

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091307.D
 Acq On : 24 Nov 2016 10:50
 Operator : UM/SJ
 Sample : PB94898BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Manual Integrations
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 11/28/2016 5:18:44 PM

Quant Time: Nov 25 04:51:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 04:24:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	379722	40.00	ng	0.01
21) Naphthalene-d8	8.17	136	1415986	40.00	ng	0.00
38) Acenaphthene-d10	9.93	164	789491	40.00	ng	0.00
63) Phenanthrene-d10	11.40	188	1057162	40.00	ng	0.00
75) Chrysene-d12	14.04	240	810078	40.00	ng	0.00
86) Perylene-d12	15.48	264	664725	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1342744	113.63	ng	0.02
7) Phenol-d6	6.52	99	1911660	125.91	ng	0.01
23) Nitrobenzene-d5	7.45	82	1134984	92.29	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	435194	109.32	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2154823	89.38	ng	0.00
78) Terphenyl-d14	12.99	244	1475931	83.22	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	196617	35.27	ng	87
3) Pyridine	3.32	79	587613	39.22	ng	90
4) n-Nitrosodimethylamine	3.28	42	355644	43.36	ng	92
6) Aniline	6.54	93	238199	12.27	ng	# 70
8) 2-Chlorophenol	6.67	128	587526	45.64	ng	94
9) Benzaldehyde	6.42	77	33697	2.45	ng	95
10) Phenol	6.53	94	707013	41.74	ng	87
11) bis(2-Chloroethyl)ether	6.62	93	570803	45.84	ng	89
12) 1,3-Dichlorobenzene	6.82	146	571029m	40.69	ng	
13) 1,4-Dichlorobenzene	6.90	146	592710	41.26	ng	97
14) 1,2-Dichlorobenzene	7.06	146	560698m	41.14	ng	
15) Benzyl Alcohol	7.02	79	494177	41.92	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1061124	38.87	ng	71
17) 2-Methylphenol	7.14	107	465393	45.70	ng	# 77
18) Hexachloroethane	7.40	117	198395	38.79	ng	92
19) n-Nitroso-di-n-propylamine	7.30	70	393014	41.27	ng	96
20) 3+4-Methylphenols	7.29	107	535469	42.83	ng	# 66
22) Acetophenone	7.30	105	767041	48.01	ng	95
24) Nitrobenzene	7.47	77	617643	47.47	ng	# 74
25) Isophorone	7.71	82	1115785	48.57	ng	97
26) 2-Nitrophenol	7.78	139	258067	49.45	ng	99
27) 2,4-Dimethylphenol	7.82	122	570887	52.12	ng	95
28) bis(2-Chloroethoxy)methane	7.92	93	666773	48.75	ng	100
29) 2,4-Dichlorophenol	8.03	162	461202	47.65	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	515767	46.26	ng	98
31) Naphthalene	8.19	128	1535223	45.08	ng	100
32) Benzoic acid	7.95	122	337722	39.15	ng	84
33) 4-Chloroaniline	8.24	127	110132	7.43	ng	98
34) Hexachlorobutadiene	8.32	225	310232	47.06	ng	99
35) Caprolactam	8.61	113	148469	49.76	ng	# 82
36) 4-Chloro-3-methylphenol	8.73	107	501536	48.21	ng	# 85
37) 2-Methylnaphthalene	8.89	142	1057091	45.22	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	474158	44.32	ng	99
40) Hexachlorocyclopentadiene	9.04	237	213962	44.68	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	353544	47.92	nq	98
43) 2,4,5-Trichlorophenol	9.21	196	308189	43.48	nq	98
45) 1,1'-Biphenyl	9.34	154	1154885	40.58	nq	98
46) 2-Chloronaphthalene	9.37	162	875550	42.00	nq	98
47) 2-Nitroaniline	9.46	65	293058	41.43	nq	# 75
48) Acenaphthylene	9.79	152	1452651	43.48	nq	99
49) Dimethylphthalate	9.65	163	1176764	47.74	nq	98
50) 2,6-Dinitrotoluene	9.71	165	265432	49.30	nq	# 70
51) Acenaphthene	9.96	154	980051	43.10	nq	96
52) 3-Nitroaniline	9.87	138	105852	18.29	nq	99
53) 2,4-Dinitrophenol	9.97	184	86666	51.00	nq	# 82
54) Dibenzofuran	10.13	168	1360046	42.52	nq	93
55) 4-Nitrophenol	10.03	139	306855	73.50	nq	99
56) 2,4-Dinitrotoluene	10.11	165	333205	48.91	nq	89
57) Fluorene	10.48	166	966930	39.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	264495	42.44	nq	95
59) Diethylphthalate	10.35	149	1093166	44.08	nq	96
60) 4-Chlorophenyl-phenylether	10.46	204	458868	40.70	nq	# 89
61) 4-Nitroaniline	10.49	138	188927	34.98	nq	93
62) Azobenzene	10.62	77	1141067	45.36	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	71284	29.74	nq	# 79
65) n-Nitrosodiphenylamine	10.58	169	827704	51.58	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	315617	54.63	nq	# 83
67) Hexachlorobenzene	11.03	284	293996	46.42	nq	# 89
68) Atrazine	11.12	200	276757	55.64	nq	91
69) Pentachlorophenol	11.21	266	300819	80.28	nq	96
70) Phenanthrene	11.44	178	1284704	46.85	nq	99
71) Anthracene	11.48	178	1276708	45.54	nq	100
72) Carbazole	11.63	167	1049088	42.04	nq	98
73) Di-n-butylphthalate	11.97	149	1488529	51.51	nq	100
74) Fluoranthene	12.61	202	1157458	41.50	nq	98
76) Benzidine	12.74	184	526291	67.04	nq	97
77) Pyrene	12.84	202	1207462	40.35	nq	99
79) Butylbenzylphthalate	13.47	149	571293	47.70	nq	87
80) Benzo(a)anthracene	14.03	228	1066235	46.38	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	363634	47.97	nq	# 97
82) Chrysene	14.07	228	893849	41.14	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	710345	47.64	nq	# 95
84) Di-n-octyl phthalate	14.64	149	1235914	52.66	nq	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	797561	42.63	nq	96
87) Benzo(b)fluoranthene	15.06	252	1096371m	52.29	nq	
88) Benzo(k)fluoranthene	15.09	252	701874m	40.99	nq	
89) Benzo(a)pyrene	15.41	252	840174	47.10	nq	97
90) Dibenzo(a,h)anthracene	16.91	278	674488	40.96	nq	97
91) Benzo(g,h,i)perylene	17.32	276	645622	39.53	nq	99

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

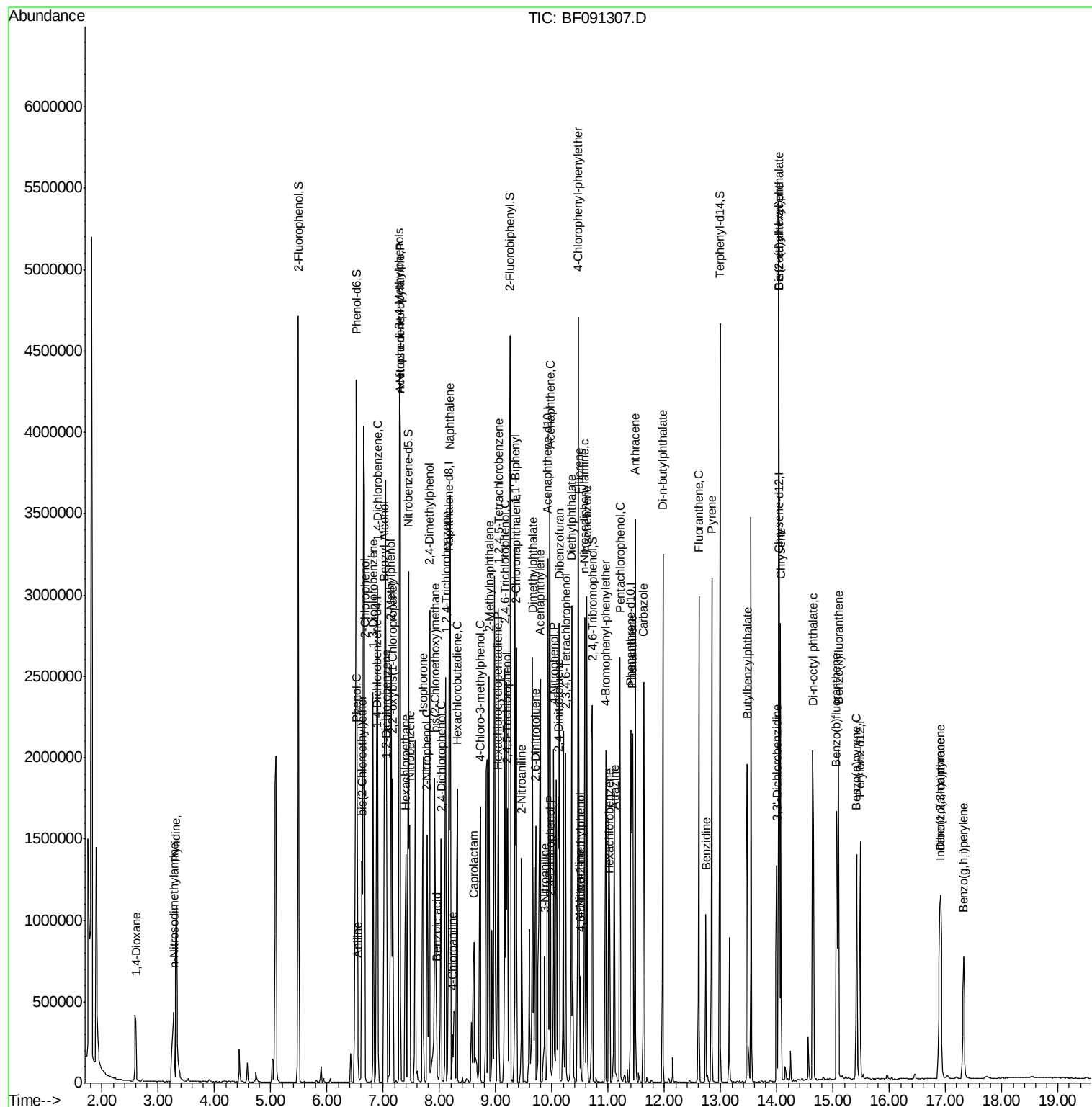
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
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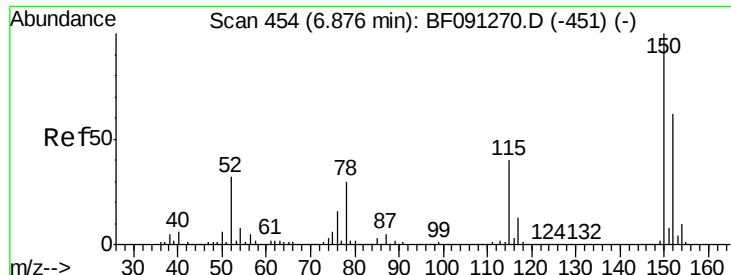
Instrument :
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#1

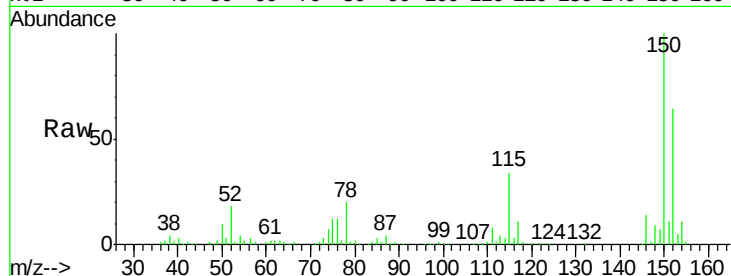
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.89 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

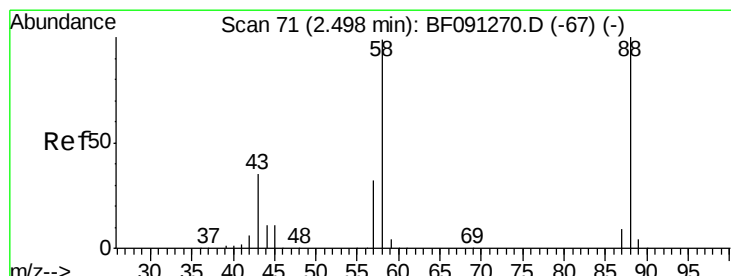
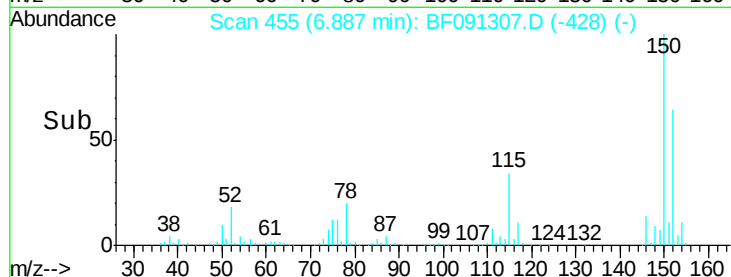
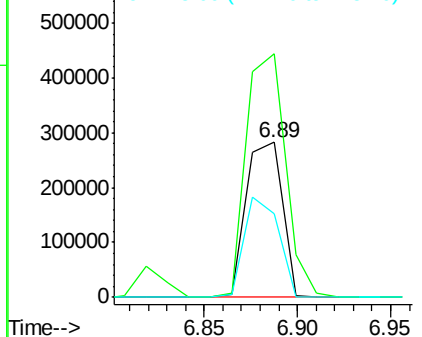
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.5	183.7
115	54.1	51.8	77.8

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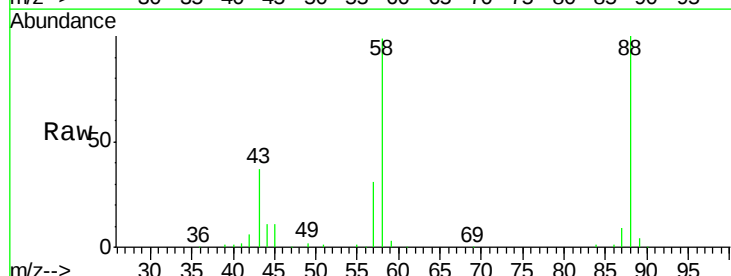
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



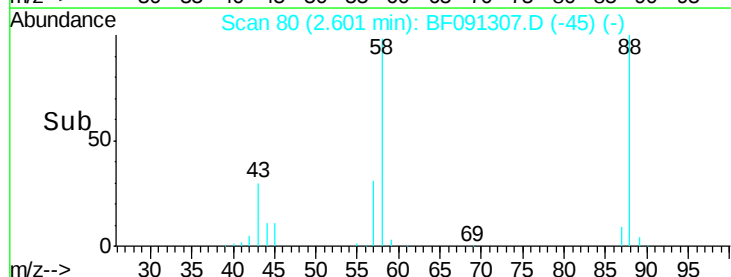
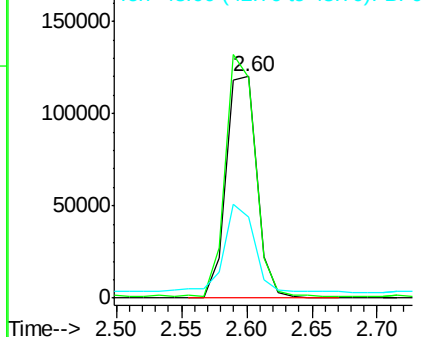
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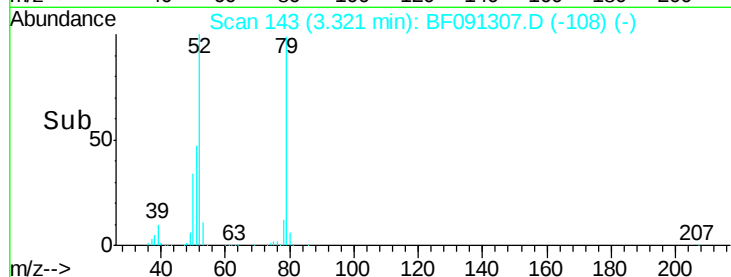
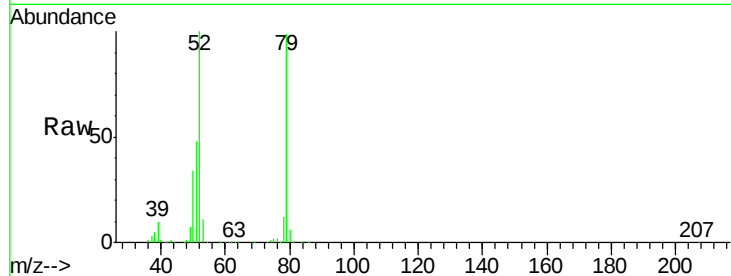
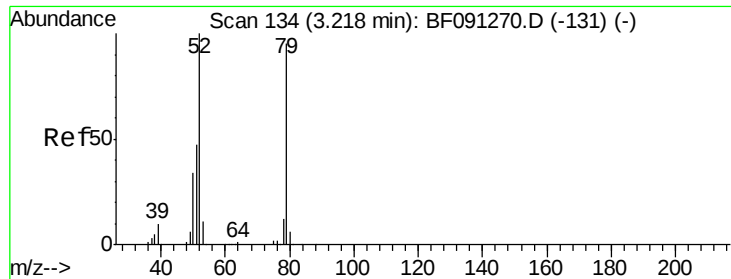
1,4-Dioxane
Concen: 35.27 ng
RT: 2.60 min Scan# 80
Delta R.T. 0.10 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.9	70.3	105.5
43	39.7	31.3	46.9



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





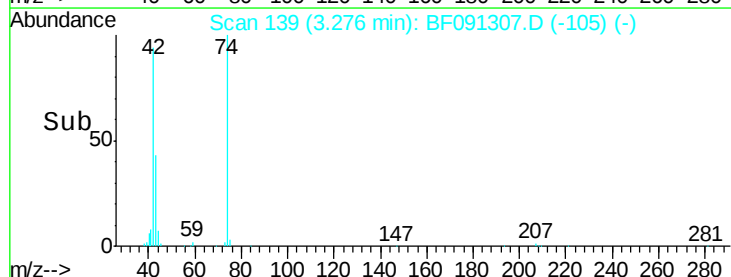
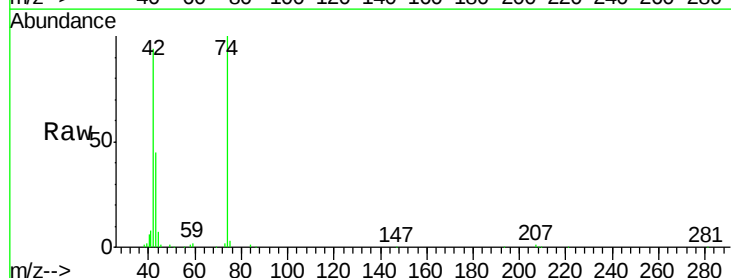
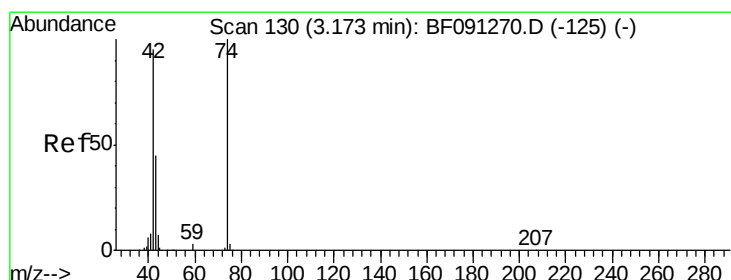
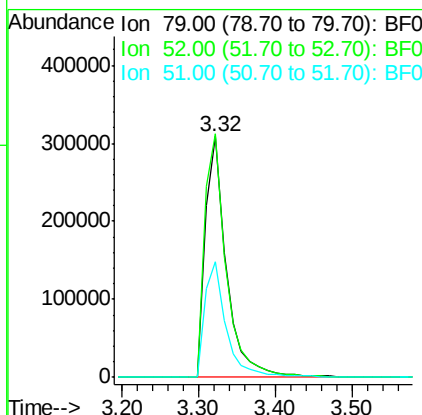
#3
 Pvridine
 Concen: 39.22 ng
 RT: 3.32 min Scan# 143
 Delta R.T. 0.10 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	587613		
52	52	101.1		71.0	106.4
51	51	48.1		37.0	55.4

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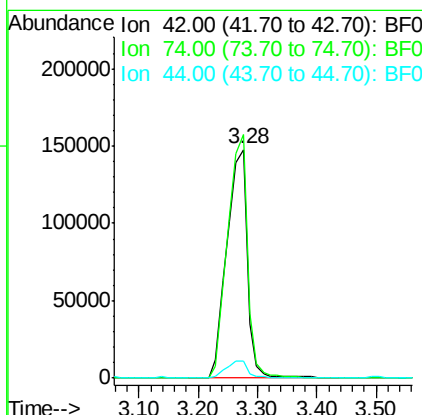
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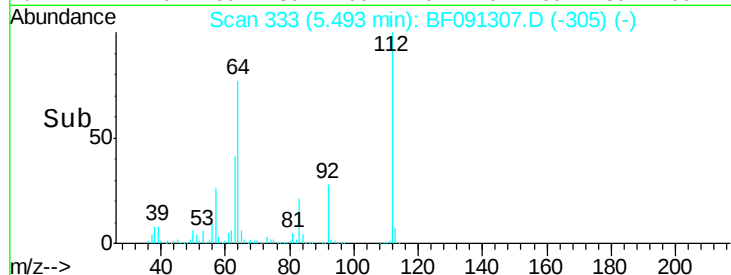
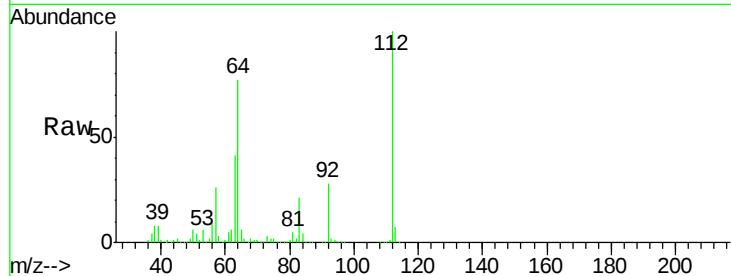
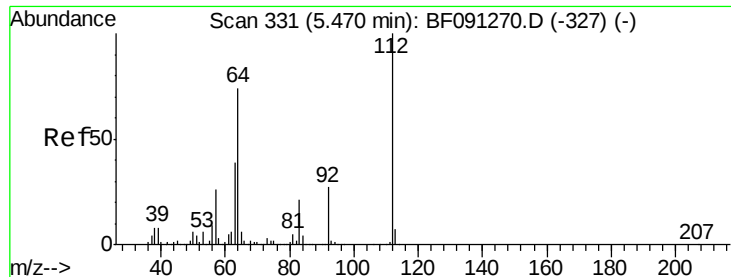
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#4
 n-Nitrosodimethylamine
 Concen: 43.36 ng
 RT: 3.28 min Scan# 139
 Delta R.T. 0.09 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	355644		
74	74	106.6		78.9	118.3
44	44	7.7		5.8	8.6





#5

2-Fluorophenol

Concen: 113.63 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tot Ion:	112	Resp:	1342744
Ion Ratio	Lower	Upper	
112	100		
64	77.4	61.5	92.3
63	41.3	33.3	49.9

Instrument :

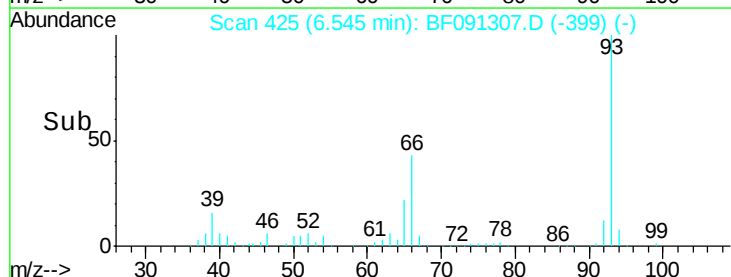
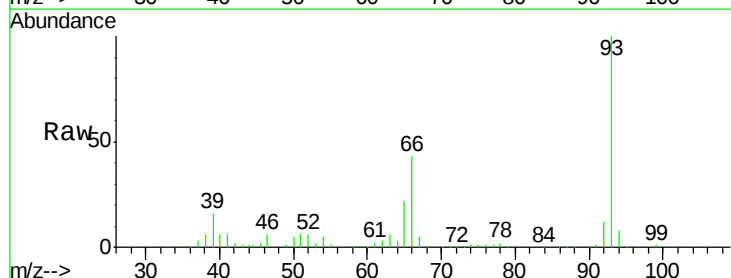
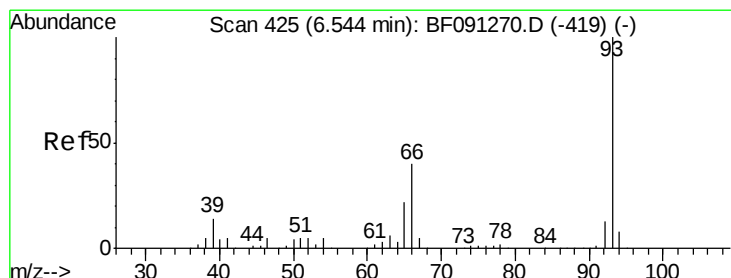
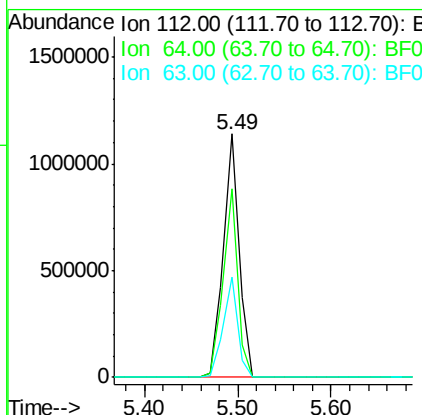
BNA_F

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#6

Aniline

Concen: 12.27 ng

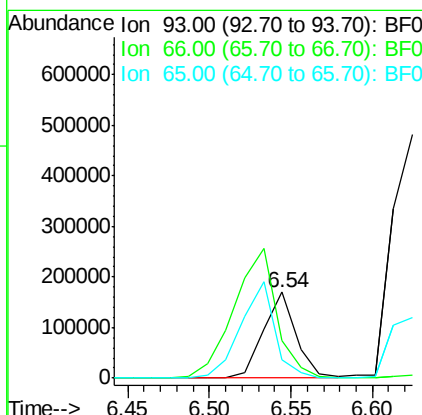
RT: 6.54 min Scan# 425

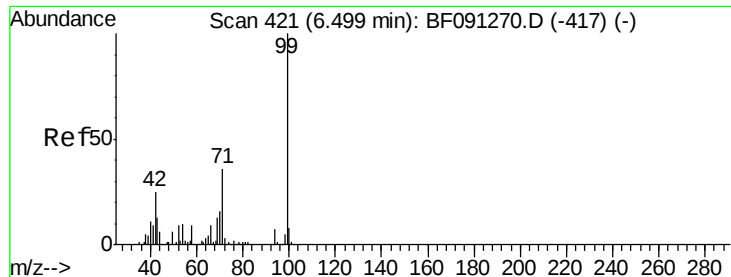
Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:	93	Resp:	238199
Ion Ratio	Lower	Upper	
93	100		
66	43.1	55.8	83.6#
65	21.8	29.9	44.9#





#7

Phenol-d6

Concen: 125.91 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion: 99 Resp: 1911660

Ion Ratio Lower Upper

99 100

42 20.0 20.6 31.0#

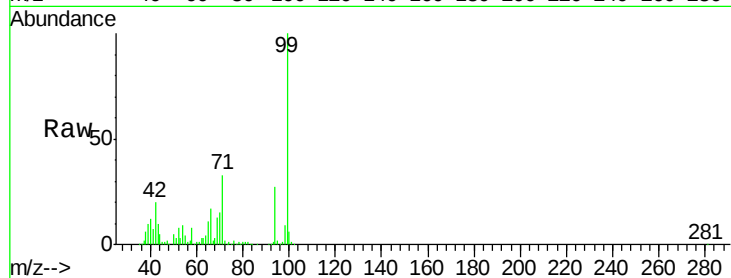
71 33.1 29.9 44.9

Manual Integrations

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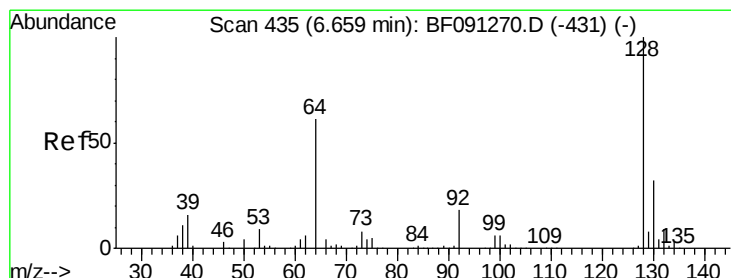
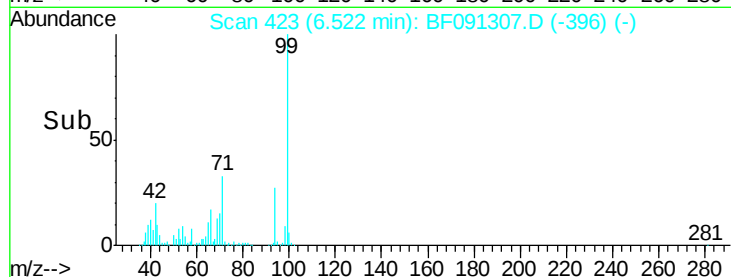
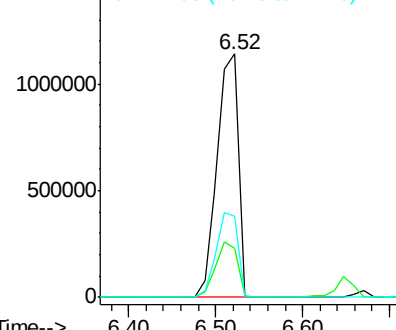
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.64 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

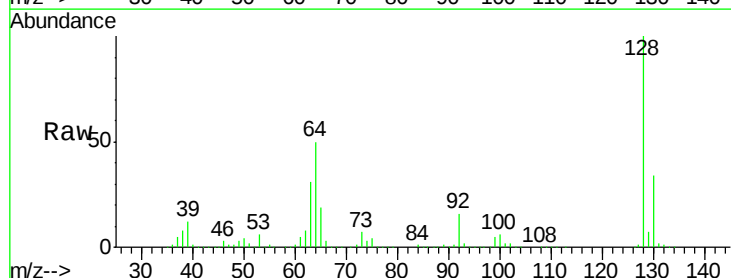
Tgt Ion:128 Resp: 587526

Ion Ratio Lower Upper

128 100

130 33.7 13.1 53.1

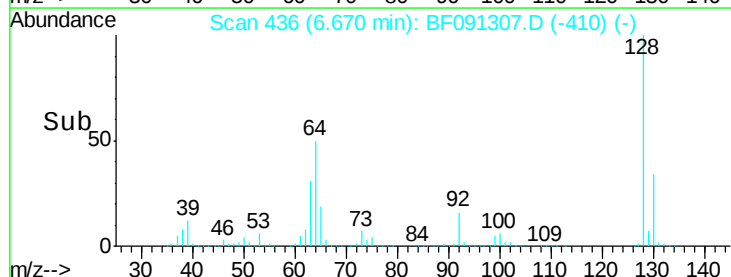
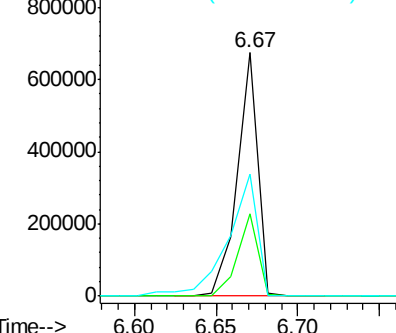
64 50.0 24.1 64.1

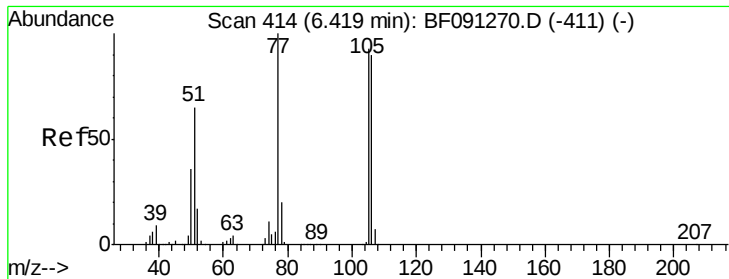


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.45 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.00 min

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Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

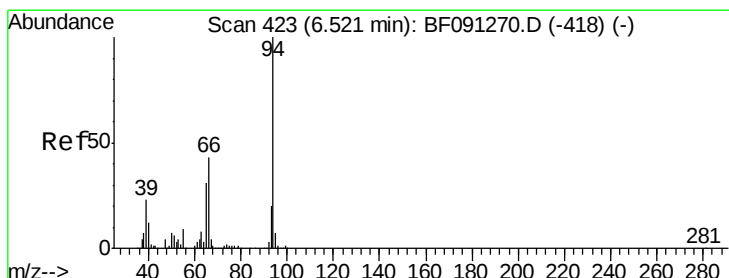
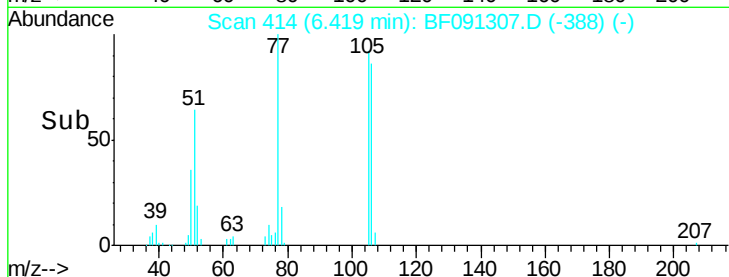
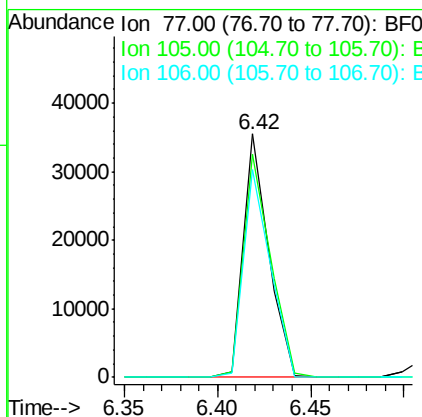
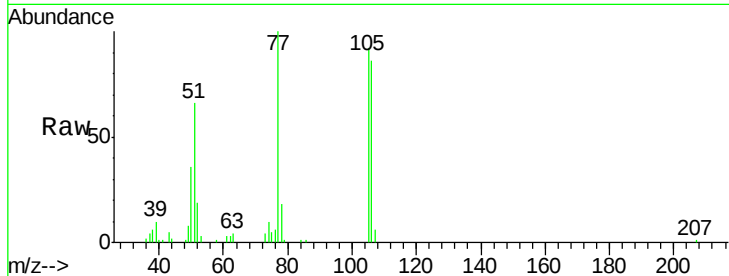
ClientSampleId :

PB94898BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.5	66.4	106.4
106	85.6	60.9	100.9

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#10

Phenol

Concen: 41.74 ng

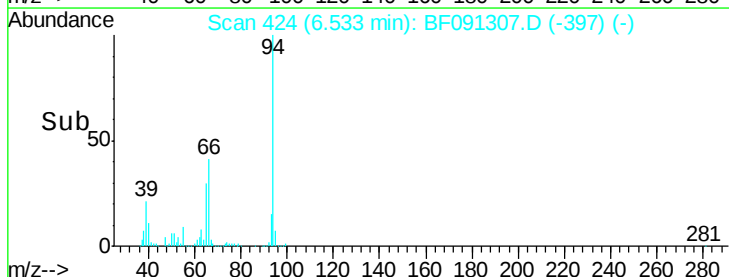
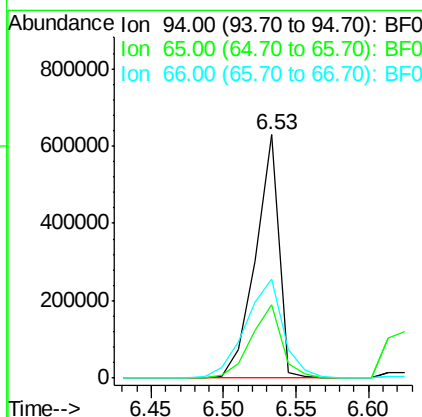
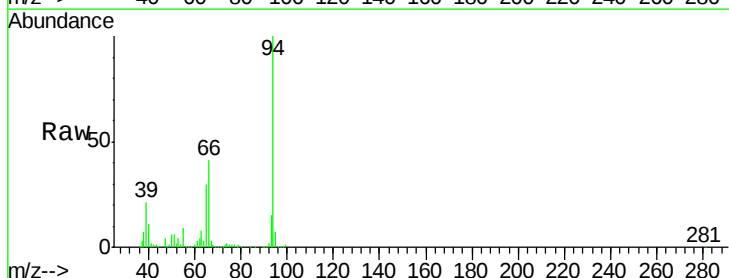
RT: 6.53 min Scan# 424

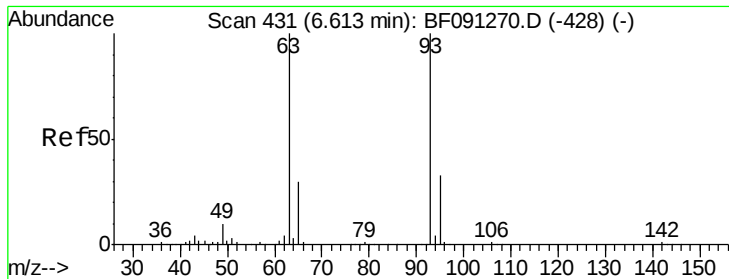
Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	16.9	56.9
66	40.7	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 45.84 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

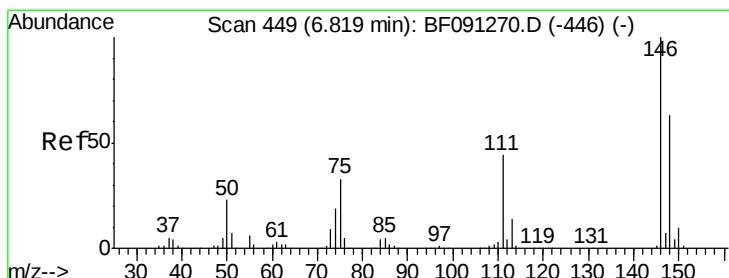
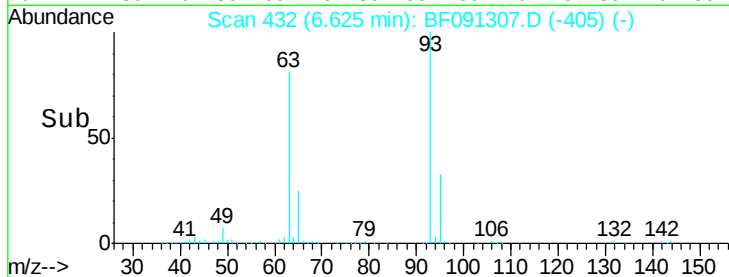
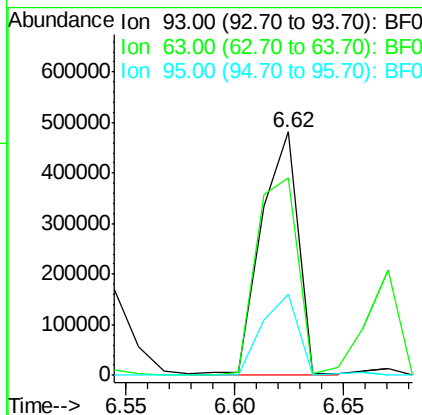
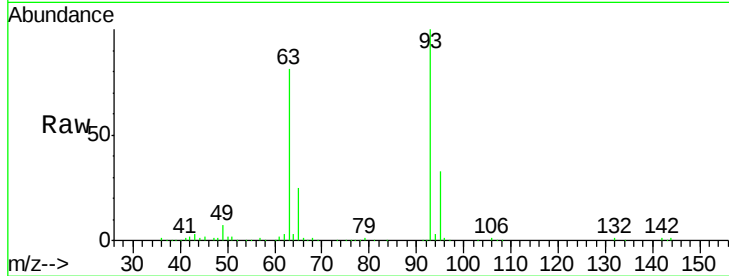
ClientSampleId :

PB94898BSD

Tot Ion:	93	Resp:	570803
Ion Ratio	Lower	Upper	
93	100		
63	81.2	74.8	114.8
95	33.2	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 40.69 ng m

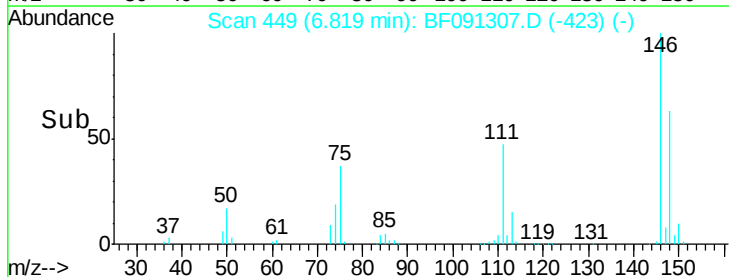
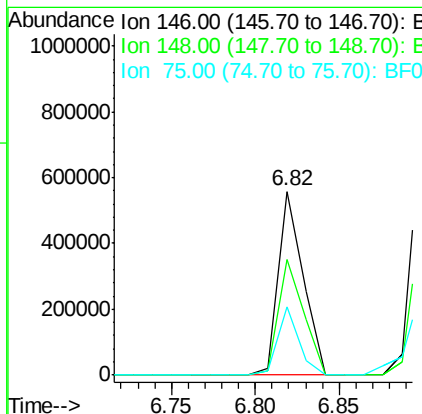
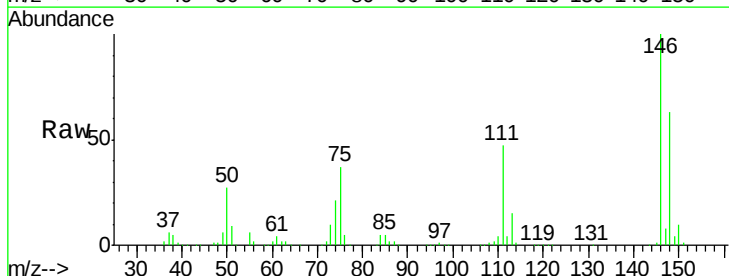
RT: 6.82 min Scan# 449

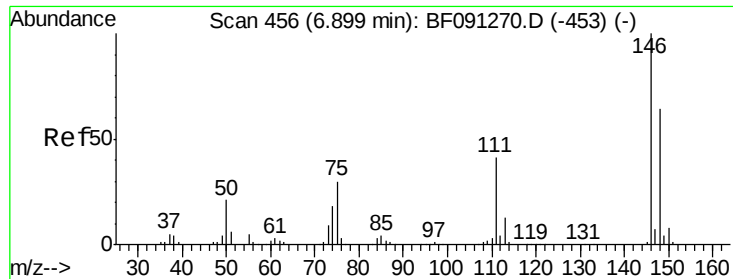
Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:	146	Resp:	571029
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.4	77.0
75	37.3	23.6	35.4#





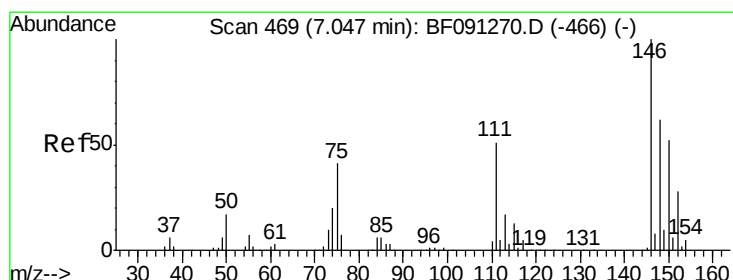
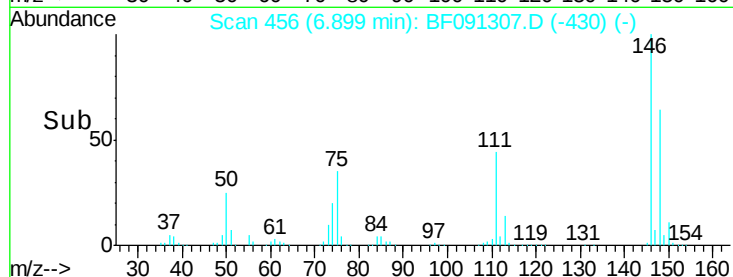
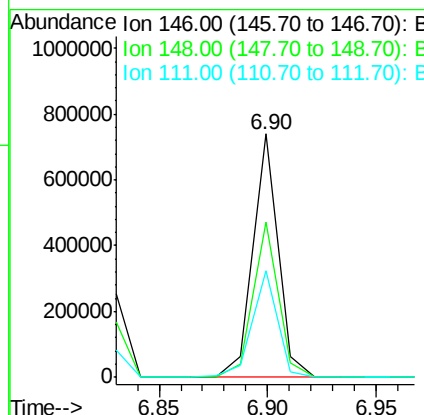
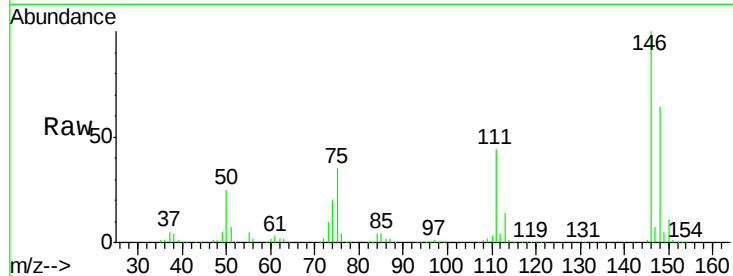
#13
1,4-Dichlorobenzene
Concen: 41.26 ng
RT: 6.90 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
111	43.6	32.2	48.2

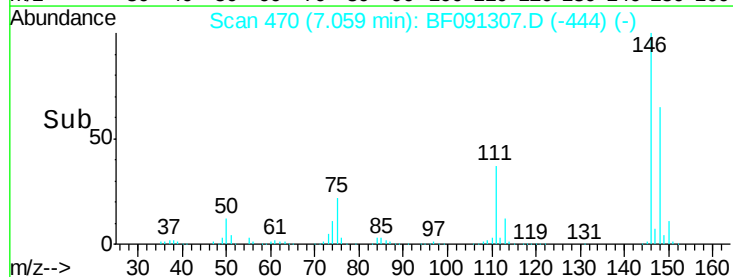
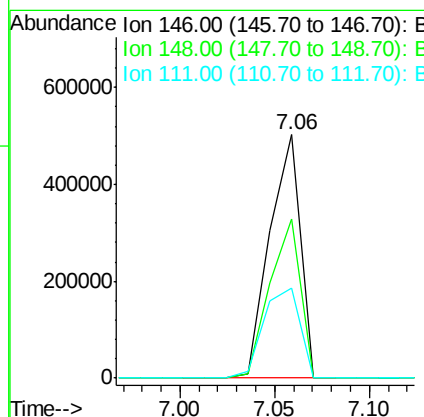
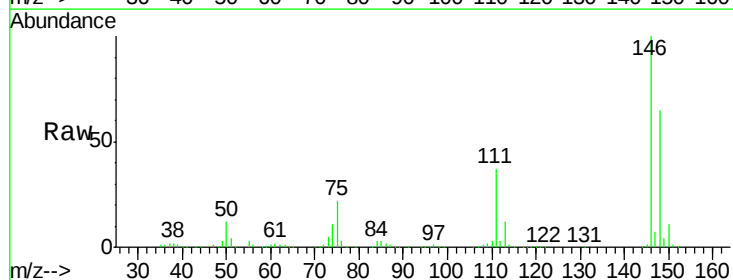
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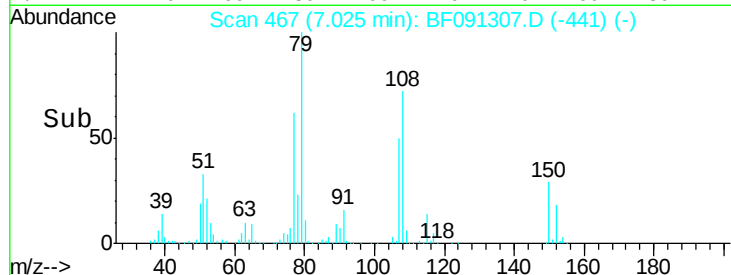
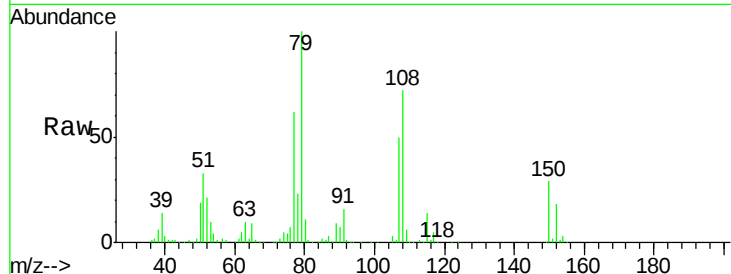
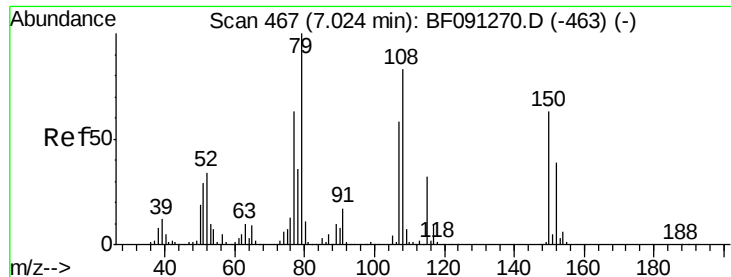
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#14
1,2-Dichlorobenzene
Concen: 41.14 ng m
RT: 7.06 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	37.2	38.9	58.3#





#15

Benzyl Alcohol

Concen: 41.92 ng

RT: 7.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tot Ion:	79	Resp:	494177
Ion Ratio	Lower	Upper	
79	100		
108	72.2	62.7	94.1
77	62.3	51.7	77.5

Instrument :

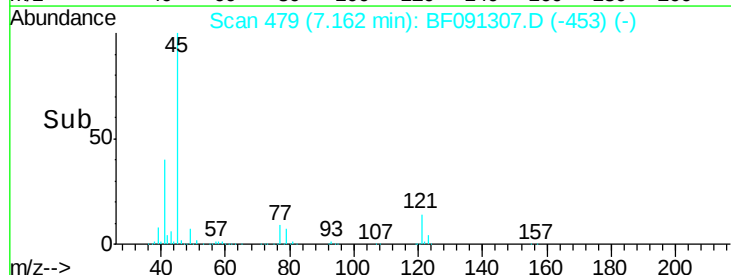
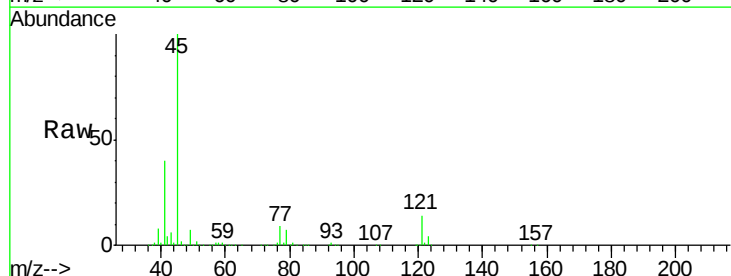
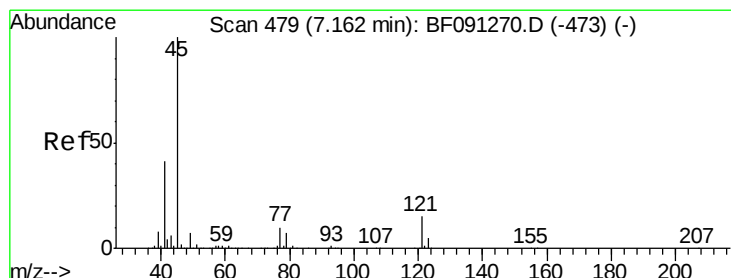
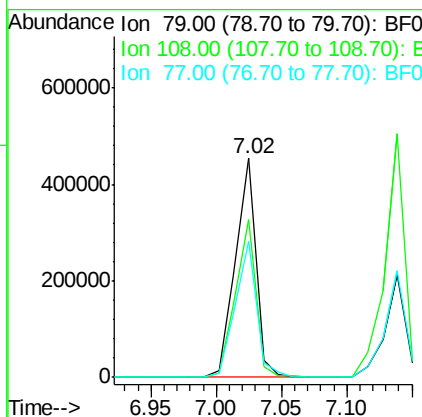
BNA_F

ClientSampleId :

PB94898BSD

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.87 ng

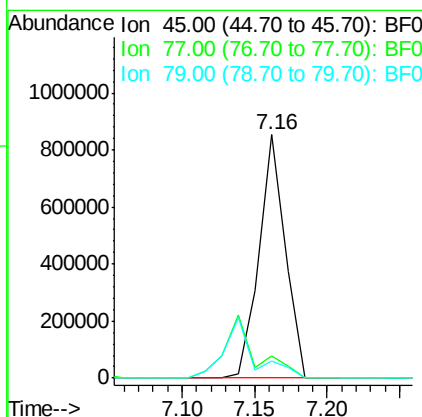
RT: 7.16 min Scan# 479

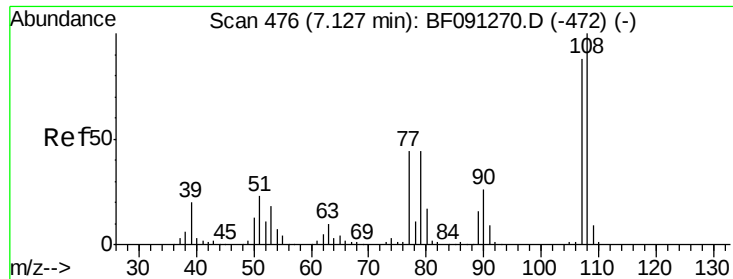
Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:	45	Resp:	1061124
Ion Ratio	Lower	Upper	
45	100		
77	9.2	3.8	43.8
79	7.1	0.2	40.2





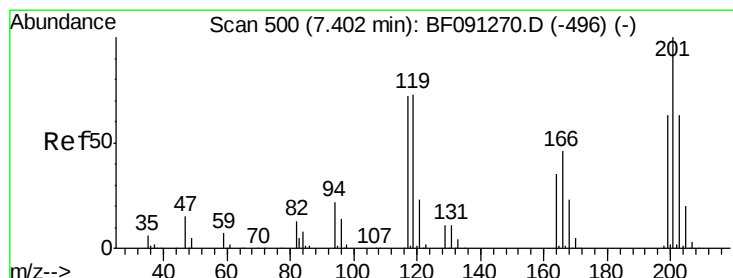
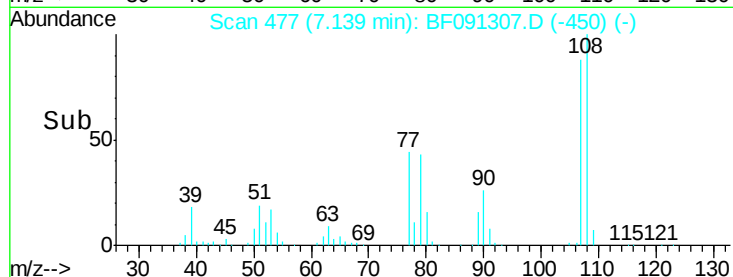
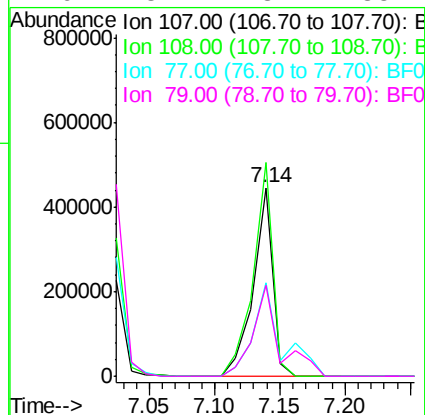
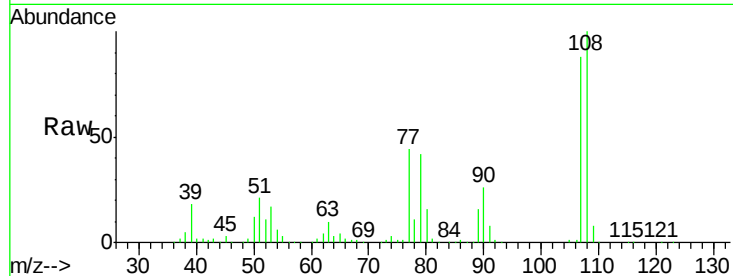
#17
2-Methylphenol
Concen: 45.70 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	67.7	101.5#	
77	49.5	40.7	61.1	
79	48.1	23.4	35.2#	

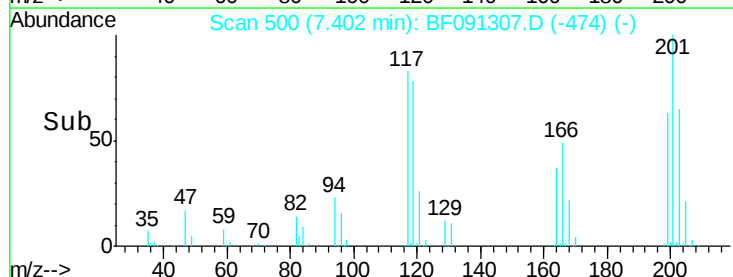
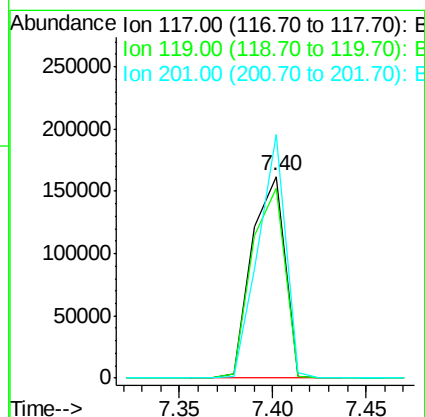
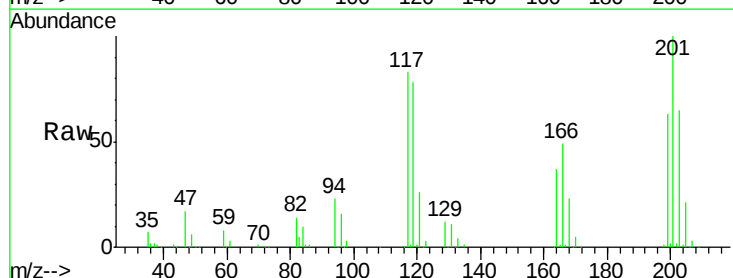
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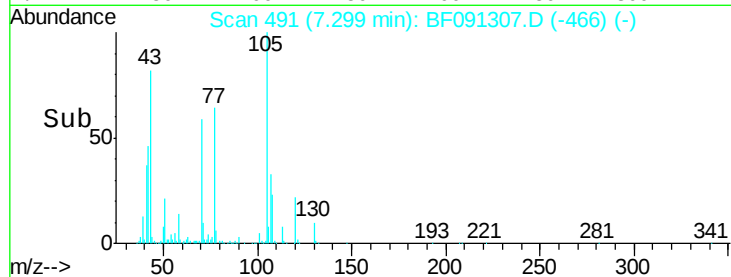
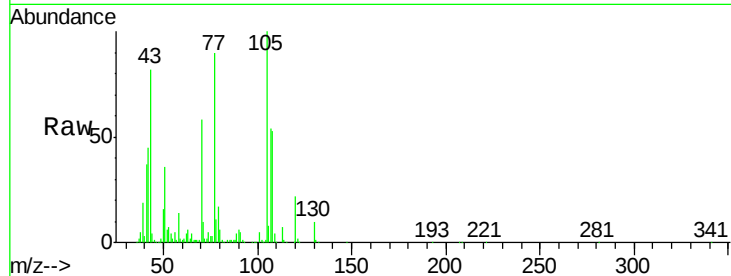
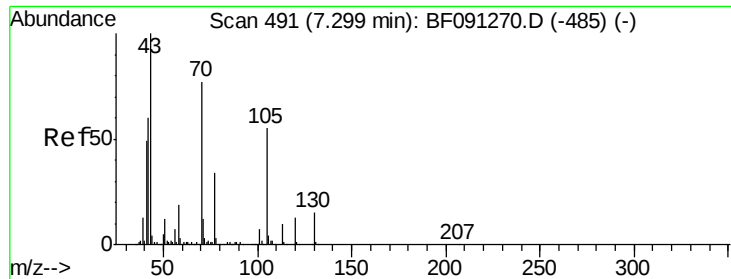
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#18
Hexachloroethane
Concen: 38.79 ng
RT: 7.40 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	78.6	118.0	
201	120.7	86.7	130.1	





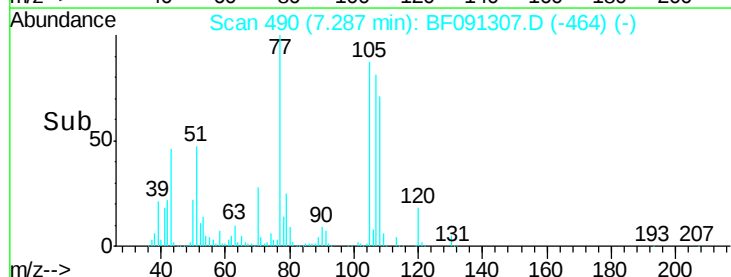
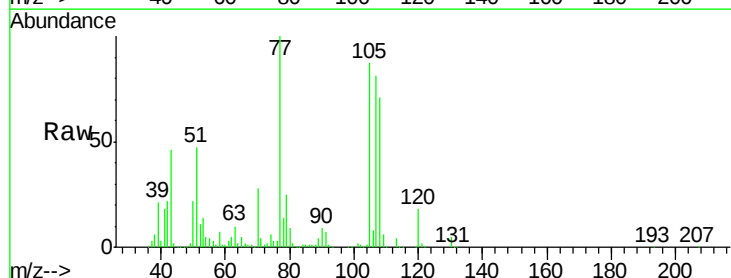
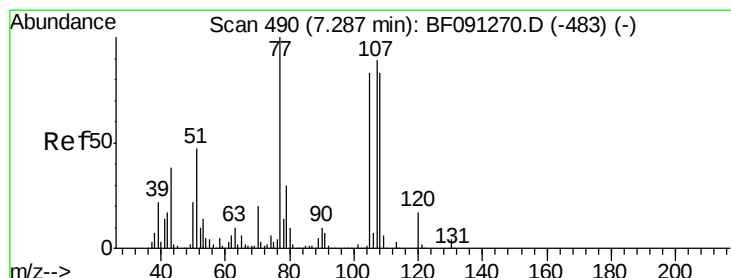
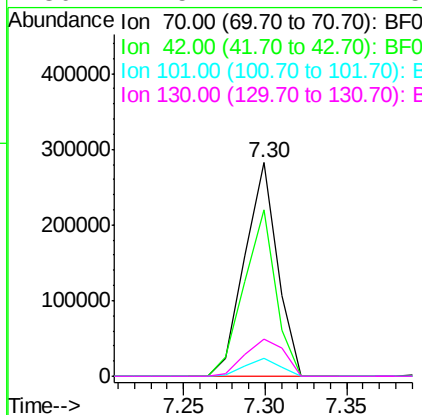
#19
n-Nitroso-di-n-propylamine
Concen: 41.27 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.0	64.8	97.2
101	8.2	6.2	9.4
130	17.5	11.7	17.5

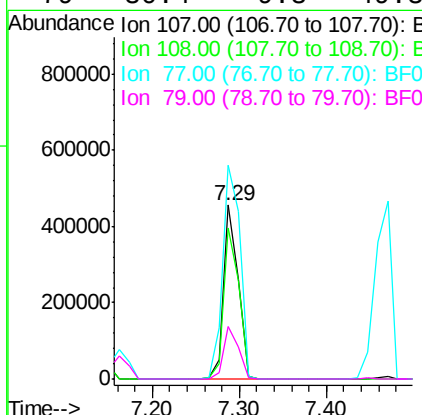
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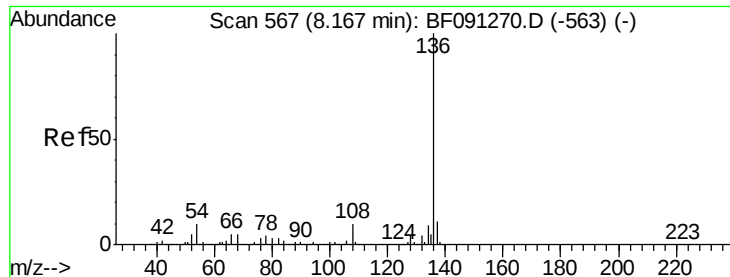
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#20
3+4-Methylphenols
Concen: 42.83 ng
RT: 7.29 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	64.6	104.6
77	123.0	30.9	70.9
79	30.4	9.3	49.3





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.17 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:136 Resp: 1415986

Ion Ratio Lower Upper

136 100

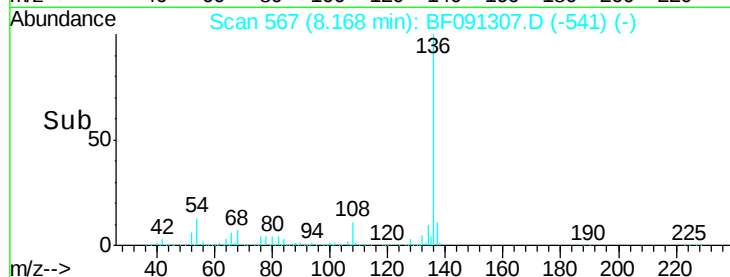
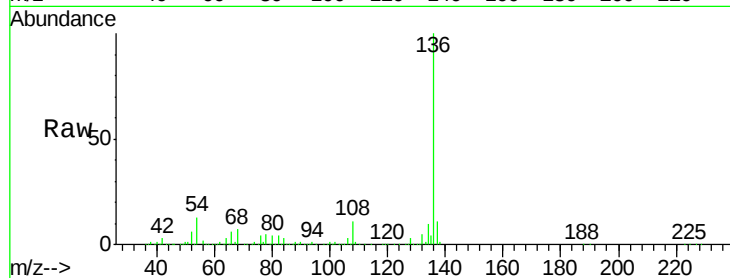
137 11.2 9.1 13.7

54 12.7 9.1 13.7

68 6.5 5.9 8.9

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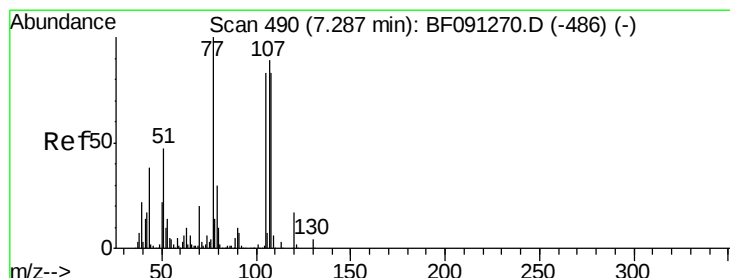
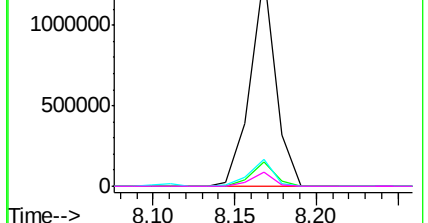


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.01 ng

RT: 7.30 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:105 Resp: 767041

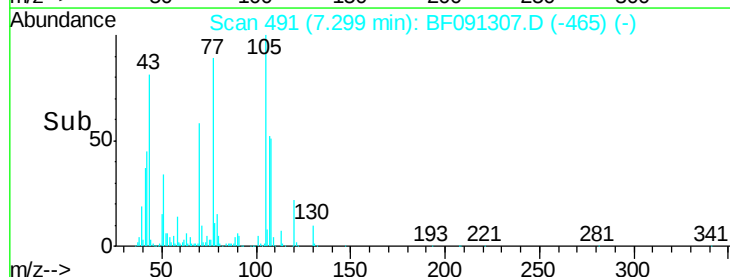
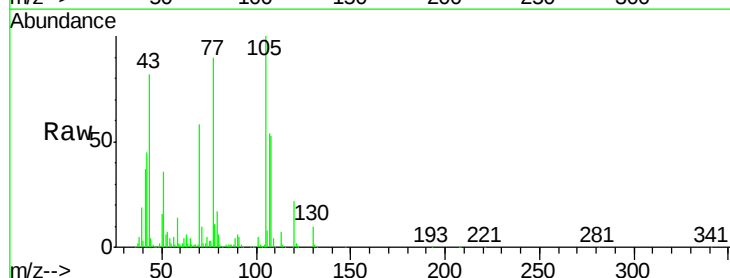
Ion Ratio Lower Upper

105 100

71 9.7 7.9 11.9

51 35.7 24.5 36.7

120 21.6 16.6 24.8

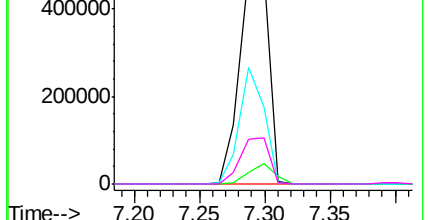


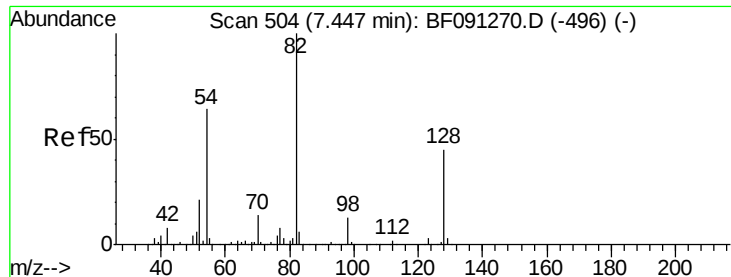
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





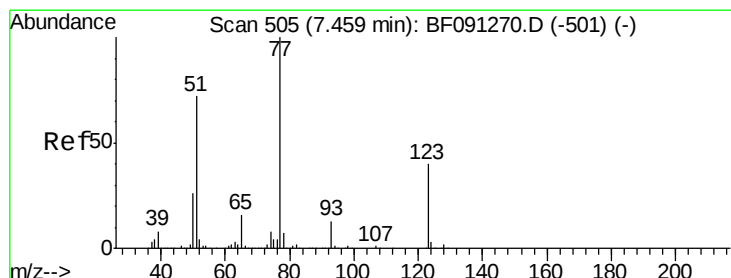
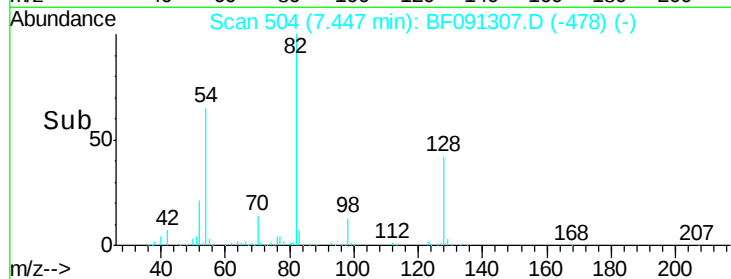
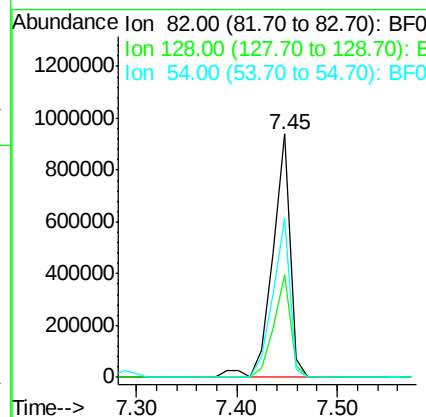
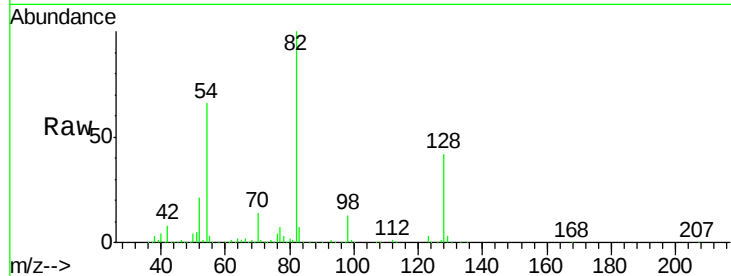
#23
 Nitrobenzene-d5
 Concen: 92.29 ng
 RT: 7.45 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	31.8	47.6
54	65.6	49.1	73.7

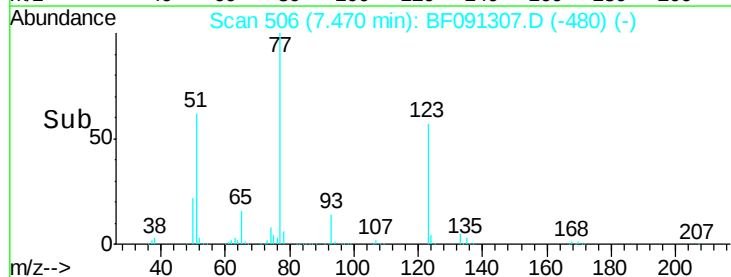
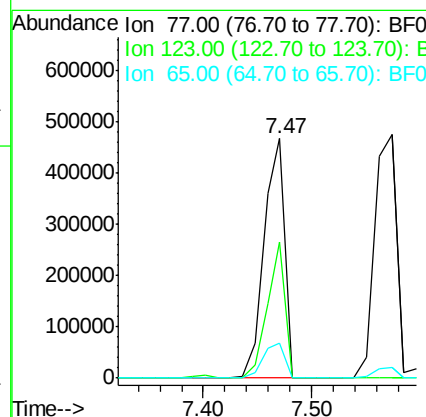
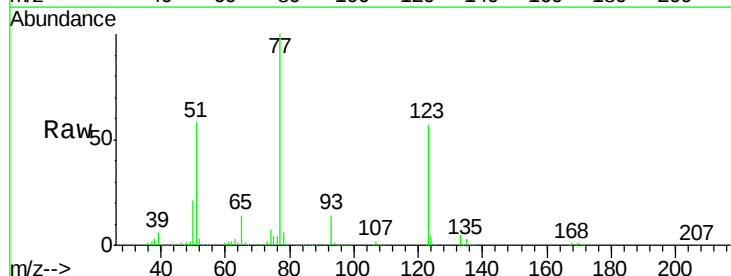
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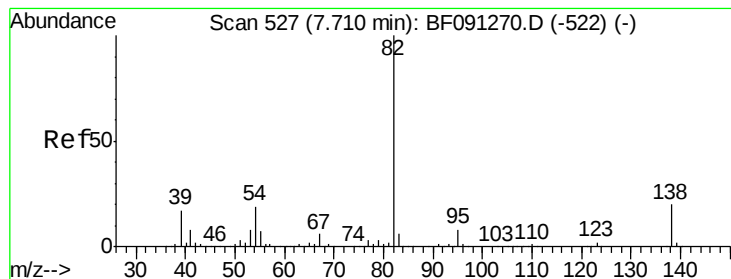
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#24
 Nitrobenzene
 Concen: 47.47 ng
 RT: 7.47 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.9	28.5	42.7#
65	14.4	12.5	18.7





#25

Isophorone

Concen: 48.57 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion: 82 Resp: 1115785

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

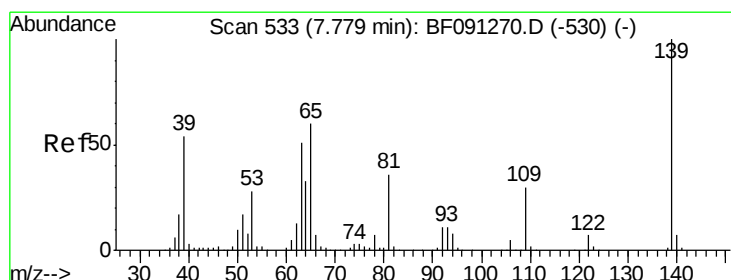
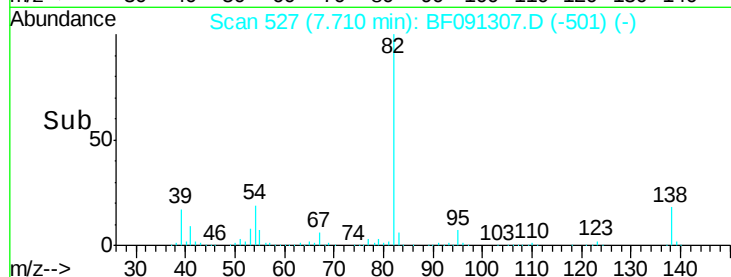
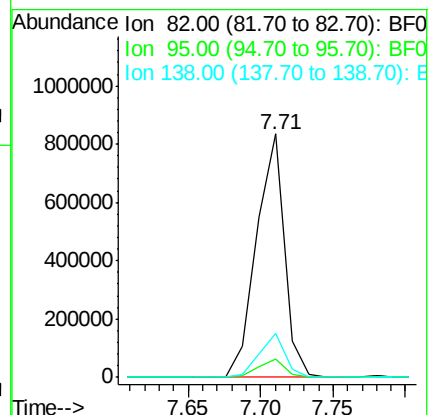
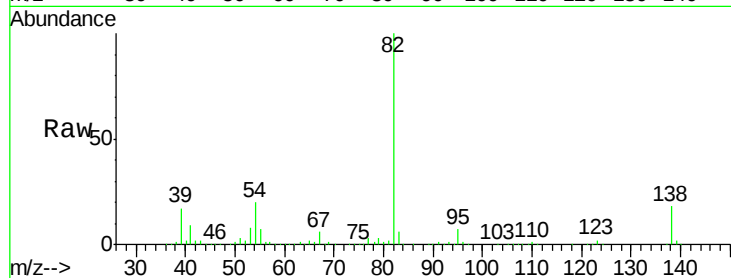
138 18.2 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 49.45 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

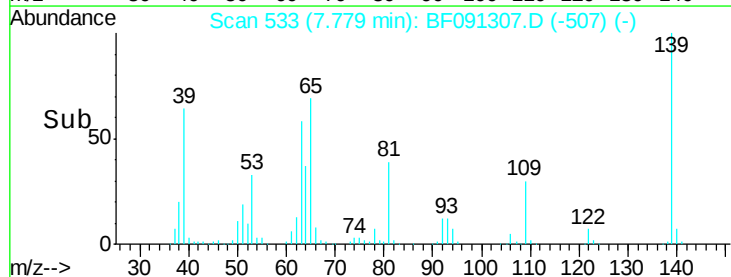
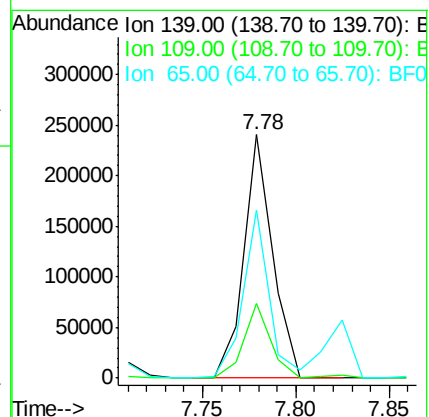
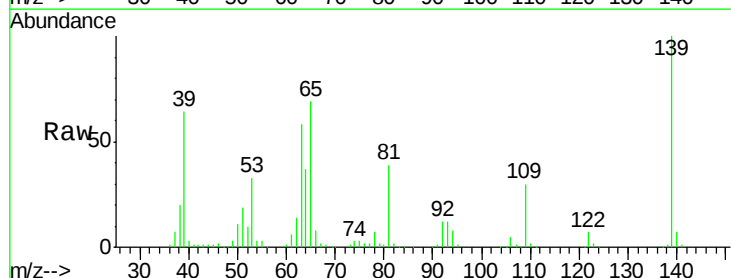
Tgt Ion: 139 Resp: 258067

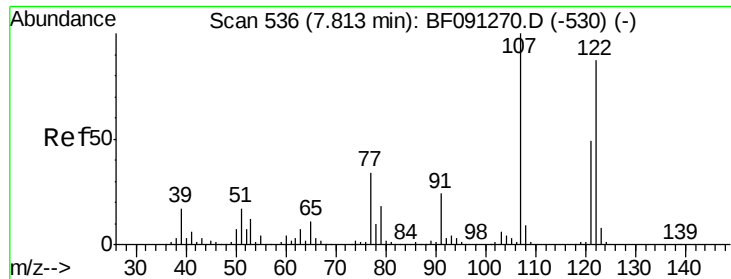
Ion Ratio Lower Upper

139 100

109 30.5 25.3 37.9

65 69.3 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 52.12 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

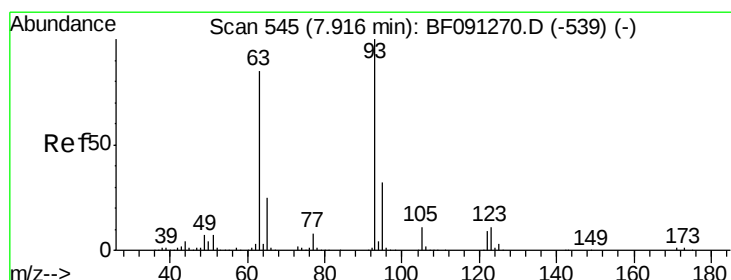
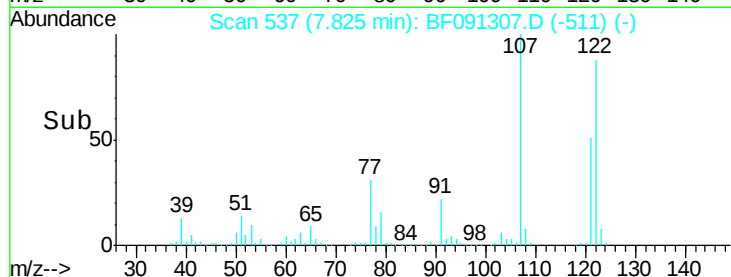
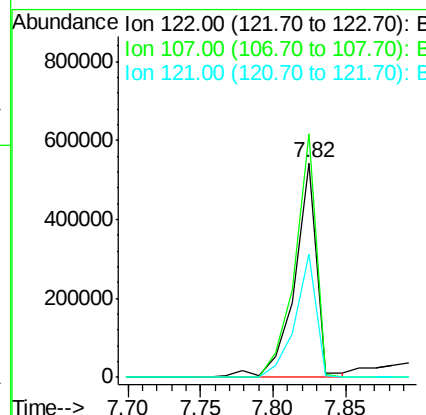
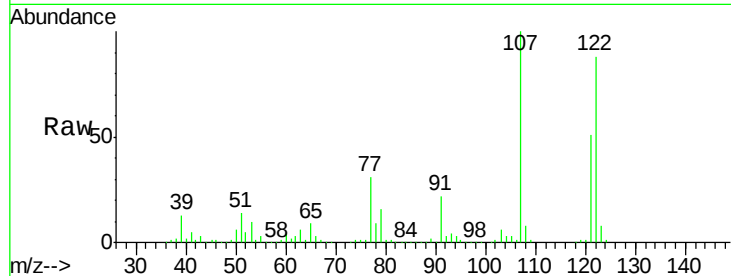
ClientSampleId :

PB94898BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		570887		
107	113.7	96.8		145.2	
121	57.8	47.7		71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 48.75 ng

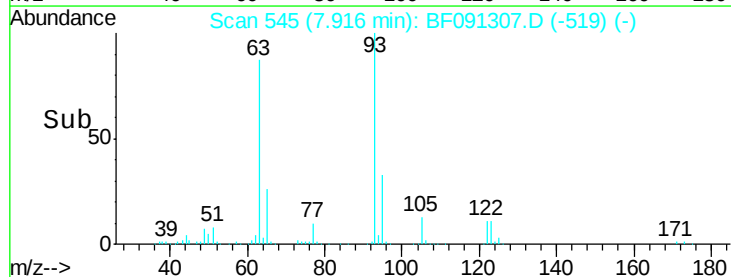
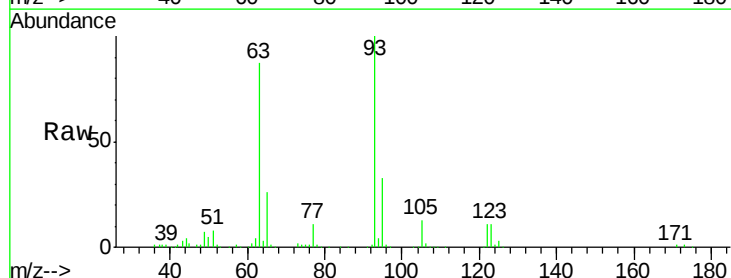
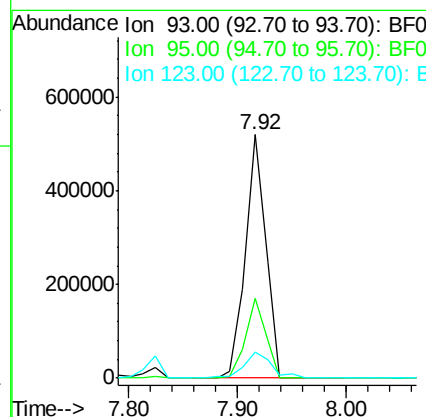
RT: 7.92 min Scan# 545

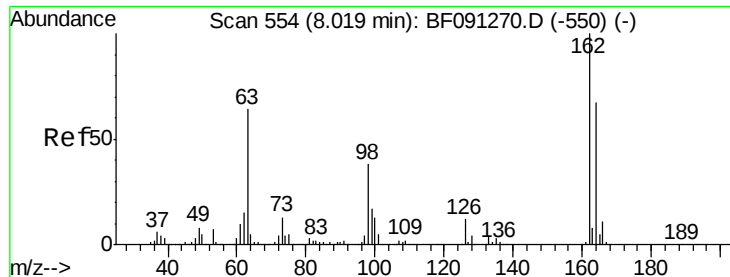
Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		666773		
95	32.6	26.0		39.0	
123	10.7	8.6		12.8	





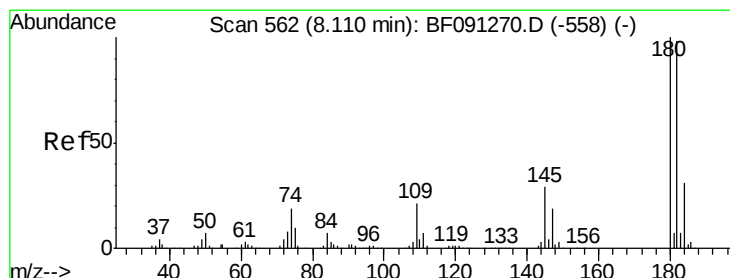
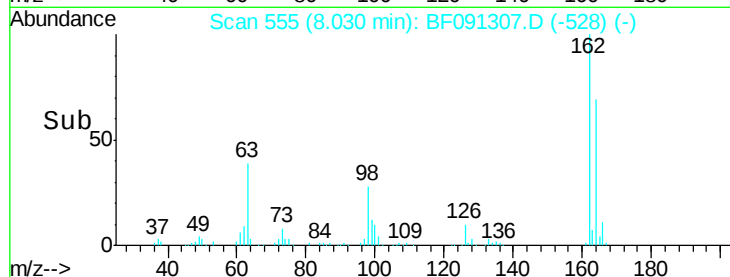
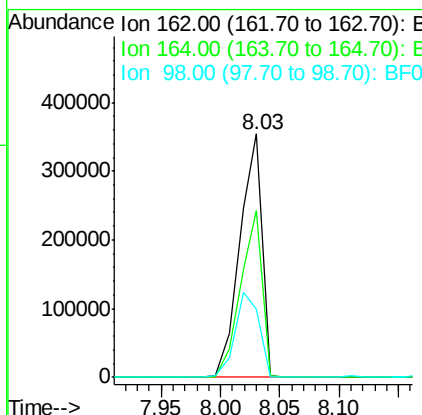
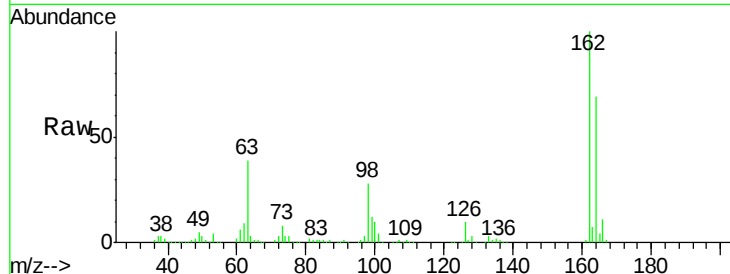
#29
2,4-Dichlorophenol
Concen: 47.65 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.5	45.0	85.0
98	28.0	21.3	61.3

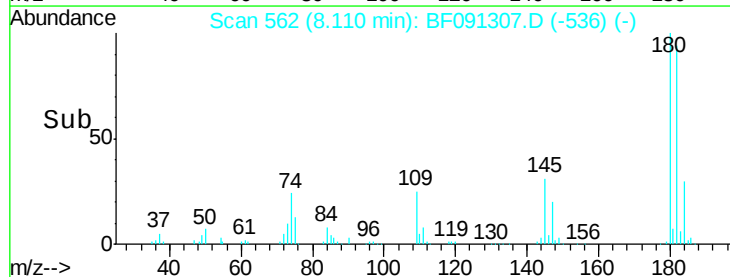
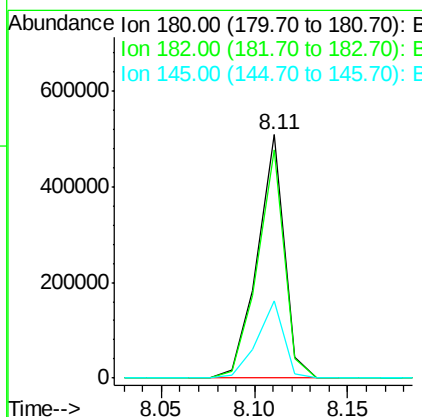
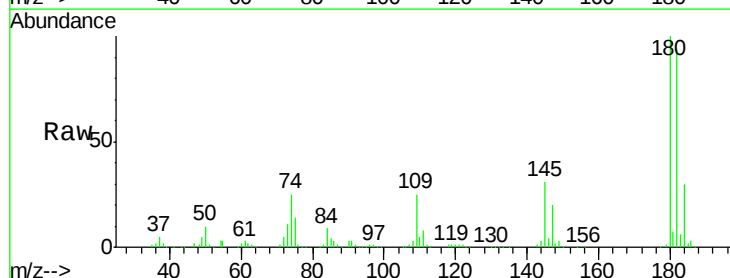
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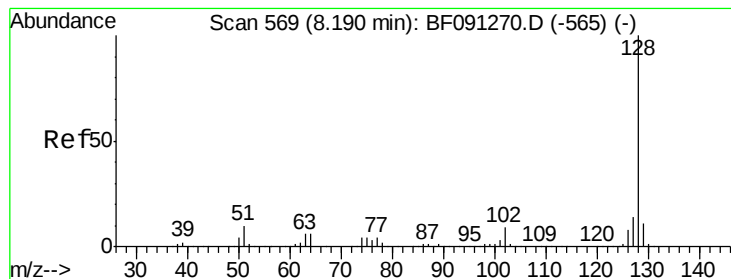
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#30
1,2,4-Trichlorobenzene
Concen: 46.26 ng
RT: 8.11 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.9	75.8	113.8
145	31.5	27.0	40.4





#31

Naphthalene

Concen: 45.08 ng

RT: 8.19 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:128 Resp: 1535223

Ion Ratio Lower Upper

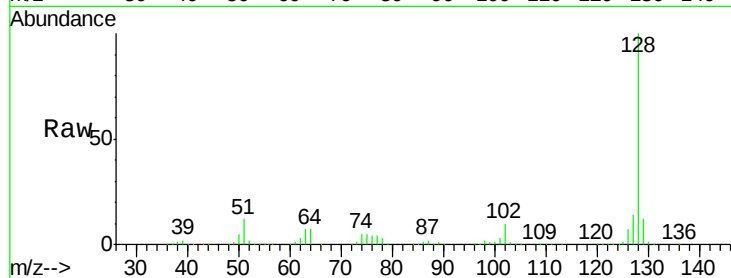
128 100

129 11.6 9.1 13.7

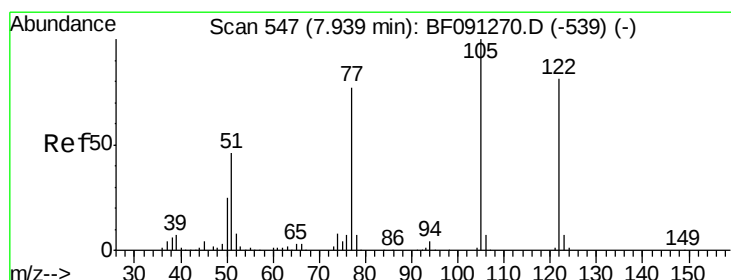
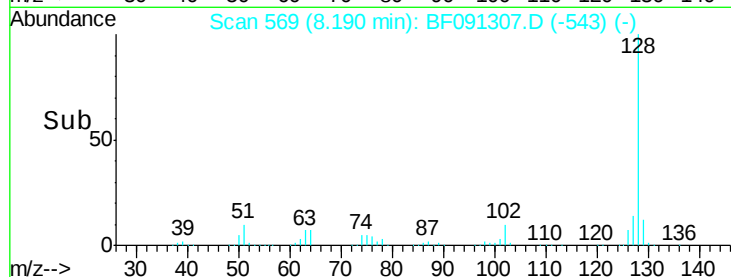
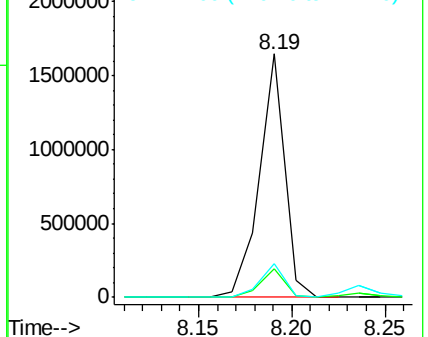
127 13.8 11.0 16.4

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.15 ng

RT: 7.95 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

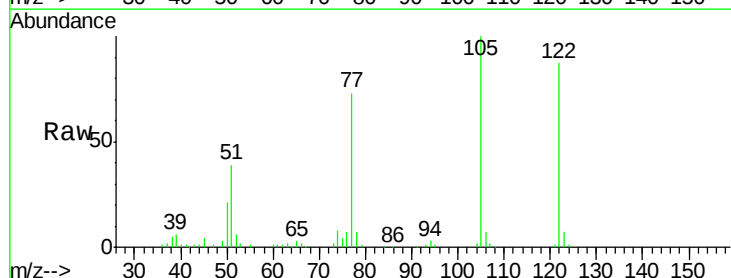
Tgt Ion:122 Resp: 337722

Ion Ratio Lower Upper

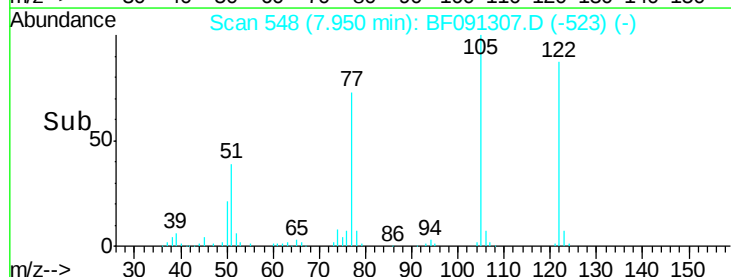
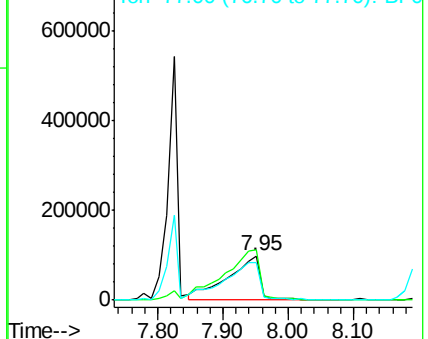
122 100

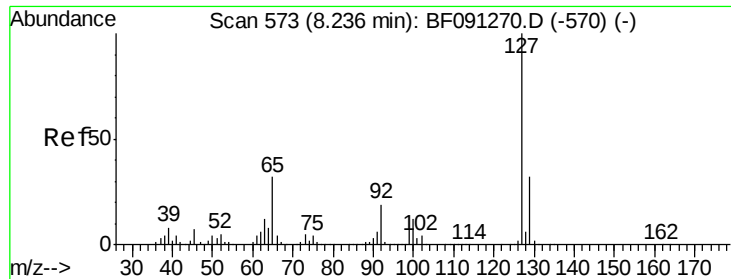
105 115.3 113.0 153.0

77 84.4 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





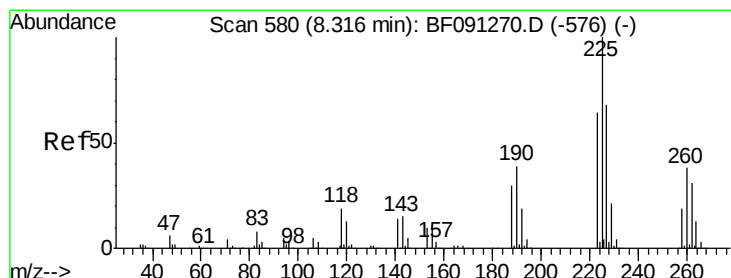
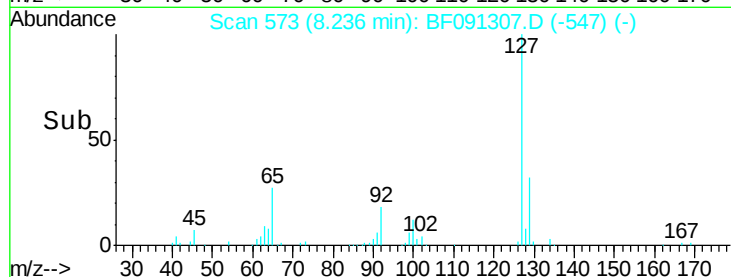
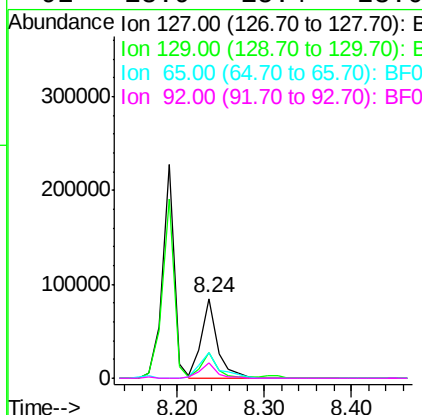
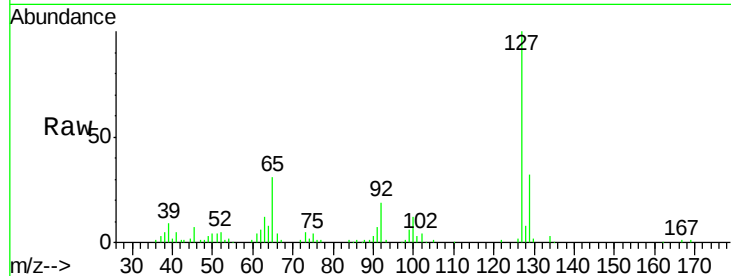
#33
4-Chloroaniline
Concen: 7.43 ng
RT: 8.24 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.2	39.4	
65	31.5	26.6	39.8	
92	18.9	15.4	23.0	

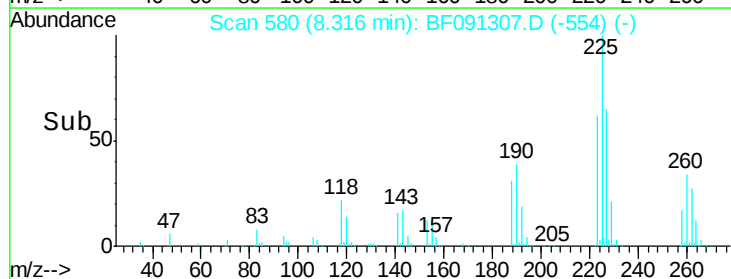
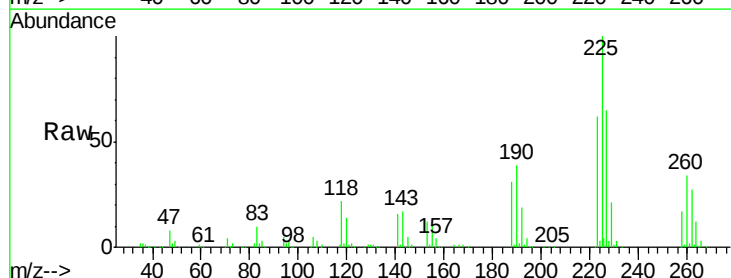
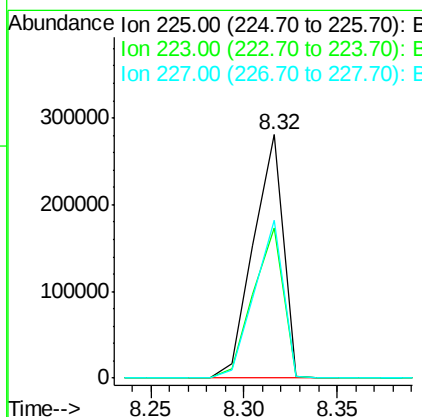
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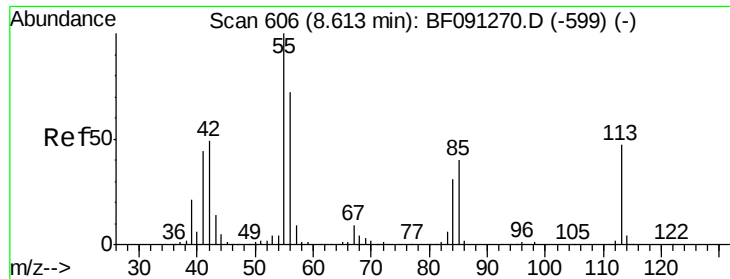
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#34
Hexachlorobutadiene
Concen: 47.06 ng
RT: 8.32 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	49.8	74.6	
227	64.6	52.6	79.0	





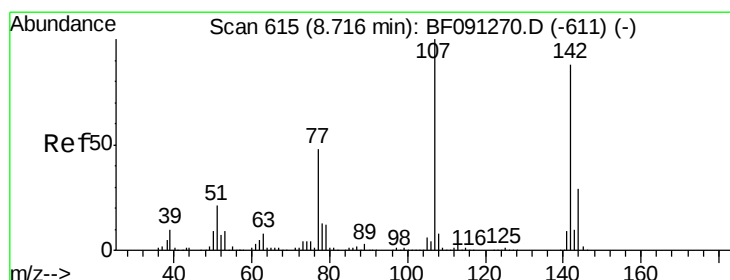
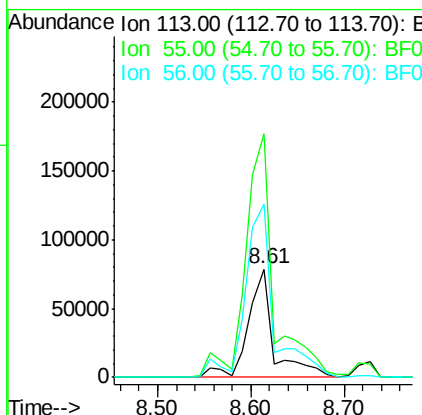
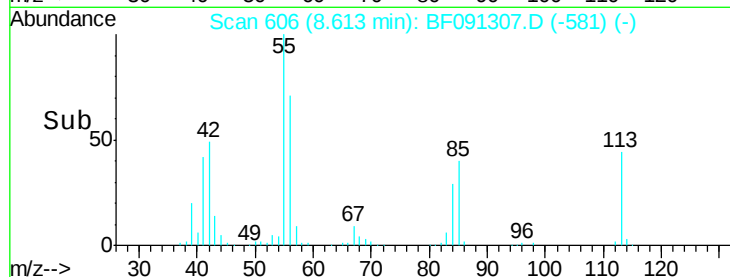
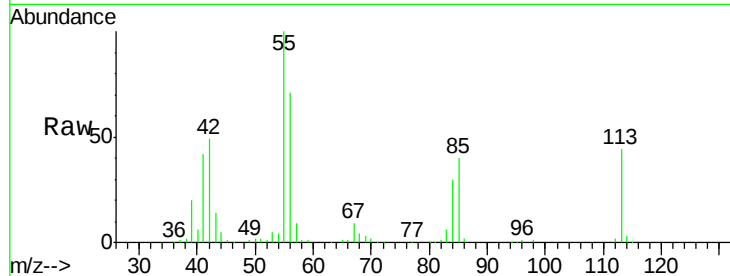
#35
Caprolactam
Concen: 49.76 ng
RT: 8.61 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	225.4	239.8	279.8#
56	160.4	165.6	205.6#

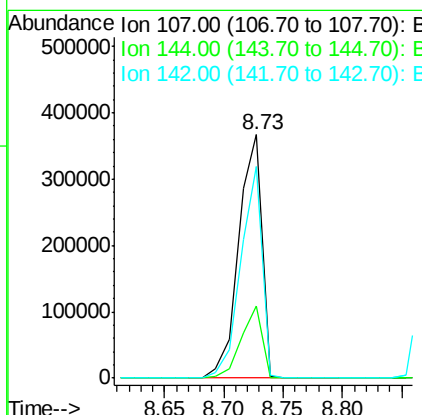
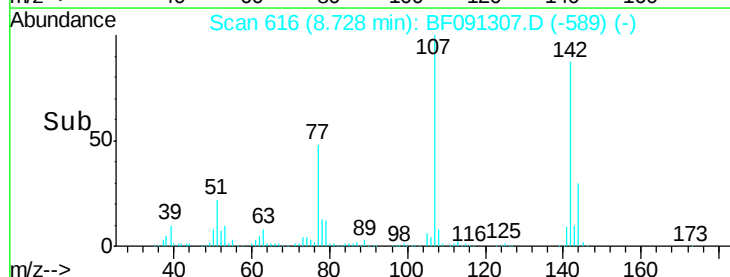
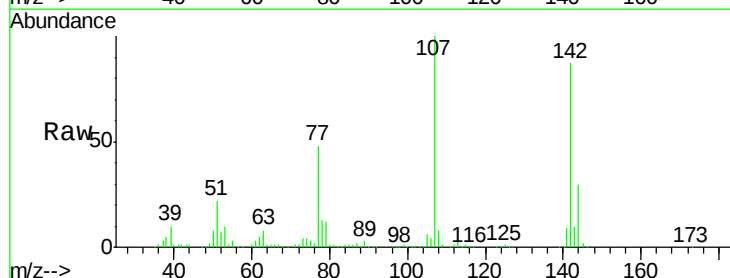
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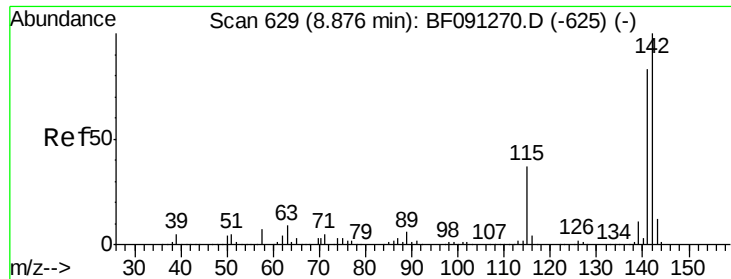
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#36
4-Chloro-3-methylphenol
Concen: 48.21 ng
RT: 8.73 min Scan# 616
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	29.6	18.9	28.3#
142	86.9	58.5	87.7





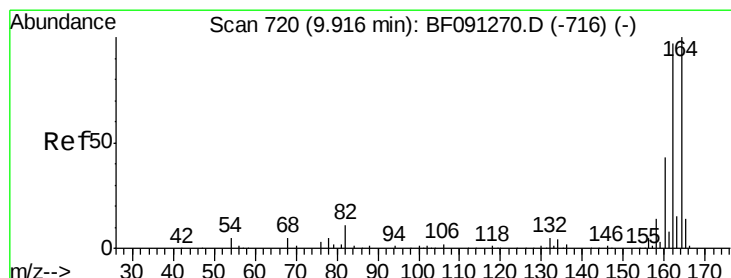
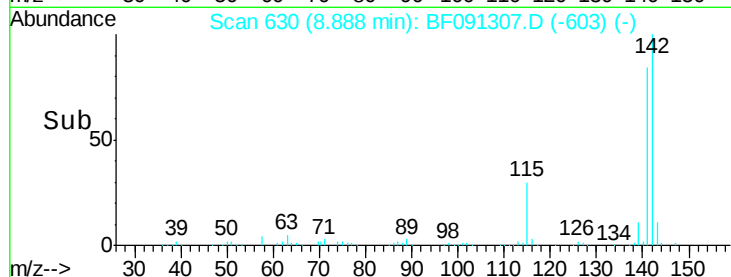
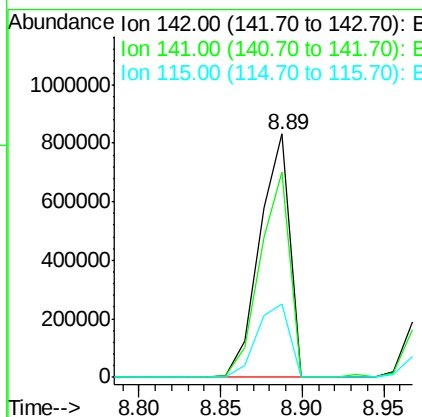
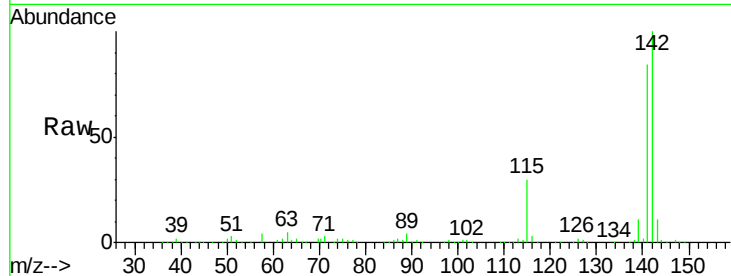
#37
2-Methylnaphthalene
Concen: 45.22 ng
RT: 8.89 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleID :
PB94898BSD

Tot Ion:142 Resp: 1057091
Ion Ratio Lower Upper
142 100
141 84.1 71.7 107.5
115 29.9 25.0 37.6

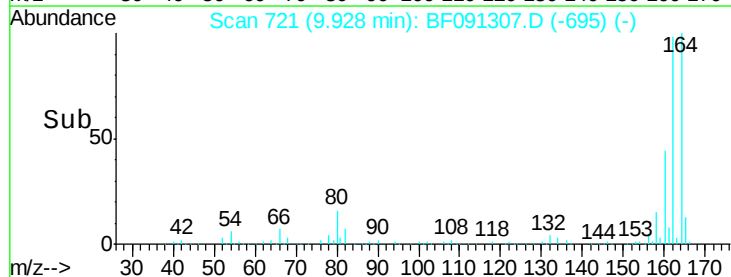
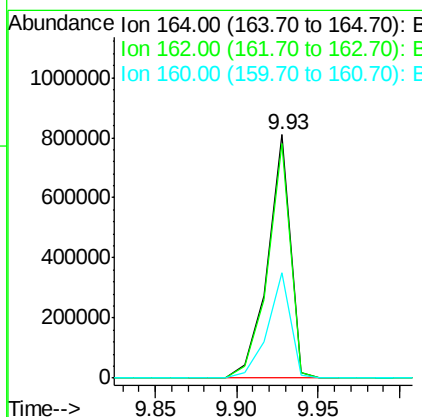
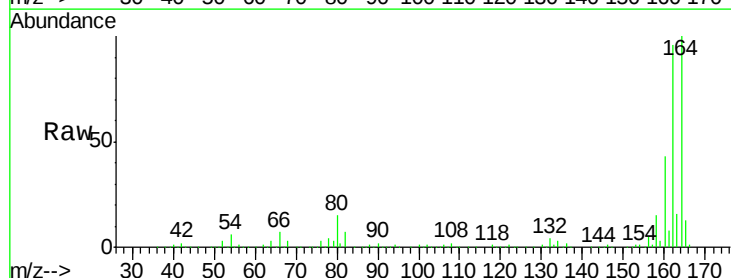
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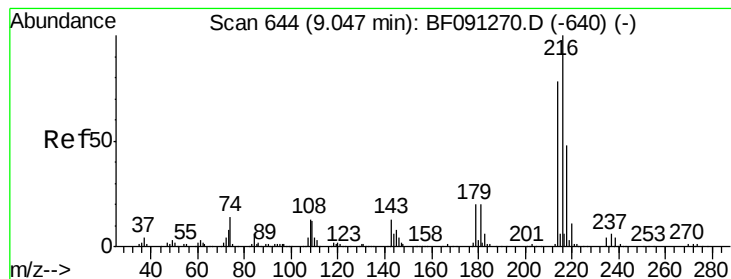
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:164 Resp: 789491
Ion Ratio Lower Upper
164 100
162 96.4 82.6 124.0
160 43.2 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.32 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

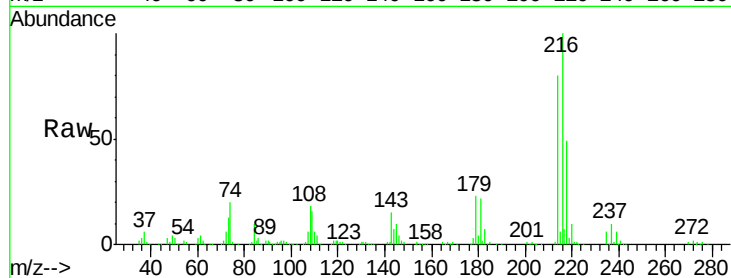
ClientSampleId :

PB94898BSD

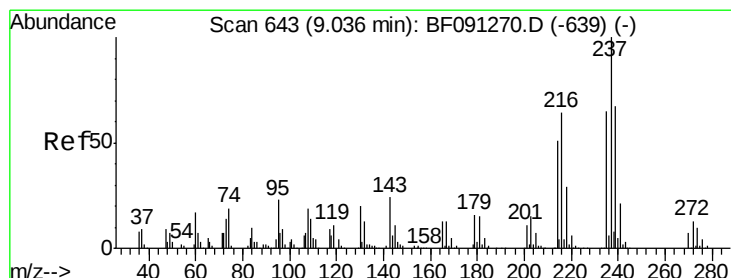
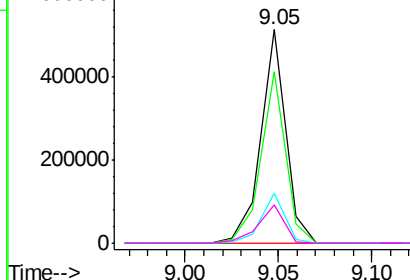
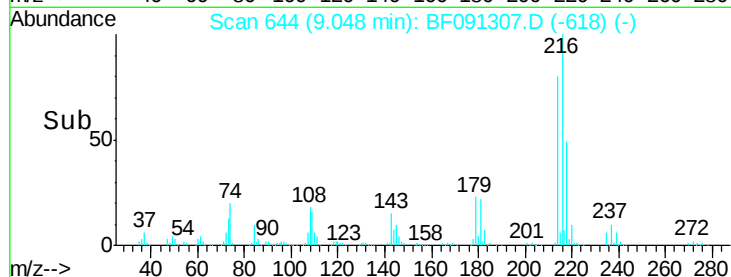
Tot Ion	Ratio	Resp	Lower	Upper
216	100	474158		
214	79.4	63.8	95.8	
179	22.2	18.2	27.2	
108	18.8	17.2	25.8	

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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: 44.68 ng

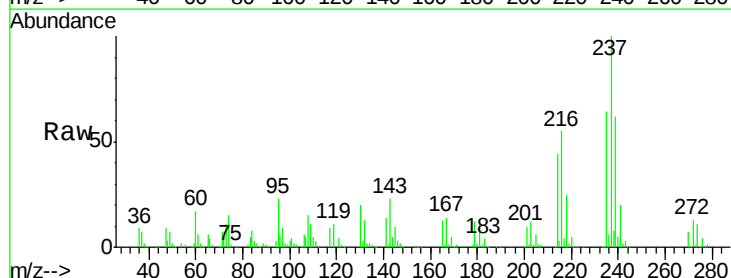
RT: 9.04 min Scan# 643

Delta R.T. -0.00 min

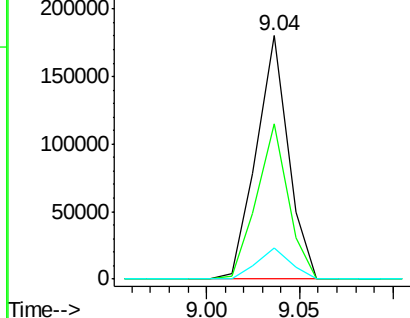
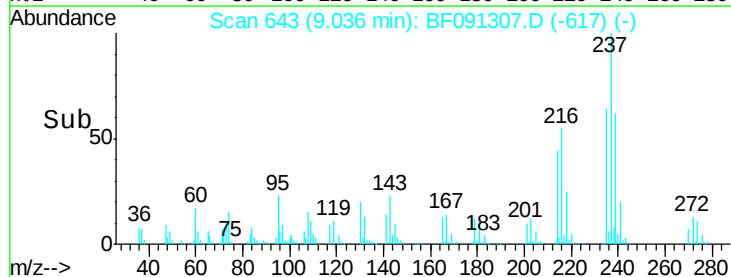
Lab File: BF091307.D

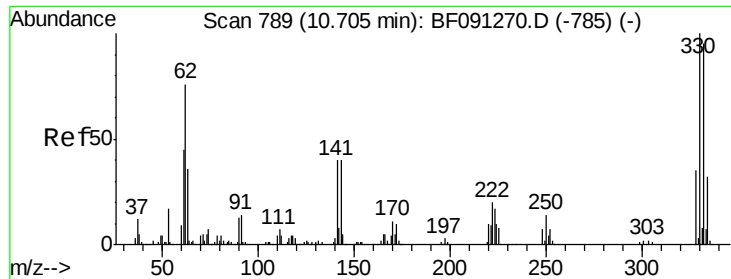
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	213962		
235	64.0	43.9	83.9	
272	12.7	0.0	33.1	



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





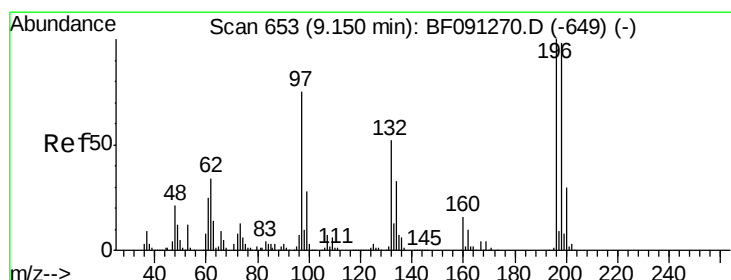
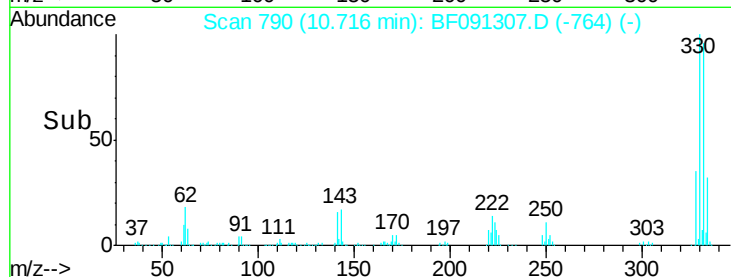
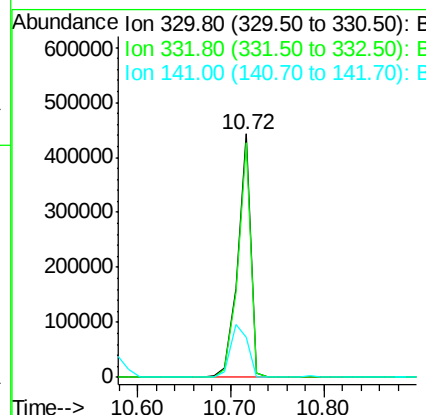
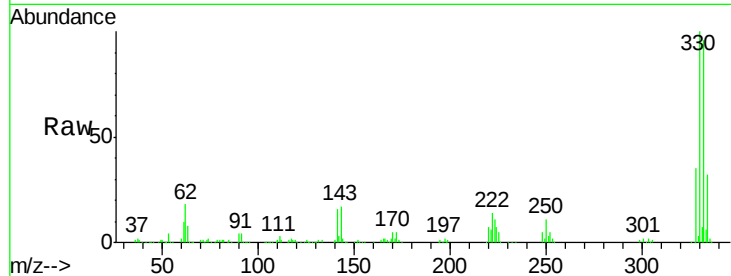
#41
 2,4,6-Tribromophenol
 Concen: 109.32 ng
 RT: 10.72 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	76.2	114.4	
141	28.9	33.6	50.4	

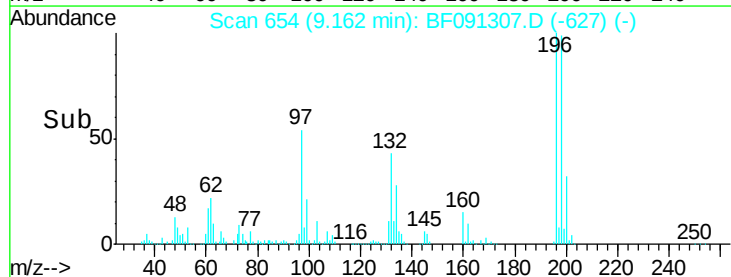
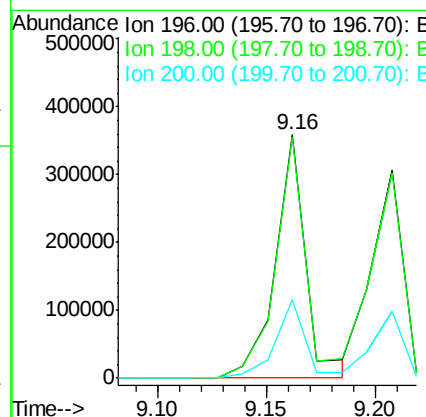
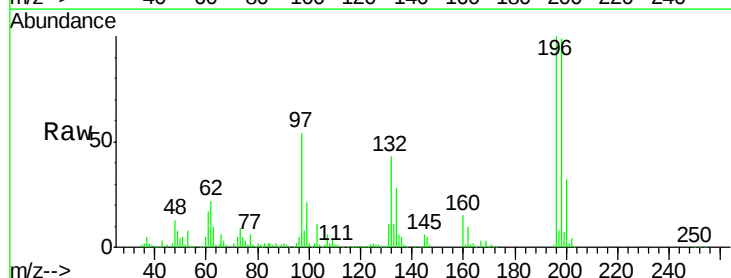
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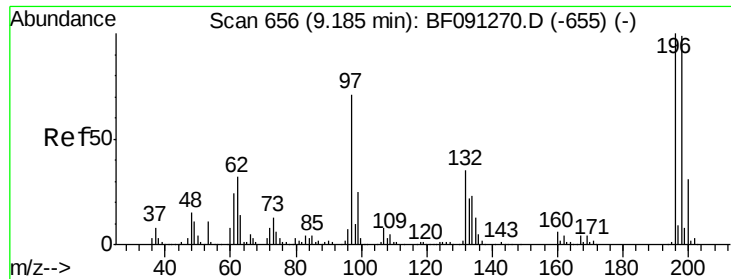
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#42
 2,4,6-Trichlorophenol
 Concen: 47.92 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.1	77.4	116.0	
200	32.2	25.2	37.8	





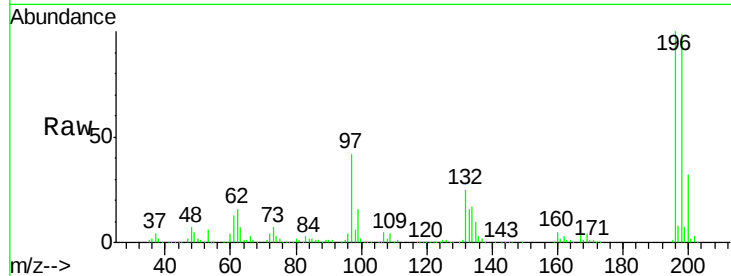
#43
 2,4,5-Trichlorophenol
 Concen: 43.48 ng
 RT: 9.21 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

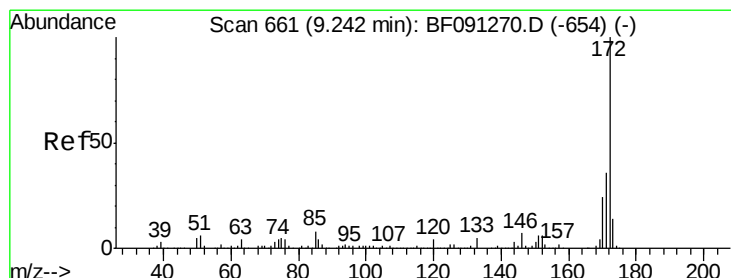
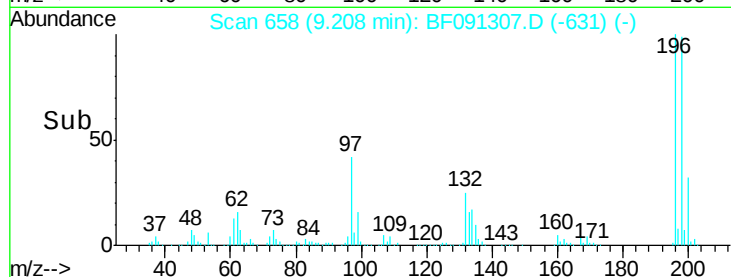
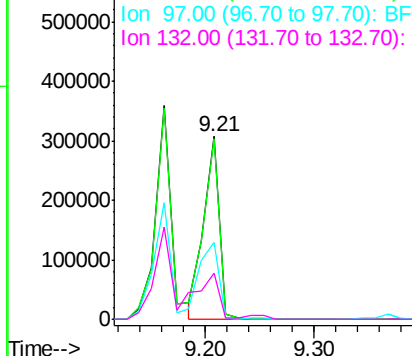
Tot Ion:	196	Resp:	308189
Ion Ratio	Lower	Upper	
196	100		
198	98.9	77.0	115.6
97	42.0	33.5	50.3
132	25.3	20.5	30.7

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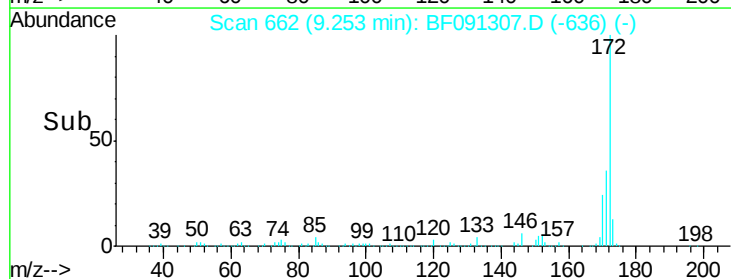
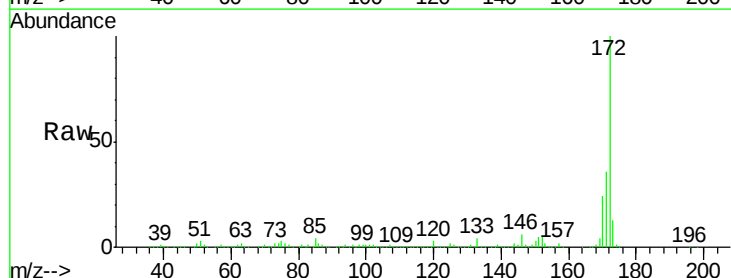
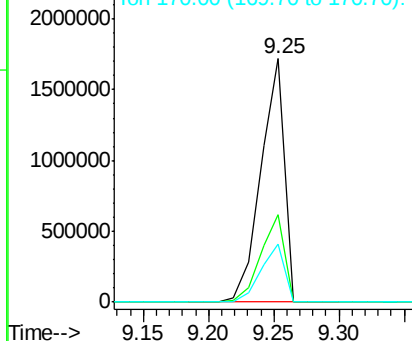
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

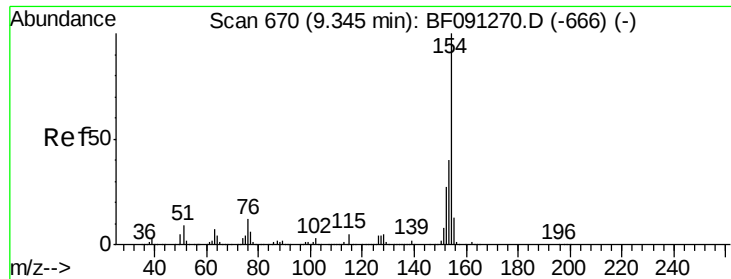


#44
 2-Fluorobiphenyl
 Concen: 89.38 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:	172	Resp:	2154823
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.4	44.0
170	24.0	19.7	29.5

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.58 ng

RT: 9.34 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:154 Resp: 1154885

Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

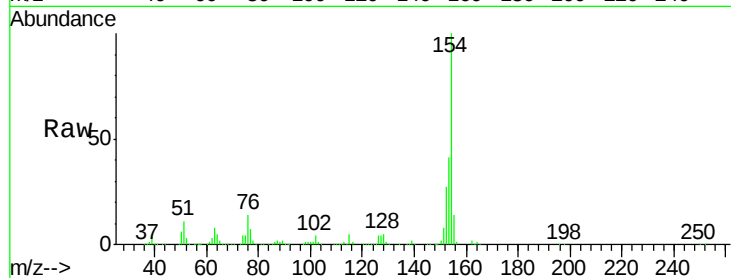
76 14.1 0.0 36.6

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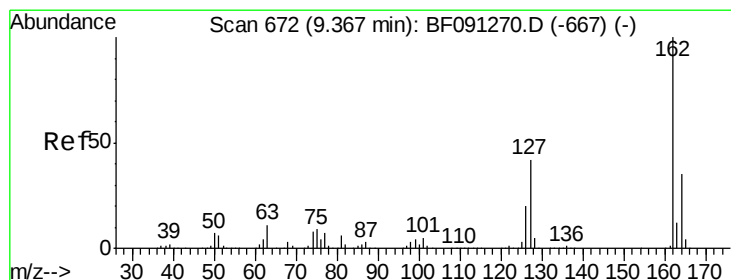
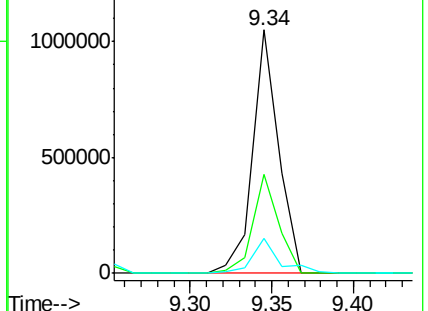
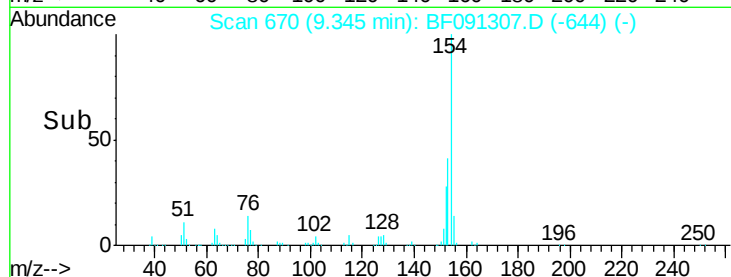
11/28/2016 5:18:44 PM



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: 42.00 ng

RT: 9.37 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

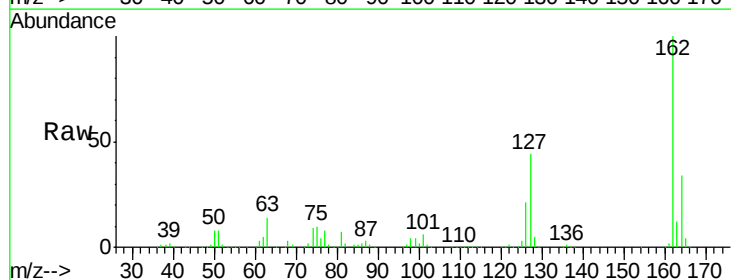
Tgt Ion:162 Resp: 875550

Ion Ratio Lower Upper

162 100

127 44.4 34.3 51.5

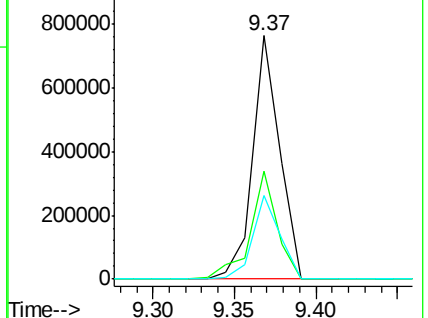
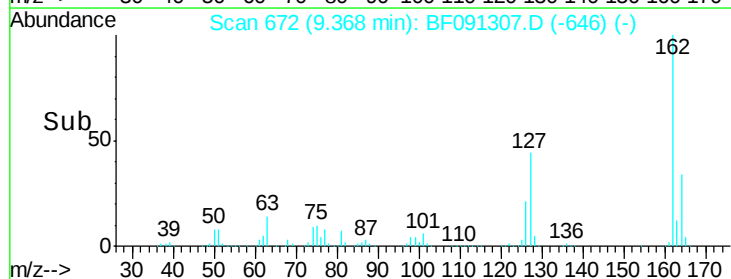
164 34.2 26.6 40.0

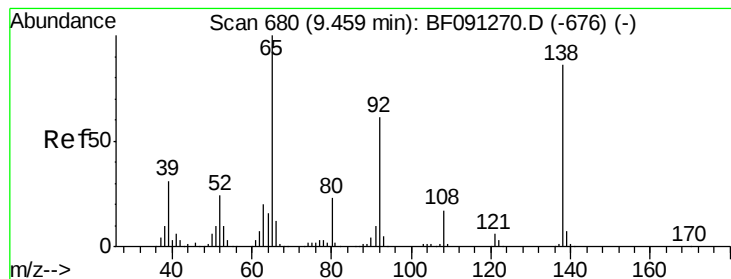


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.43 ng

RT: 9.46 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion: 65 Resp: 293058
Ion Ratio Lower Upper

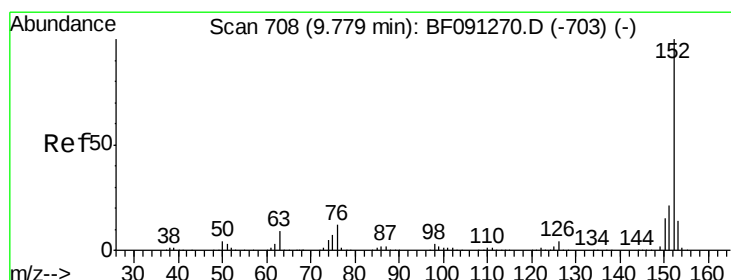
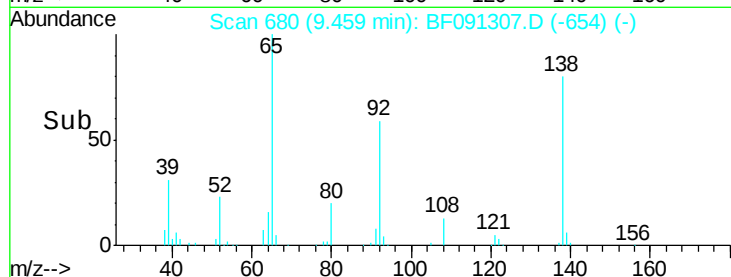
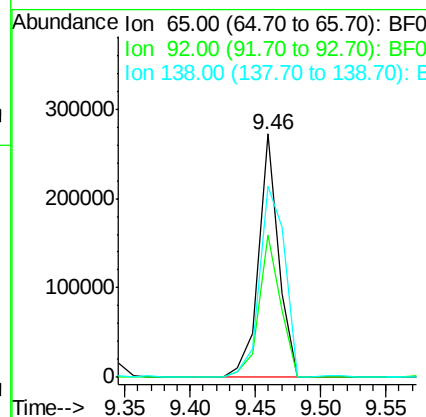
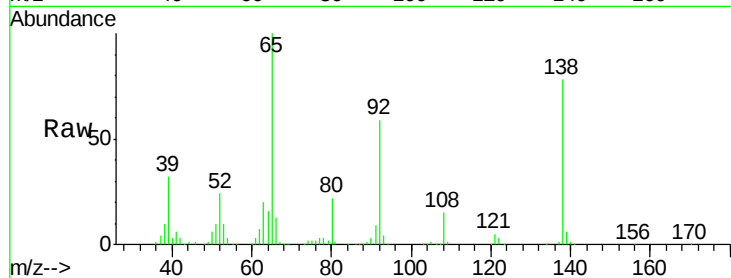
65 100

92 58.6 53.6 80.4

138 78.4 91.0 136.6#

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#48

Acenaphthylene

Concen: 43.48 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF091307.D

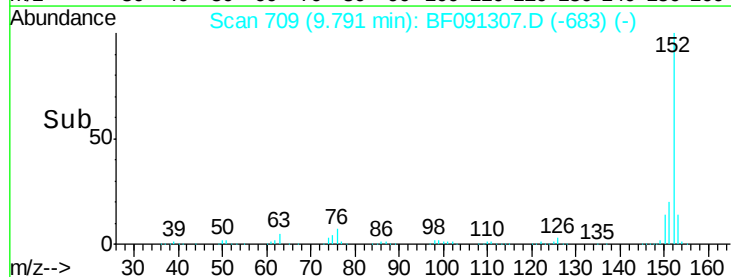
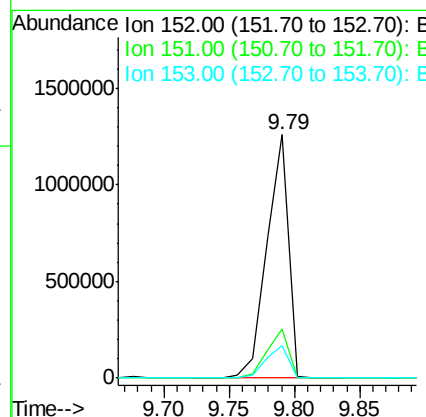
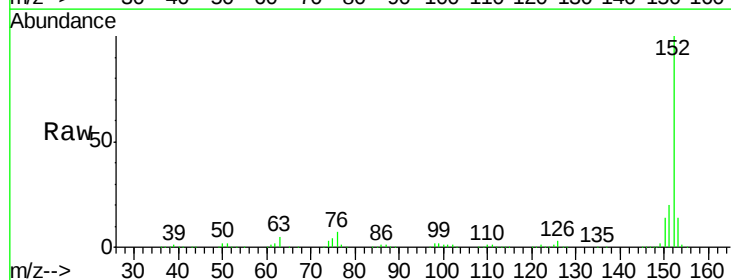
Acq: 24 Nov 2016 10:50

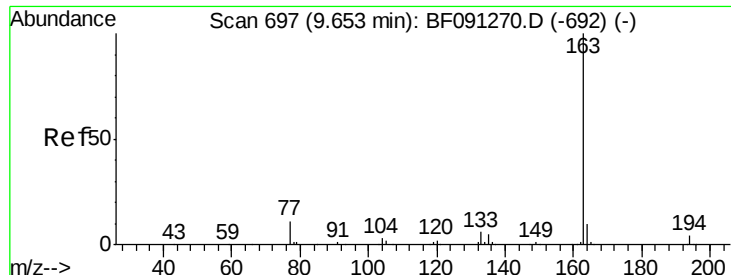
Tgt Ion: 152 Resp: 1452651
Ion Ratio Lower Upper

152 100

151 20.3 16.6 24.8

153 13.5 10.7 16.1





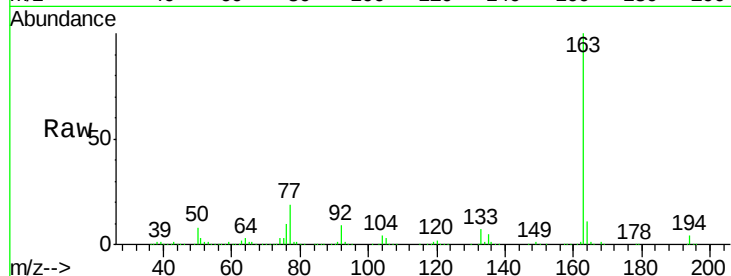
#49
Dimethylphthalate
Concen: 47.74 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

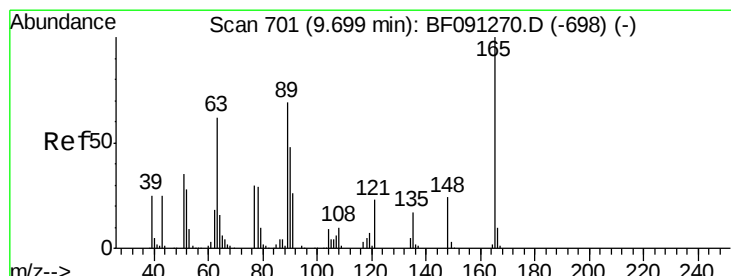
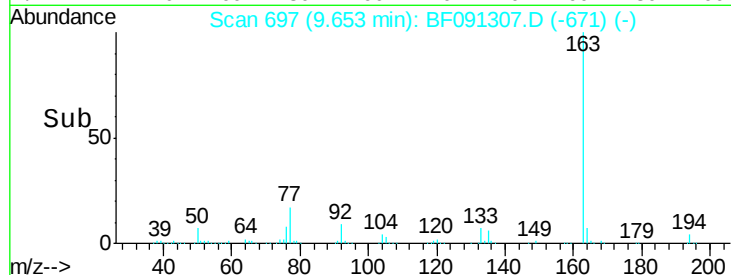
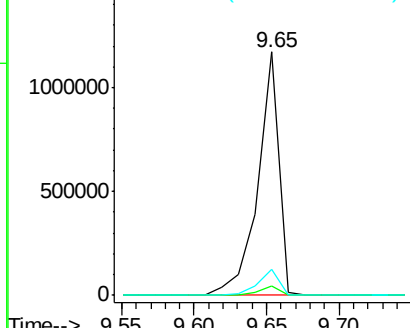
Tot Ion:163 Resp: 1176764
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.7 7.8 11.8

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11/28/2016 5:18:44 PM

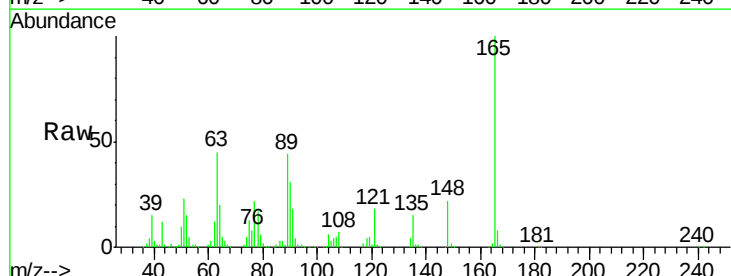


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

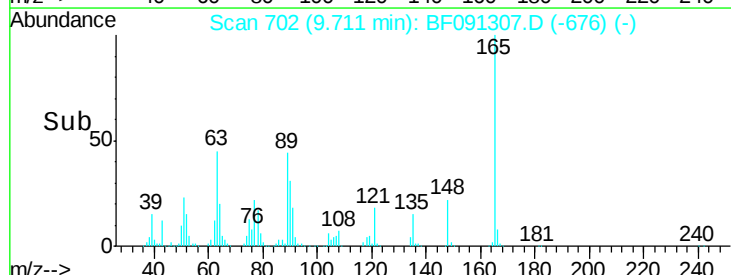
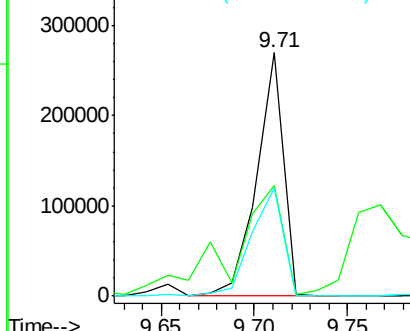


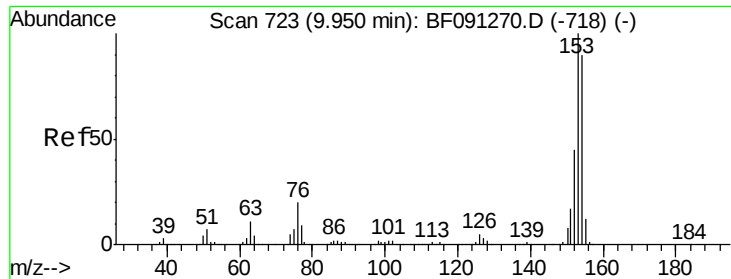
#50
2,6-Dinitrotoluene
Concen: 49.30 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion:165 Resp: 265432
Ion Ratio Lower Upper
165 100
63 45.3 59.4 89.0#
89 44.3 50.8 76.2#



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





#51

Acenaphthene

Concen: 43.10 ng

RT: 9.96 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

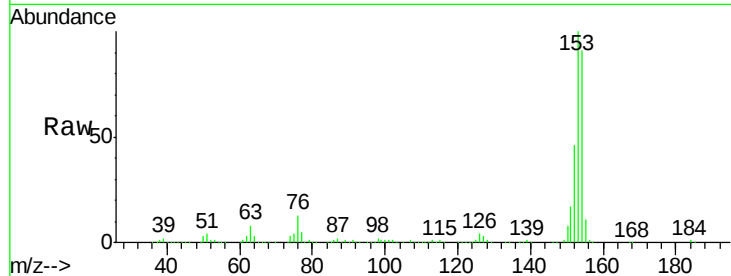
ClientSampleId :

PB94898BSD

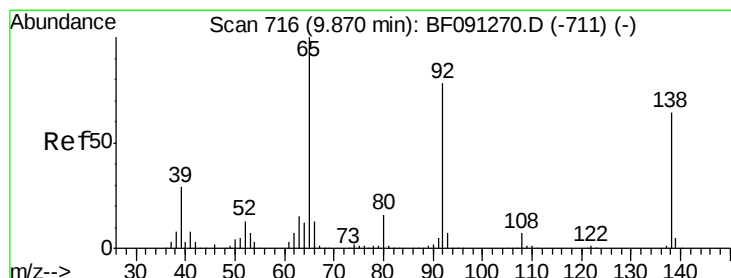
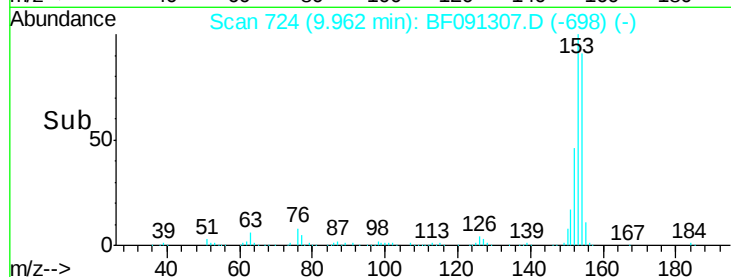
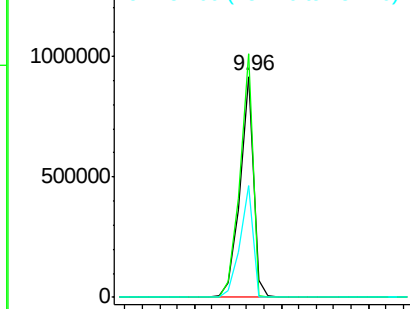
Tot Ion:	154	Resp:	980051
Ion Ratio	Lower	Upper	
154	100		
153	110.4	91.0	136.6
152	50.8	44.2	66.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.29 ng

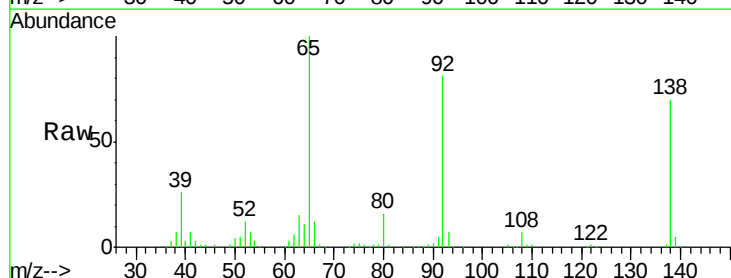
RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

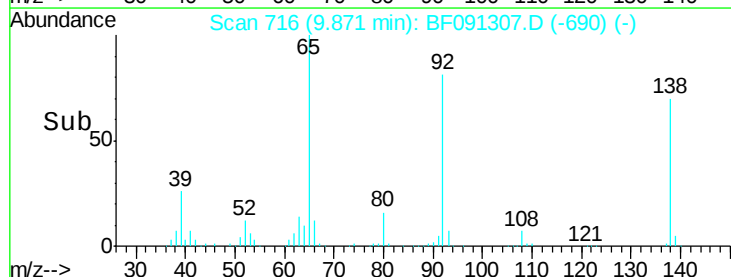
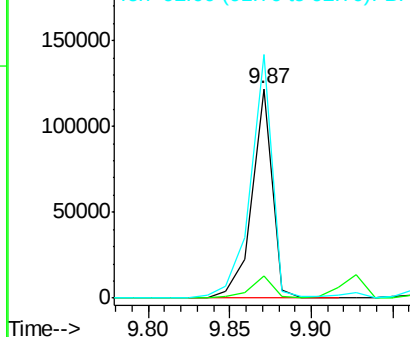
Lab File: BF091307.D

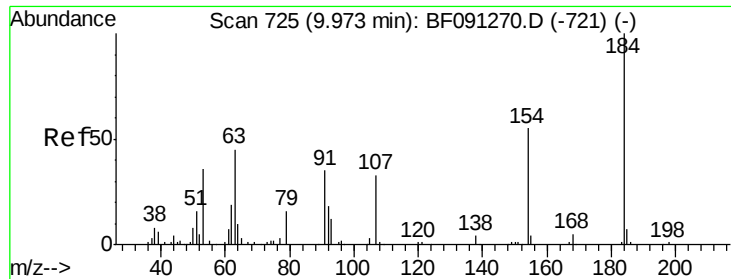
Acq: 24 Nov 2016 10:50

Tgt Ion:	138	Resp:	105852
Ion Ratio	Lower	Upper	
138	100		
108	10.7	8.1	12.1
92	116.4	92.5	138.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





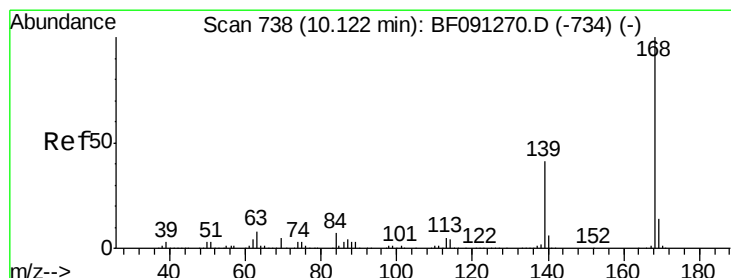
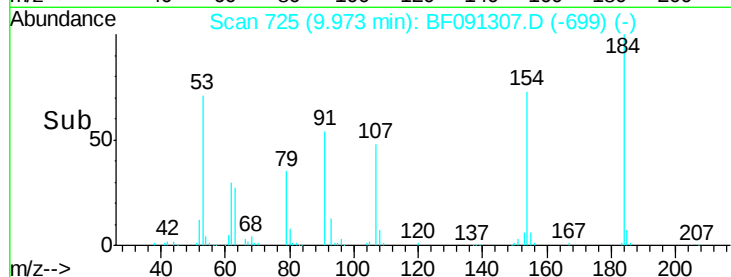
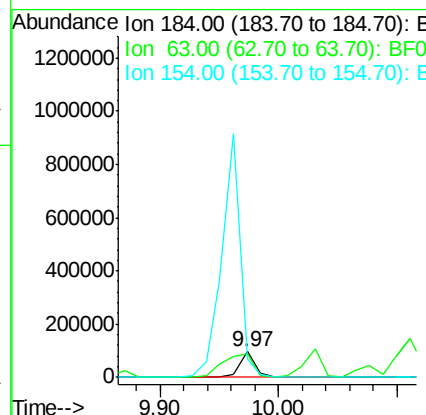
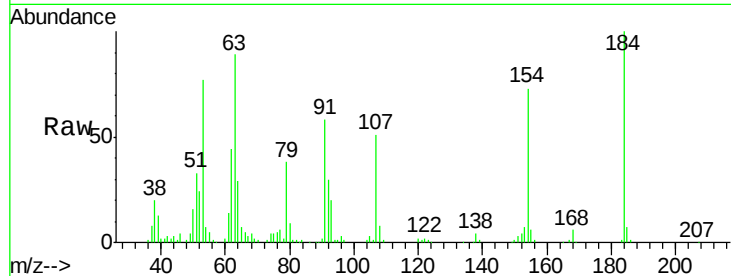
#53
 2,4-Dinitrophenol
 Concen: 51.00 ng
 RT: 9.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	89.1	58.3	87.5#
154	73.1	48.6	73.0#

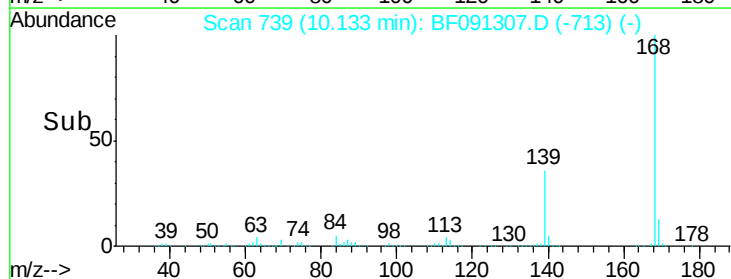
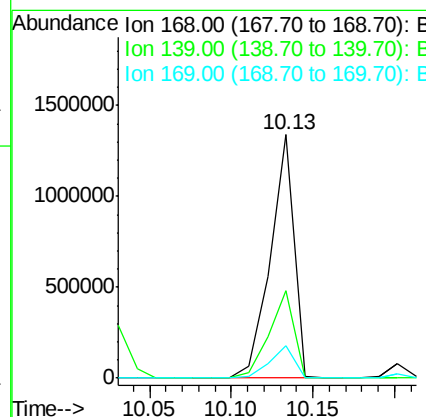
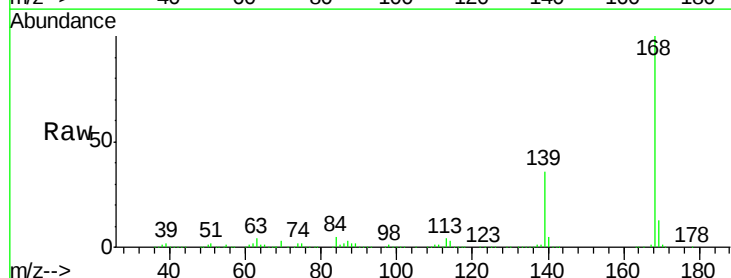
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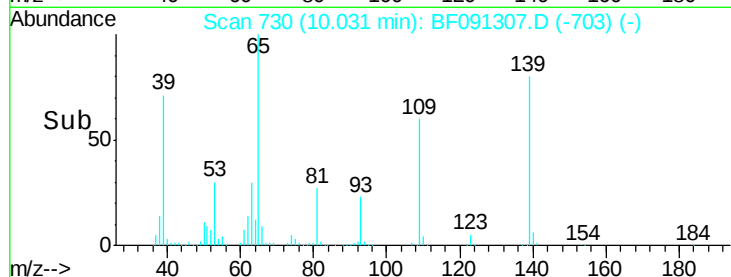
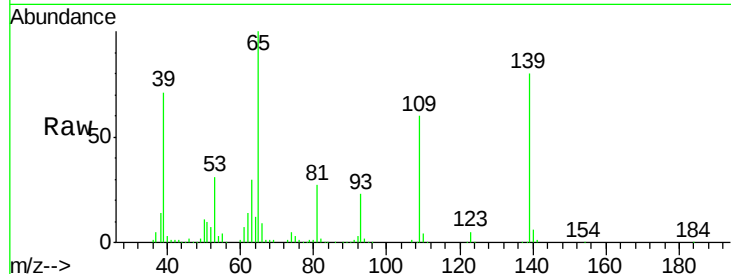
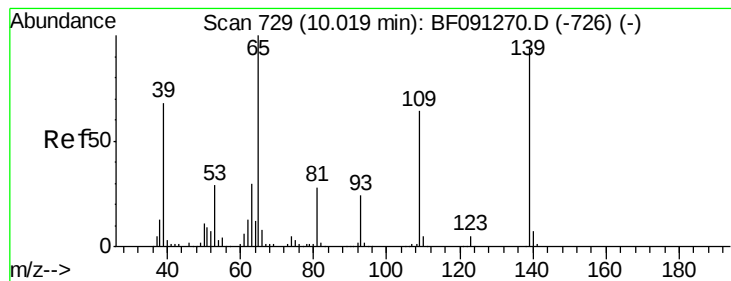
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#54
 Dibenzofuran
 Concen: 42.52 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	33.4	50.2
169	13.4	11.1	16.7





#55

4-Nitrophenol

Concen: 73.50 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tot Ion:	139	Resp:	306855
Ion Ratio	Lower	Upper	
139	100		
109	74.9	54.9	94.9
65	124.4	102.2	142.2

Instrument :

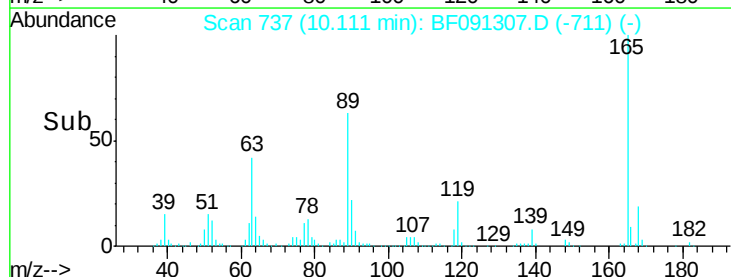
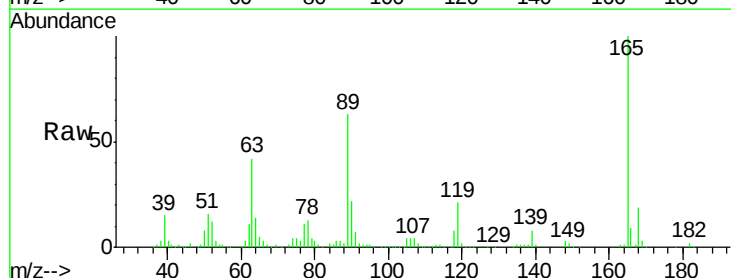
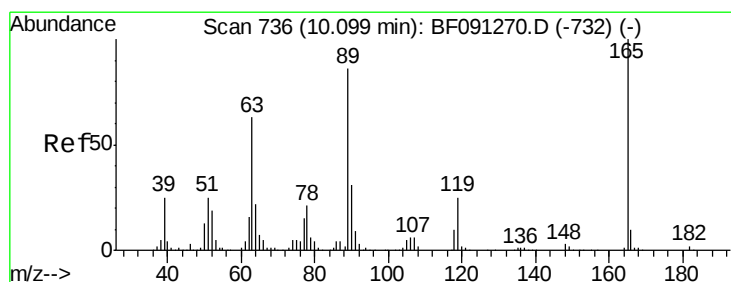
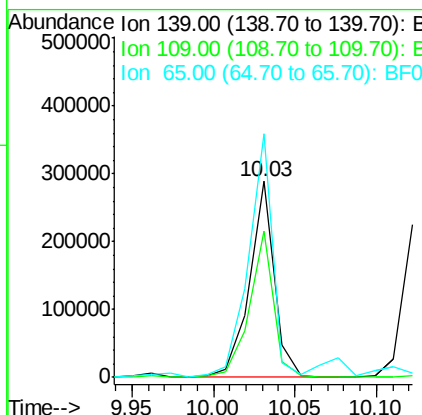
BNA_F

ClientSampleId :

PB94898BSD

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#56

2,4-Dinitrotoluene

Concen: 48.91 ng

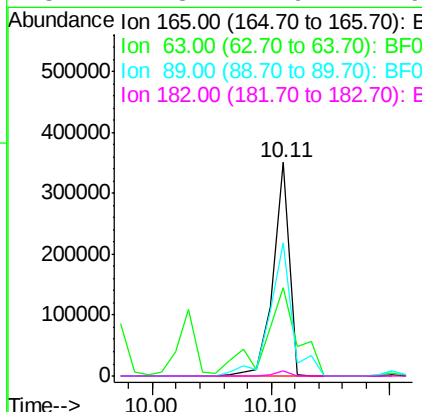
RT: 10.11 min Scan# 737

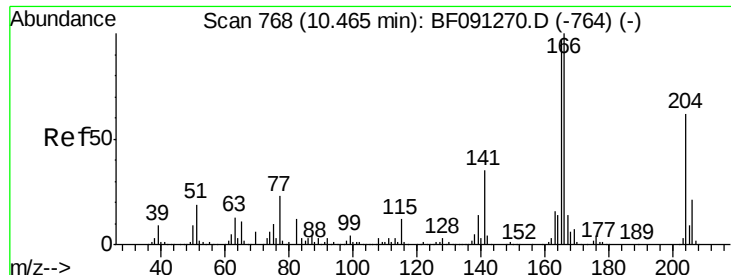
Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:	165	Resp:	333205
Ion Ratio	Lower	Upper	
165	100		
63	41.6	29.0	43.4
89	62.5	43.1	64.7
182	2.3	1.9	2.9





#57

Fluorene

Concen: 39.51 ng

RT: 10.48 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:166 Resp: 966930

Ion Ratio Lower Upper

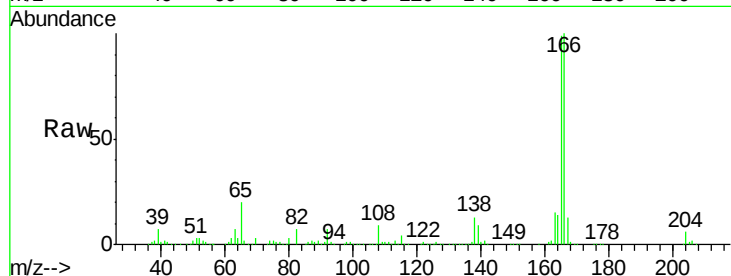
166 100

165 99.2 80.0 120.0

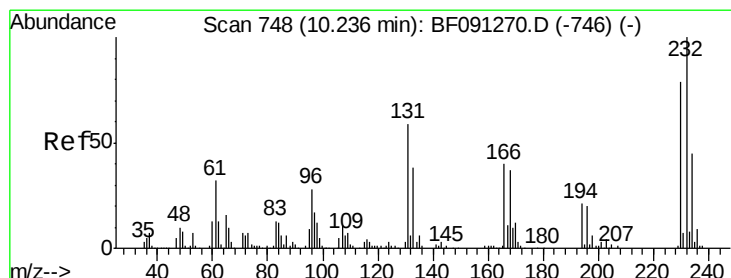
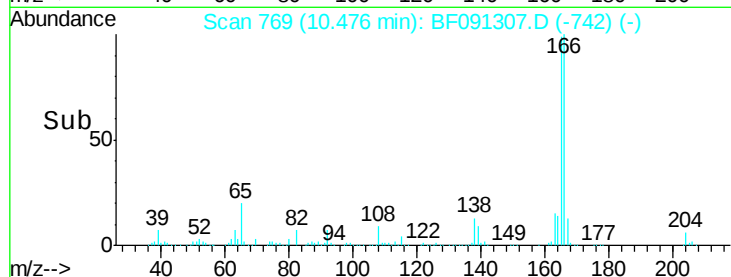
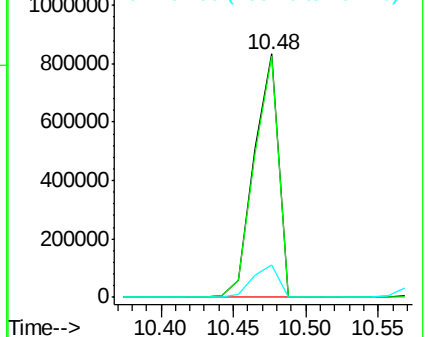
167 13.2 10.8 16.2

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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: 42.44 ng

RT: 10.25 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:232 Resp: 264495

Ion Ratio Lower Upper

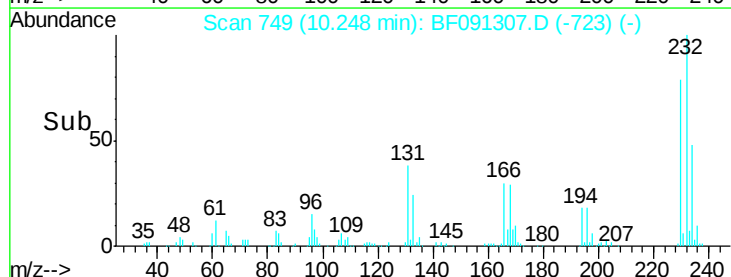
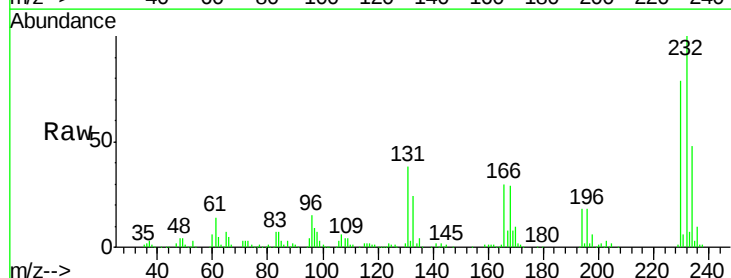
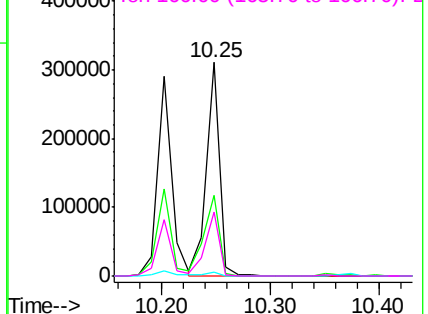
232 100

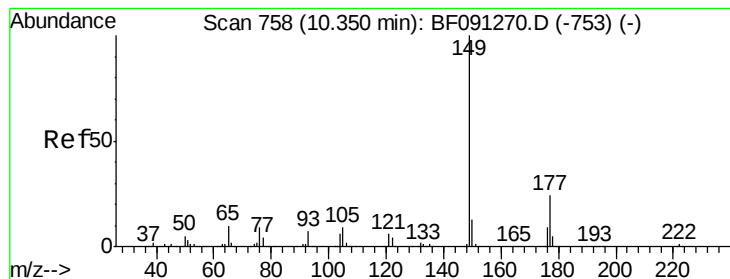
131 43.4 38.4 57.6

130 2.2 1.8 2.8

166 32.0 23.9 35.9

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





#59

Diethylphthalate

Concen: 44.08 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:149 Resp: 1093166

Ion Ratio Lower Upper

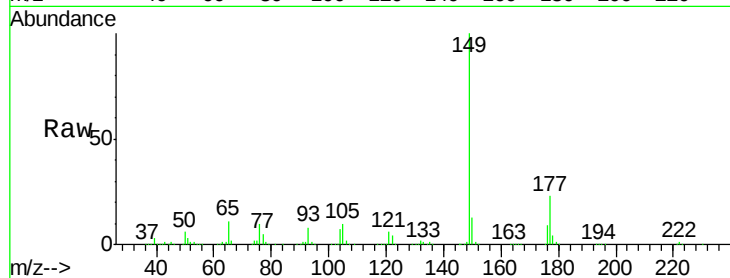
149 100

177 22.5 15.7 23.5

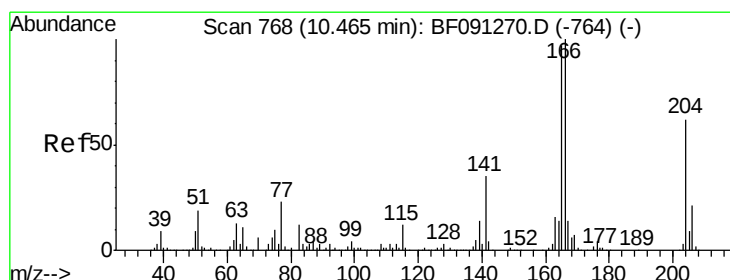
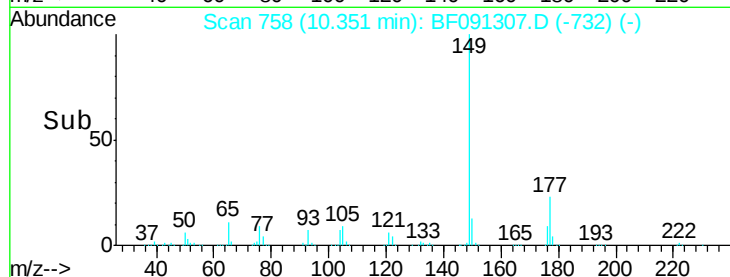
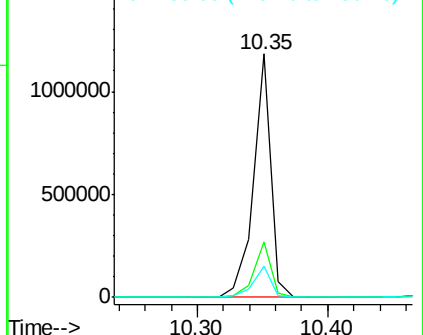
150 12.8 10.2 15.2

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.70 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

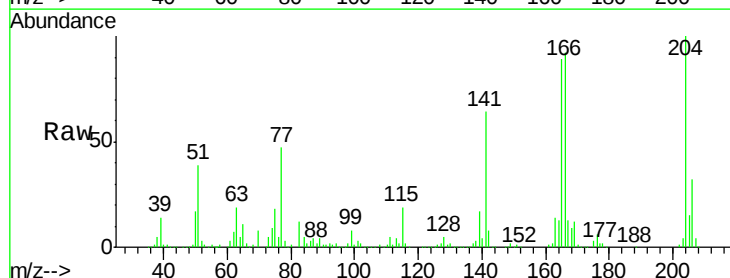
Tgt Ion:204 Resp: 458868

Ion Ratio Lower Upper

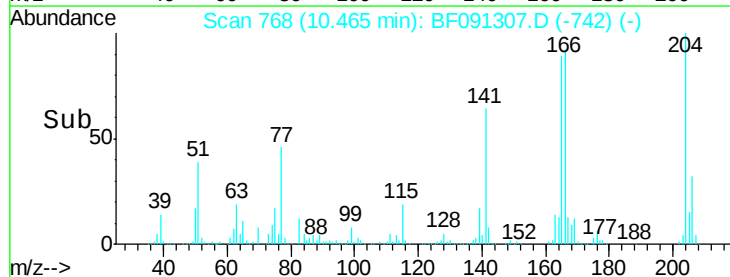
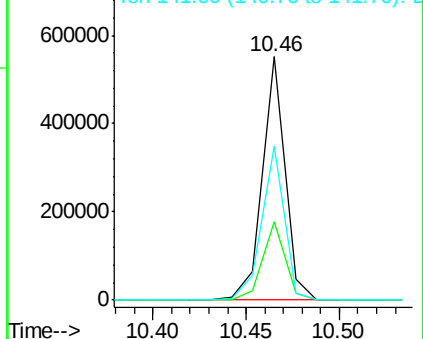
204 100

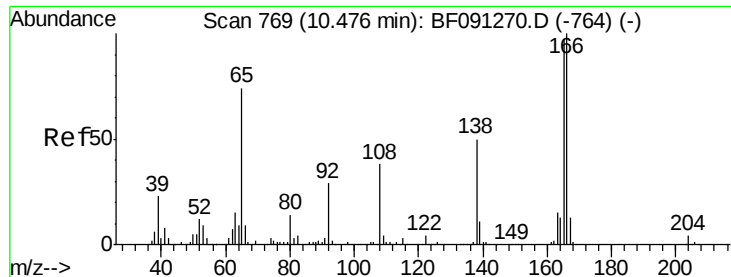
206 32.5 26.1 39.1

141 63.5 40.6 61.0#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.98 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

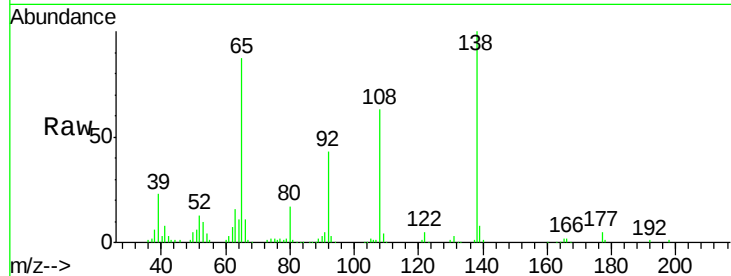
ClientSampleId :

PB94898BSD

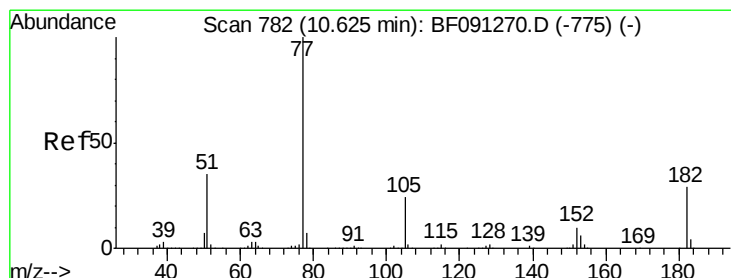
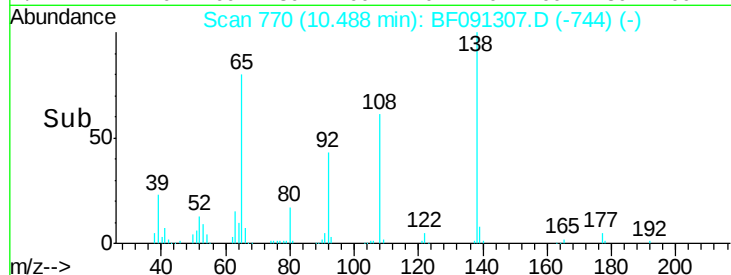
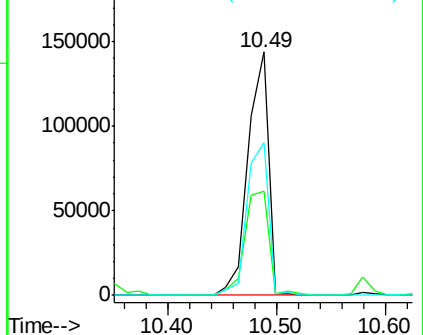
Tot Ion:	138	Resp:	188927
Ion Ratio	Lower	Upper	
138	100		
92	42.8	26.9	66.9
108	62.6	49.1	89.1

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Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.36 ng

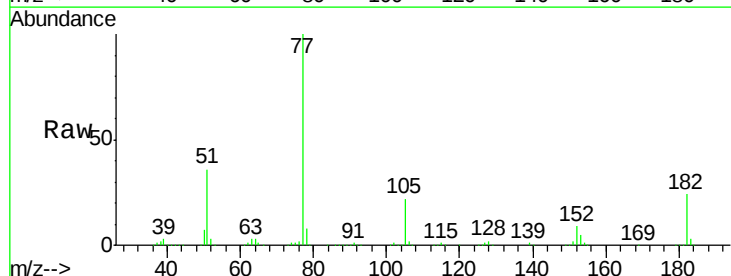
RT: 10.62 min Scan# 782

Delta R.T. -0.00 min

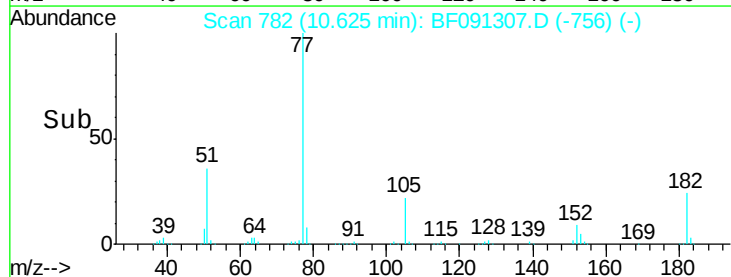
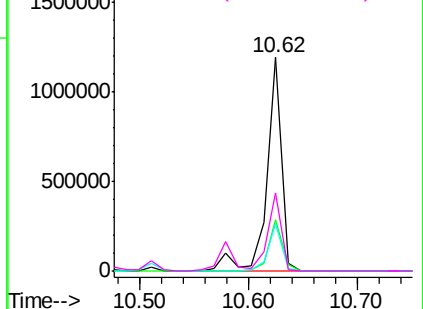
Lab File: BF091307.D

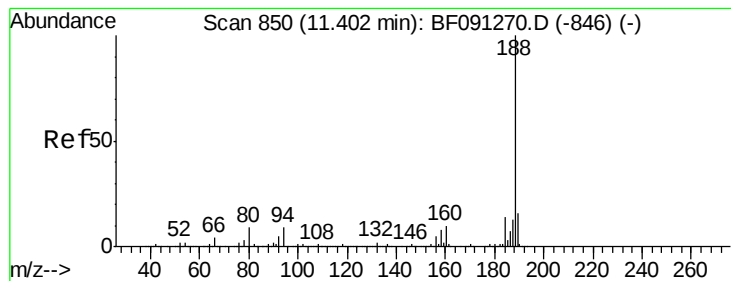
Acq: 24 Nov 2016 10:50

Tgt Ion:	77	Resp:	1141067
Ion Ratio	Lower	Upper	
77	100		
182	23.9	12.5	52.5
105	22.4	3.7	43.7
51	36.3	11.9	51.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:188 Resp: 1057162

Ion Ratio Lower Upper

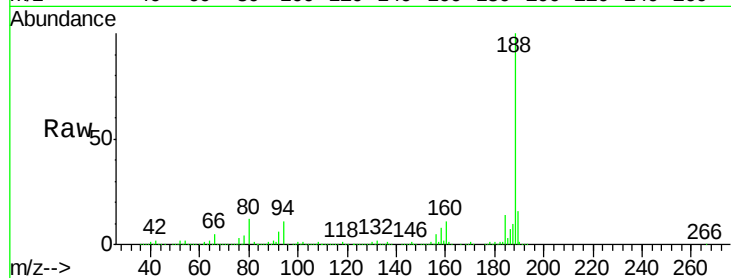
188 100

94 10.9 9.2 13.8

80 12.1 10.5 15.7

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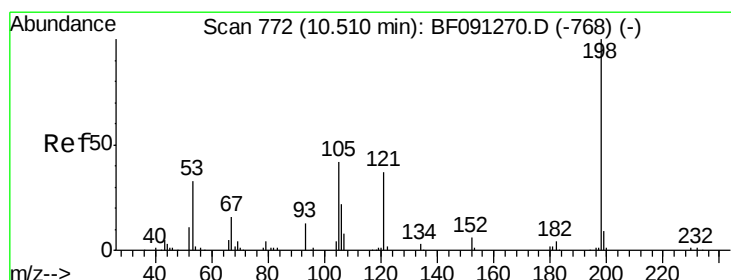
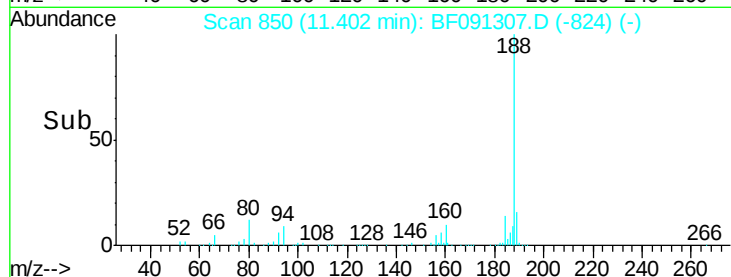
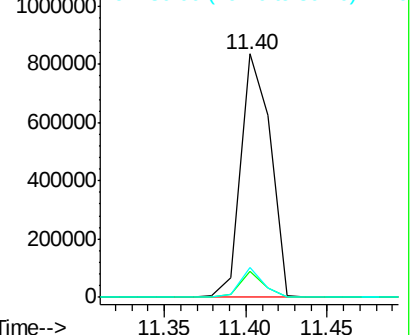
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 29.74 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

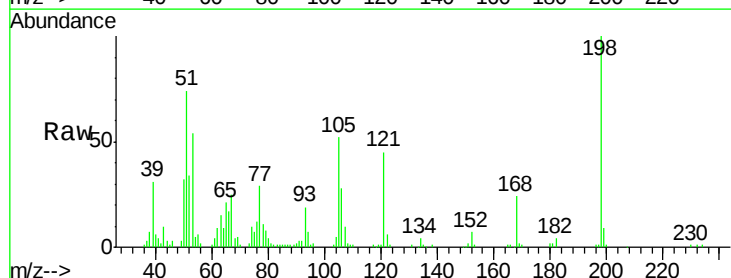
Tgt Ion:198 Resp: 71284

Ion Ratio Lower Upper

198 100

51 73.8 77.1 117.1#

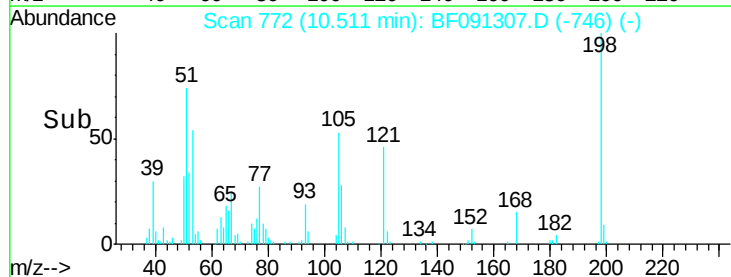
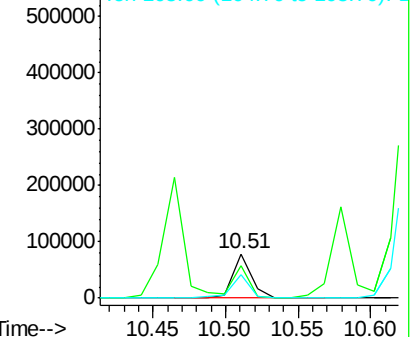
105 52.3 44.8 84.8

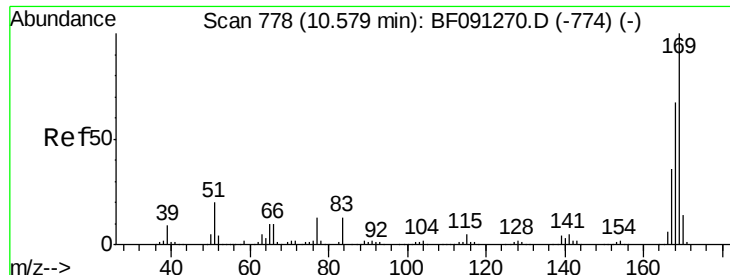


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





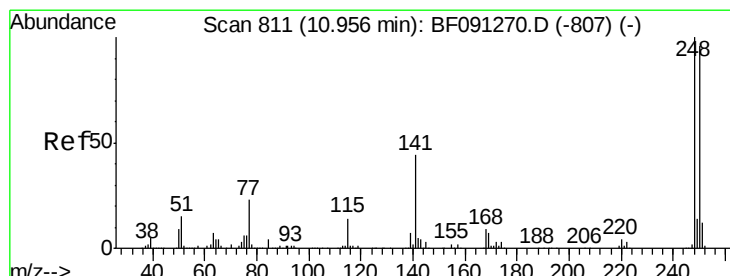
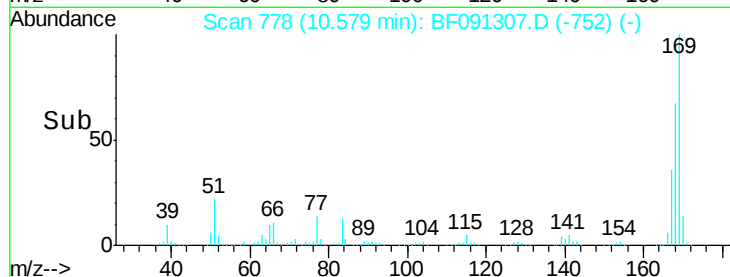
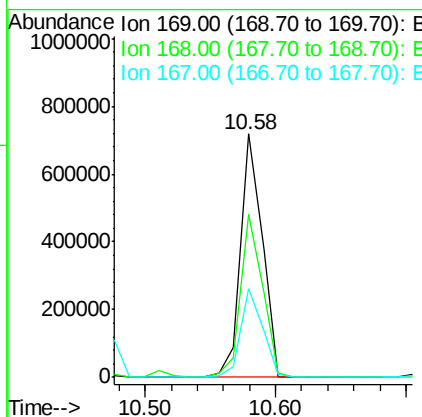
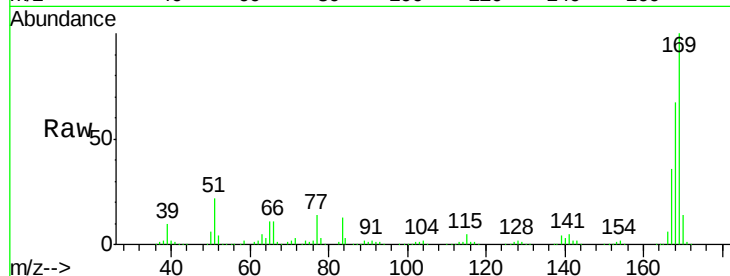
#65
 n-Nitrosodiphenylamine
 Concen: 51.58 ng
 RT: 10.58 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	827704		
168	66.8		53.8	80.8
167	36.4		29.8	44.8

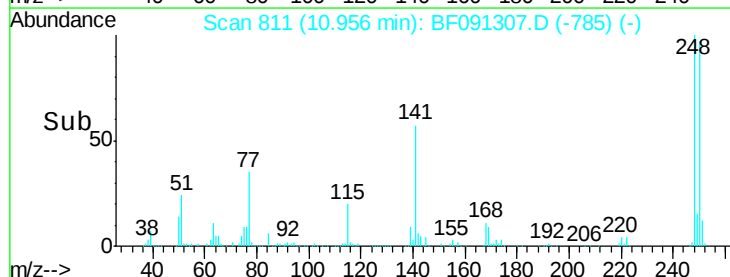
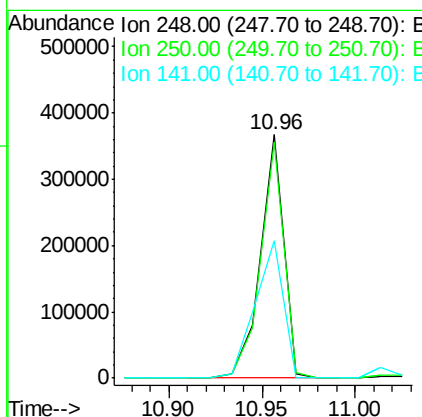
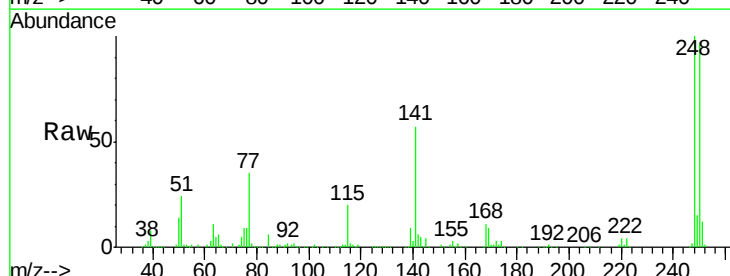
Manual Integrations
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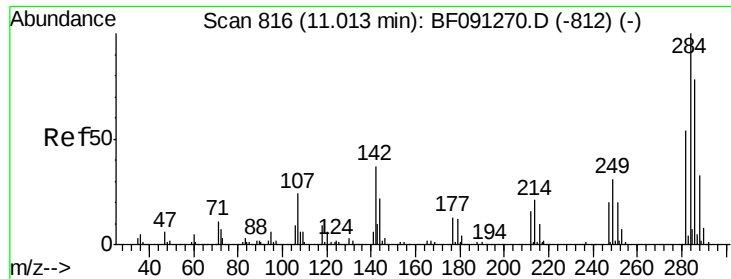
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#66
 4-Bromophenyl-phenylether
 Concen: 54.63 ng
 RT: 10.96 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	315617		
250	96.9		78.2	117.4
141	56.6		71.9	107.9#





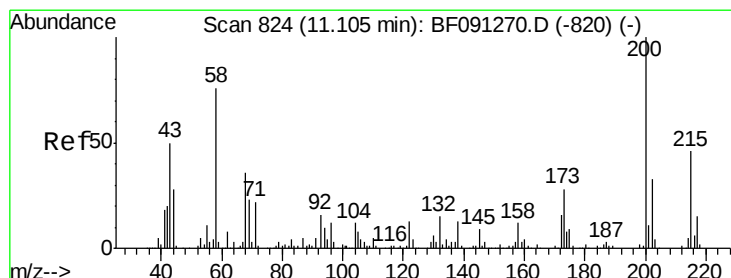
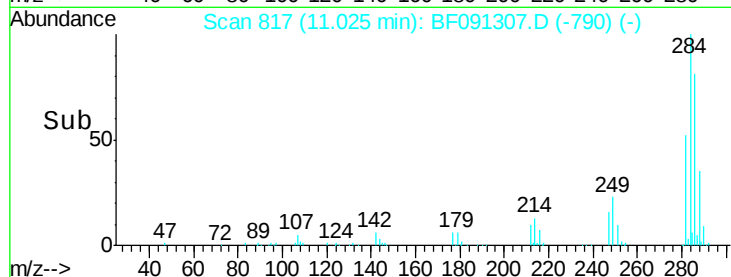
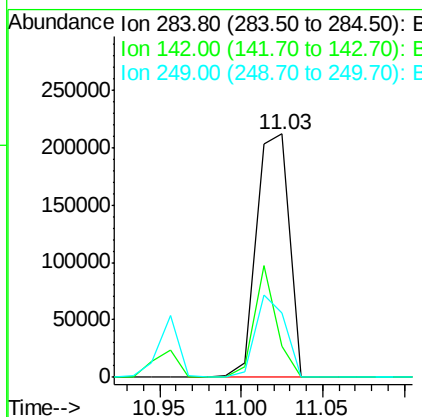
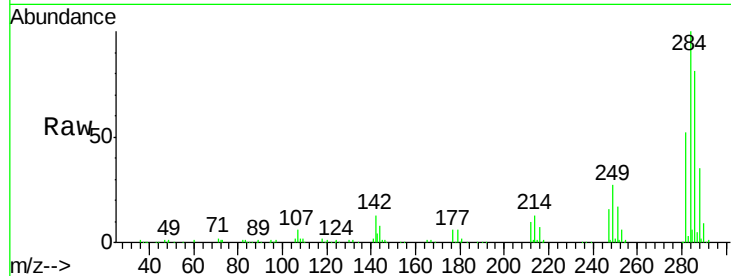
#67
Hexachlorobenzene
Concen: 46.42 ng
RT: 11.03 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	293996		
142	12.9	17.9	26.9#	
249	26.7	23.6	35.4	

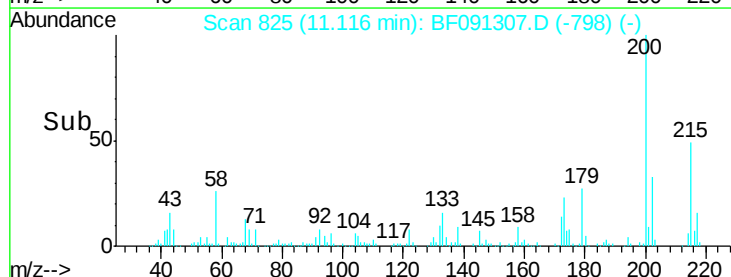
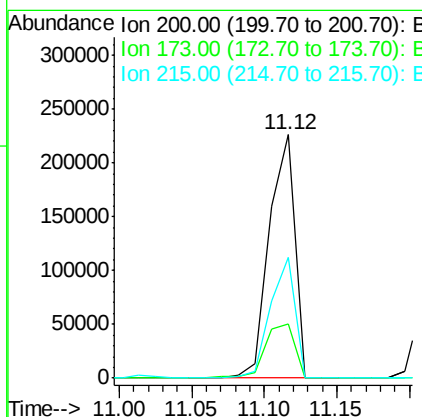
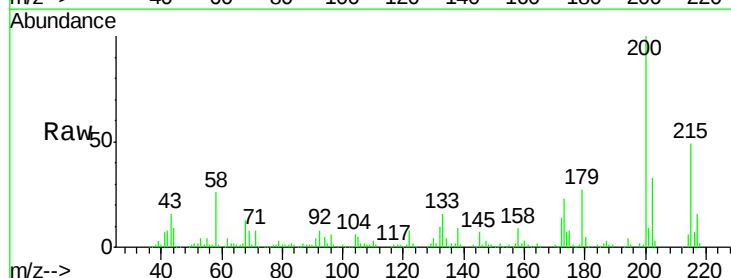
Manual Integrations
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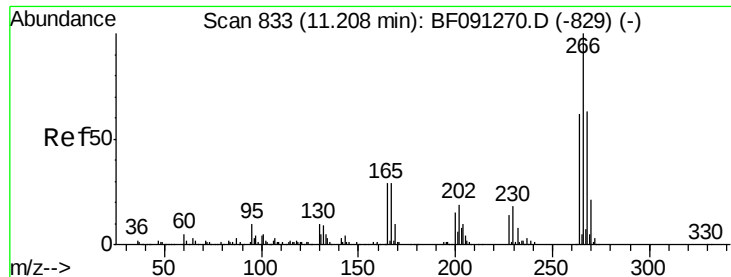
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#68
Atrazine
Concen: 55.64 ng
RT: 11.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	276757		
173	22.5	7.8	47.8	
215	49.4	24.3	64.3	





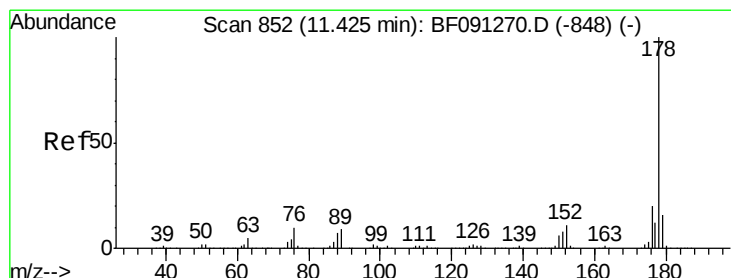
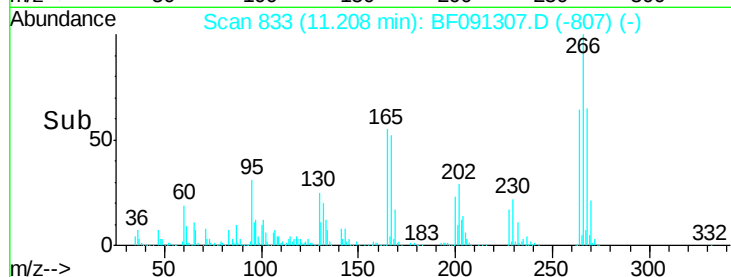
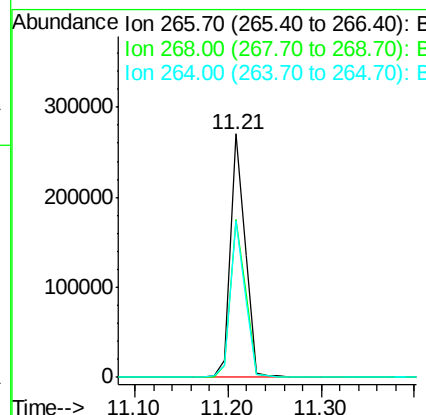
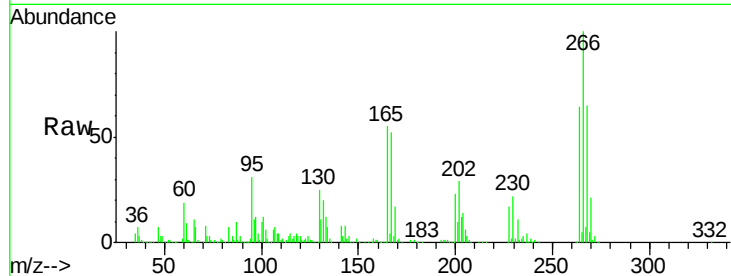
#69
 Pentachlorophenol
 Concen: 80.28 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.3	75.5
264	64.4	48.2	72.2

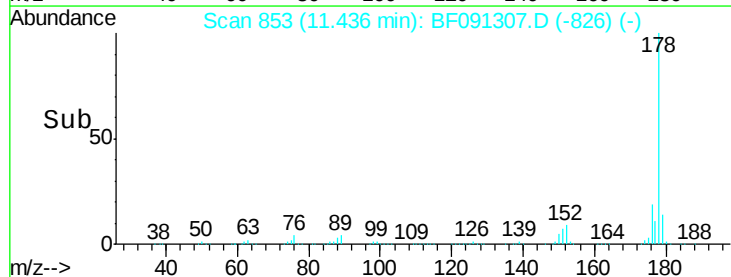
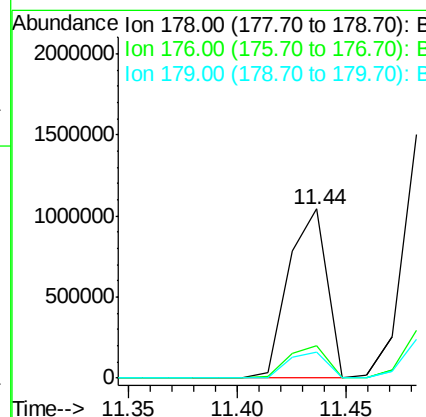
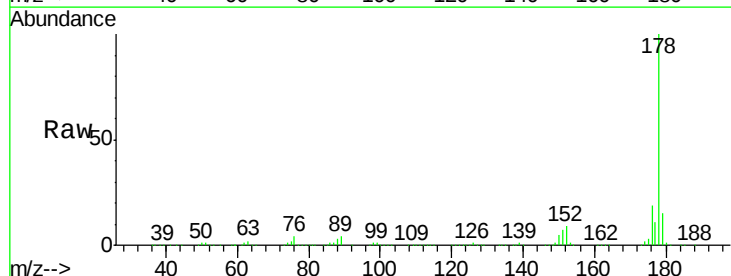
Manual Integrations
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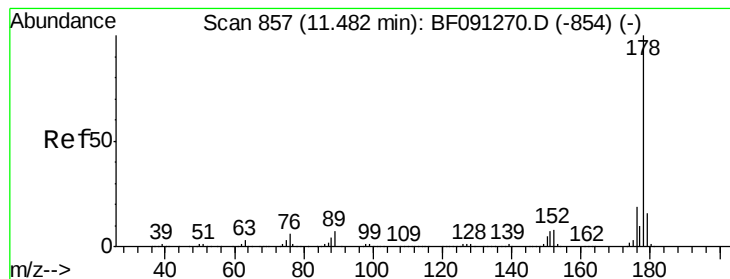
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#70
 Phenanthrene
 Concen: 46.85 ng
 RT: 11.44 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.2	12.6	18.8





#71
 Anthracene
 Concen: 45.54 ng
 RT: 11.48 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

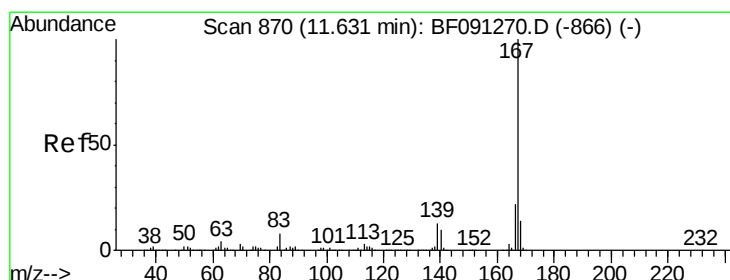
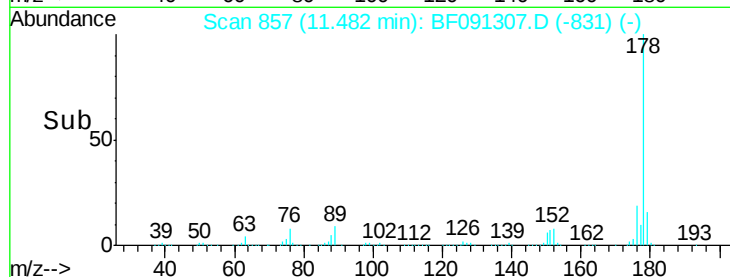
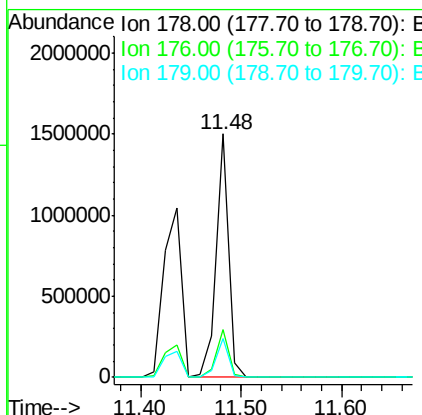
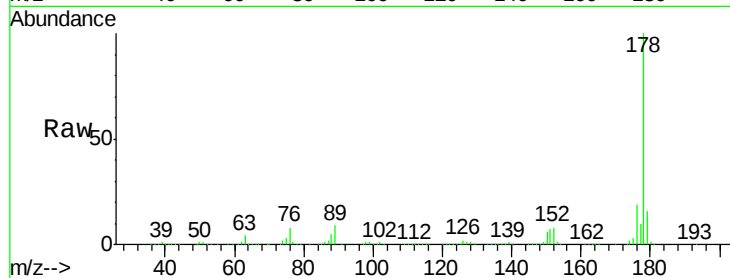
Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion:178 Resp: 1276708

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.9	12.7	19.1

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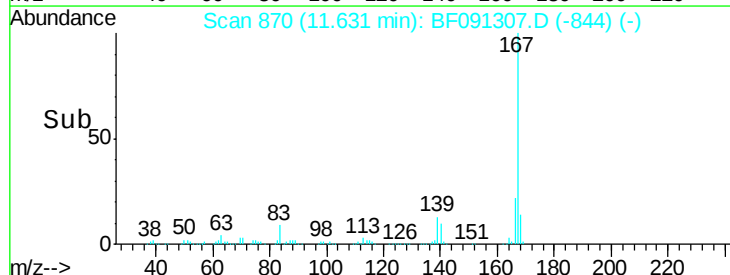
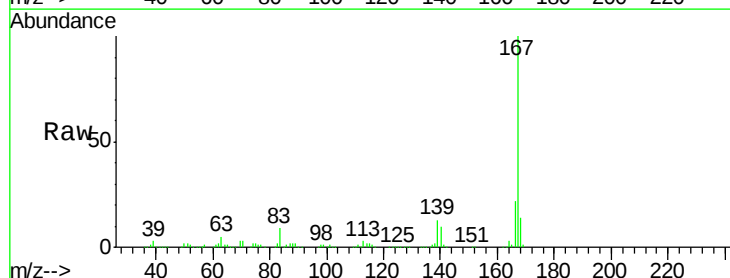
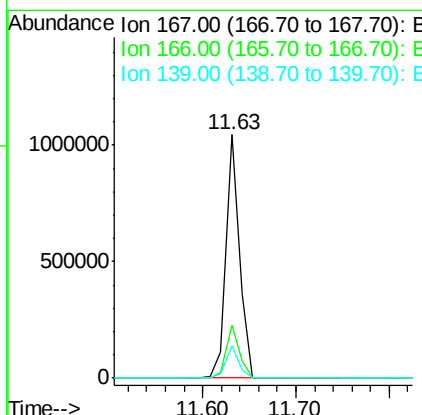
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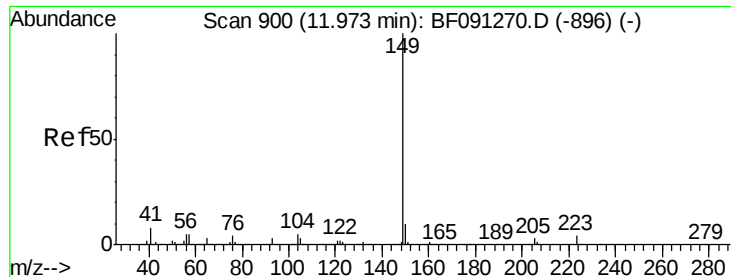


#72
 Carbazole
 Concen: 42.04 ng
 RT: 11.63 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion:167 Resp: 1049088

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.2	11.5	17.3





#73

Di-n-butylphthalate

Concen: 51.51 ng

RT: 11.97 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

ClientSampleId :

PB94898BSD

Tot Ion:149 Resp: 1488529

Ion Ratio Lower Upper

149 100

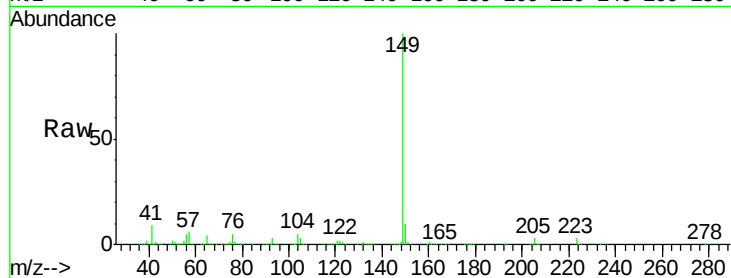
150 9.5 7.5 11.3

104 4.9 4.0 6.0

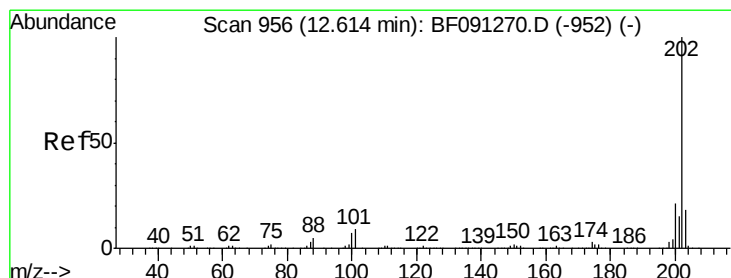
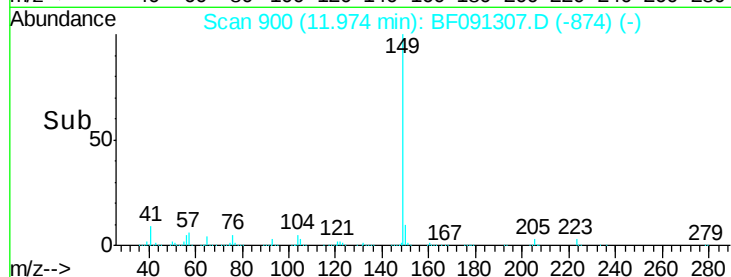
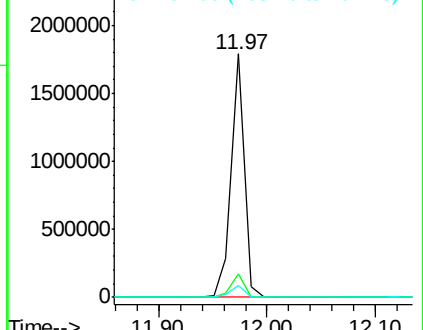
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.50 ng

RT: 12.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

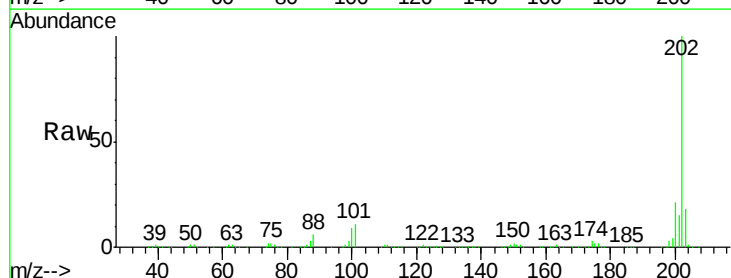
Tgt Ion:202 Resp: 1157458

Ion Ratio Lower Upper

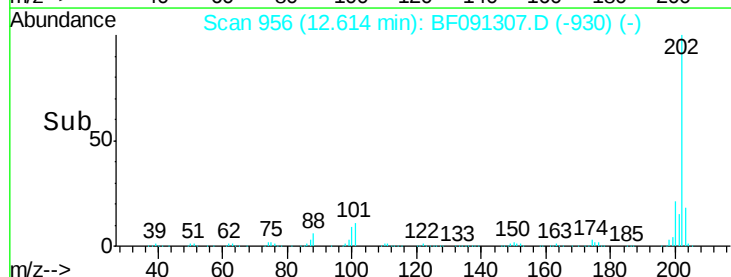
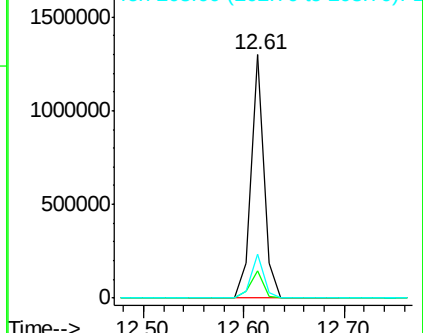
202 100

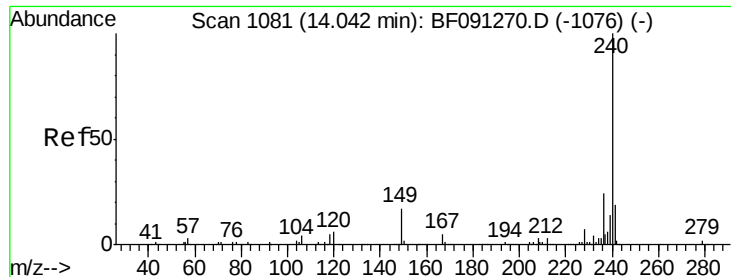
101 11.3 0.0 29.5

203 18.2 0.0 37.8



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: 40.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

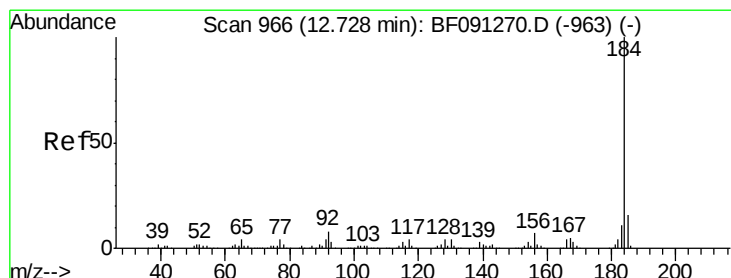
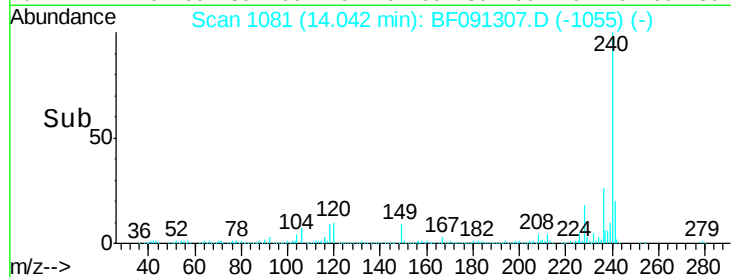
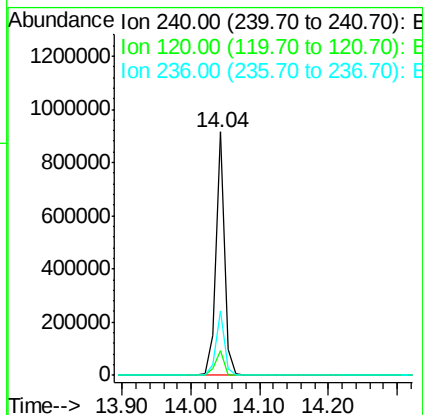
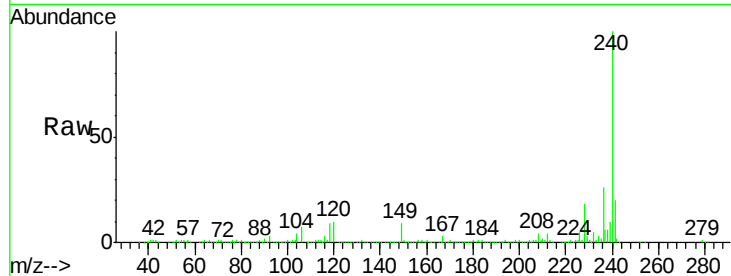
ClientSampleId :

PB94898BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	12.1	18.1#
236	26.2	21.0	31.6

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#76

Benzidine

Concen: 67.04 ng

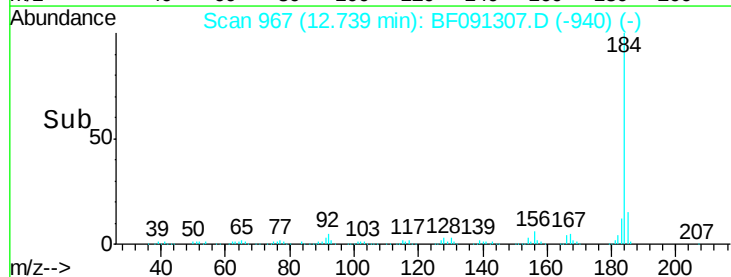
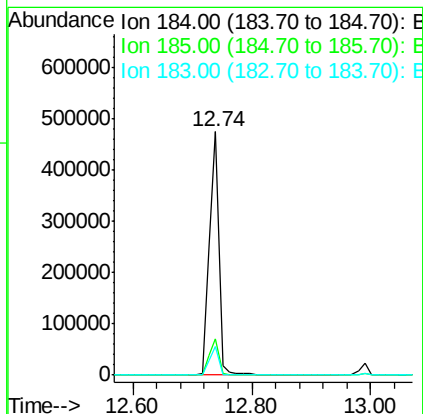
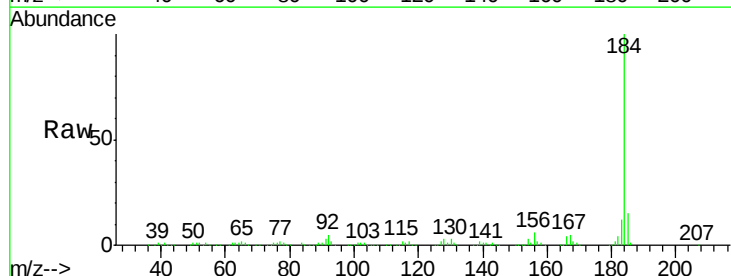
RT: 12.74 min Scan# 967

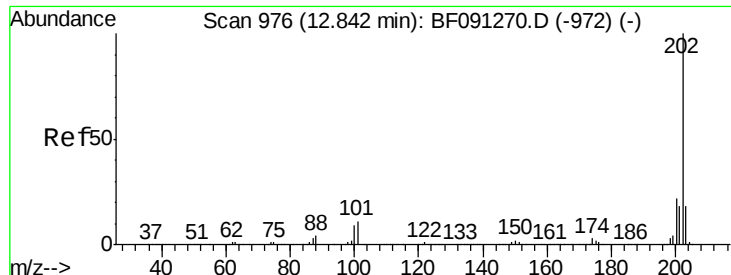
Delta R.T. 0.01 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	13.1	19.7
183	12.0	8.9	13.3





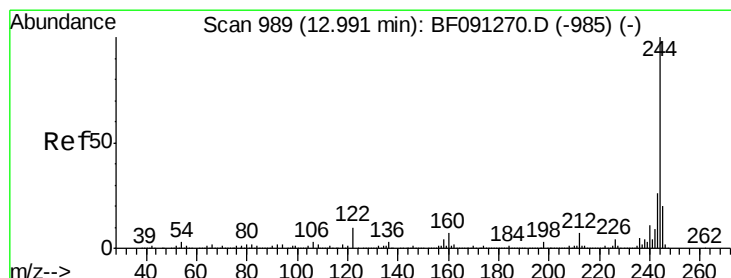
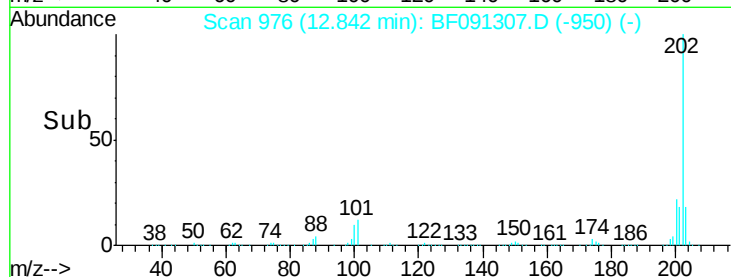
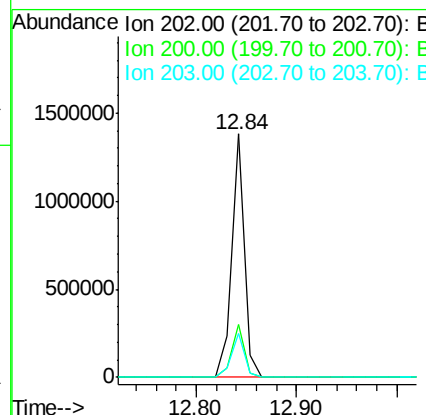
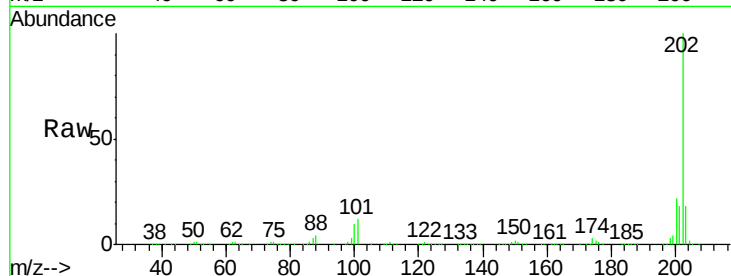
#77
Pvrene
Concen: 40.35 ng
RT: 12.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.0	14.0	21.0

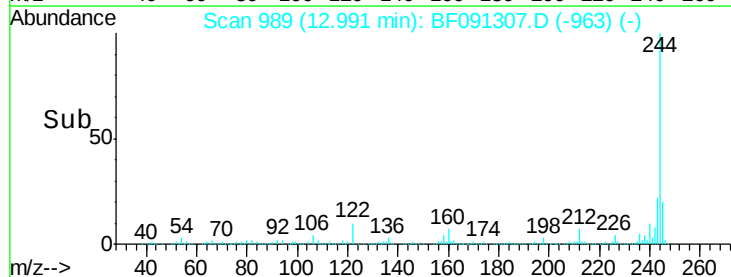
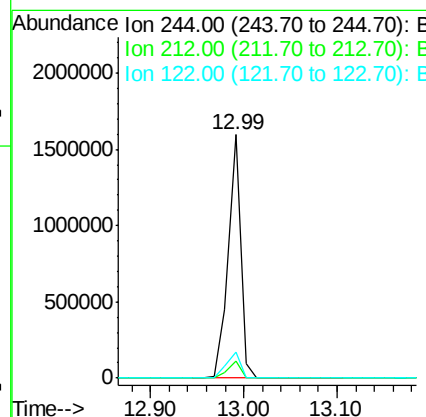
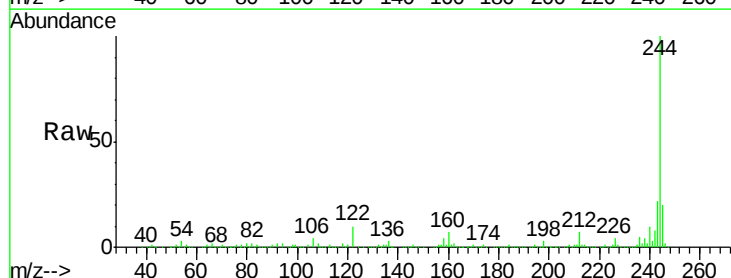
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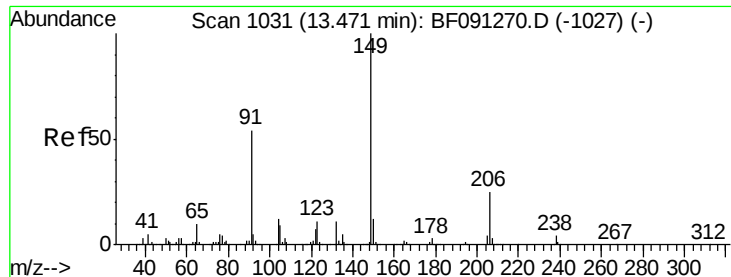
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#78
Terphenyl-d14
Concen: 83.22 ng
RT: 12.99 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	10.4	9.5	14.3





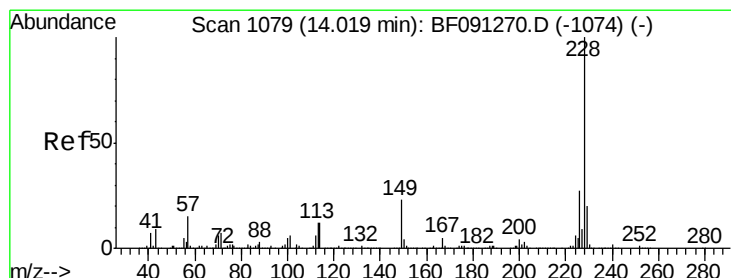
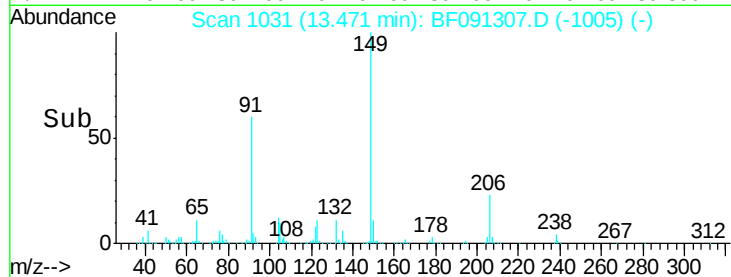
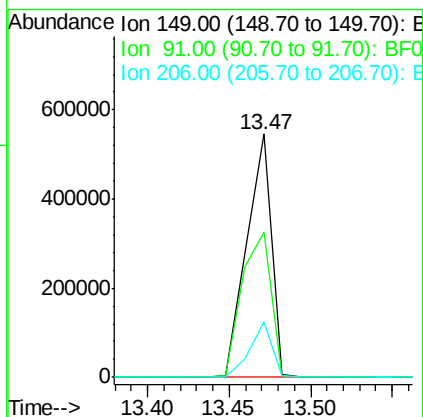
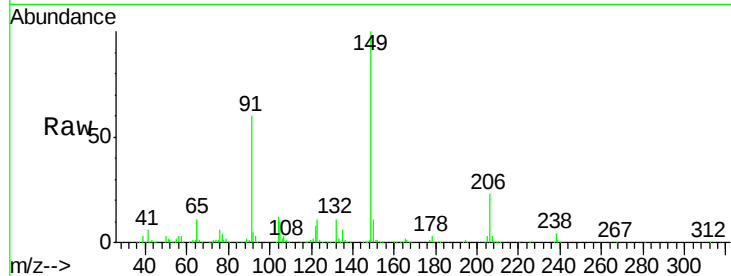
#79
Butylbenzylphthalate
Concen: 47.70 ng
RT: 13.47 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	571293		
91	59.7		57.4	86.2
206	23.0		15.4	23.2

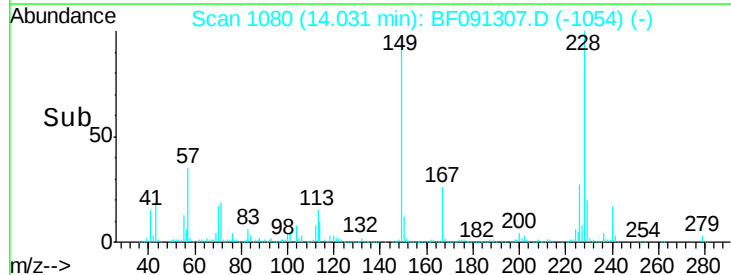
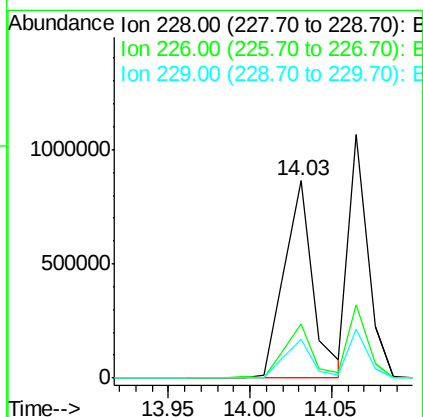
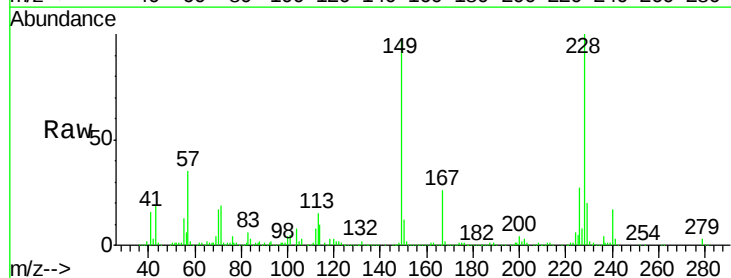
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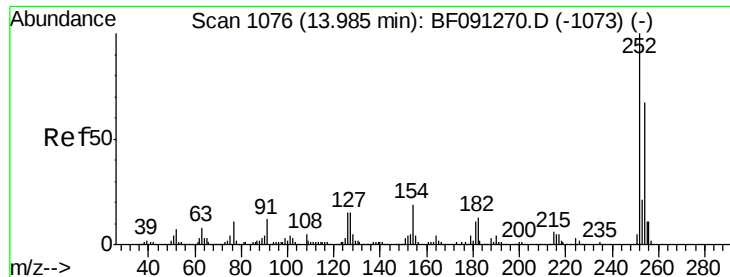
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#80
Benzo(a)anthracene
Concen: 46.38 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1066235		
226	27.3		22.5	33.7
229	19.8		16.4	24.6





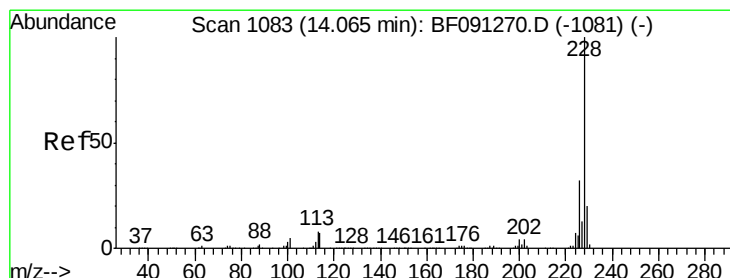
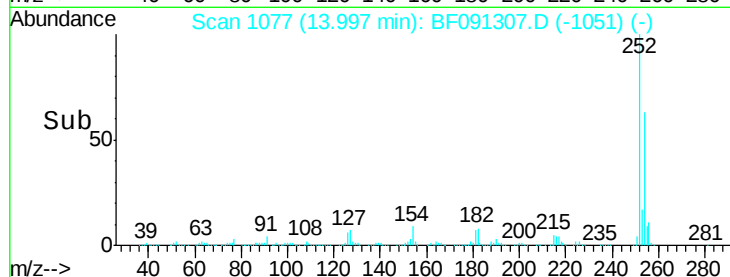
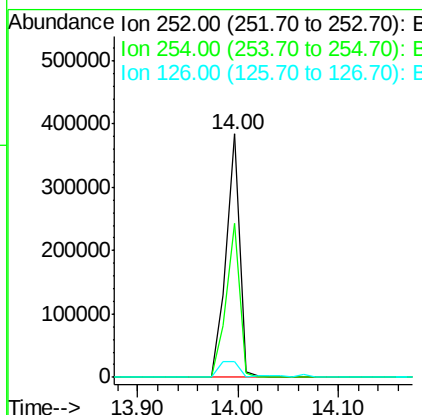
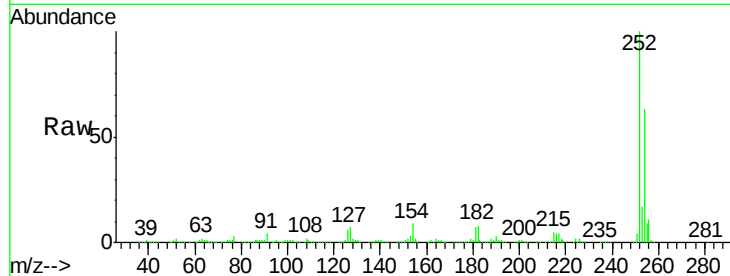
#81
 3,3'-Dichlorobenzidine
 Concen: 47.97 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.1	78.1
126	6.4	7.5	11.3

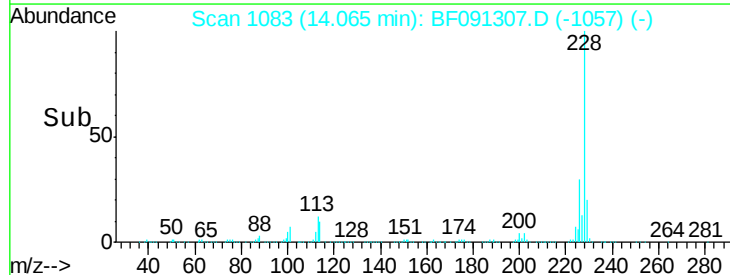
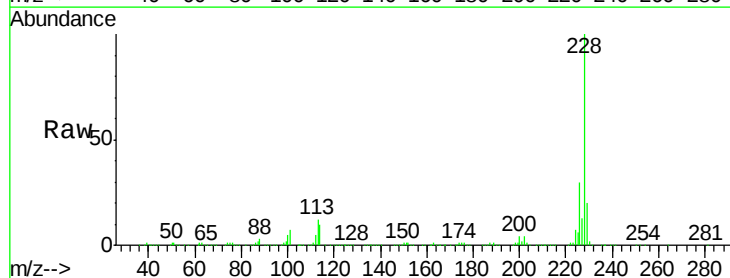
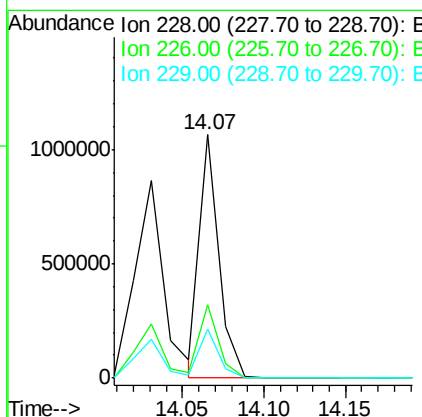
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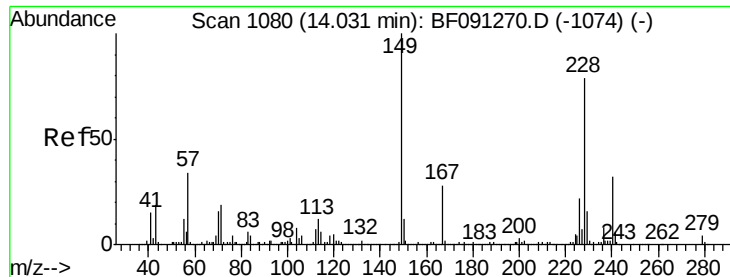
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#82
 Chrysene
 Concen: 41.14 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.4
229	20.3	16.0	24.0





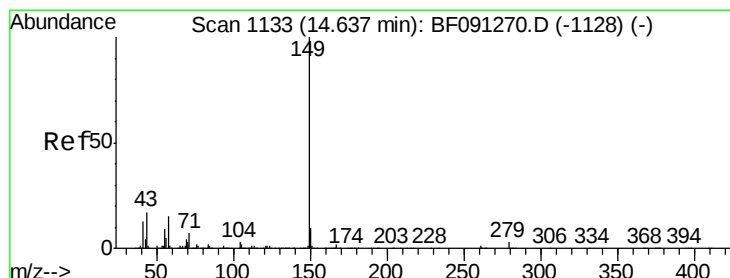
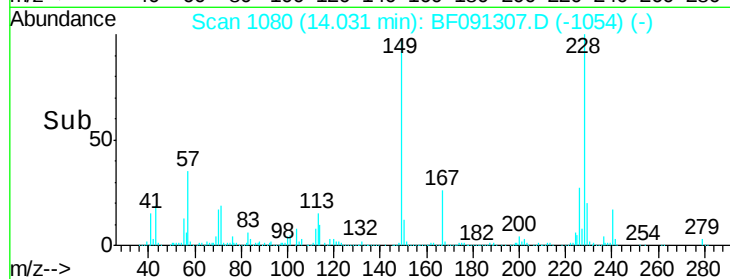
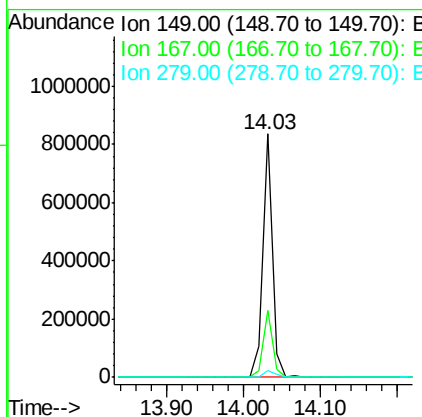
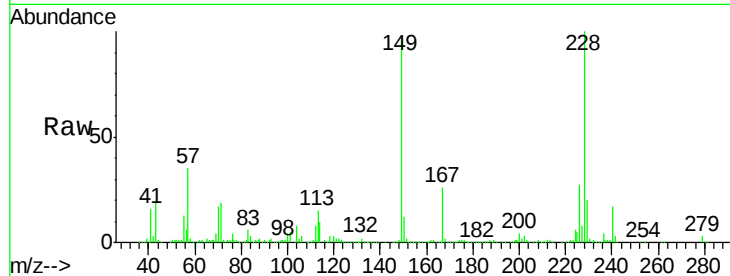
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.64 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	710345		
167	27.3		19.6	29.4
279	3.0		1.9	2.9#

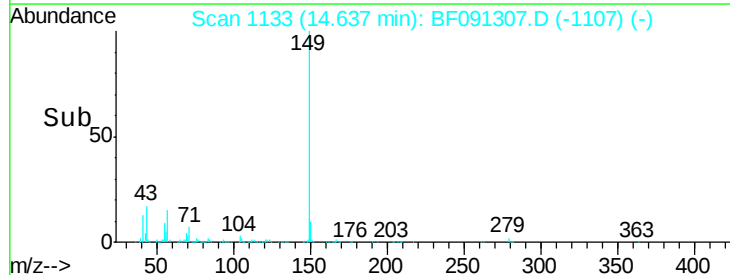
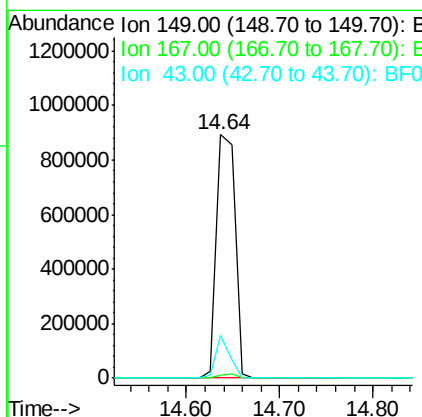
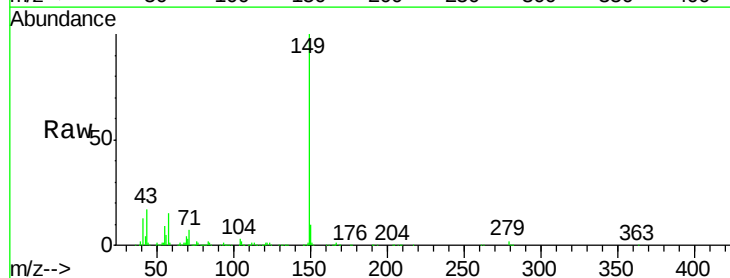
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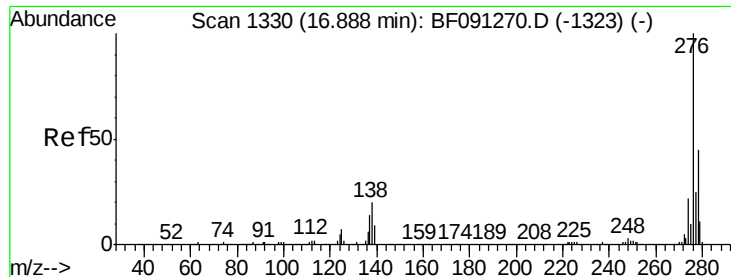
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#84
 Di-n-octyl phthalate
 Concen: 52.66 ng
 RT: 14.64 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1235914		
167	1.6		1.3	1.9
43	12.9		11.9	17.9





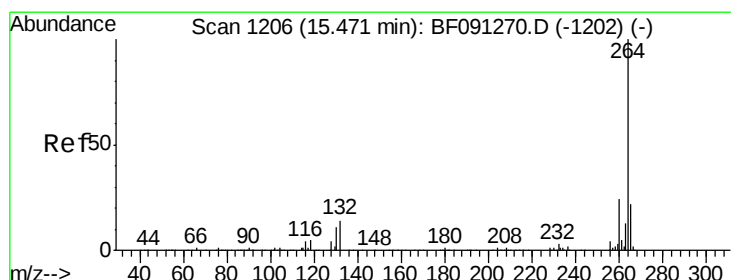
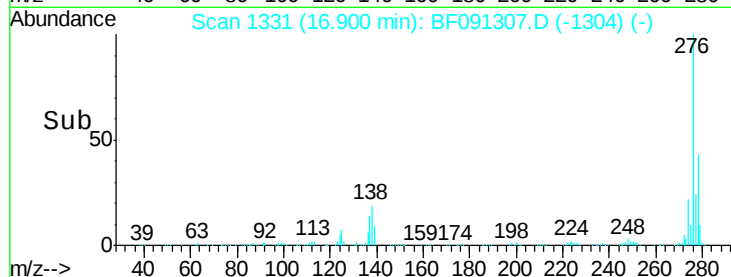
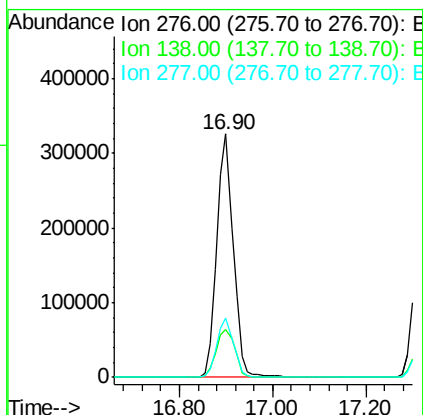
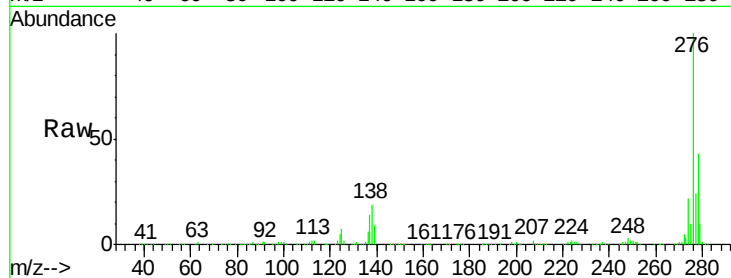
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.63 ng
RT: 16.90 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.0	31.4
277	24.8	20.2	30.2

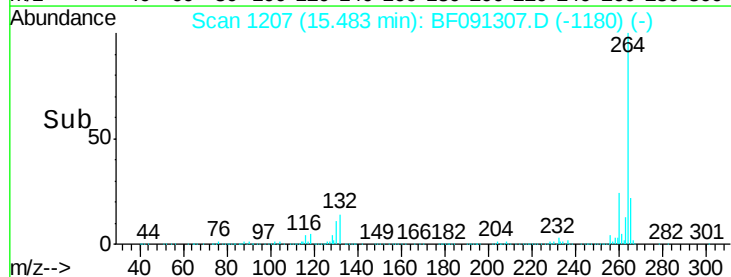
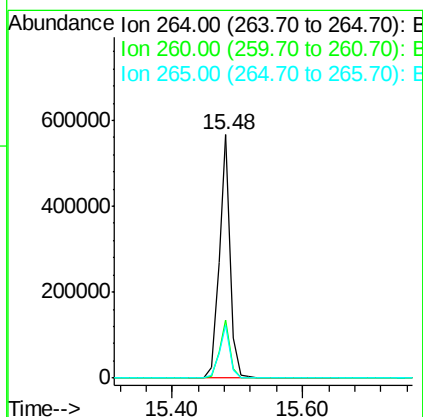
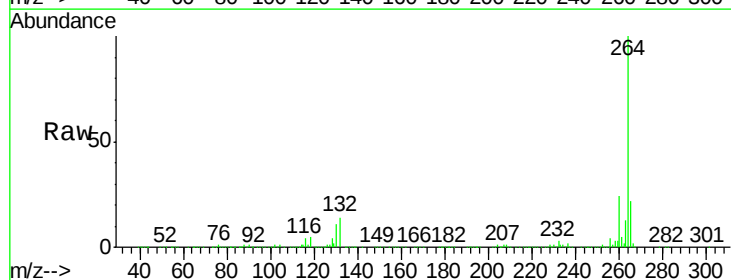
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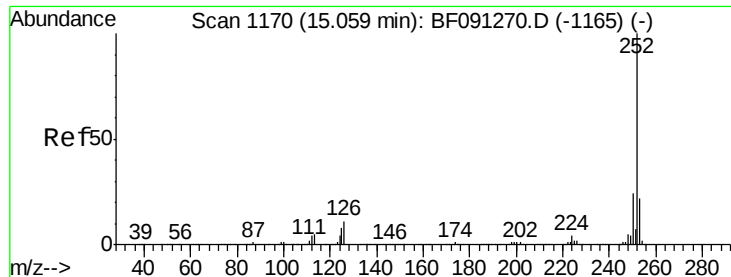
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#86
Perylene-d12
Concen: 40.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.7	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 52.29 ng m

RT: 15.06 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Instrument :

BNA_F

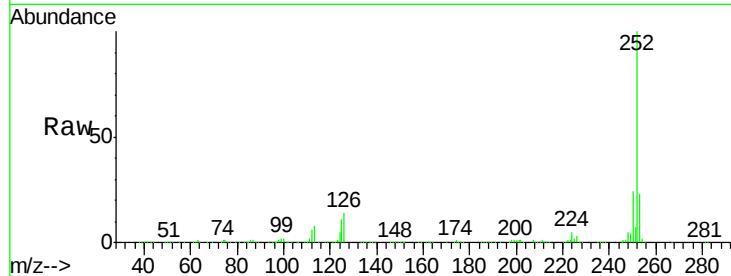
ClientSampleId :

PB94898BSD

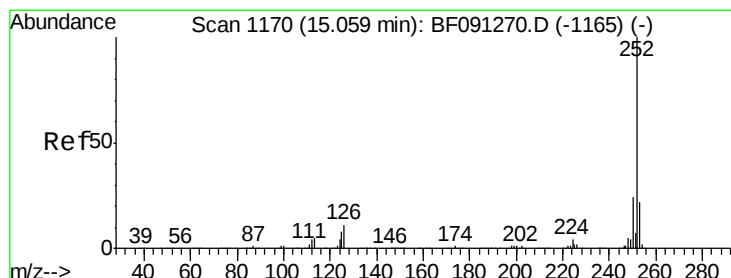
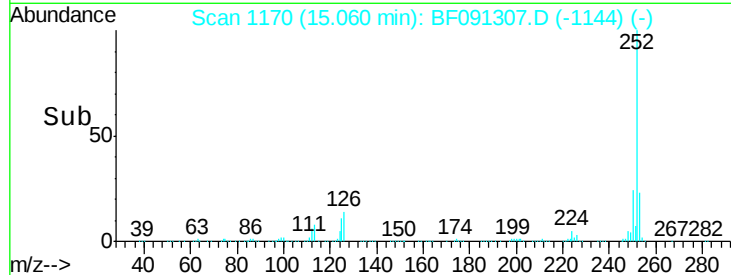
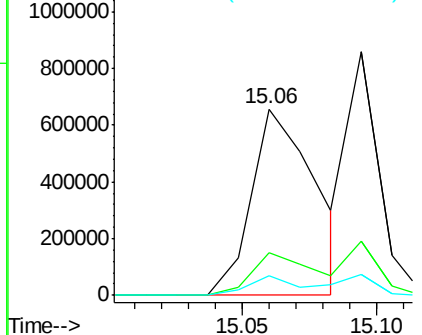
Tot Ion:	252	Resp:	1096371
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.7	8.6	13.0

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



#88

Benzo(k)fluoranthene

Concen: 40.99 ng m

RT: 15.09 min Scan# 1173

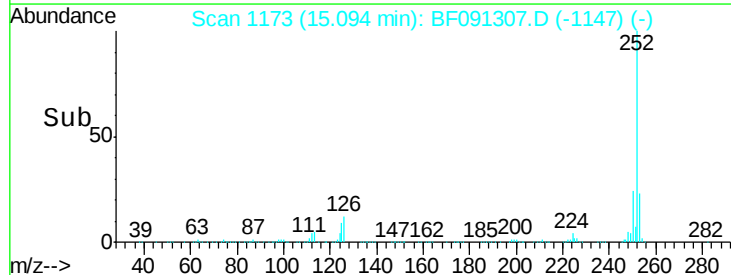
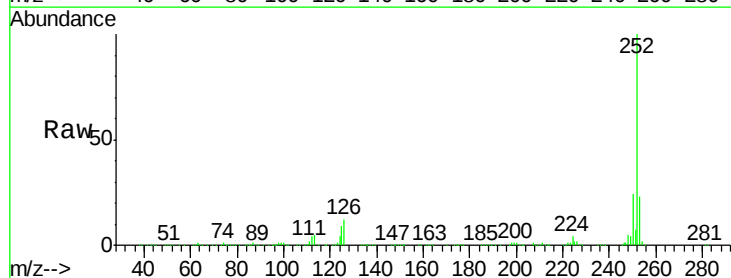
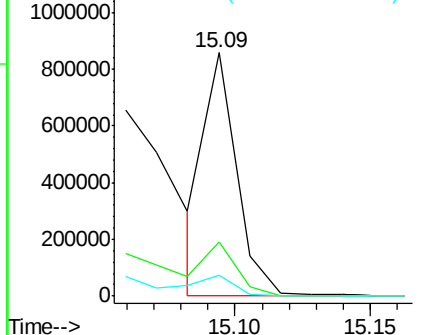
Delta R.T. -0.00 min

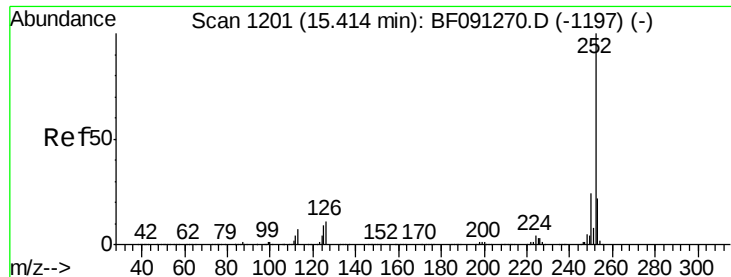
Lab File: BF091307.D

Acq: 24 Nov 2016 10:50

Tgt Ion:	252	Resp:	701874
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.7	9.6	14.4#

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





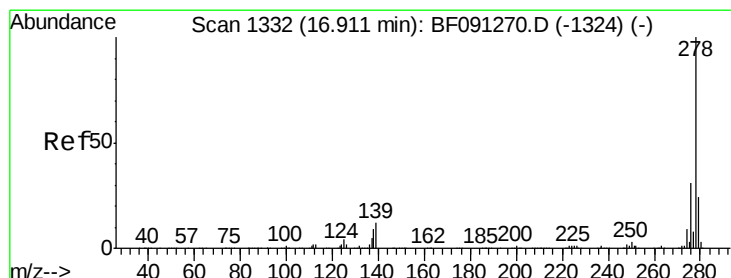
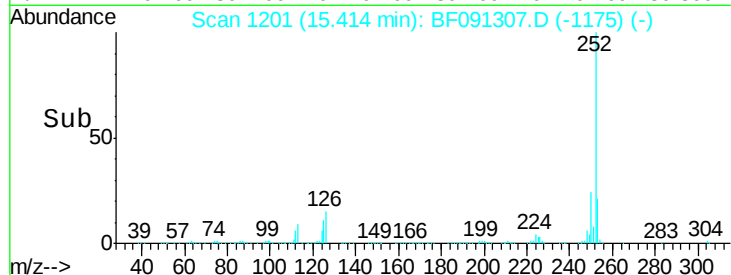
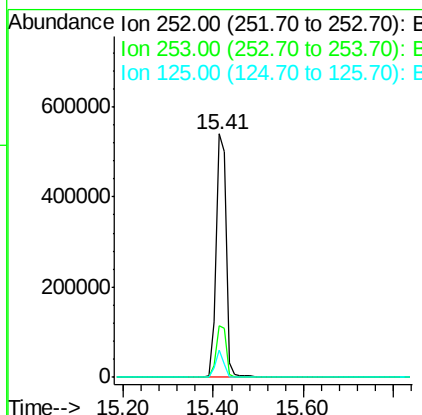
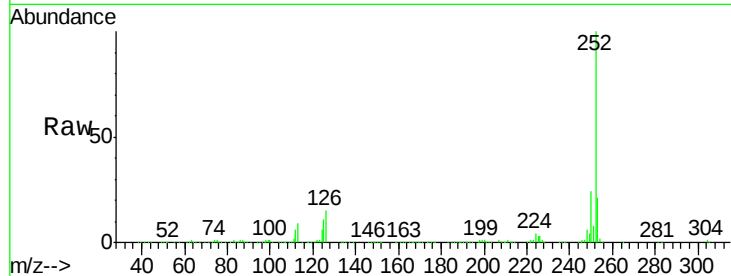
#89
Benzo(a)pyrene
Concen: 47.10 ng
RT: 15.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Instrument :
BNA_F
ClientSampleId :
PB94898BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	11.4	10.4	15.6

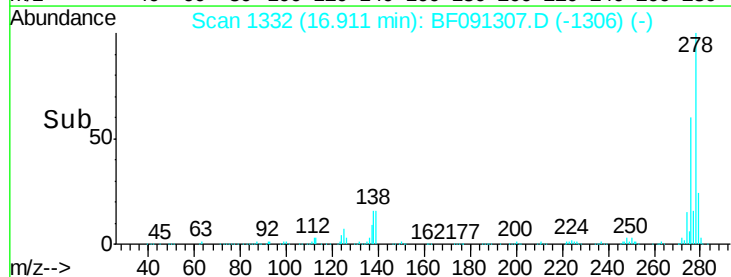
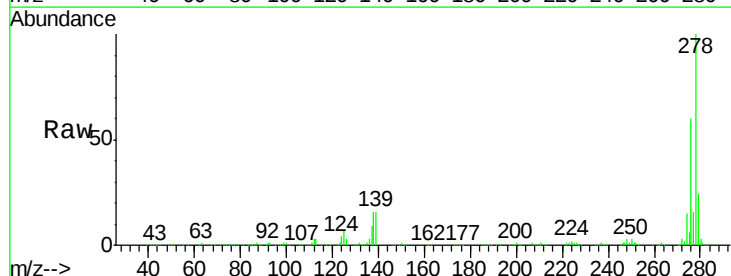
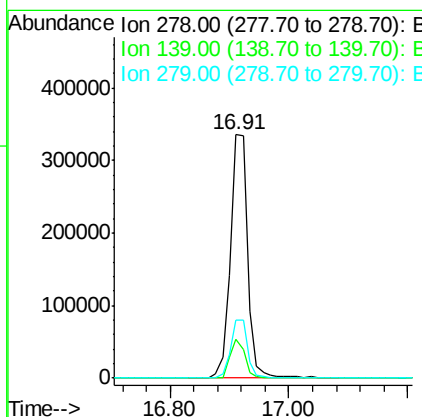
Manual Integrations
APPROVED

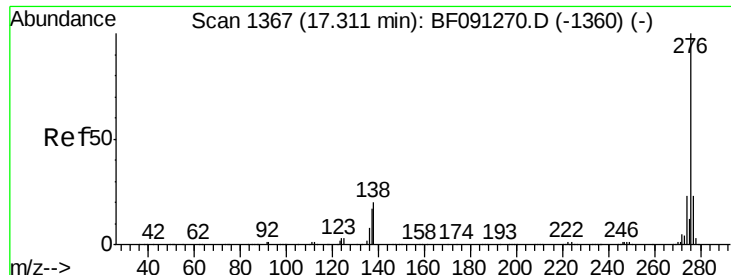
sohil
11/28/2016 5:18:44 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.96 ng
RT: 16.91 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF091307.D
Acq: 24 Nov 2016 10:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	15.1	22.7
279	24.0	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 39.53 ng
 RT: 17.32 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BF091307.D
 Acq: 24 Nov 2016 10:50

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	20.1	15.4	23.0

Manual Integrations
 APPROVED

sohil
 11/28/2016 5:18:44 PM

