

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
 Data File : BF093007.D
 Acq On : 17 Feb 2017 13:46
 Operator : SJ/MA
 Sample : PB97012BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Manual Integrations
 APPROVED

mohammad
 2/20/2017 12:59:35 PM

Quant Time: Feb 17 22:33:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	175499	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	701695	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	368049	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	620839	20.00	ng	0.00
75) Chrysene-d12	14.02	240	549988	20.00	ng	0.00
86) Perylene-d12	15.45	264	477150	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1392674	136.14	ng	0.02
7) Phenol-d6	6.50	99	1612442	122.51	ng	0.01
23) Nitrobenzene-d5	7.42	82	1042915	82.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	373729	140.40	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1725224	84.92	ng	0.00
78) Terphenyl-d14	12.97	244	1671519	71.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	206650	37.39	ng	# 84
3) Pyridine	3.24	79	552409	39.30	ng	90
4) n-Nitrosodimethylamine	3.21	42	290565	44.03	ng	90
6) Aniline	6.52	93	354074	19.72	ng	# 51
8) 2-Chlorophenol	6.64	128	481724	42.69	ng	87
9) Benzaldehyde	6.40	77	108676	11.53	ng	94
10) Phenol	6.51	94	580038	37.67	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	472135	38.41	ng	90
12) 1,3-Dichlorobenzene	6.80	146	570347	43.15	ng	99
13) 1,4-Dichlorobenzene	6.86	146	552037	41.26	ng	99
14) 1,2-Dichlorobenzene	7.02	146	551448	43.11	ng	96
15) Benzyl Alcohol	7.00	79	418984	43.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	910676	42.65	ng	94
17) 2-Methylphenol	7.12	107	419002	43.28	ng	97
18) Hexachloroethane	7.37	117	196742	43.08	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	355751	42.46	ng	99
20) 3+4-Methylphenols	7.28	107	522179	45.11	ng	91
22) Acetophenone	7.26	105	663094	41.39	ng	# 93
24) Nitrobenzene	7.45	77	553454	42.78	ng	# 80
25) Isophorone	7.69	82	1032258	43.96	ng	99
26) 2-Nitrophenol	7.76	139	275069	44.72	ng	98
27) 2,4-Dimethylphenol	7.80	122	498416	46.14	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	648739	41.72	ng	99
29) 2,4-Dichlorophenol	8.01	162	451913	44.86	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	455930	42.00	ng	99
31) Naphthalene	8.17	128	1447341	40.69	ng	98
32) Benzoic acid	7.94	122	306057	49.71	ng	96
33) 4-Chloroaniline	8.21	127	153139	10.98	ng	98
34) Hexachlorobutadiene	8.28	225	242549	40.61	ng	98
35) Caprolactam	8.59	113	142594m	45.00	ng	
36) 4-Chloro-3-methylphenol	8.70	107	453906	43.22	ng	100
37) 2-Methylnaphthalene	8.85	142	947394	41.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	438319	42.43	ng	99
40) Hexachlorocyclopentadiene	9.00	237	371837	79.77	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	321365m	47.34	ng	
43) 2,4,5-Trichlorophenol	9.18	196	326857m	43.94	ng	
45) 1,1'-Biphenyl	9.32	154	1213156	45.52	ng	99
46) 2-Chloronaphthalene	9.34	162	933676	44.78	ng	99
47) 2-Nitroaniline	9.45	65	317160	45.25	ng	# 73
48) Acenaphthylene	9.76	152	1387285	38.52	ng	99
49) Dimethylphthalate	9.63	163	1137418	45.88	ng	99
50) 2,6-Dinitrotoluene	9.69	165	250435	46.78	ng	# 92
51) Acenaphthene	9.93	154	921117	42.78	ng	97
52) 3-Nitroaniline	9.85	138	119480	19.50	ng	92
53) 2,4-Dinitrophenol	9.96	184	226075	82.83	ng	# 59
54) Dibenzofuran	10.10	168	1171739	40.68	ng	98
55) 4-Nitrophenol	10.03	139	346612	78.55	ng	92
56) 2,4-Dinitrotoluene	10.10	165	319290	44.80	ng	# 83
57) Fluorene	10.44	166	855851	38.63	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246827	49.74	ng	97
59) Diethylphthalate	10.33	149	1055332	45.17	ng	# 93
60) 4-Chlorophenyl-phenylether	10.43	204	422405	39.68	ng	97
61) 4-Nitroaniline	10.48	138	276361	44.04	ng	86
62) Azobenzene	10.59	77	1164820	48.26	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	164890	43.88	ng	# 52
65) n-Nitrosodiphenylamine	10.56	169	799070	40.29	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	252859	38.98	ng	94
67) Hexachlorobenzene	10.99	284	257602	40.19	ng	# 88
68) Atrazine	11.09	200	278274	43.72	ng	90
69) Pentachlorophenol	11.18	266	294902	88.30	ng	95
70) Phenanthrene	11.40	178	1349060	37.93	ng	99
71) Anthracene	11.46	178	1522117	42.61	ng	99
72) Carbazole	11.62	167	1395718	40.88	ng	# 97
73) Di-n-butylphthalate	11.94	149	1526439	41.34	ng	98
74) Fluoranthene	12.59	202	1358773	37.03	ng	98
76) Benzidine	12.72	184	437319	18.66	ng	96
77) Pyrene	12.82	202	1374312	33.39	ng	100
79) Butylbenzylphthalate	13.44	149	691967	41.40	ng	93
80) Benzo(a)anthracene	14.01	228	1190697	35.40	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	279840	23.34	ng	# 94
82) Chrysene	14.04	228	1085904m	34.48	ng	
83) Bis(2-ethylhexyl)phthalate	14.00	149	966270	42.27	ng	# 96
84) Di-n-octyl phthalate	14.60	149	1599341	42.97	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1101161	45.14	ng	# 94
87) Benzo(b)fluoranthene	15.04	252	1208182	38.47	ng	99
88) Benzo(k)fluoranthene	15.07	252	1191723m	43.95	ng	
89) Benzo(a)pyrene	15.39	252	1133357	41.72	ng	98
90) Dibenzo(a,h)anthracene	16.88	278	925991	42.17	ng	98
91) Benzo(g,h,i)perylene	17.29	276	911790	41.11	ng	# 94

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

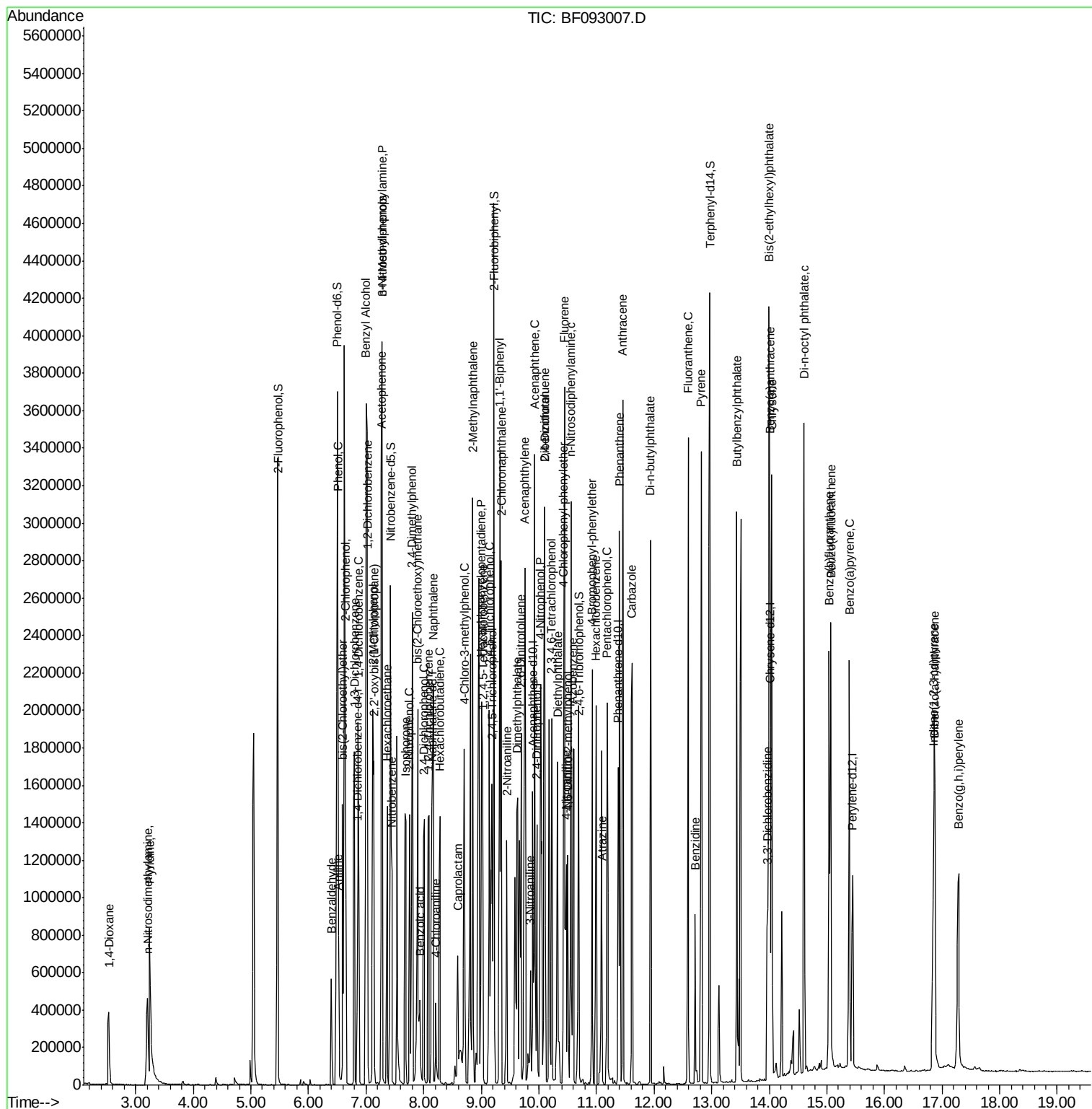
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093007.D
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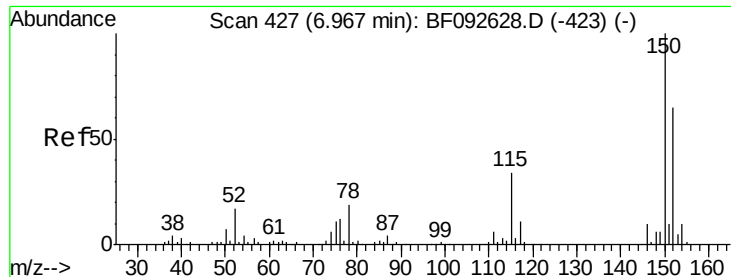
Instrument :
BNA_F
ClientSampleId :
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#1

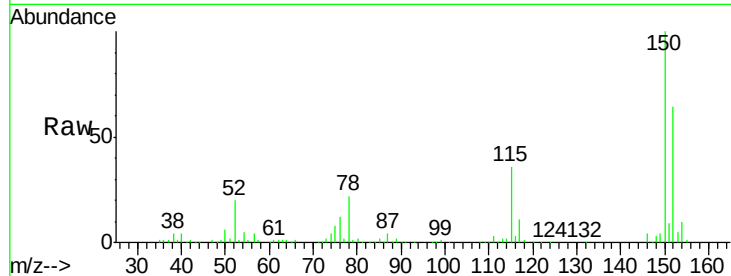
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.9	187.3
115	56.6	46.0	69.0

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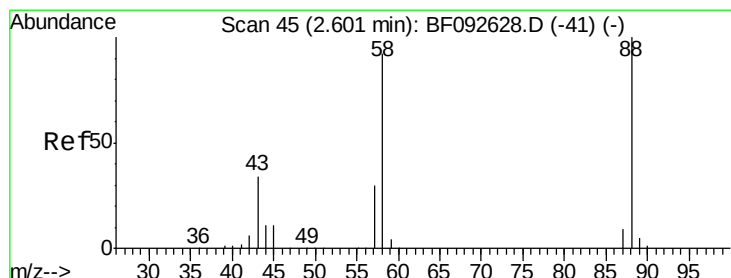
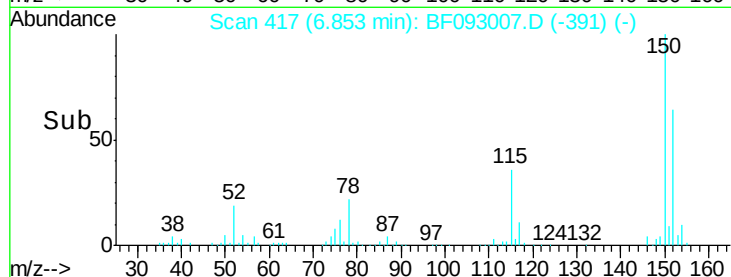
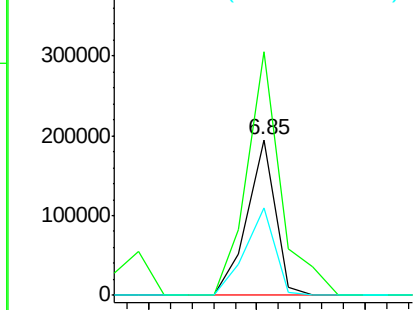


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

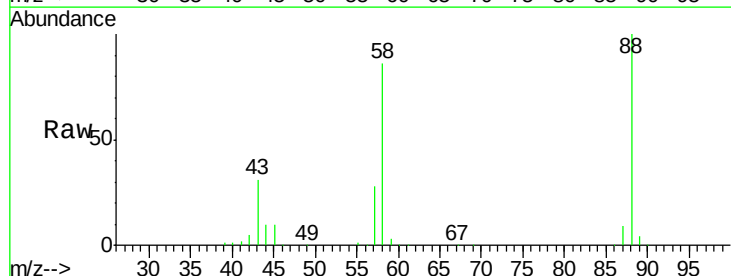
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.39 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.5	57.8	86.8#
43	32.1	22.3	33.5

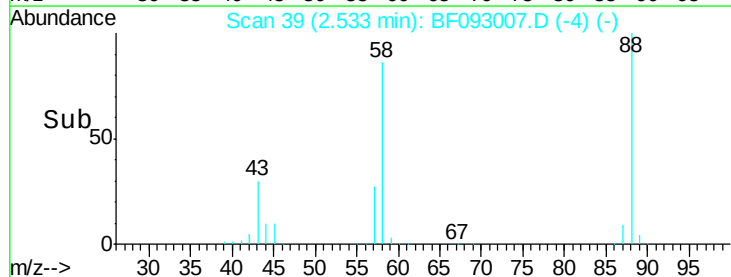
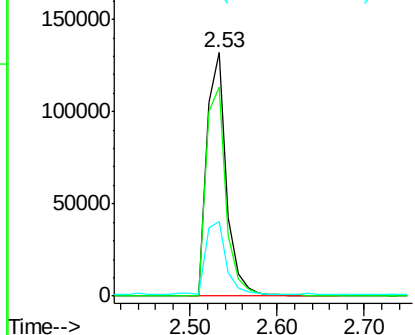


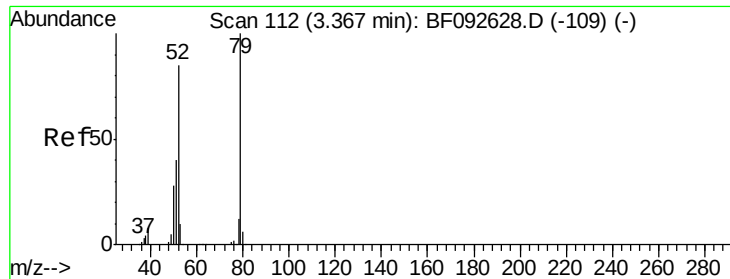
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





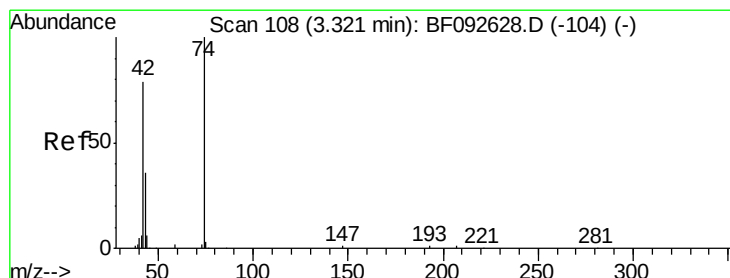
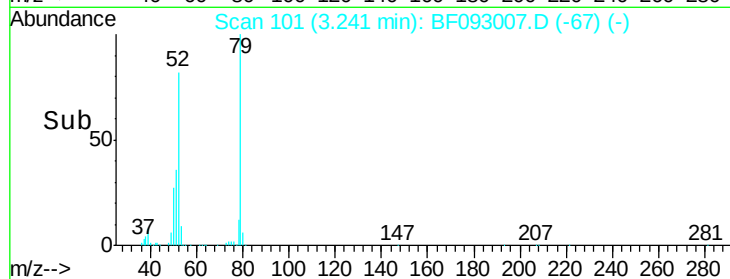
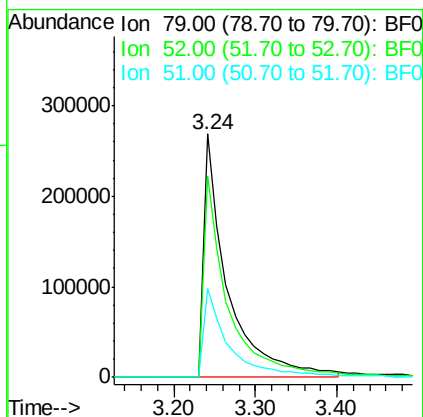
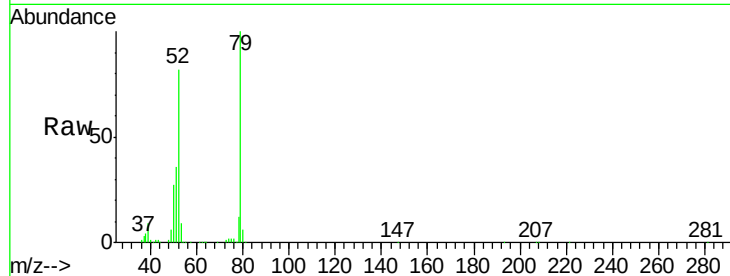
#3
 Pyridine
 Concen: 39.30 ng
 RT: 3.24 min Scan# 101
 Delta R.T. 0.09 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
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 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	82.5	57.1	85.7
51	36.5	27.3	40.9

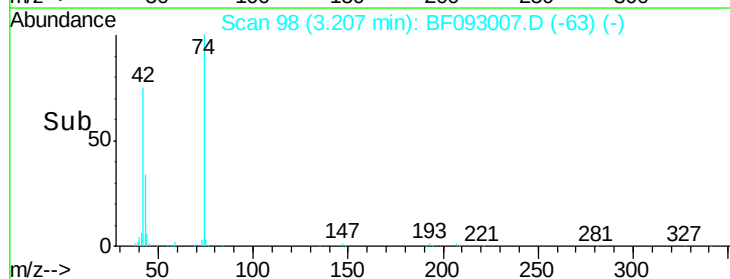
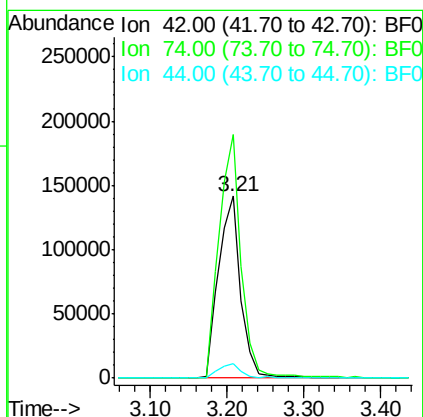
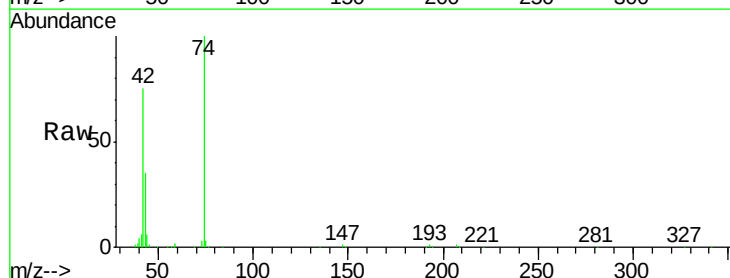
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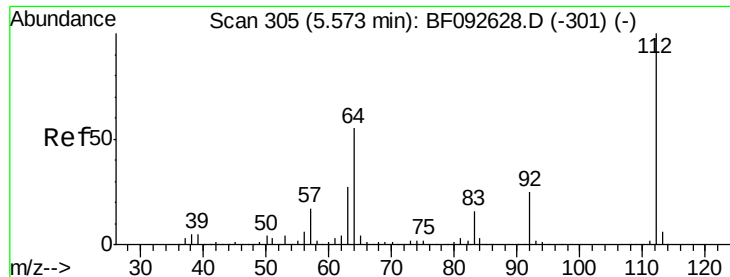
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#4
 n-Nitrosodimethylamine
 Concen: 44.03 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.10 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	133.9	117.0	175.4
44	8.2	5.5	8.3





#5

2-Fluorophenol

Concen: 136.14 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

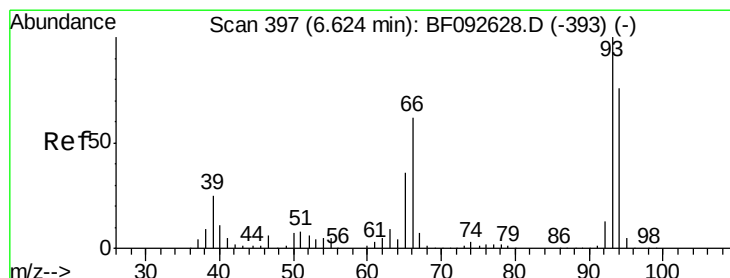
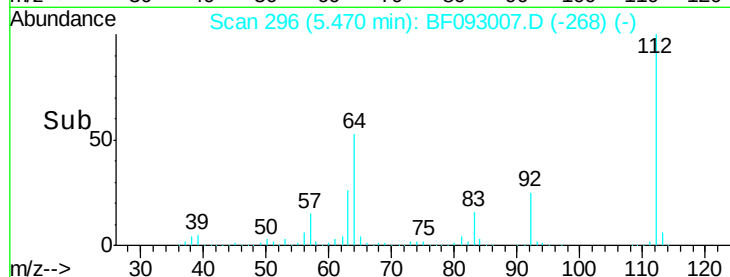
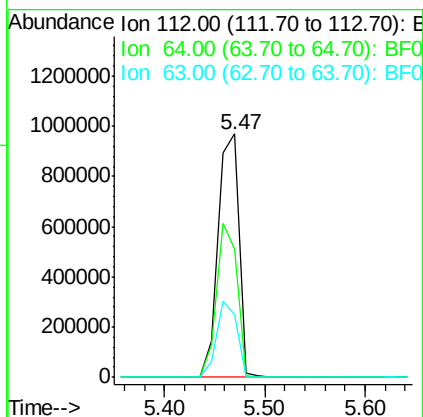
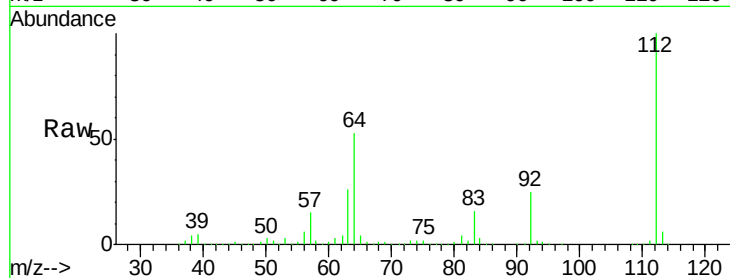
ClientSampleId :

PB97012BS

Tgt Ion:	112	Resp:	1392674
Ion	Ratio	Lower	Upper
112	100		
64	52.6	46.1	69.1
63	25.8	23.8	35.6

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#6

Aniline

Concen: 19.72 ng

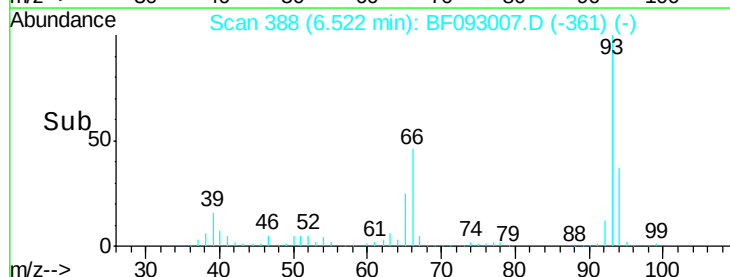
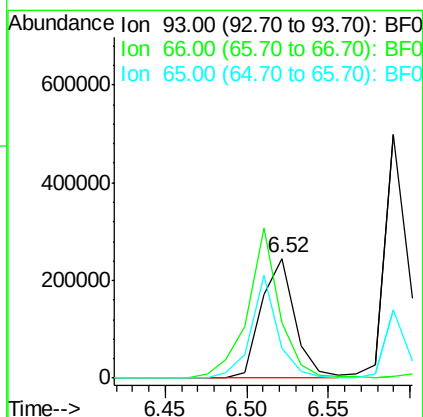
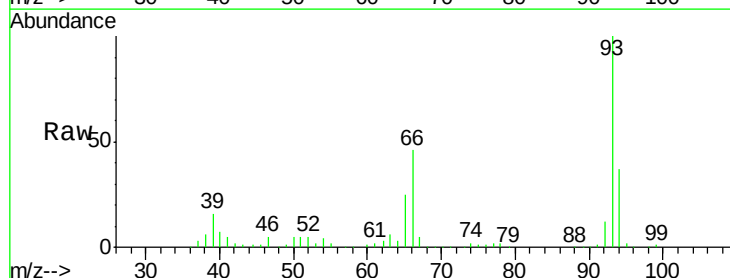
RT: 6.52 min Scan# 388

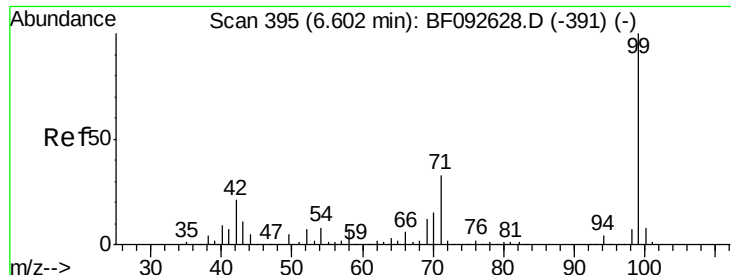
Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:	93	Resp:	354074
Ion	Ratio	Lower	Upper
93	100		
66	46.3	76.2	114.2#
65	24.8	49.3	73.9#





#7

Phenol-d6

Concen: 122.51 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

Tgt Ion: 99 Resp: 1612442

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

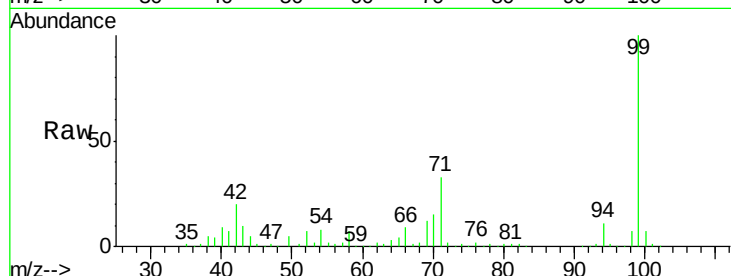
71 32.8 27.5 41.3

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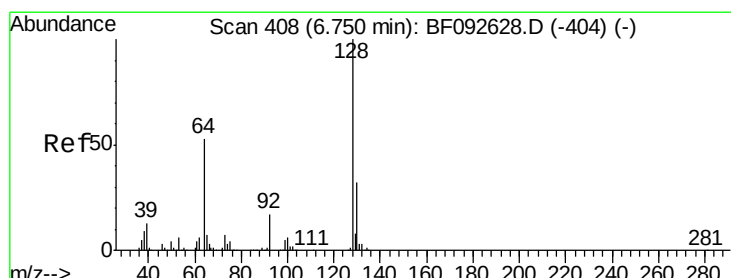
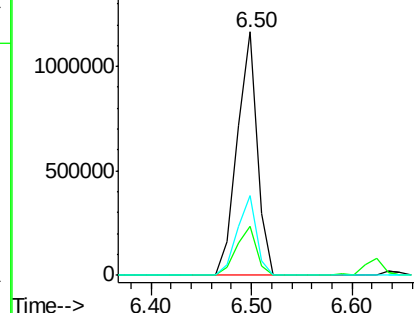
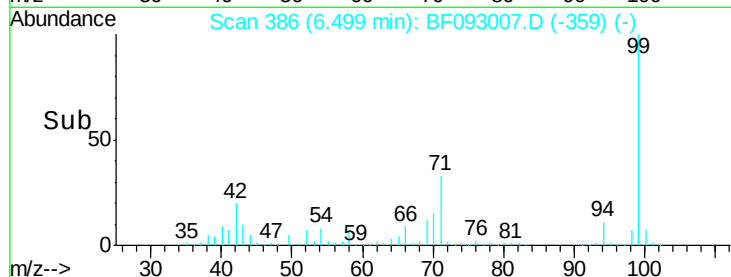
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.69 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

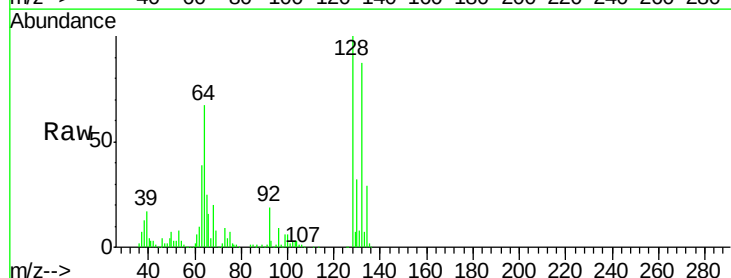
Tgt Ion: 128 Resp: 481724

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

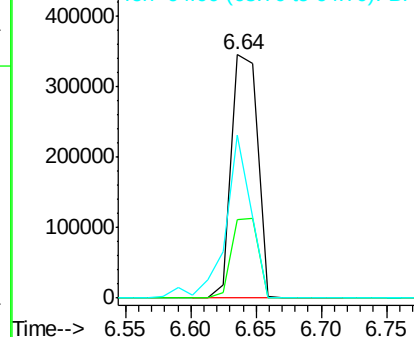
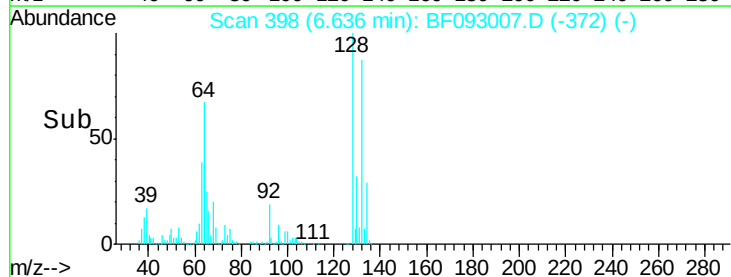
64 67.2 32.2 72.2

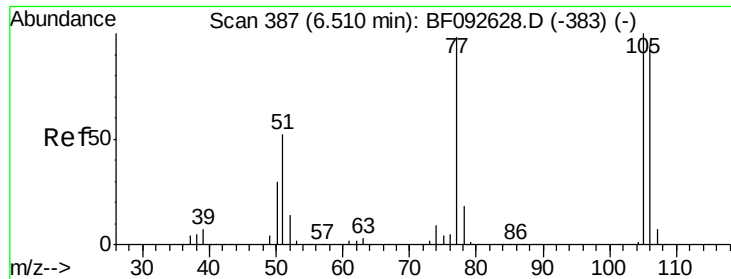


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.53 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

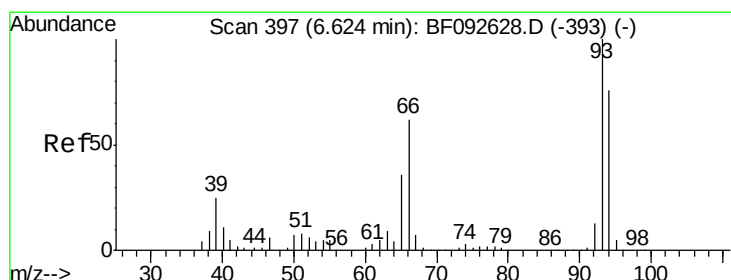
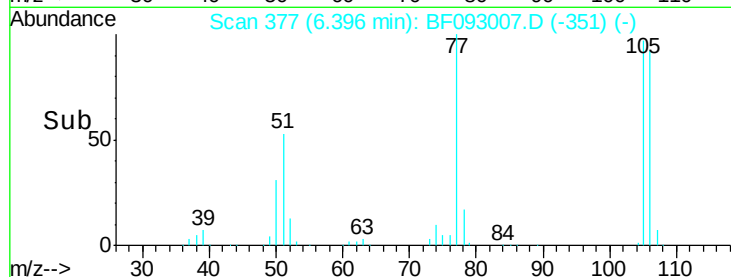
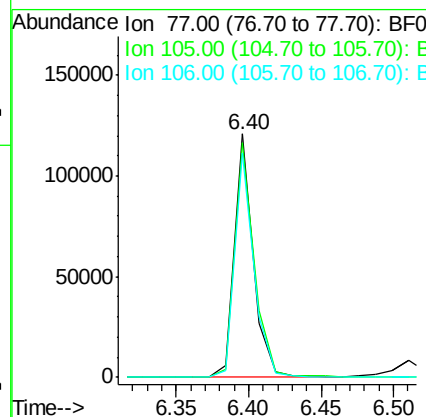
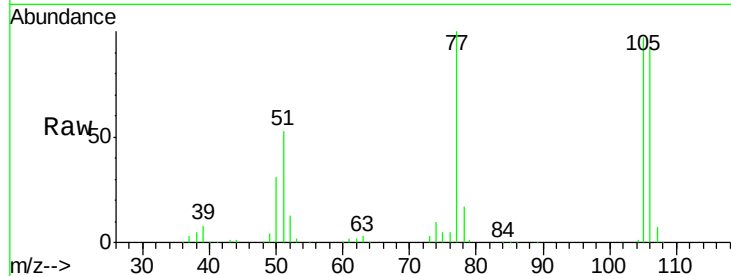
ClientSampleId :

PB97012BS

Tgt Ion: 77 Resp: 108676
 Ion Ratio Lower Upper
 77 100
 105 96.5 83.9 123.9
 106 92.0 77.6 117.6

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#10

Phenol

Concen: 37.67 ng

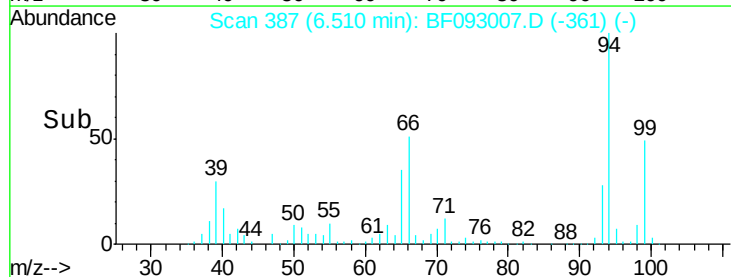
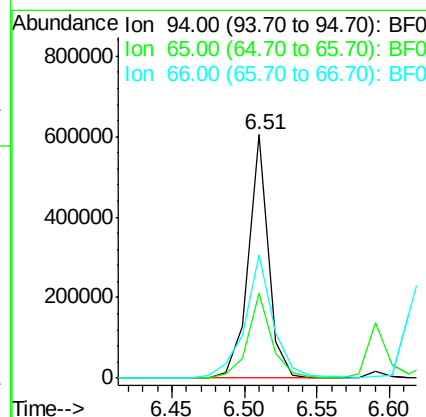
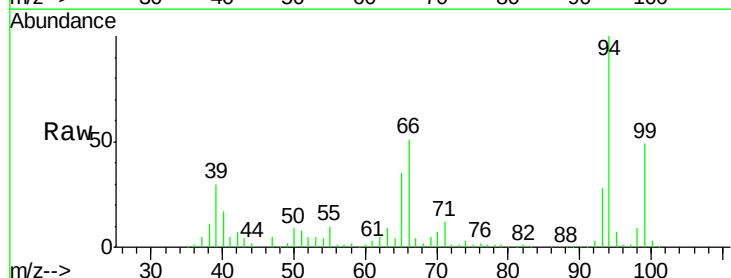
RT: 6.51 min Scan# 387

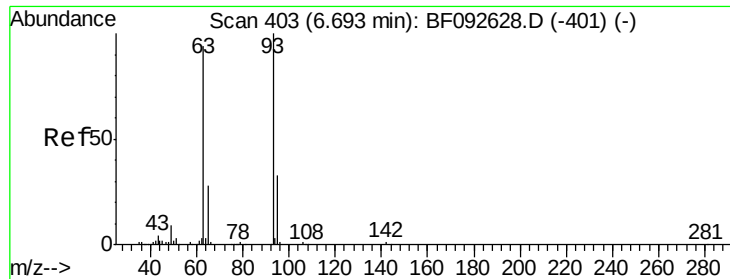
Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion: 94 Resp: 580038
 Ion Ratio Lower Upper
 94 100
 65 34.8 21.4 61.4
 66 50.9 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.41 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

Tgt Ion: 93 Resp: 472135

Ion Ratio Lower Upper

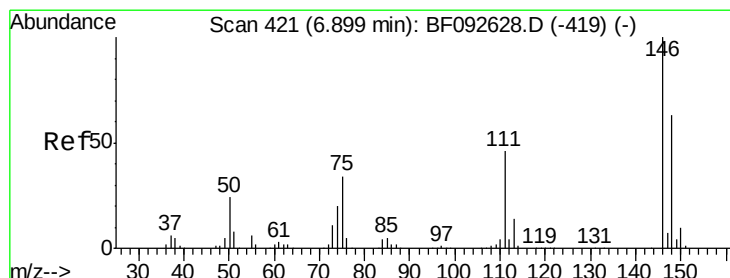
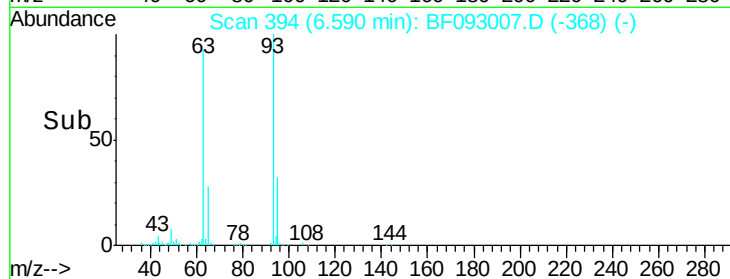
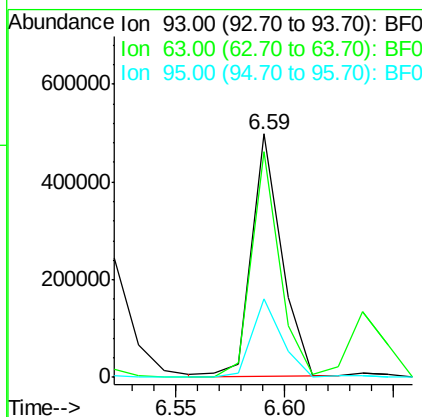
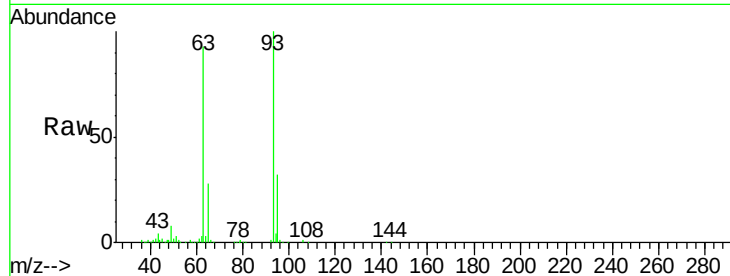
93 100

63 92.7 60.4 100.4

95 32.5 12.8 52.8

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#12

1,3-Dichlorobenzene

Concen: 43.15 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

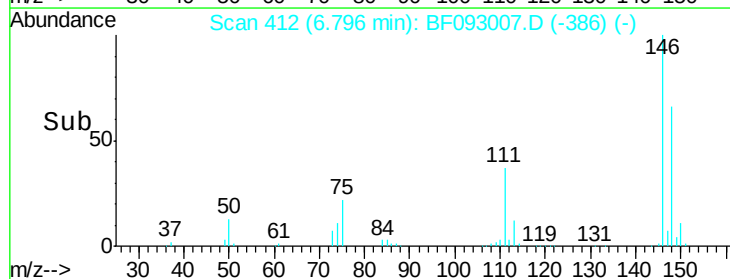
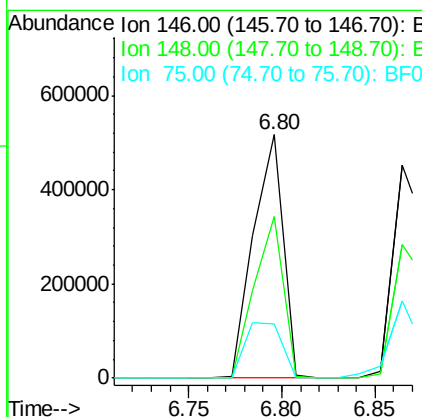
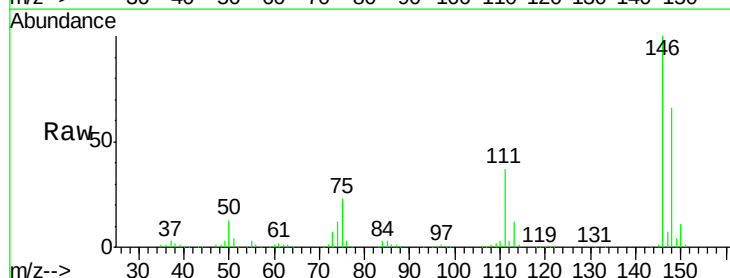
Tgt Ion: 146 Resp: 570347

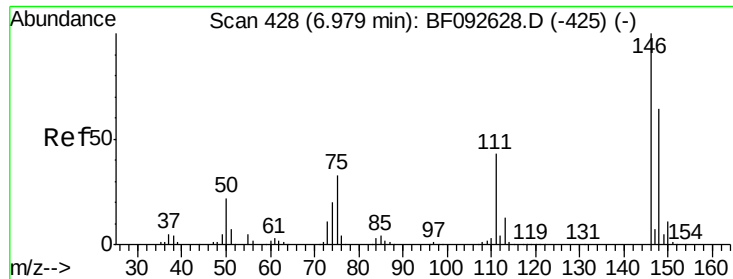
Ion Ratio Lower Upper

146 100

148 66.4 53.4 80.0

75 22.5 18.5 27.7





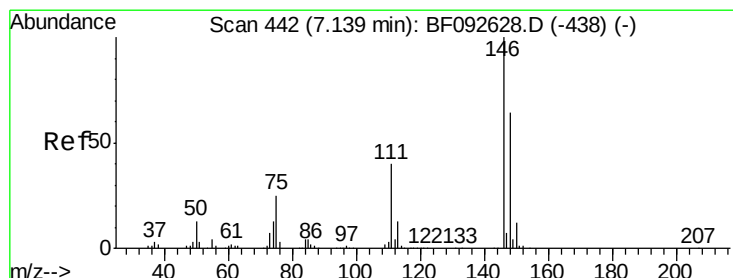
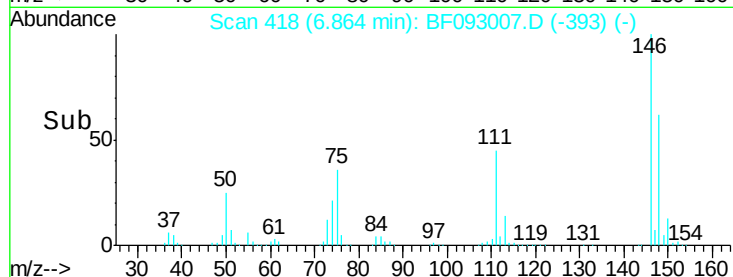
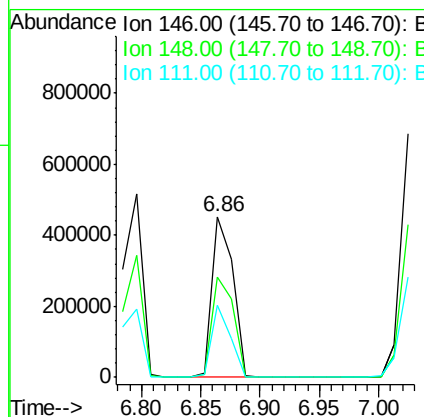
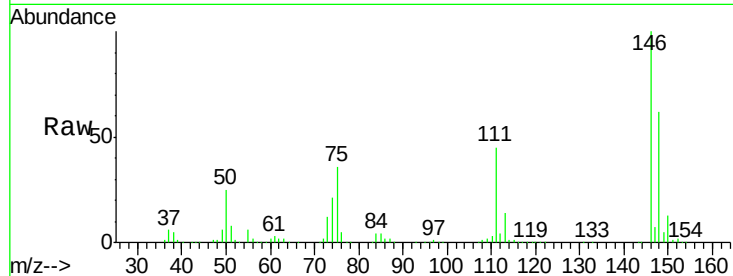
#13
1,4-Dichlorobenzene
Concen: 41.26 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.6	76.0
111	44.6	36.2	54.4

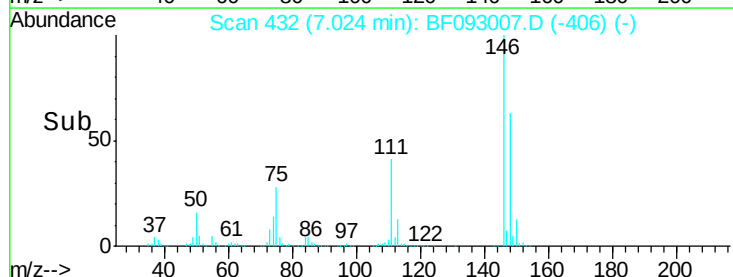
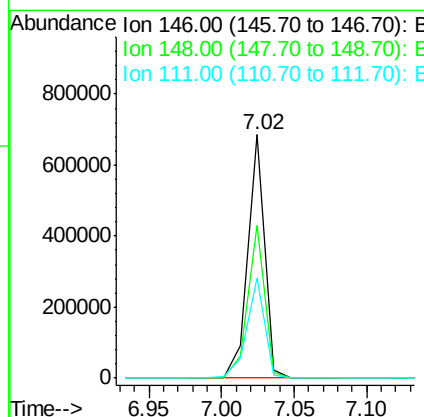
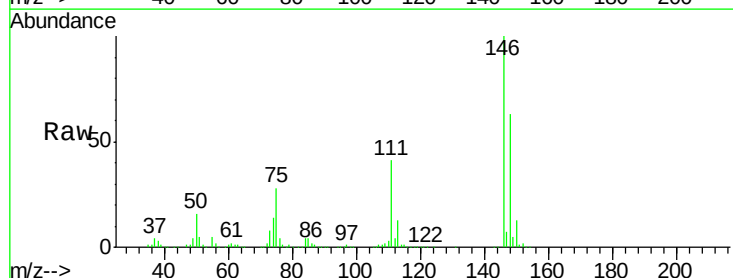
Manual Integrations
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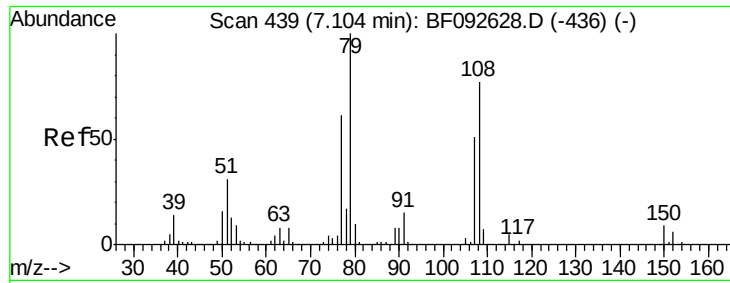
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#14
1,2-Dichlorobenzene
Concen: 43.11 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.2	78.2
111	41.0	36.2	54.2





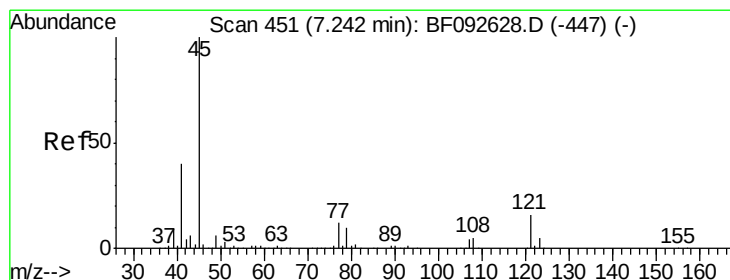
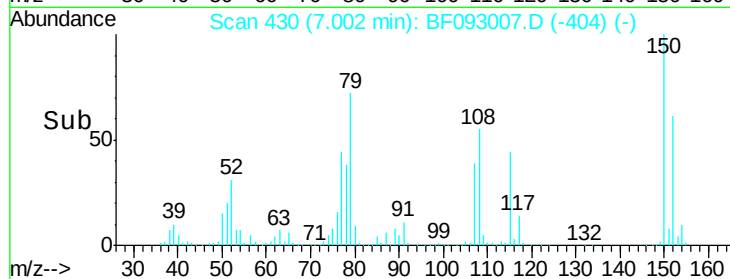
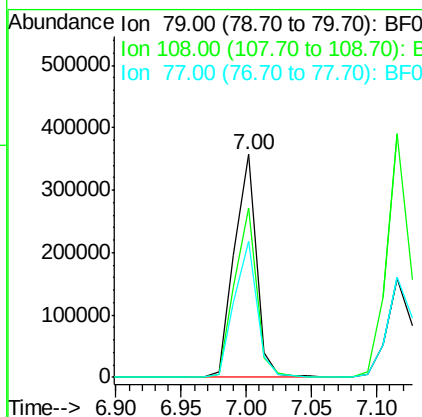
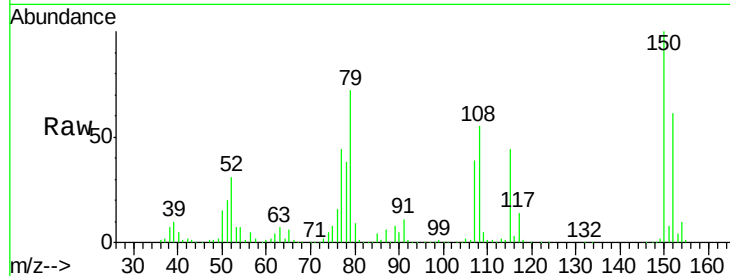
#15
Benzyl Alcohol
Concen: 43.00 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampled :
PB97012BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	76.2	61.4	92.0
77	60.8	50.9	76.3

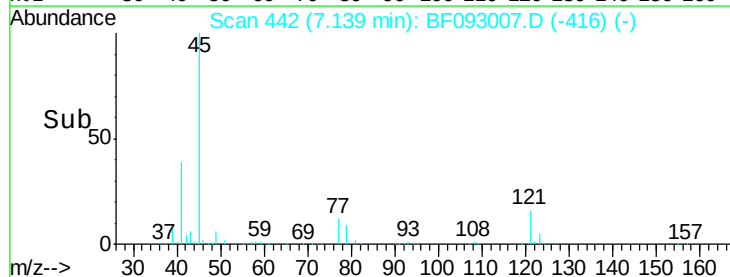
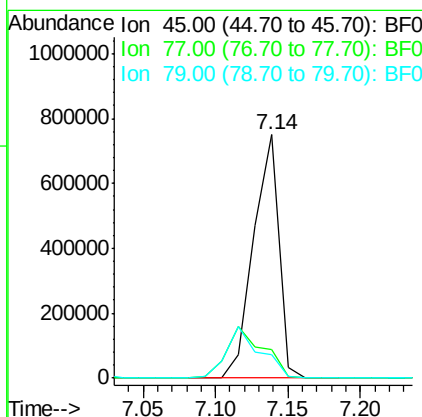
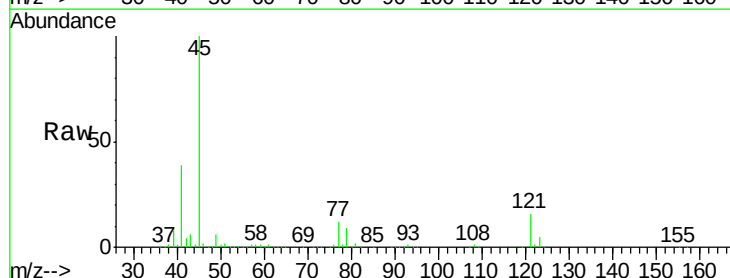
Manual Integrations
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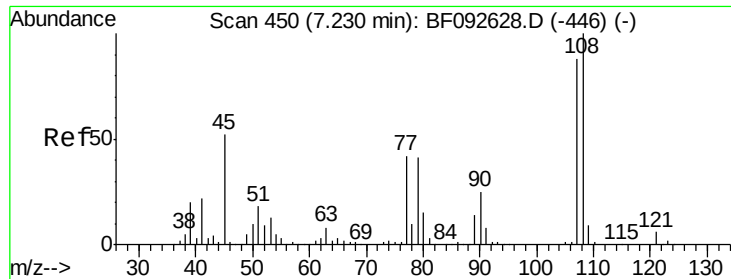
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.65 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.0	0.0	34.6
79	9.4	0.0	31.2





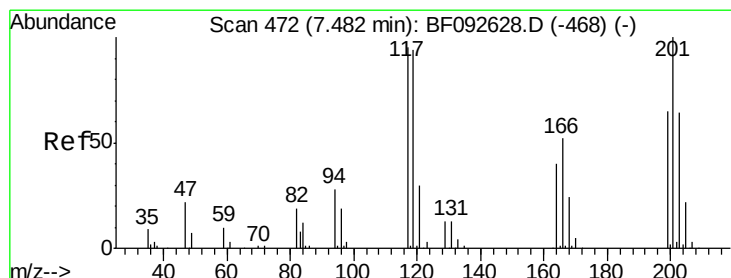
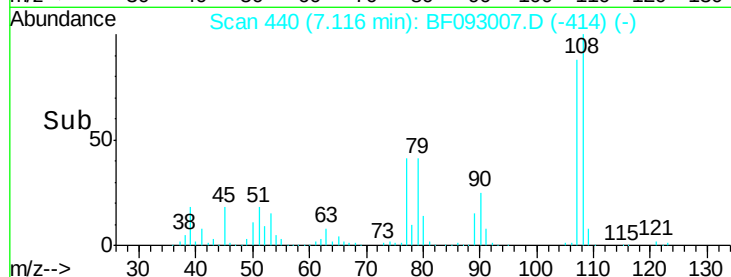
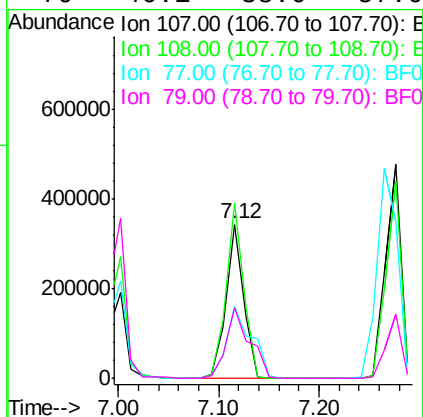
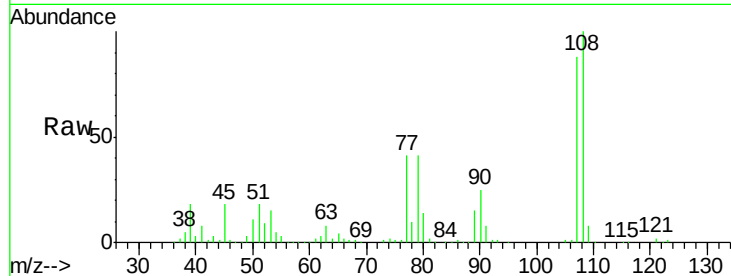
#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:	107	Resp:	419002
Ion Ratio	Lower	Upper	
107	100		
108	113.5	93.0	139.6
77	46.5	39.8	59.8
79	46.1	38.0	57.0

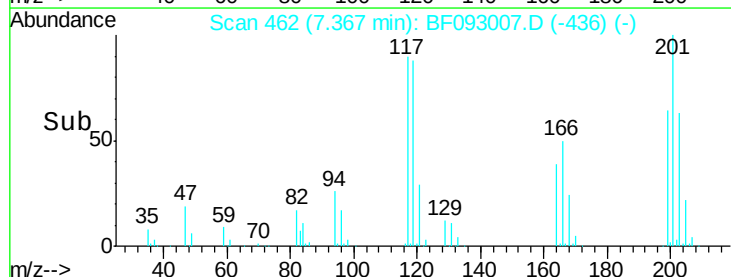
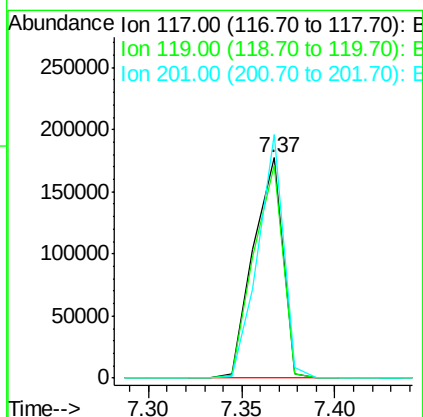
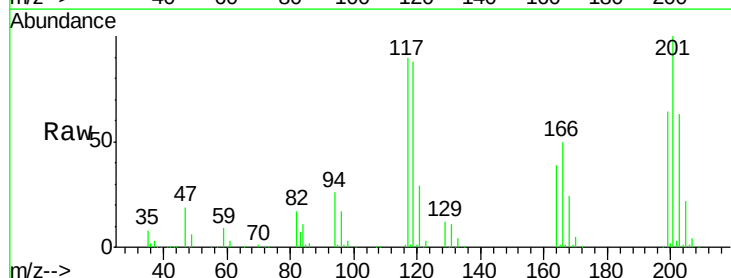
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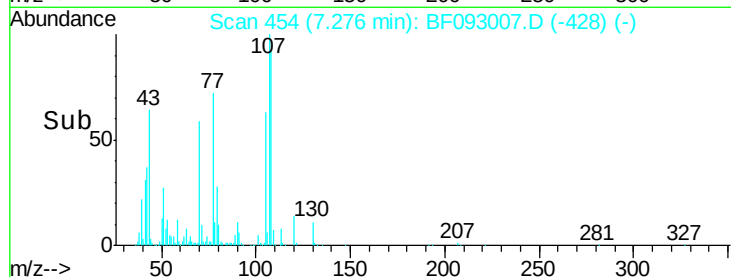
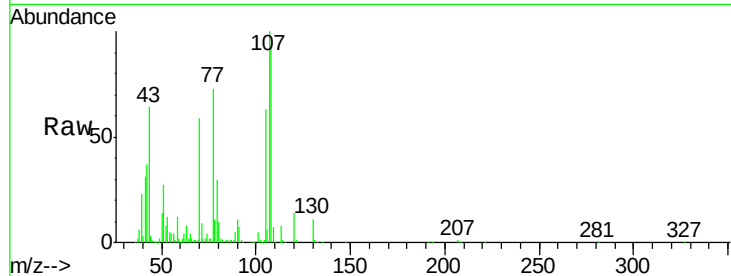
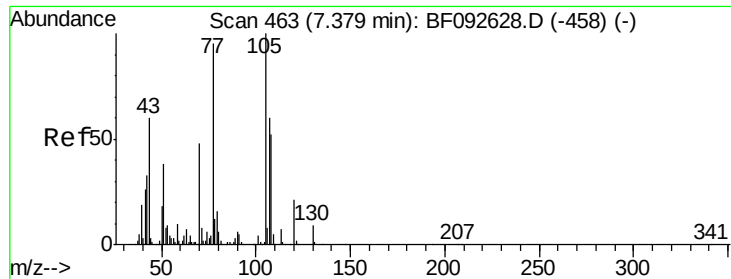
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#18
Hexachloroethane
Concen: 43.08 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:	117	Resp:	196742
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.1	117.1
201	110.7	78.6	117.8





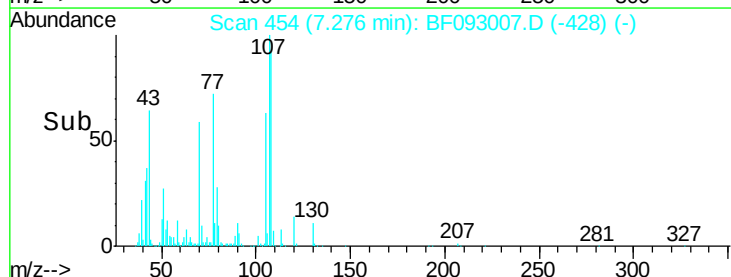
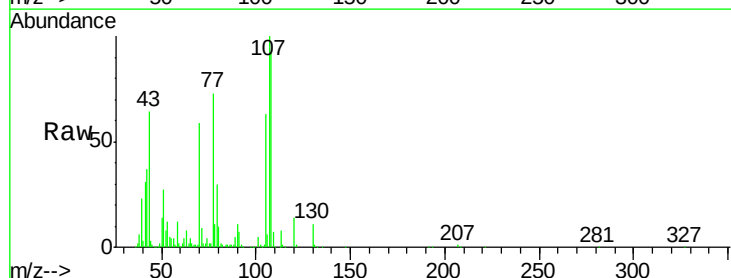
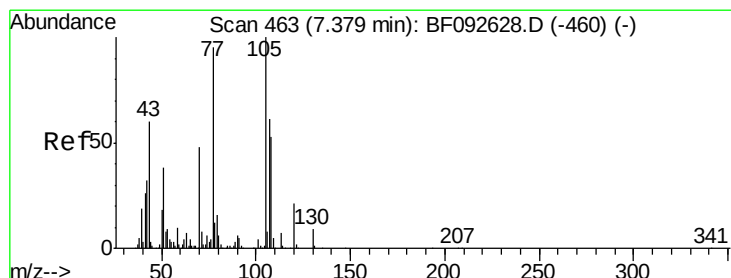
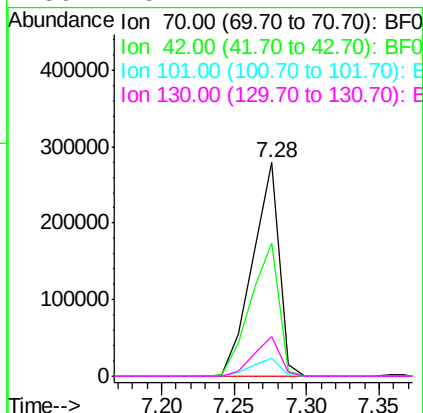
#19
n-Nitroso-di-n-propylamine
Concen: 42.46 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Manual Integrations
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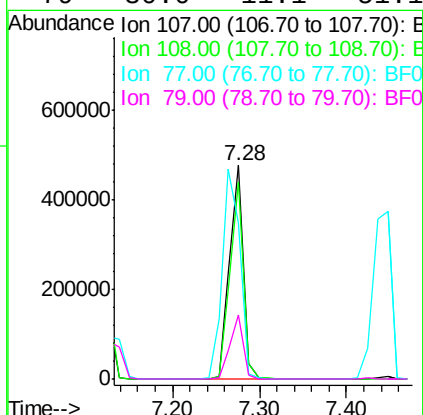
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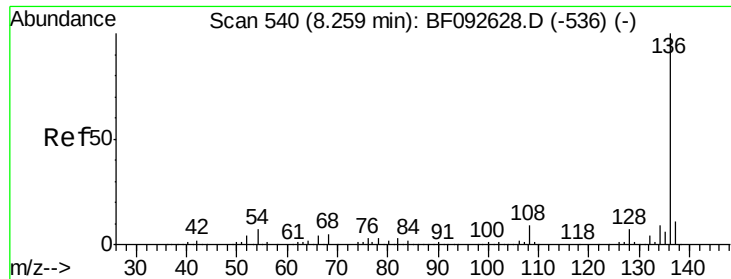
Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.4	74.0
101	8.5	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 45.11 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	73.0	113.0
77	72.9	71.3	111.3
79	30.0	11.1	51.1





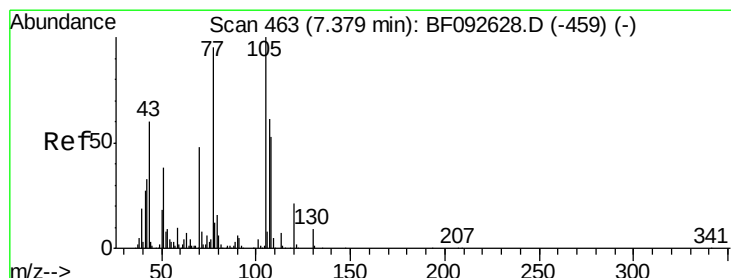
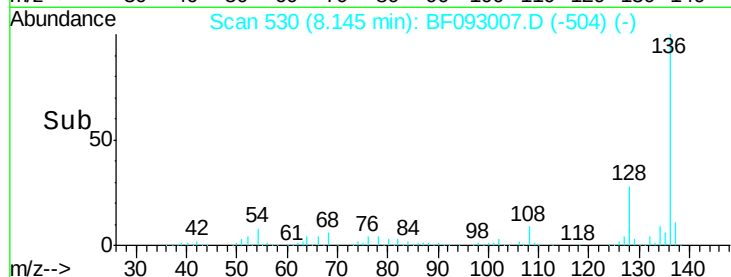
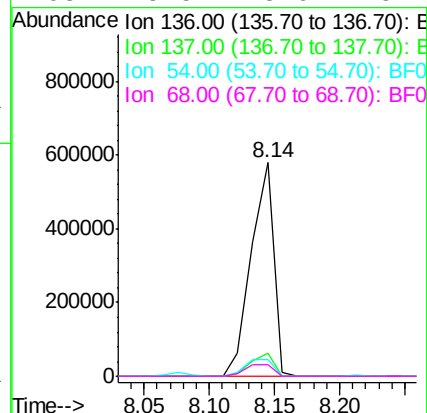
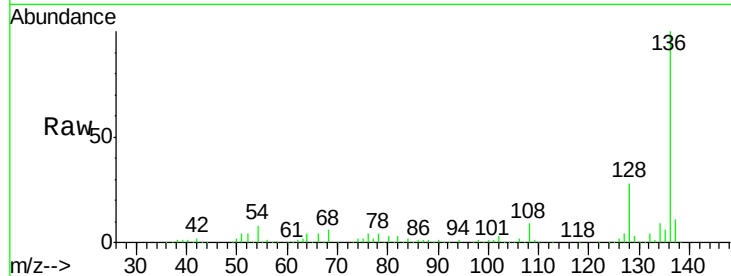
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	701695		
137	10.7	8.4	12.6	
54	7.7	4.5	6.7#	
68	5.5	3.6	5.4#	

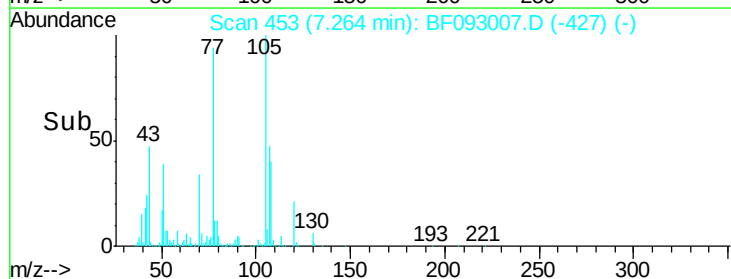
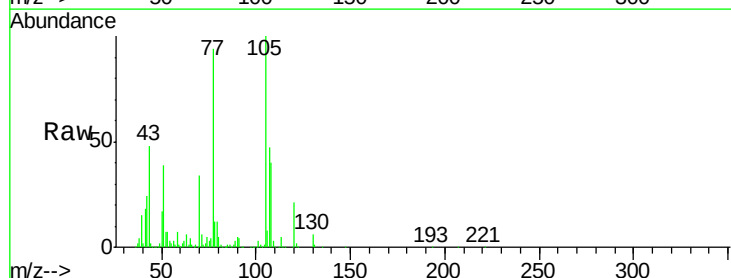
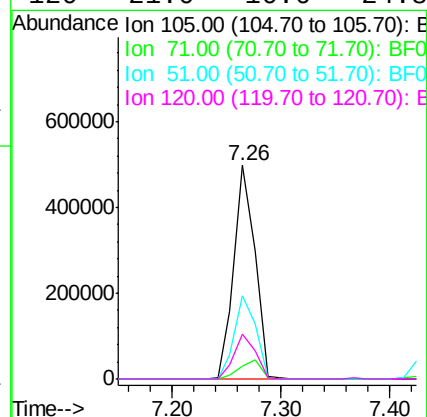
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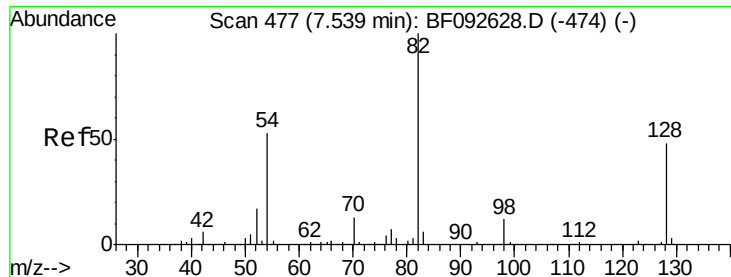
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#22
Acetophenone
Concen: 41.39 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	663094		
71	5.8	3.2	4.8#	
51	38.8	26.2	39.4	
120	21.0	16.6	24.8	





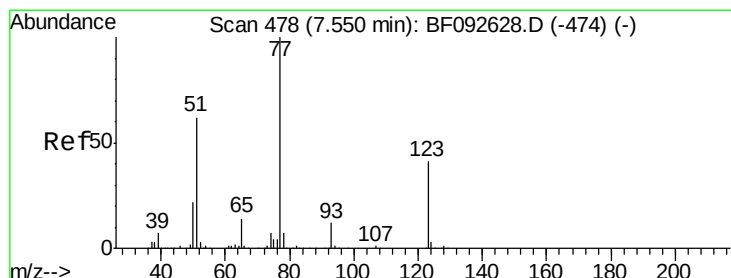
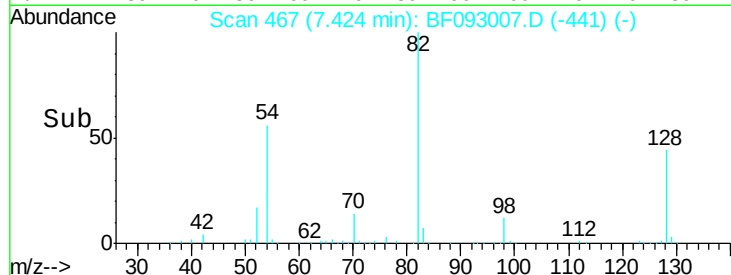
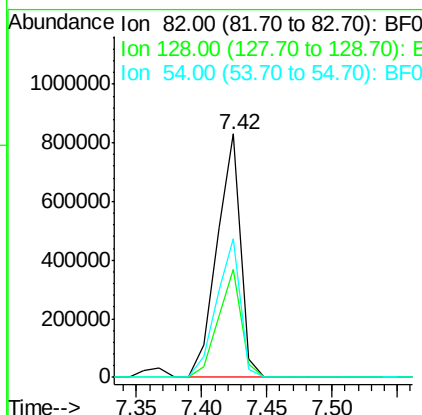
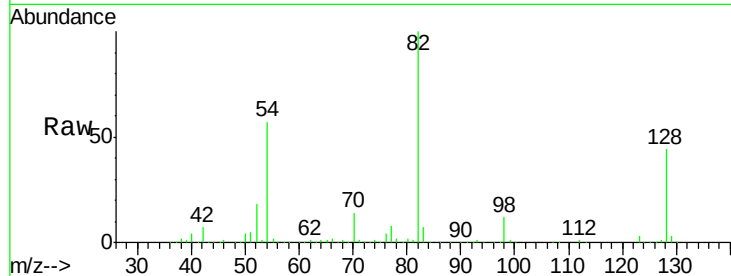
#23
 Nitrobenzene-d5
 Concen: 82.77 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampled :
 PB97012BS

Tgt Ion: 82 Resp: 1042915
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 57.1 39.5 59.3

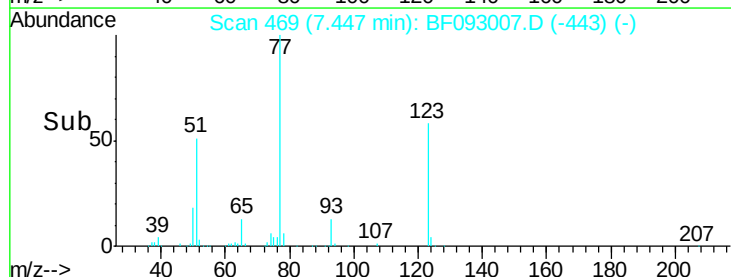
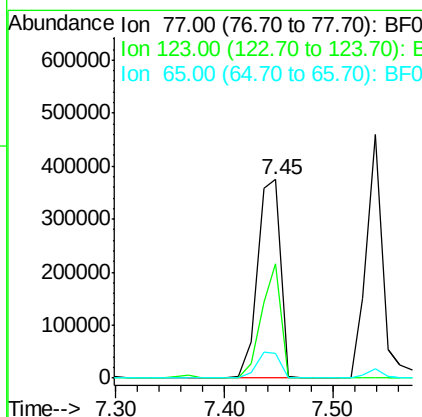
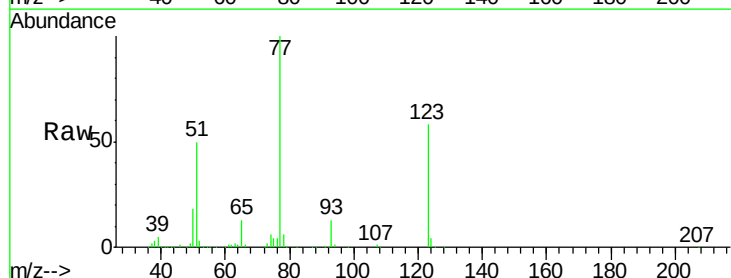
Manual Integrations
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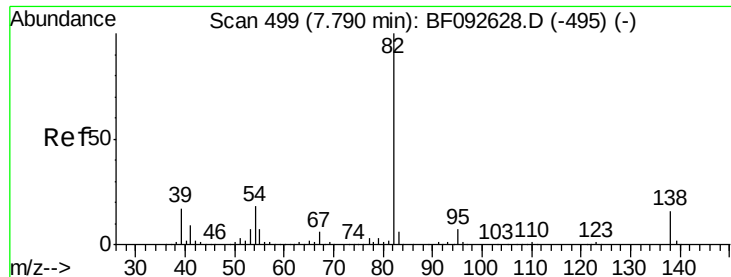
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#24
 Nitrobenzene
 Concen: 42.78 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion: 77 Resp: 553454
 Ion Ratio Lower Upper
 77 100
 123 57.6 33.0 49.4#
 65 12.5 11.2 16.8





#25

Isophorone

Concen: 43.96 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

Tgt Ion: 82 Resp: 1032258

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

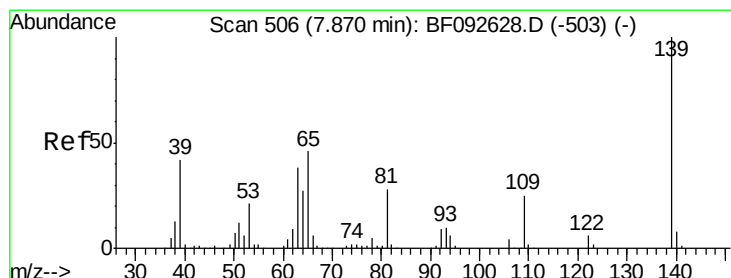
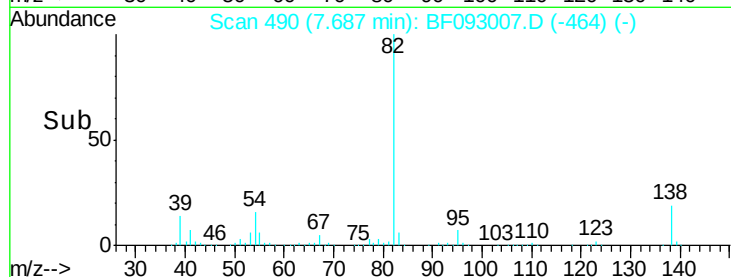
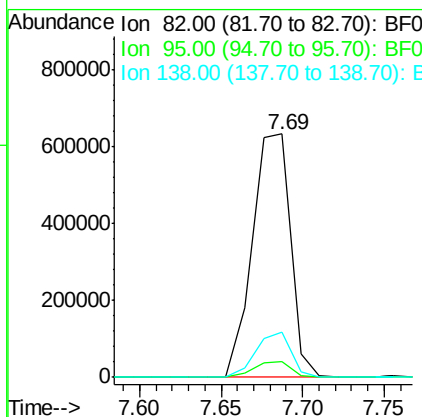
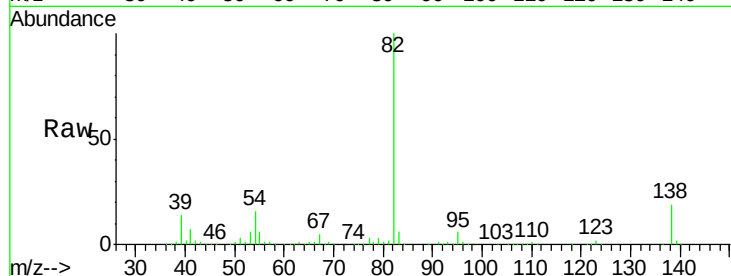
138 18.8 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.72 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

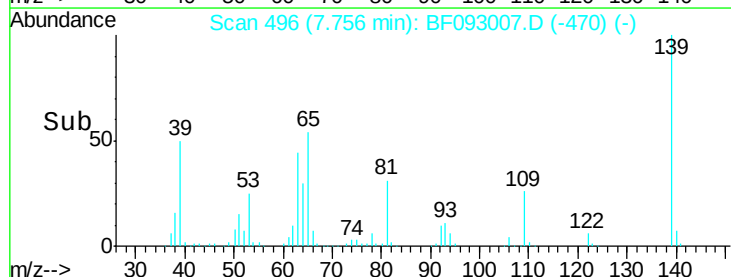
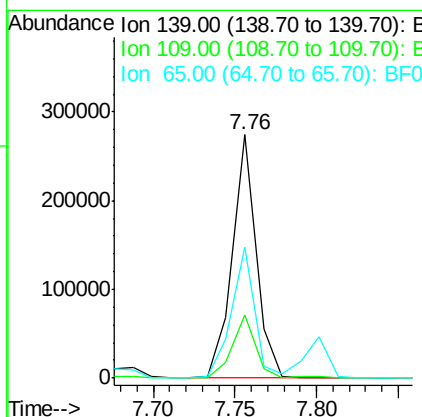
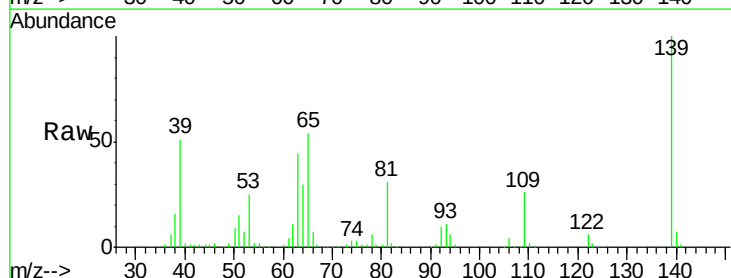
Tgt Ion: 139 Resp: 275069

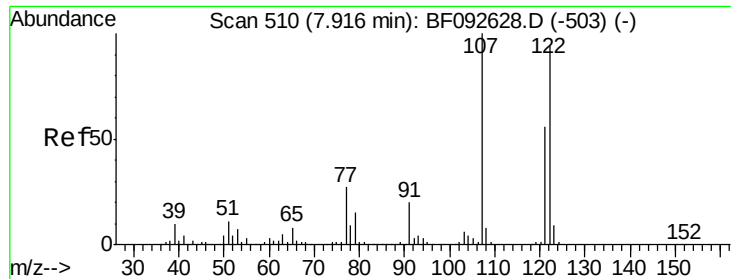
Ion Ratio Lower Upper

139 100

109 25.8 23.3 34.9

65 53.7 42.7 64.1





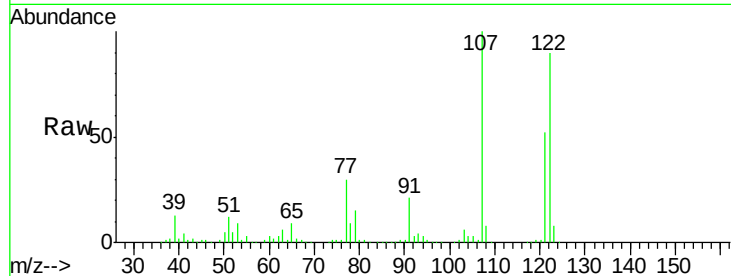
#27
2,4-Dimethylphenol
Concen: 46.14 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
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ClientSampleId :
PB97012BS

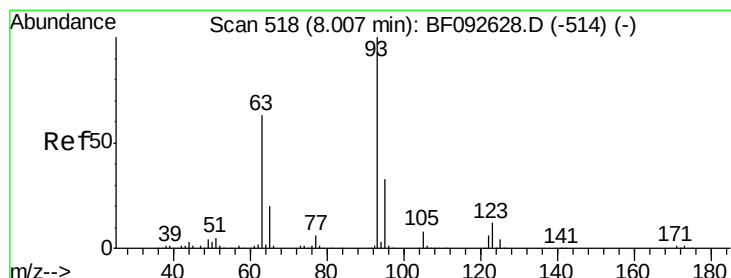
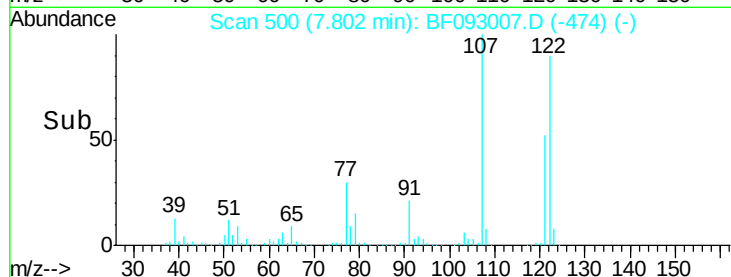
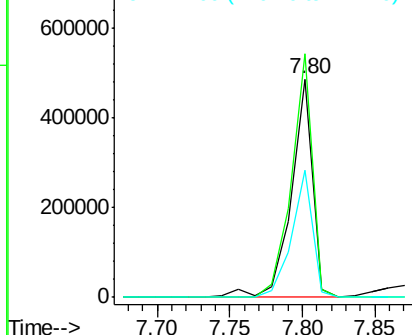
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	498416		
107	111.6	94.1	141.1	
121	58.5	46.0	69.0	

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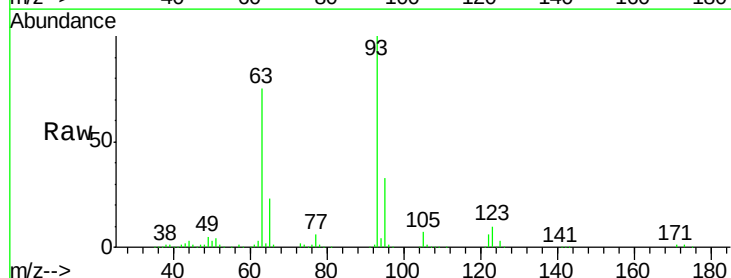


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

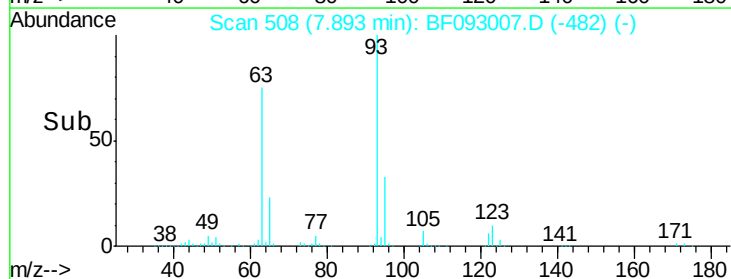
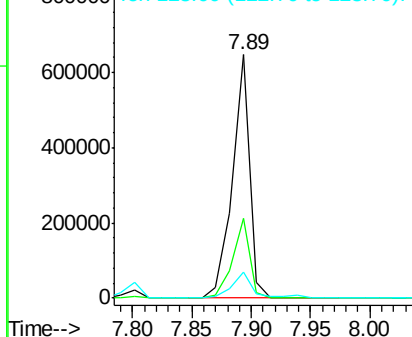


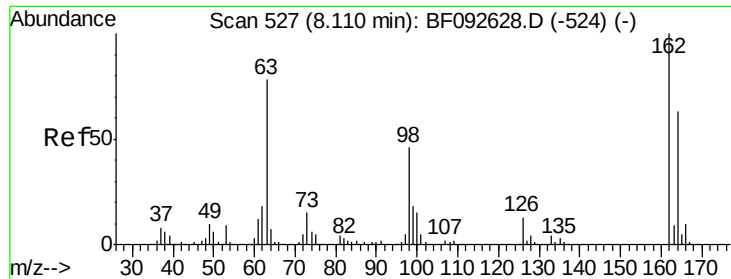
#28
bis(2-Chloroethoxy)methane
Concen: 41.72 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	648739		
95	32.8	26.5	39.7	
123	10.5	8.6	13.0	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





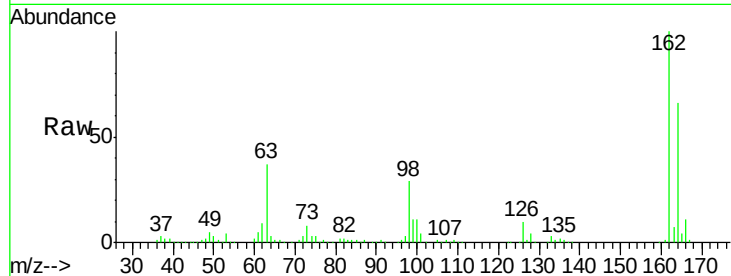
#29
2,4-Dichlorophenol
Concen: 44.86 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

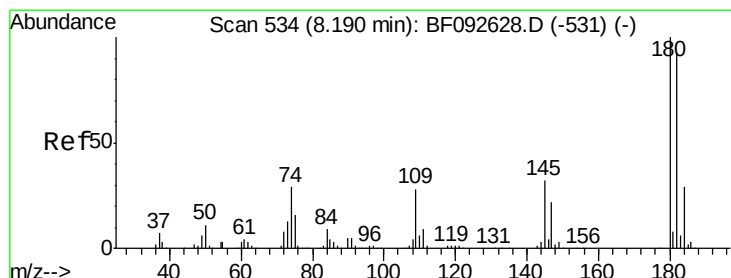
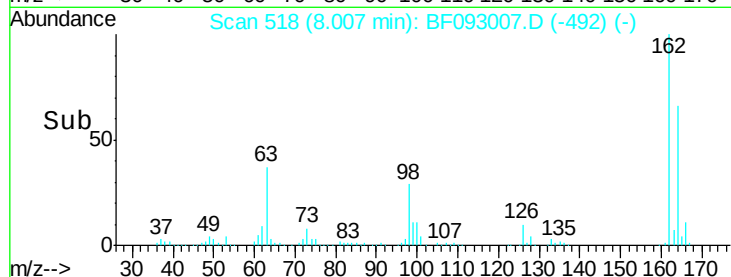
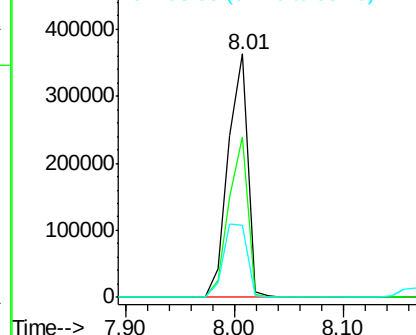
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	451913		
164	65.9	46.8	86.8	
98	29.5	9.1	49.1	

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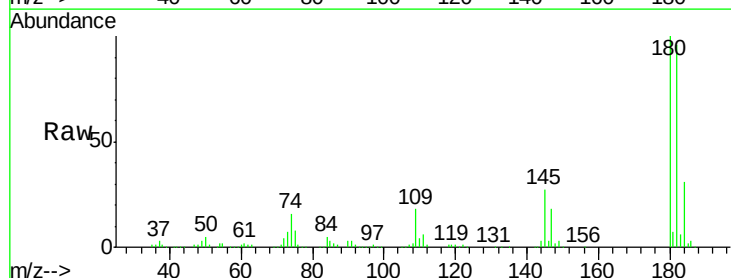


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

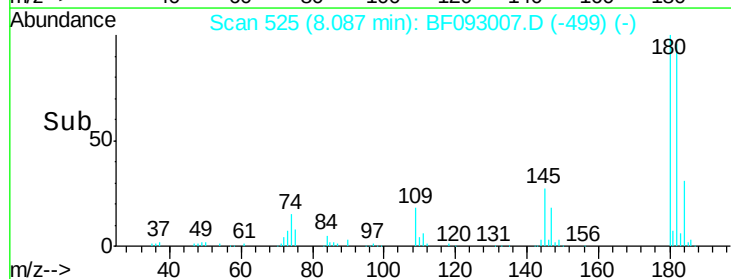
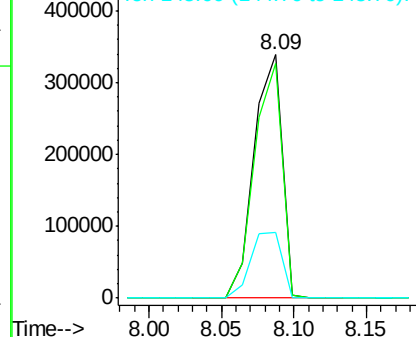


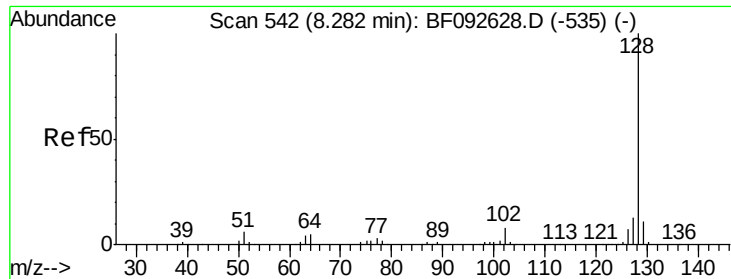
#30
1,2,4-Trichlorobenzene
Concen: 42.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	455930		
182	96.2	78.2	117.4	
145	27.0	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





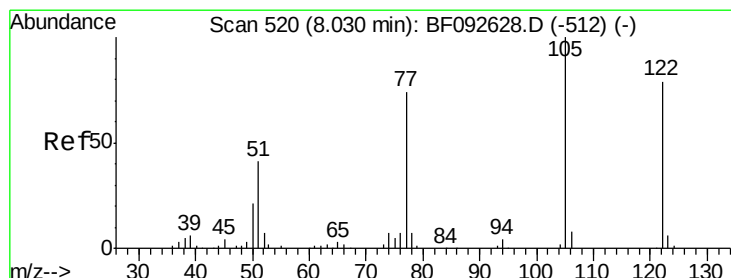
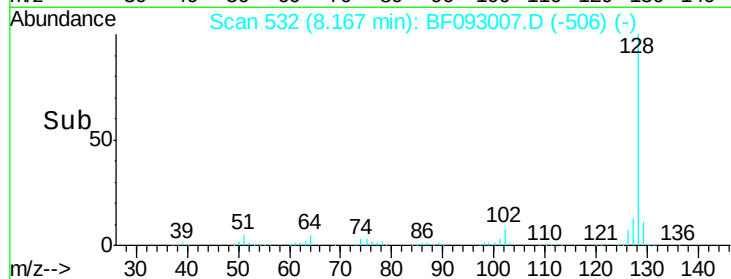
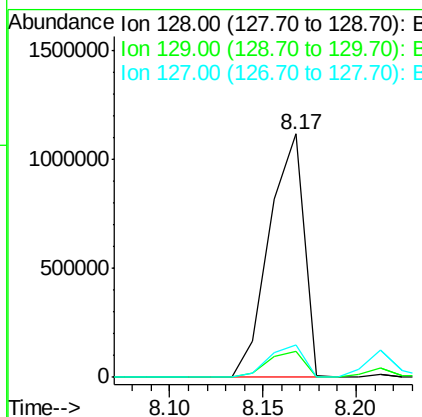
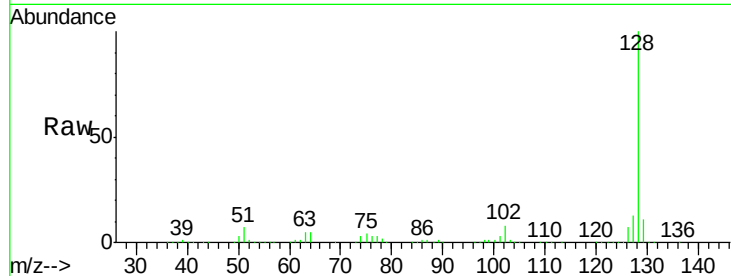
#31
Naphthalene
Concen: 40.69 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.3	10.8	16.2

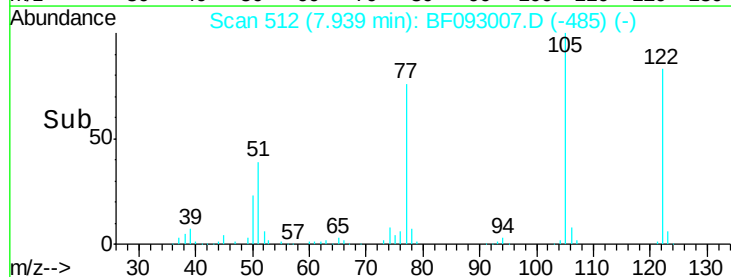
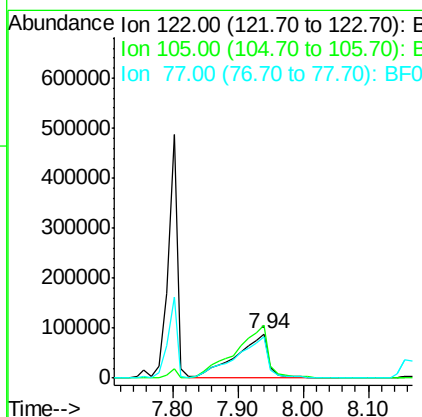
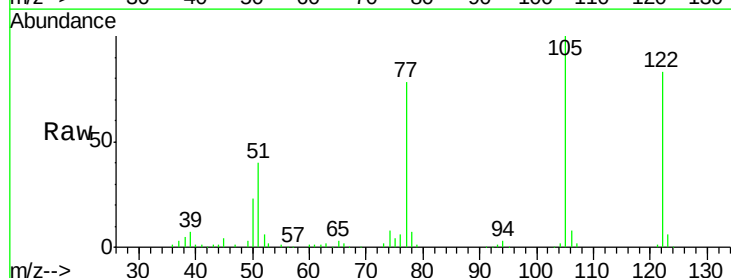
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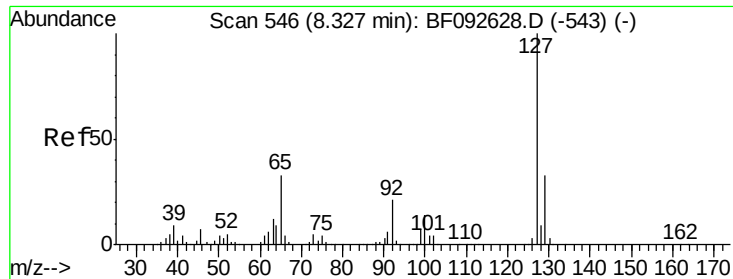
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#32
Benzoic acid
Concen: 49.71 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.1	107.2	147.2
77	93.8	74.5	114.5





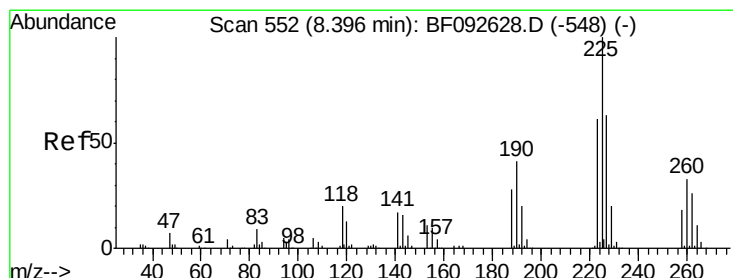
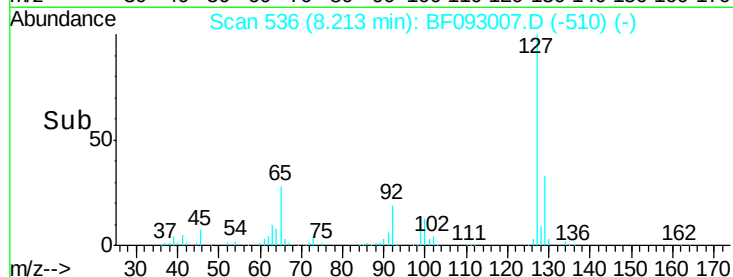
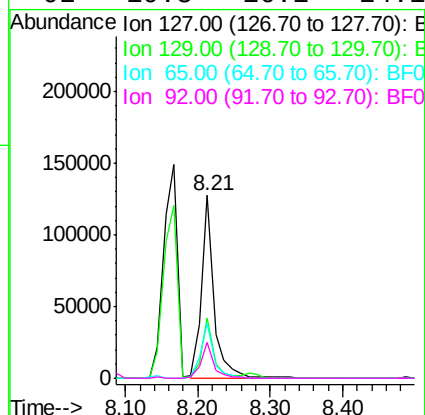
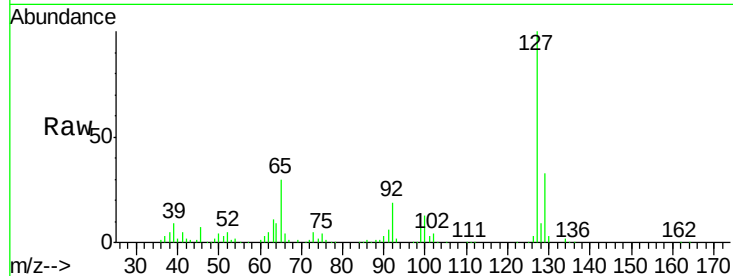
#33
4-Chloroaniline
Concen: 10.98 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	153139		
129	33.1	26.3	39.5	
65	30.4	25.8	38.8	
92	19.3	16.1	24.1	

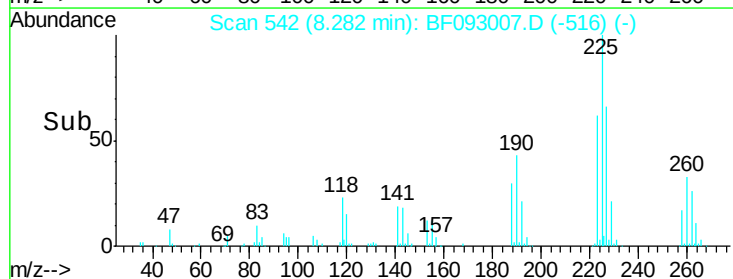
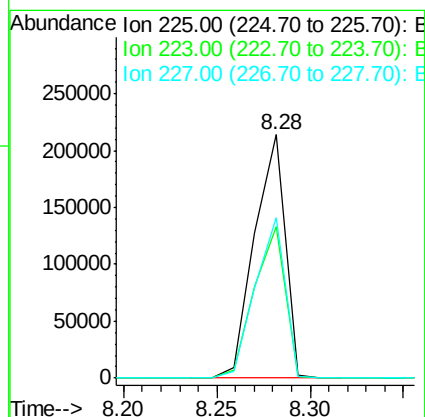
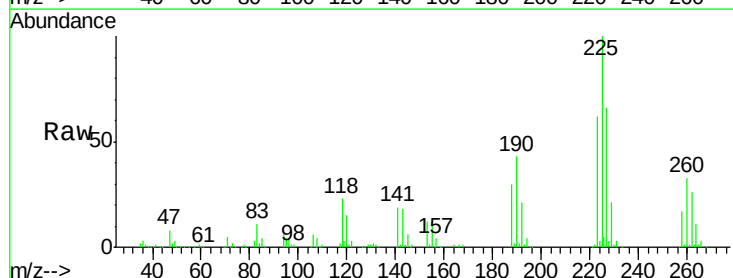
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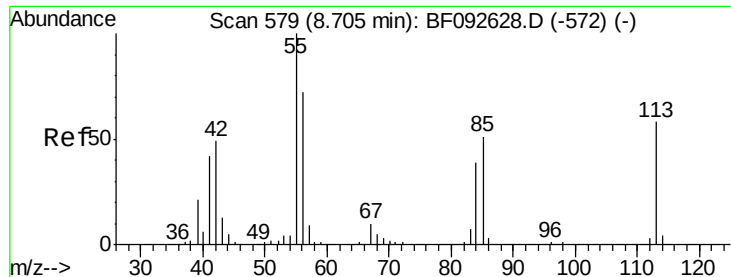
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#34
Hexachlorobutadiene
Concen: 40.61 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	242549		
223	62.3	51.0	76.6	
227	65.7	50.6	76.0	





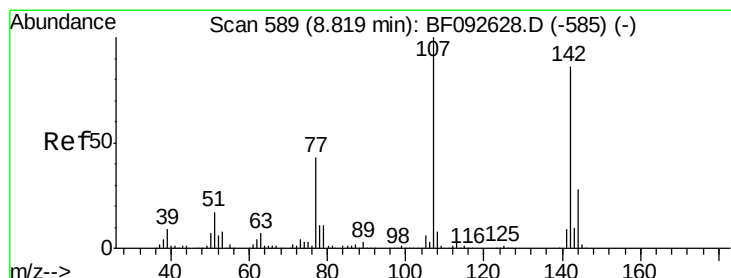
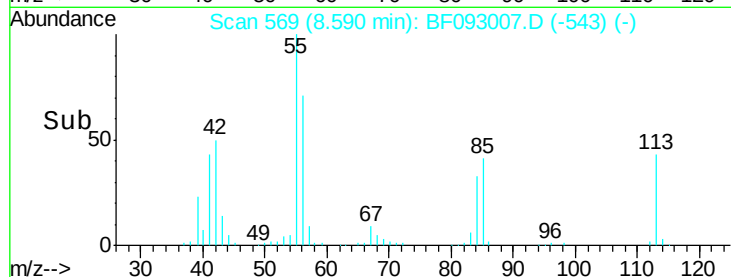
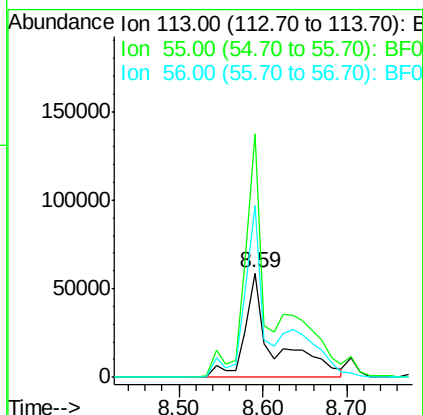
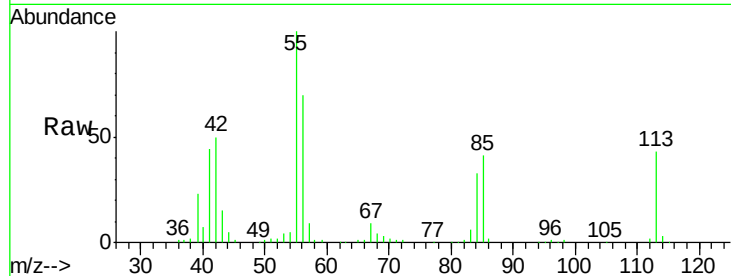
#35
 Caprolactam
 Concen: 45.00 ng m
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:113 Resp: 142594
 Ion Ratio Lower Upper
 113 100
 55 232.7 119.2 159.2#
 56 163.9 83.8 123.8#

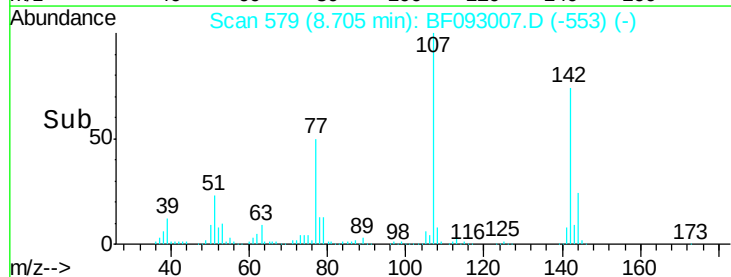
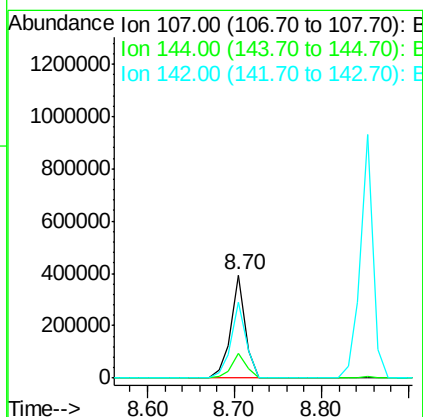
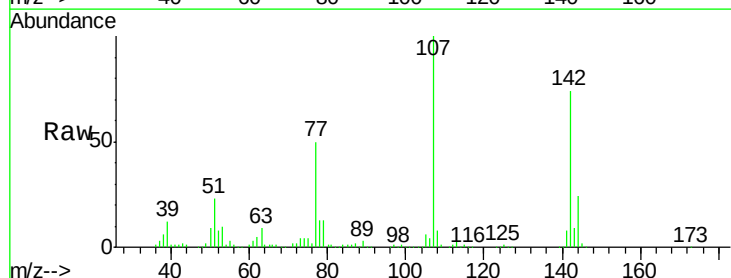
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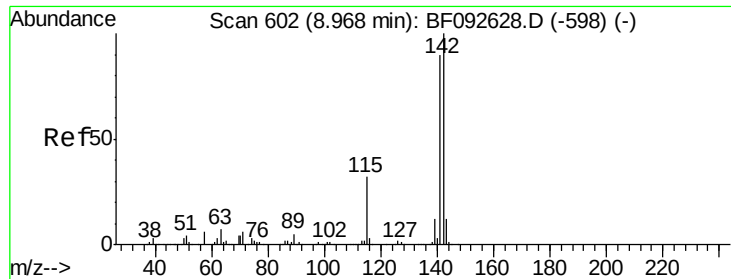
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#36
 4-Chloro-3-methylphenol
 Concen: 43.22 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:107 Resp: 453906
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 73.7 59.0 88.6





#37

2-Methylnaphthalene

Concen: 41.48 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

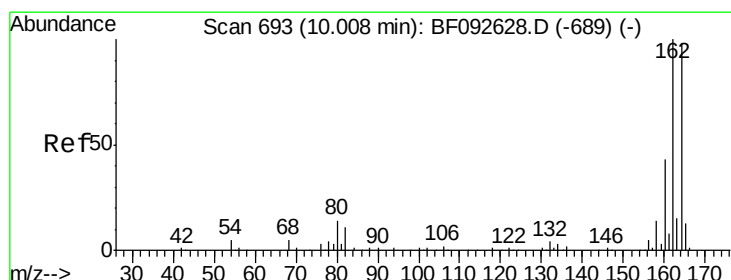
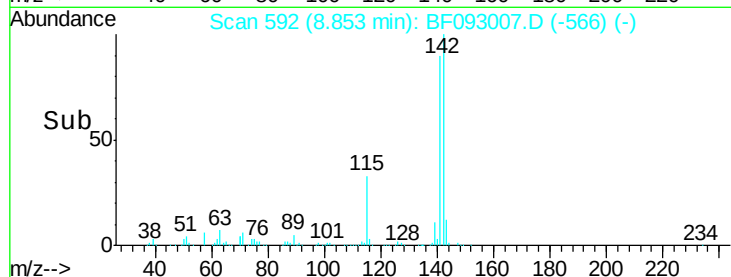
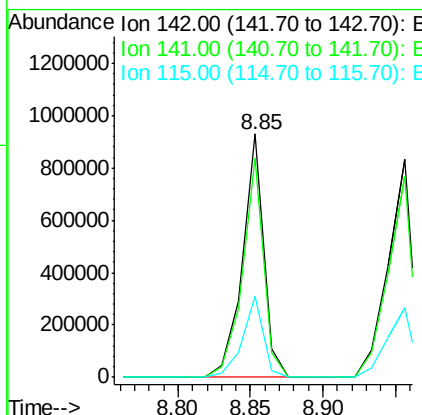
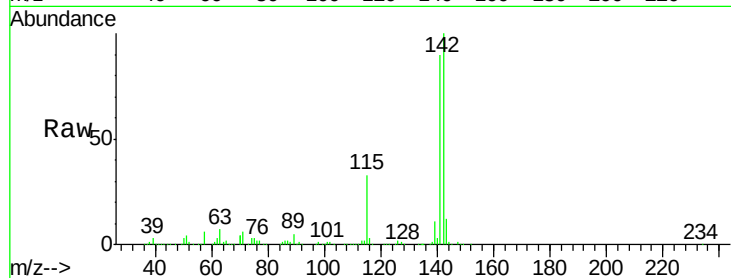
ClientSampleId :

PB97012BS

Tgt Ion:	142	Resp:	947394
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.0	106.6
115	33.3	28.3	42.5

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#38

Acenaphthene-d10

Concen: 20.00 ng

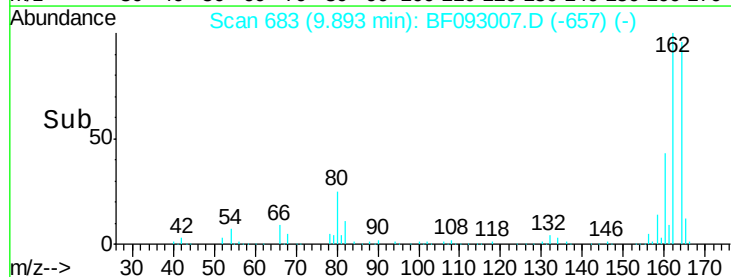
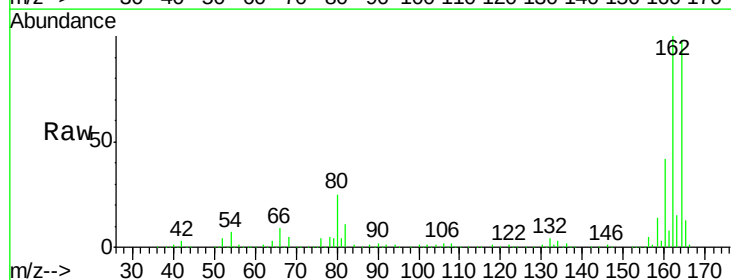
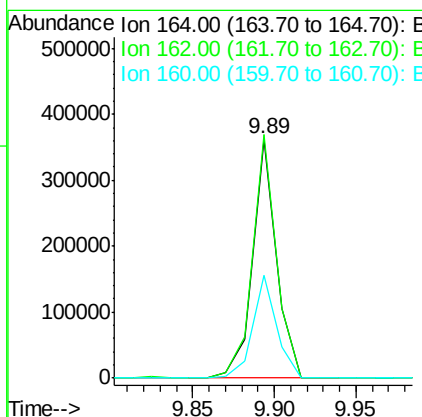
RT: 9.89 min Scan# 683

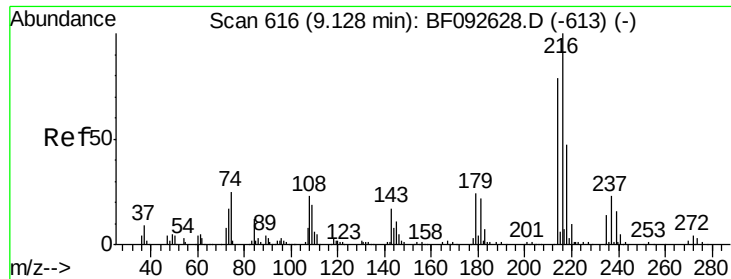
Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:	164	Resp:	368049
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.2	120.2
160	43.3	36.9	55.3





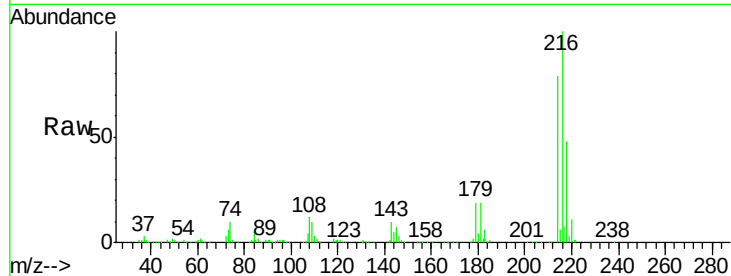
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.43 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

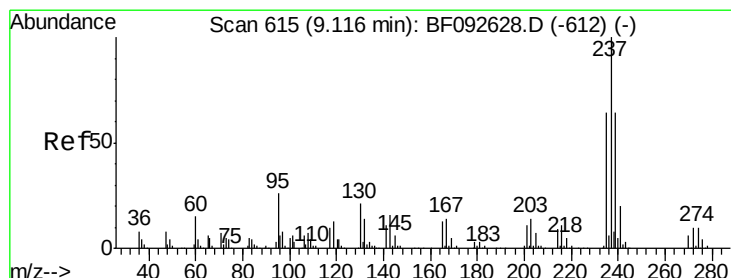
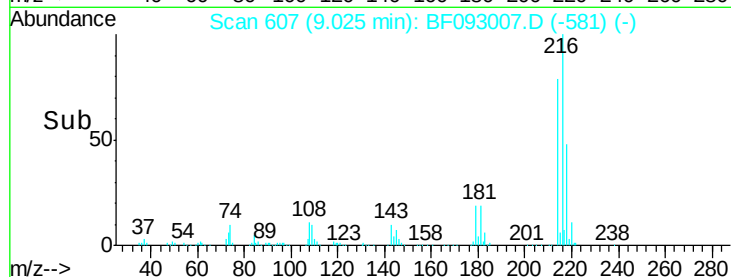
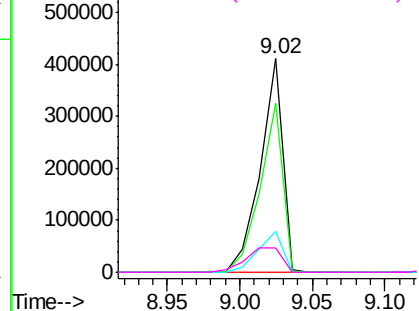
Tgt Ion:	216	Resp:	438319
Ion Ratio		Lower	Upper
216	100		
214	80.3	63.4	95.0
179	20.9	17.4	26.2
108	18.7	15.6	23.4

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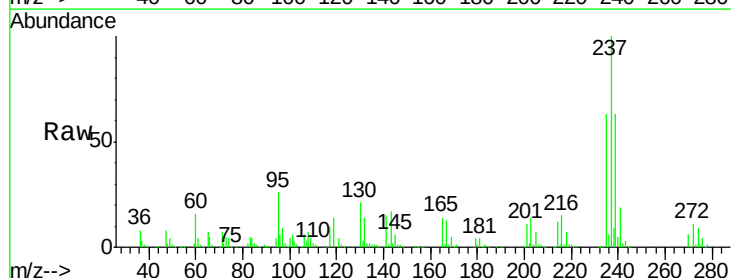


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

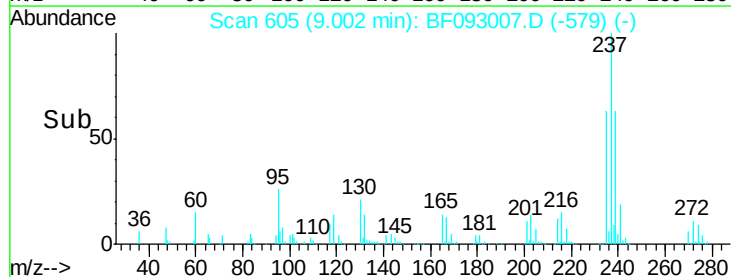
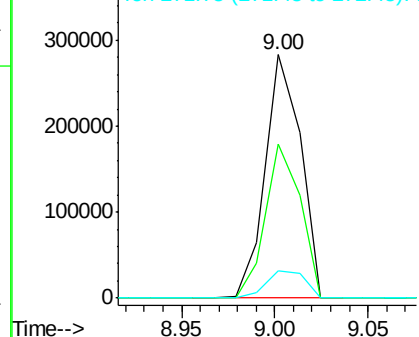


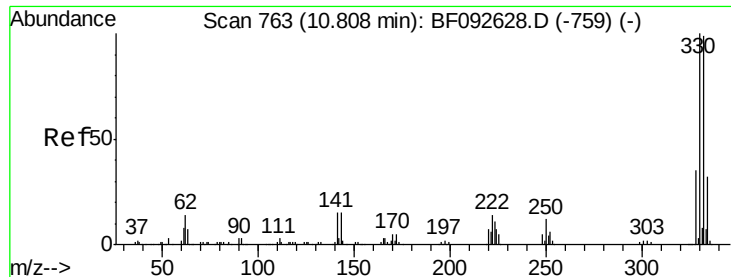
#40
 Hexachlorocyclopentadiene
 Concen: 79.77 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:	237	Resp:	371837
Ion Ratio		Lower	Upper
237	100		
235	63.4	41.2	81.2
272	11.4	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





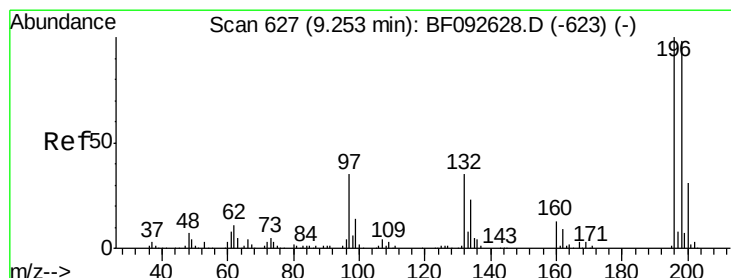
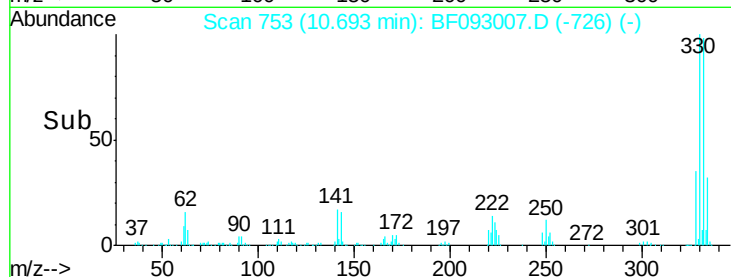
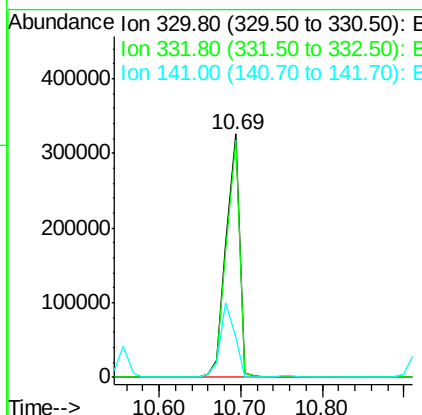
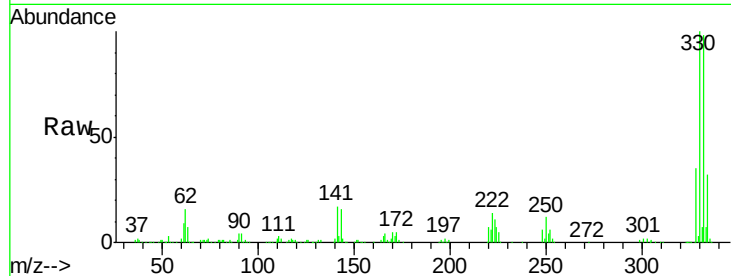
#41
 2,4,6-Tribromophenol
 Concen: 140.40 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	373729		
332	96.0	77.4	116.2	
141	32.9	34.1	51.1#	

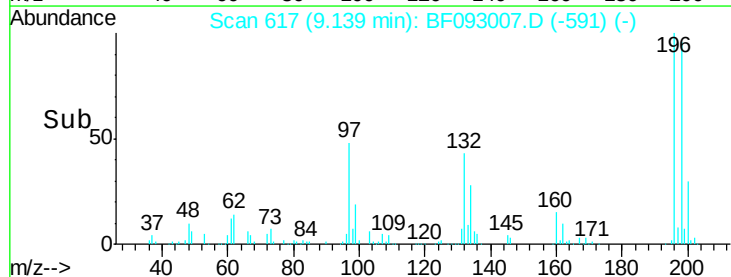
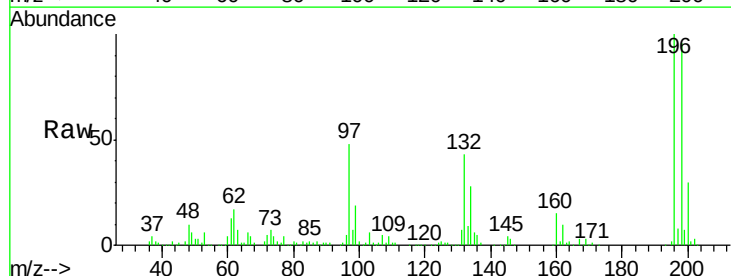
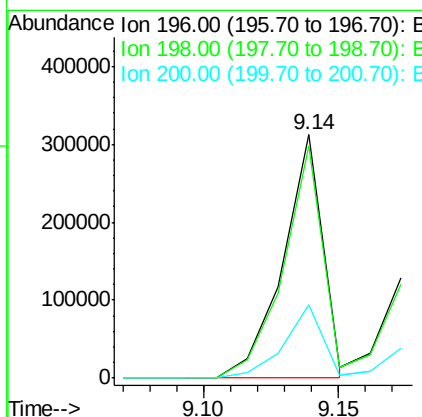
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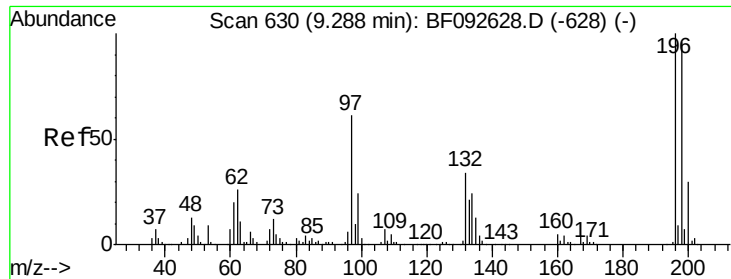
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#42
 2,4,6-Trichlorophenol
 Concen: 47.34 ng m
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

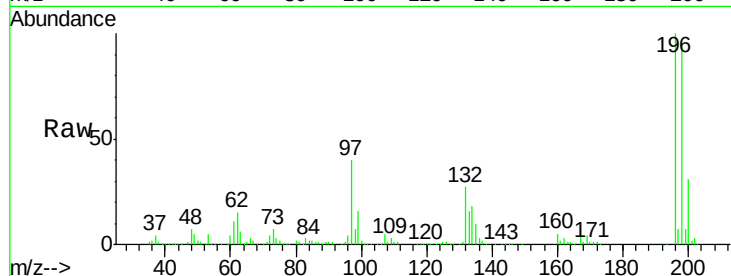
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	321365		
198	95.6	82.1	123.1	
200	30.3	27.0	40.4	





#43
 2,4,5-Trichlorophenol
 Concen: 43.94 ng m
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

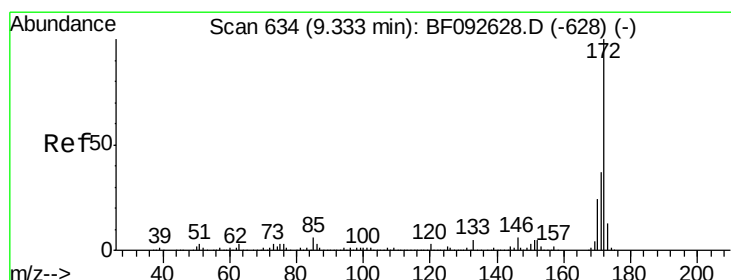
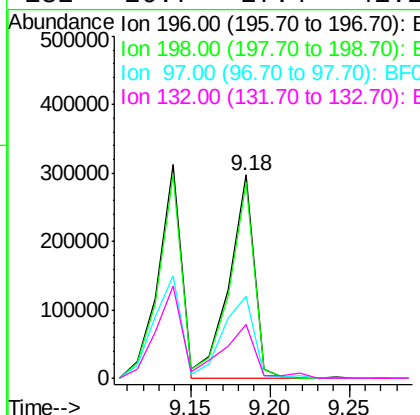
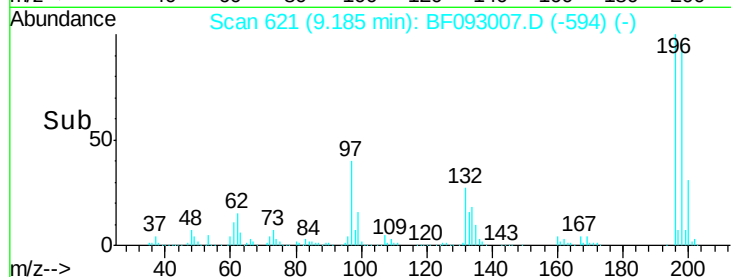
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326857		
198	96.2	79.4	119.2	
97	40.1	51.5	77.3	
132	26.7	27.4	41.2	

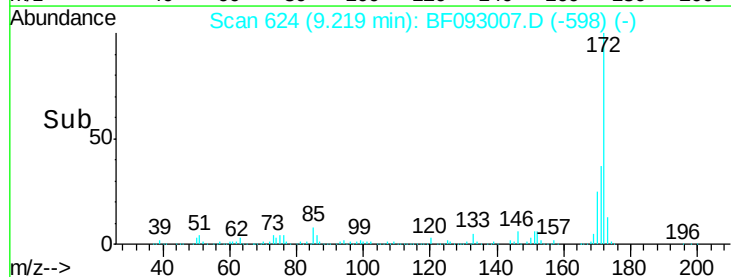
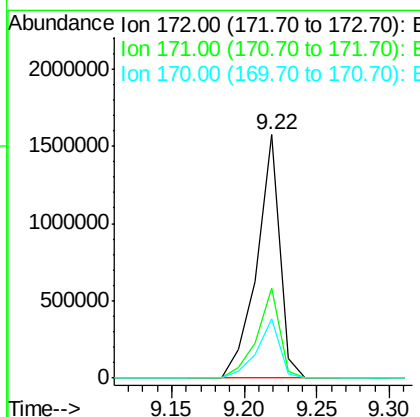
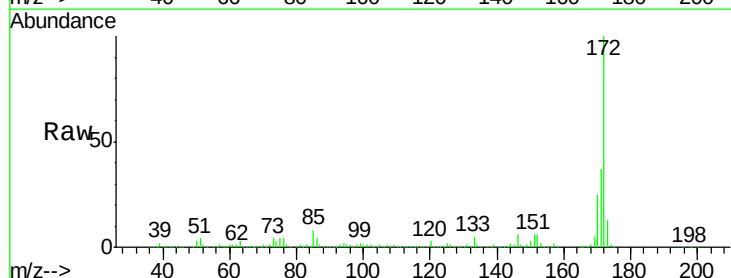
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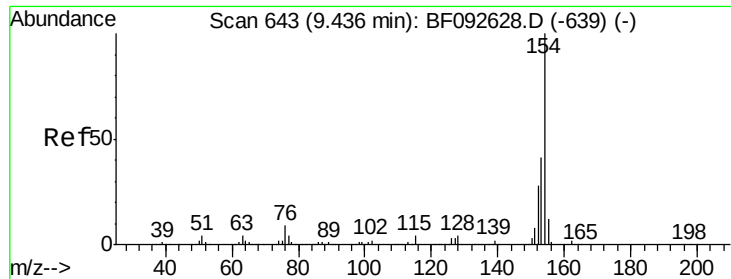
mohammad
 2/20/2017 12:59:35 PM



#44
 2-Fluorobiphenyl
 Concen: 84.92 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1725224		
171	36.7	29.4	44.0	
170	24.5	20.2	30.4	





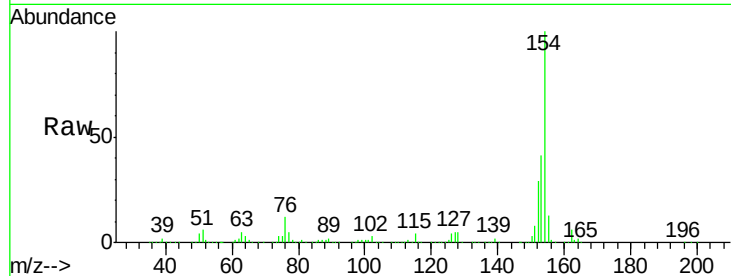
#45
1,1'-Biphenyl
Concen: 45.52 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	11.8	0.0	30.5

Manual Integrations
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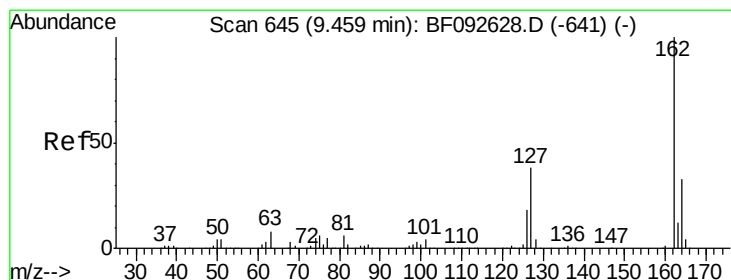
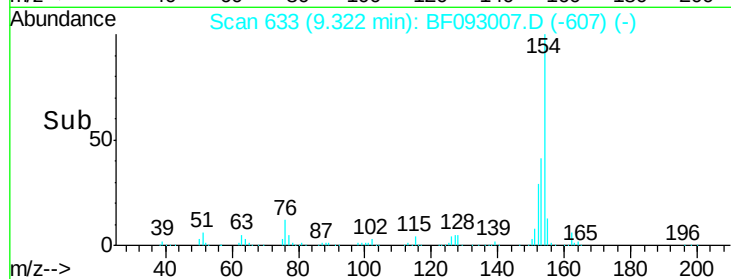
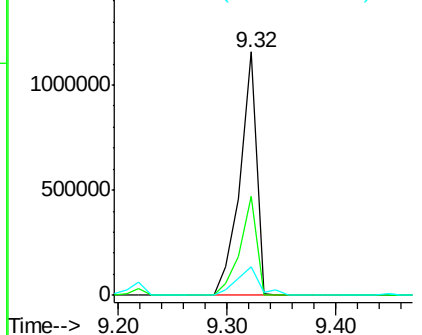


Abundance

Ion 154.00 (153.70 to 154.70): E

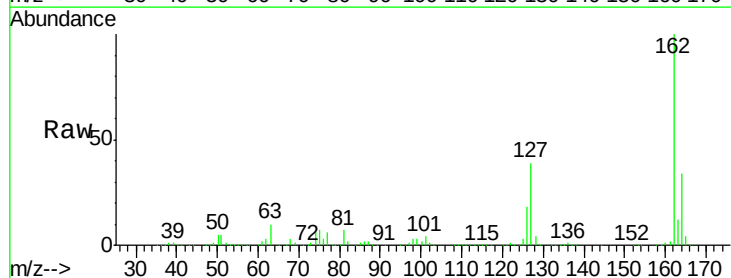
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
2-Chloronaphthalene
Concen: 44.78 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	33.7	27.6	41.4

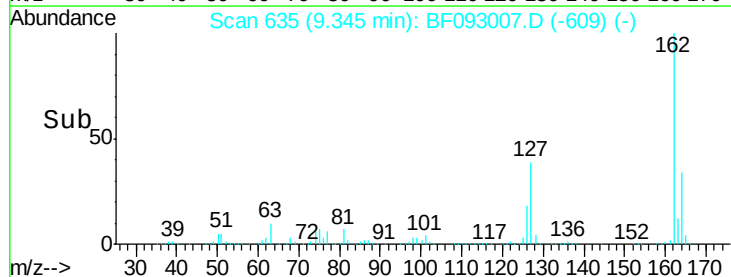
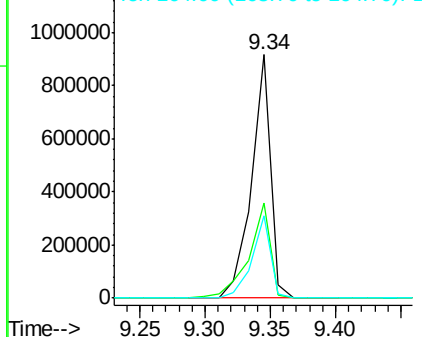


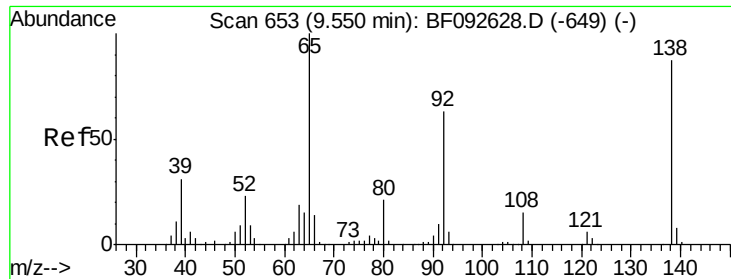
Abundance

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





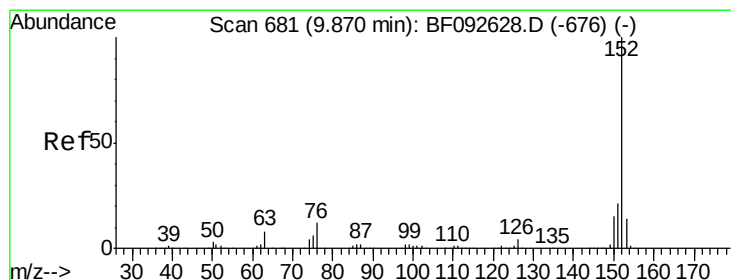
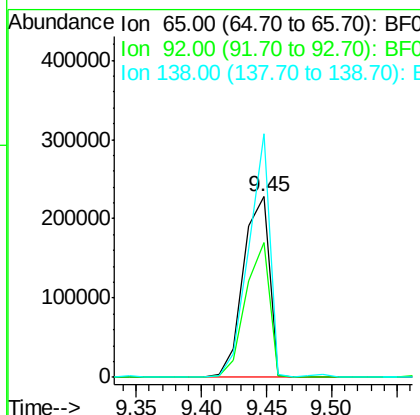
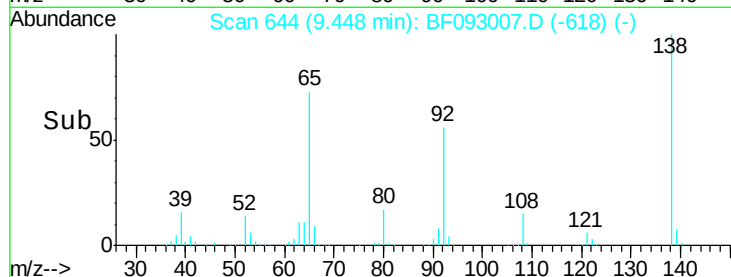
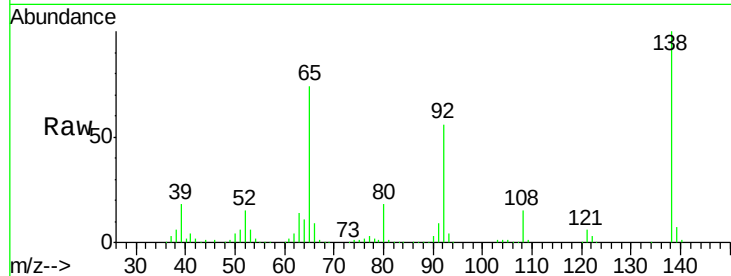
#47
2-Nitroaniline
Concen: 45.25 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	53.9	80.9
138	134.8	76.8	115.2

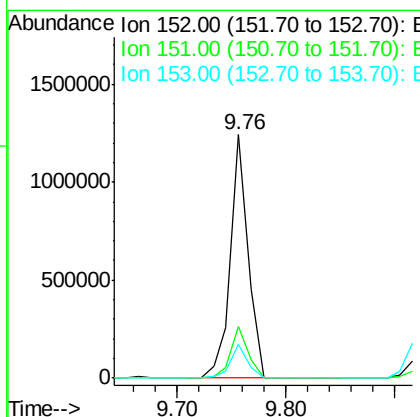
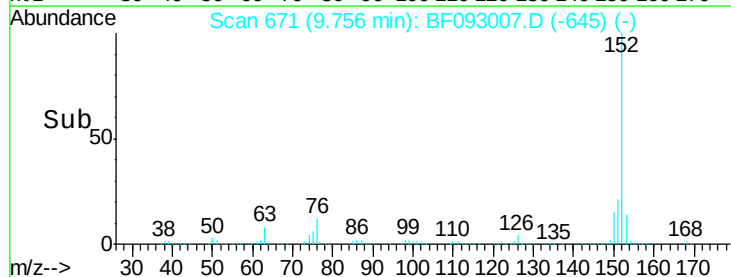
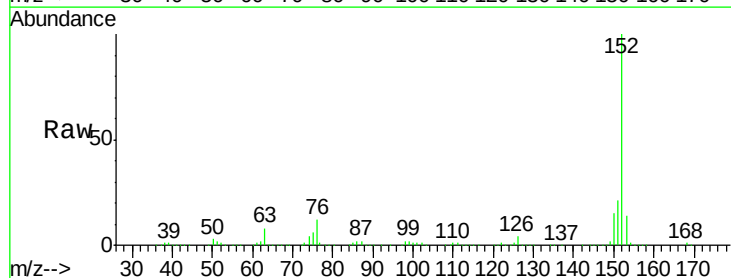
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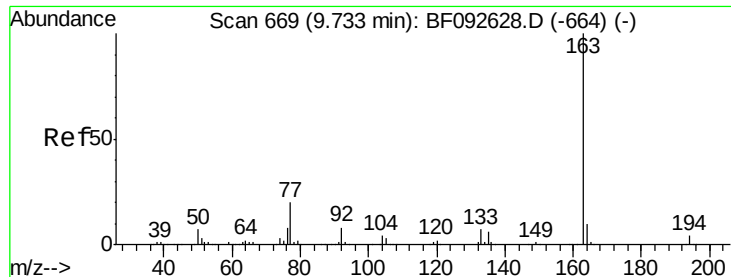
mohammad
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#48
Acenaphthylene
Concen: 38.52 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.9	25.3
153	13.9	11.4	17.2





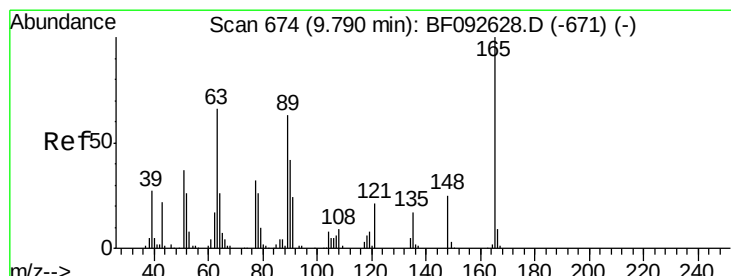
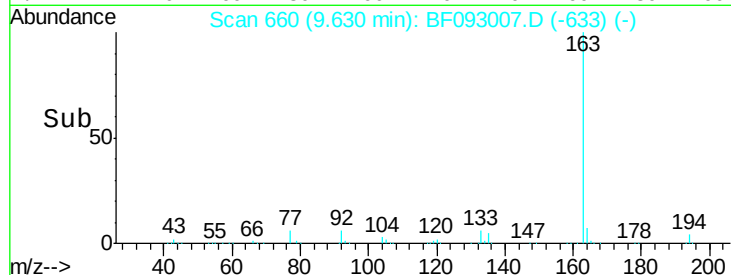
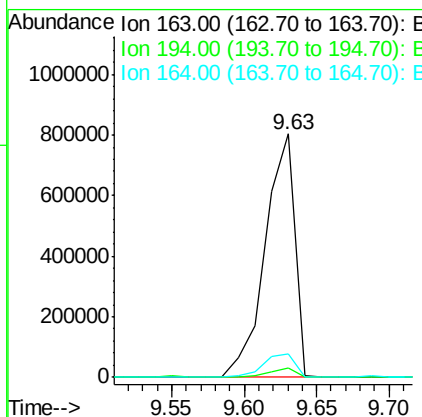
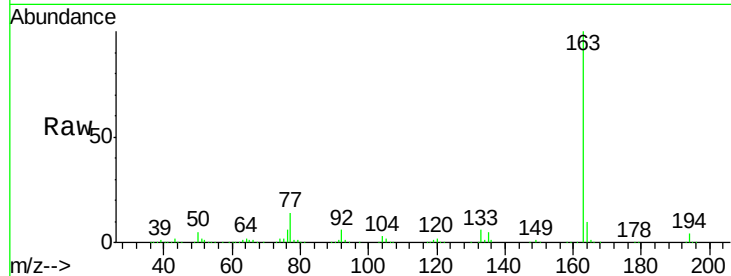
#49
Dimethylphthalate
Concen: 45.88 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:163 Resp: 1137418
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.7 8.0 12.0

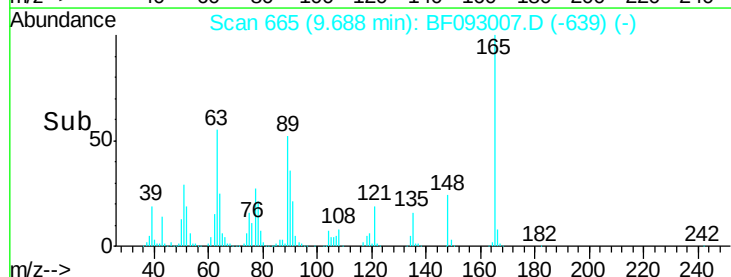
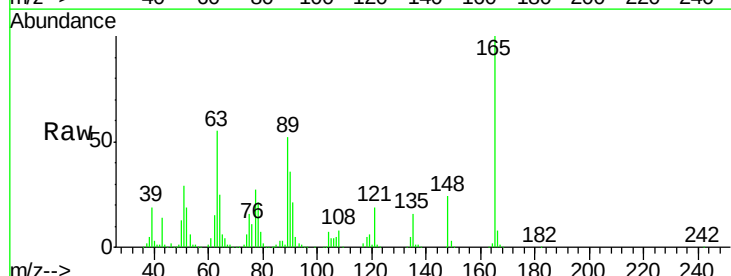
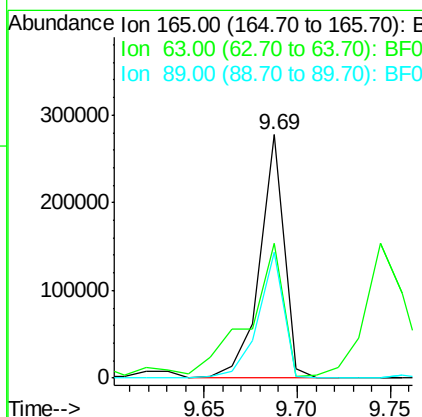
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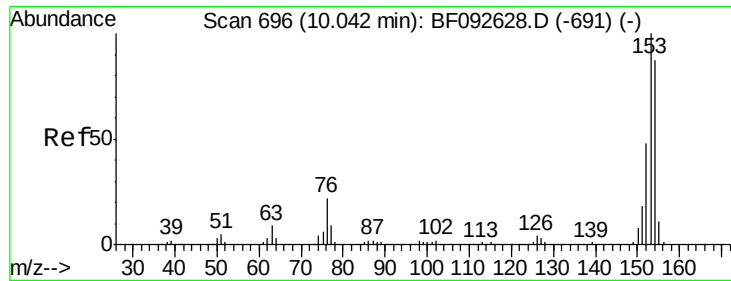
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#50
2,6-Dinitrotoluene
Concen: 46.78 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:165 Resp: 250435
Ion Ratio Lower Upper
165 100
63 55.2 36.2 54.4#
89 51.7 40.2 60.4





#51

Acenaphthene

Concen: 42.78 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

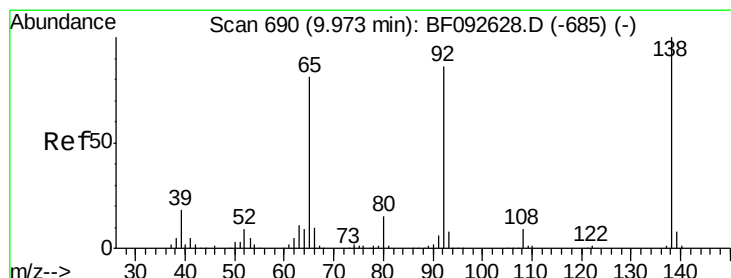
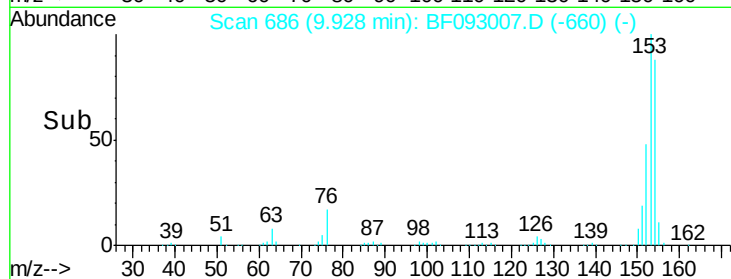
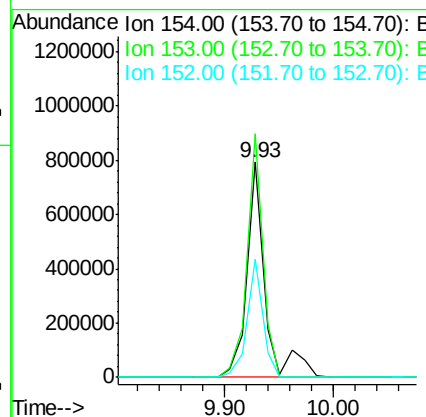
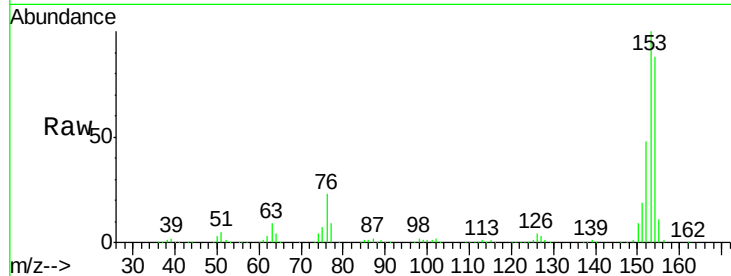
ClientSampleId :

PB97012BS

Tgt Ion:	154	Resp:	921117
Ion Ratio	Lower	Upper	
154	100		
153	113.1	88.6	133.0
152	54.8	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.50 ng

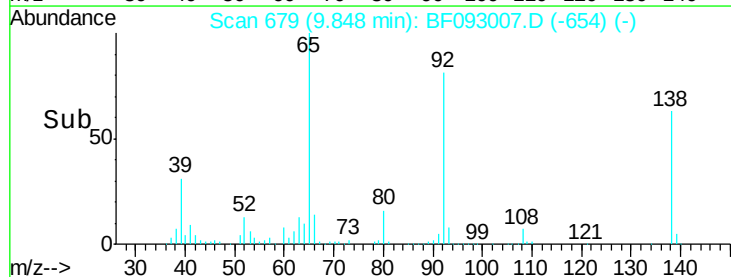
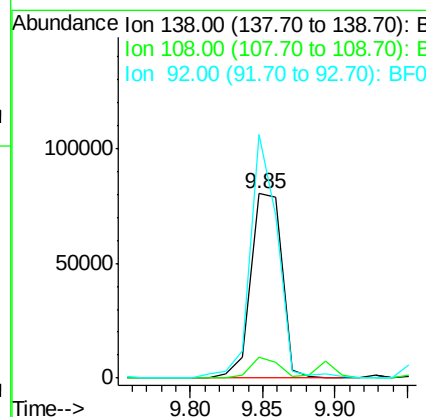
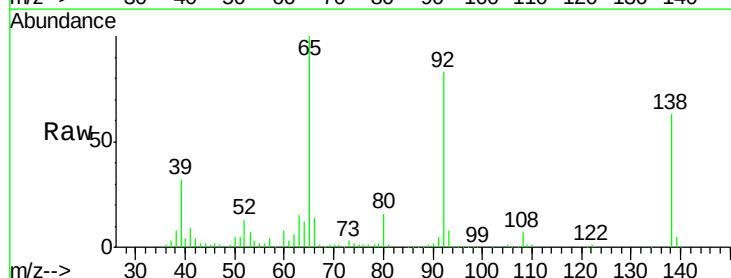
RT: 9.85 min Scan# 679

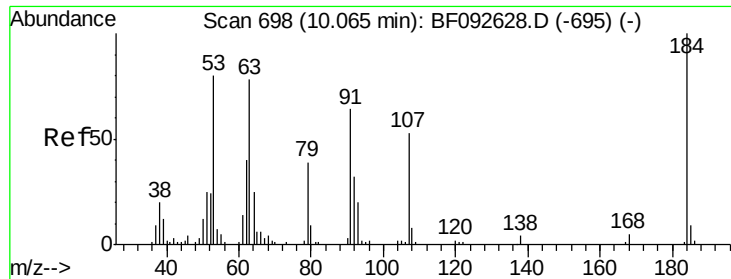
Delta R.T. -0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

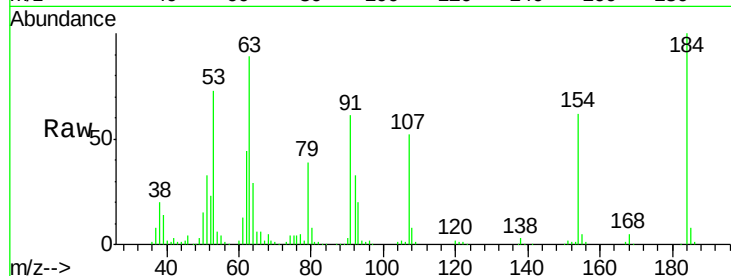
Tgt Ion:	138	Resp:	119480
Ion Ratio	Lower	Upper	
138	100		
108	11.1	8.5	12.7
92	132.1	97.8	146.8





#53
2,4-Dinitrophenol
Concen: 82.83 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

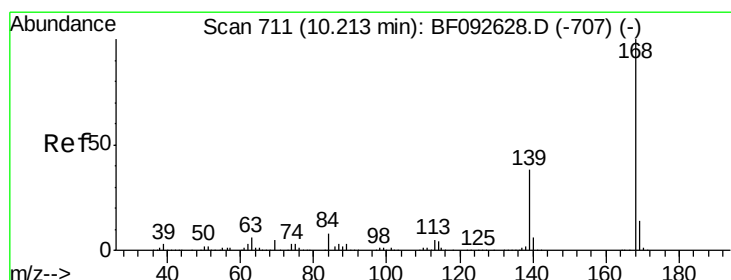
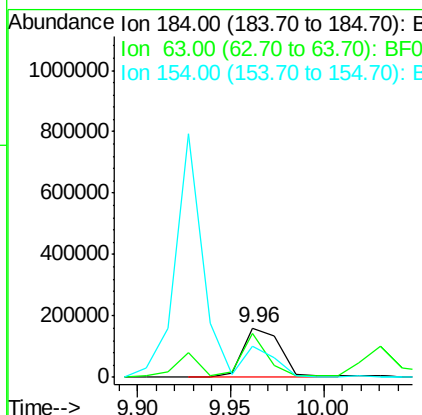
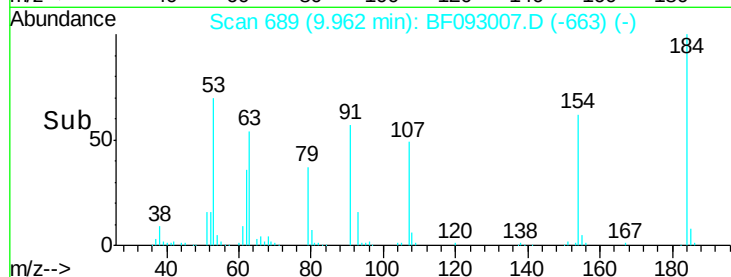
Instrument :
BNA_F
ClientSampleId :
PB97012BS



Tgt Ion:184 Resp: 226075
Ion Ratio Lower Upper
184 100
63 88.9 28.4 42.6#
154 62.0 44.3 66.5

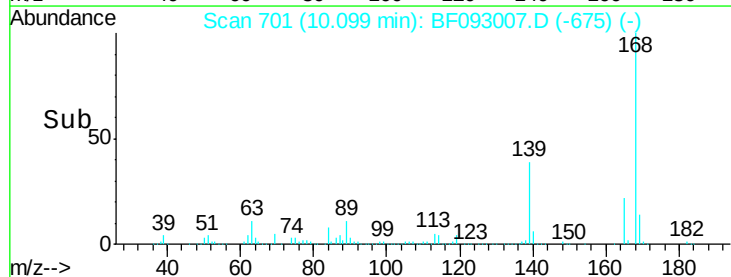
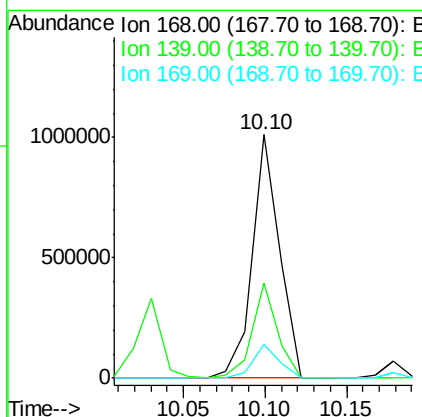
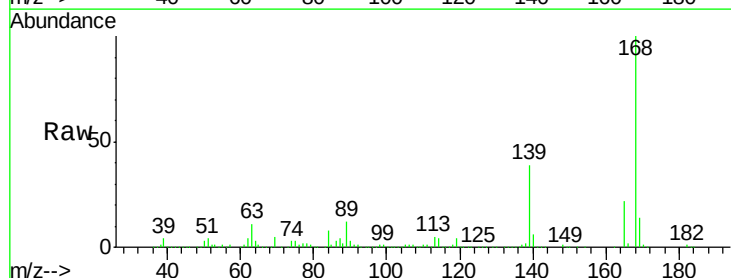
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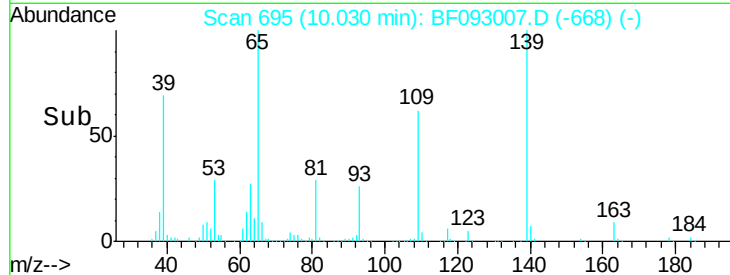
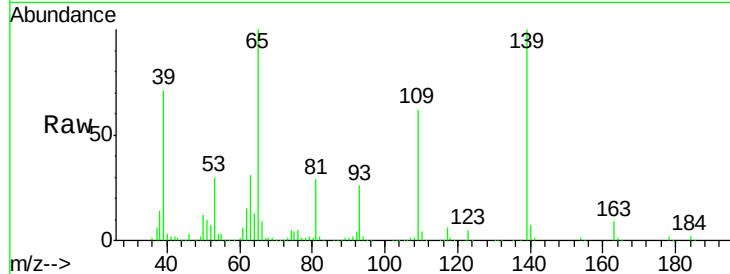
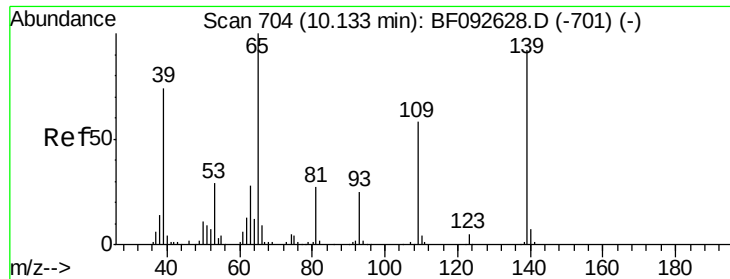
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#54
Dibenzofuran
Concen: 40.68 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:168 Resp: 1171739
Ion Ratio Lower Upper
168 100
139 39.1 32.6 49.0
169 13.9 11.3 16.9





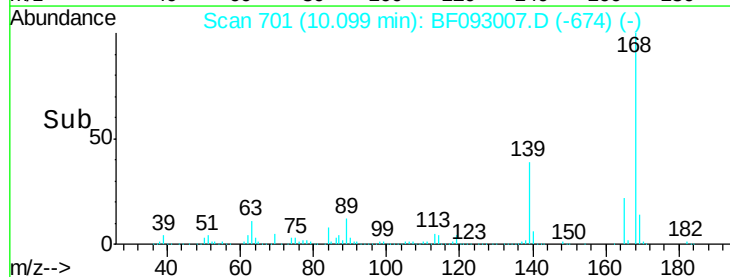
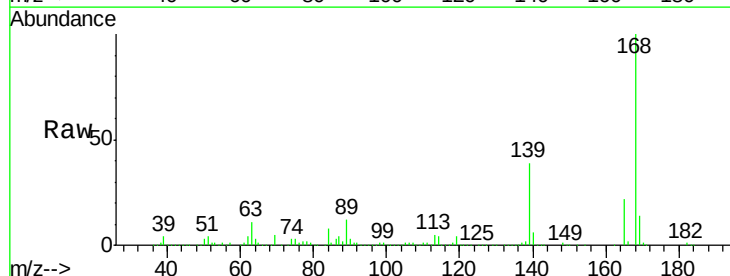
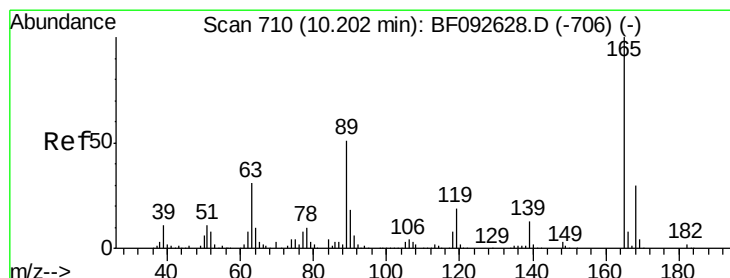
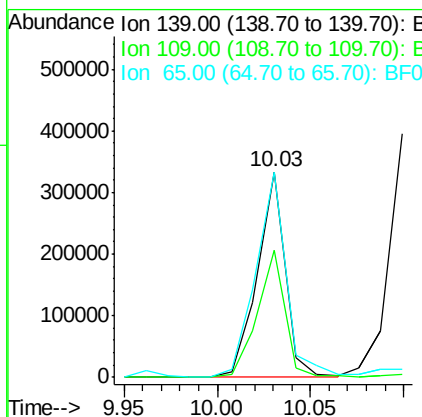
#55
4-Nitrophenol
Concen: 78.55 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	346612		
109	62.0	52.2	92.2	
65	100.2	85.8	125.8	

Instrument :
BNA_F
ClientSampleId :
PB97012BS

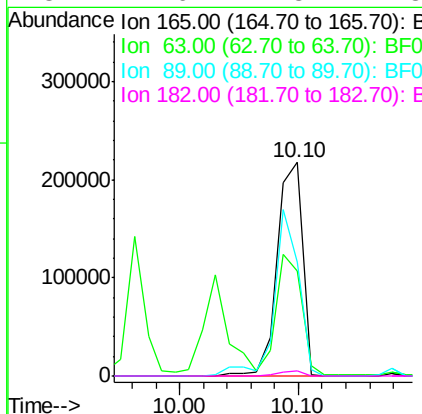
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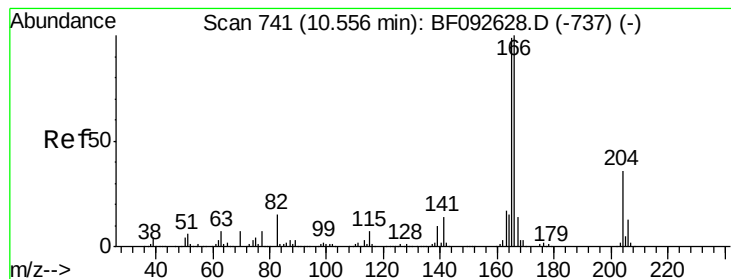
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#56
2,4-Dinitrotoluene
Concen: 44.80 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	319290		
63	49.3	40.2	60.4	
89	53.6	62.5	93.7	
182	2.6	1.8	2.8	





#57

Fluorene

Concen: 38.63 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

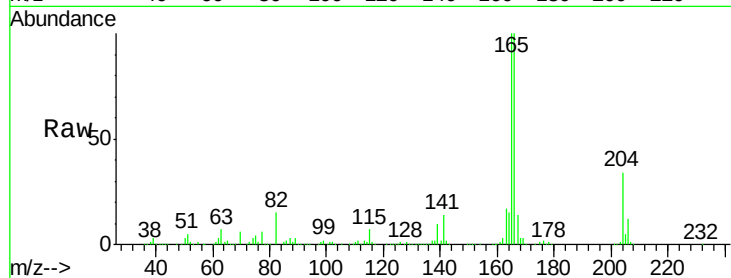
ClientSampled :

PB97012BS

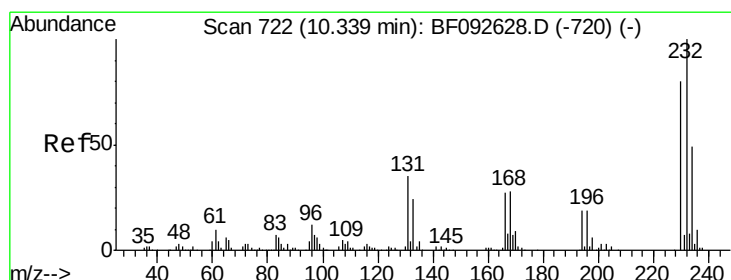
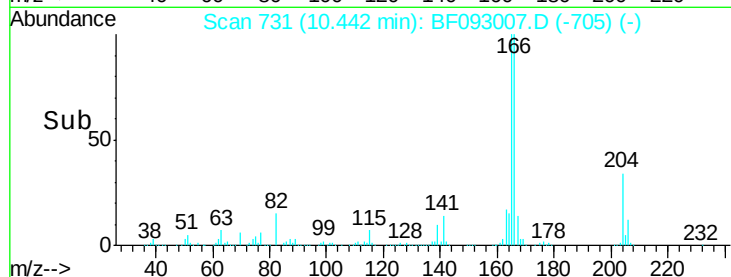
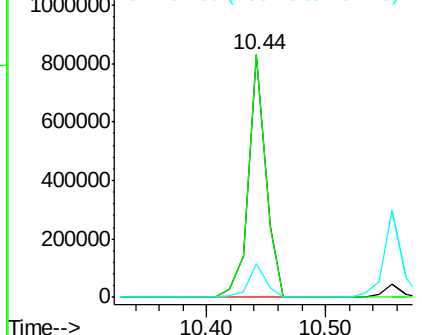
Tgt Ion:	166	Resp:	855851
Ion Ratio	Lower	Upper	
166	100		
165	100.2	77.8	116.8
167	13.7	10.8	16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.74 ng

RT: 10.22 min Scan# 712

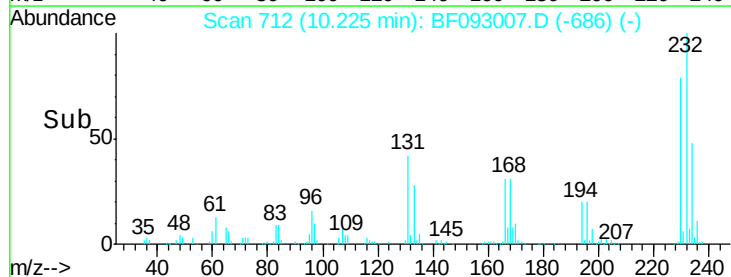
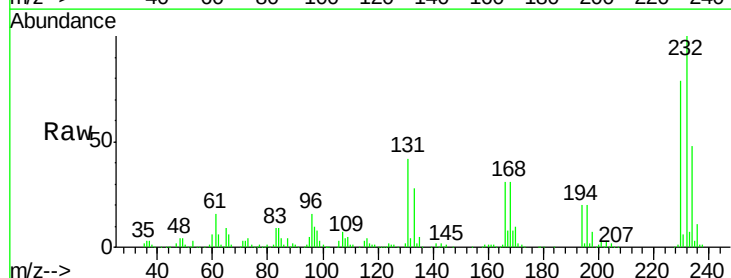
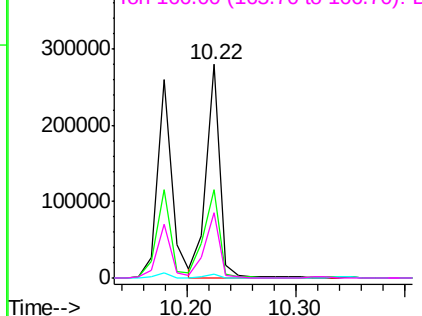
Delta R.T. -0.00 min

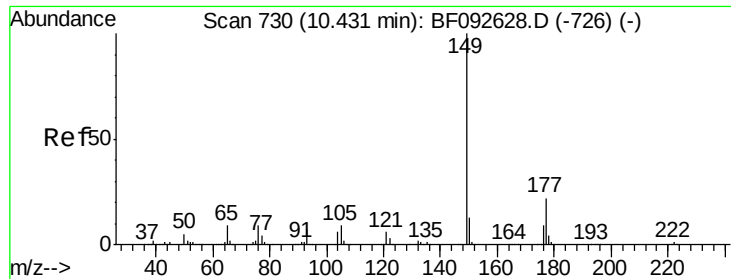
Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:	232	Resp:	246827
Ion Ratio	Lower	Upper	
232	100		
131	46.9	40.1	60.1
130	2.2	1.8	2.8
166	32.9	26.6	39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





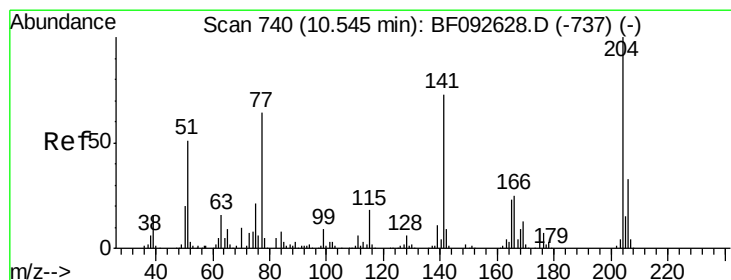
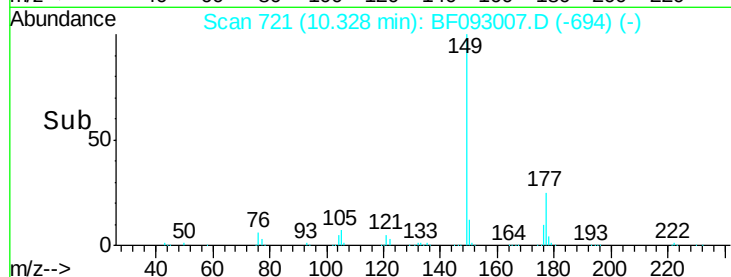
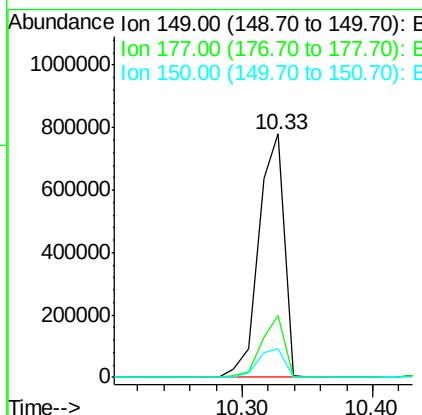
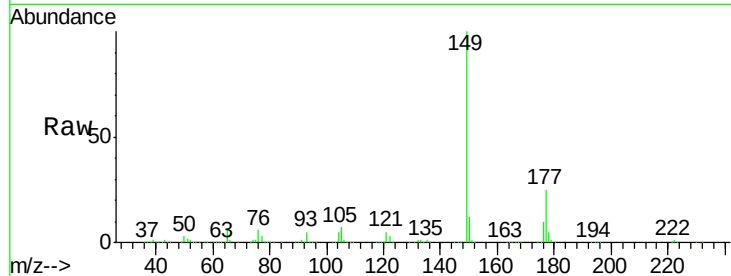
#59
Diethylphthalate
Concen: 45.17 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:149 Resp: 1055332
Ion Ratio Lower Upper
149 100
177 25.4 16.6 25.0#
150 12.0 10.4 15.6

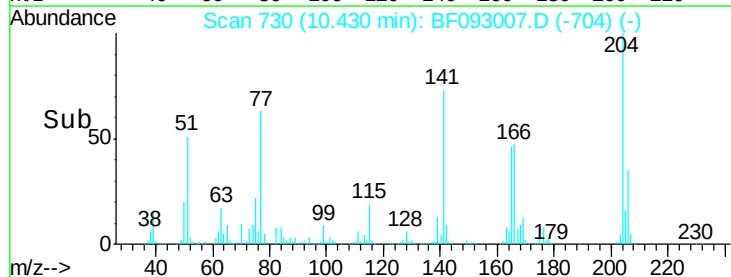
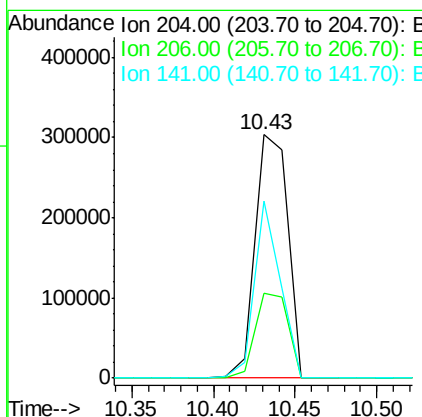
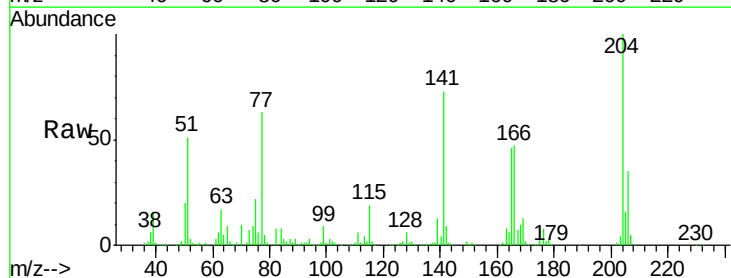
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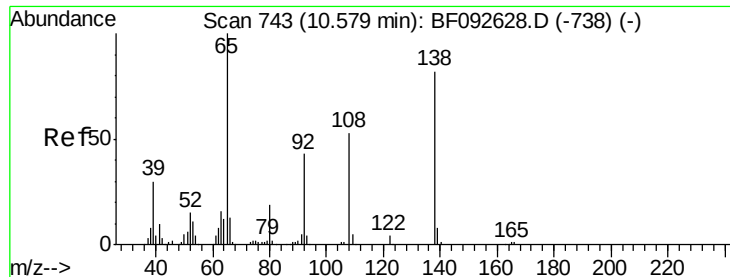
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#60
4-Chlorophenyl-phenylether
Concen: 39.68 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:204 Resp: 422405
Ion Ratio Lower Upper
204 100
206 35.0 25.8 38.6
141 72.5 59.4 89.0





#61

4-Nitroaniline

Concen: 44.04 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

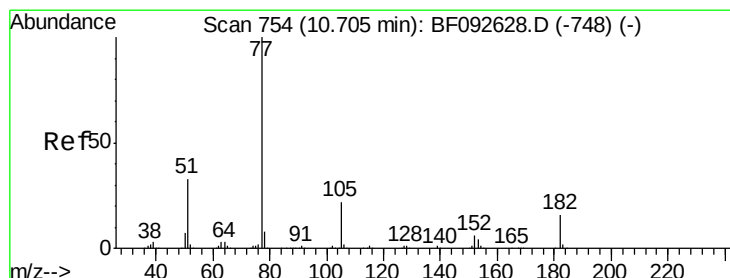
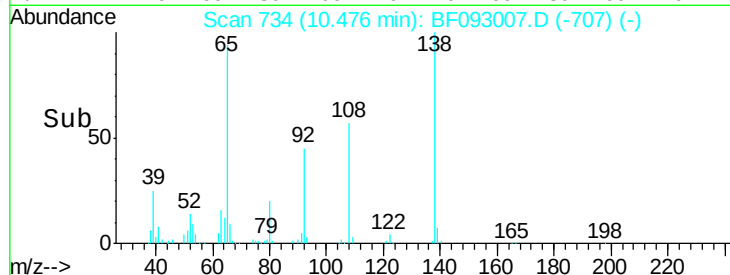
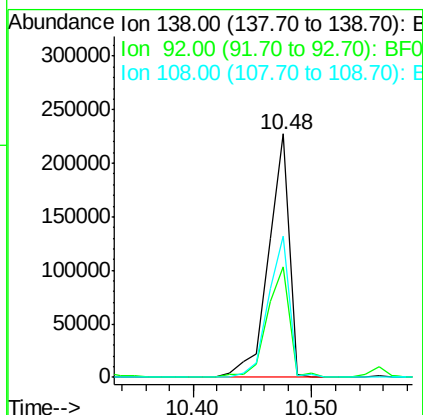
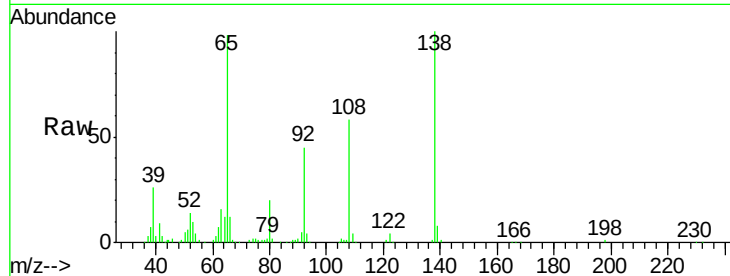
ClientSampleId :

PB97012BS

Tgt Ion:	138	Resp:	276361
Ion Ratio	Lower	Upper	
138	100		
92	45.2	31.7	71.7
108	57.8	52.6	92.6

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#62

Azobenzene

Concen: 48.26 ng

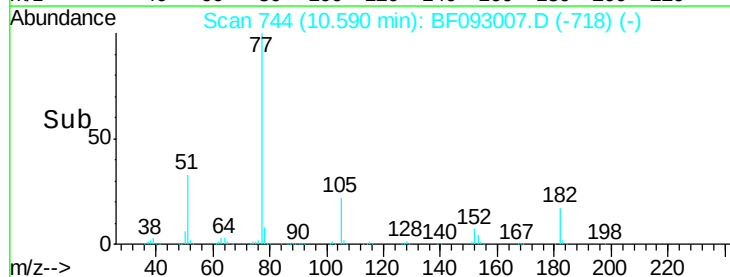
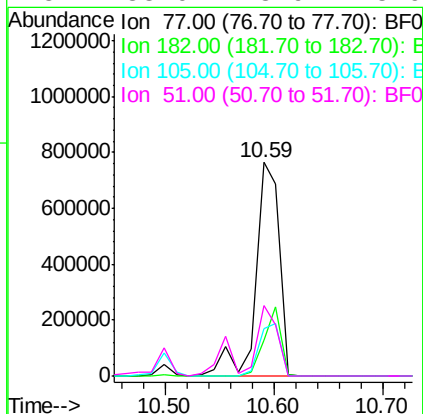
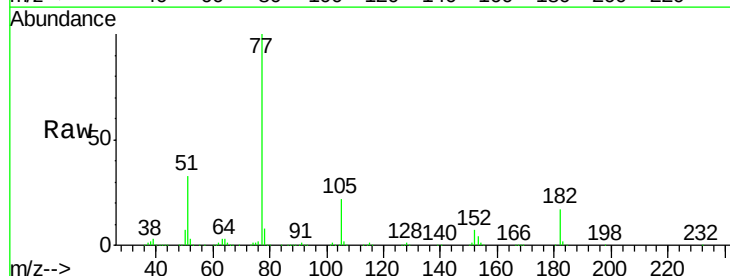
RT: 10.59 min Scan# 744

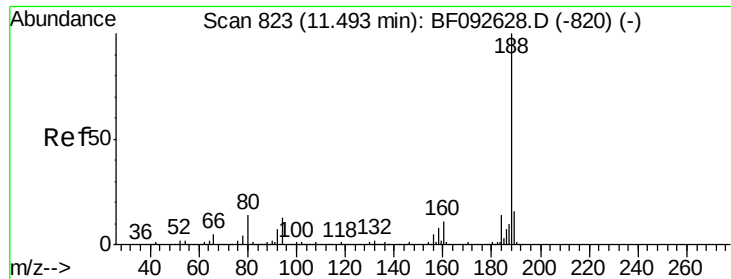
Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:	77	Resp:	1164820
Ion Ratio	Lower	Upper	
77	100		
182	17.1	0.0	39.3
105	22.3	2.3	42.3
51	33.0	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

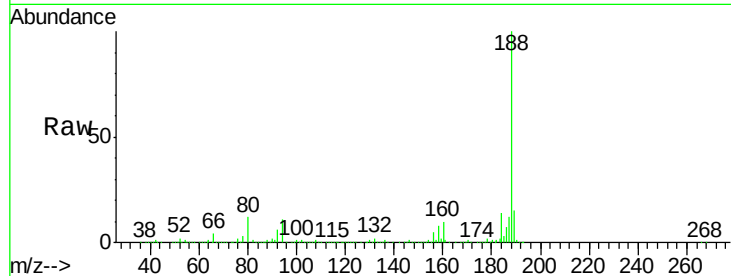
ClientSampleId :

PB97012BS

Tgt Ion:	188	Resp:	620839
Ion Ratio	Lower	Upper	
188	100		
94	10.8	10.0	15.0
80	11.6	11.2	16.8

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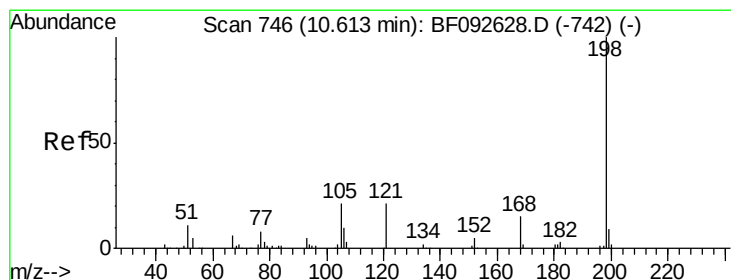
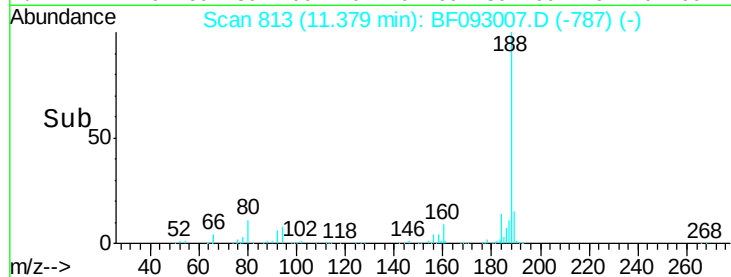
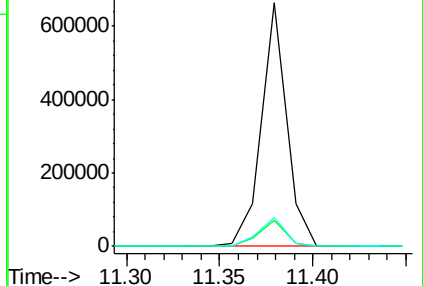
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 43.88 ng

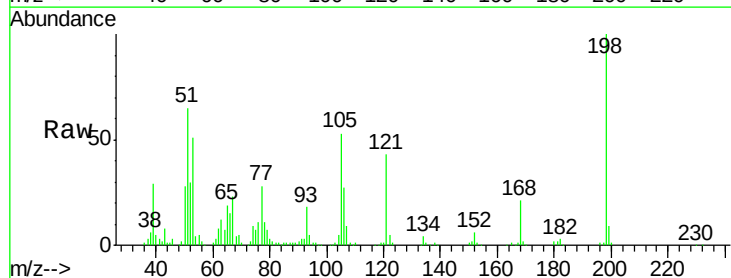
RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

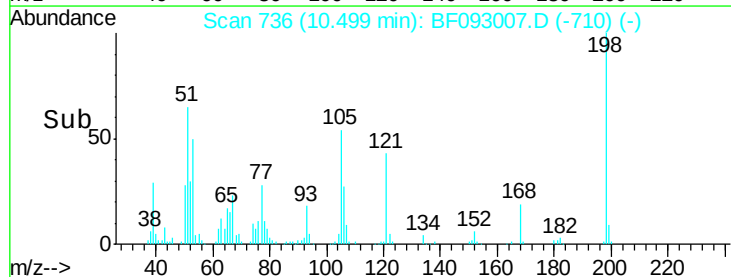
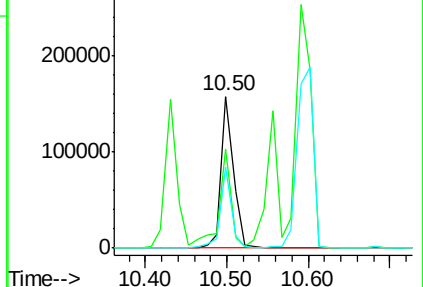
Tgt Ion:	198	Resp:	164890
Ion Ratio	Lower	Upper	
198	100		
51	65.3	6.7	46.7#
105	53.2	16.6	56.6

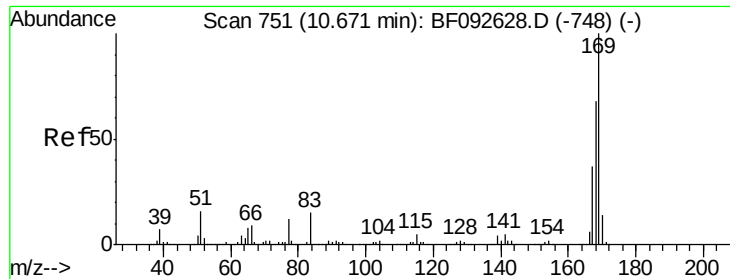


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.29 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

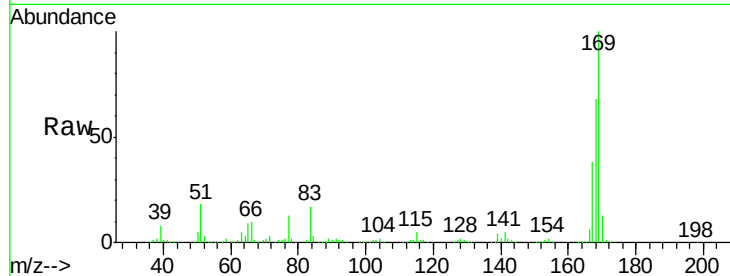
ClientSampleId :

PB97012BS

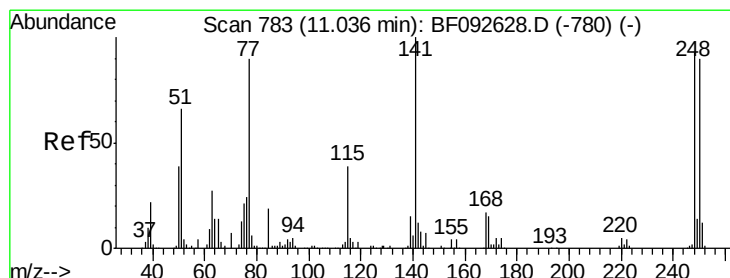
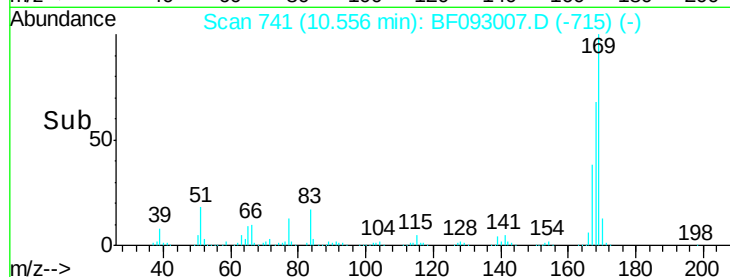
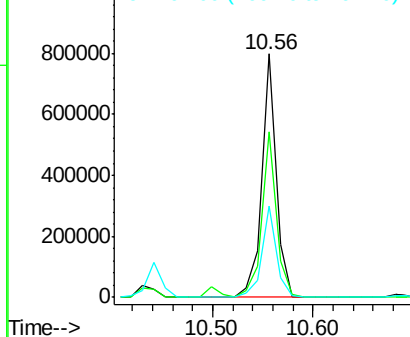
Tgt Ion:	169	Resp:	799070
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.2
167	37.7	30.2	45.4

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



#66

4-Bromophenyl-phenylether

Concen: 38.98 ng

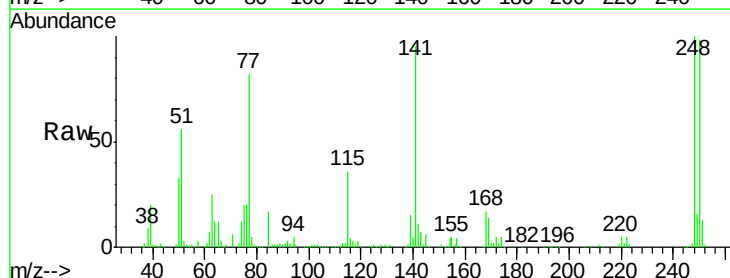
RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

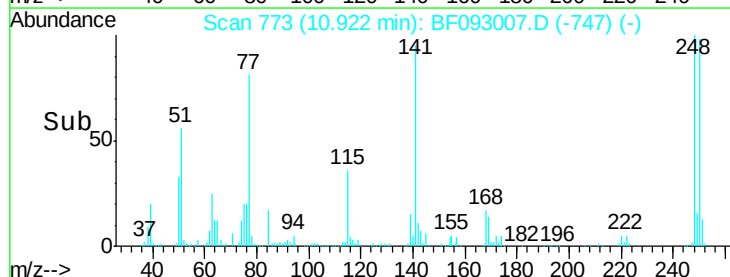
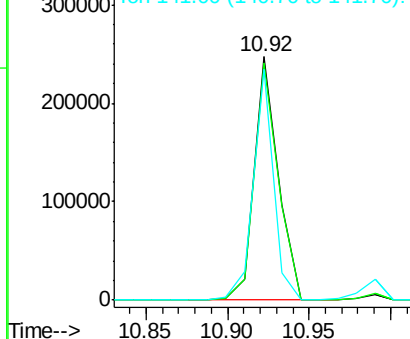
Lab File: BF093007.D

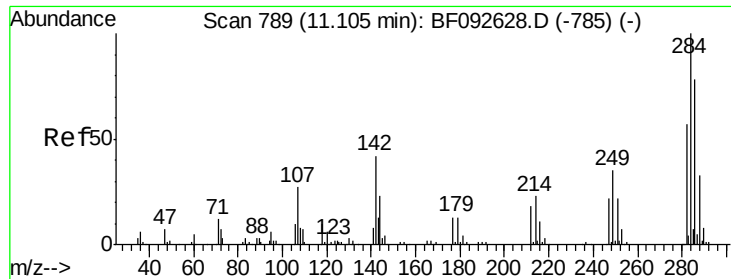
Acq: 17 Feb 2017 13:46

Tgt Ion:	248	Resp:	252859
Ion Ratio	Lower	Upper	
248	100		
250	97.7	76.9	115.3
141	94.6	68.2	102.4



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





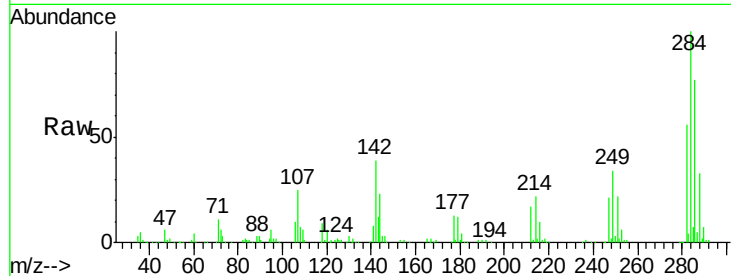
#67
Hexachlorobenzene
Concen: 40.19 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

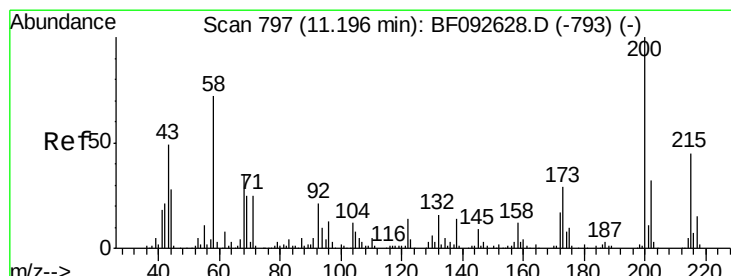
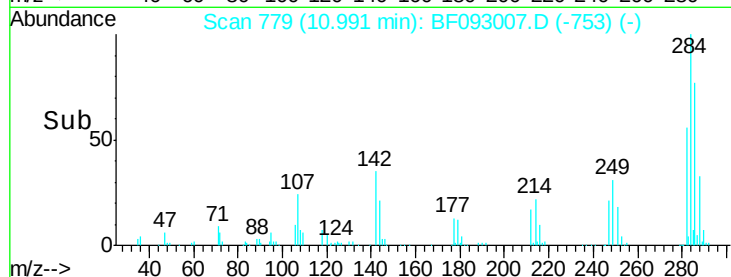
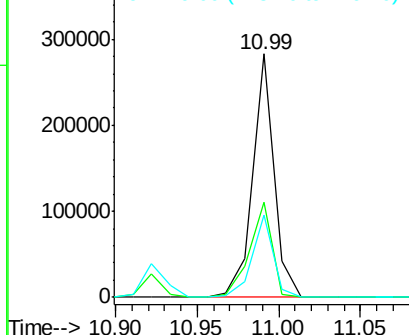
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	257602		
142	39.2	22.6	33.8#	
249	33.6	25.4	38.0	

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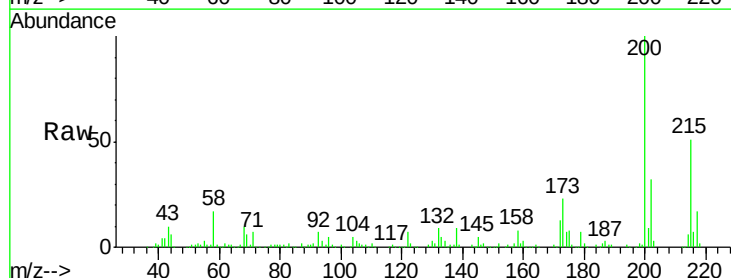


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

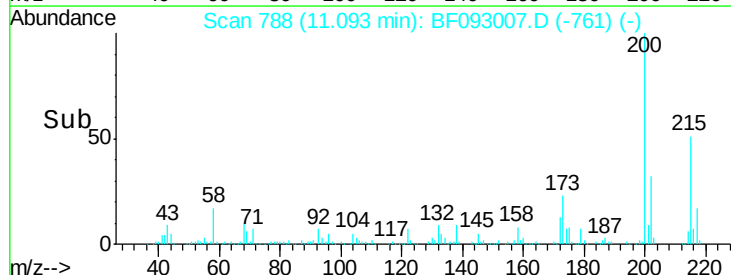
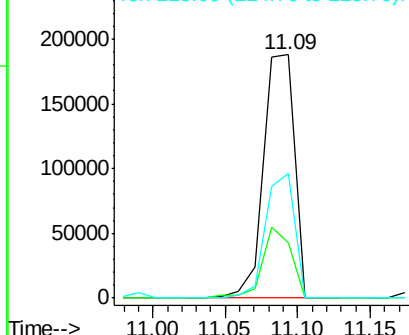


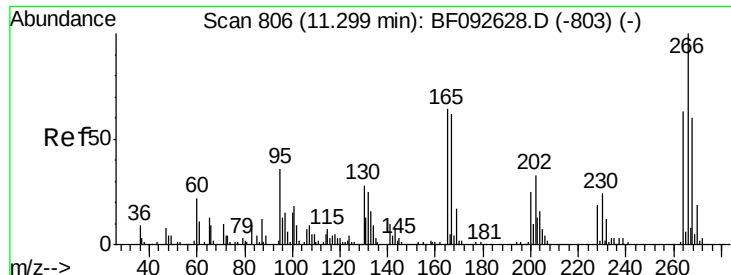
#68
Atrazine
Concen: 43.72 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	278274		
173	22.7	9.6	49.6	
215	51.3	25.7	65.7	



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





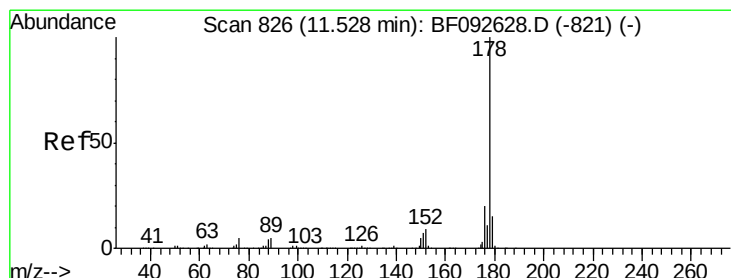
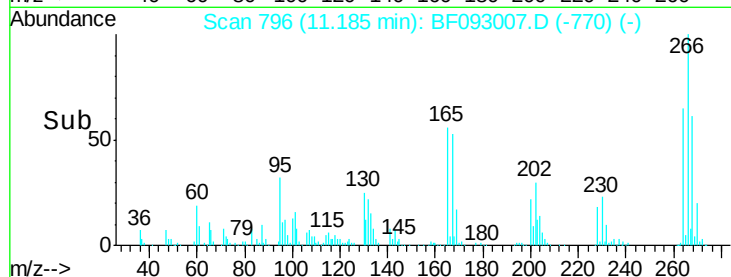
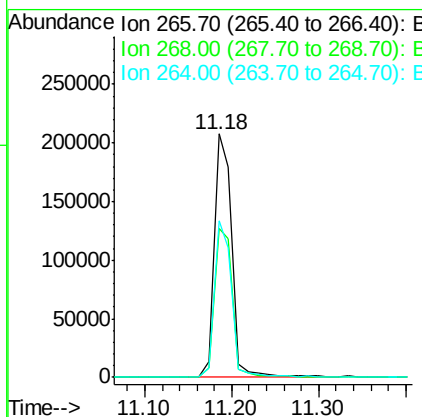
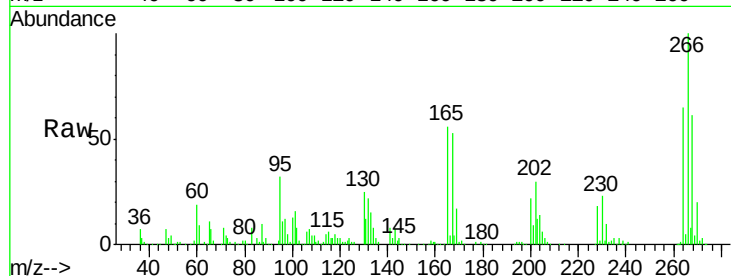
#69
 Pentachlorophenol
 Concen: 88.30 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.1	53.3	79.9
264	64.5	50.3	75.5

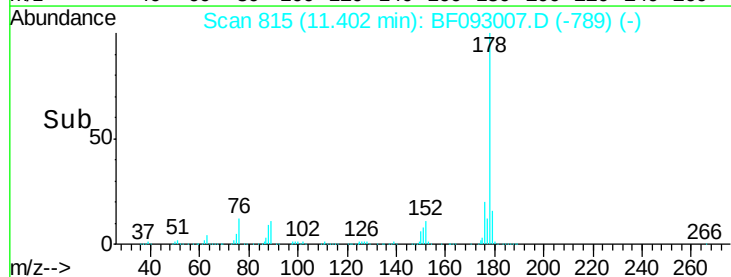
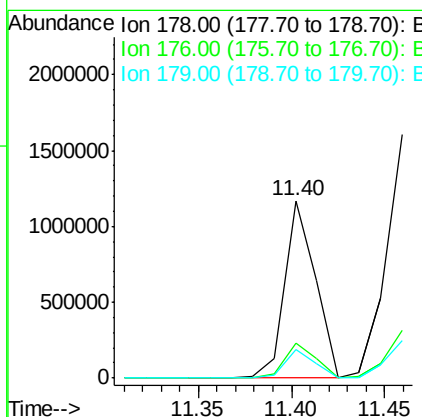
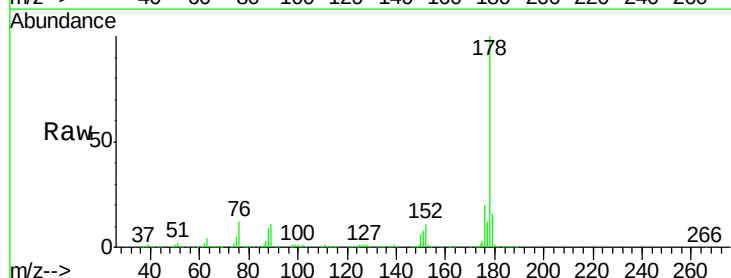
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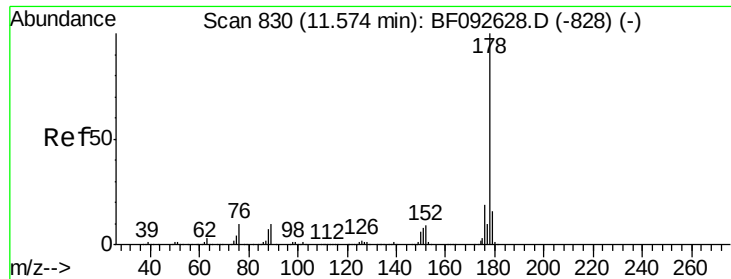
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#70
 Phenanthrene
 Concen: 37.93 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.1	12.8	19.2





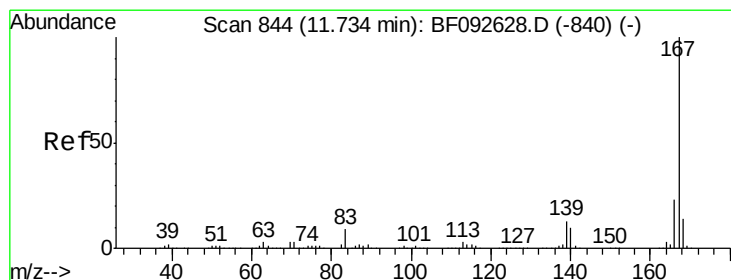
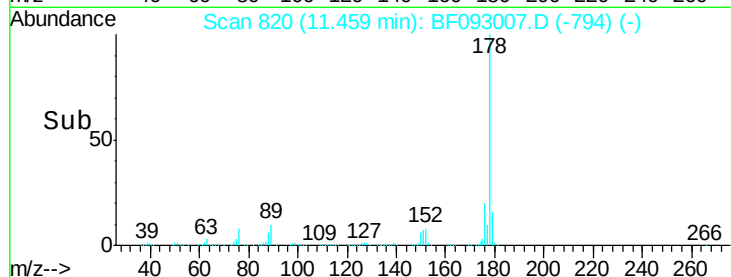
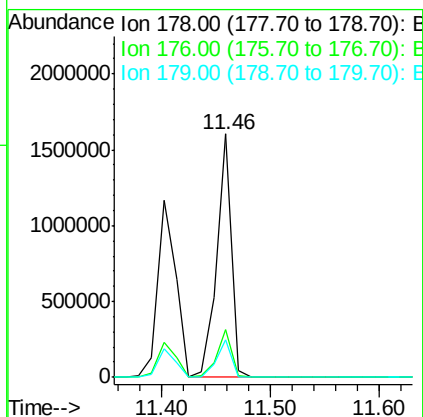
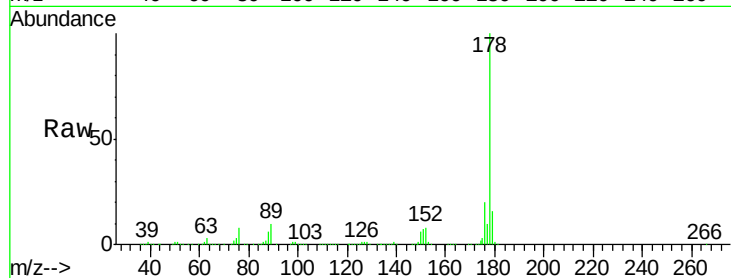
#71
 Anthracene
 Concen: 42.61 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion:178 Resp: 1522117
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 13.2 19.8

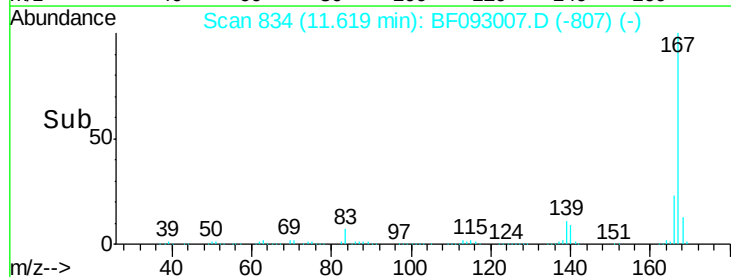
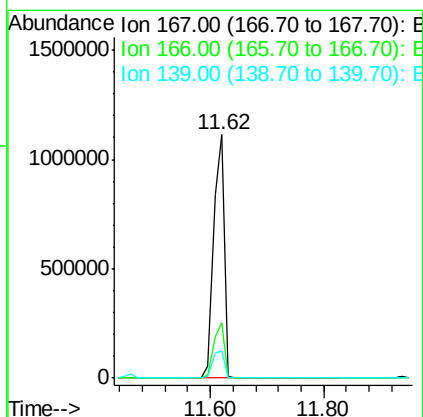
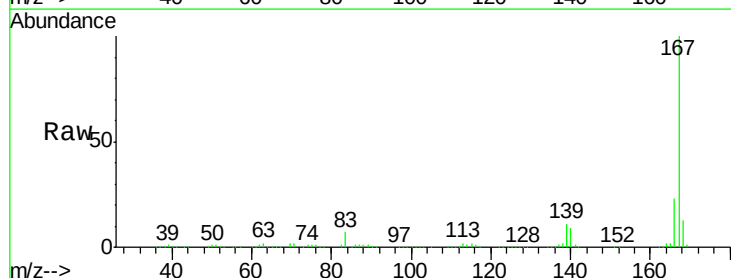
Manual Integrations
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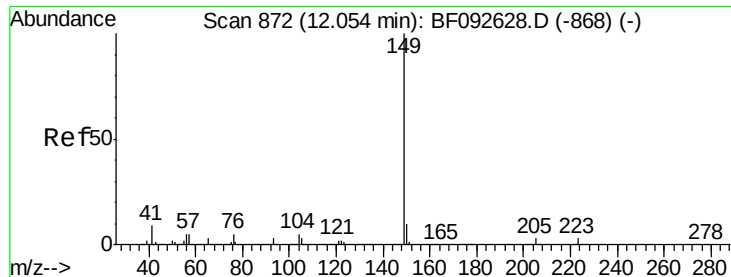
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#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:167 Resp: 1395718
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 11.4 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 41.34 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

Tgt Ion:149 Resp: 1526439

Ion Ratio Lower Upper

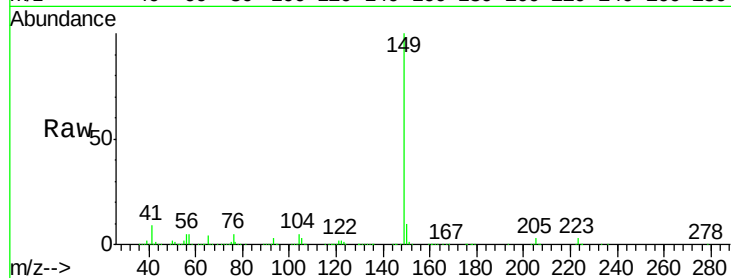
149 100

150 9.6 8.1 12.1

104 4.7 4.6 7.0

Manual Integrations
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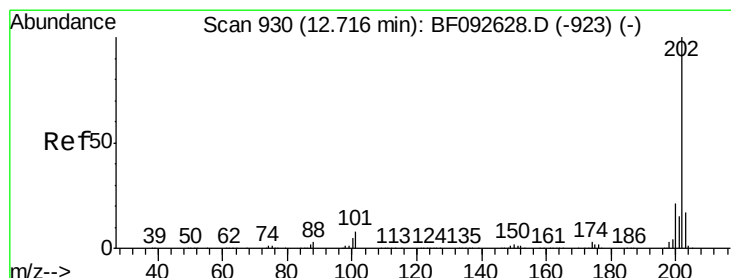
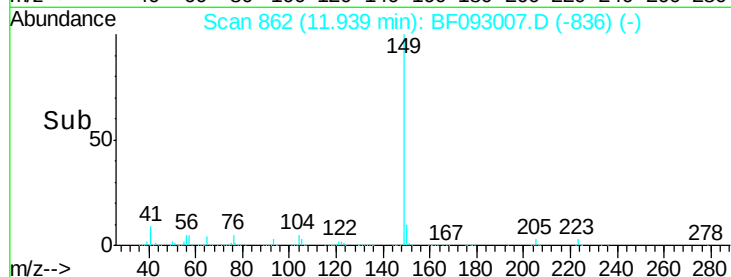
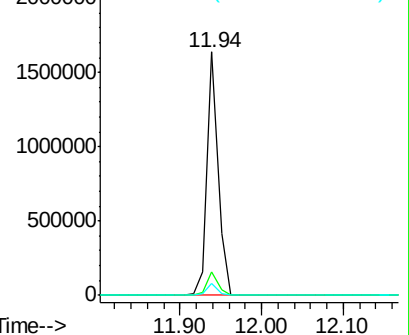
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.03 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

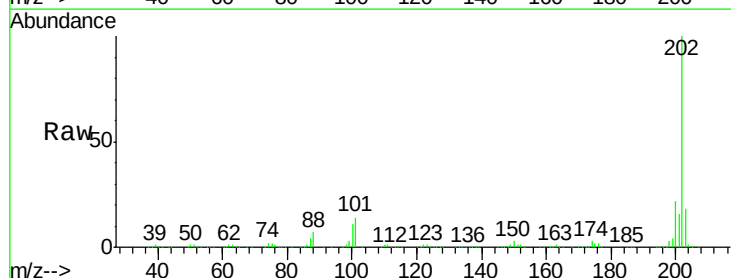
Tgt Ion:202 Resp: 1358773

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.6

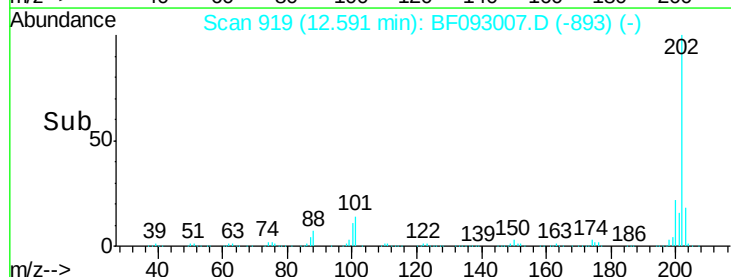
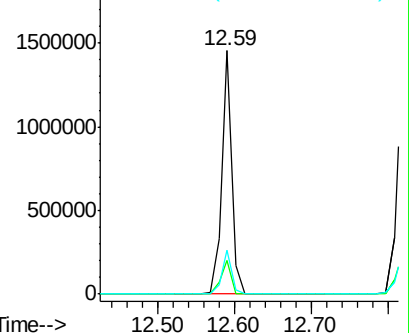
203 17.9 0.0 38.7

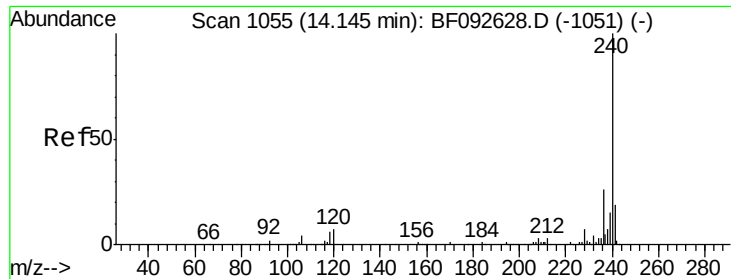


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

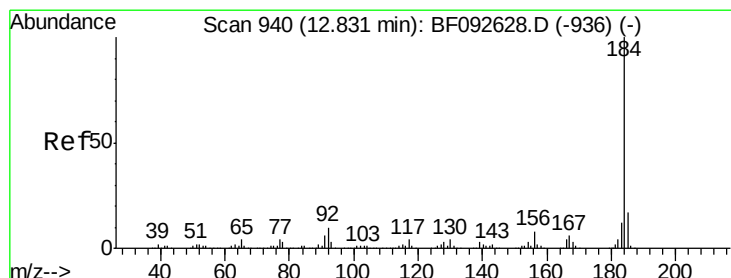
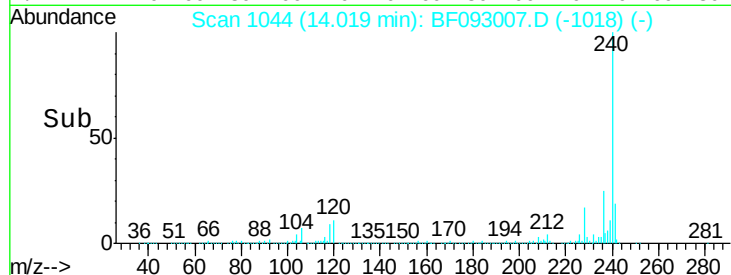
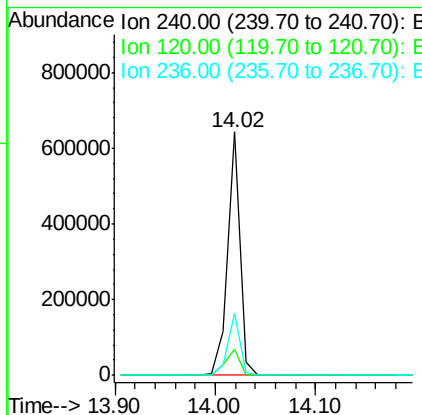
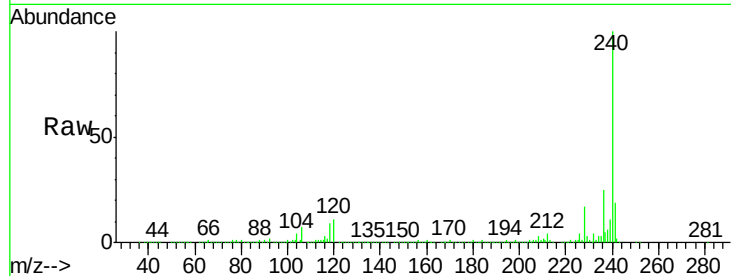
ClientSampleId :

PB97012BS

Tgt Ion:240 Resp: 549988
 Ion Ratio Lower Upper
 240 100
 120 10.8 12.9 19.3#
 236 25.4 20.9 31.3

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#76

Benzidine

Concen: 18.66 ng

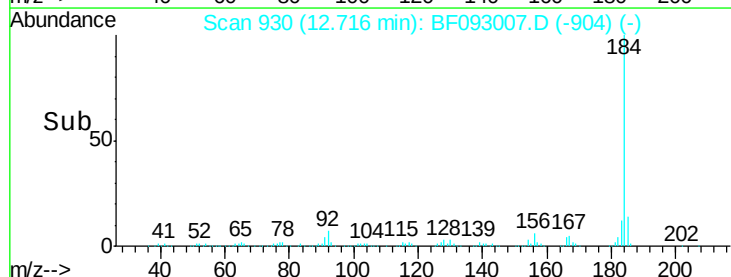
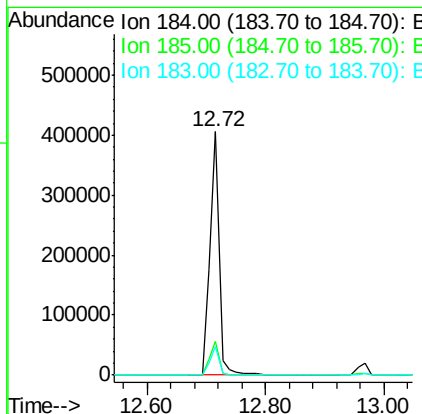
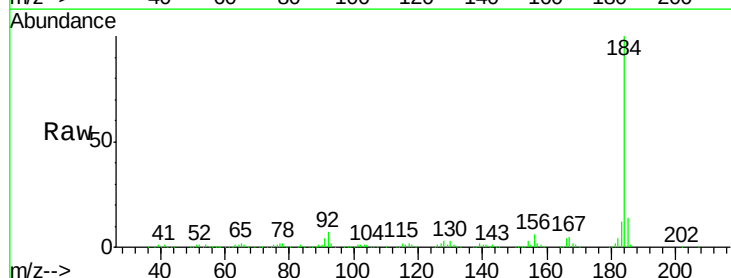
RT: 12.72 min Scan# 930

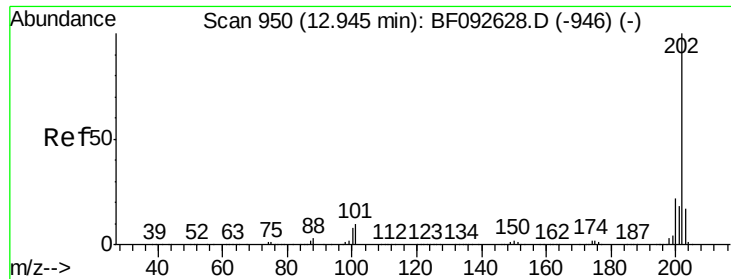
Delta R.T. -0.00 min

Lab File: BF093007.D

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Tgt Ion:184 Resp: 437319
 Ion Ratio Lower Upper
 184 100
 185 14.0 13.4 20.0
 183 11.8 9.2 13.8





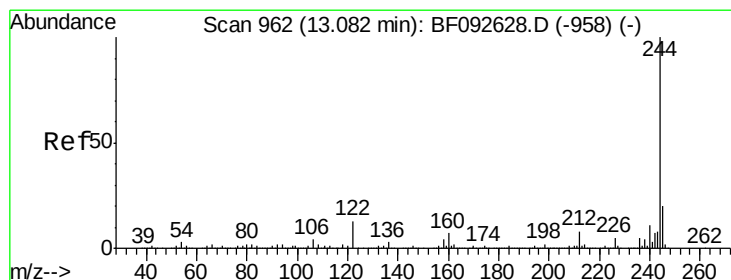
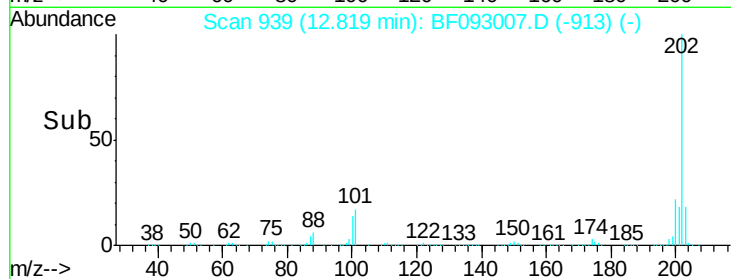
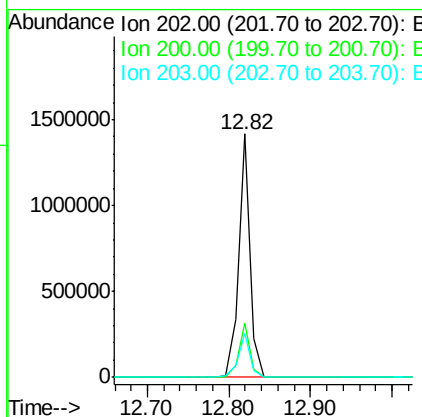
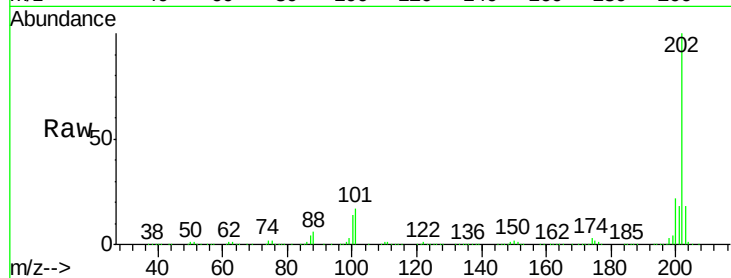
#77
 Pyrene
 Concen: 33.39 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.1	14.7	22.1

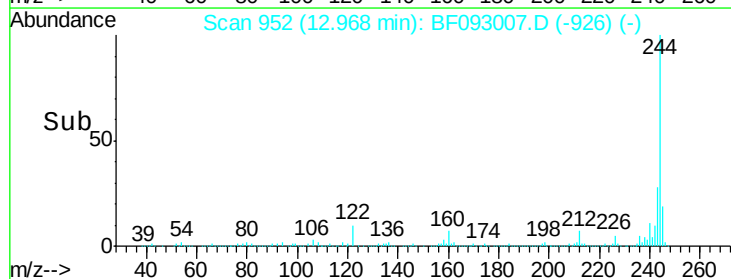
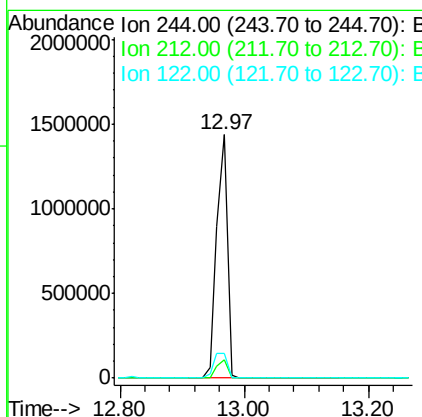
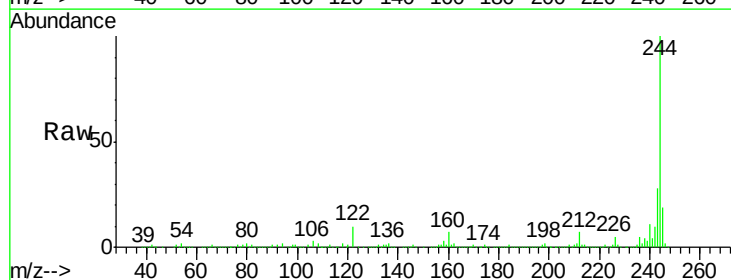
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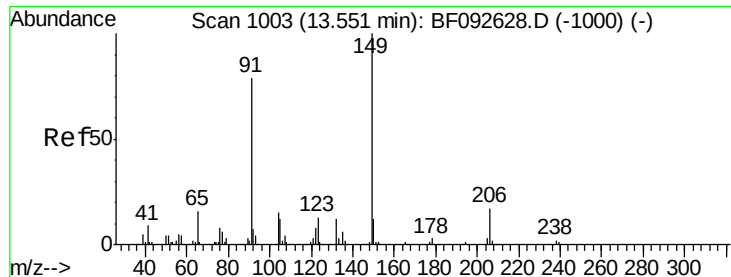
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#78
 Terphenyl-d14
 Concen: 71.41 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	10.2	11.4	17.2





#79

Butylbenzylphthalate

Concen: 41.40 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

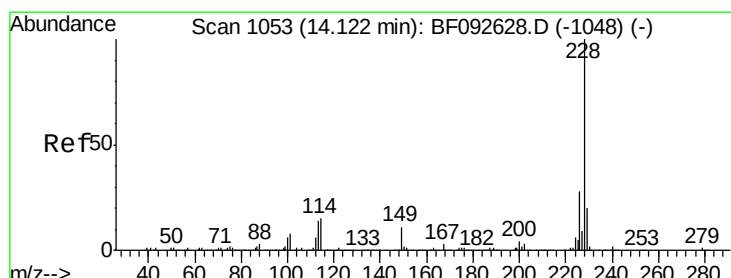
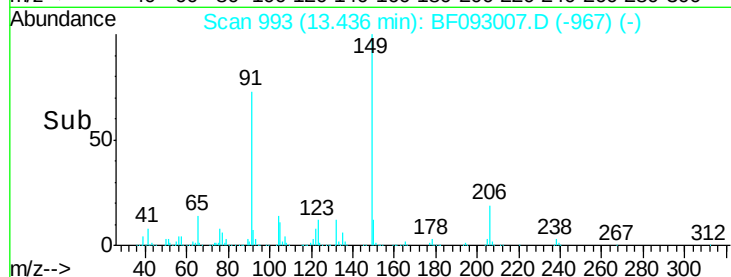
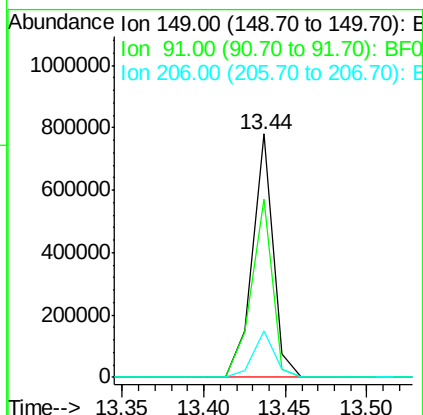
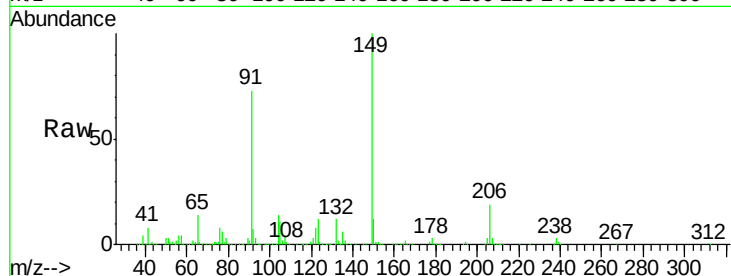
ClientSampled :

PB97012BS

Tgt Ion:	149	Resp:	691967
Ion Ratio	Lower	Upper	
149	100		
91	73.0	63.9	95.9
206	19.1	14.6	21.8

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#80

Benzo(a)anthracene

Concen: 35.40 ng

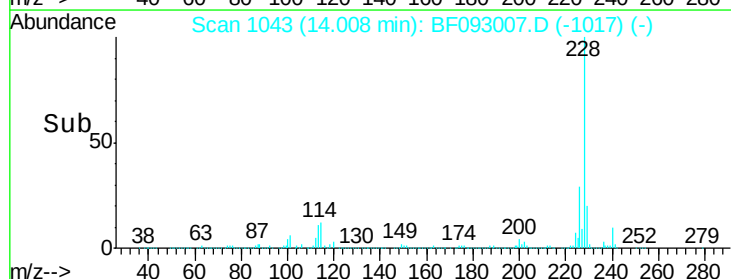
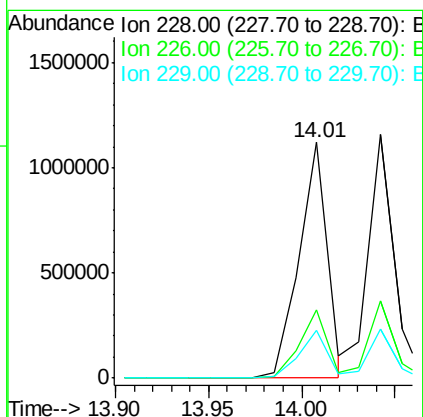
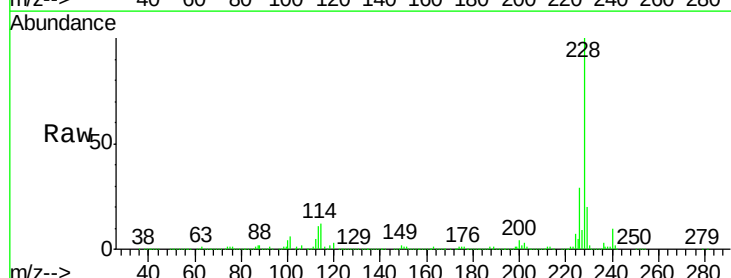
RT: 14.01 min Scan# 1043

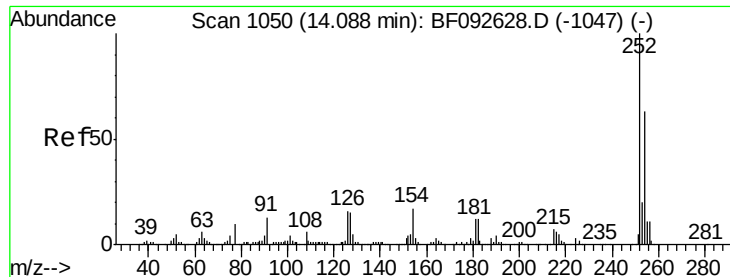
Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:	228	Resp:	1190697
Ion Ratio	Lower	Upper	
228	100		
226	28.9	22.4	33.6
229	20.2	16.2	24.4





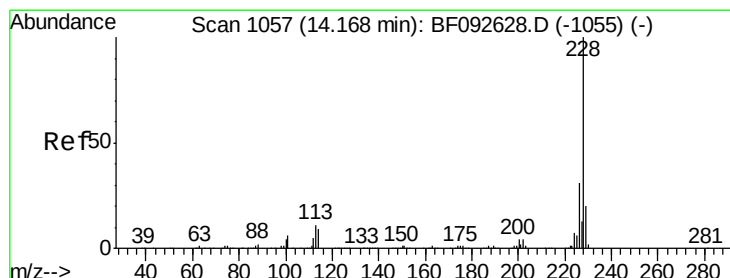
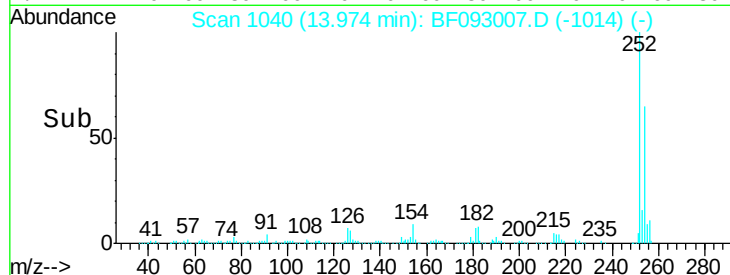
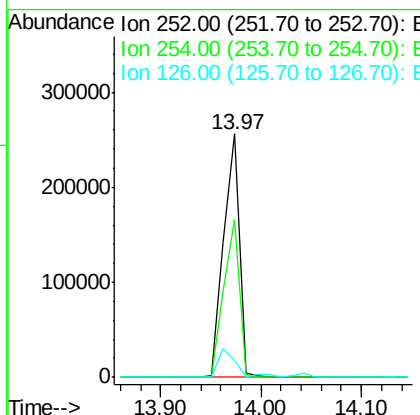
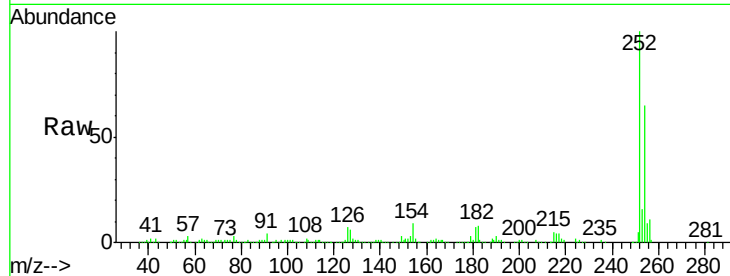
#81
 3,3'-Dichlorobenzidine
 Concen: 23.34 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	7.1	13.6	20.4

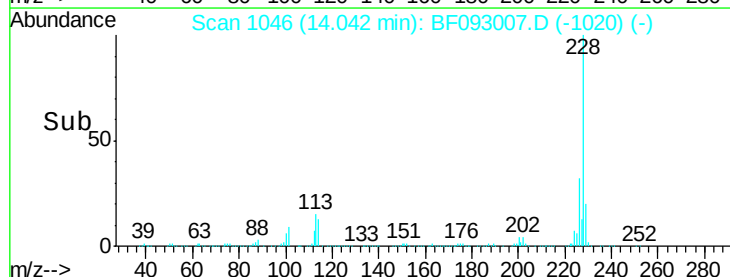
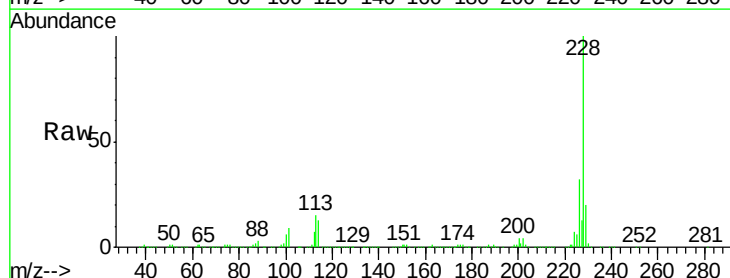
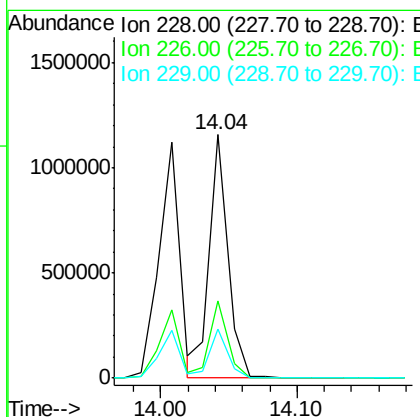
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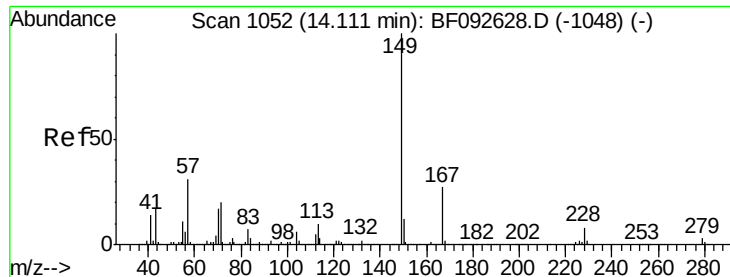
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#82
 Chrysene
 Concen: 34.48 ng m
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.4	38.0
229	20.4	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.27 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

Tgt Ion:149 Resp: 966270
Ion Ratio Lower Upper

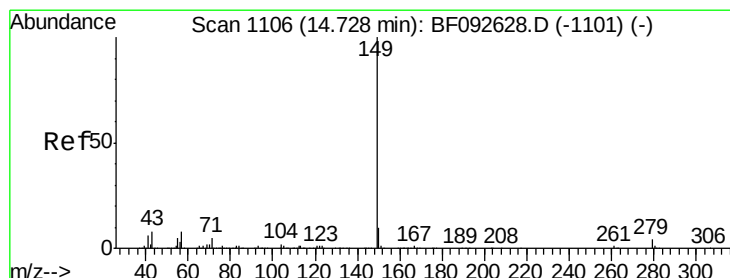
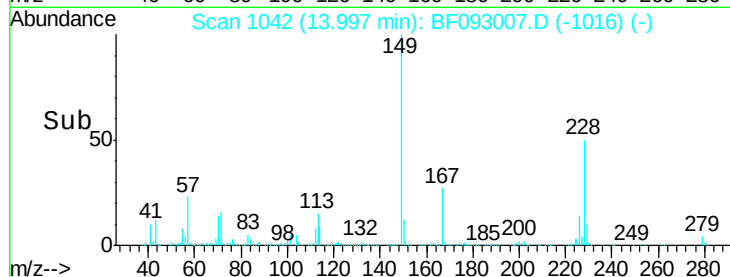
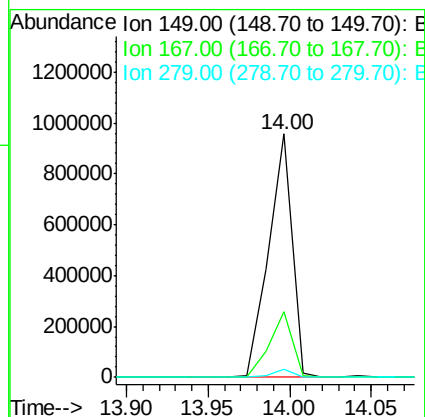
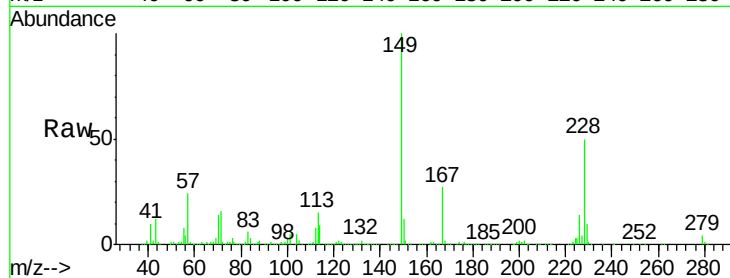
149 100

167 27.2 20.2 30.4

279 3.5 1.8 2.8#

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#84

Di-n-octyl phthalate

Concen: 42.97 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BF093007.D

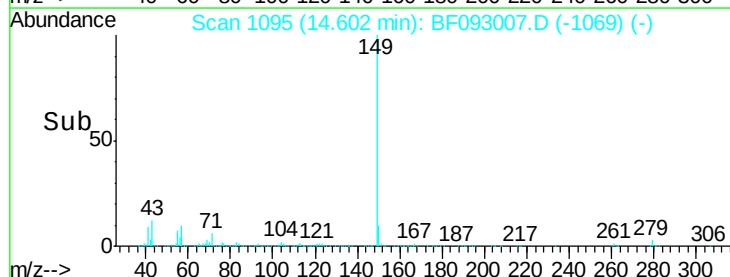
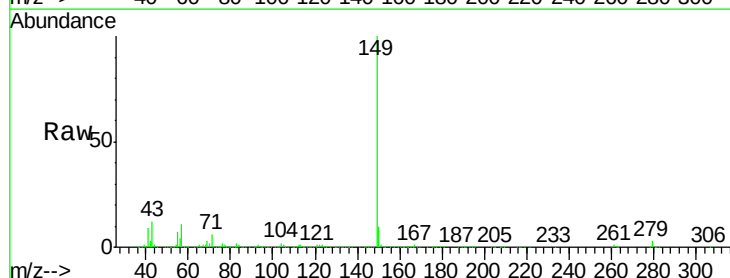
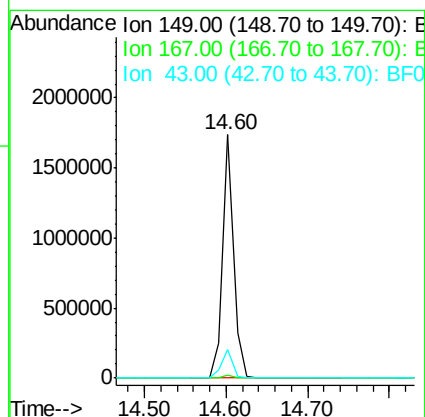
Acq: 17 Feb 2017 13:46

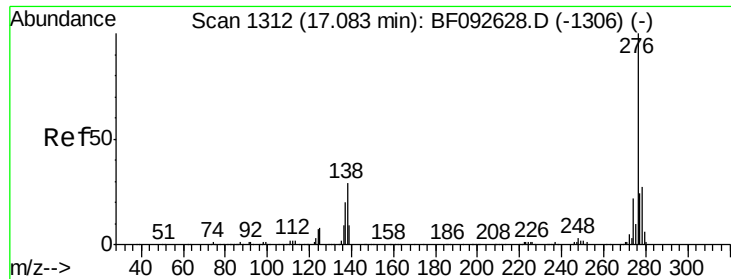
Tgt Ion:149 Resp: 1599341
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.7 8.9 13.3





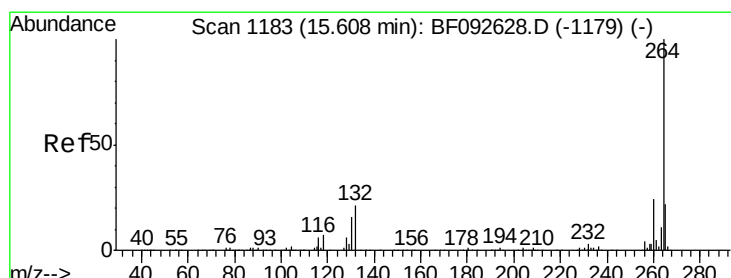
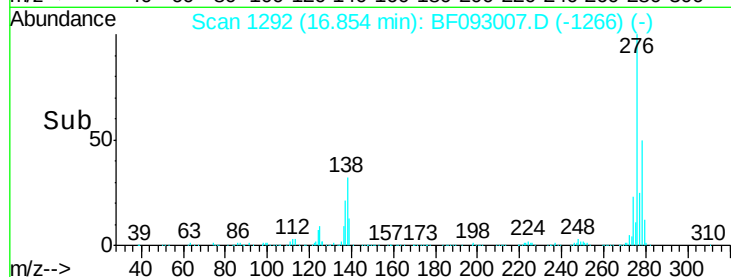
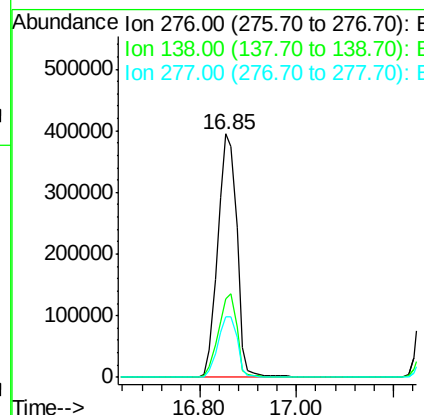
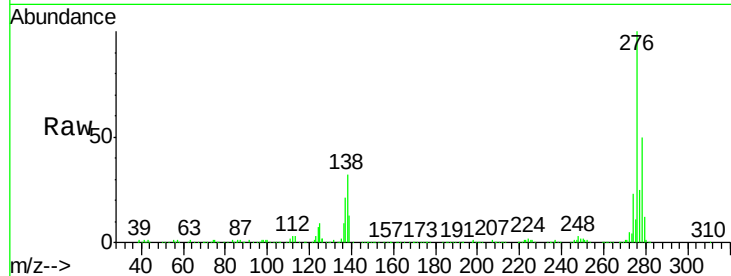
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.14 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampled :
PB97012BS

Tgt Ion: 276 Resp: 1101161
Ion Ratio Lower Upper
276 100
138 33.3 21.8 32.6#
277 25.4 20.2 30.4

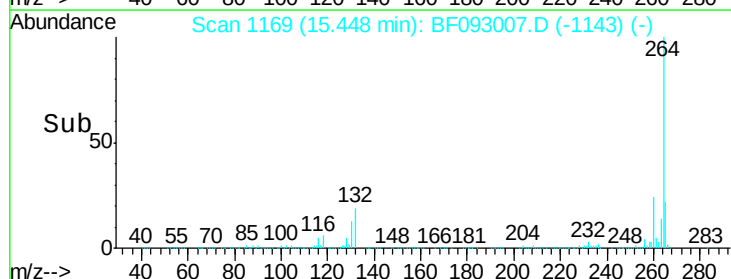
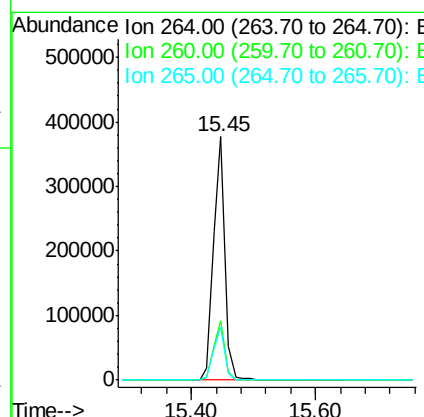
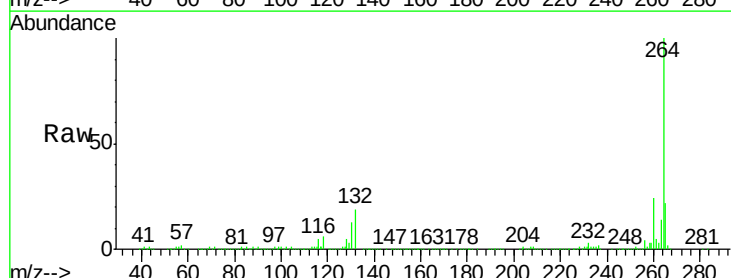
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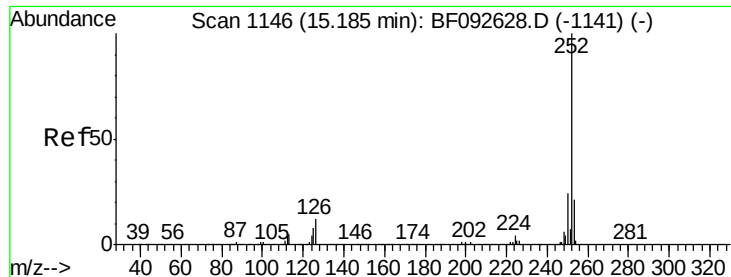
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion: 264 Resp: 477150
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 38.47 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

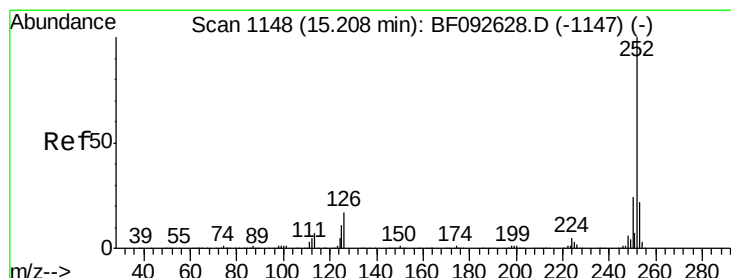
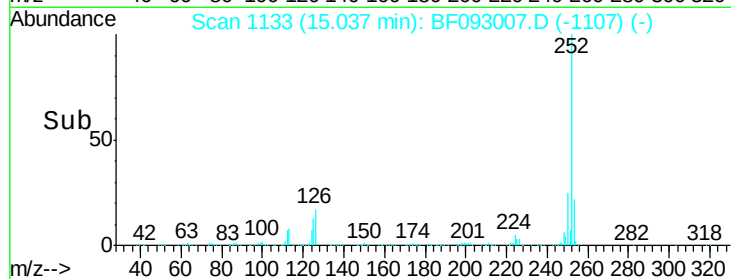
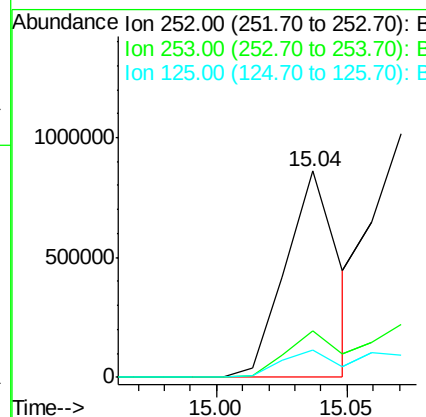
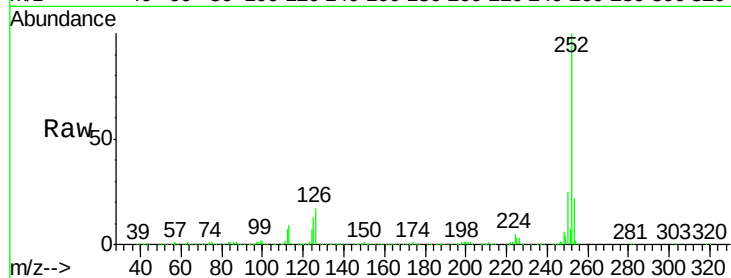
ClientSampleId :

PB97012BS

Tgt Ion:	252	Resp:	1208182
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.4
125	13.1	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 43.95 ng m

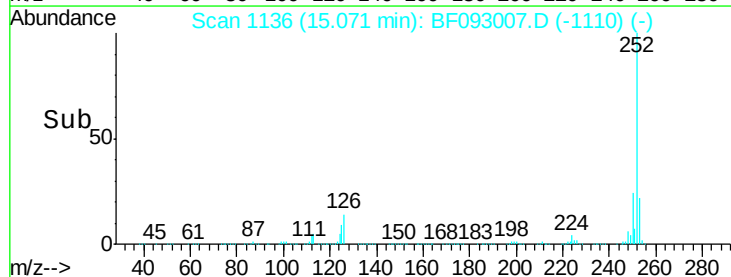
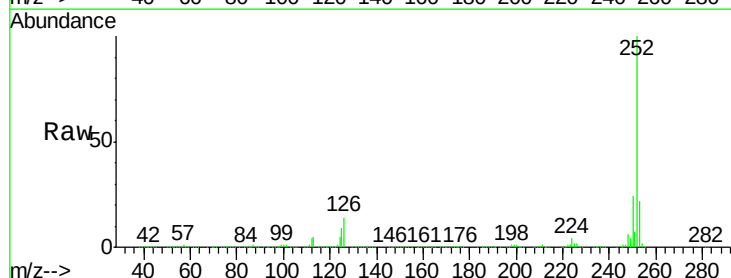
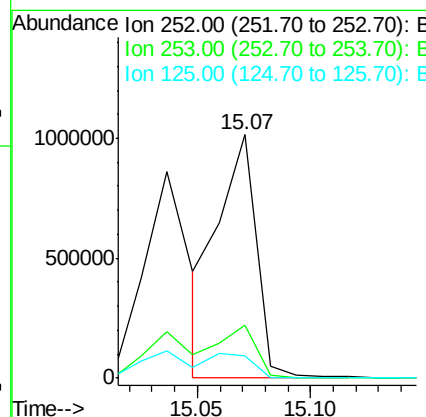
RT: 15.07 min Scan# 1136

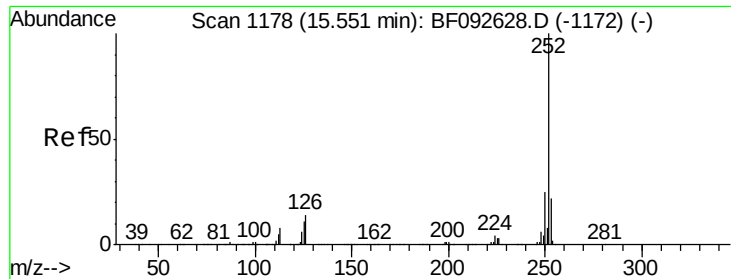
Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:	252	Resp:	1191723
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.5	27.7
125	9.2	8.9	13.3





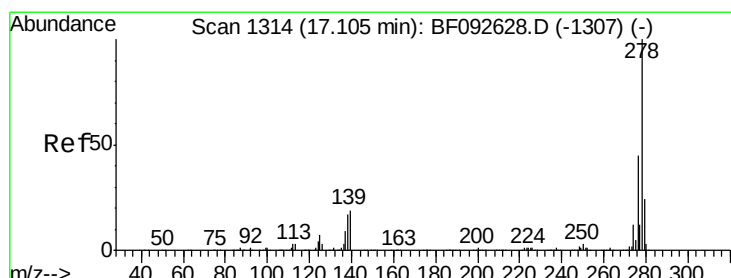
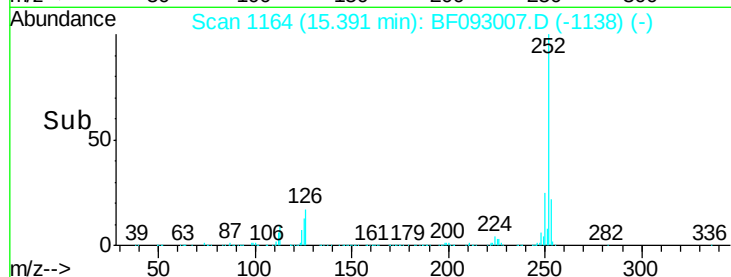
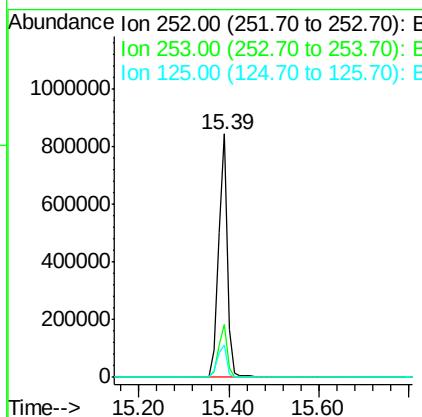
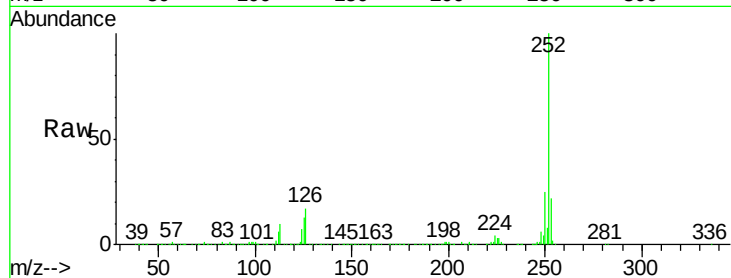
#89
Benzo(a)pyrene
Concen: 41.72 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion: 252 Resp: 1133357
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 13.2 10.0 15.0

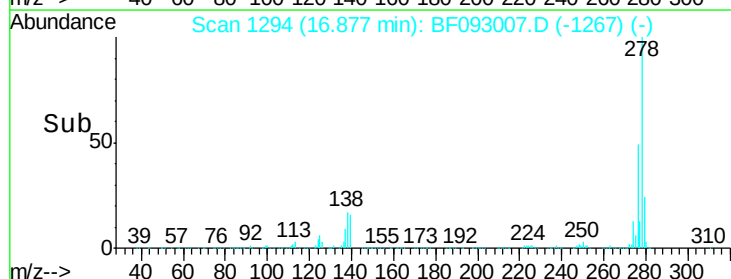
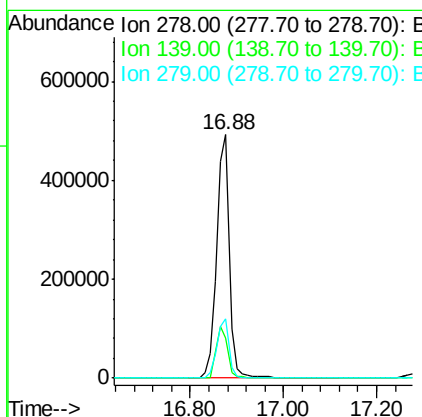
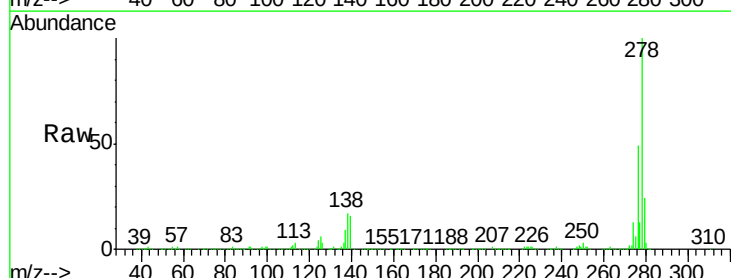
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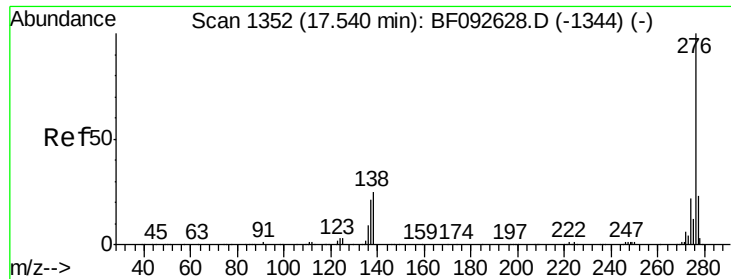
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#90
Dibenzo(a,h)anthracene
Concen: 42.17 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion: 278 Resp: 925991
Ion Ratio Lower Upper
278 100
139 16.5 14.8 22.2
279 24.2 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 41.11 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	19.2	28.8
138	25.6	16.0	24.0

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