ng

RT: 6.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

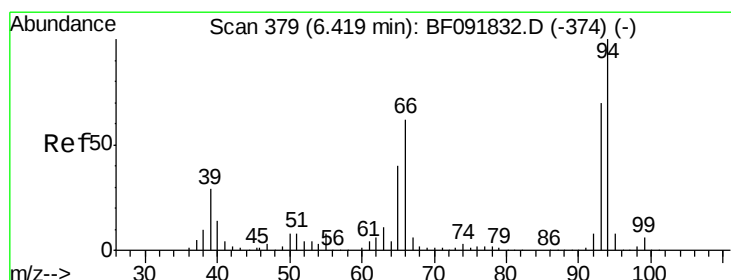
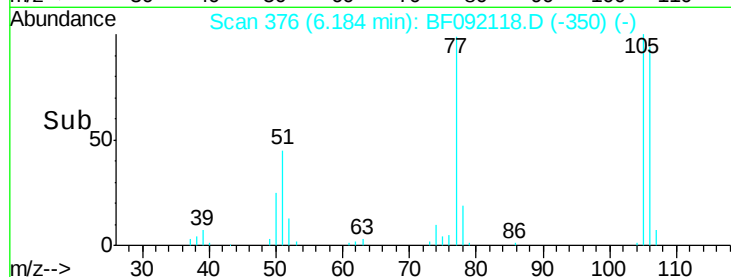
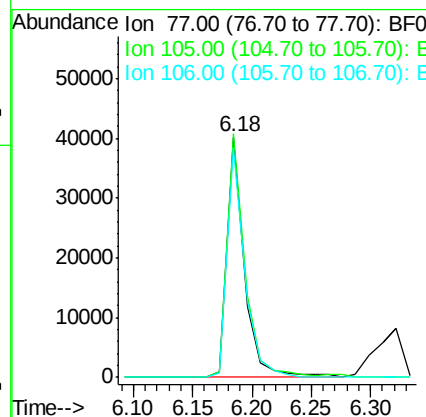
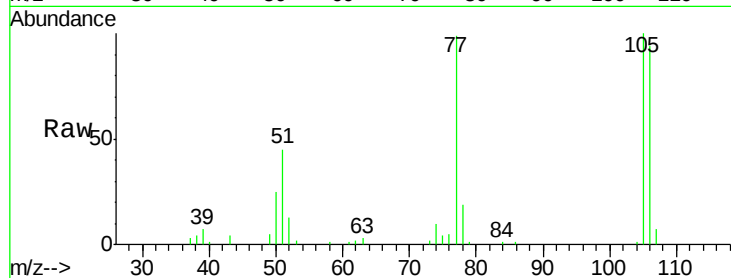
ClientSampleID :

PB95795BS

Tot Ion:	77	Resp:	40429
Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.9	123.9
106	95.7	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 43.34 ng

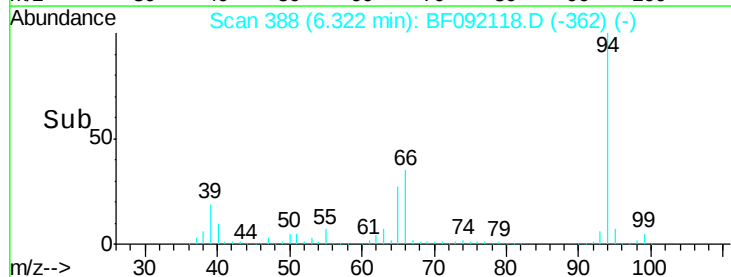
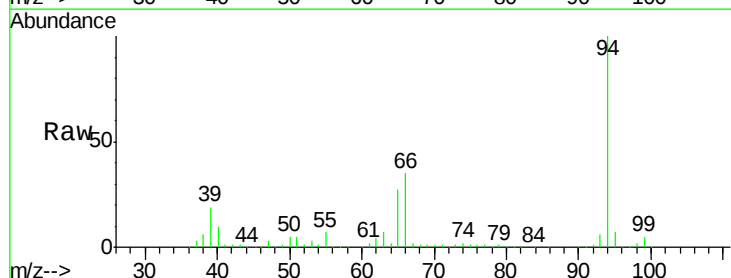
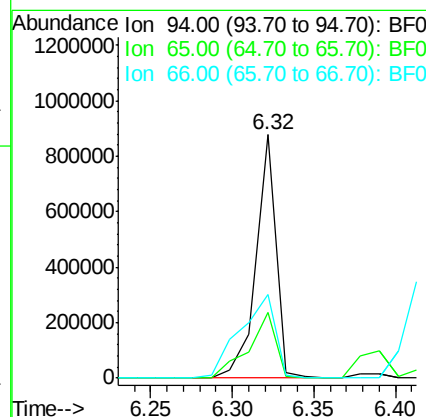
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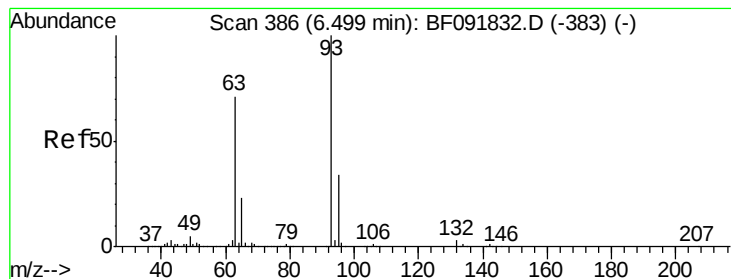
Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Tgt Ion:	94	Resp:	750310
Ion	Ratio	Lower	Upper
94	100		
65	26.7	21.4	61.4
66	34.5	44.0	84.0#





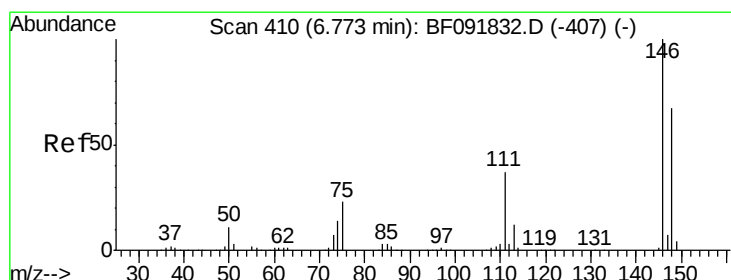
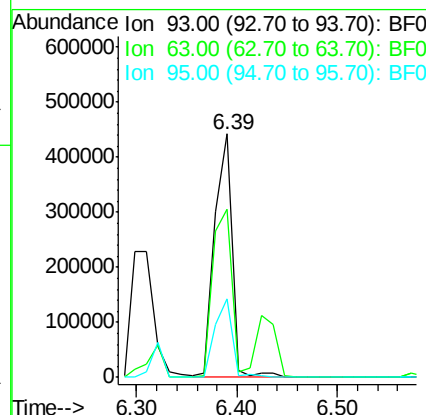
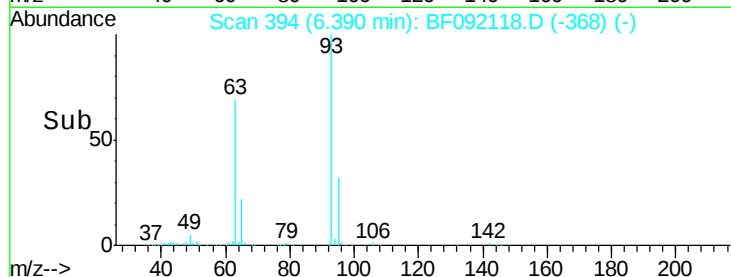
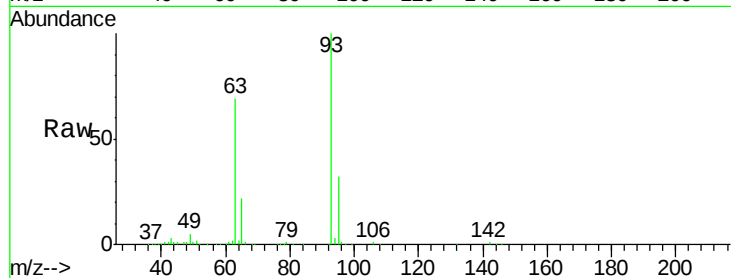
#11
bis(2-Chloroethyl)ether
Concen: 39.05 ng
RT: 6.39 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	537918		
63	69.1	60.4	100.4	
95	32.3	12.8	52.8	

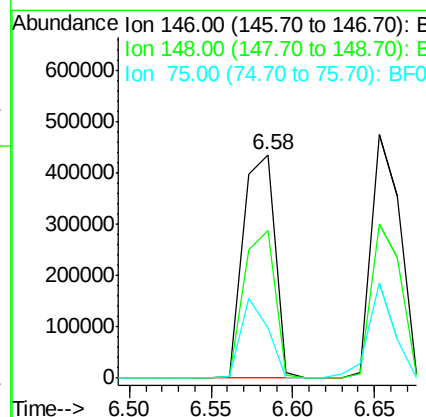
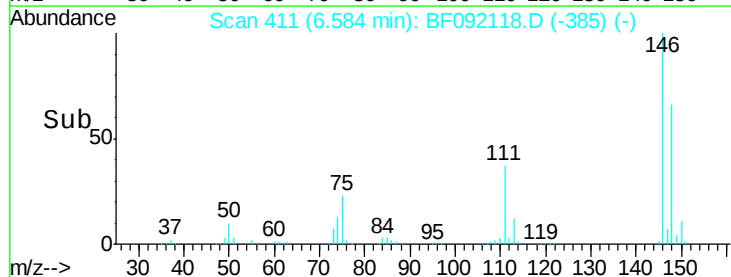
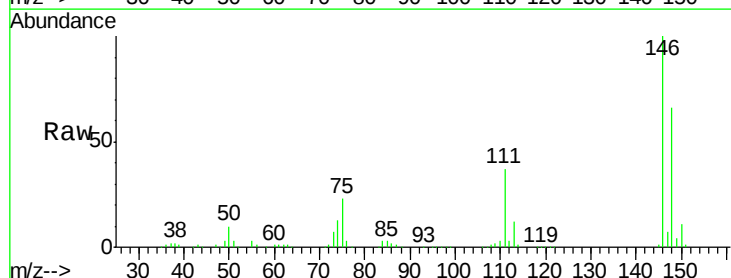
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#12
1,3-Dichlorobenzene
Concen: 38.53 ng
RT: 6.58 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	582129		
148	66.1	53.4	80.0	
75	22.6	18.5	27.7	





#13

1,4-Dichlorobenzene

Concen: 37.96 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

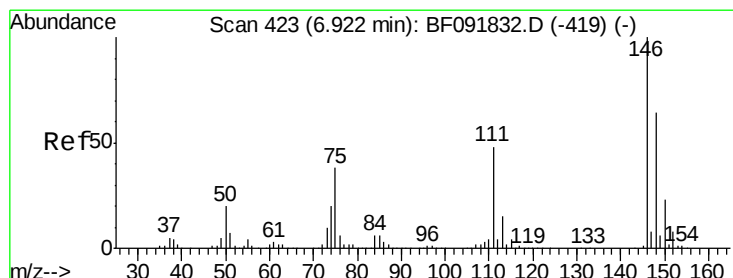
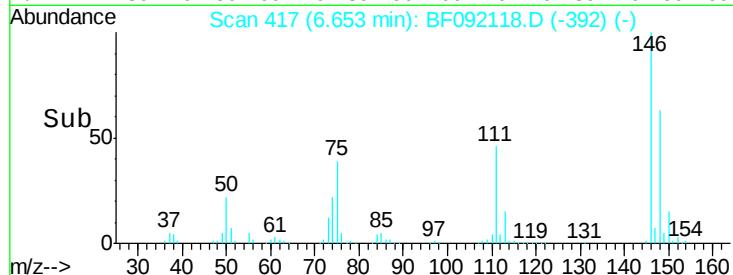
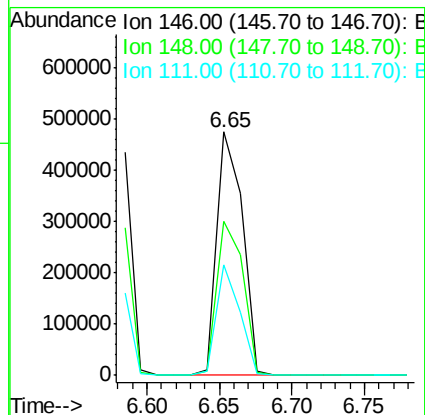
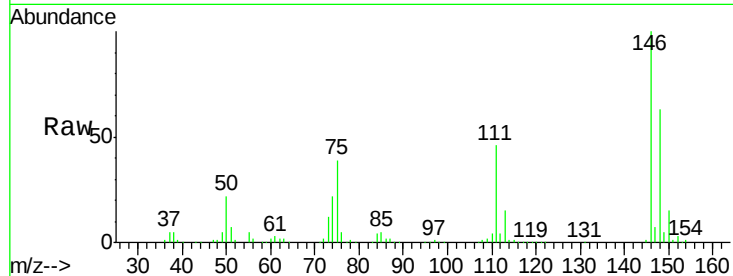
ClientSampleId :

PB95795BS

Tot Ion:	146	Resp:	583799
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	76.0
111	45.5	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 37.71 ng

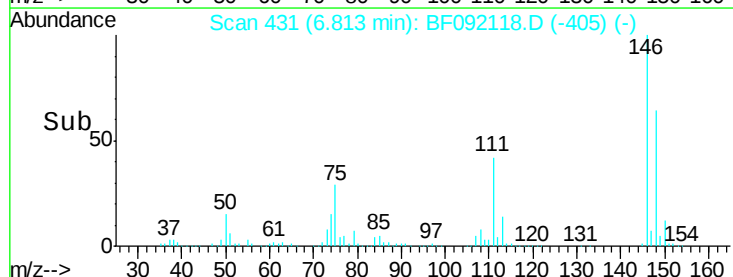
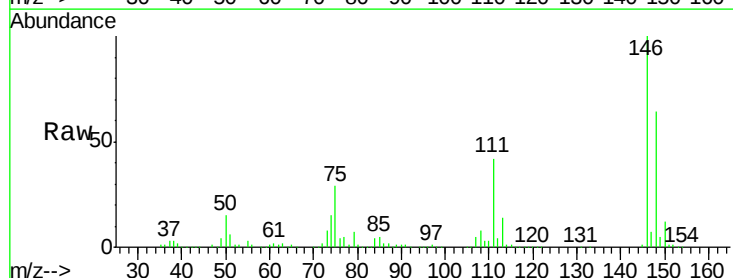
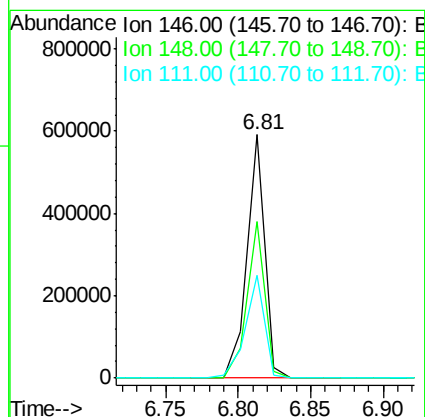
RT: 6.81 min Scan# 431

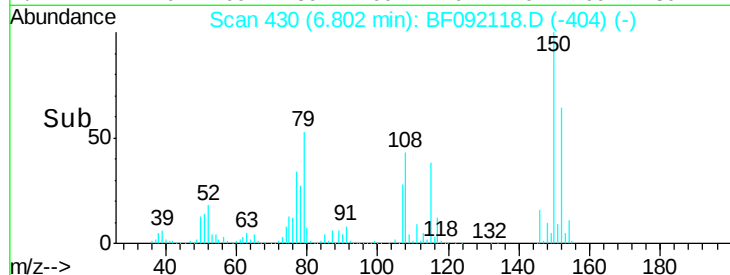
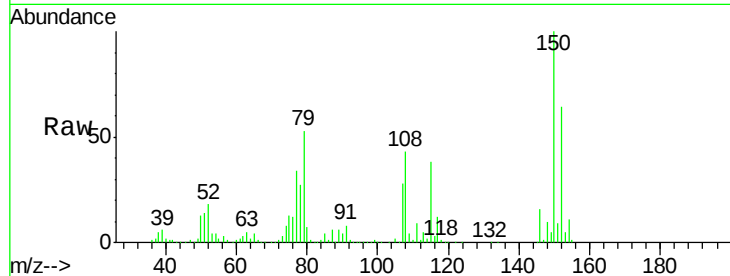
Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Tgt Ion:	146	Resp:	503188
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.2	78.2
111	42.1	36.2	54.2





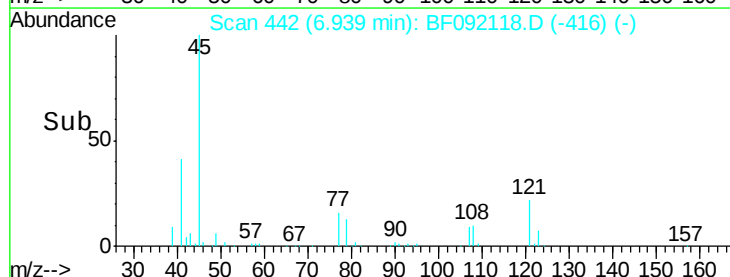
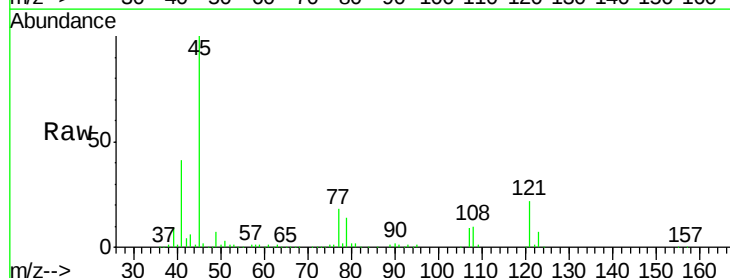
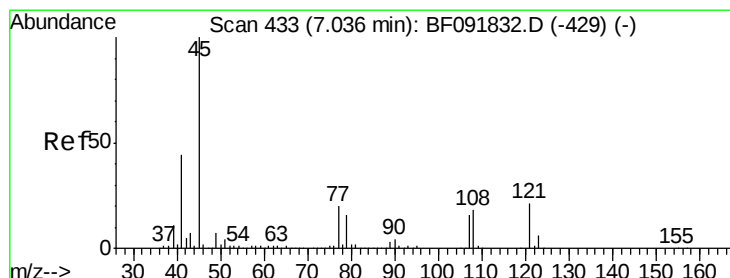
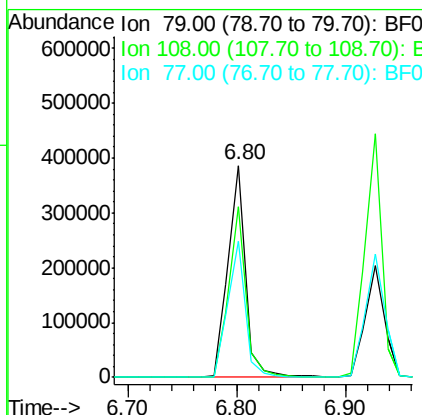
#15
Benzyl Alcohol
Concen: 36.76 ng
RT: 6.80 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.8	61.4	92.0	
77	64.2	50.9	76.3	

Instrument :
BNA_F
ClientSampled :
PB95795BS

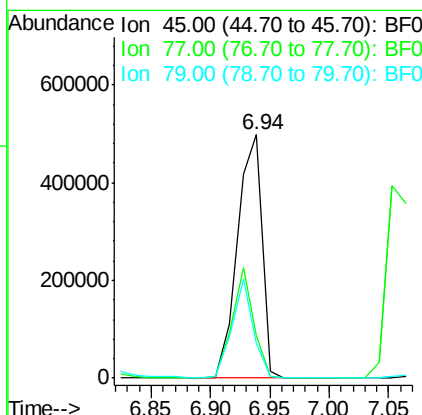
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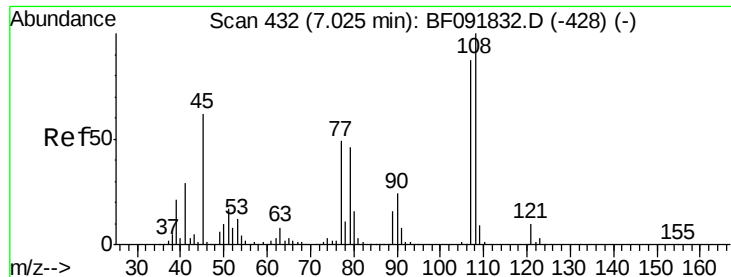
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.87 ng
RT: 6.94 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.6	0.0	34.6	
79	14.4	0.0	31.2	





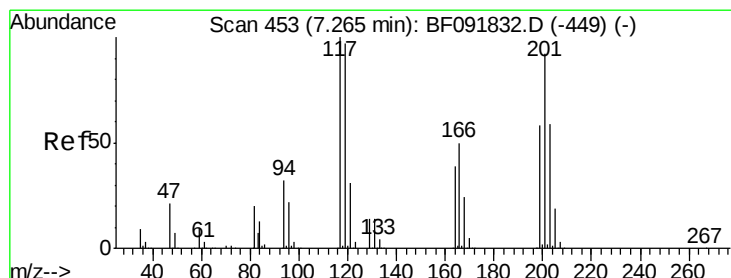
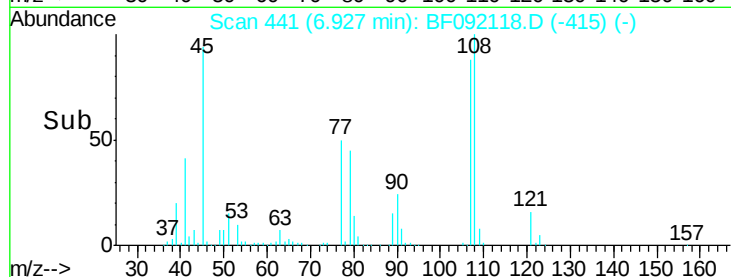
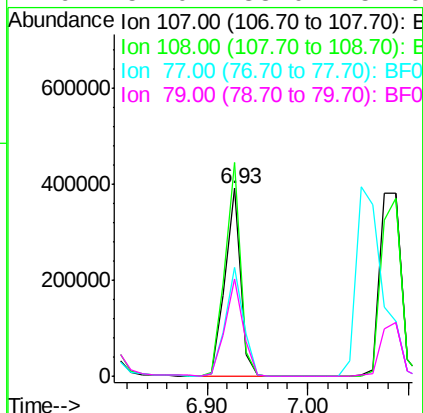
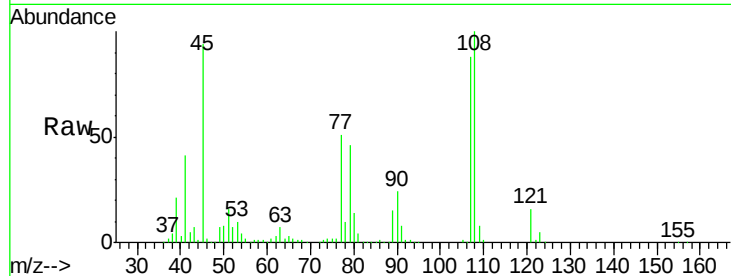
#17
2-Methylphenol
Concen: 37.17 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	93.0	139.6	
77	57.9	39.8	59.8	
79	52.0	38.0	57.0	

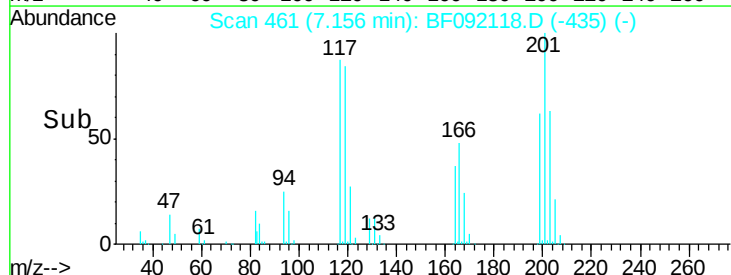
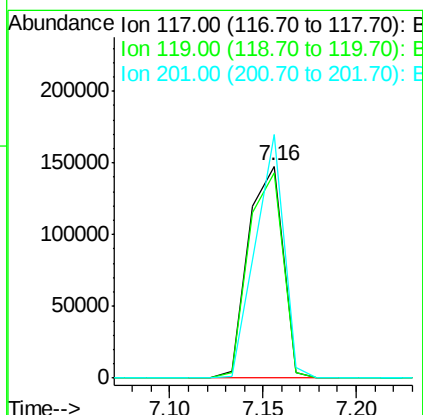
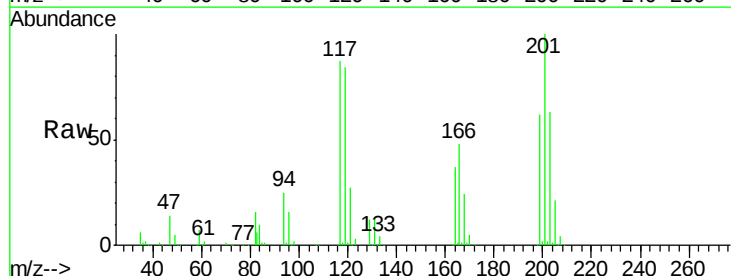
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#18
Hexachloroethane
Concen: 33.21 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	78.1	117.1	
201	114.7	78.6	117.8	





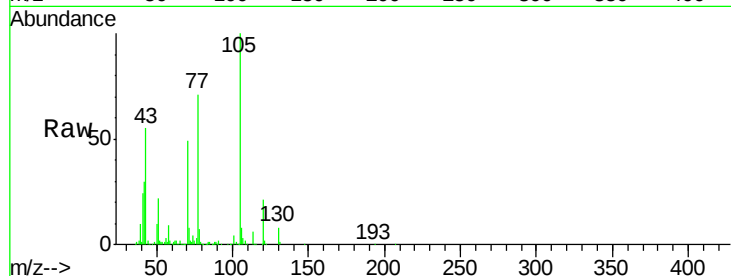
#19
n-Nitroso-di-n-propylamine
Concen: 35.66 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		360444		
42	62.0	49.4	74.0		
101	8.7	7.4	11.2		
130	17.1	14.2	21.4		

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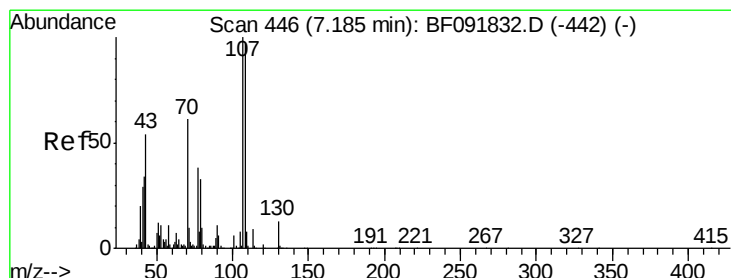
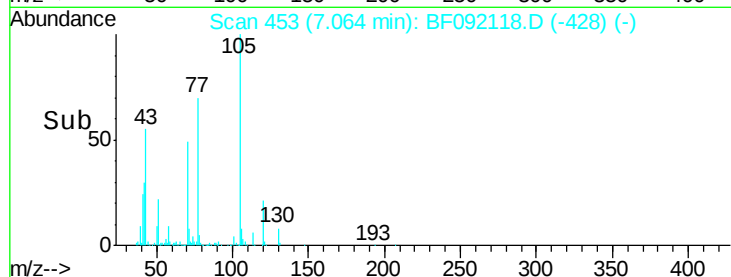
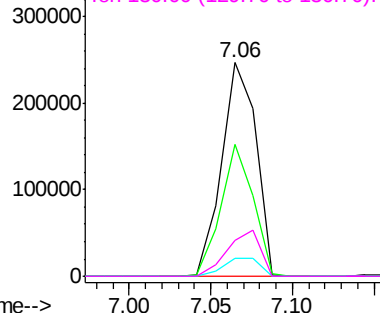
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 41.46 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		562930		
108	96.8	73.0	113.0		
77	30.2	71.3	111.3#		
79	29.6	11.1	51.1		

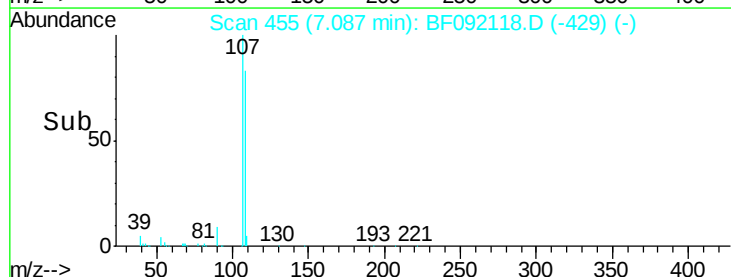
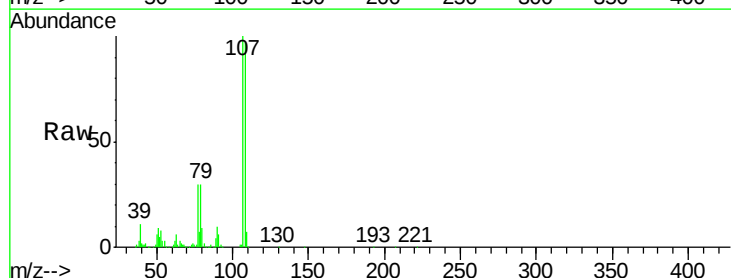
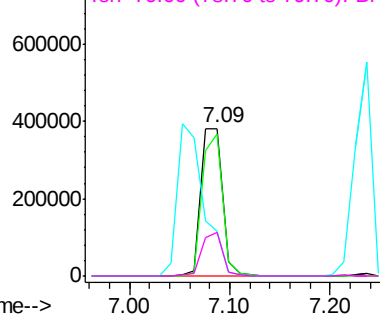
Abundance

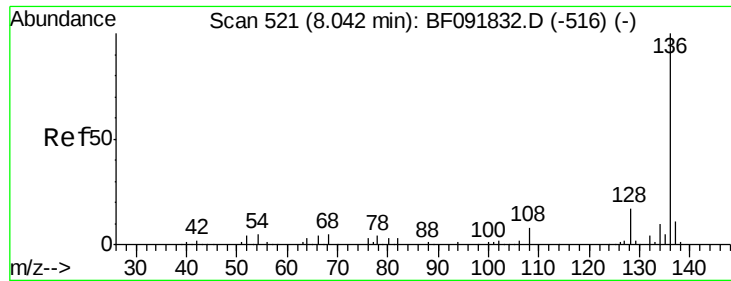
Ion 107.00 (106.70 to 107.70): E

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





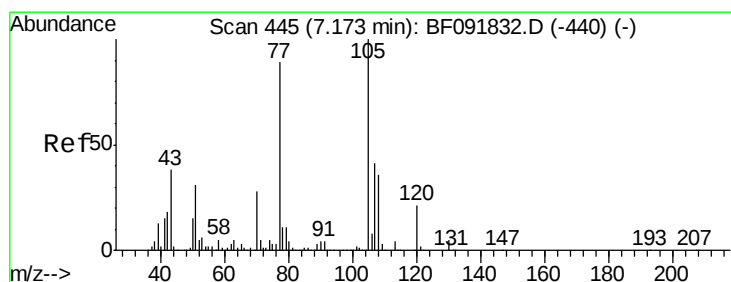
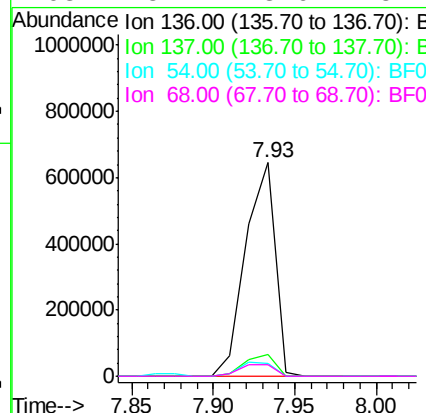
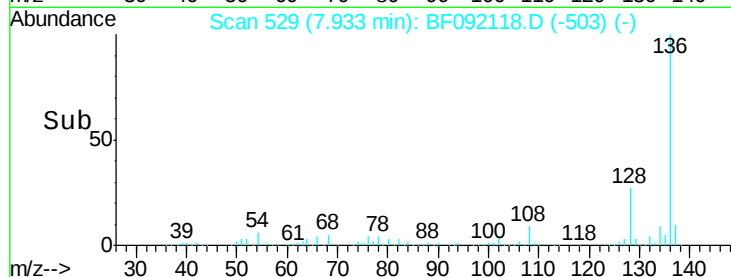
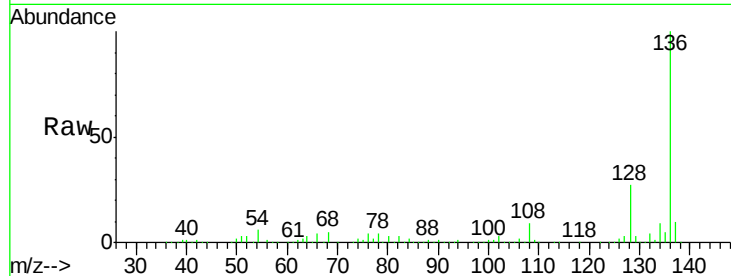
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		807494		
137	10.5		8.4	12.6	
54	5.8		4.5	6.7	
68	5.1		3.6	5.4	

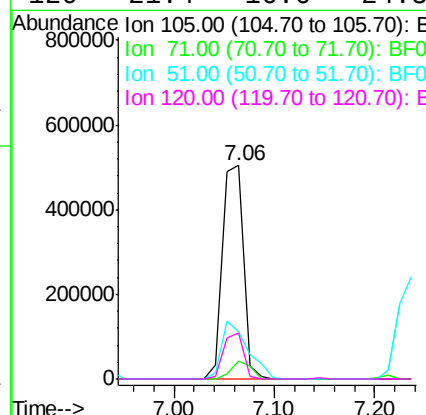
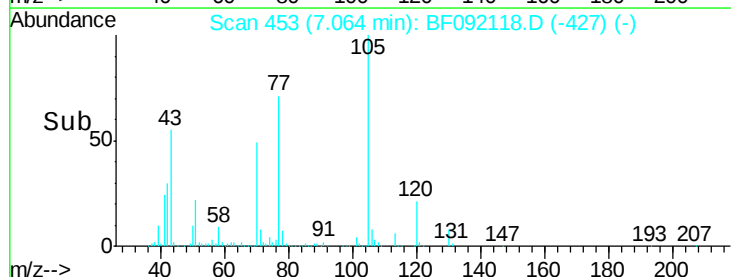
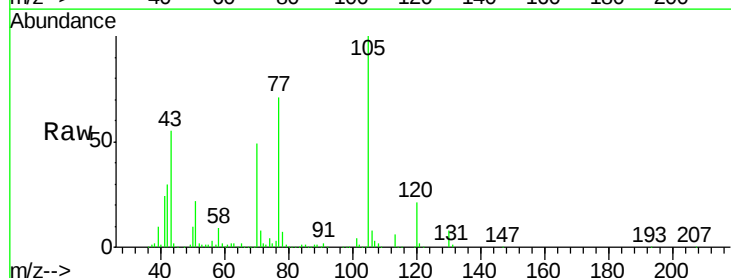
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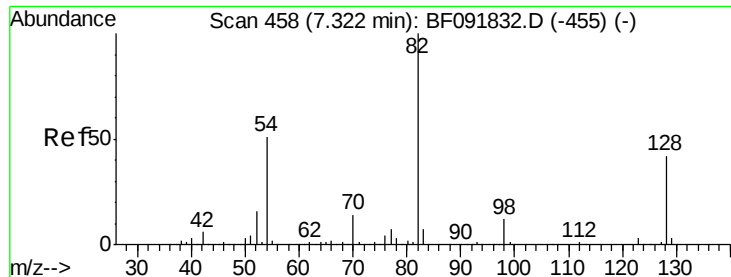
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#22
Acetophenone
Concen: 36.74 ng
RT: 7.06 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		731848		
71	8.3		3.2	4.8#	
51	22.2		26.2	39.4#	
120	21.4		16.6	24.8	





#23

Nitrobenzene-d5

Concen: 79.81 ng

RT: 7.21 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB95795BS

Tot Ion: 82 Resp: 1158978

Ion Ratio Lower Upper

82 100

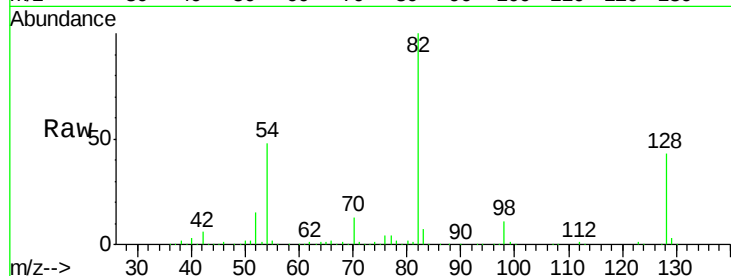
128 43.0 34.6 52.0

54 48.5 39.5 59.3

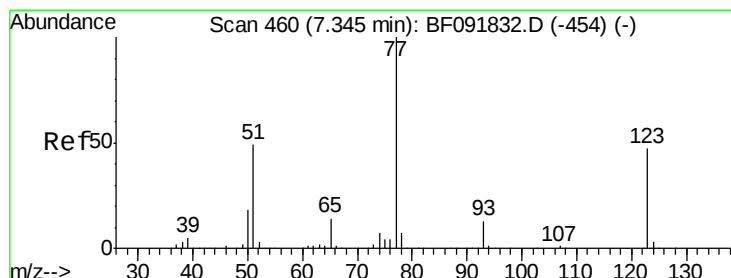
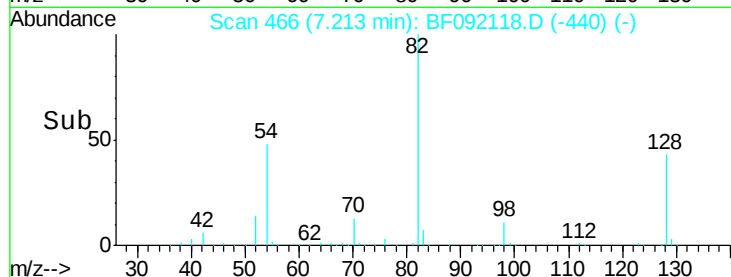
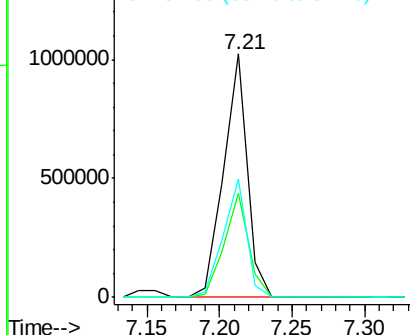
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.32 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

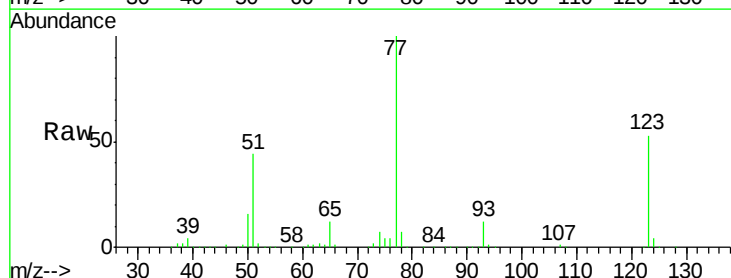
Tgt Ion: 77 Resp: 639053

Ion Ratio Lower Upper

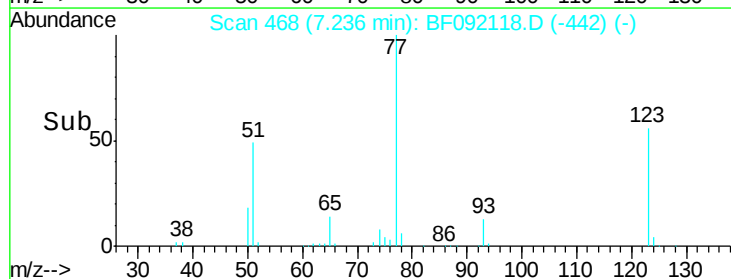
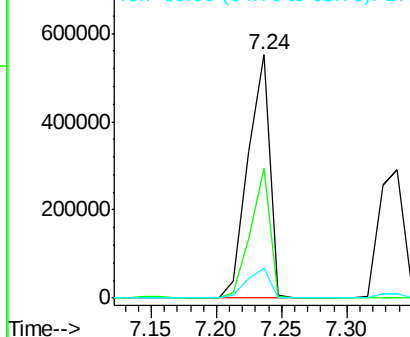
77 100

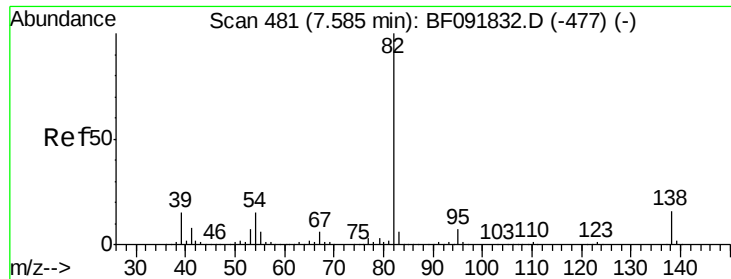
123 53.3 33.0 49.4#

65 12.4 11.2 16.8



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





#25

Isophorone

Concen: 42.45 ng

RT: 7.48 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleID :

PB95795BS

Tot Ion: 82 Resp: 1137336

Ion Ratio Lower Upper

82 100

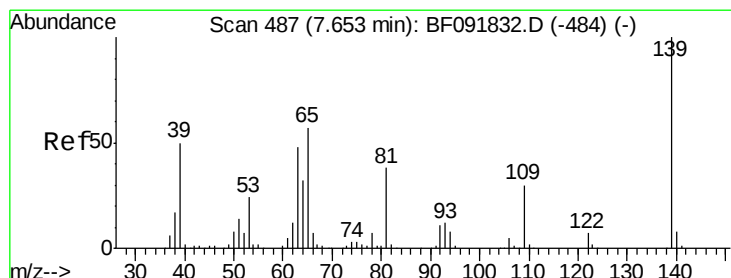
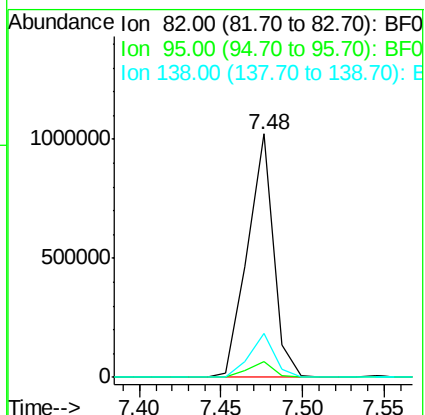
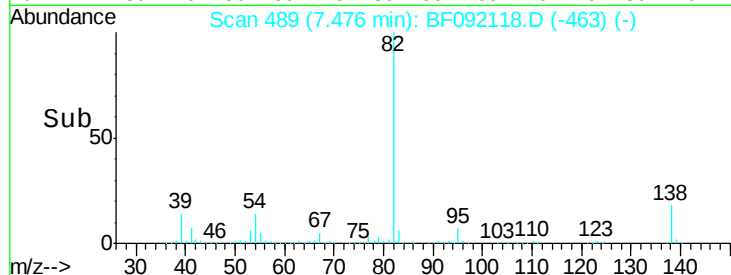
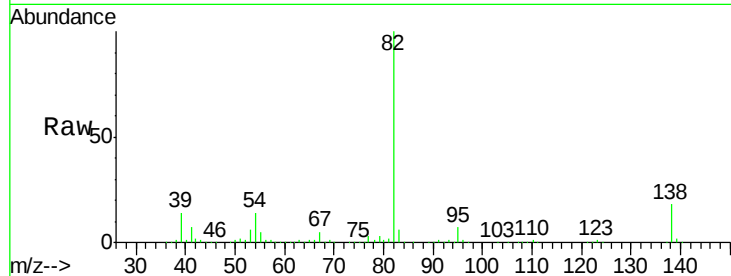
95 6.5 5.6 8.4

138 17.8 14.6 22.0

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#26

2-Nitrophenol

Concen: 39.52 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

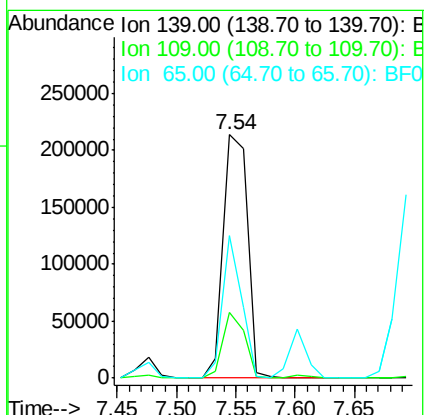
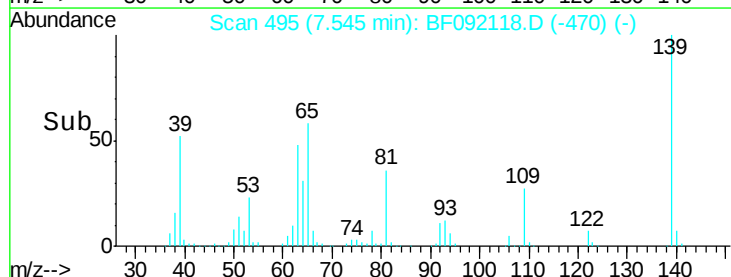
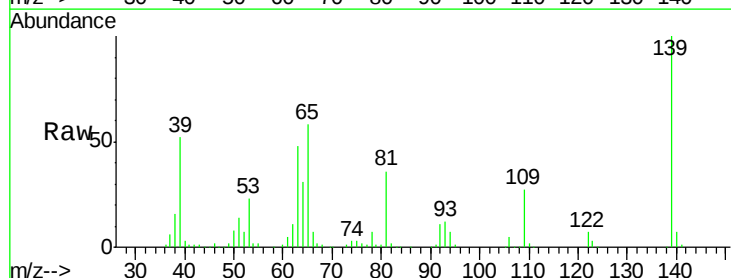
Tgt Ion: 139 Resp: 301454

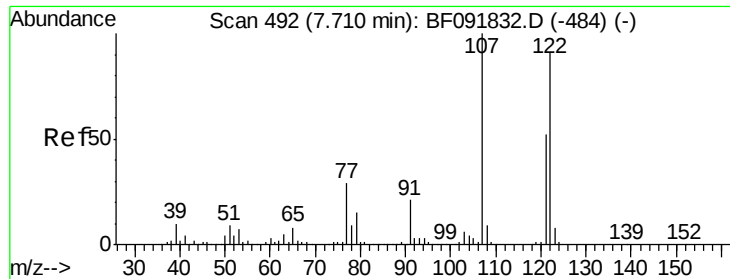
Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

65 58.4 42.7 64.1





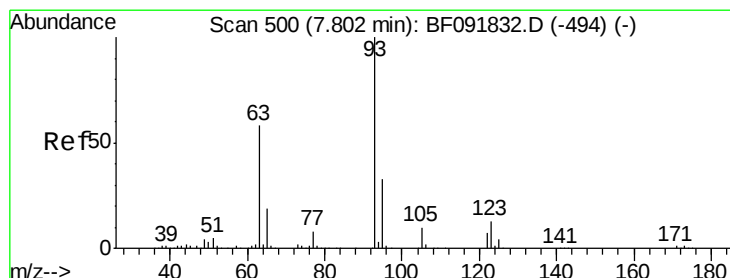
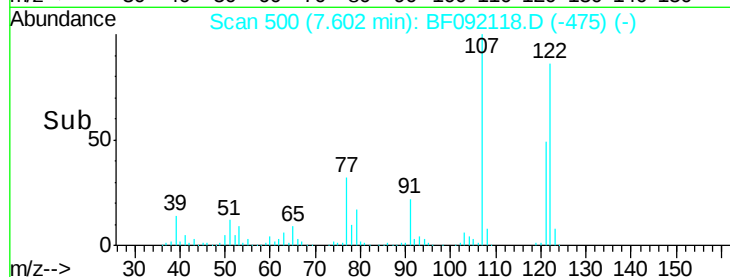
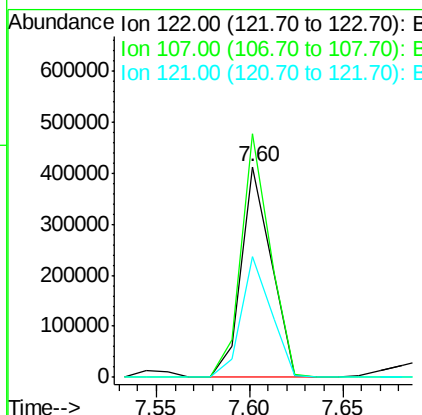
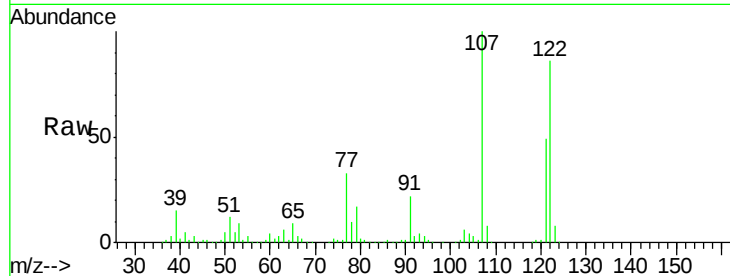
#27
2,4-Dimethylphenol
Concen: 37.00 ng
RT: 7.60 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
468091	122	100			
	107	115.8		94.1	141.1
	121	57.3		46.0	69.0

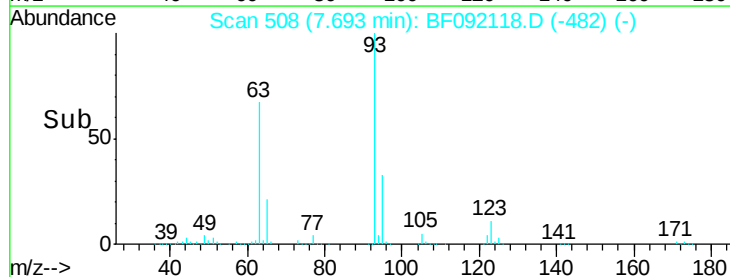
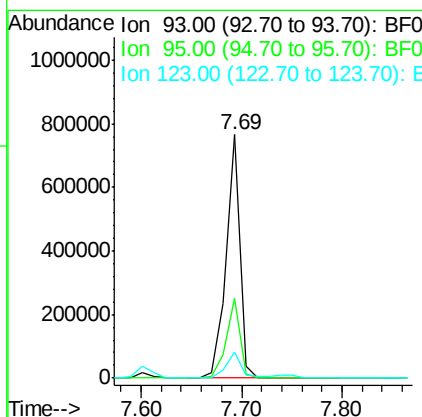
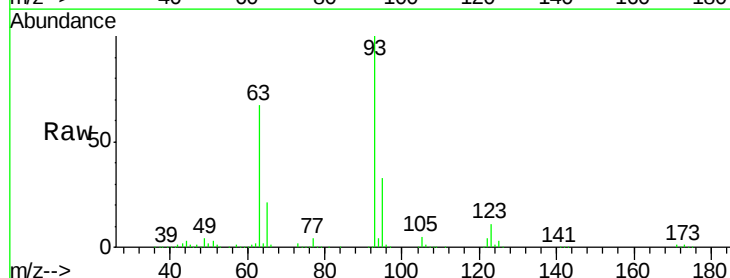
Manual Integrations
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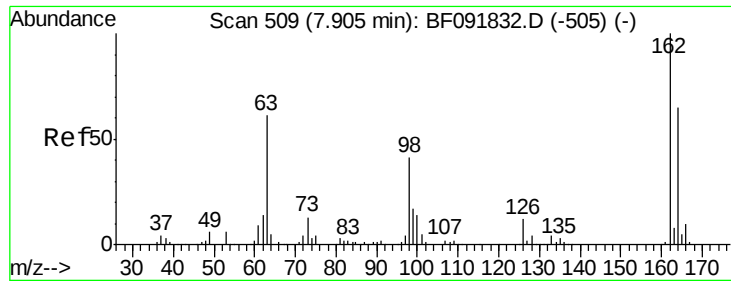
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 44.85 ng
RT: 7.69 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
728622	93	100			
	95	33.0		26.5	39.7
	123	10.7		8.6	13.0





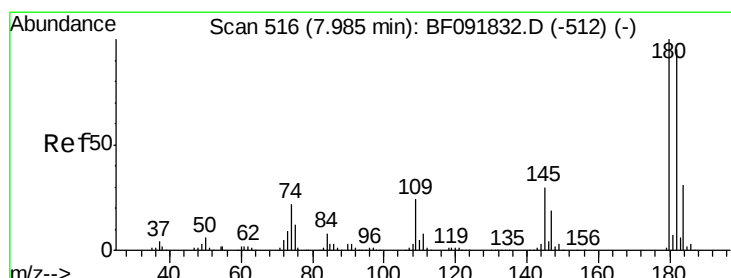
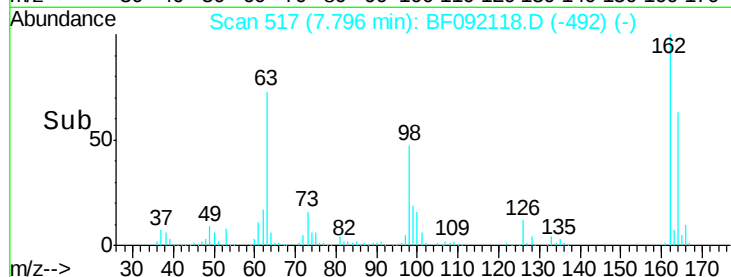
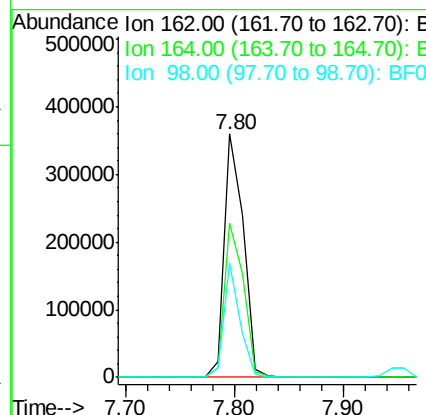
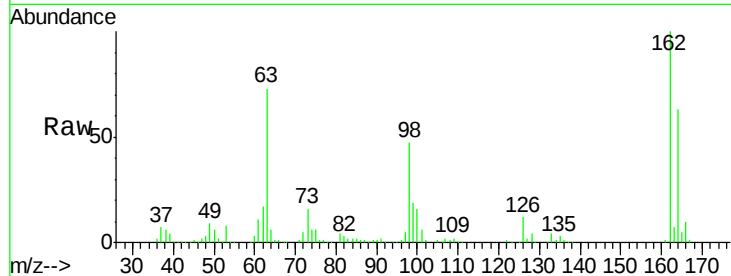
#29
2,4-Dichlorophenol
Concen: 41.02 ng
RT: 7.80 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampled :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	439409		
164	63.5	46.8	86.8	
98	47.1	9.1	49.1	

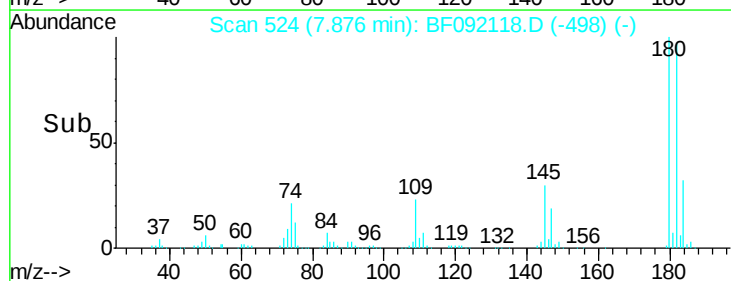
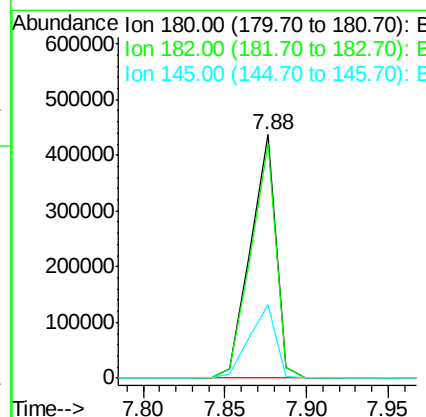
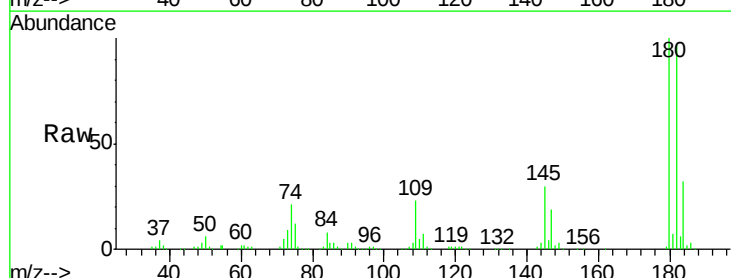
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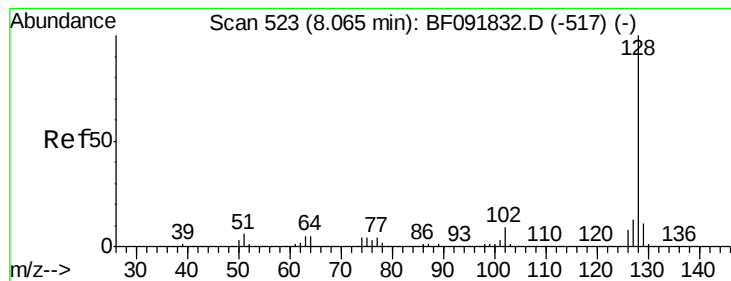
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.40 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	474251		
182	96.6	78.2	117.4	
145	30.1	21.6	32.4	





#31

Naphthalene

Concen: 41.33 ng

RT: 7.96 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB95795BS

Tot Ion:128 Resp: 1527525

Ion Ratio Lower Upper

128 100

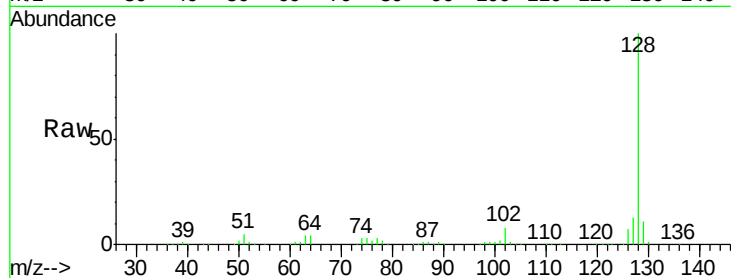
129 10.8 9.5 14.3

127 13.2 10.8 16.2

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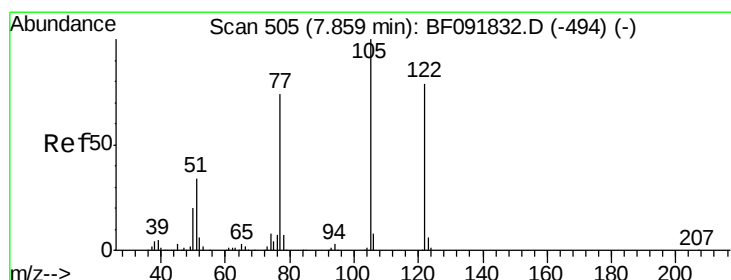
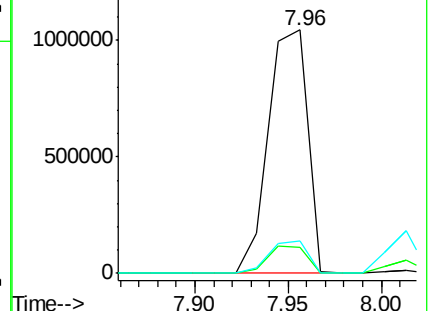
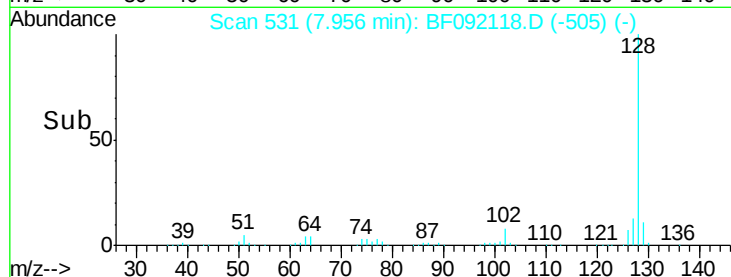
1/9/2017 10:47:40 AM



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: 37.70 ng

RT: 7.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

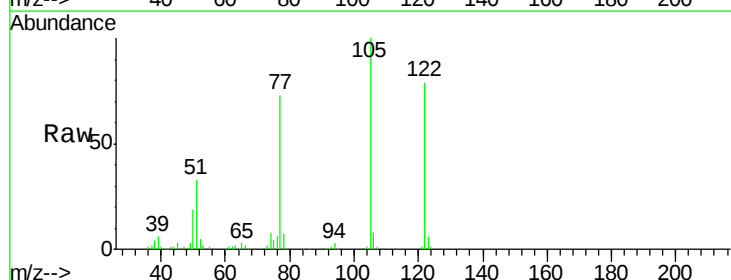
Tgt Ion:122 Resp: 353761

Ion Ratio Lower Upper

122 100

105 126.8 107.2 147.2

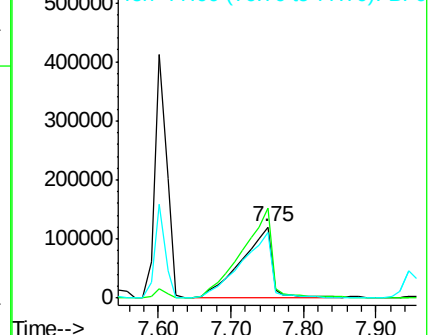
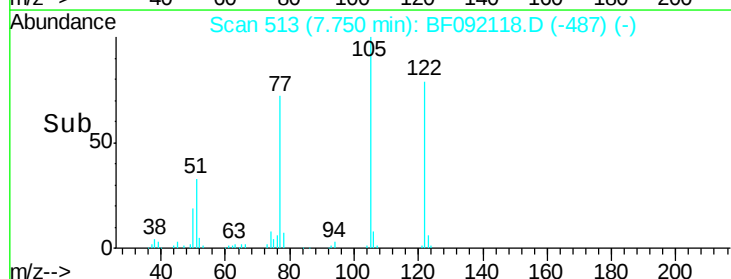
77 92.4 74.5 114.5

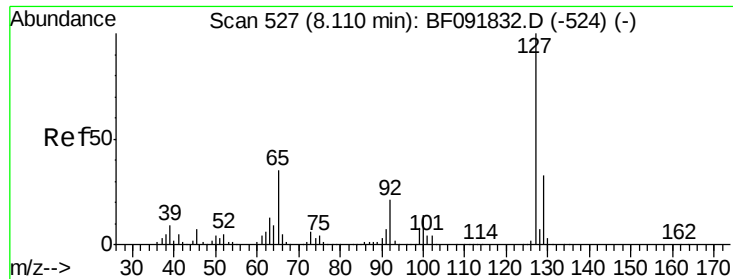


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





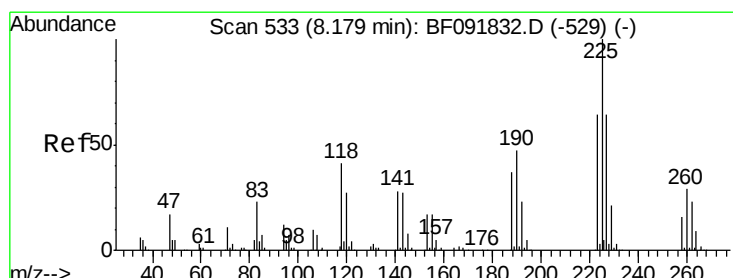
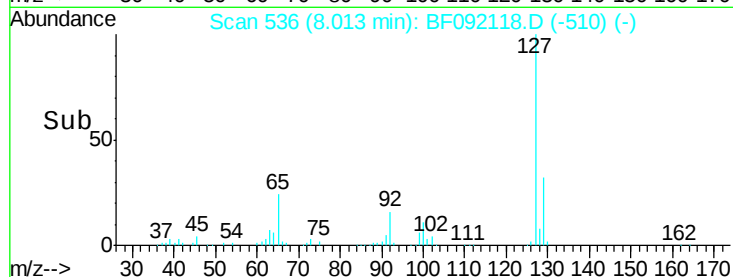
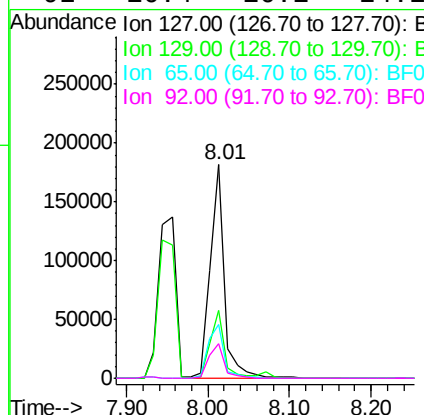
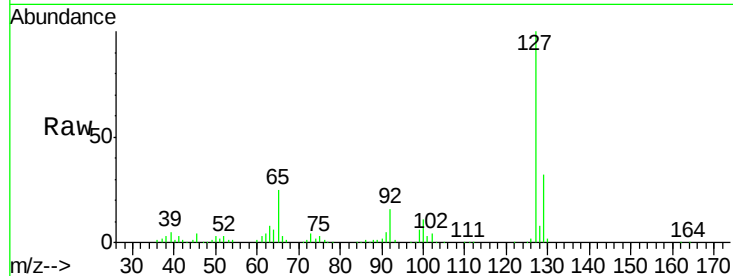
#33
4-Chloroaniline
Concen: 13.43 ng
RT: 8.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.3	39.5		
65	25.0	25.8	38.8		
92	16.4	16.1	24.1		

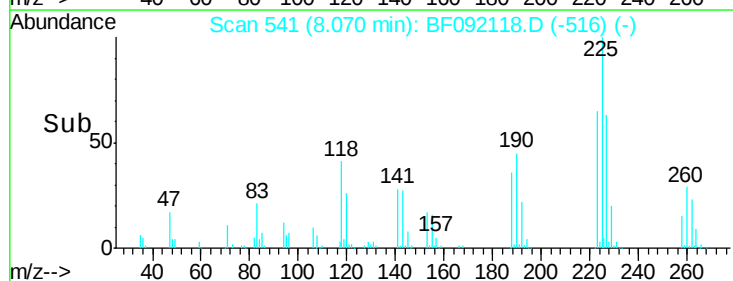
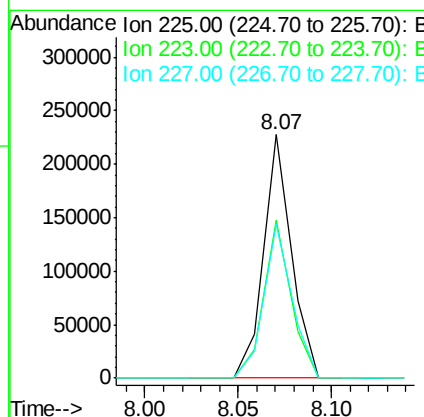
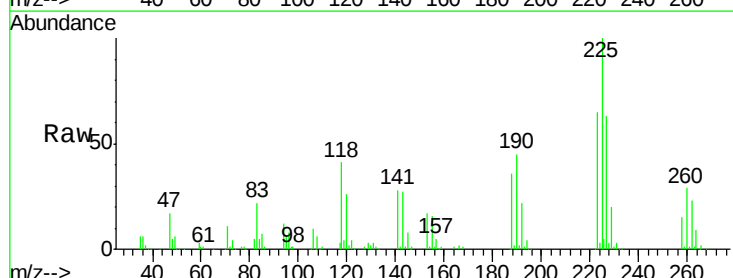
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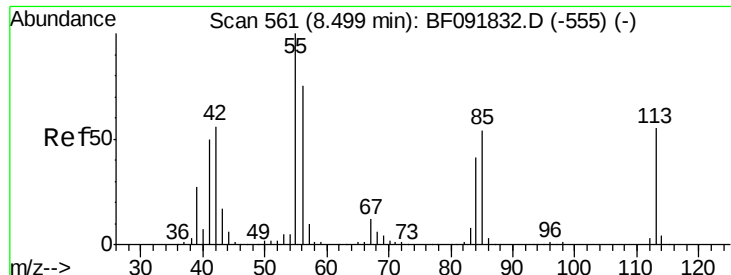
Sohil
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#34
Hexachlorobutadiene
Concen: 37.78 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	51.0	76.6		
227	63.3	50.6	76.0		





#35

Caprolactam

Concen: 38.59 ng/ml

RT: 8.38 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleID :

PB95795BS

Tot Ion:113 Resp: 135847

Ion Ratio Lower Upper

113 100

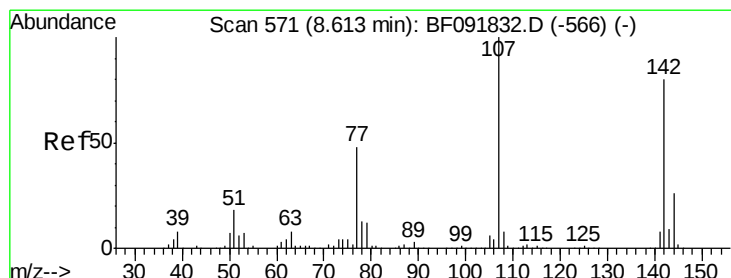
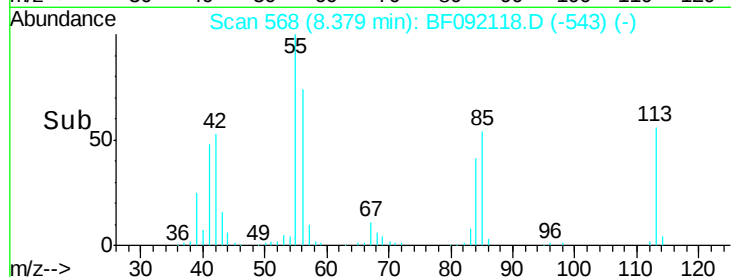
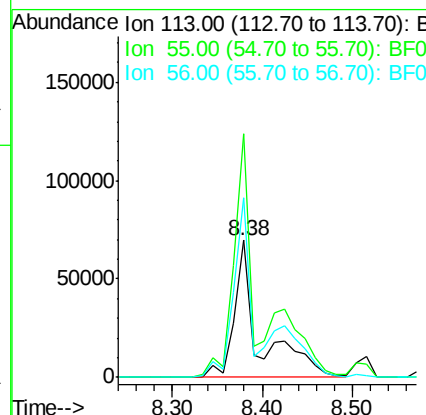
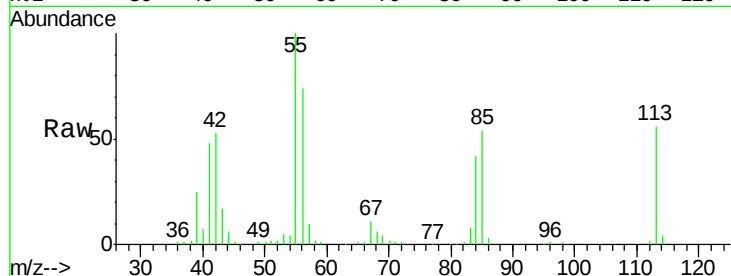
55 177.6 119.2 159.2#

56 131.0 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 37.52 ng/ml

RT: 8.52 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

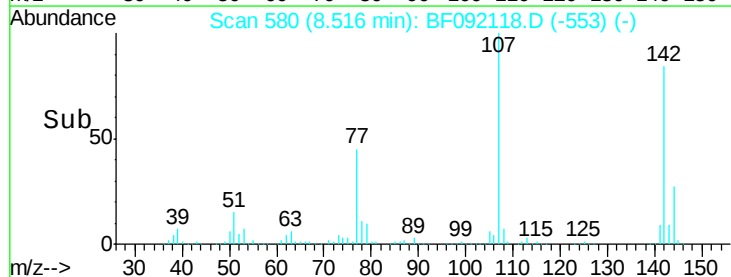
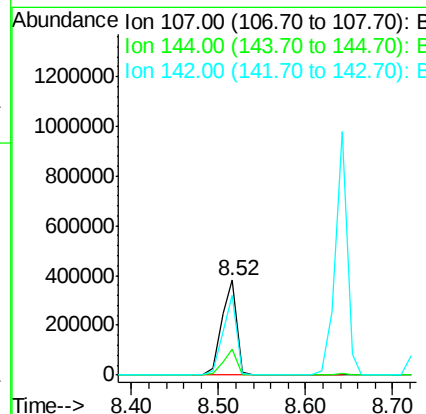
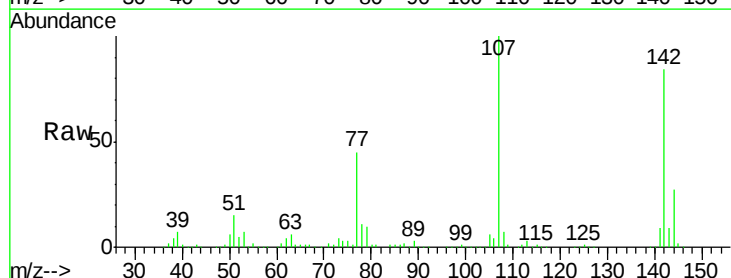
Tgt Ion:107 Resp: 462528

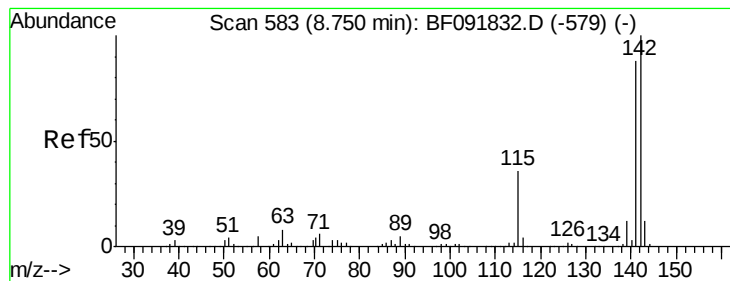
Ion Ratio Lower Upper

107 100

144 27.3 19.3 28.9

142 84.2 59.0 88.6





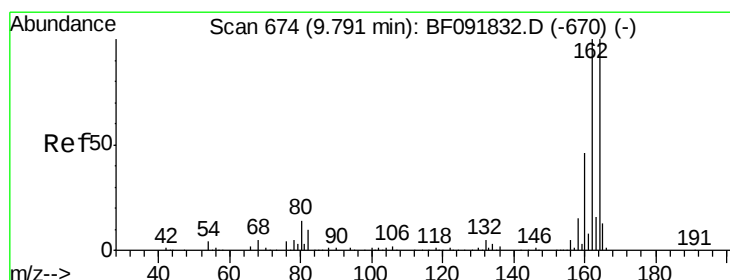
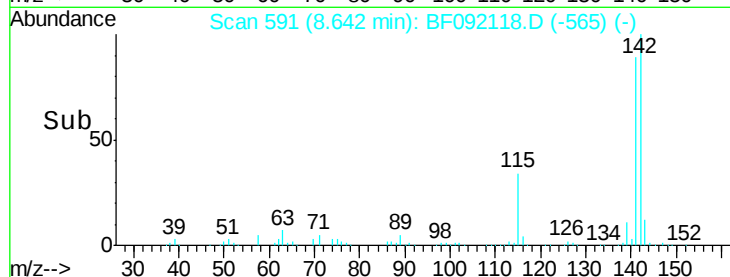
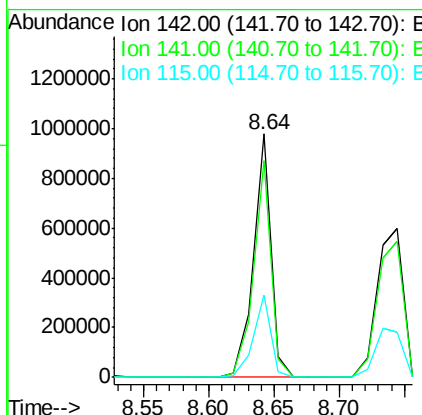
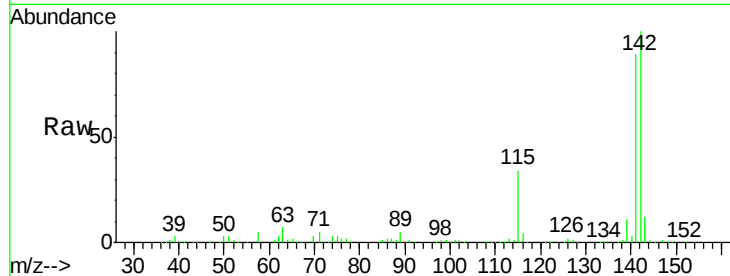
#37
2-Methylnaphthalene
Concen: 38.89 ng
RT: 8.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	33.8	28.3	42.5

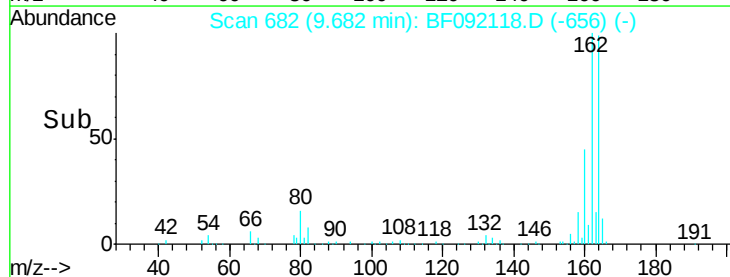
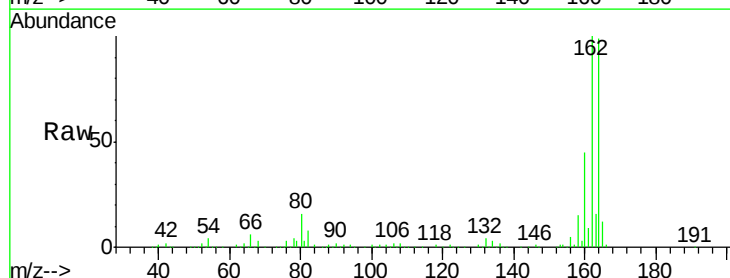
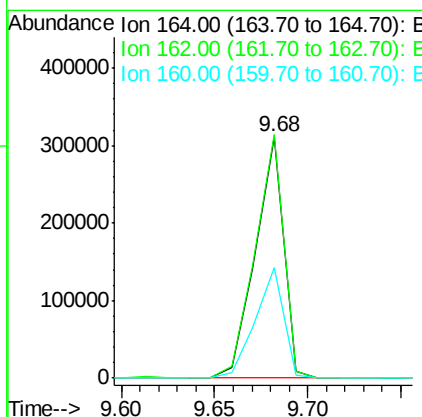
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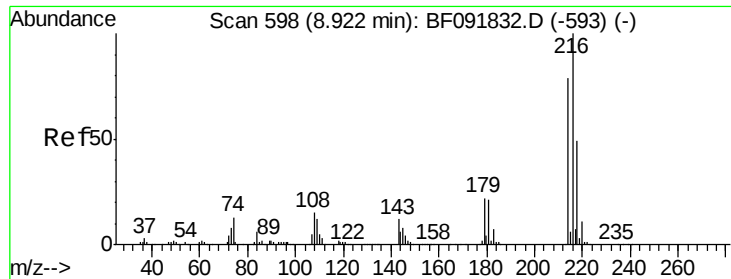
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	45.7	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.62 ng

RT: 8.81 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

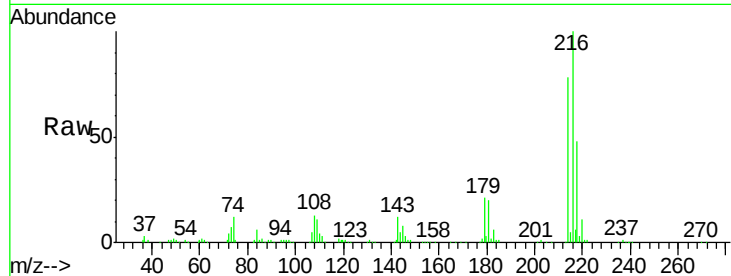
ClientSampleId :

PB95795BS

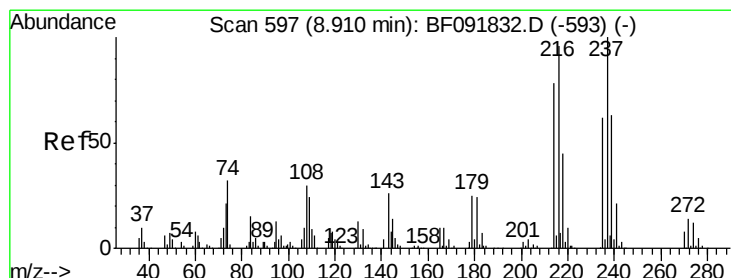
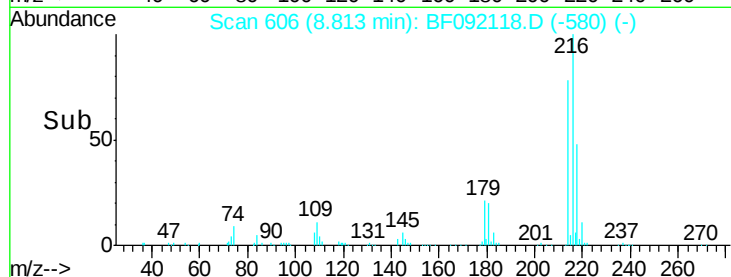
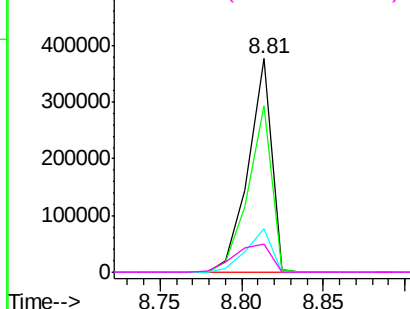
Tot Ion:	216	Resp:	375092
Ion Ratio		Lower	Upper
216	100		
214	78.5	63.4	95.0
179	22.0	17.4	26.2
108	21.0	15.6	23.4

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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: 92.01 ng

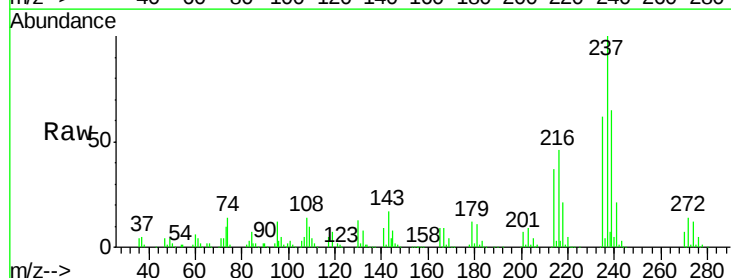
RT: 8.80 min Scan# 605

Delta R.T. 0.00 min

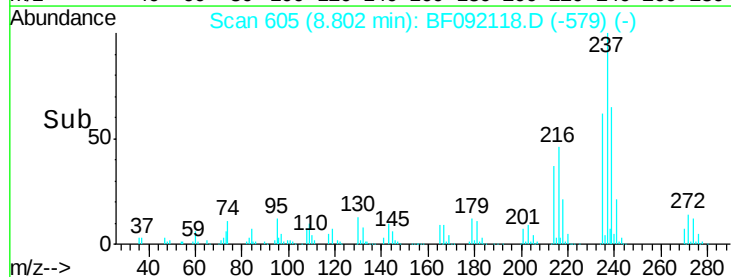
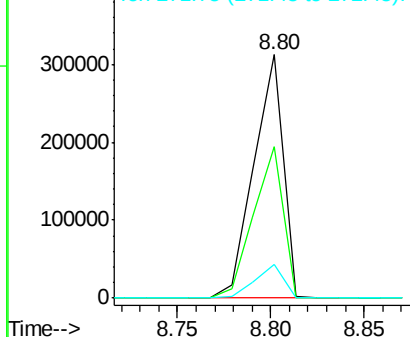
Lab File: BF092118.D

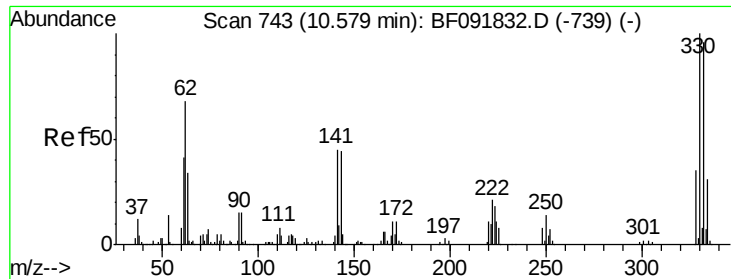
Acq: 6 Jan 2017 15:47

Tgt Ion:	237	Resp:	339221
Ion Ratio		Lower	Upper
237	100		
235	62.1	41.2	81.2
272	14.1	0.0	35.4



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





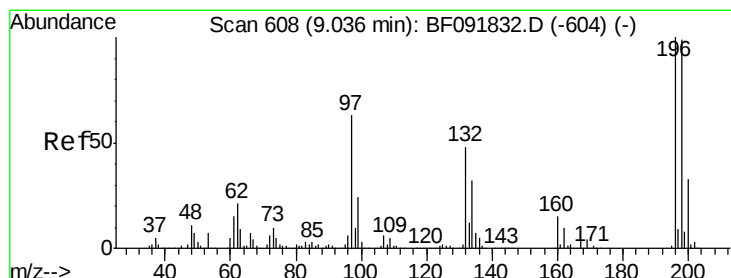
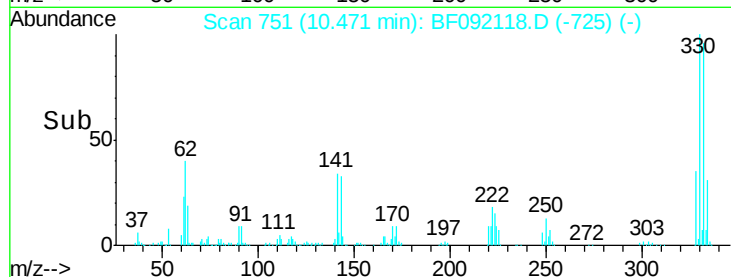
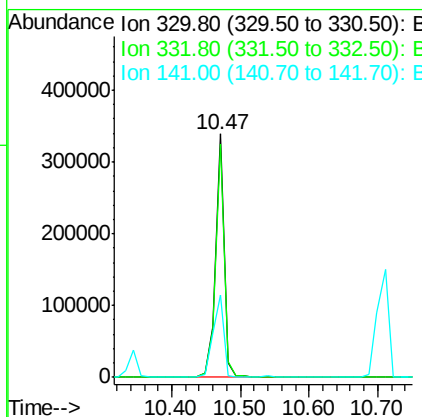
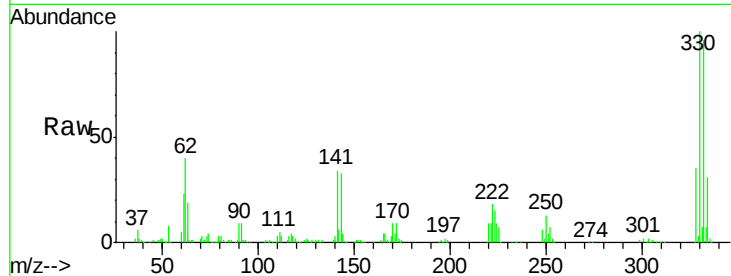
#41
 2,4,6-Tribromophenol
 Concen: 113.88 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampled :
 PB95795BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.2
141	41.4	34.1	51.1

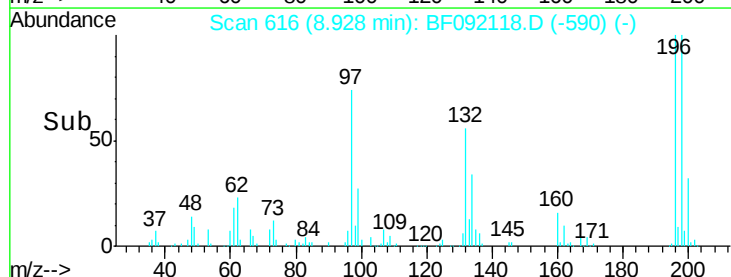
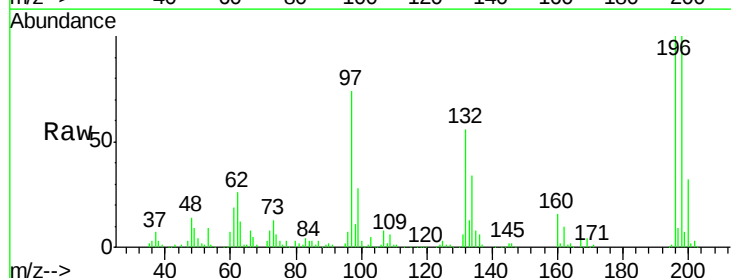
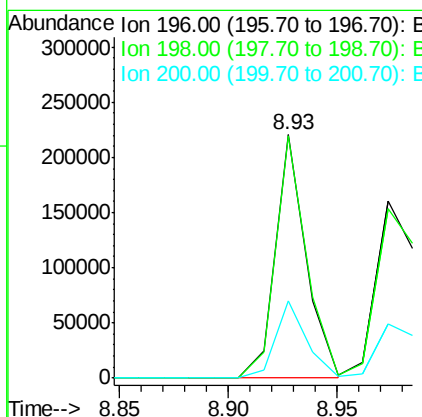
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 37.96 ng
 RT: 8.93 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	82.1	123.1
200	31.8	27.0	40.4





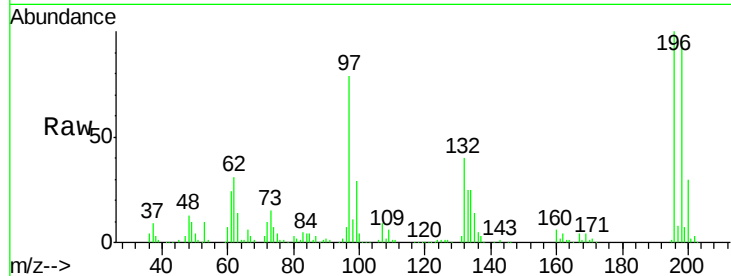
#43
 2,4,5-Trichlorophenol
 Concen: 35.13 ng
 RT: 8.97 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207877		
198	96.0	79.4	119.2	
97	79.1	51.5	77.3#	
132	39.7	27.4	41.2	

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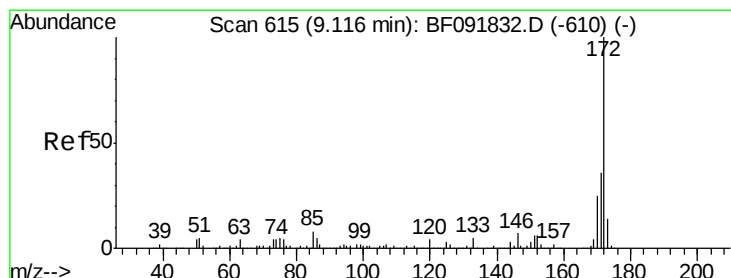
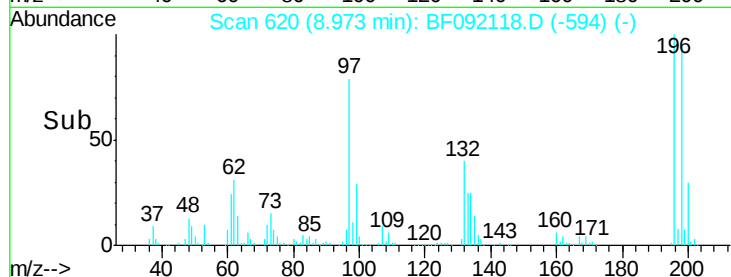
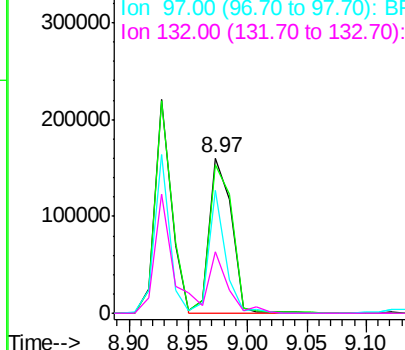
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.27 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

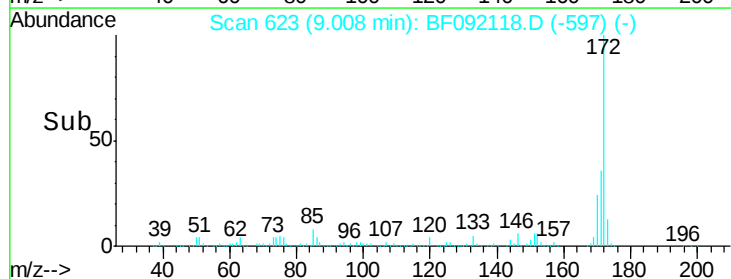
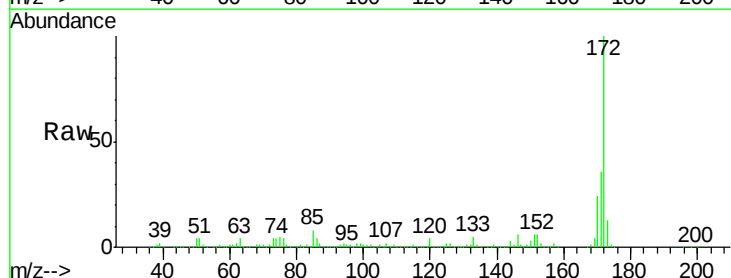
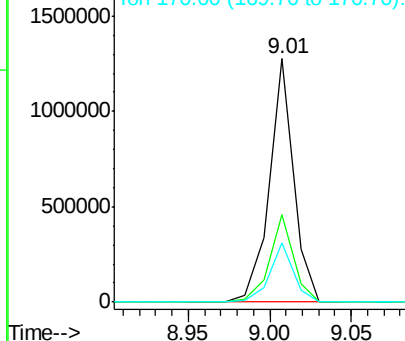
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1326817		
171	36.0	29.4	44.0	
170	24.4	20.2	30.4	

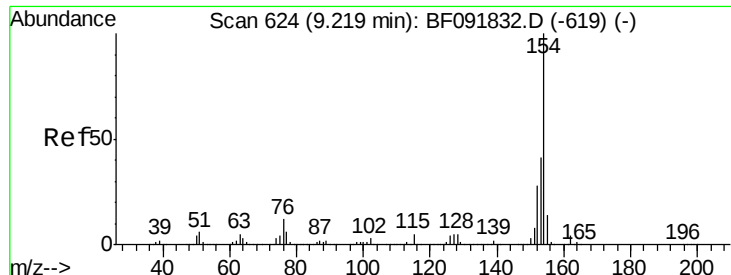
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.86 ng

RT: 9.11 min Scan# 632

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

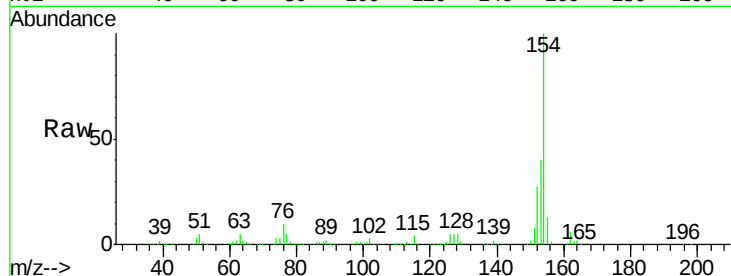
ClientSampled :

PB95795BS

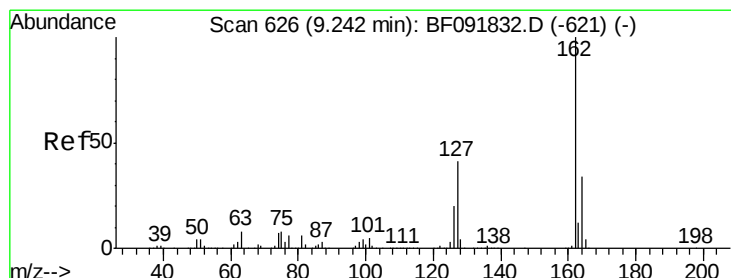
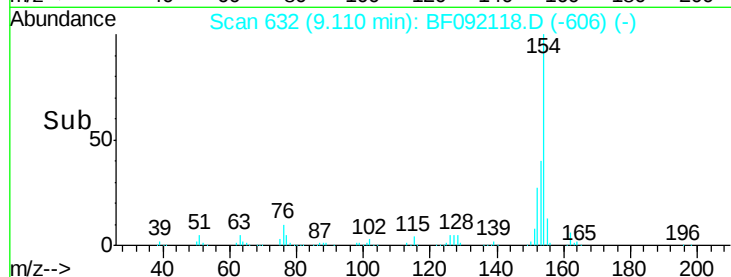
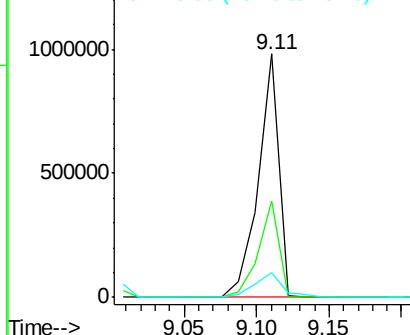
Tot Ion:	154	Resp:	954966
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.9	60.9
76	9.9	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 39.30 ng

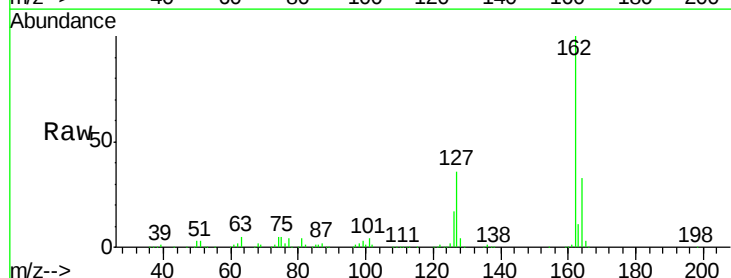
RT: 9.13 min Scan# 634

Delta R.T. 0.00 min

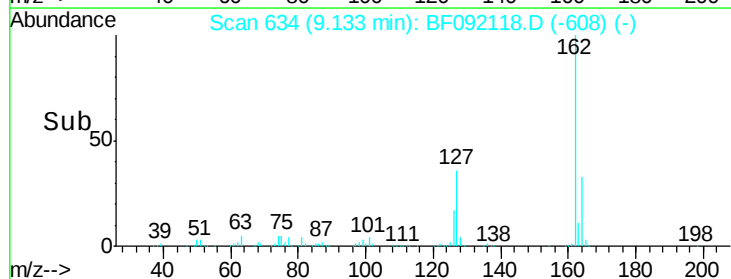
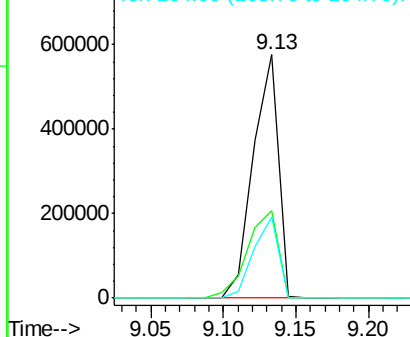
Lab File: BF092118.D

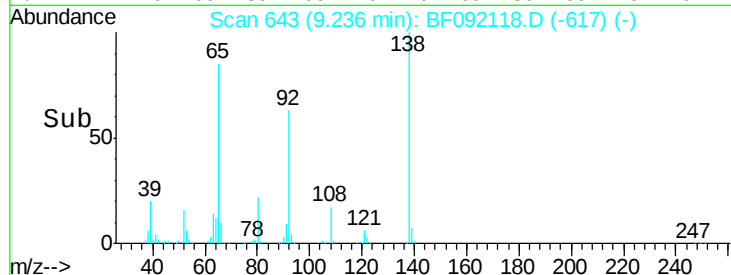
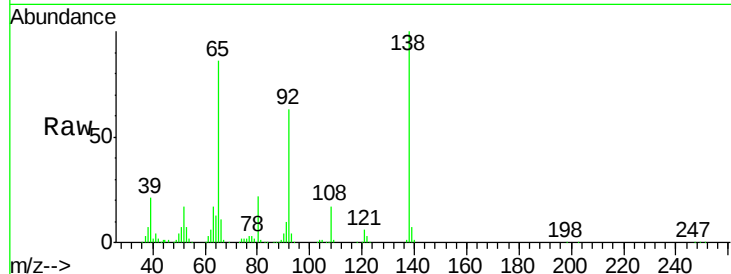
Acq: 6 Jan 2017 15:47

Tgt Ion:	162	Resp:	693546
Ion Ratio	Lower	Upper	
162	100		
127	36.0	30.7	46.1
164	33.2	27.6	41.4



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





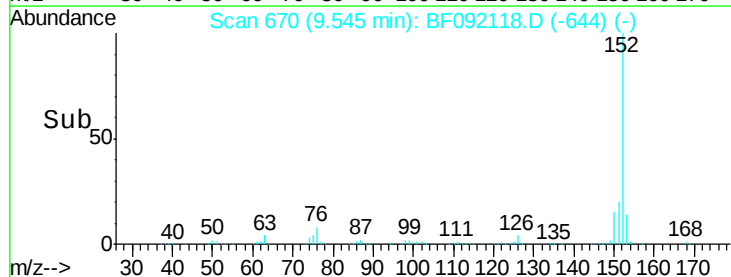
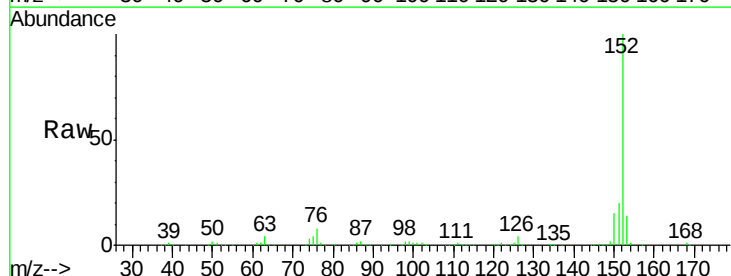
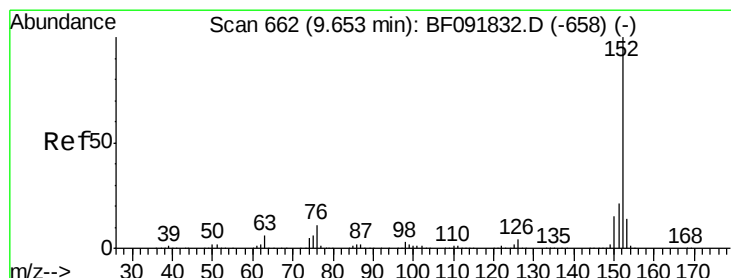
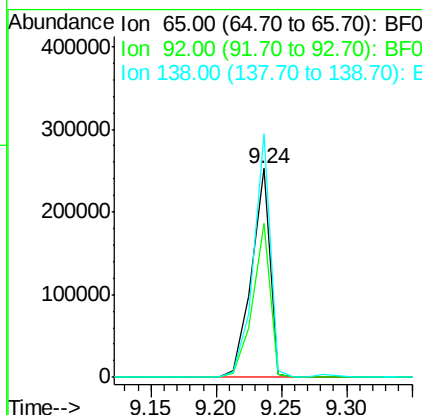
#47
2-Nitroaniline
Concen: 39.71 ng
RT: 9.24 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.6	53.9	80.9
138	116.6	76.8	115.2#

Instrument :
BNA_F
ClientSampleId :
PB95795BS

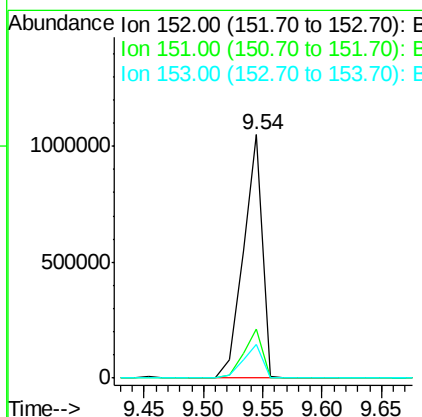
Manual Integrations
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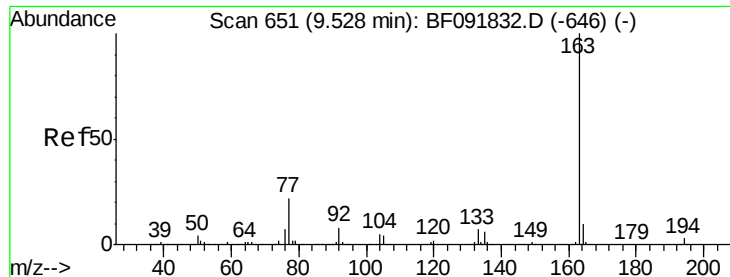
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#48
Acenaphthylene
Concen: 42.78 ng
RT: 9.54 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.7	11.4	17.2





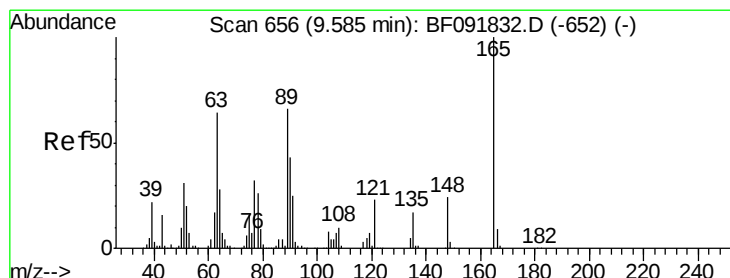
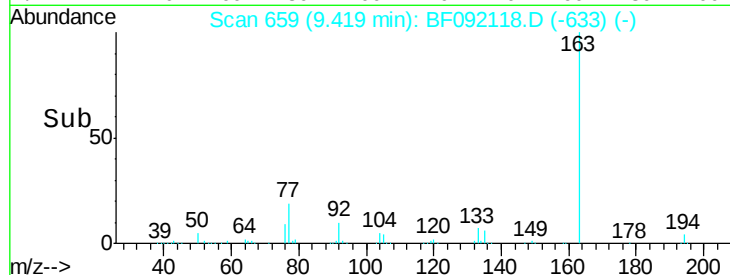
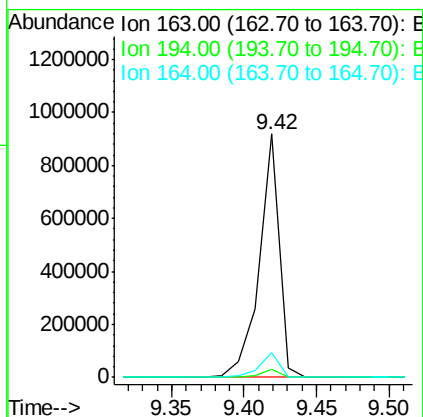
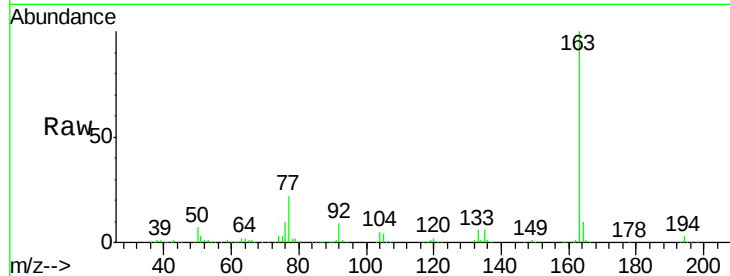
#49
Dimethylphthalate
Concen: 42.07 ng
RT: 9.42 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampled :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	875590		
194	3.5		3.0	4.4
164	10.1		8.0	12.0

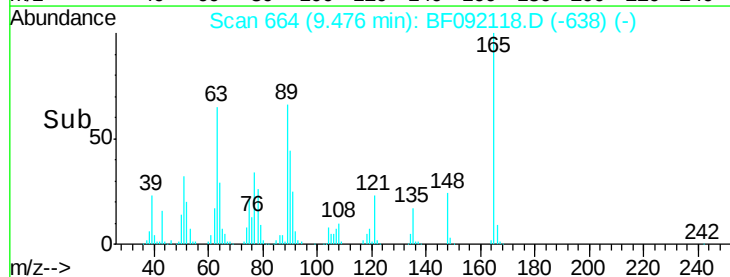
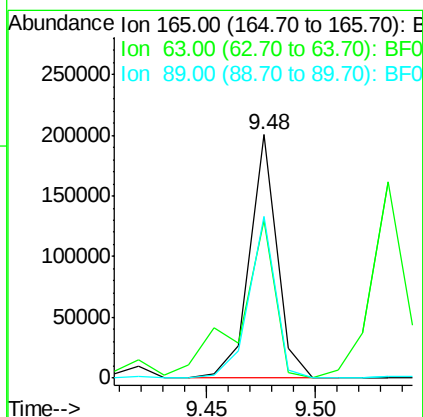
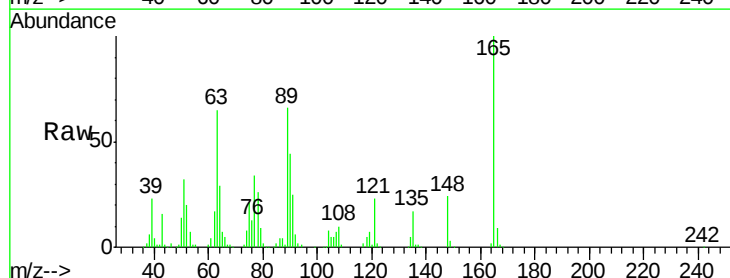
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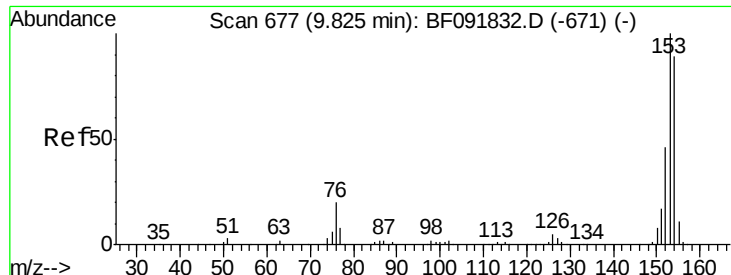
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#50
2,6-Dinitrotoluene
Concen: 38.44 ng
RT: 9.48 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	175125		
63	64.6		36.2	54.4#
89	66.4		40.2	60.4#





#51

Acenaphthene

Concen: 39.50 ng

RT: 9.72 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

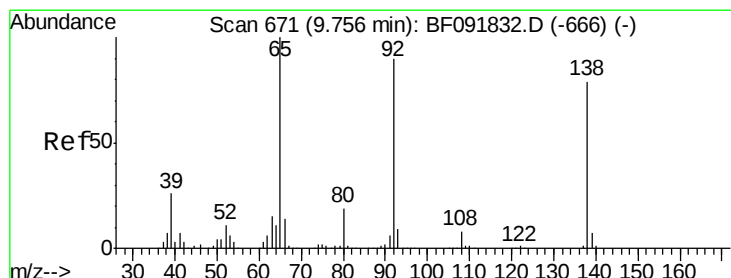
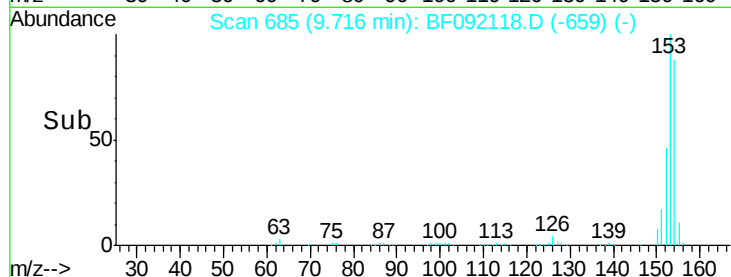
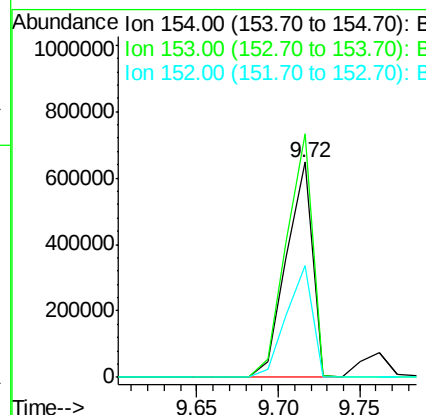
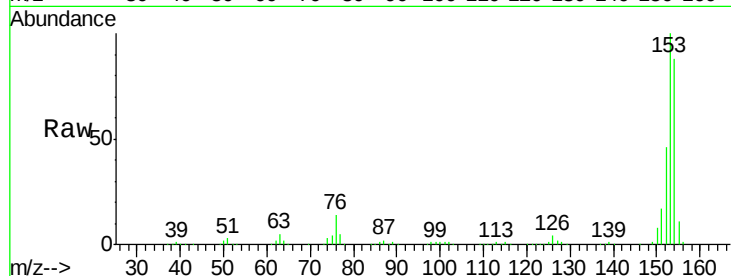
ClientSampleID :

PB95795BS

Tot Ion:	154	Resp:	726847
Ion Ratio	Lower	Upper	
154	100		
153	113.0	88.6	133.0
152	51.6	41.6	62.4

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#52

3-Nitroaniline

Concen: 20.05 ng

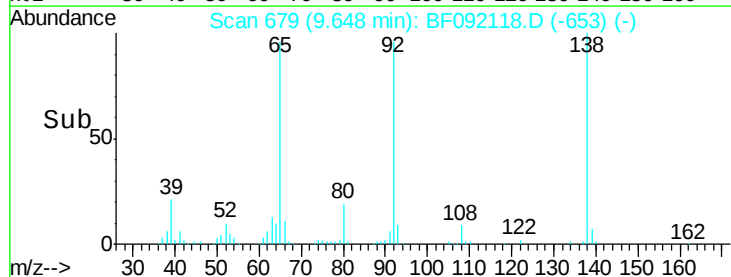
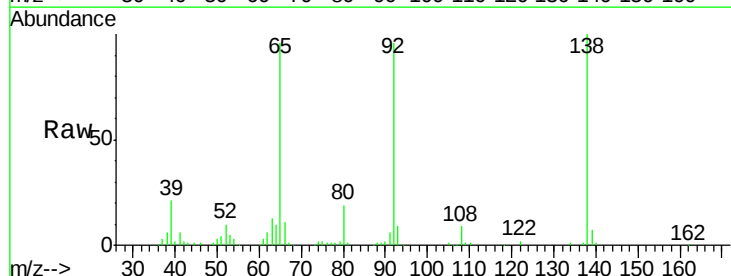
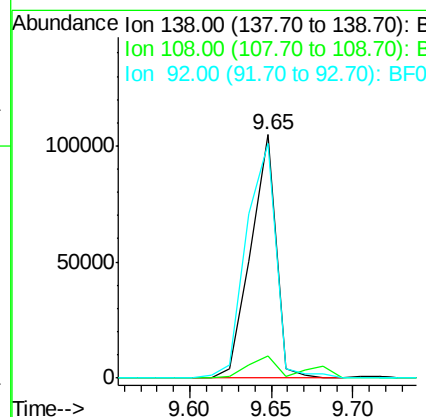
RT: 9.65 min Scan# 679

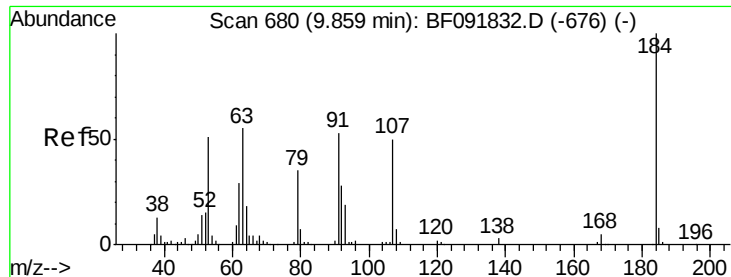
Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Tgt Ion:	138	Resp:	113060
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.5	12.7
92	96.1	97.8	146.8#





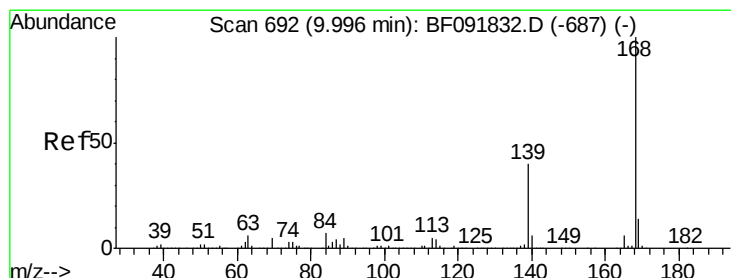
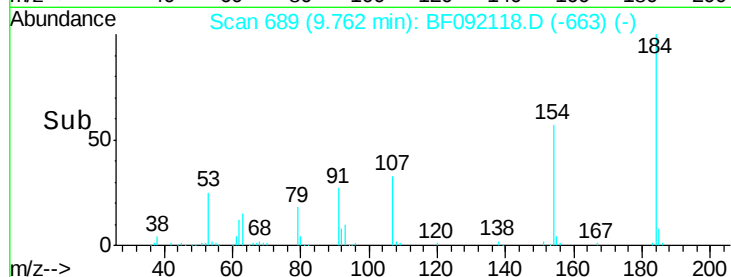
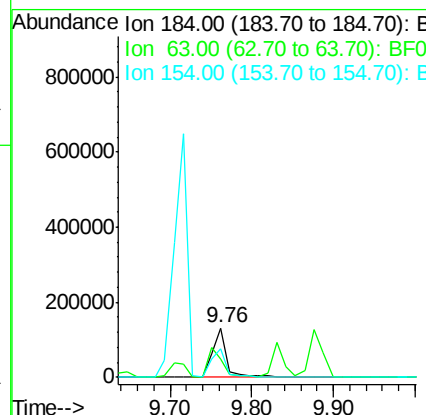
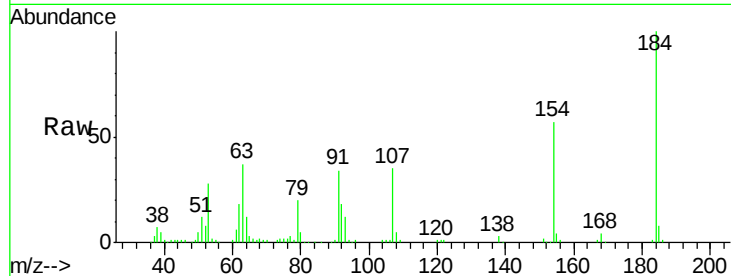
#53
 2,4-Dinitrophenol
 Concen: 65.16 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	165178		
63	36.8	28.4	42.6	
154	57.0	44.3	66.5	

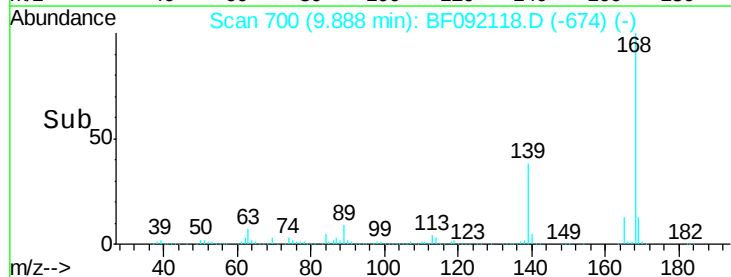
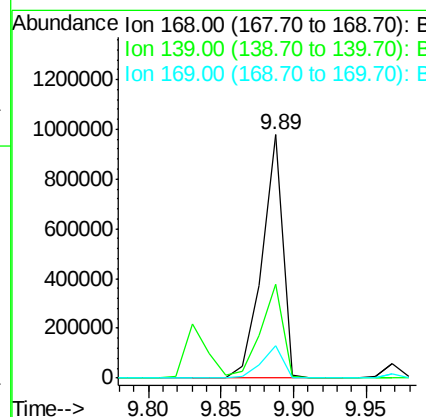
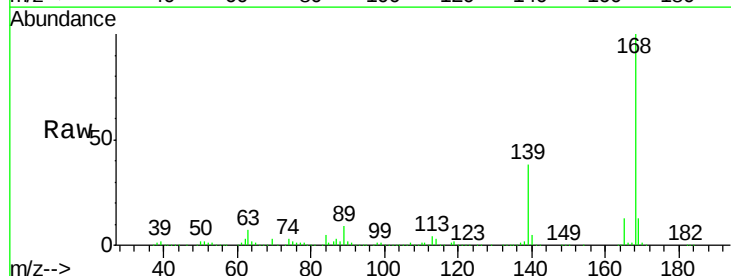
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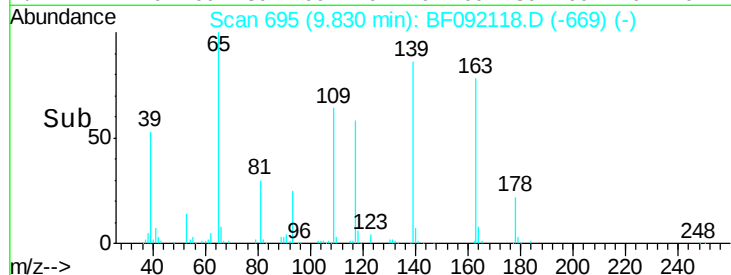
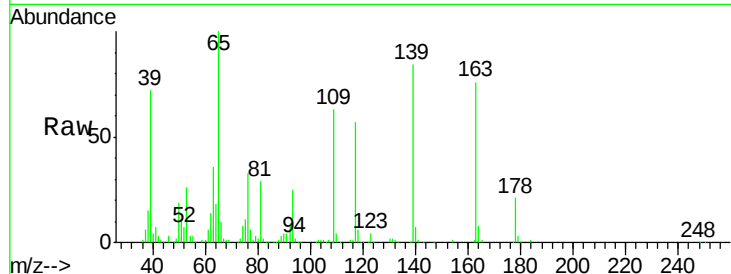
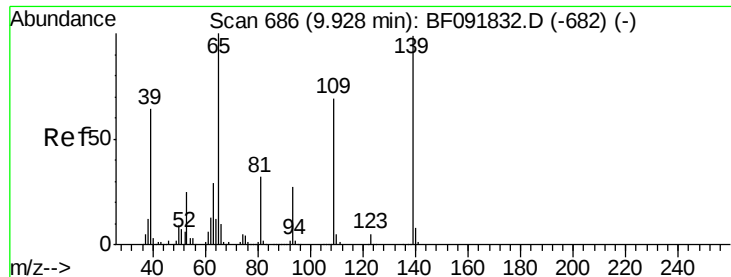
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#54
 Dibenzofuran
 Concen: 39.04 ng
 RT: 9.89 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	970066		
139	38.3	32.6	49.0	
169	13.4	11.3	16.9	





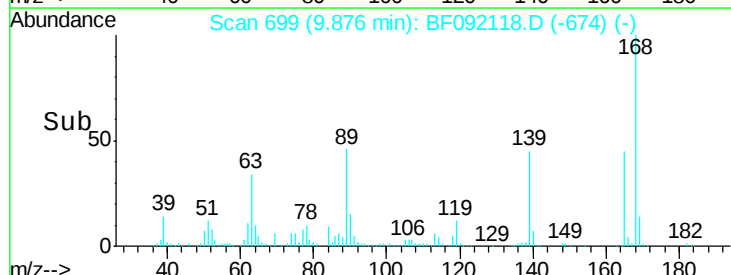
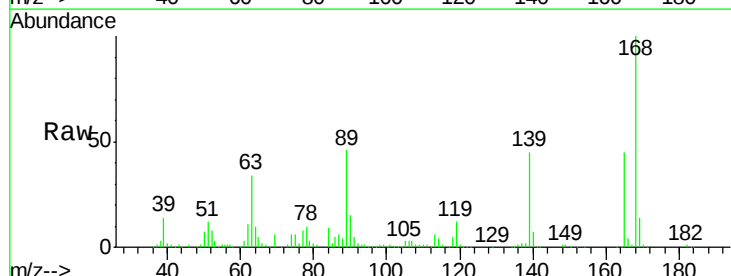
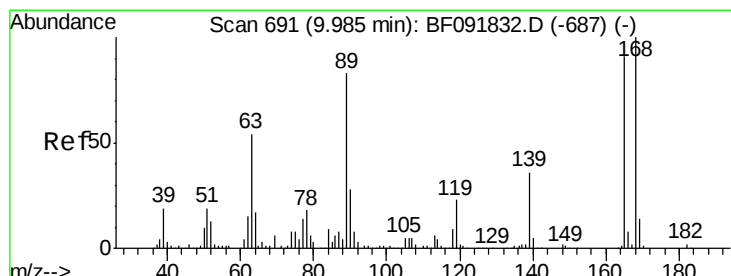
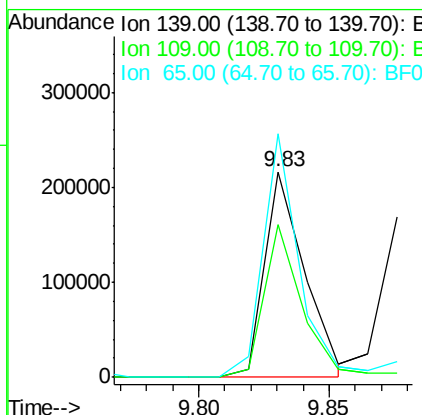
#55
4-Nitrophenol
Concen: 60.64 ng
RT: 9.83 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100	232138		
109	74.4	52.2	92.2	
65	118.6	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
PB95795BS

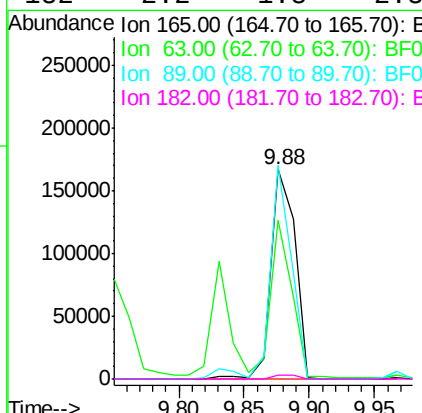
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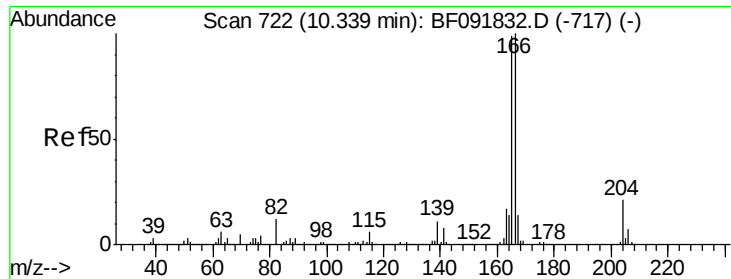
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#56
2,4-Dinitrotoluene
Concen: 37.90 ng
RT: 9.88 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216721		
63	75.7	40.2	60.4#	
89	102.0	62.5	93.7#	
182	2.2	1.8	2.8	





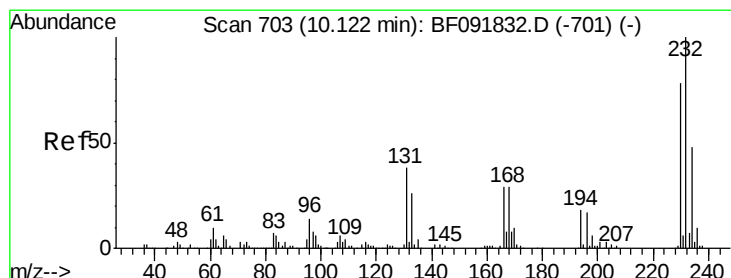
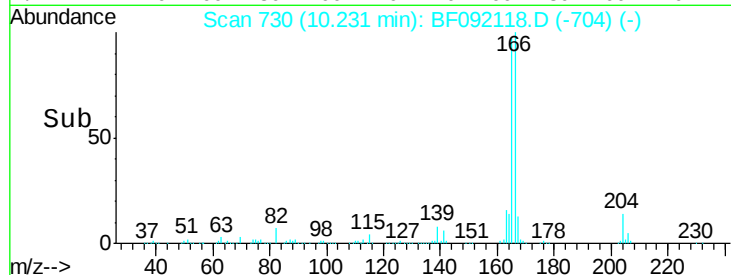
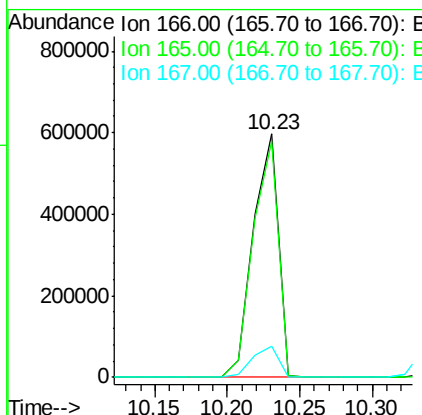
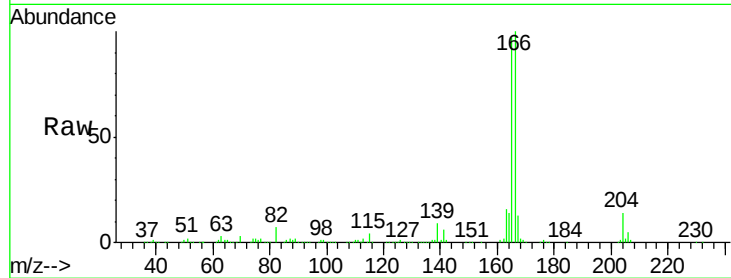
#57
 Fluorene
 Concen: 39.63 ng
 RT: 10.23 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.8
167	13.0	10.8	16.2

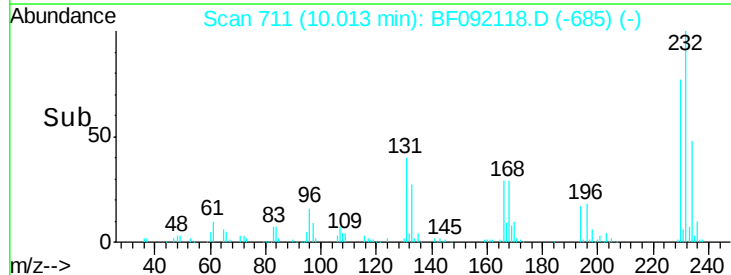
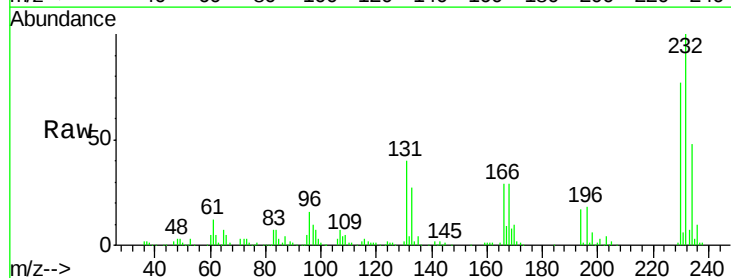
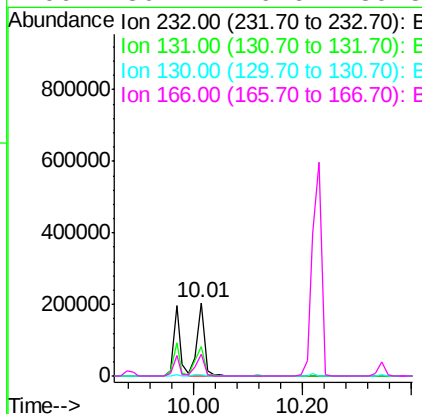
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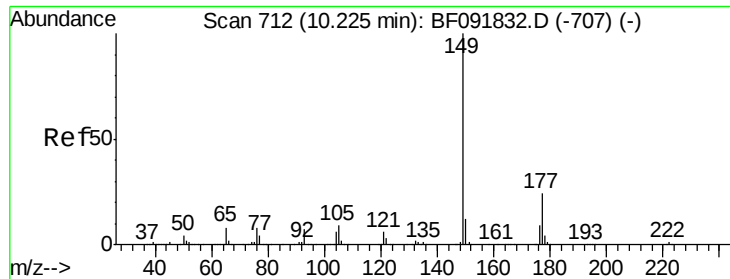
Sohil
 1/9/2017 10:47:40 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.18 ng
 RT: 10.01 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.7	40.1	60.1
130	2.2	1.8	2.8
166	30.2	26.6	39.8





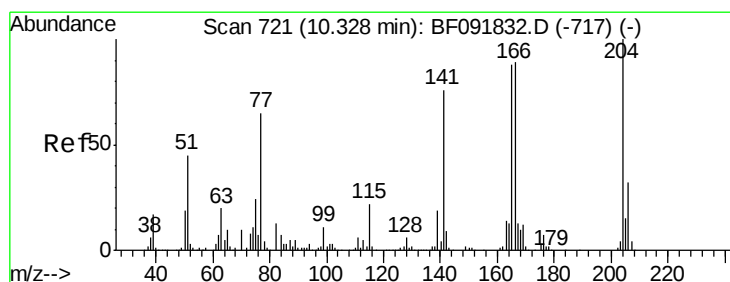
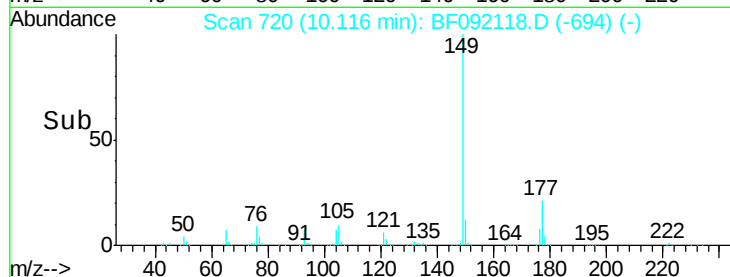
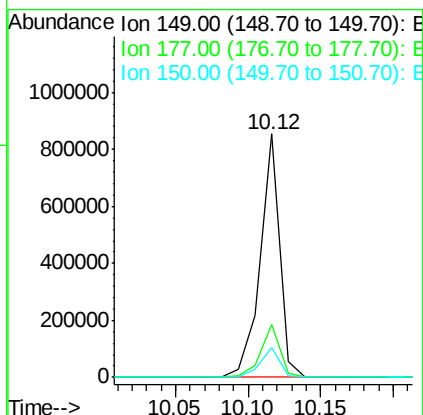
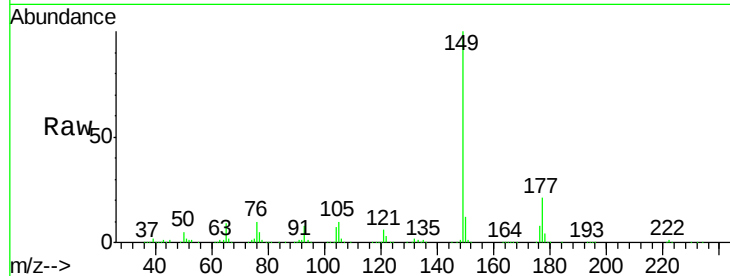
#59
Diethylphthalate
Concen: 39.44 ng
RT: 10.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampled :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	797195		
177	21.5	16.6	25.0	
150	12.3	10.4	15.6	

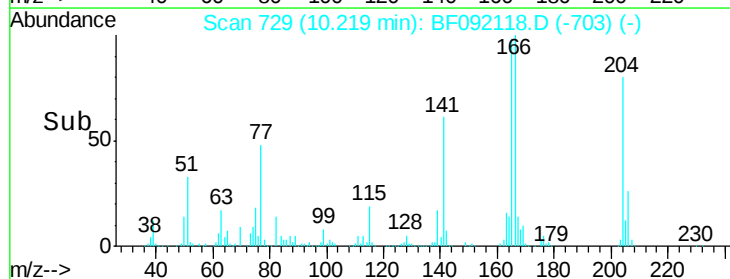
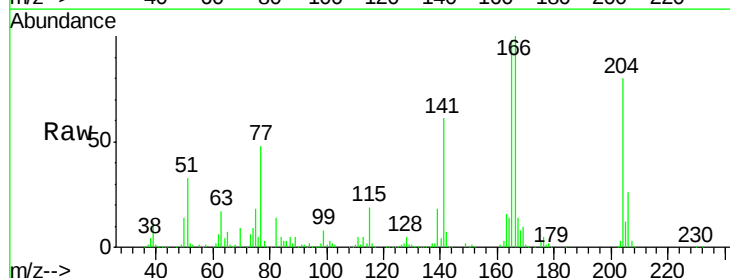
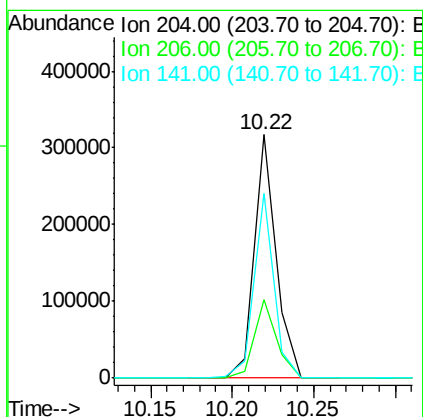
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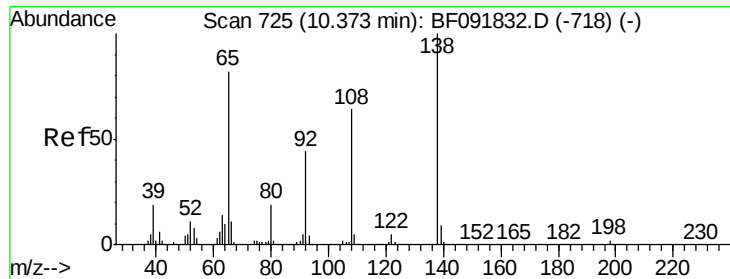
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.15 ng
RT: 10.22 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	294050		
206	32.4	25.8	38.6	
141	76.0	59.4	89.0	





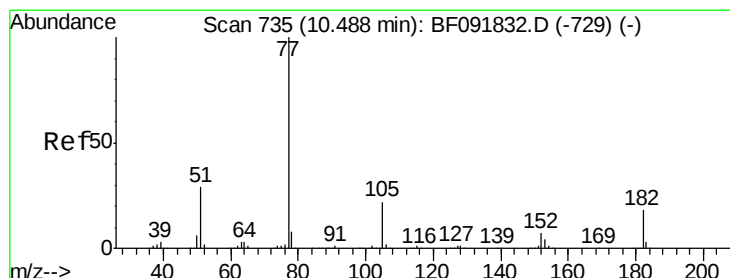
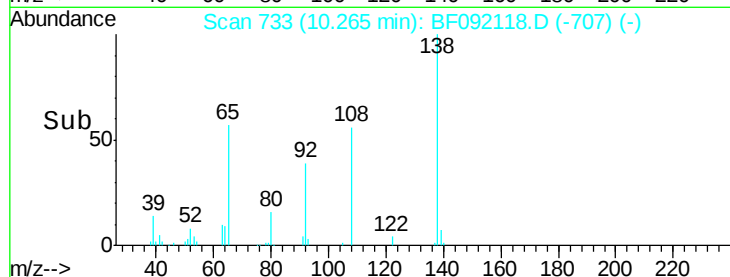
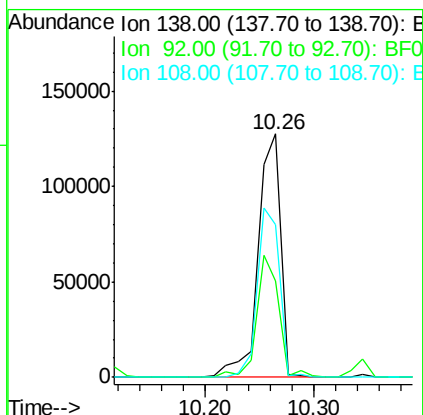
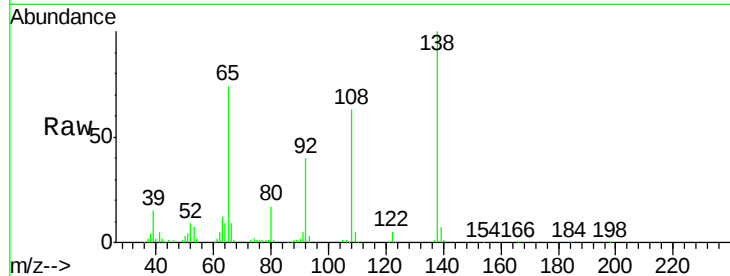
#61
4-Nitroaniline
Concen: 31.89 ng
RT: 10.26 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	39.6	31.7	71.7
108	62.5	52.6	92.6

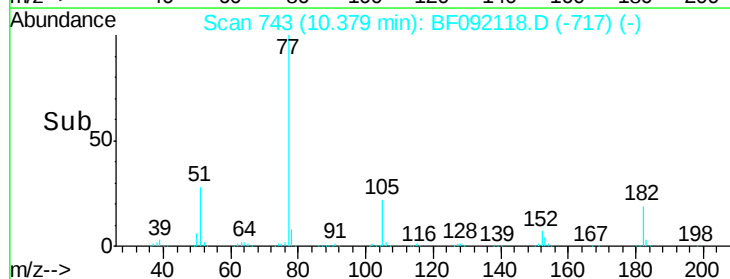
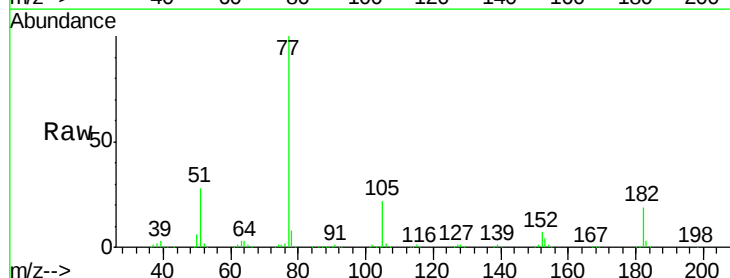
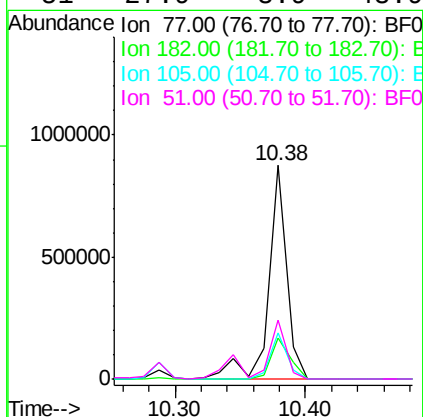
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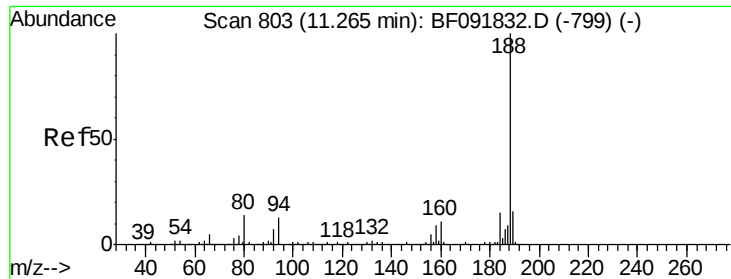
Sohil
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#62
Azobenzene
Concen: 38.85 ng
RT: 10.38 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.9	0.0	39.3
105	21.7	2.3	42.3
51	27.9	8.9	48.9





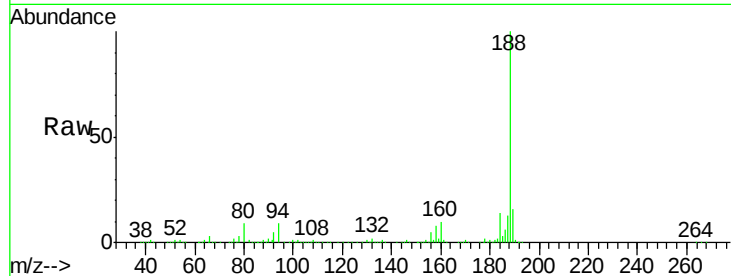
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	501680		
94	8.6	10.0	15.0#	
80	9.3	11.2	16.8#	

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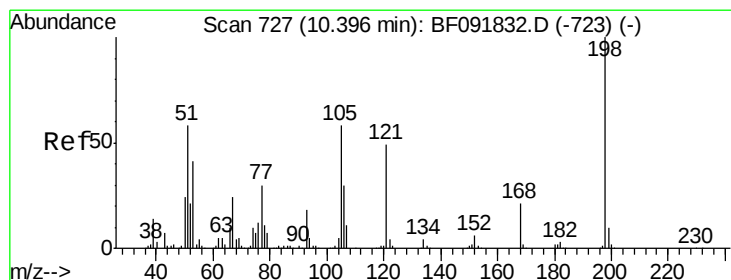
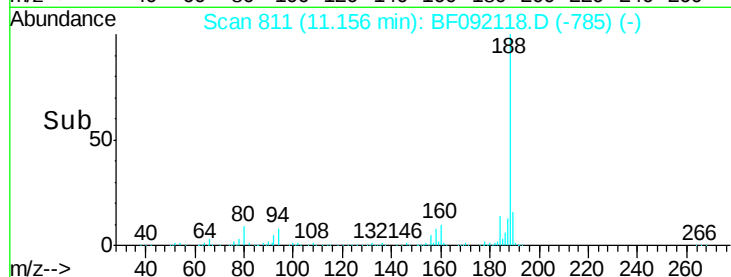
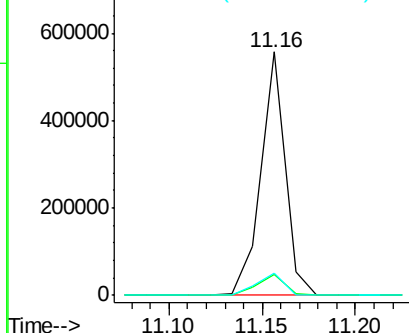
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Abundance Ion 188.00 (187.70 to 188.70): E

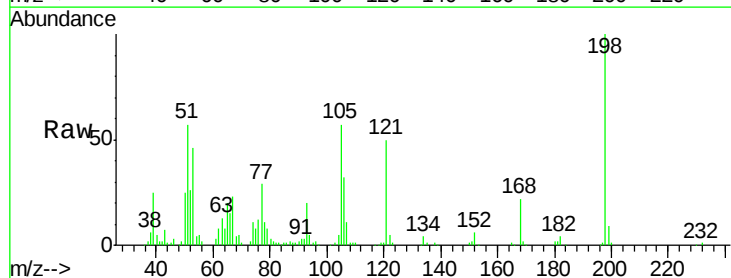
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 36.19 ng
RT: 10.29 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

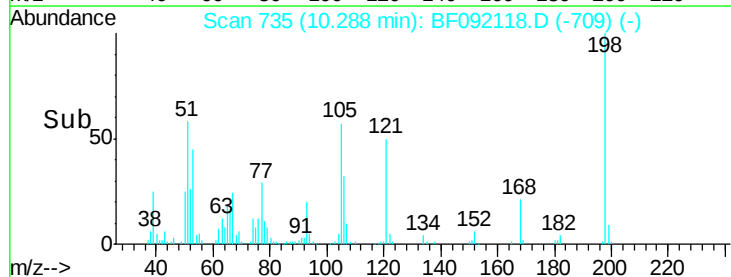
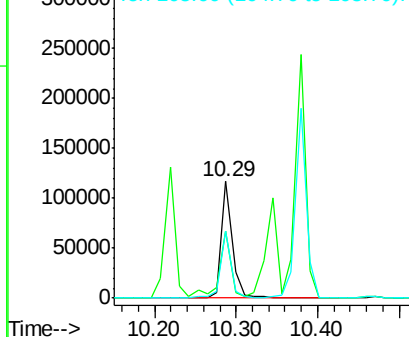
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	109776		
51	57.4	6.7	46.7#	
105	57.1	16.6	56.6#	

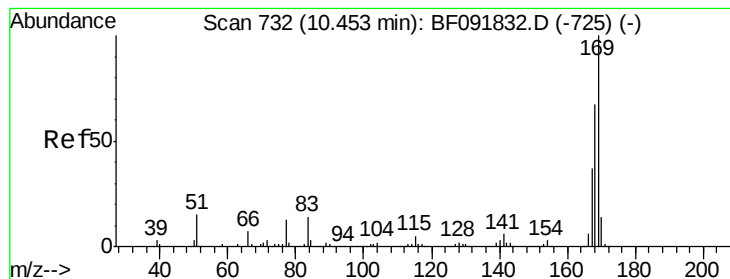


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





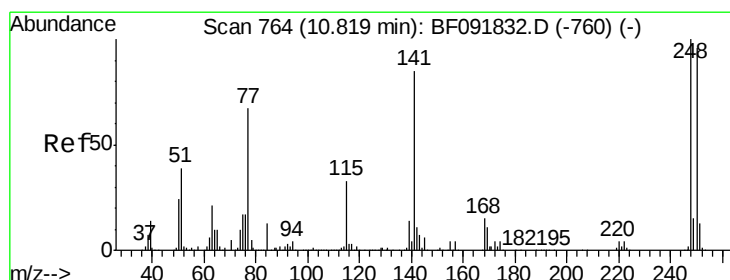
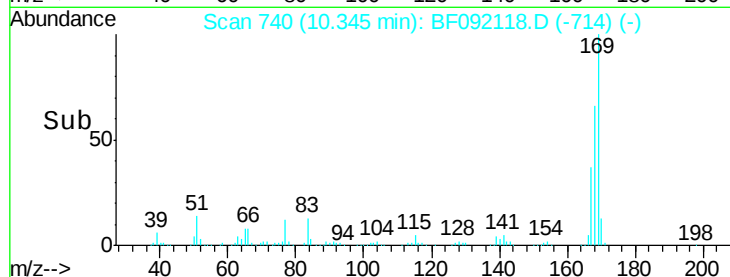
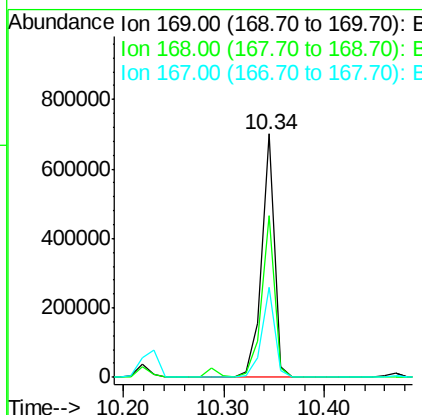
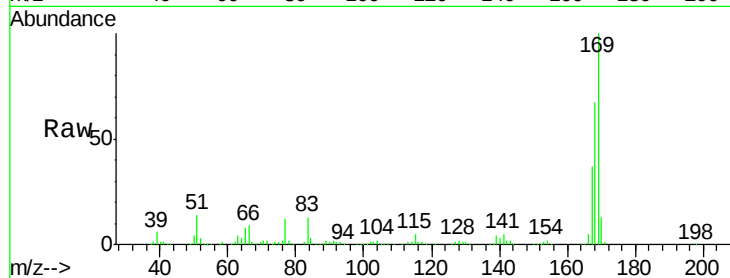
#65
n-Nitrosodiphenylamine
Concen: 41.86 ng
RT: 10.34 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.2
167	37.1	30.2	45.4

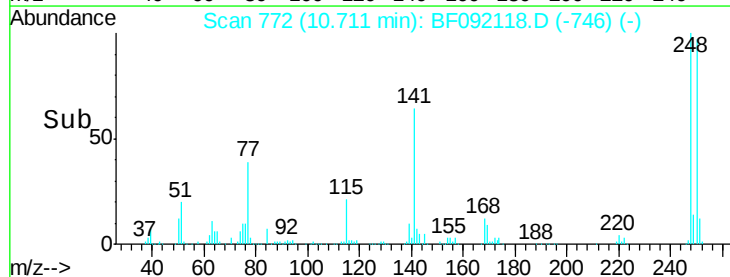
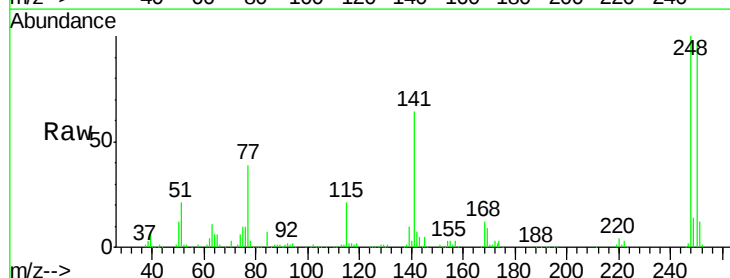
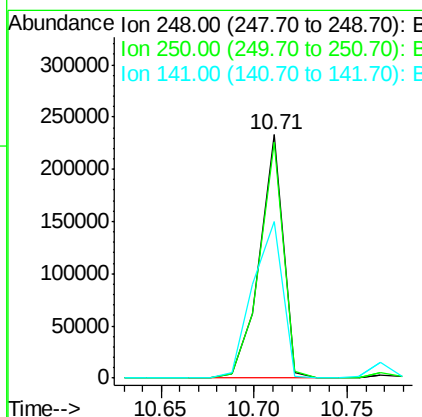
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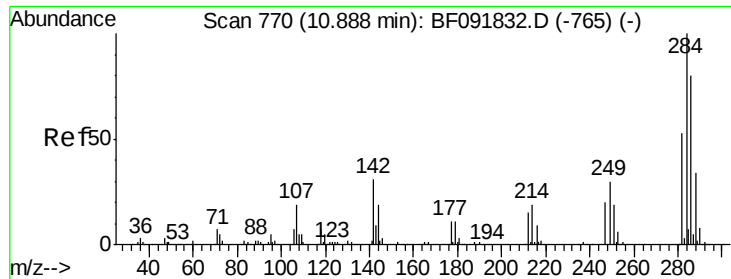
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#66
4-Bromophenyl-phenylether
Concen: 40.03 ng
RT: 10.71 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.7	76.9	115.3
141	64.1	68.2	102.4





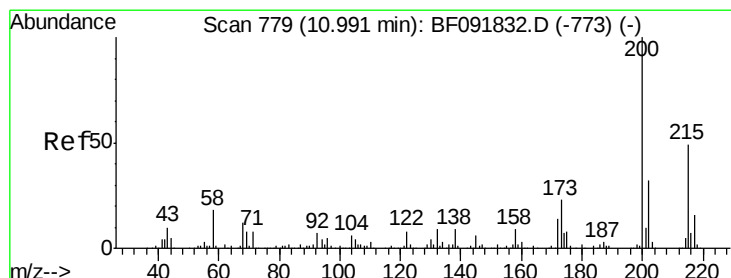
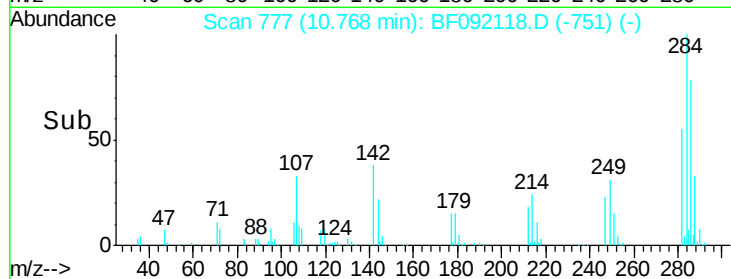
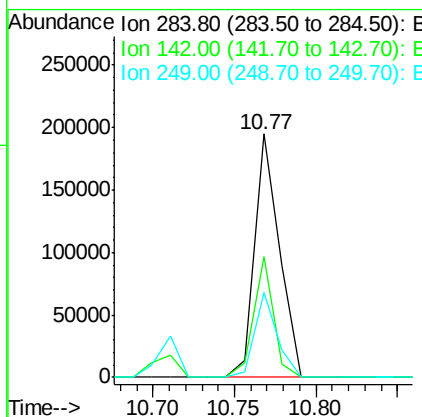
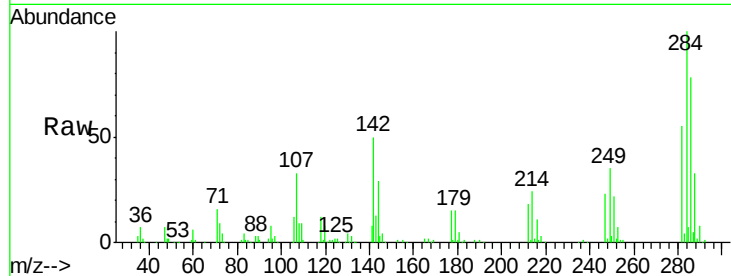
#67
Hexachlorobenzene
Concen: 36.80 ng
RT: 10.77 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	205289		
142	49.8	22.6	33.8#	
249	35.1	25.4	38.0	

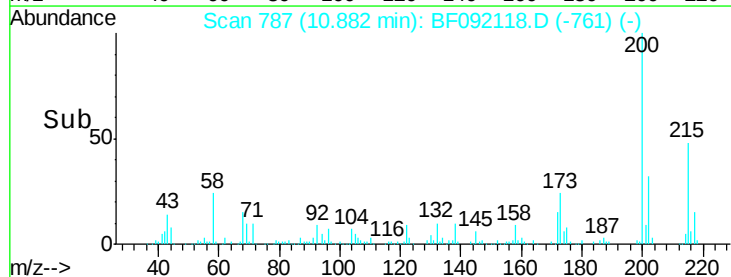
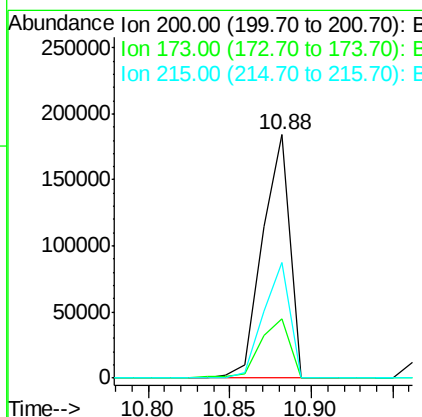
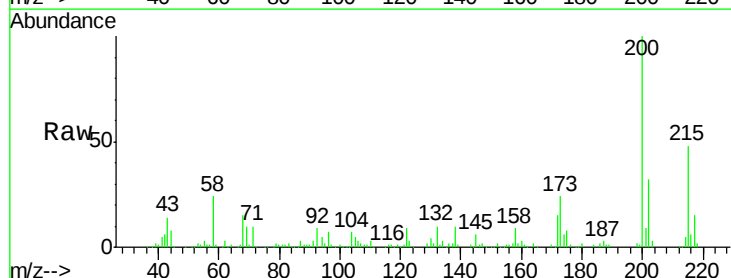
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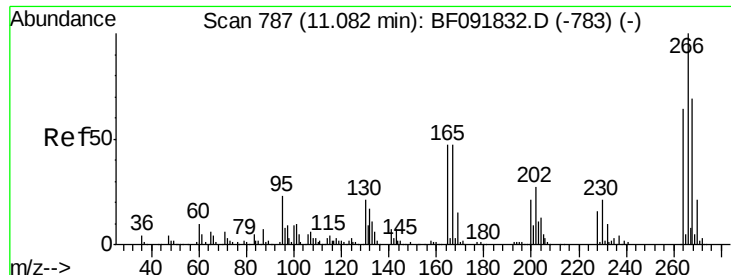
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#68
Atrazine
Concen: 44.52 ng
RT: 10.88 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	213764		
173	24.3	9.6	49.6	
215	47.5	25.7	65.7	





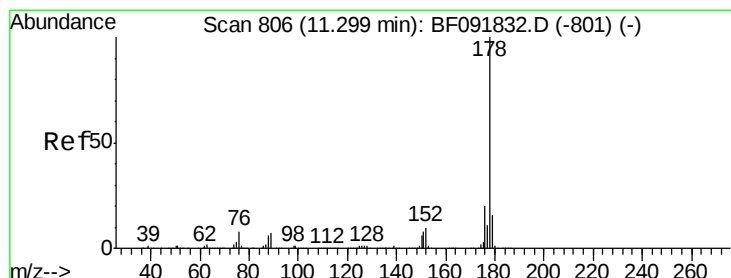
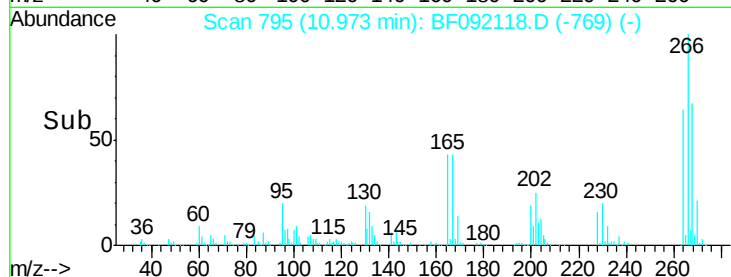
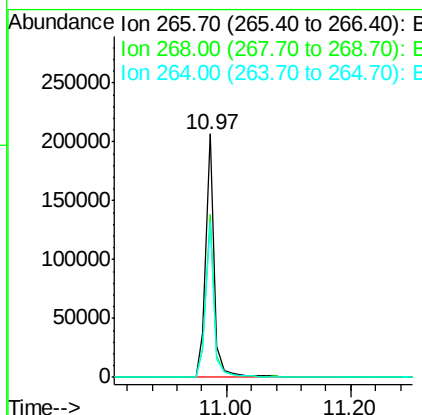
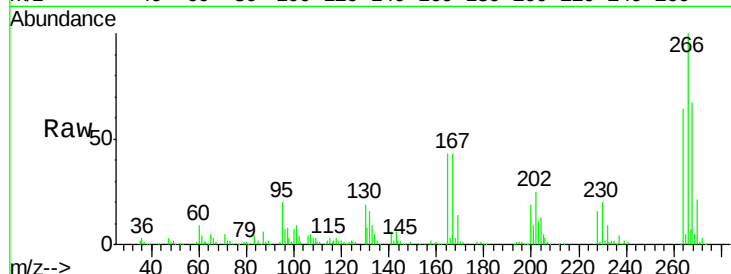
#69
 Pentachlorophenol
 Concen: 74.20 ng
 RT: 10.97 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampled :
 PB95795BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	63.6	50.3	75.5

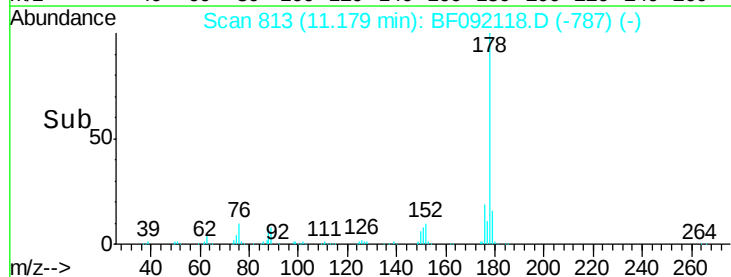
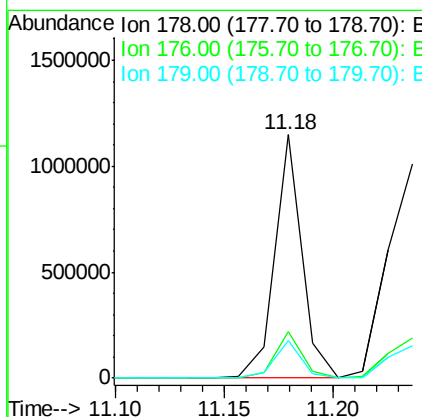
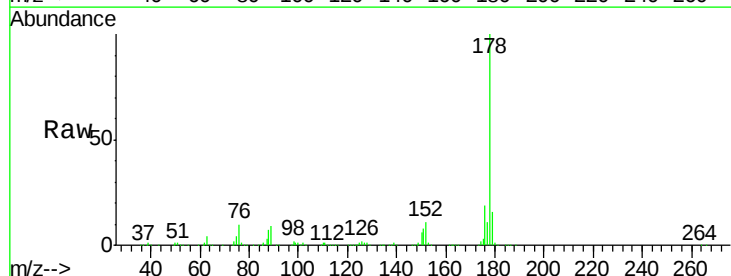
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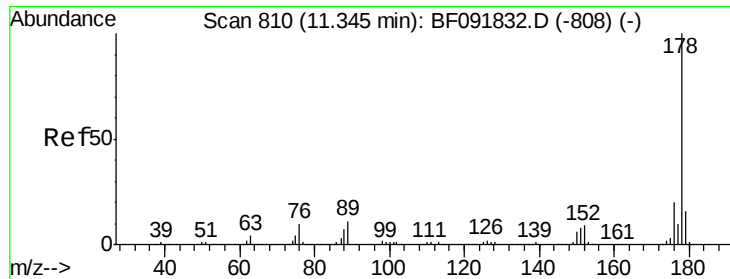
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#70
 Phenanthrene
 Concen: 37.16 ng
 RT: 11.18 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.7	12.8	19.2





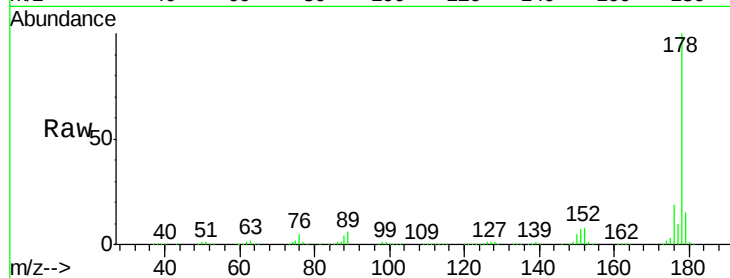
#71
 Anthracene
 Concen: 48.38 ng
 RT: 11.24 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

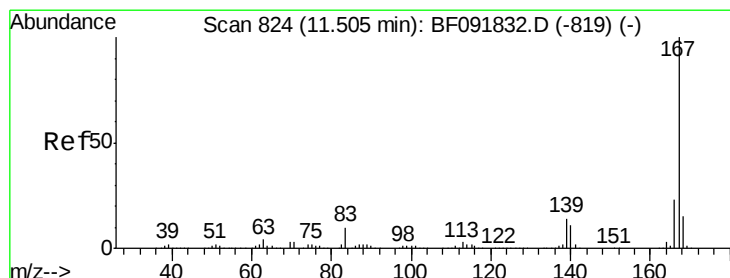
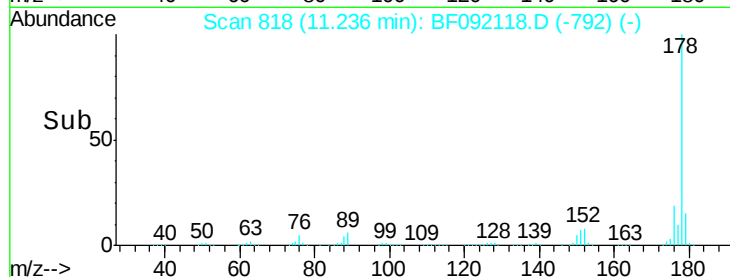
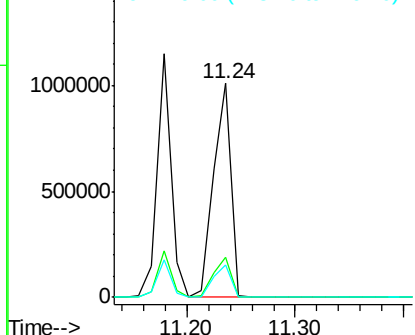
Tot Ion:178 Resp: 1136936
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.1 13.2 19.8

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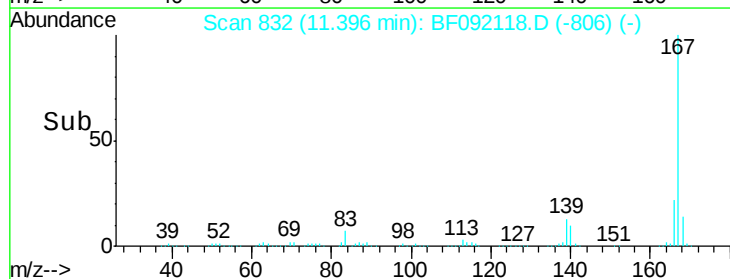
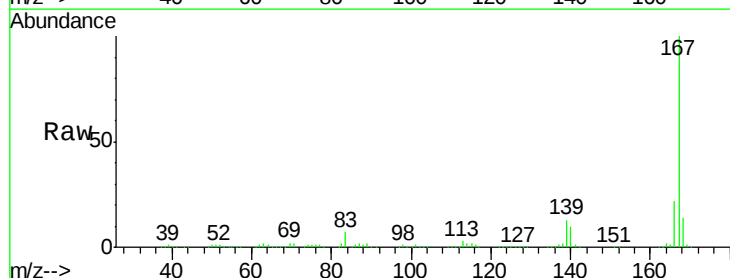
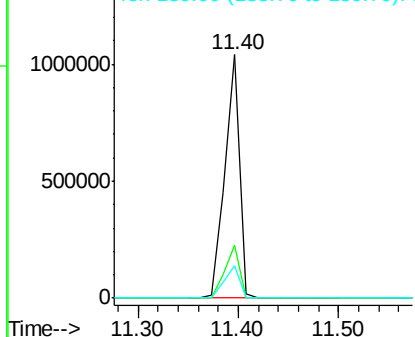
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

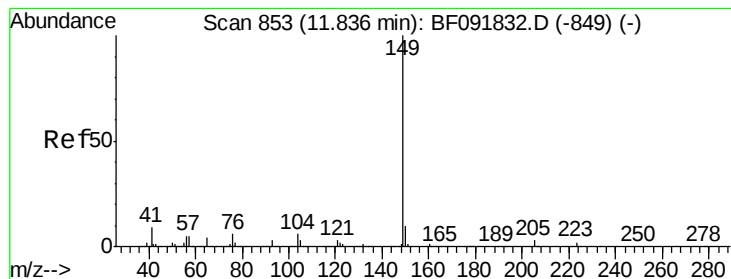


#72
 Carbazole
 Concen: 48.66 ng
 RT: 11.40 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion:167 Resp: 1050574
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.2 27.2
 139 13.2 11.4 17.2

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: 44.58 ng

RT: 11.73 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB95795BS

Tot Ion:149 Resp: 1150166

Ion Ratio Lower Upper

149 100

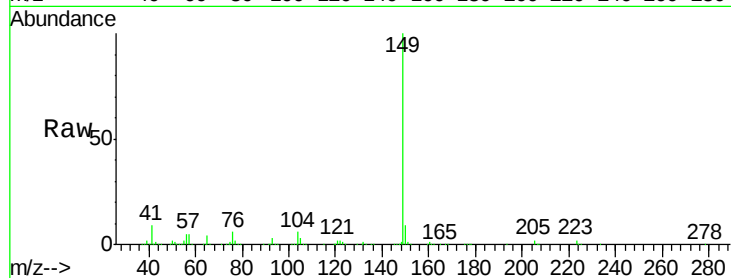
150 9.4 8.1 12.1

104 5.7 4.6 7.0

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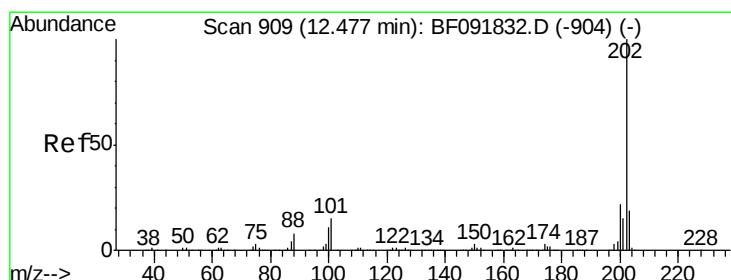
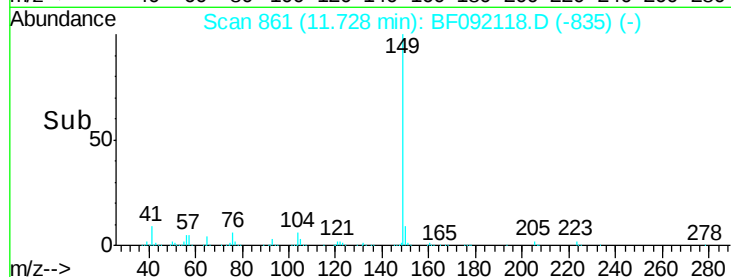
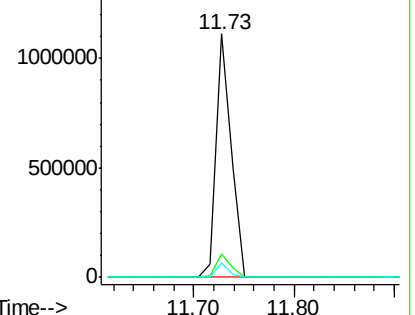
1/9/2017 10:47:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E

1500000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.22 ng

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

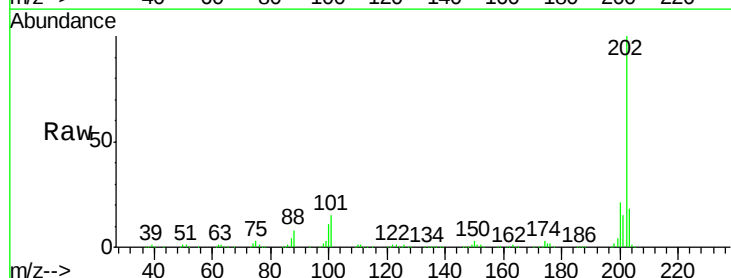
Tgt Ion:202 Resp: 1078763

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.6

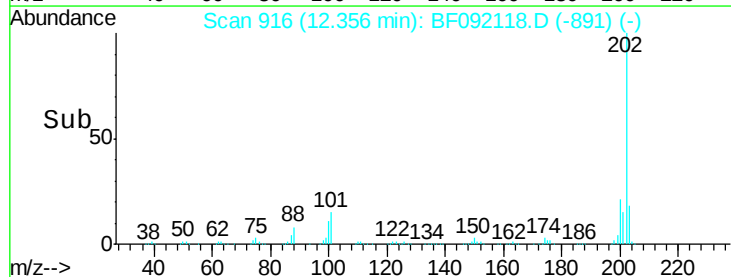
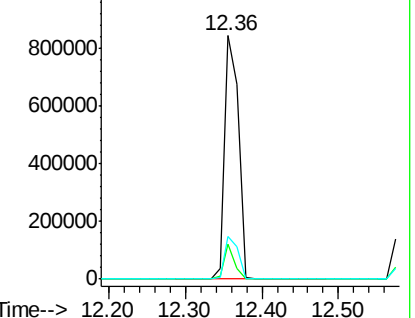
203 17.6 0.0 38.7

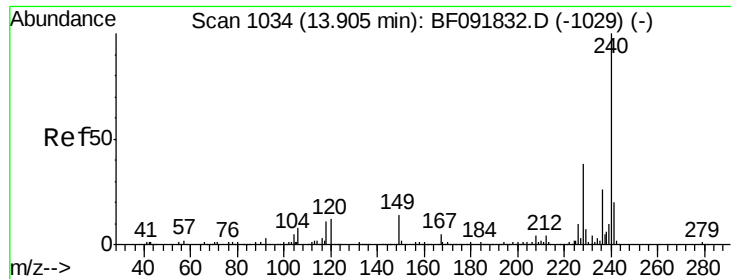


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

ClientSampled :

PB95795BS

Tot Ion:240 Resp: 360128
Ion Ratio Lower Upper

240 100

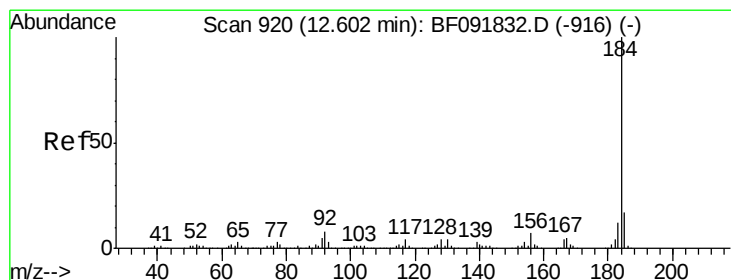
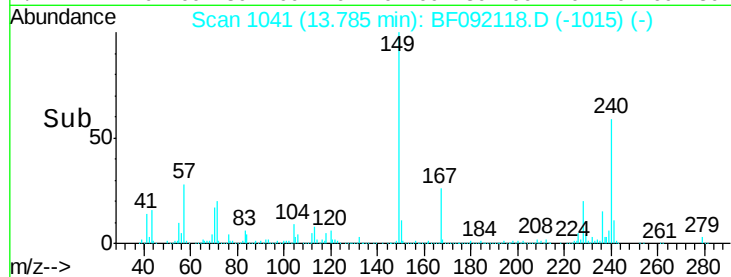
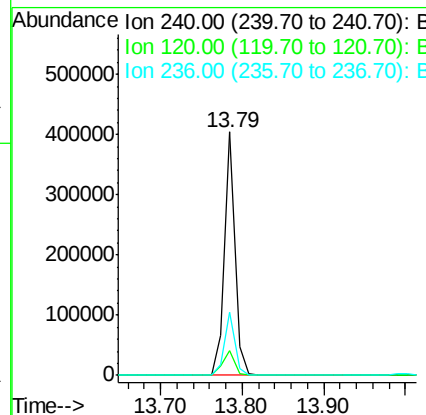
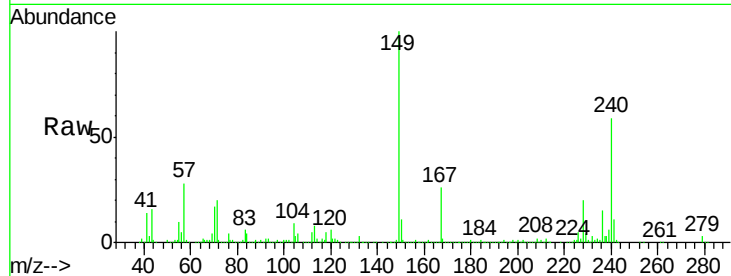
120 10.0 12.9 19.3#

236 25.9 20.9 31.3

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#76

Benzidine

Concen: 43.82 ng

RT: 12.49 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF092118.D

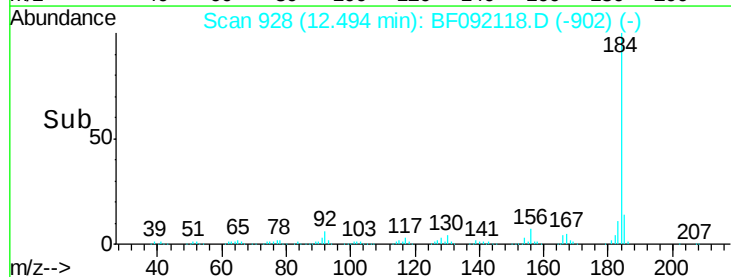
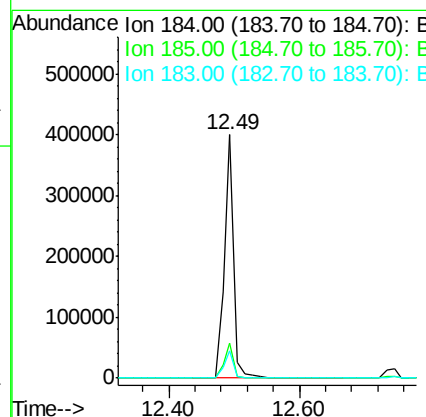
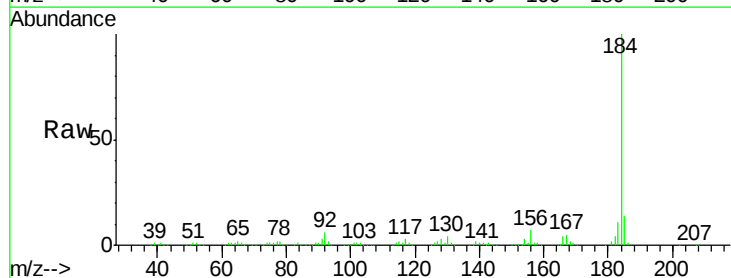
Acq: 6 Jan 2017 15:47

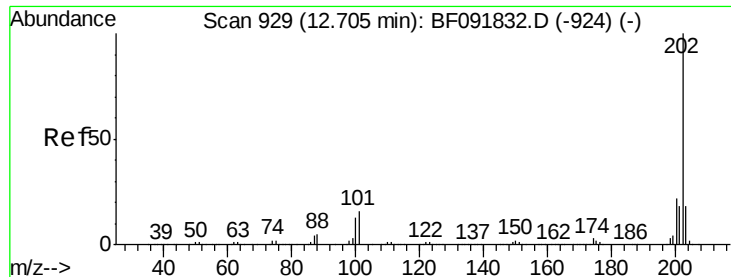
Tgt Ion:184 Resp: 404136
Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

183 11.2 9.2 13.8





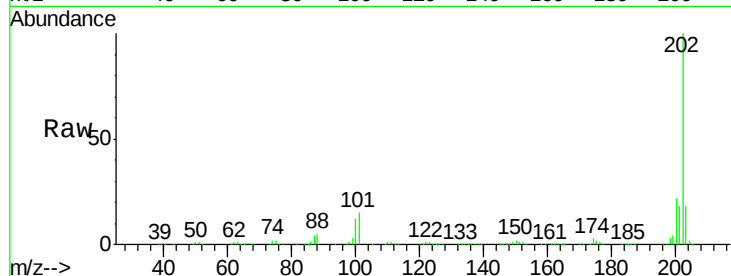
#77
Pvrene
Concen: 38.75 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

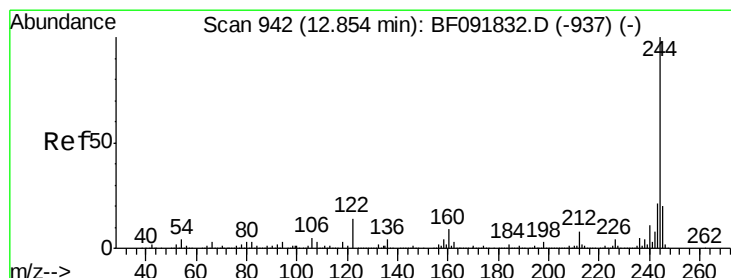
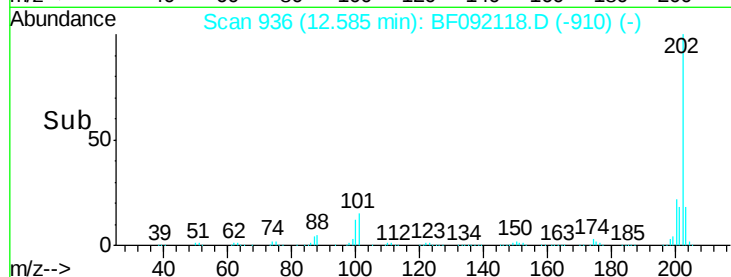
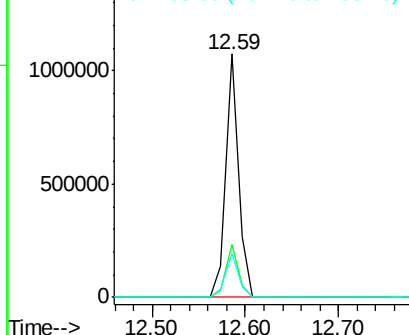
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	18.0	14.7	22.1

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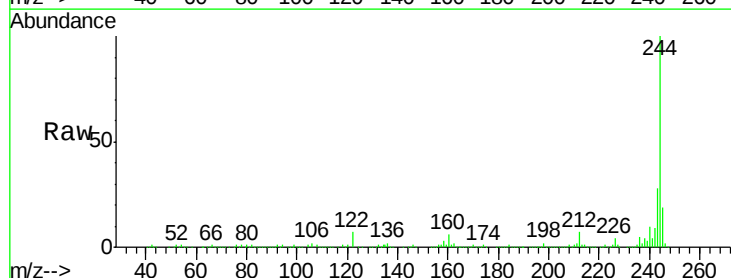


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

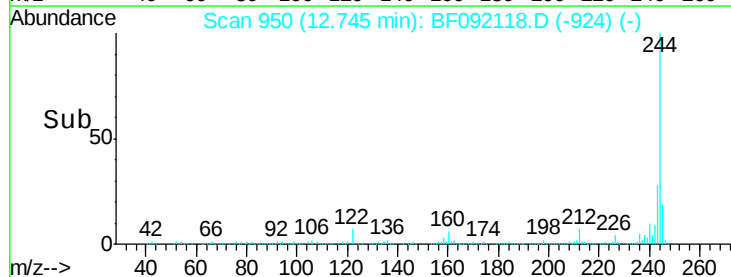
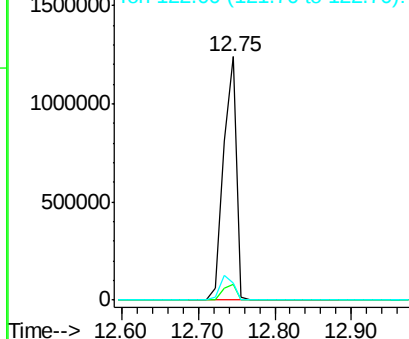


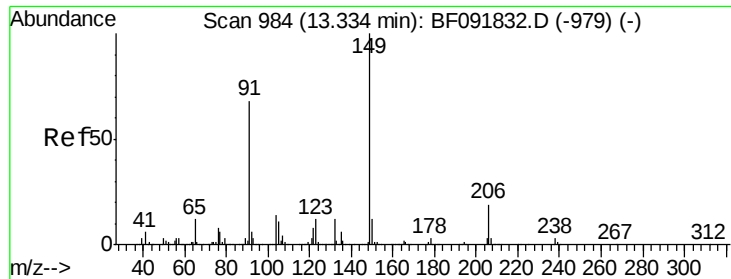
#78
Terphenyl-d14
Concen: 98.59 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.2	9.2
122	7.2	11.4	17.2



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





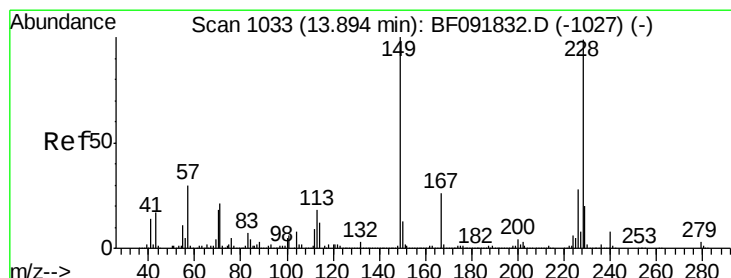
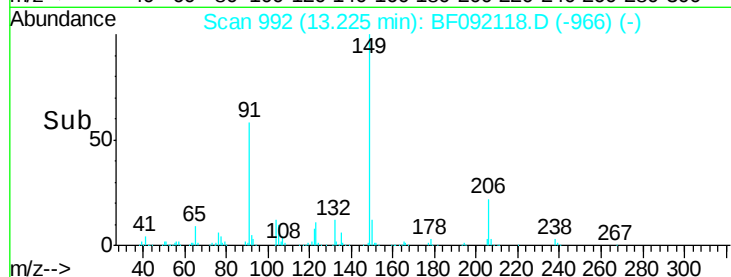
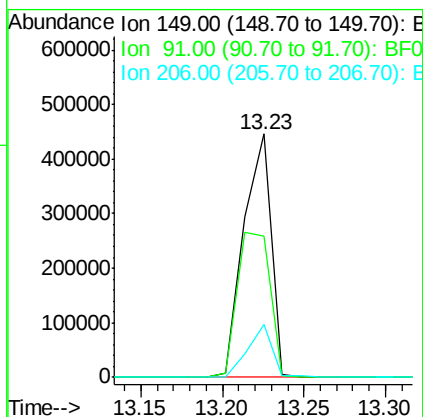
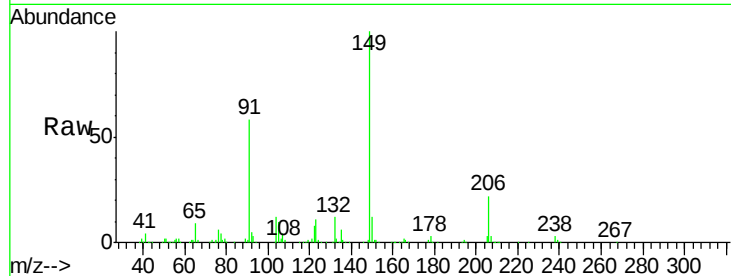
#79
Butylbenzylphthalate
Concen: 43.01 ng
RT: 13.23 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleID :
PB95795BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	58.2	63.9	95.9#
206	21.8	14.6	21.8

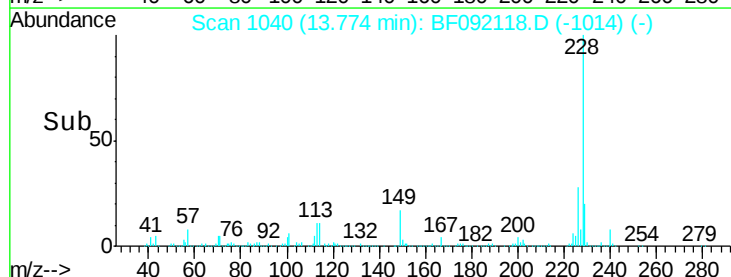
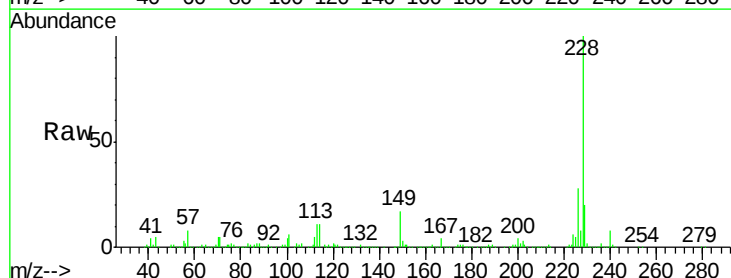
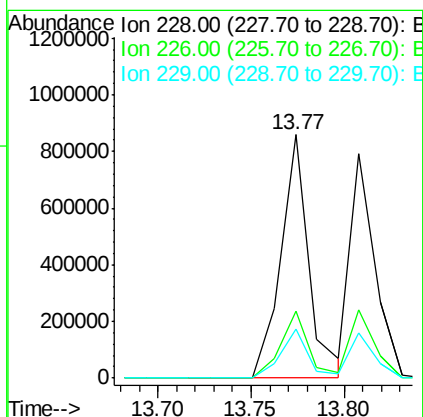
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#80
Benzo(a)anthracene
Concen: 44.44 ng
RT: 13.77 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	20.0	16.2	24.4





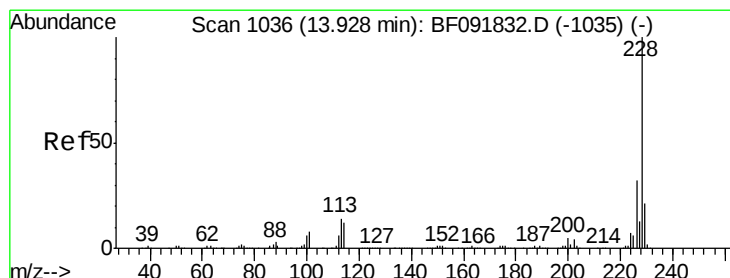
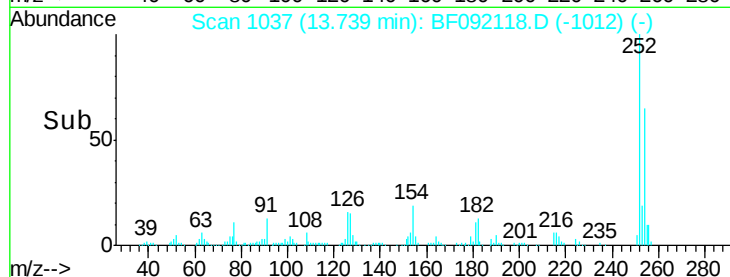
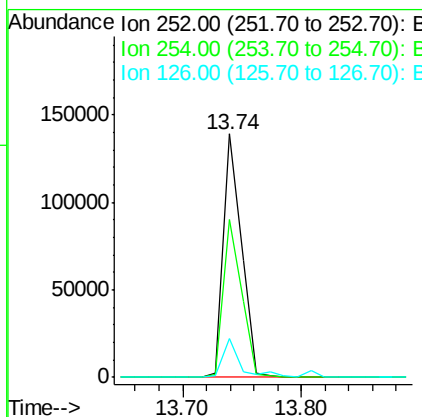
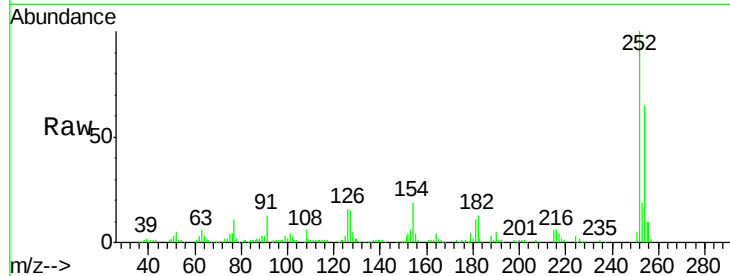
#81
 3,3'-Dichlorobenzidine
 Concen: 18.95 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	15.9	13.6	20.4

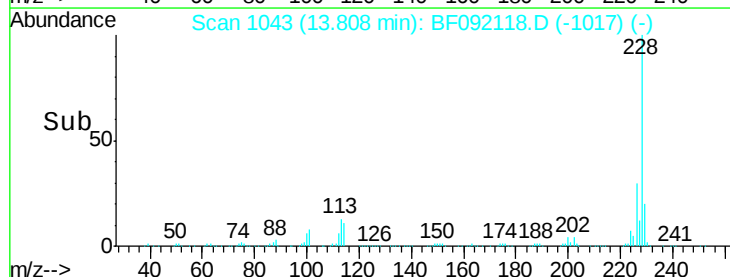
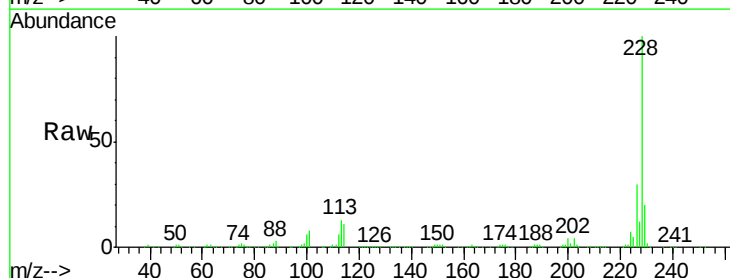
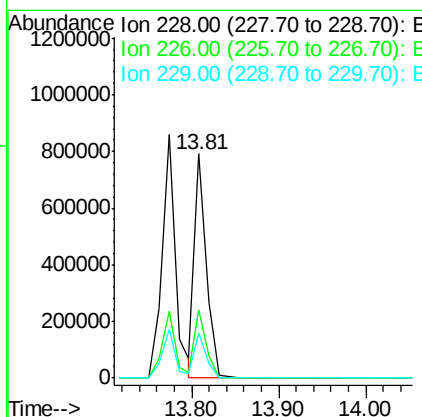
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#82
 Chrysene
 Concen: 36.40 ng
 RT: 13.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.35 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

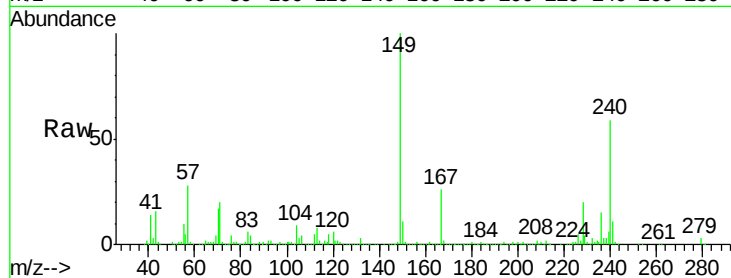
ClientSampleId :

PB95795BS

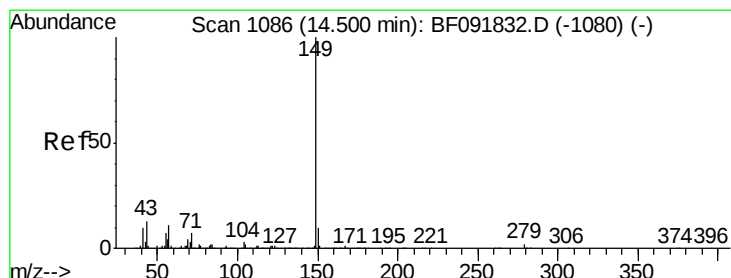
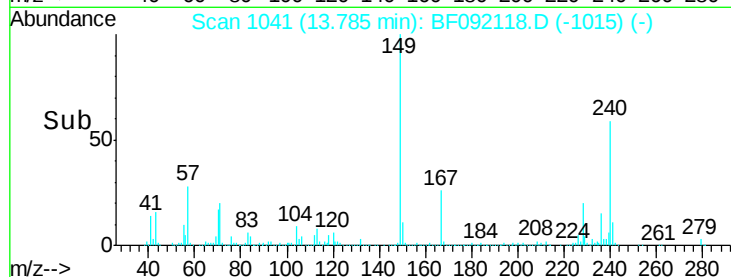
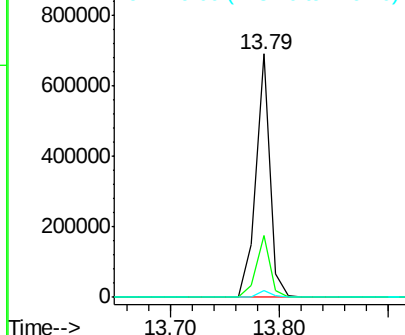
Tot Ion:	149	Resp:	627615
Ion Ratio	Lower	Upper	
149	100		
167	25.6	20.2	30.4
279	2.7	1.8	2.8

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



#84

Di-n-octyl phthalate

Concen: 39.10 ng

RT: 14.39 min Scan# 1094

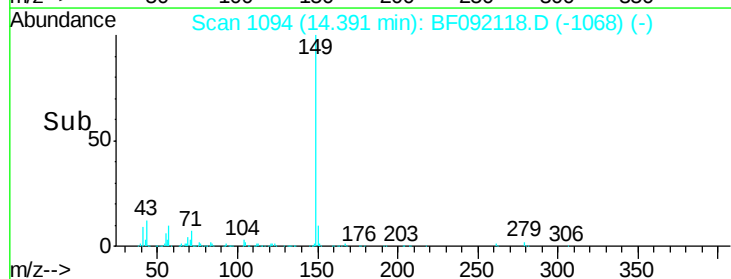
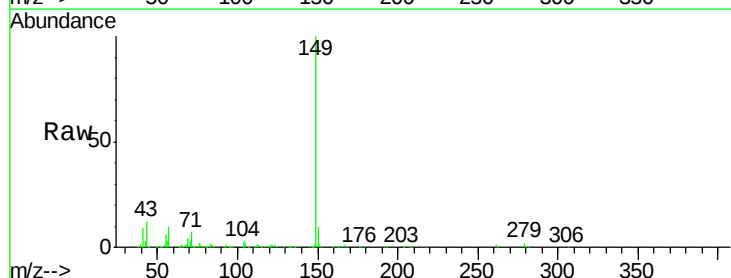
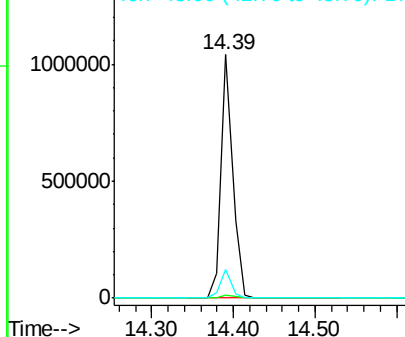
Delta R.T. 0.00 min

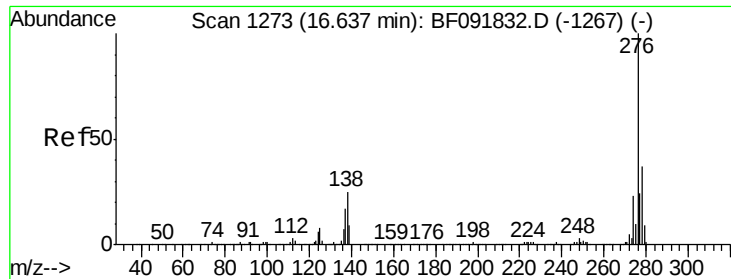
Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Tgt Ion:	149	Resp:	1025128
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.9	8.9	13.3

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.66 ng

RT: 16.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Instrument :

BNA_F

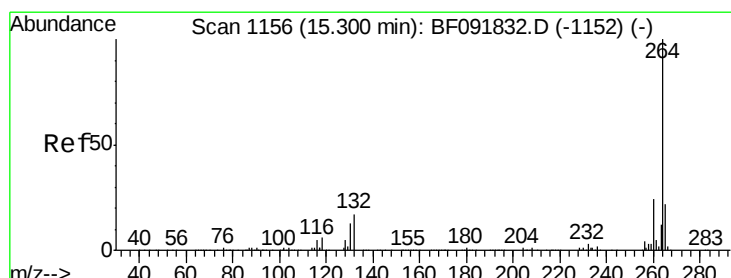
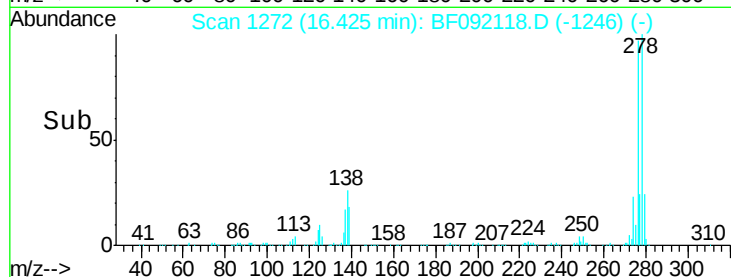
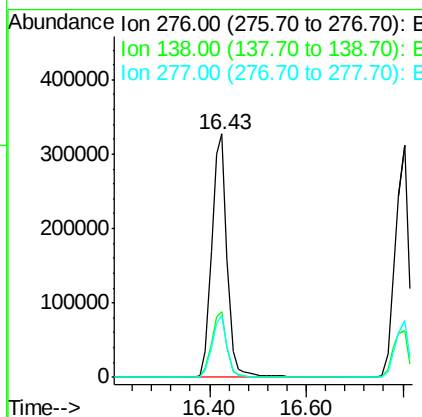
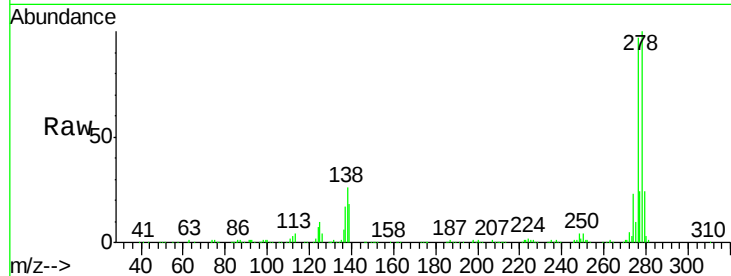
ClientSampleId :

PB95795BS

Tot Ion:	276	Resp:	735837
Ion Ratio	Lower	Upper	
276	100		
138	26.9	21.8	32.6
277	24.9	20.2	30.4

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#86

Perylene-d12

Concen: 20.00 ng

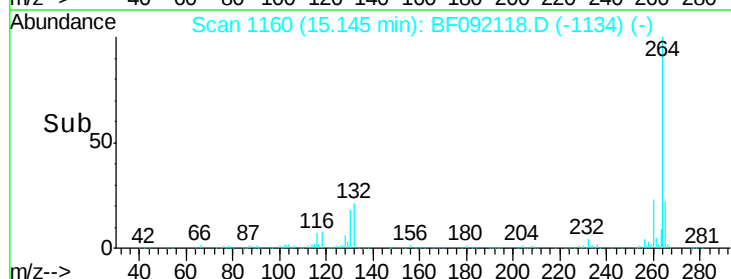
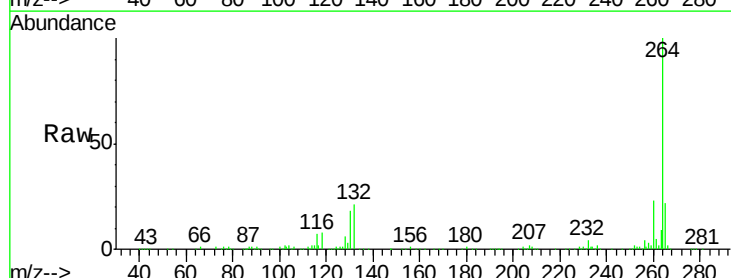
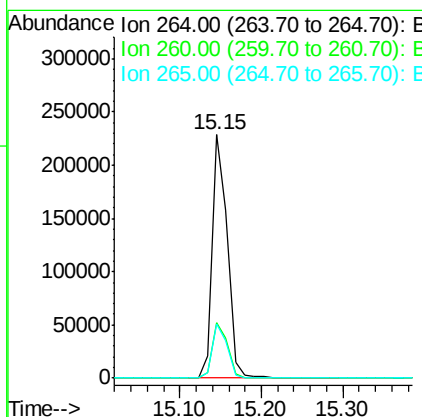
RT: 15.15 min Scan# 1160

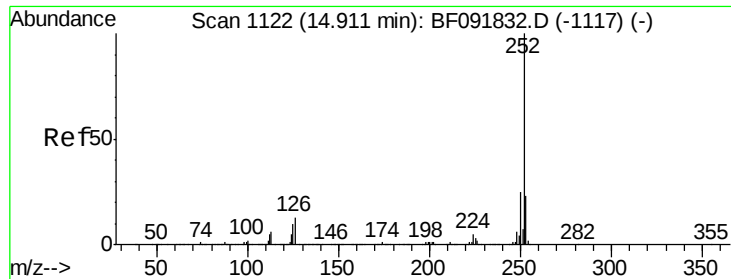
Delta R.T. 0.00 min

Lab File: BF092118.D

Acq: 6 Jan 2017 15:47

Tgt Ion:	264	Resp:	295491
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	22.1	17.4	26.0





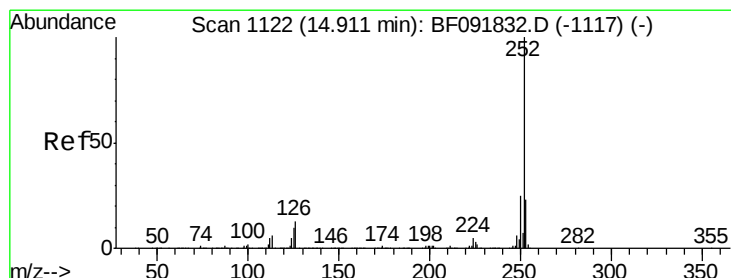
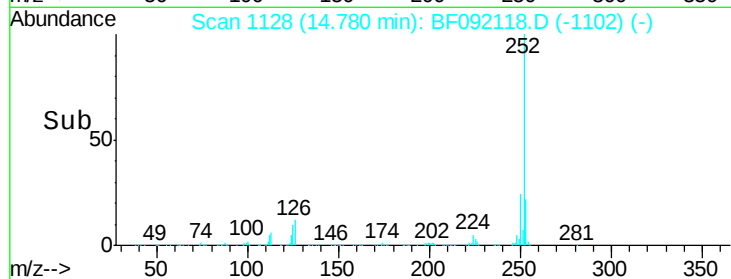
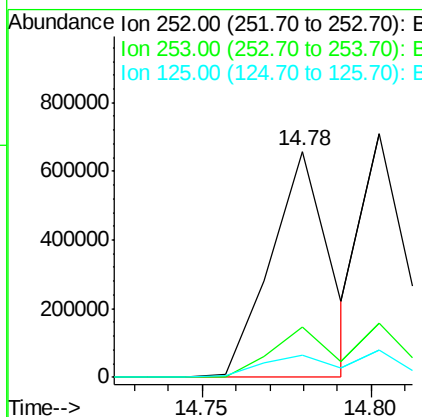
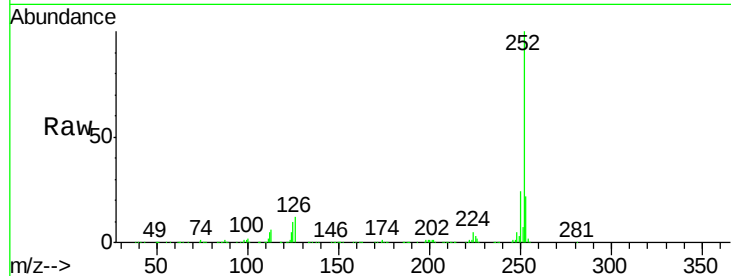
#87
Benzo(b)fluoranthene
Concen: 43.54 ng m
RT: 14.78 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	9.5	9.8	14.6

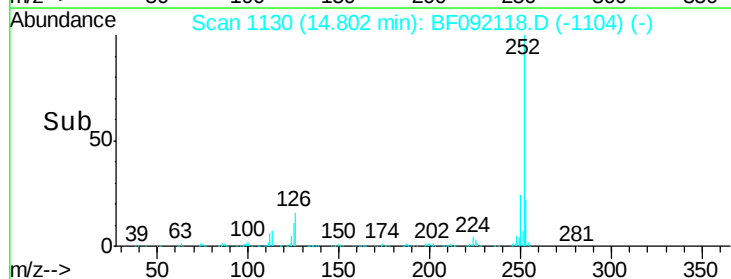
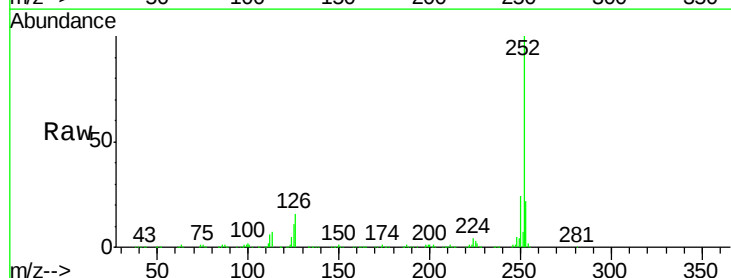
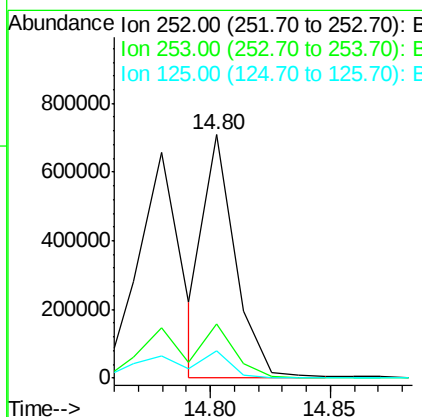
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#88
Benzo(k)fluoranthene
Concen: 40.73 ng m
RT: 14.80 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	11.3	8.9	13.3





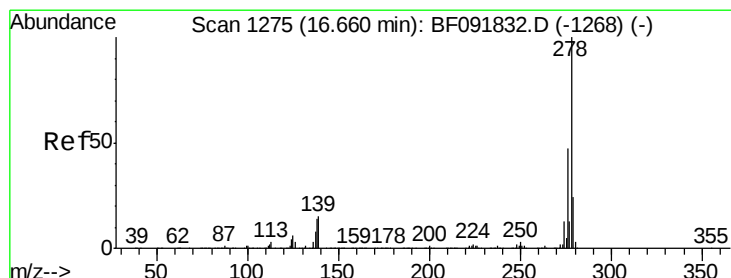
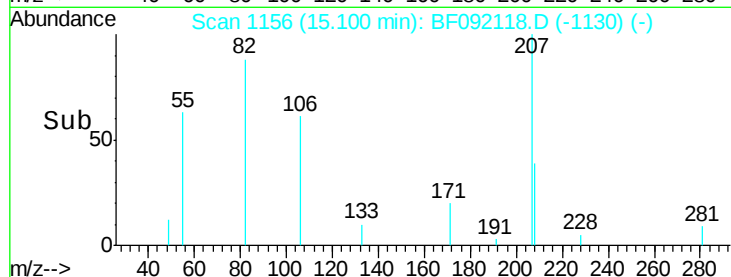
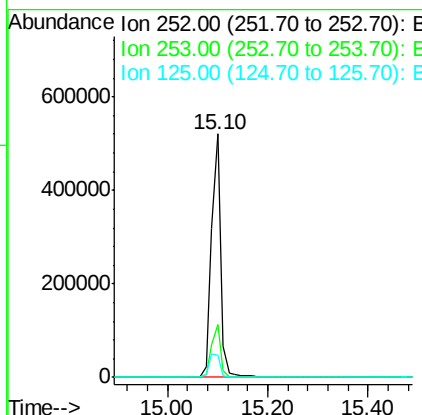
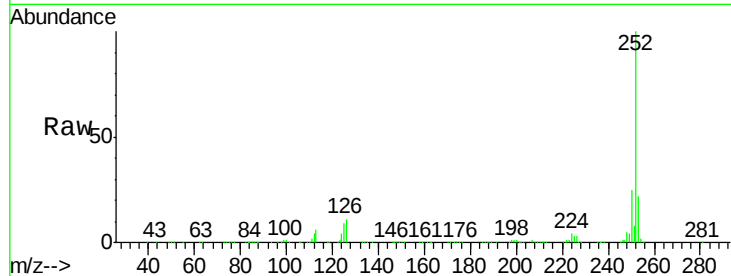
#89
Benzo(a)pyrene
Concen: 40.24 ng
RT: 15.10 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB95795BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.0	10.0	15.0

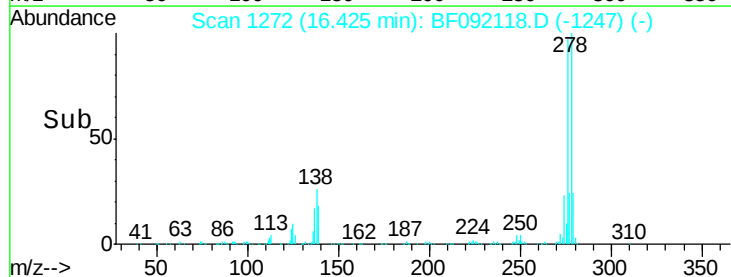
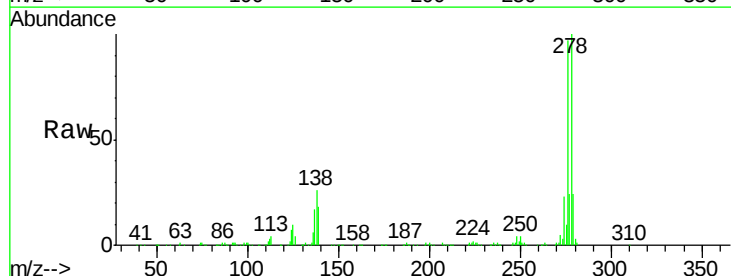
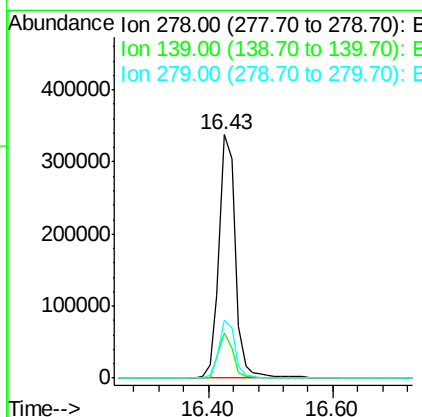
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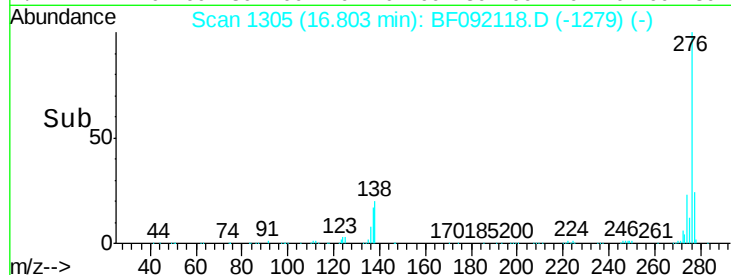
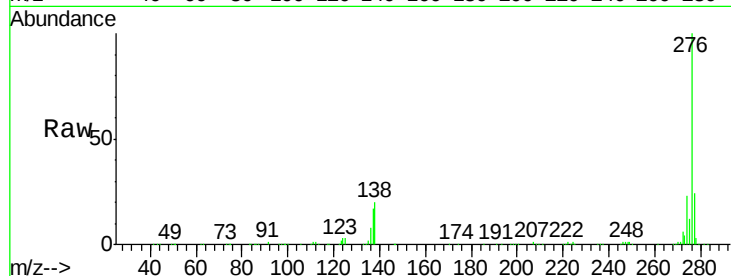
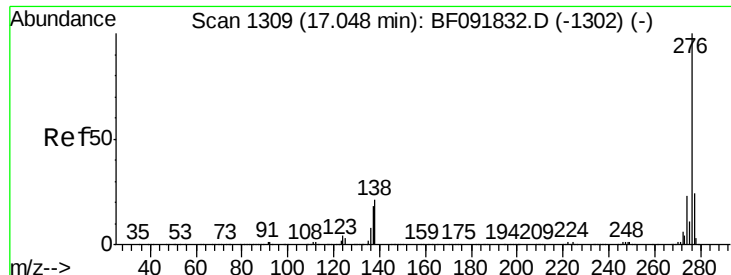
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#90
Dibenzo(a,h)anthracene
Concen: 45.85 ng
RT: 16.43 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF092118.D
Acq: 6 Jan 2017 15:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.8	22.2
279	23.7	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 44.23 ng
 RT: 16.80 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF092118.D
 Acq: 6 Jan 2017 15:47

Instrument :
 BNA_F
 ClientSampleId :
 PB95795BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	20.1	16.0	24.0

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