

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112316\
 Data File : BF091306.D
 Acq On : 24 Nov 2016 10:22
 Operator : UM/SJ
 Sample : PB94898BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleID :
 PB94898BS

Manual Integrations
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Quant Time: Nov 25 04:50:35 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	373368	40.00	ng	0.01
21) Naphthalene-d8	8.17	136	1381390	40.00	ng	0.00
38) Acenaphthene-d10	9.93	164	772136	40.00	ng	0.00
63) Phenanthrene-d10	11.40	188	1055860	40.00	ng	0.00
75) Chrysene-d12	14.04	240	805276	40.00	ng	0.00
86) Perylene-d12	15.48	264	662347	40.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1284373	110.54	ng	0.02
7) Phenol-d6	6.52	99	1847342	123.75	ng	0.01
23) Nitrobenzene-d5	7.45	82	1120506	93.39	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	427196	109.73	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2022577	85.78	ng	0.00
78) Terphenyl-d14	12.99	244	1418924	80.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	191057	34.86	ng	87
3) Pyridine	3.32	79	550416	37.37	ng	89
4) n-Nitrosodimethylamine	3.26	42	344446	42.71	ng	94
6) Aniline	6.54	93	581406	30.47	ng	# 70
8) 2-Chlorophenol	6.67	128	564778	44.62	ng	94
9) Benzaldehyde	6.42	77	33228	2.46	ng	97
10) Phenol	6.53	94	711021	42.69	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	566190	46.24	ng	89
12) 1,3-Dichlorobenzene	6.82	146	547476m	39.67	ng	
13) 1,4-Dichlorobenzene	6.90	146	579445	41.02	ng	97
14) 1,2-Dichlorobenzene	7.06	146	535492m	39.96	ng	
15) Benzyl Alcohol	7.02	79	500803	43.20	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1043438	38.87	ng	71
17) 2-Methylphenol	7.14	107	454917	45.43	ng	# 76
18) Hexachloroethane	7.40	117	186923	37.17	ng	90
19) n-Nitroso-di-n-propylamine	7.30	70	382070	40.80	ng	# 97
20) 3+4-Methylphenols	7.29	107	505158	41.09	ng	# 71
22) Acetophenone	7.30	105	753513	48.35	ng	96
24) Nitrobenzene	7.47	77	588255	46.34	ng	# 72
25) Isophorone	7.71	82	1090922	48.67	ng	97
26) 2-Nitrophenol	7.78	139	244720	48.06	ng	98
27) 2,4-Dimethylphenol	7.82	122	546031	51.10	ng	94
28) bis(2-Chloroethoxy)methane	7.92	93	630306	47.24	ng	99
29) 2,4-Dichlorophenol	8.03	162	446614	47.30	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	492821	45.31	ng	98
31) Naphthalene	8.19	128	1472183	44.31	ng	100
32) Benzoic acid	7.94	122	292821	34.80	ng	92
33) 4-Chloroaniline	8.24	127	333367	23.06	ng	99
34) Hexachlorobutadiene	8.32	225	299235	46.53	ng	98
35) Caprolactam	8.60	113	137740	47.32	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	442060	43.56	ng	99
37) 2-Methylnaphthalene	8.89	142	1009059	44.25	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	451828	43.19	ng	98
40) Hexachlorocyclopentadiene	9.04	237	195251	41.69	ng	100

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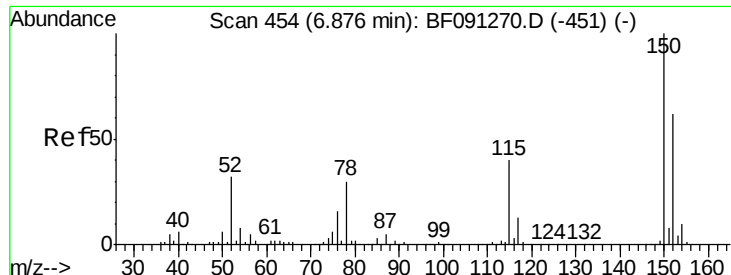
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	346212	47.98	nq	97
43) 2,4,5-Trichlorophenol	9.21	196	296853	42.82	nq	93
45) 1,1'-Biphenyl	9.34	154	1090060	39.16	nq	98
46) 2-Chloronaphthalene	9.37	162	834347	40.92	nq	98
47) 2-Nitroaniline	9.46	65	280506	40.54	nq	# 76
48) Acenaphthylene	9.79	152	1345912	41.19	nq	100
49) Dimethylphthalate	9.65	163	1121142	46.51	nq	98
50) 2,6-Dinitrotoluene	9.71	165	255048	48.44	nq	# 71
51) Acenaphthene	9.96	154	931947	41.91	nq	97
52) 3-Nitroaniline	9.87	138	166772	29.46	nq	89
53) 2,4-Dinitrophenol	9.97	184	80390	48.80	nq	# 86
54) Dibenzofuran	10.13	168	1284112	41.05	nq	91
55) 4-Nitrophenol	10.03	139	310545	76.06	nq	98
56) 2,4-Dinitrotoluene	10.11	165	316616	47.52	nq	94
57) Fluorene	10.48	166	915162	38.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	253621	41.61	nq	94
59) Diethylphthalate	10.35	149	1047374	43.18	nq	97
60) 4-Chlorophenyl-phenylether	10.46	204	433420	39.31	nq	# 87
61) 4-Nitroaniline	10.49	138	203680	38.56	nq	98
62) Azobenzene	10.62	77	1097724	44.62	nq	90
64) 4,6-Dinitro-2-methylphenol	10.51	198	60990	25.47	nq	# 82
65) n-Nitrosodiphenylamine	10.58	169	775975	48.41	nq	99
66) 4-Bromophenyl-phenylether	10.96	248	306464	53.11	nq	# 83
67) Hexachlorobenzene	11.02	284	280919	44.41	nq	# 89
68) Atrazine	11.12	200	256755	49.01	nq	90
69) Pentachlorophenol	11.21	266	294396	78.67	nq	97
70) Phenanthrene	11.44	178	1265362	46.20	nq	99
71) Anthracene	11.48	178	1227772	43.85	nq	99
72) Carbazole	11.63	167	1016861	40.80	nq	98
73) Di-n-butylphthalate	11.97	149	1457962	50.52	nq	100
74) Fluoranthene	12.61	202	1142371	41.01	nq	98
76) Benzidine	12.74	184	849383	108.85	nq	97
77) Pyrene	12.84	202	1177962	39.60	nq	99
79) Butylbenzylphthalate	13.47	149	568768	47.77	nq	89
80) Benzo(a)anthracene	14.03	228	1049148	45.91	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	414123	54.95	nq	99
82) Chrysene	14.07	228	892865	41.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.03	149	687206	46.37	nq	95
84) Di-n-octyl phthalate	14.65	149	1234242	52.91	nq	96
85) Indeno(1,2,3-cd)pyrene	16.90	276	771809	41.50	nq	96
87) Benzo(b)fluoranthene	15.06	252	1051152	50.31	nq	99
88) Benzo(k)fluoranthene	15.09	252	721063m	42.26	nq	
89) Benzo(a)pyrene	15.43	252	817496	46.00	nq	# 94
90) Dibenzo(a,h)anthracene	16.92	278	653800	39.84	nq	# 93
91) Benzo(g,h,i)perylene	17.32	276	631082	38.77	nq	99

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



#1

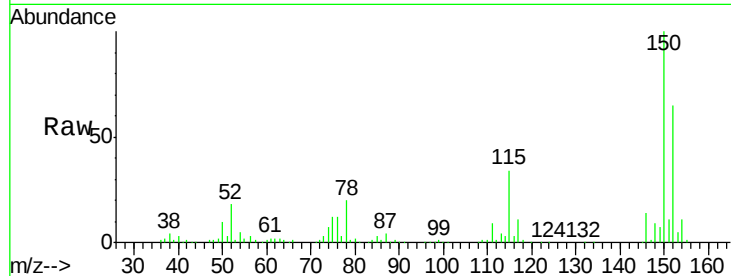
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.89 min Scan# 455
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.5	183.7
115	52.9	51.8	77.8

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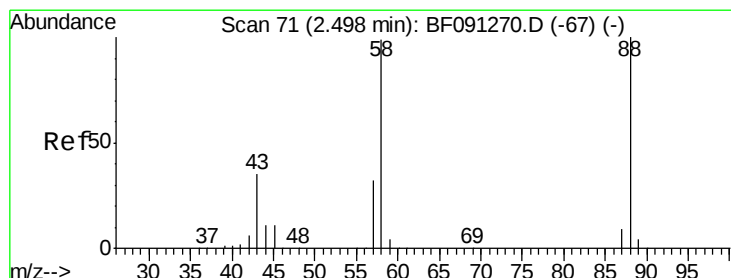
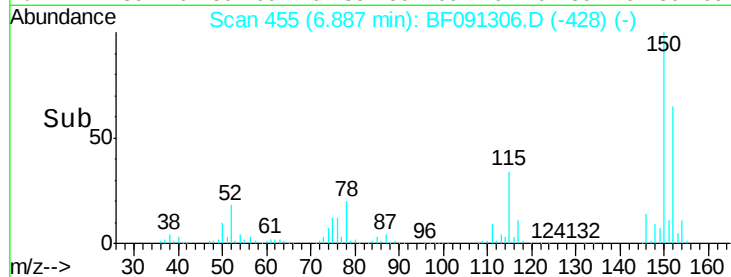
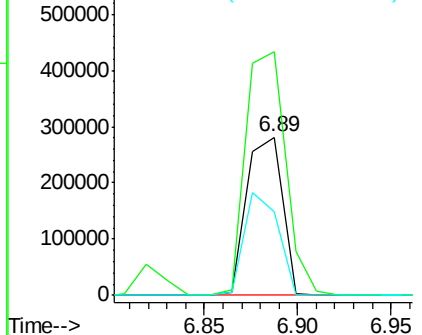


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

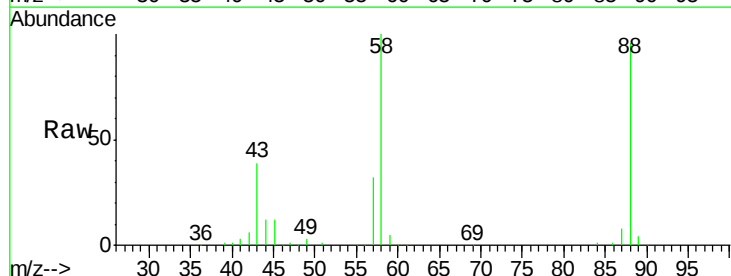
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.86 ng
RT: 2.59 min Scan# 79
Delta R.T. 0.09 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.3	70.3	105.5
43	38.2	31.3	46.9

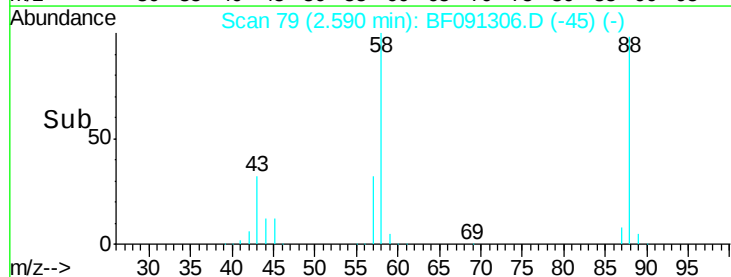
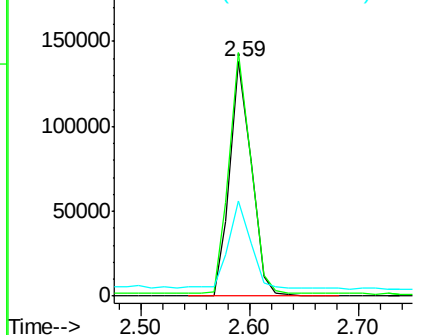


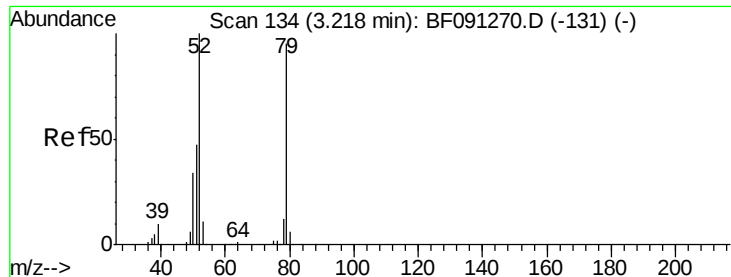
Abundance

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: 37.37 ng

RT: 3.32 min Scan# 143

Delta R.T. 0.10 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

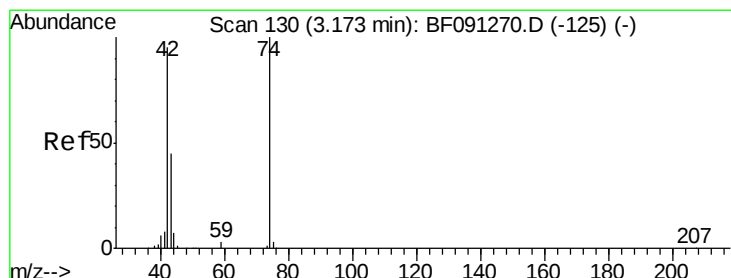
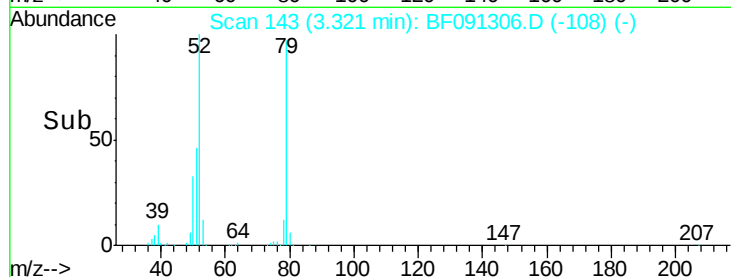
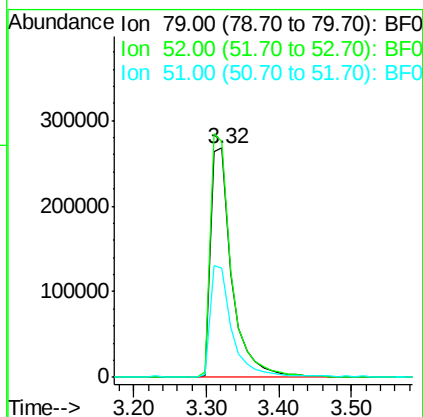
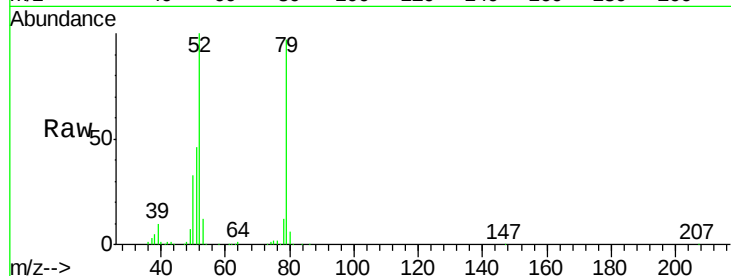
ClientSampleId :

PB94898BS

Tot Ion:	79	Resp:	550416
Ion	Ratio	Lower	Upper
79	100		
52	103.0	71.0	106.4
51	47.8	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 42.71 ng

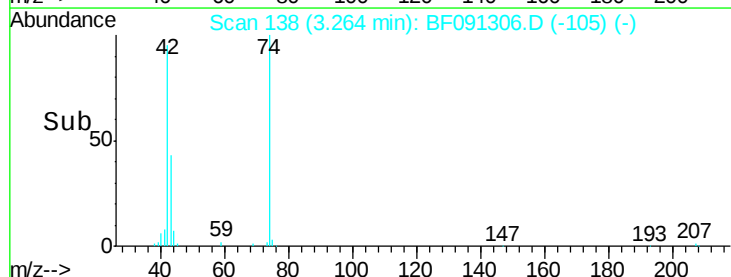
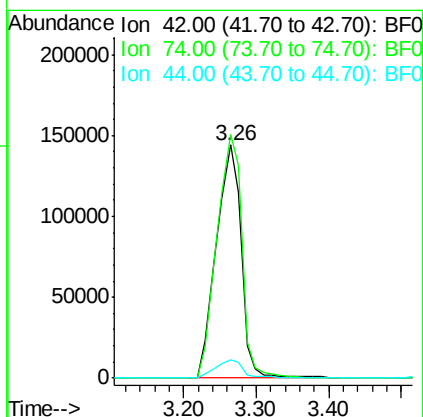
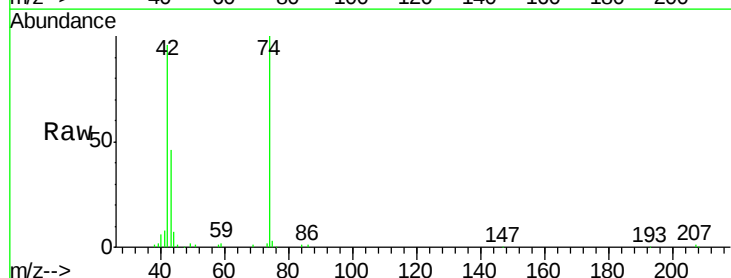
RT: 3.26 min Scan# 138

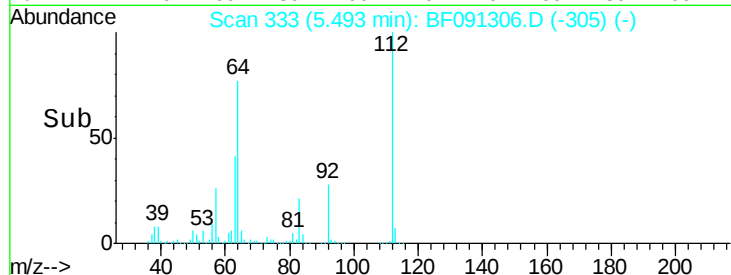
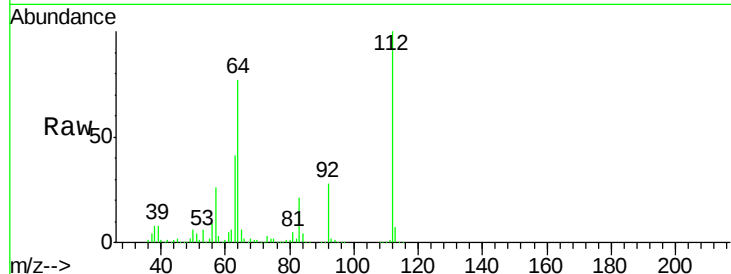
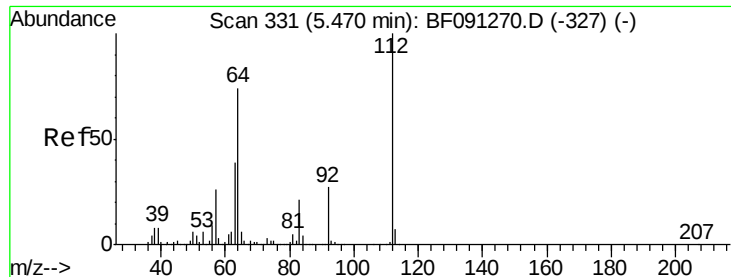
Delta R.T. 0.08 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	42	Resp:	344446
Ion	Ratio	Lower	Upper
42	100		
74	104.5	78.9	118.3
44	7.7	5.8	8.6





#5

2-Fluorophenol

Concen: 110.54 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tot Ion:	112	Resp:	1284373
Ion	Ratio	Lower	Upper
112	100		
64	76.5	61.5	92.3
63	40.8	33.3	49.9

Instrument :

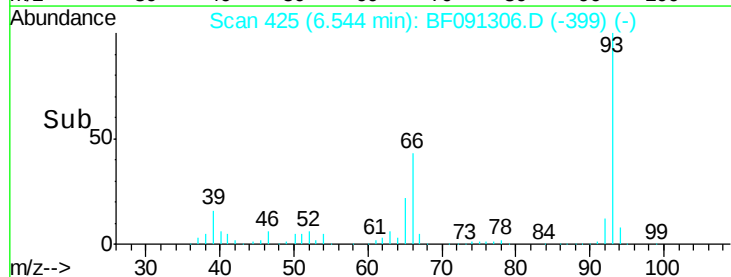
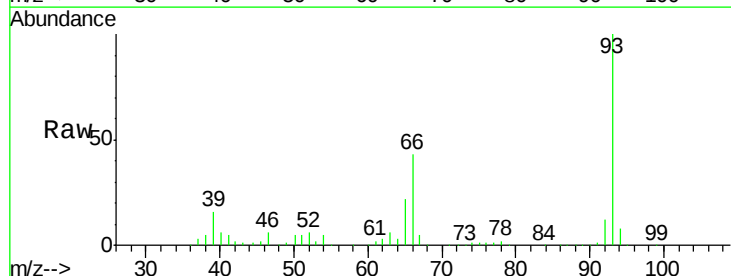
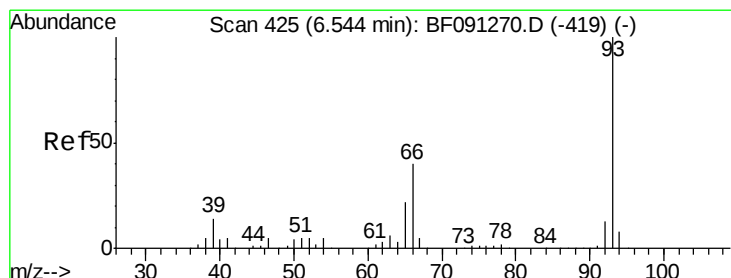
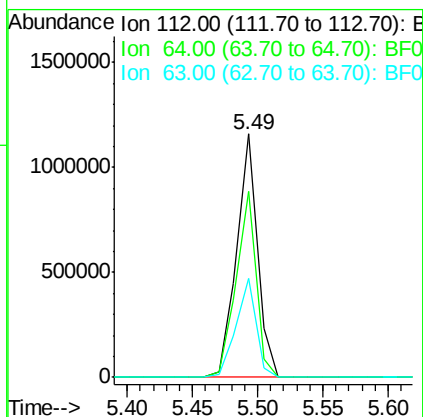
BNA_F

ClientSampleId :

PB94898BS

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#6

Aniline

Concen: 30.47 ng

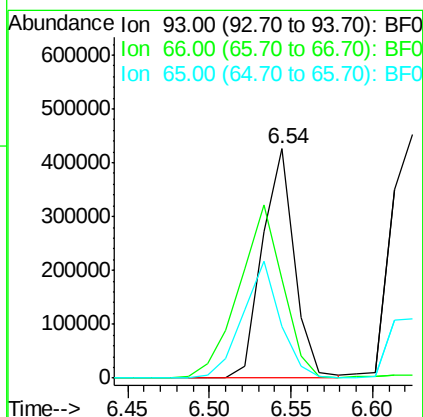
RT: 6.54 min Scan# 425

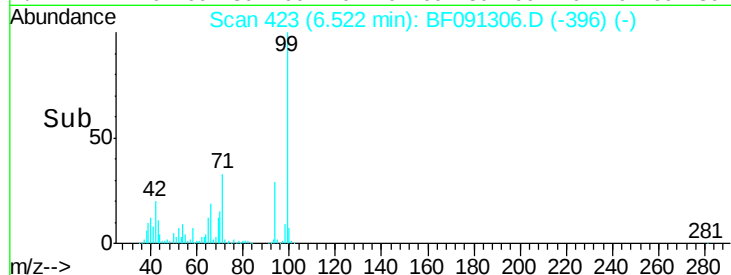
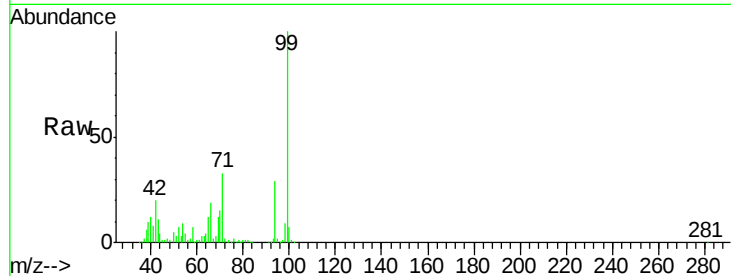
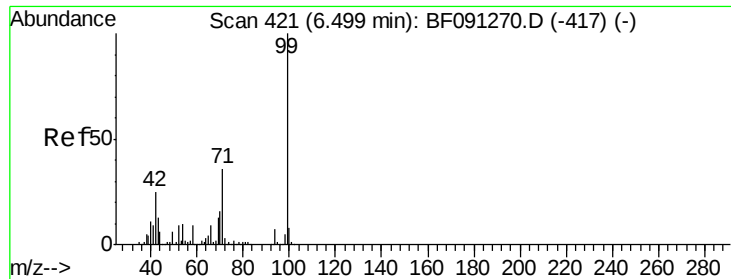
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	93	Resp:	581406
Ion	Ratio	Lower	Upper
93	100		
66	43.3	55.8	83.6#
65	22.3	29.9	44.9#





#7

Phenol-d6

Concen: 123.75 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tot Ion:	99	Resp:	1847342
Ion	Ratio	Lower	Upper
99	100		
42	19.6	20.6	31.0#
71	32.7	29.9	44.9

Instrument :

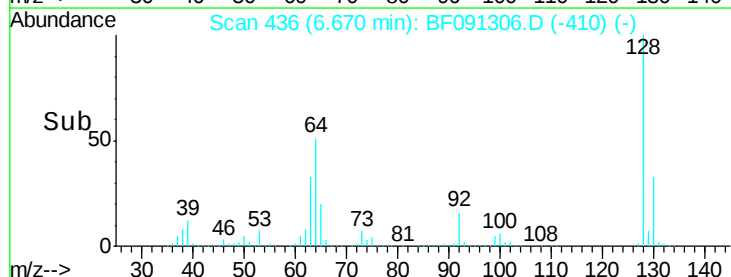
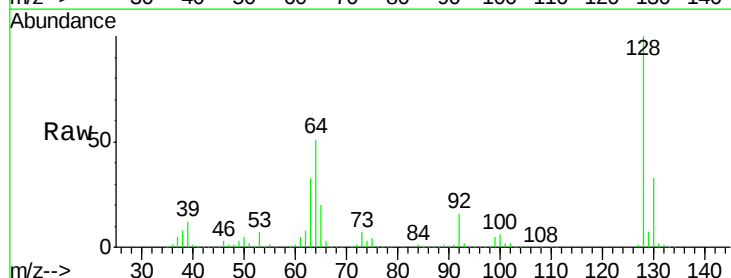
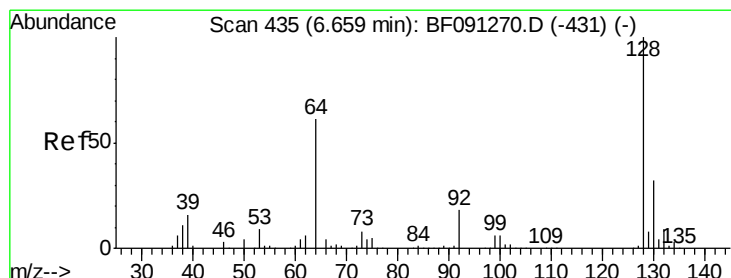
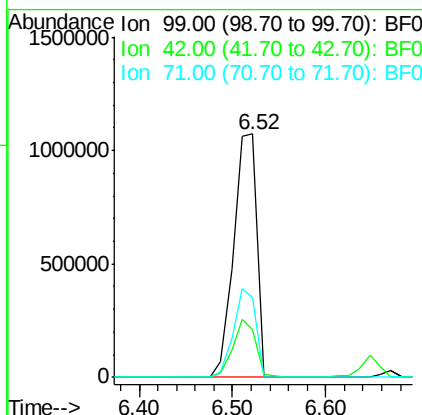
BNA_F

ClientSampled :

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#8

2-Chlorophenol

Concen: 44.62 ng

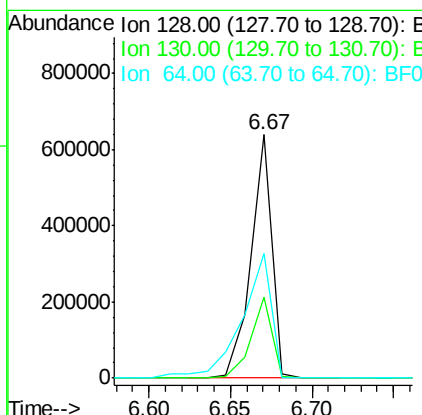
RT: 6.67 min Scan# 436

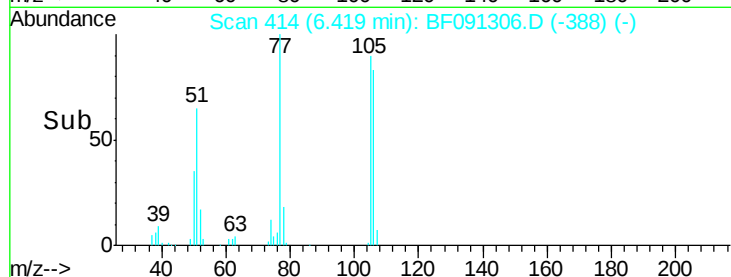
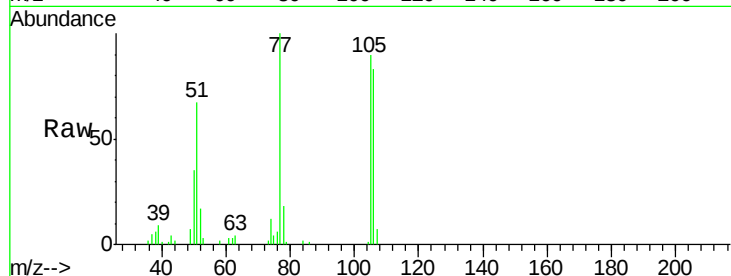
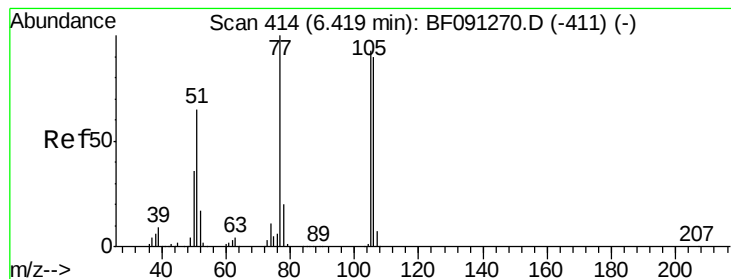
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	128	Resp:	564778
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.1	53.1
64	51.3	24.1	64.1





#9

Benzaldehyde

Concen: 2.46 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tot Ion:	77	Resp:	33228
Ion	Ratio	Lower	Upper
77	100		
105	90.4	66.4	106.4
106	82.9	60.9	100.9

Instrument :

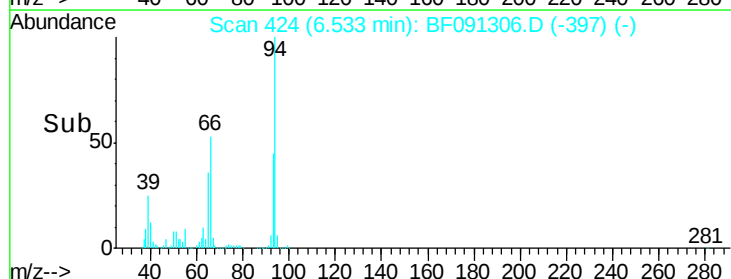
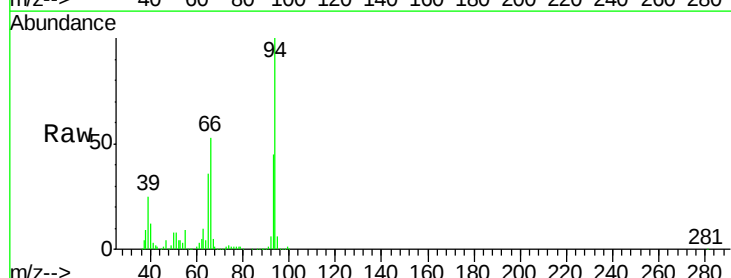
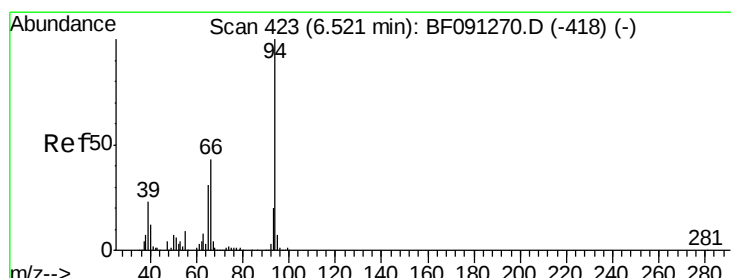
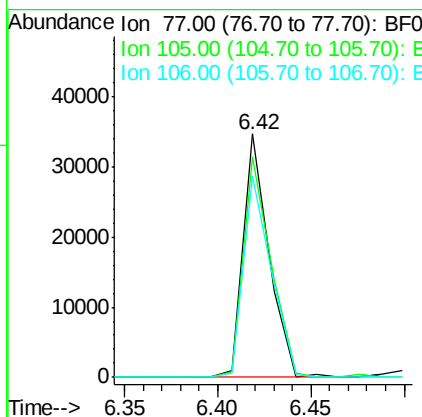
BNA_F

ClientSampleId :

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#10

Phenol

Concen: 42.69 ng

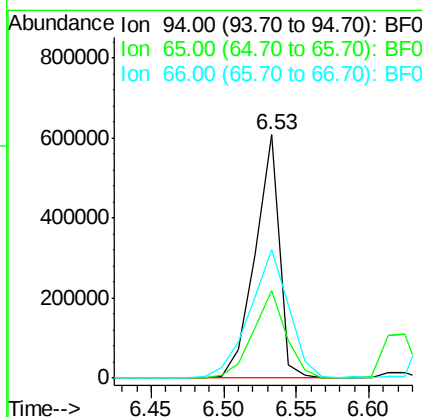
RT: 6.53 min Scan# 424

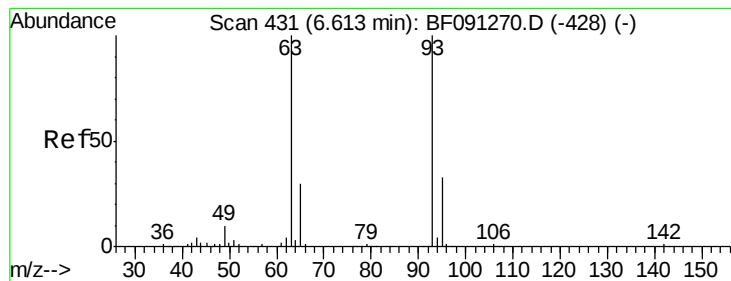
Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	94	Resp:	711021
Ion	Ratio	Lower	Upper
94	100		
65	35.8	16.9	56.9
66	52.8	30.6	70.6





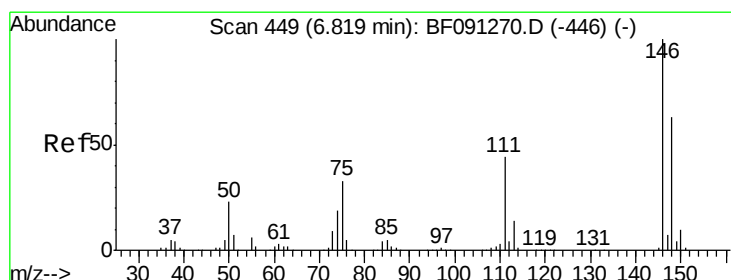
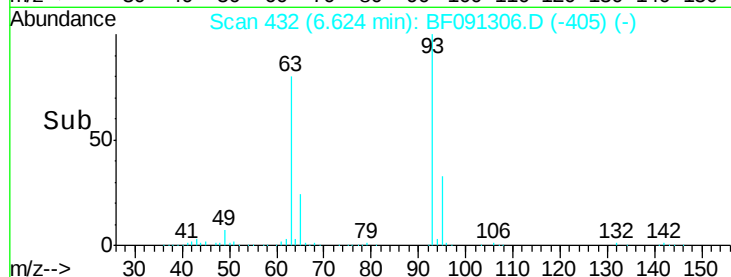
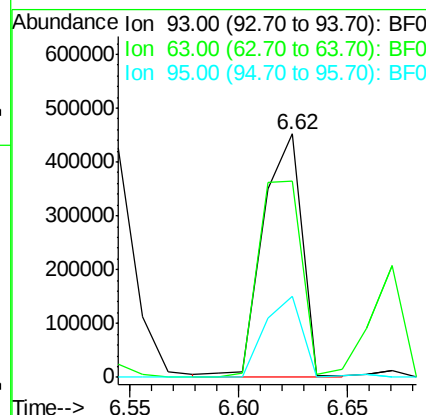
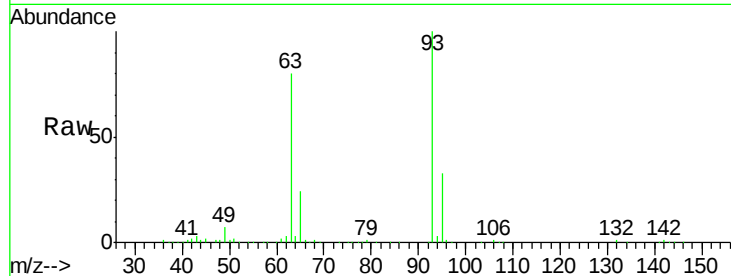
#11
bis(2-Chloroethyl)ether
Concen: 46.24 ng
RT: 6.62 min Scan# 432
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	74.8	114.8
95	33.4	12.4	52.4

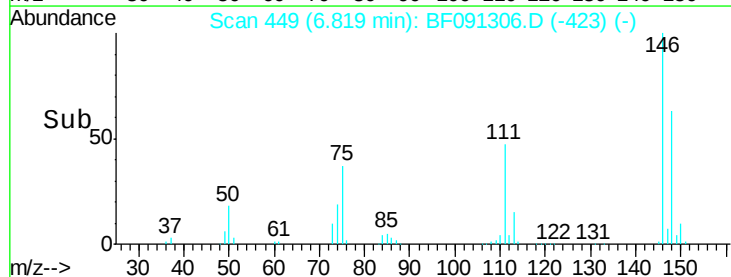
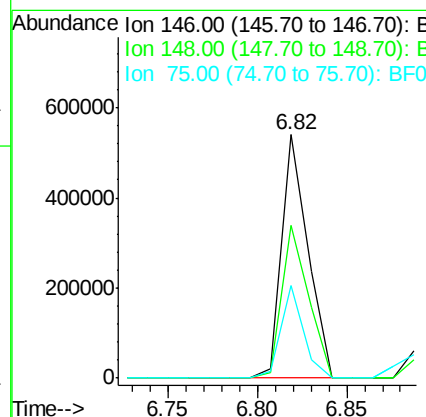
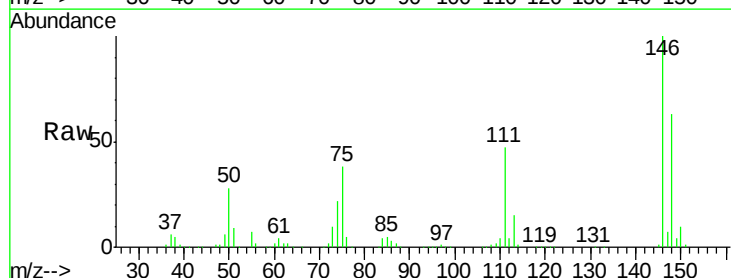
Manual Integrations
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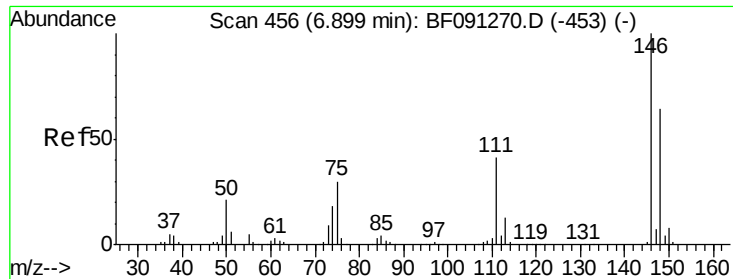
sohil
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#12
1,3-Dichlorobenzene
Concen: 39.67 ng m
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.4	77.0
75	38.0	23.6	35.4





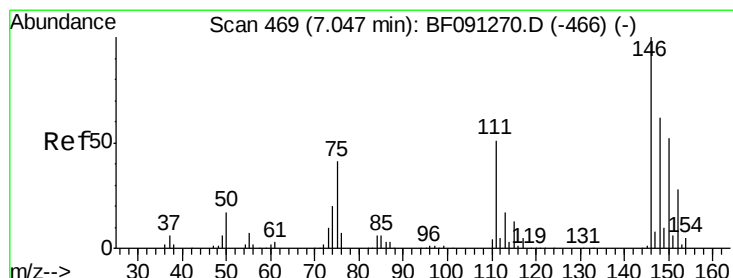
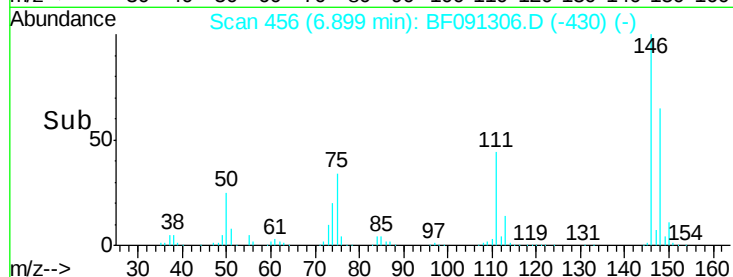
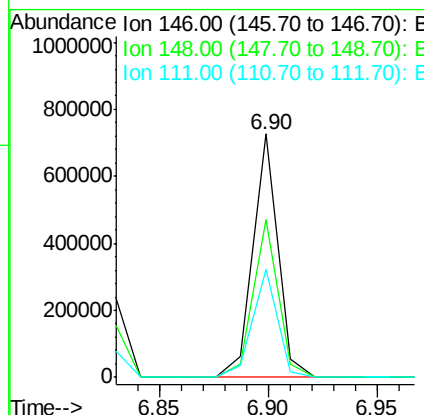
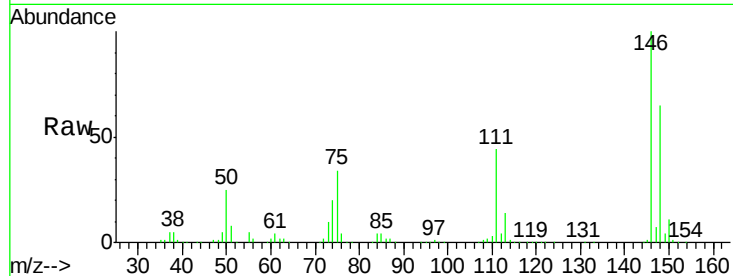
#13
 1,4-Dichlorobenzene
 Concen: 41.02 ng
 RT: 6.90 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleID :
 PB94898BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	44.1	32.2	48.2

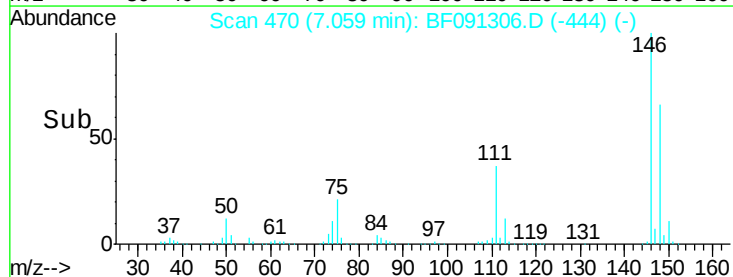
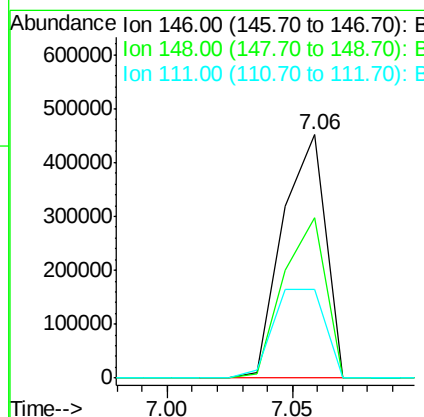
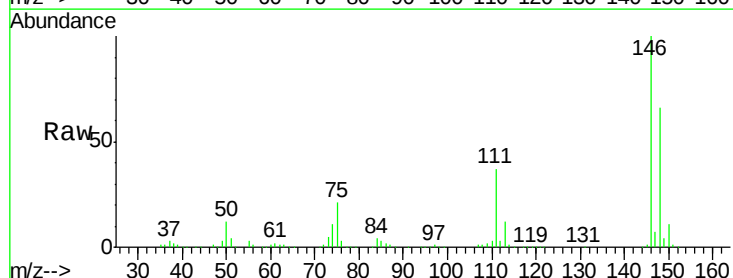
Manual Integrations
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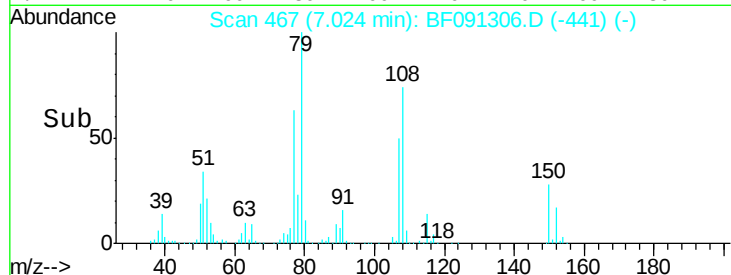
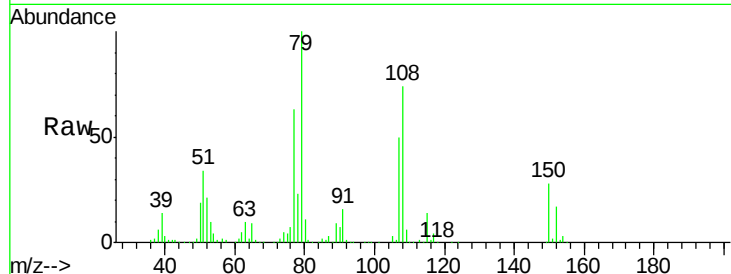
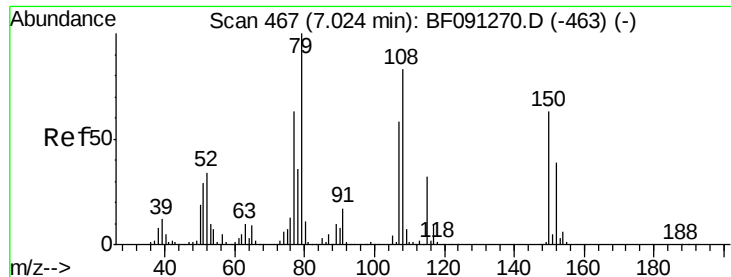
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#14
 1,2-Dichlorobenzene
 Concen: 39.96 ng m
 RT: 7.06 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	36.6	38.9	58.3#





#15

Benzyl Alcohol

Concen: 43.20 ng

RT: 7.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tot Ion:	79	Resp:	500803
Ion Ratio	Lower	Upper	
79	100		
108	73.5	62.7	94.1
77	62.8	51.7	77.5

Instrument :

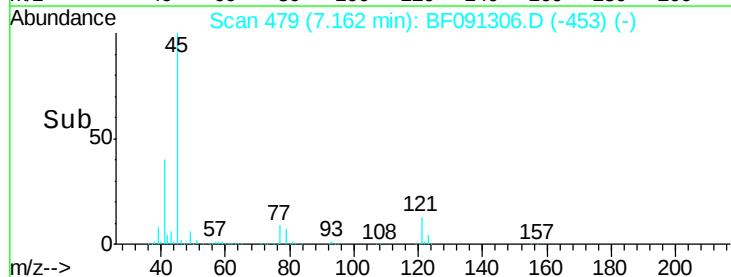
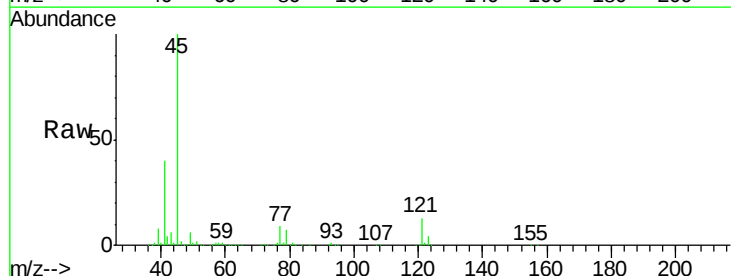
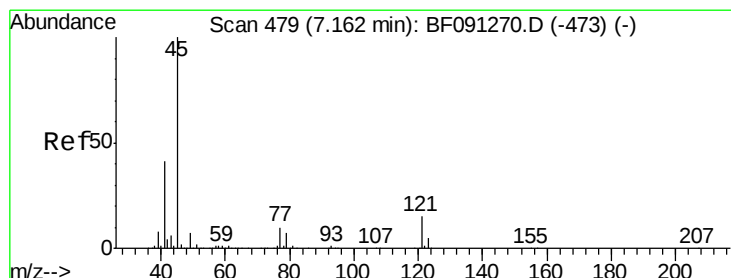
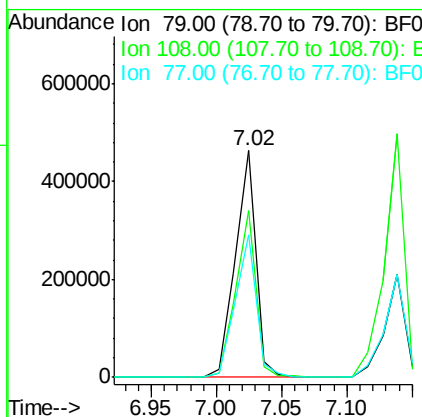
BNA_F

ClientSampleId :

PB94898BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.87 ng

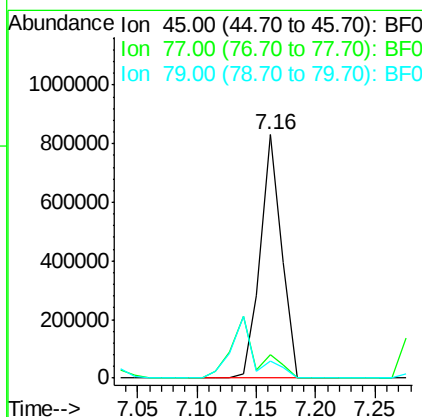
RT: 7.16 min Scan# 479

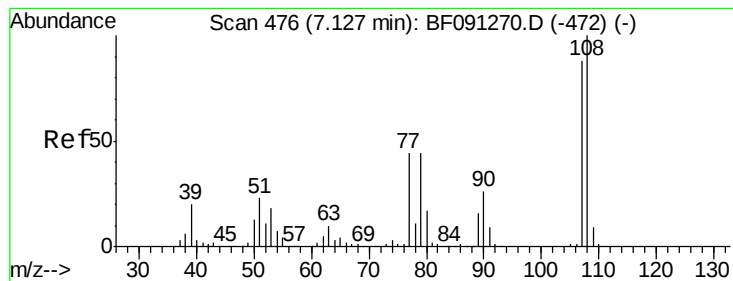
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	45	Resp:	1043438
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.0	0.2	40.2





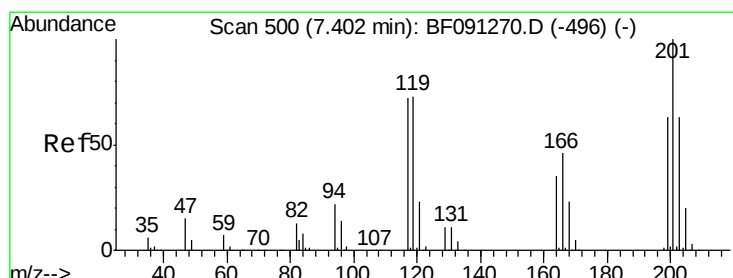
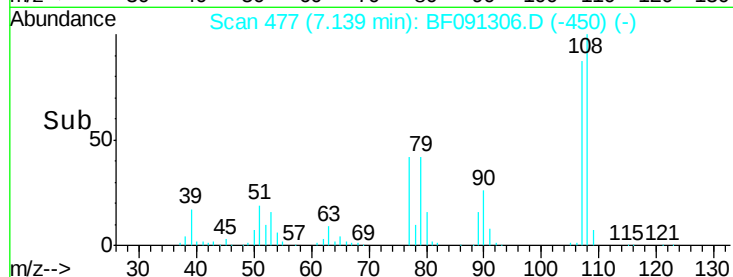
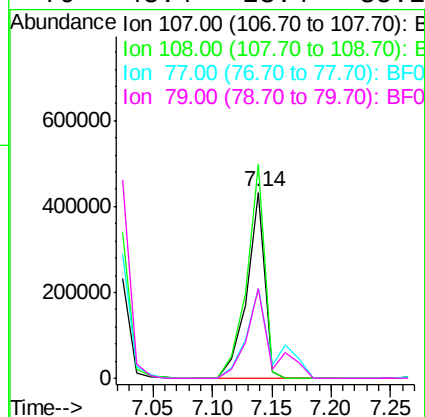
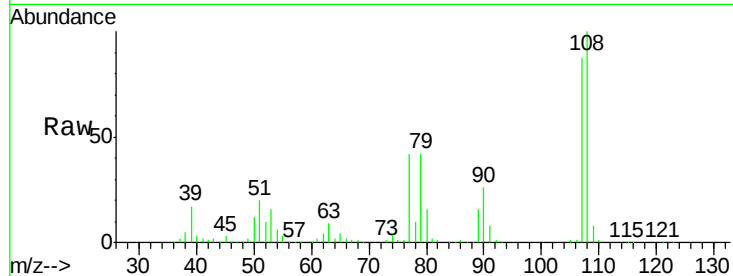
#17
2-Methylphenol
Concen: 45.43 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	67.7	101.5#	
77	48.4	40.7	61.1	
79	48.4	23.4	35.2#	

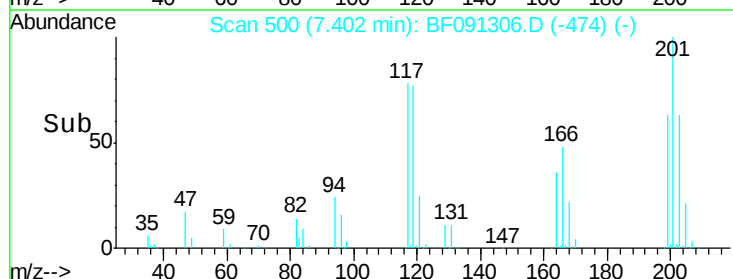
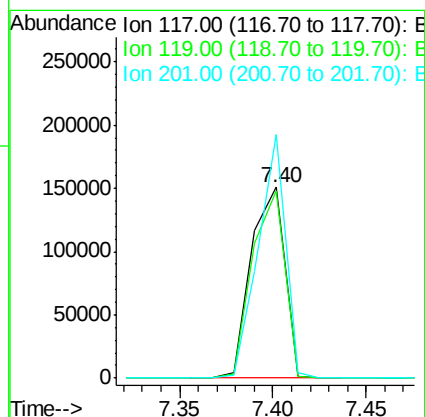
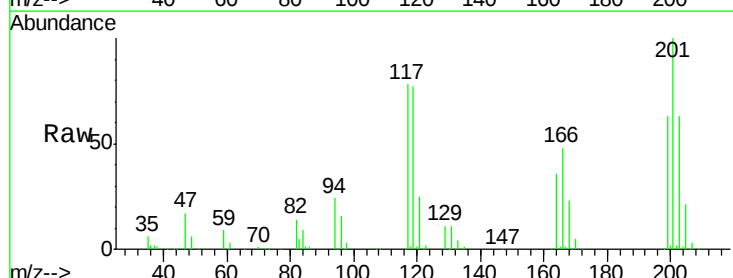
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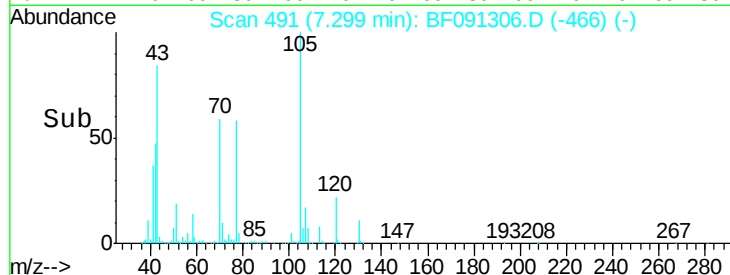
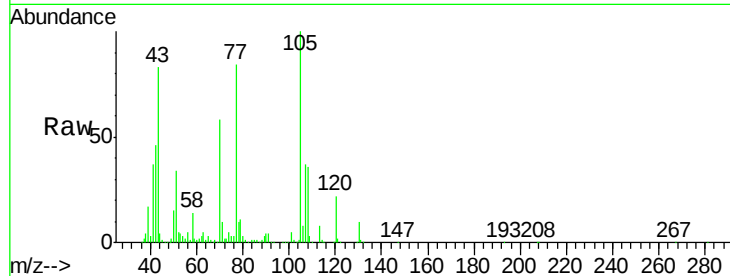
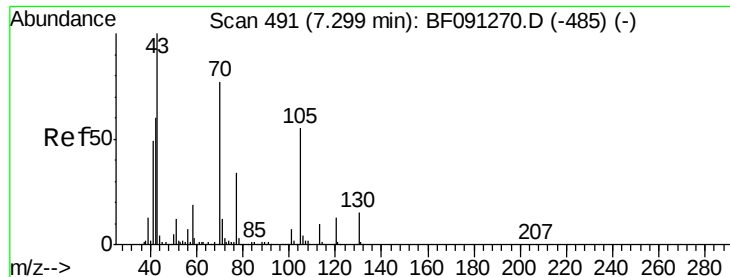
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#18
Hexachloroethane
Concen: 37.17 ng
RT: 7.40 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	78.6	118.0	
201	127.8	86.7	130.1	





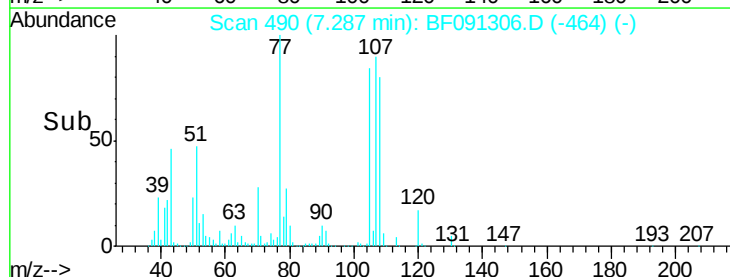
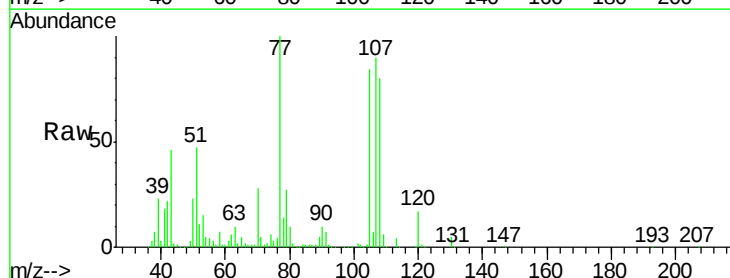
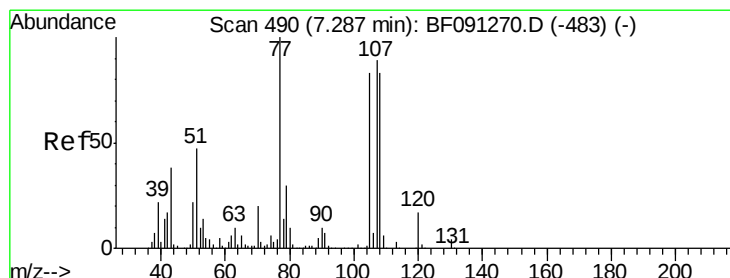
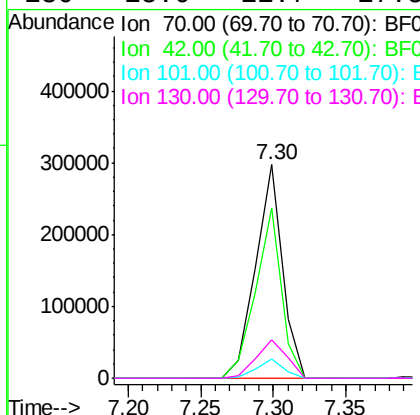
#19
n-Nitroso-di-n-propylamine
Concen: 40.80 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	79.5	64.8	97.2	
101	8.9	6.2	9.4	
130	18.0	11.7	17.5	#

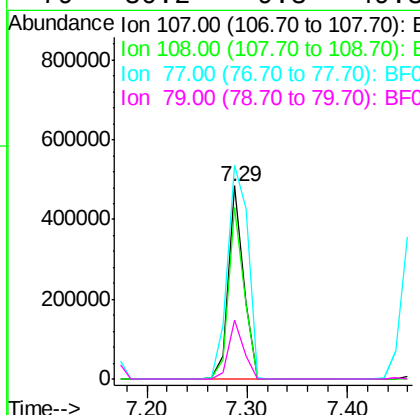
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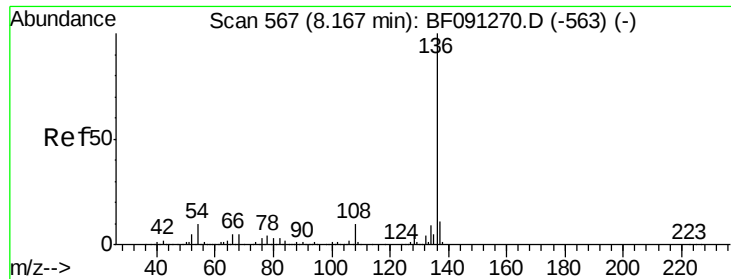
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#20
3+4-Methylphenols
Concen: 41.09 ng
RT: 7.29 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	64.6	104.6	
77	110.6	30.9	70.9	#
79	30.2	9.3	49.3	





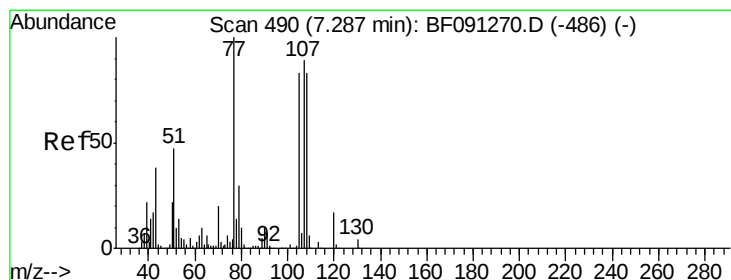
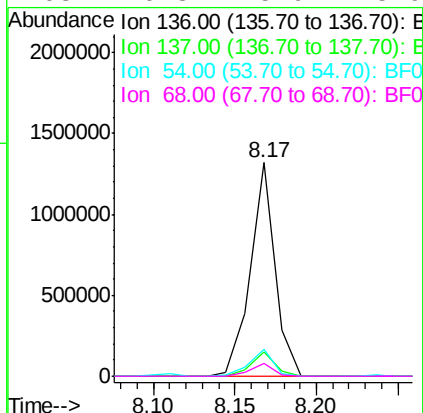
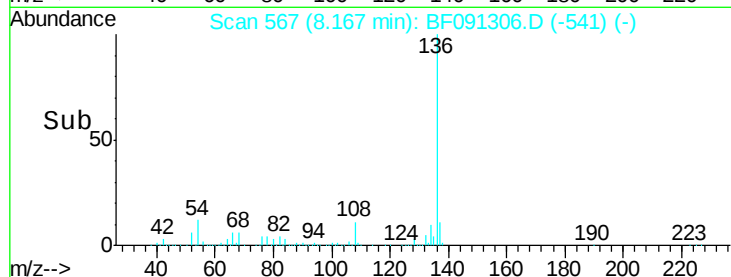
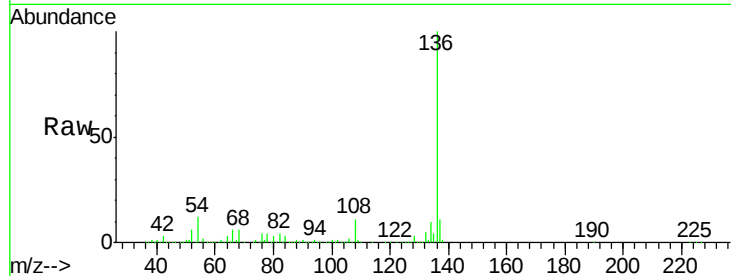
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.17 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	136	Resp	1381390
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	12.4	9.1	13.7
68	6.3	5.9	8.9

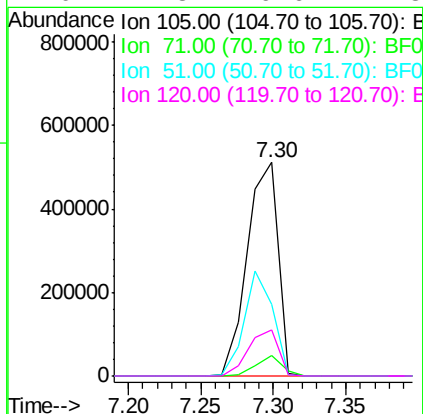
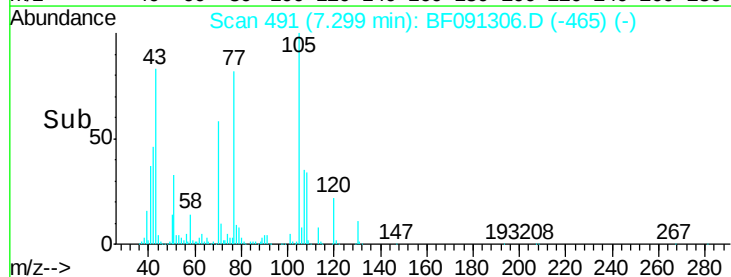
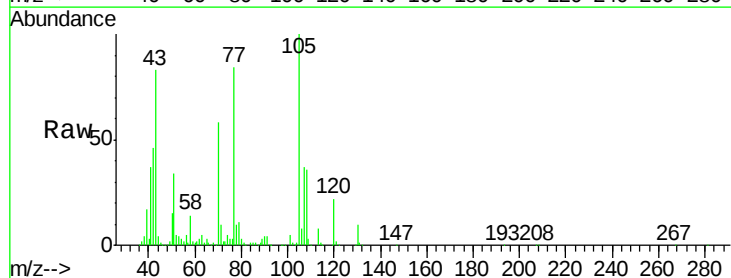
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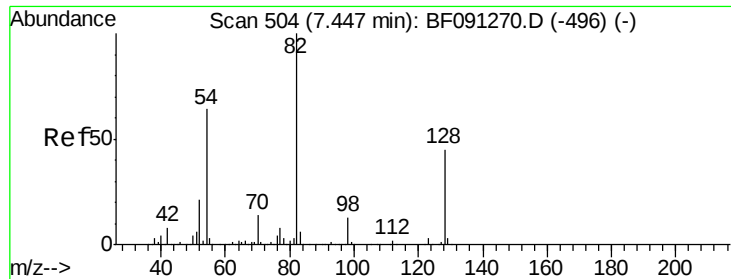
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#22
Acetophenone
Concen: 48.35 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	105	Resp	753513
Ion	Ratio	Lower	Upper
105	100		
71	9.8	7.9	11.9
51	33.8	24.5	36.7
120	21.8	16.6	24.8





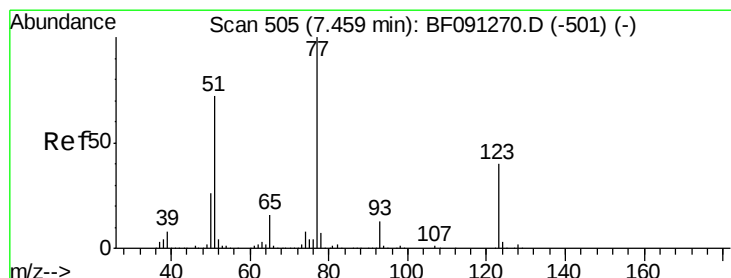
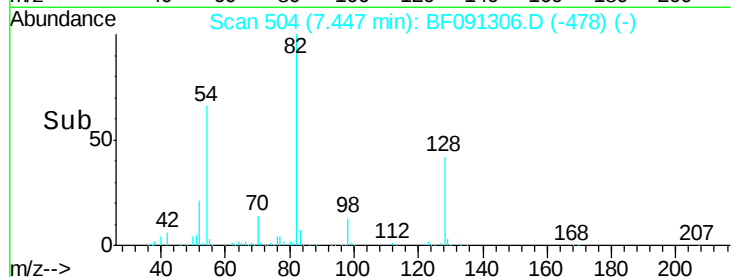
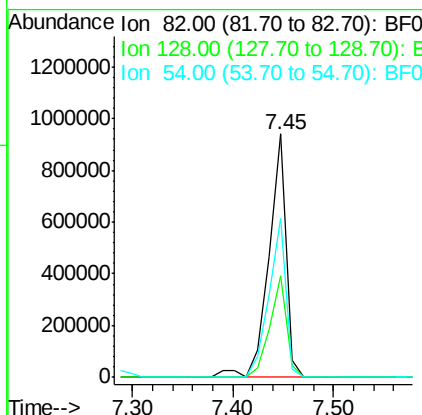
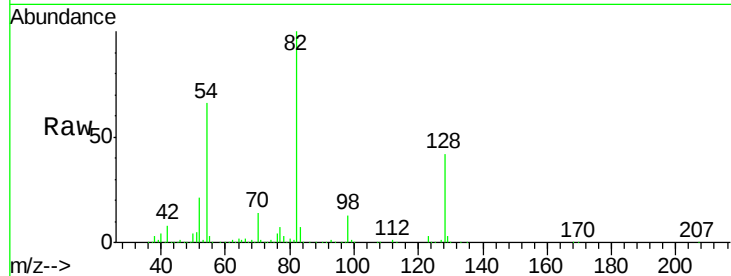
#23
 Nitrobenzene-d5
 Concen: 93.39 ng
 RT: 7.45 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.8	47.6
54	65.6	49.1	73.7

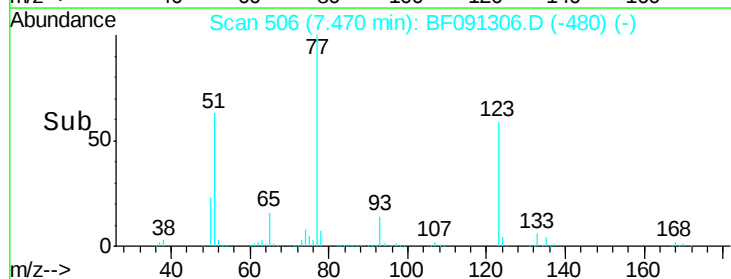
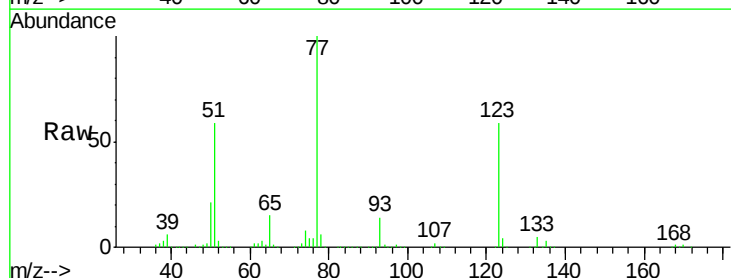
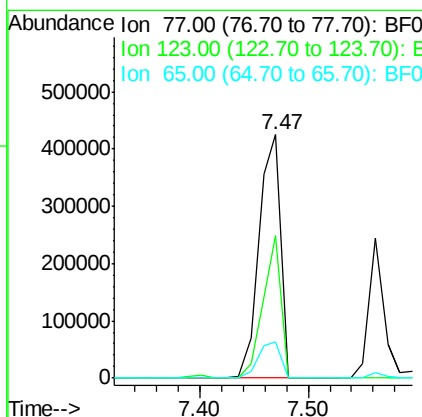
Manual Integrations
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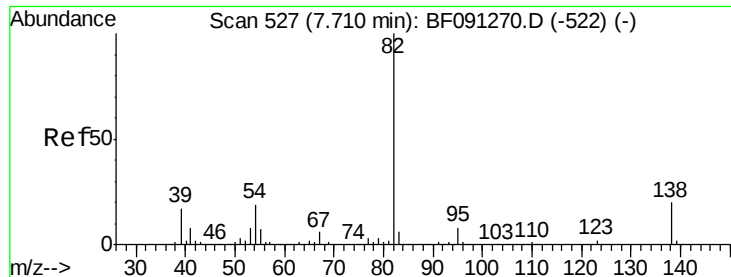
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#24
 Nitrobenzene
 Concen: 46.34 ng
 RT: 7.47 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	58.5	28.5	42.7#
65	14.7	12.5	18.7





#25

Isophorone

Concen: 48.67 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleID :

PB94898BS

Tot Ion: 82 Resp: 1090922

Ion Ratio Lower Upper

82 100

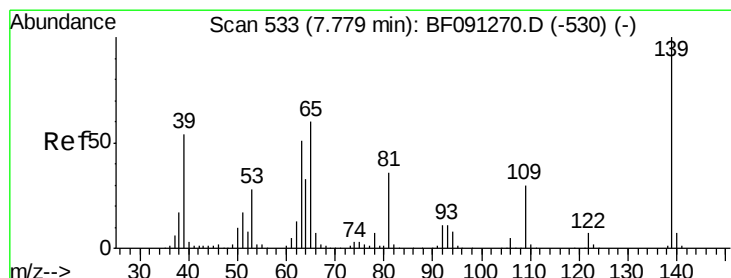
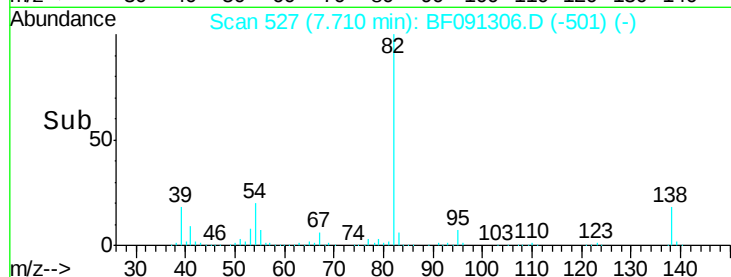
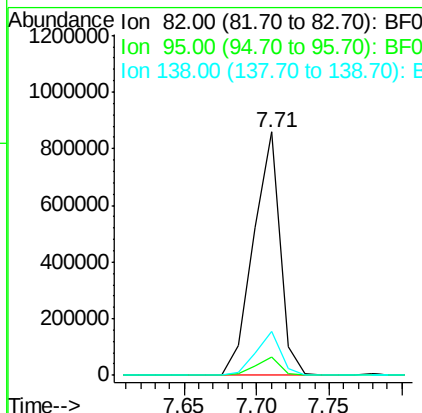
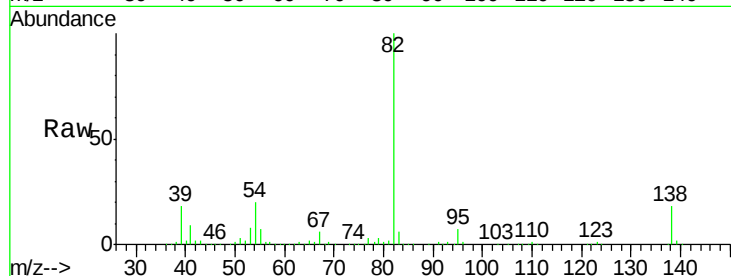
95 7.3 5.7 8.5

138 18.1 13.4 20.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.06 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

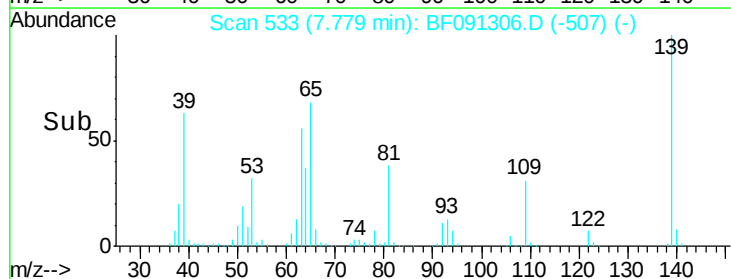
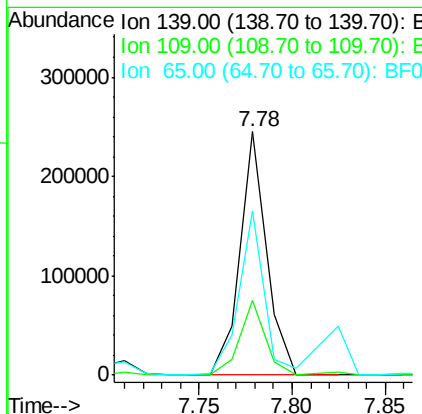
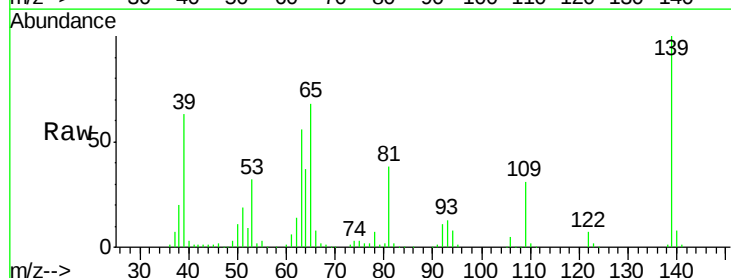
Tgt Ion: 139 Resp: 244720

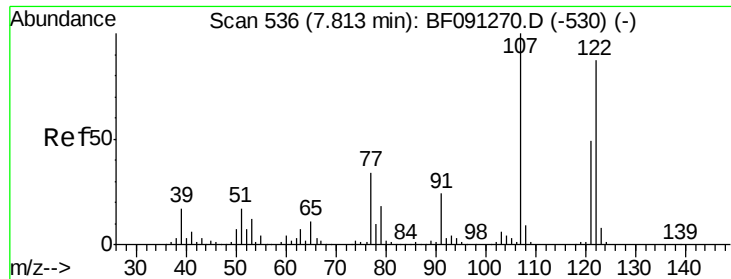
Ion Ratio Lower Upper

139 100

109 30.8 25.3 37.9

65 67.6 55.4 83.2





#27

2,4-Dimethylphenol

Concen: 51.10 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

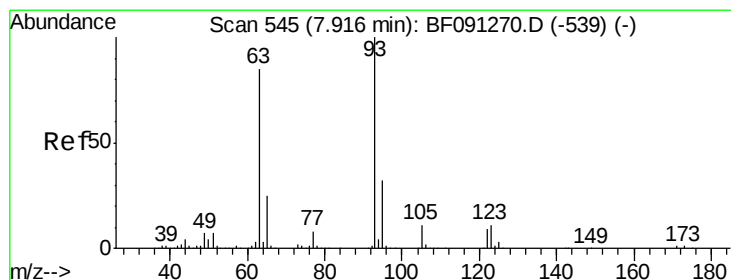
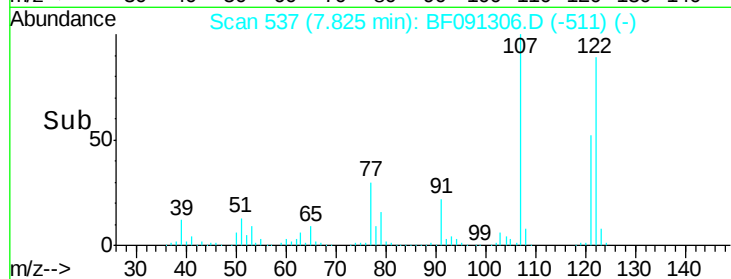
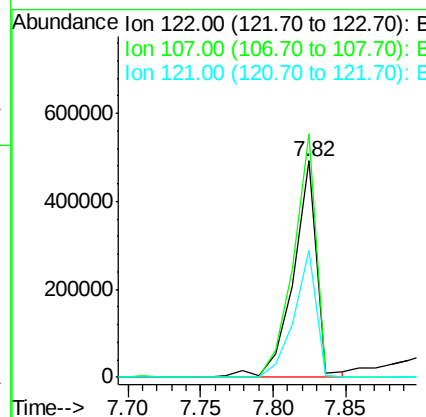
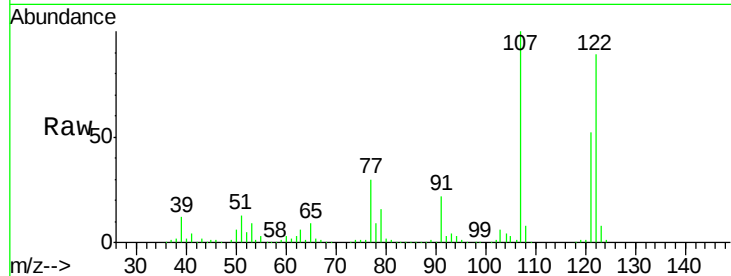
ClientSampleId :

PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	546031		
107	112.4	96.8	145.2	
121	58.5	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 47.24 ng

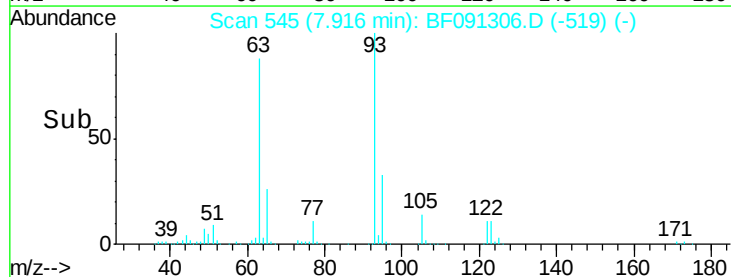
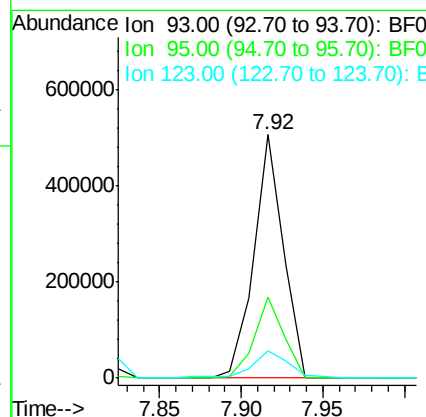
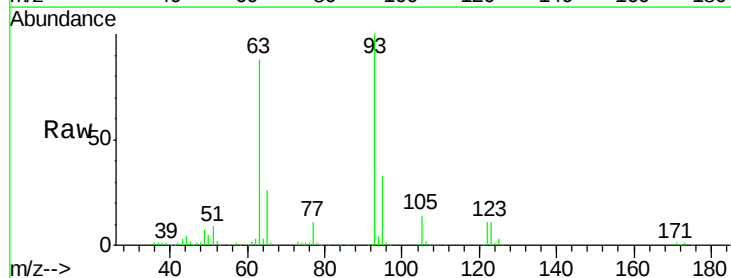
RT: 7.92 min Scan# 545

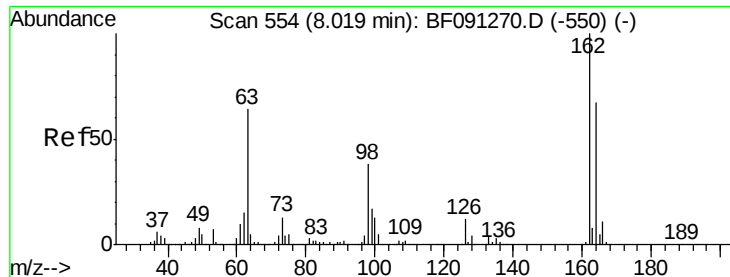
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	630306		
95	33.1	26.0	39.0	
123	11.2	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 47.30 ng

RT: 8.03 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

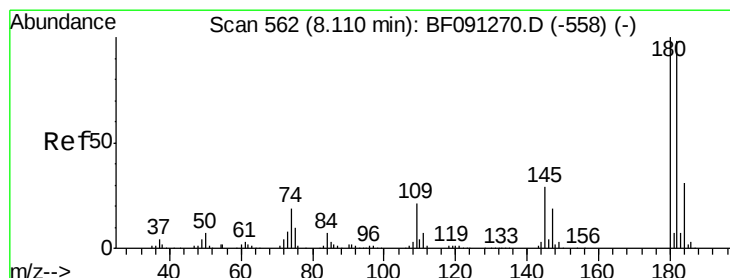
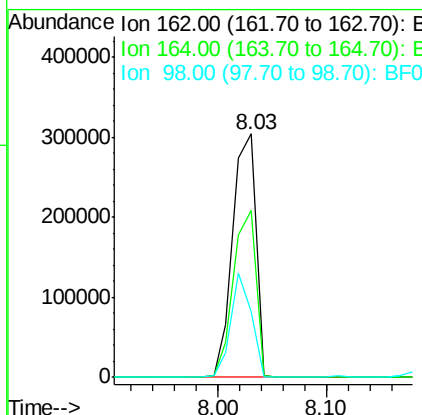
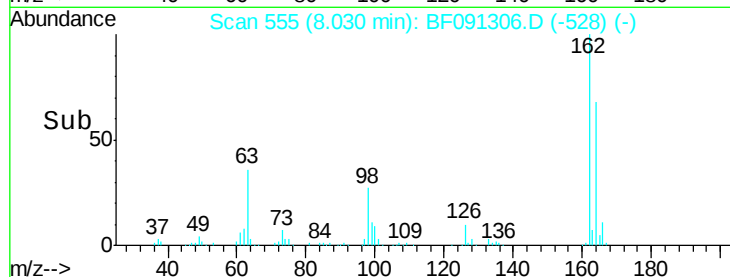
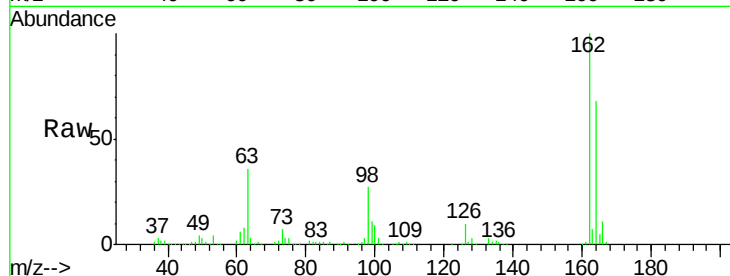
ClientSampleId :

PB94898BS

Tot Ion:	162	Resp:	446614
Ion Ratio	Lower	Upper	
162	100		
164	68.3	45.0	85.0
98	27.1	21.3	61.3

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#30

1,2,4-Trichlorobenzene

Concen: 45.31 ng

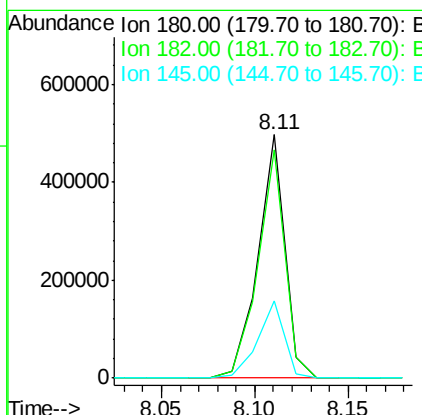
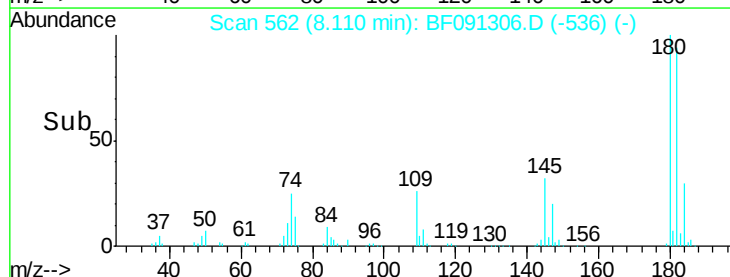
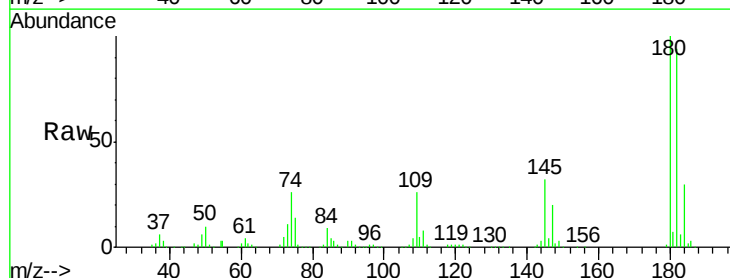
RT: 8.11 min Scan# 562

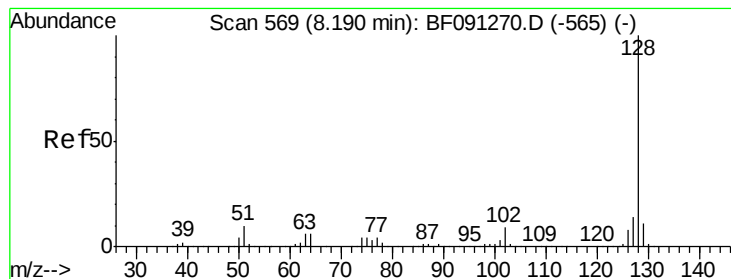
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	180	Resp:	492821
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.8	113.8
145	31.6	27.0	40.4





#31

Naphthalene

Concen: 44.31 ng

RT: 8.19 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

Tot Ion:128 Resp: 1472183

Ion Ratio Lower Upper

128 100

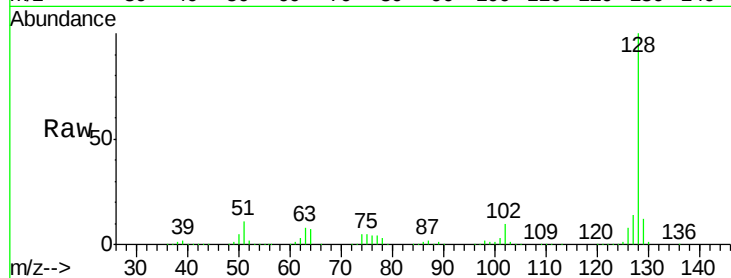
129 11.6 9.1 13.7

127 13.7 11.0 16.4

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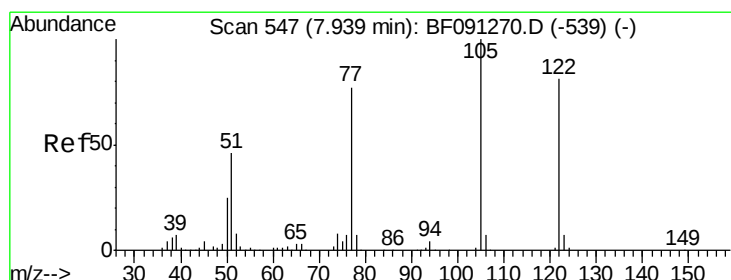
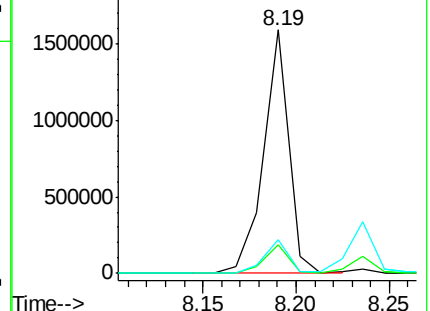
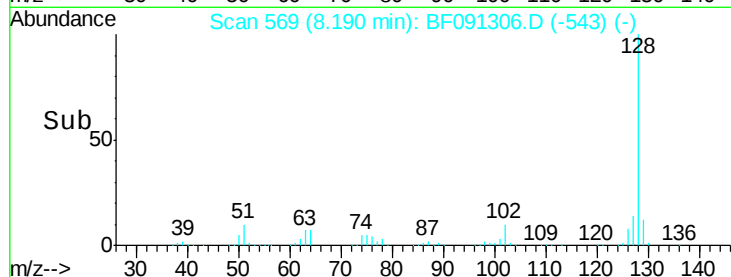
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.80 ng

RT: 7.94 min Scan# 547

Delta R.T. -0.02 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

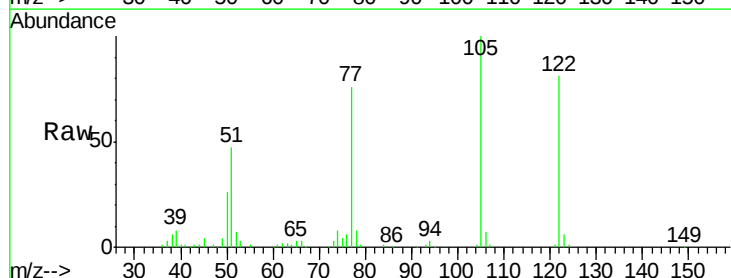
Tgt Ion:122 Resp: 292821

Ion Ratio Lower Upper

122 100

105 123.9 113.0 153.0

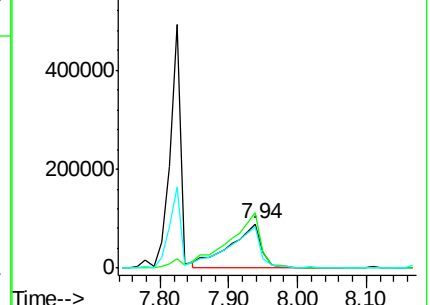
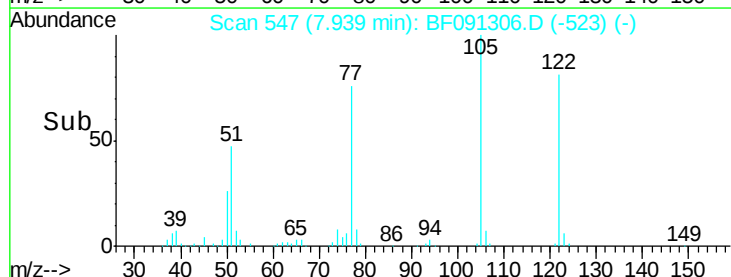
77 94.6 82.0 122.0

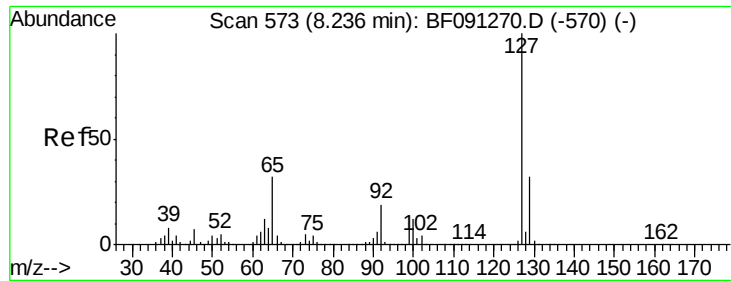


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





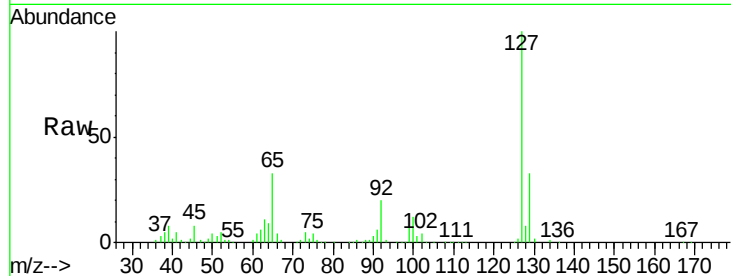
#33
4-Chloroaniline
Concen: 23.06 ng
RT: 8.24 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

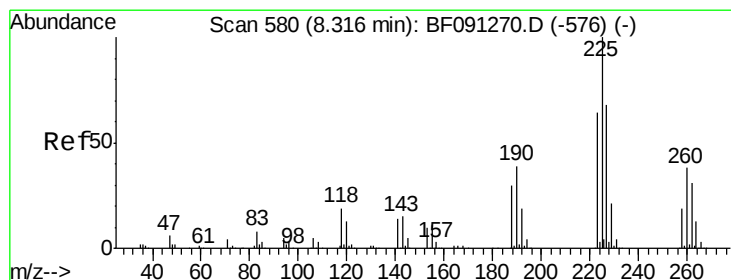
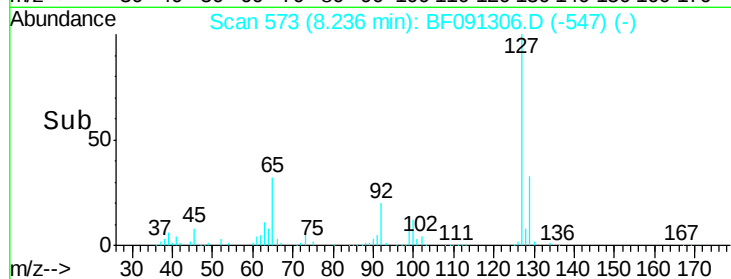
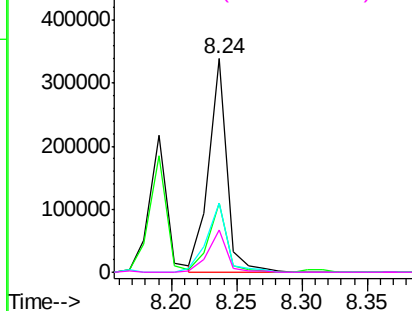
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.4		
65	32.7	26.6	39.8		
92	19.6	15.4	23.0		

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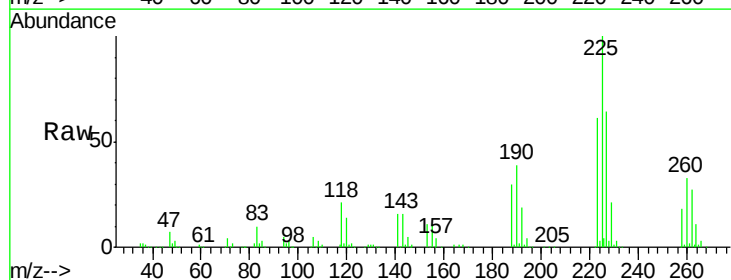


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

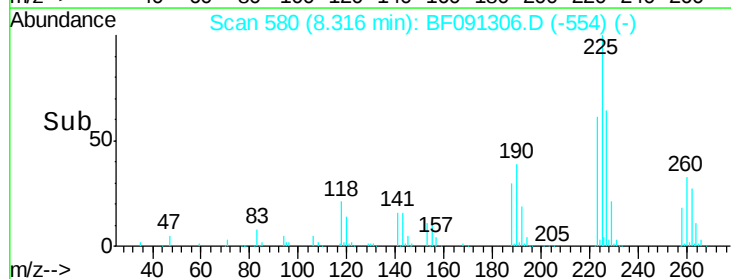
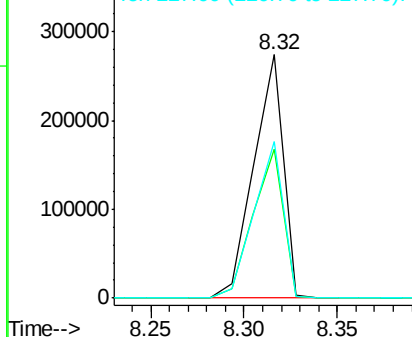


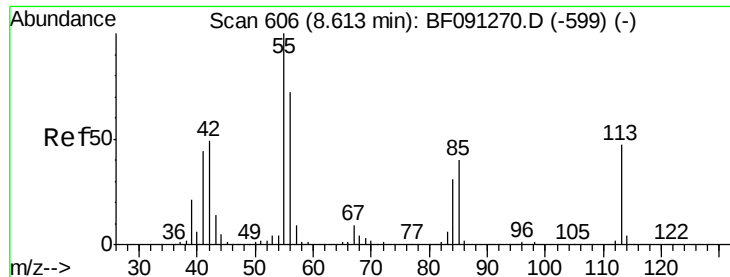
#34
Hexachlorobutadiene
Concen: 46.53 ng
RT: 8.32 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	49.8	74.6		
227	64.4	52.6	79.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





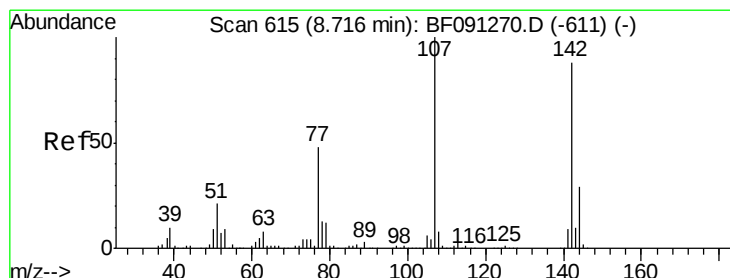
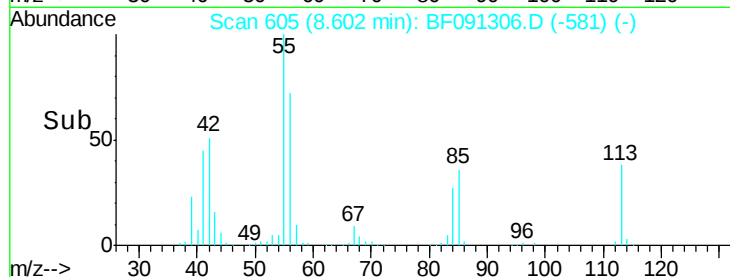
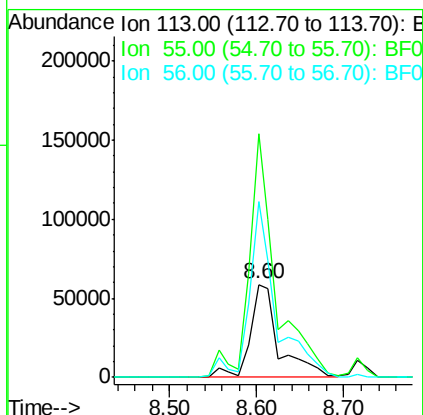
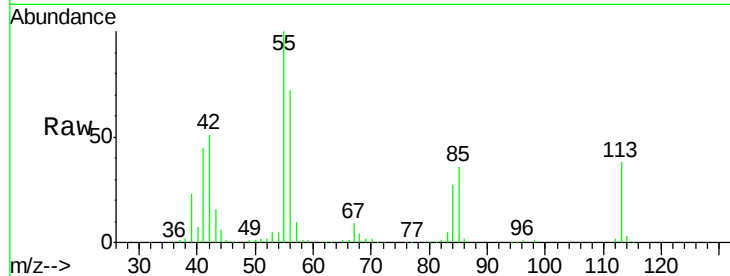
#35
 Caprolactam
 Concen: 47.32 ng
 RT: 8.60 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	262.1	239.8	279.8
56	188.7	165.6	205.6

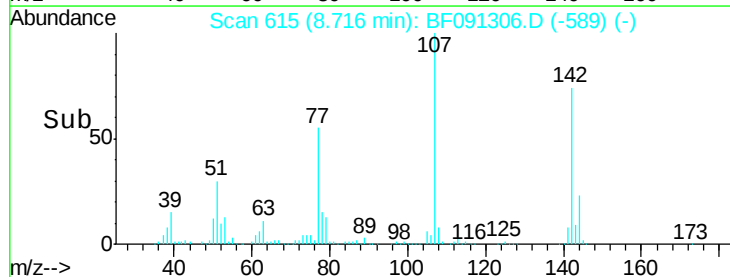
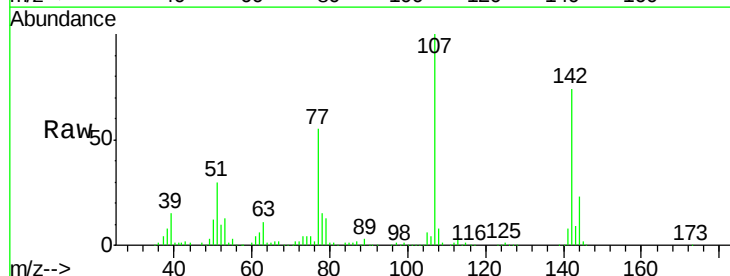
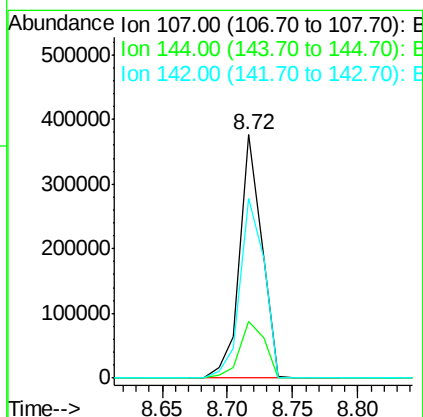
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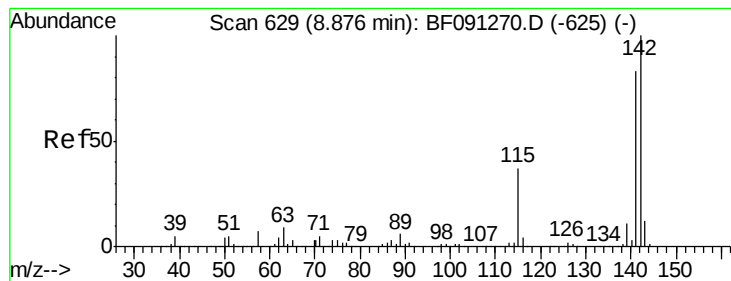
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#36
 4-Chloro-3-methylphenol
 Concen: 43.56 ng
 RT: 8.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091306.D
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Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	18.9	28.3
142	73.9	58.5	87.7





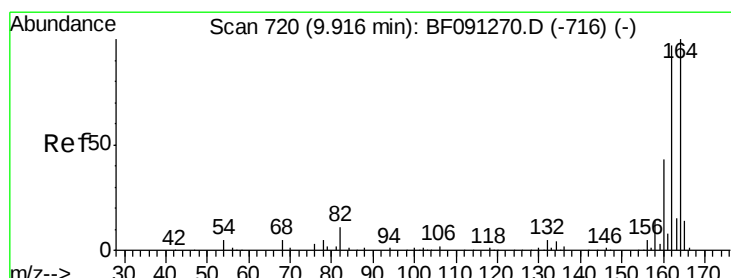
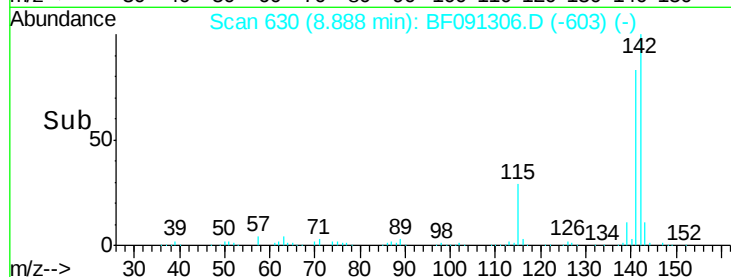
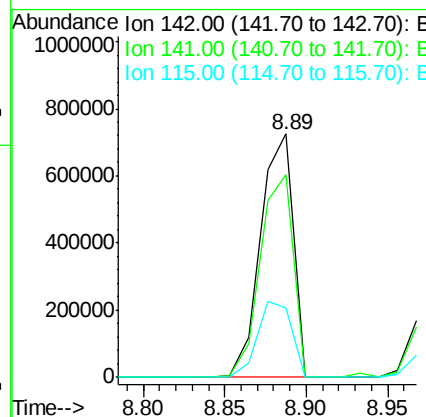
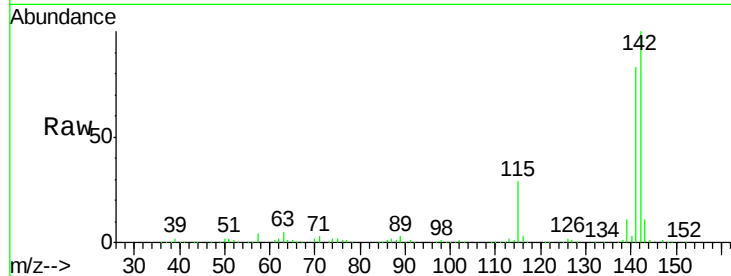
#37
2-Methylnaphthalene
Concen: 44.25 ng
RT: 8.89 min Scan# 630
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion:142 Resp: 1009059
Ion Ratio Lower Upper
142 100
141 83.4 71.7 107.5
115 28.8 25.0 37.6

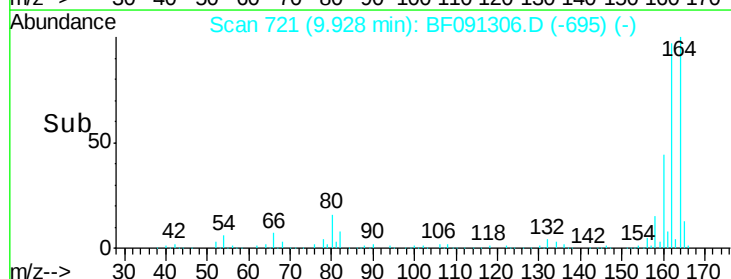
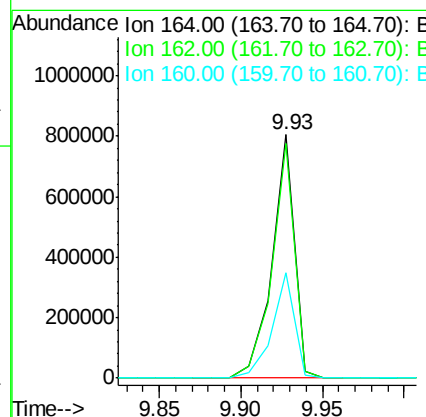
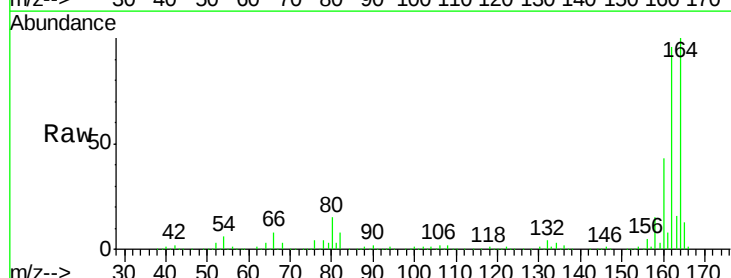
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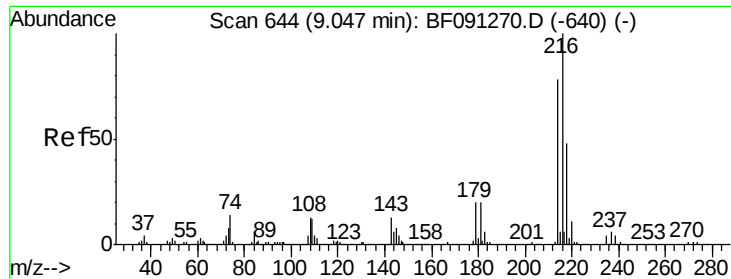
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion:164 Resp: 772136
Ion Ratio Lower Upper
164 100
162 96.4 82.6 124.0
160 43.1 36.7 55.1





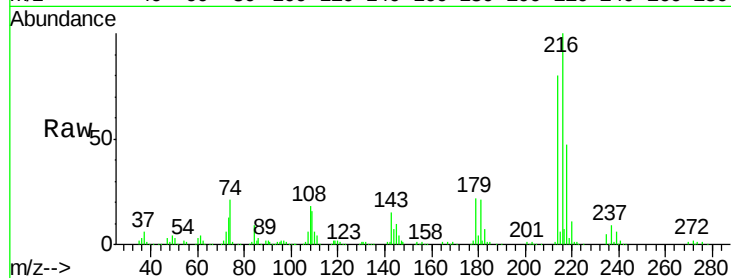
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.19 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

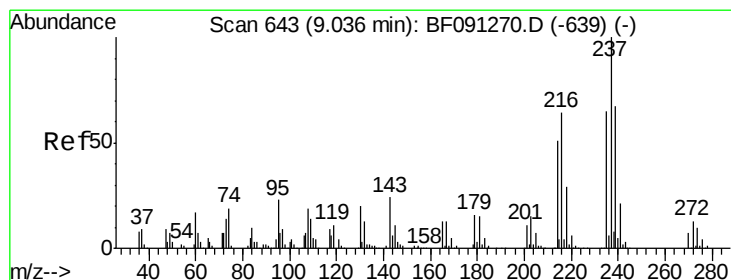
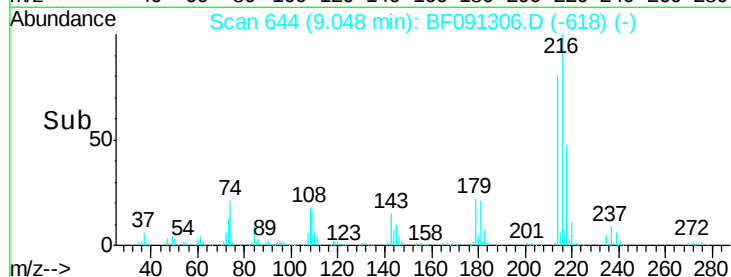
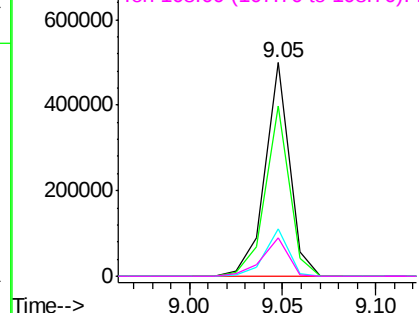
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		451828		
214	79.2	63.8	95.8		
179	21.8	18.2	27.2		
108	18.9	17.2	25.8		

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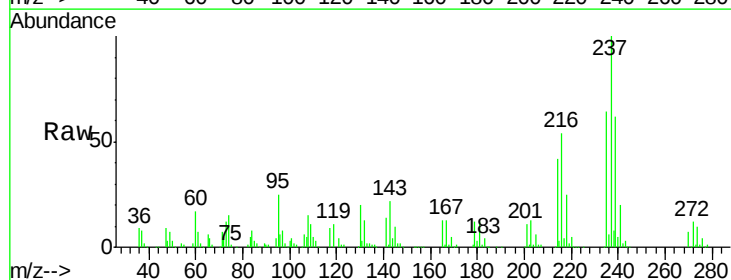


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

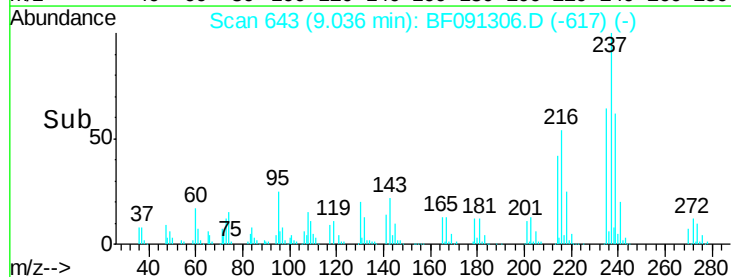
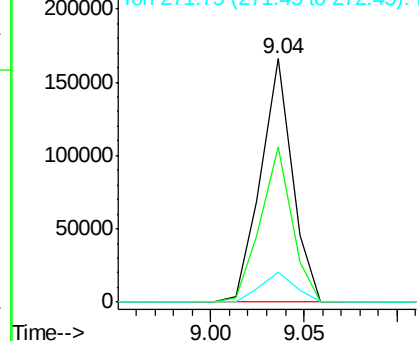


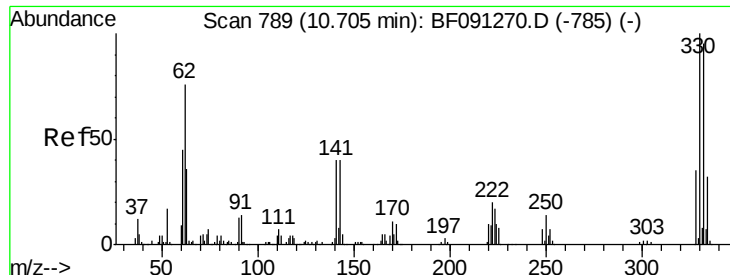
#40
 Hexachlorocyclopentadiene
 Concen: 41.69 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		195251		
235	63.8	43.9	83.9		
272	12.3	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





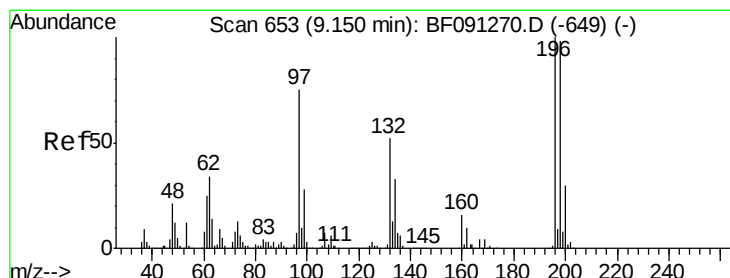
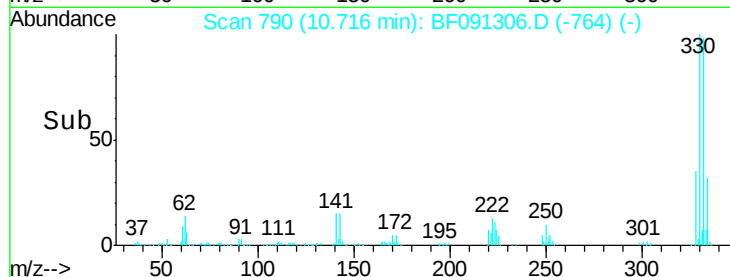
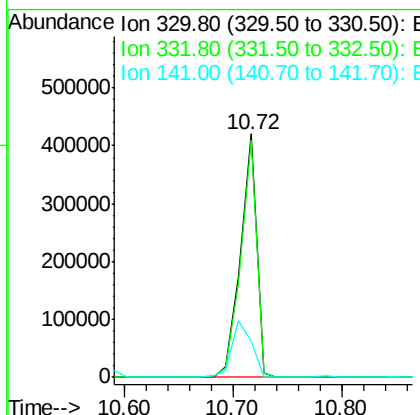
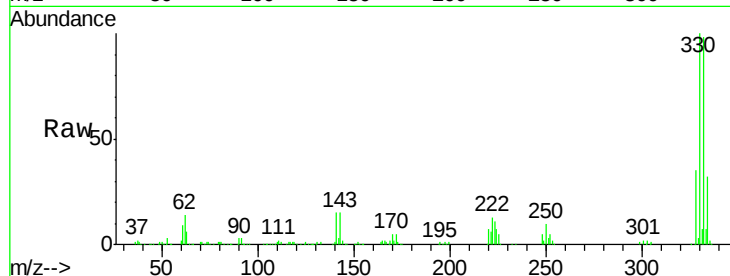
#41
 2,4,6-Tribromophenol
 Concen: 109.73 ng
 RT: 10.72 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	427196		
332	96.4	76.2	114.4	
141	28.0	33.6	50.4	

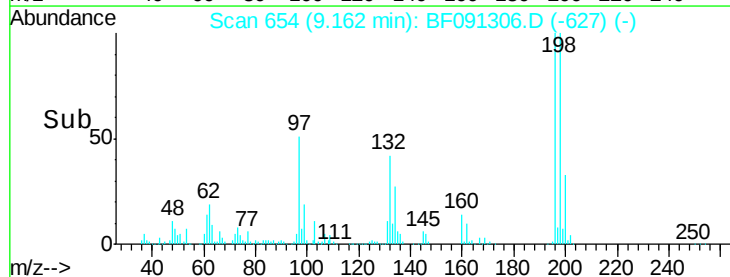
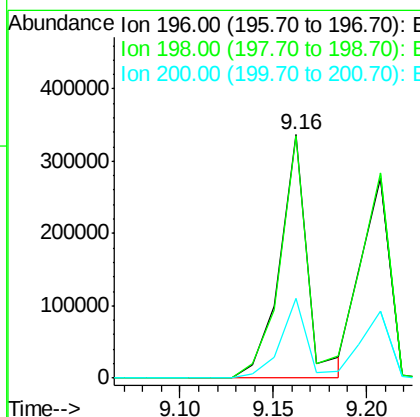
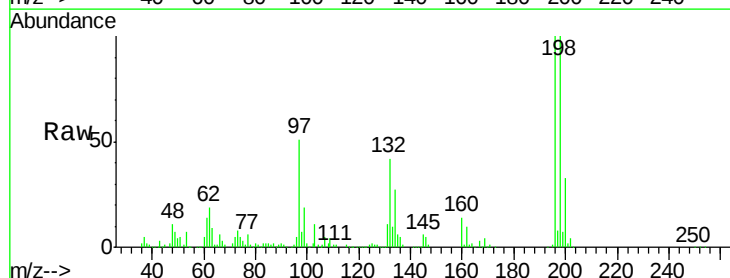
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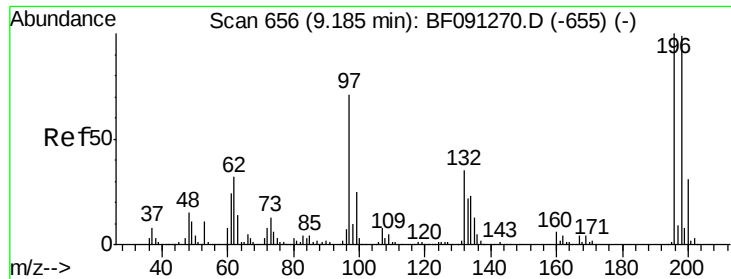
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#42
 2,4,6-Trichlorophenol
 Concen: 47.98 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	346212		
198	99.5	77.4	116.0	
200	32.7	25.2	37.8	





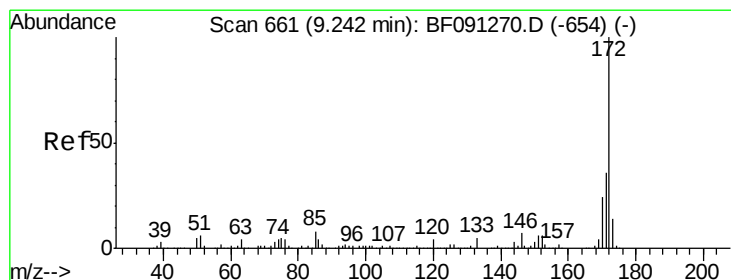
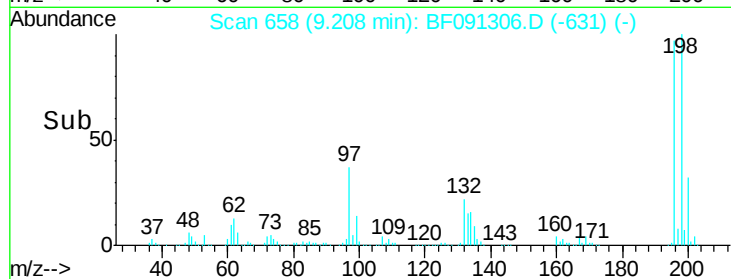
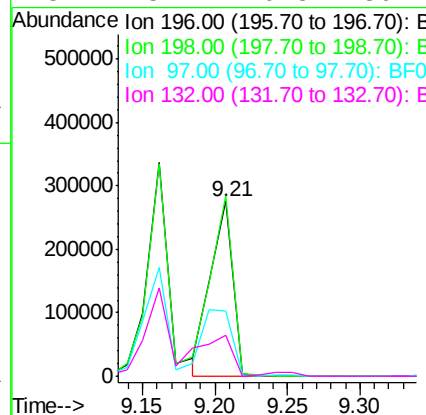
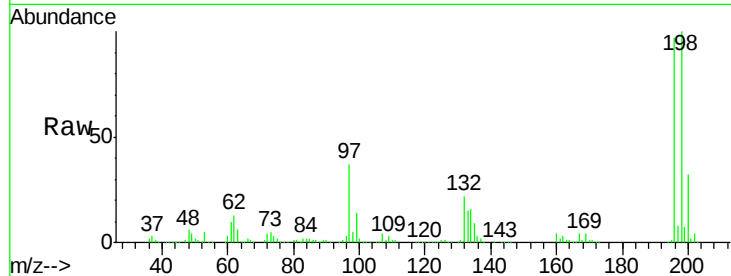
#43
 2,4,5-Trichlorophenol
 Concen: 42.82 ng
 RT: 9.21 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tot Ion:	196	Resp:	296853
Ion Ratio		Lower	Upper
196	100		
198	103.1	77.0	115.6
97	37.6	33.5	50.3
132	23.2	20.5	30.7

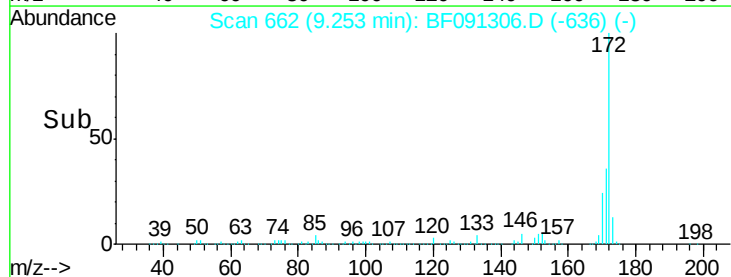
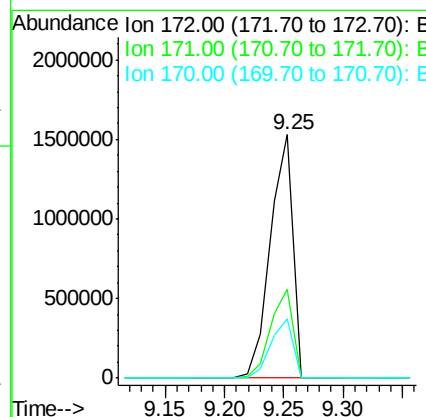
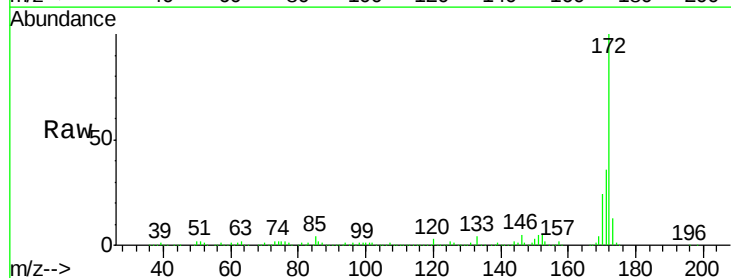
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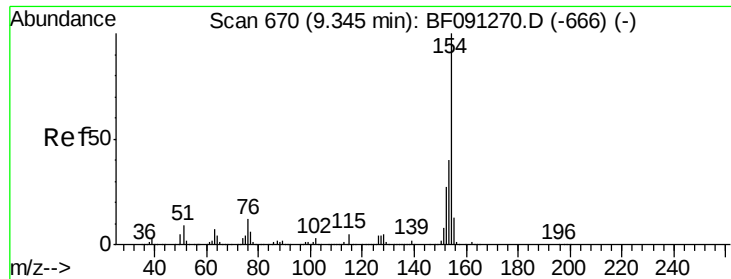
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#44
 2-Fluorobiphenyl
 Concen: 85.78 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion:	172	Resp:	2022577
Ion Ratio		Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	19.7	29.5





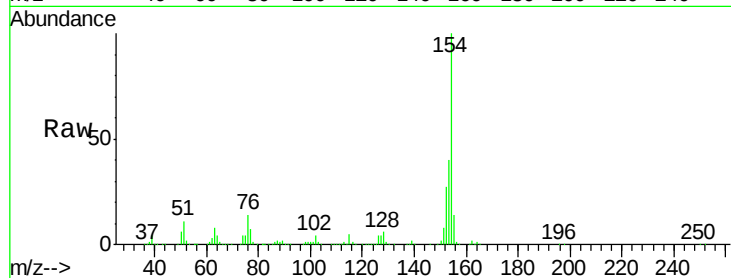
#45
1,1'-Biphenyl
Concen: 39.16 ng
RT: 9.34 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampled :
PB94898BS

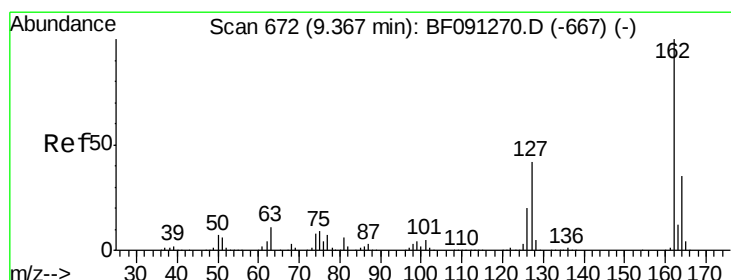
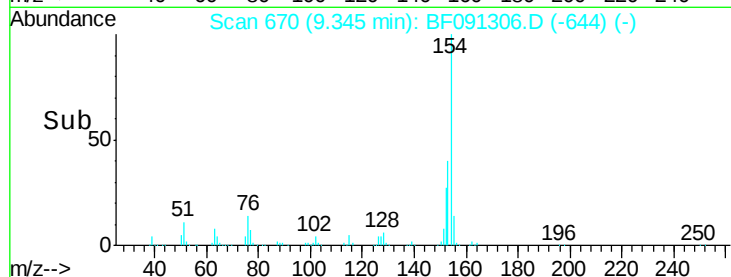
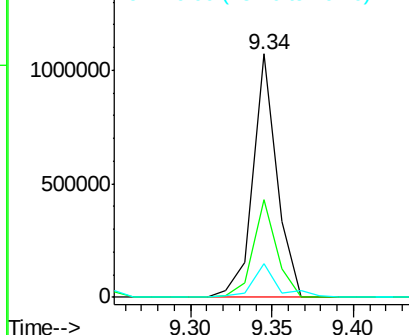
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	13.7	0.0	36.6

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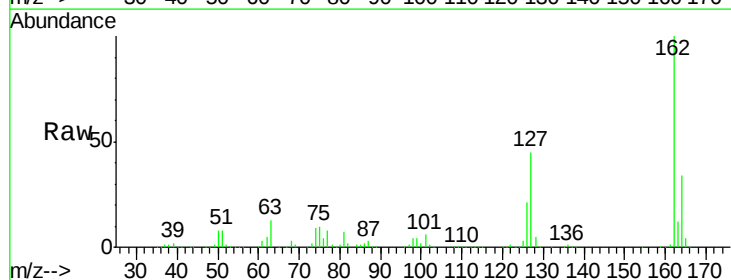


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

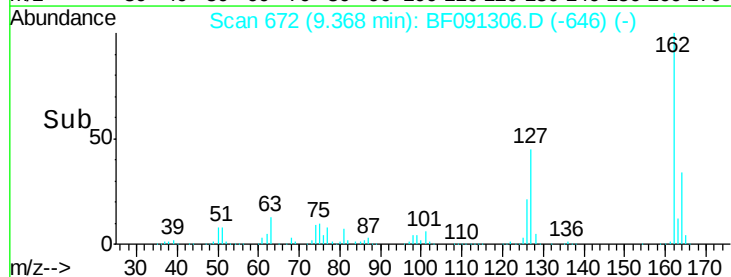
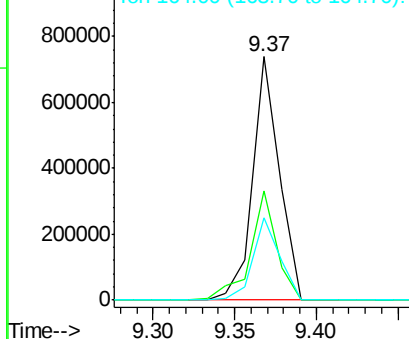


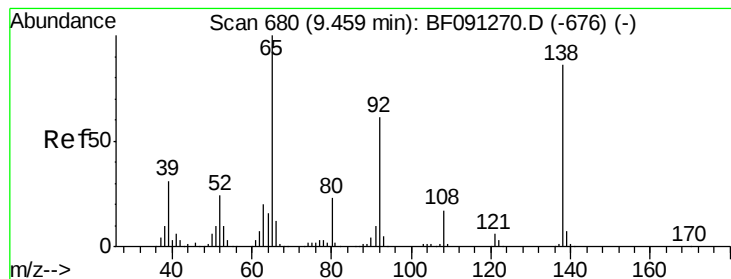
#46
2-Chloronaphthalene
Concen: 40.92 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.9	34.3	51.5
164	33.9	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: 40.54 ng

RT: 9.46 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

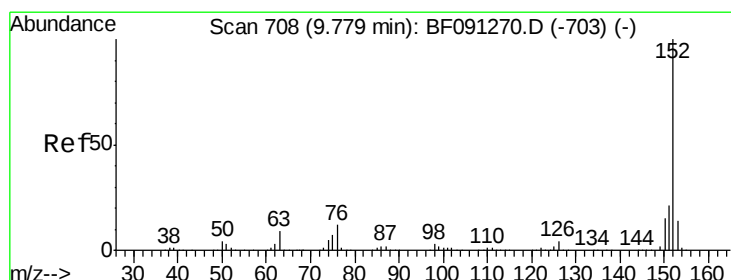
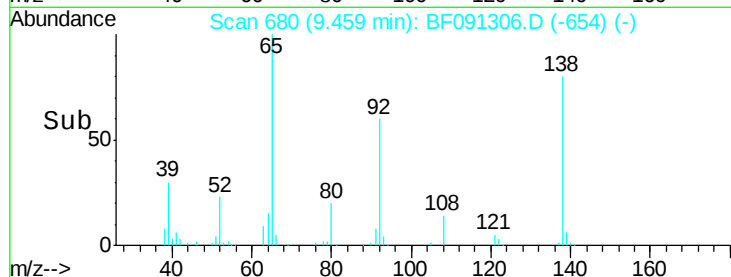
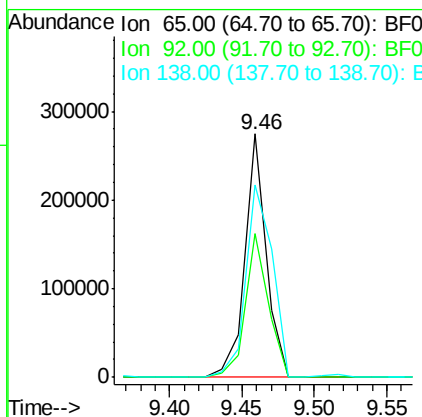
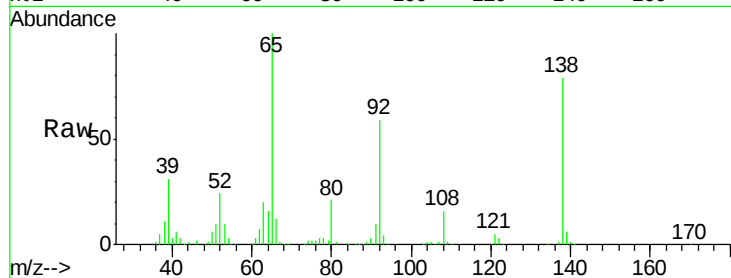
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
65	100		
92	59.2	53.6	80.4
138	79.1	91.0	136.6

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#48

Acenaphthylene

Concen: 41.19 ng

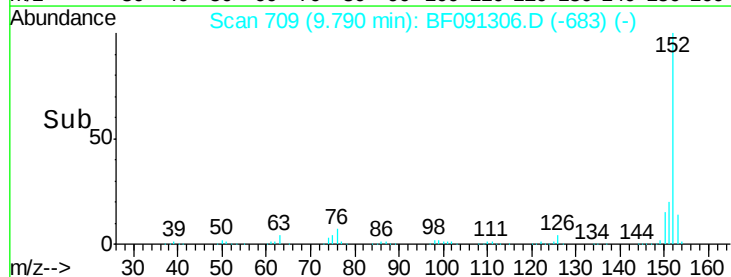
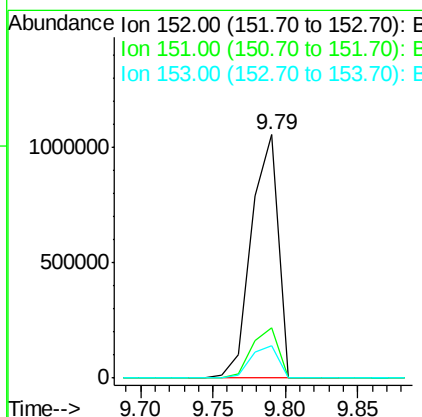
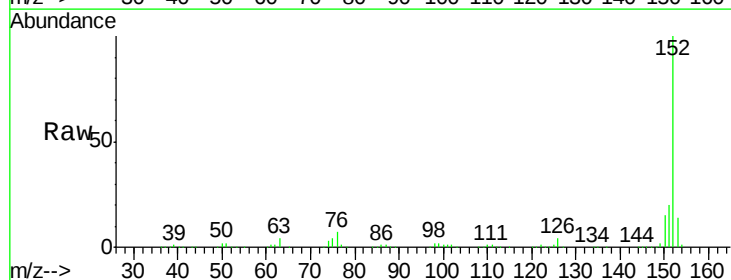
RT: 9.79 min Scan# 709

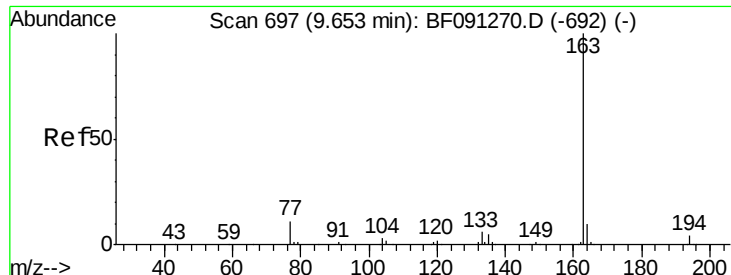
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	13.6	10.7	16.1





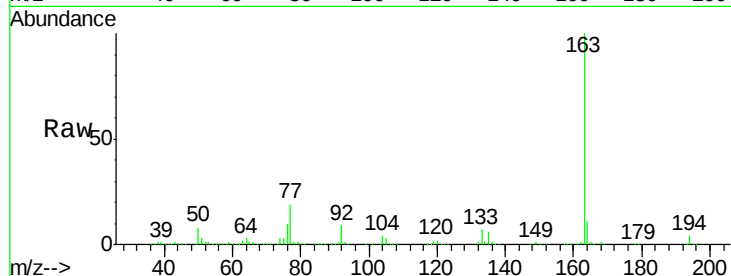
#49
Dimethylphthalate
Concen: 46.51 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

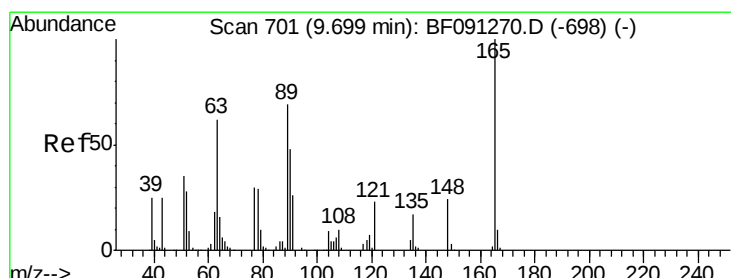
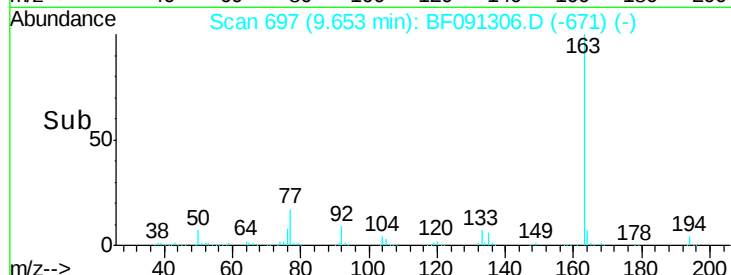
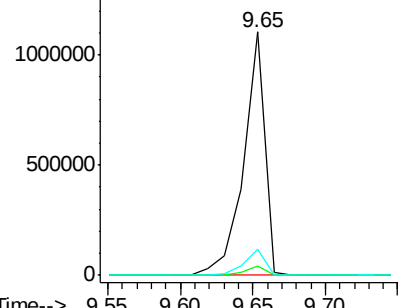
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	10.7	7.8	11.8

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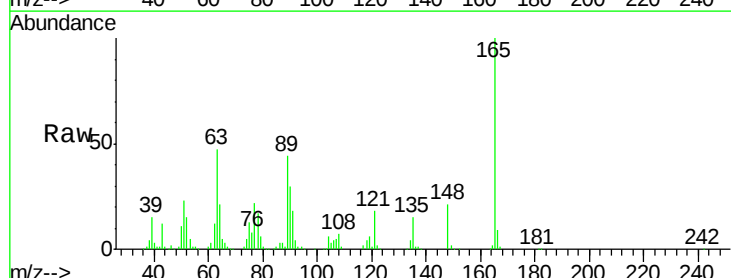


Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

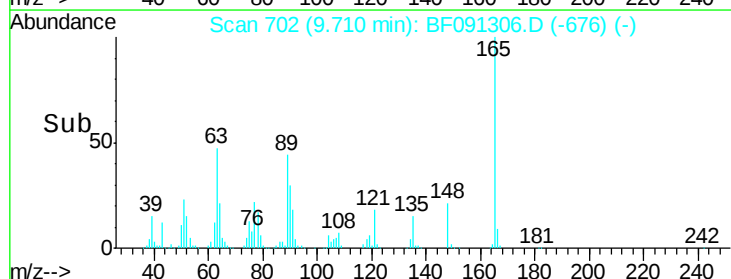
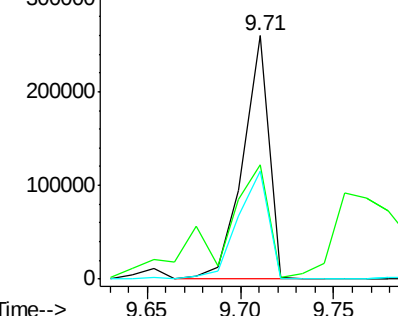


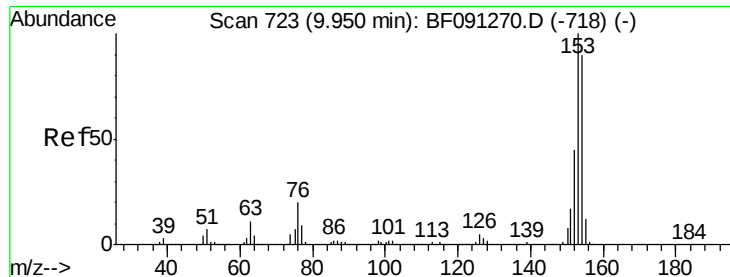
#50
2,6-Dinitrotoluene
Concen: 48.44 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.9	59.4	89.0#
89	44.3	50.8	76.2#



Abundance Ion 165.00 (164.70 to 165.70): E
300000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.91 ng

RT: 9.96 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

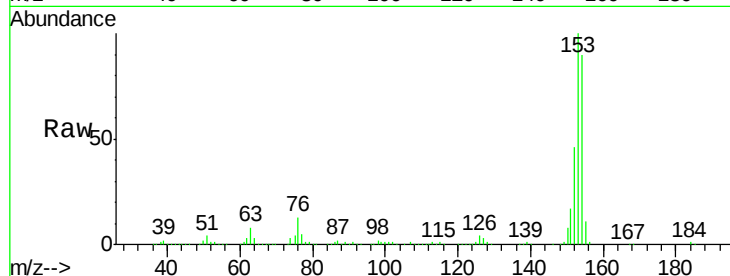
ClientSampleId :

PB94898BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.2	91.0	136.6
152	51.2	44.2	66.2

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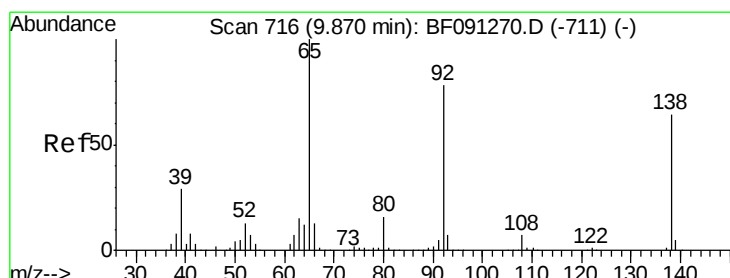
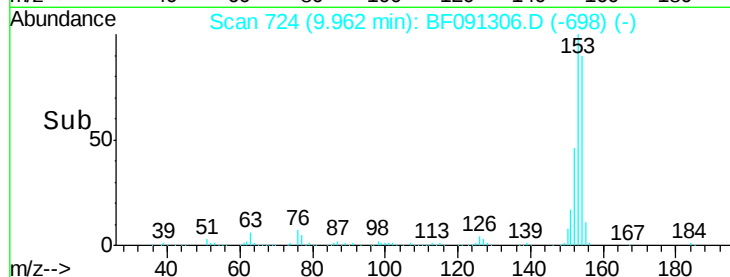
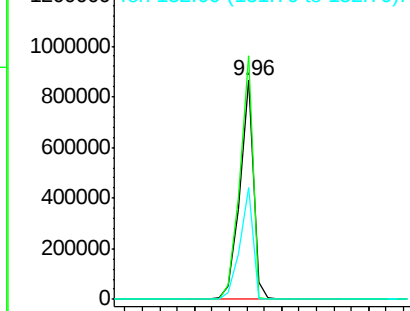
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.46 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091306.D

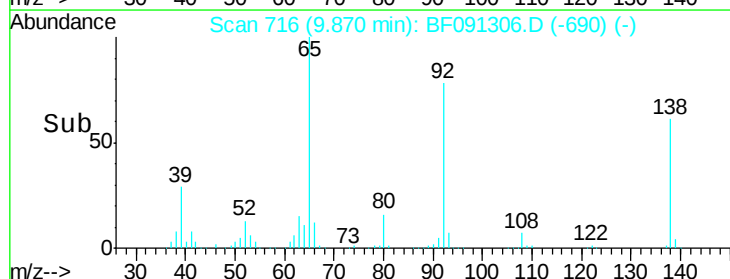
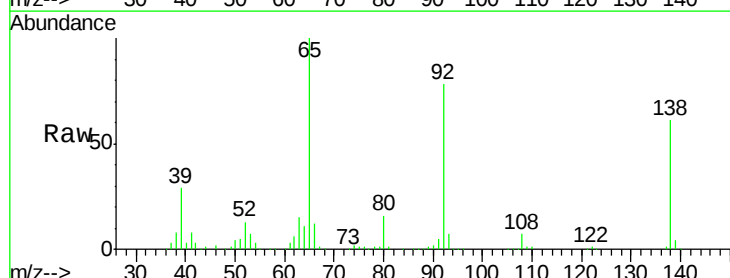
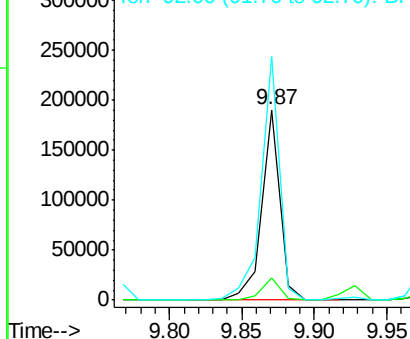
Acq: 24 Nov 2016 10:22

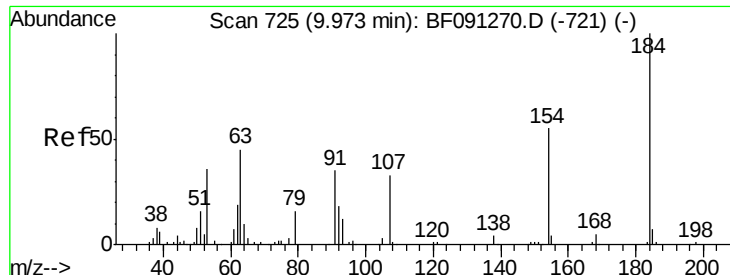
Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.8	8.1	12.1
92	128.0	92.5	138.7

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





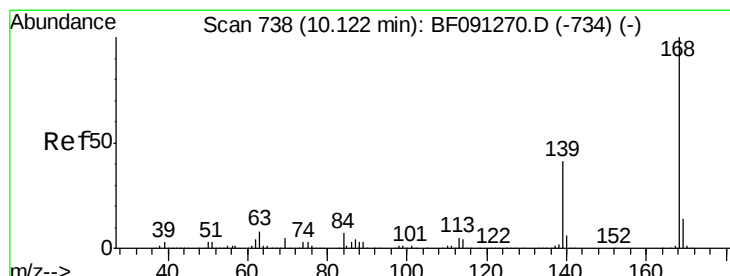
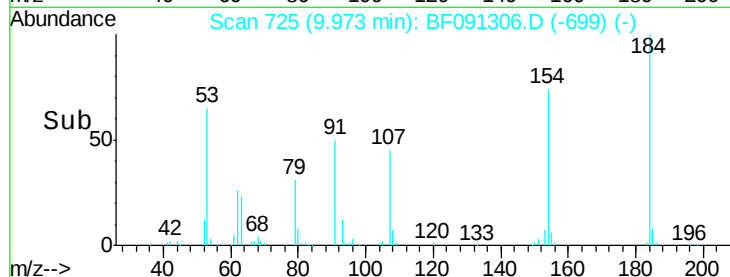
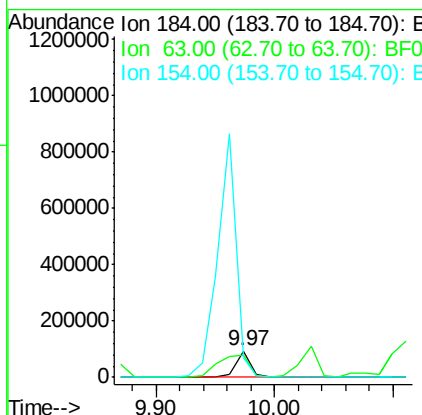
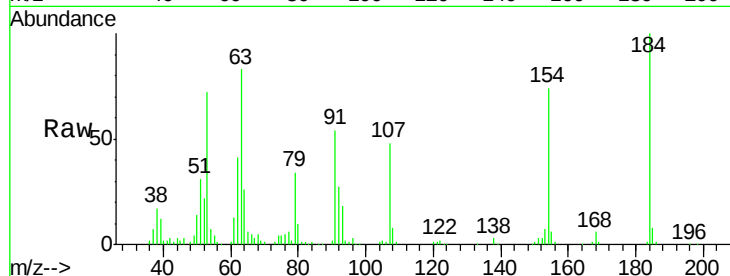
#53
2,4-Dinitrophenol
Concen: 48.80 ng
RT: 9.97 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	80390		
63	82.8	58.3	87.5	
154	74.0	48.6	73.0	

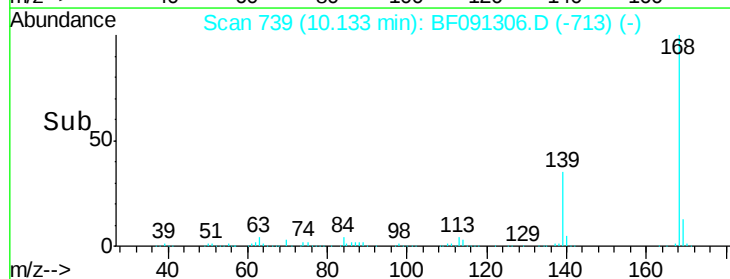
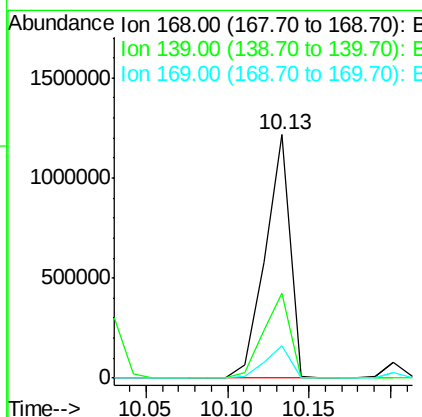
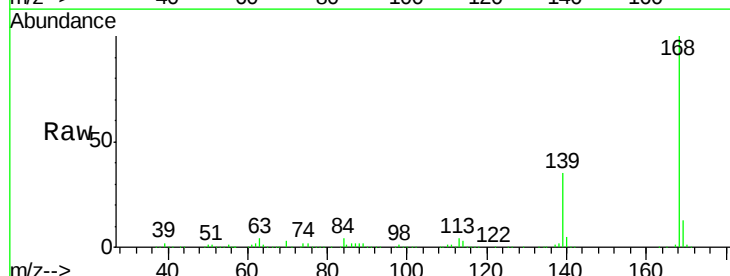
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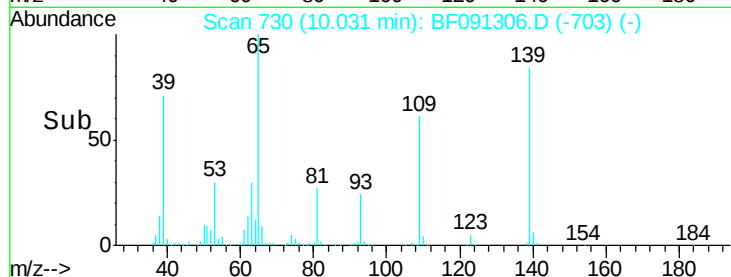
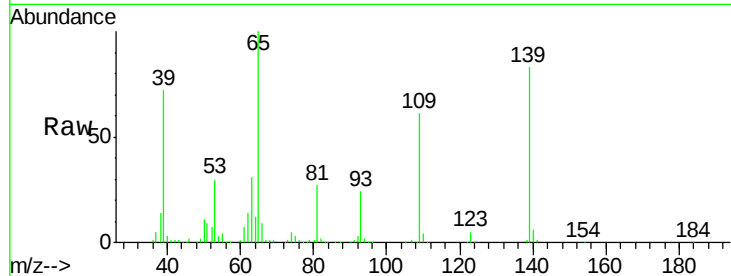
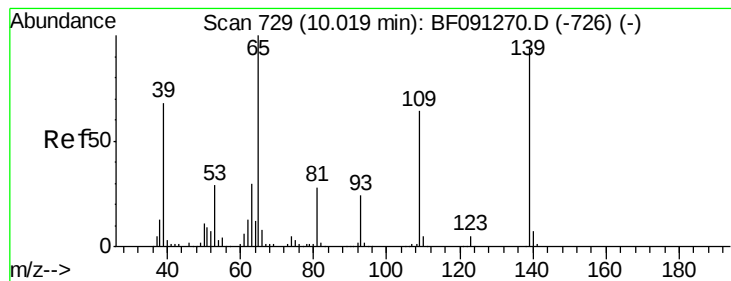
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#54
Dibenzofuran
Concen: 41.05 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1284112		
139	34.6	33.4	50.2	
169	13.5	11.1	16.7	





#55

4-Nitrophenol

Concen: 76.06 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tot Ion:	139	Resp:	310545
Ion Ratio	Lower	Upper	
139	100		
109	72.6	54.9	94.9
65	119.8	102.2	142.2

Instrument :

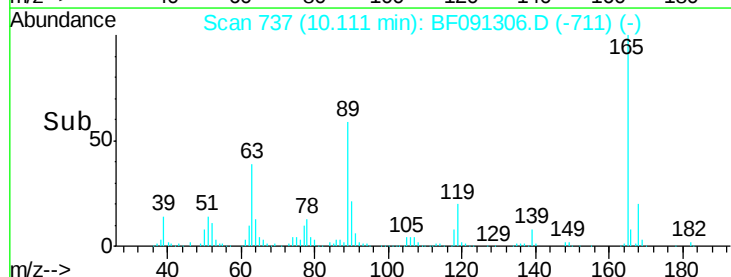
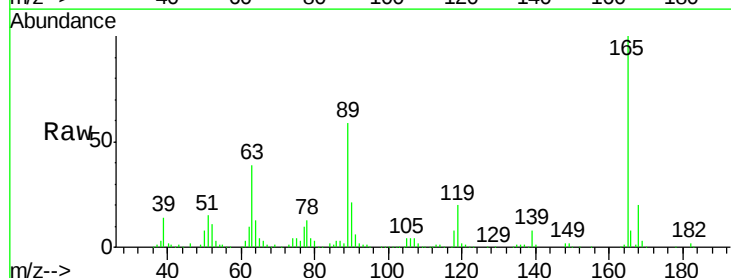
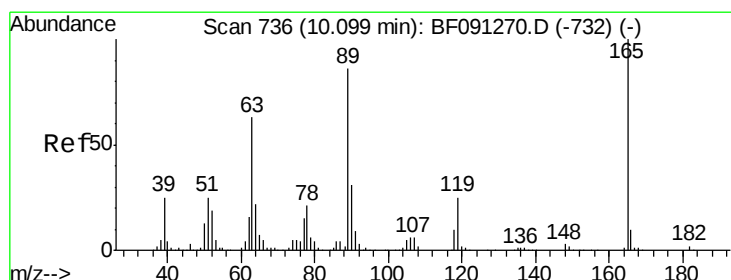
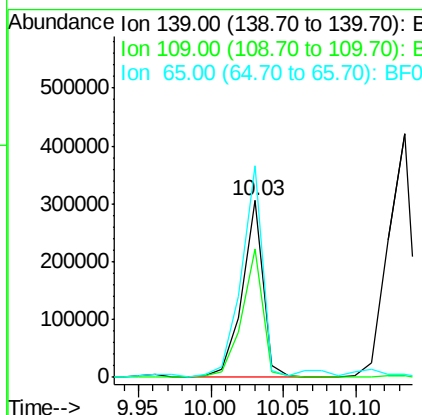
BNA_F

ClientSampleId :

PB94898BS

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#56

2,4-Dinitrotoluene

Concen: 47.52 ng

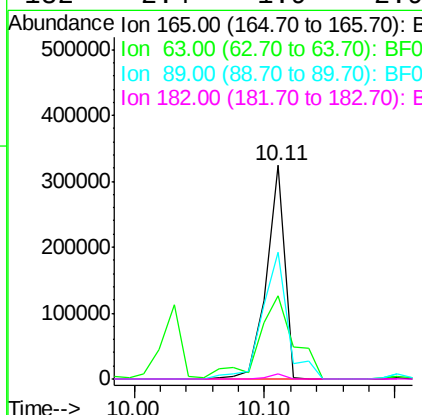
RT: 10.11 min Scan# 737

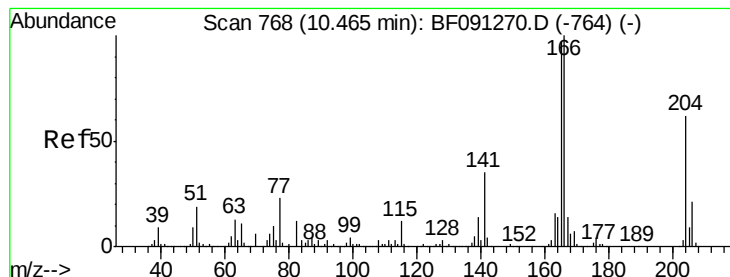
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	165	Resp:	316616
Ion Ratio	Lower	Upper	
165	100		
63	39.2	29.0	43.4
89	59.2	43.1	64.7
182	2.4	1.9	2.9





#57

Fluorene

Concen: 38.23 ng

RT: 10.48 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

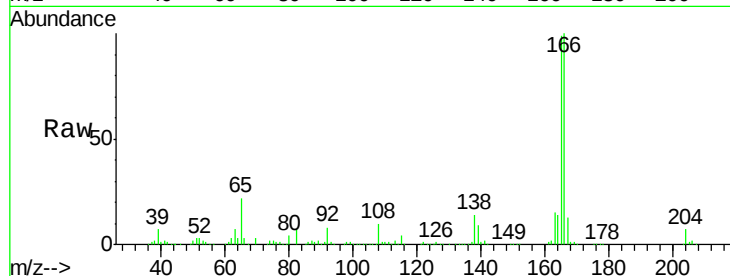
ClientSampleId :

PB94898BS

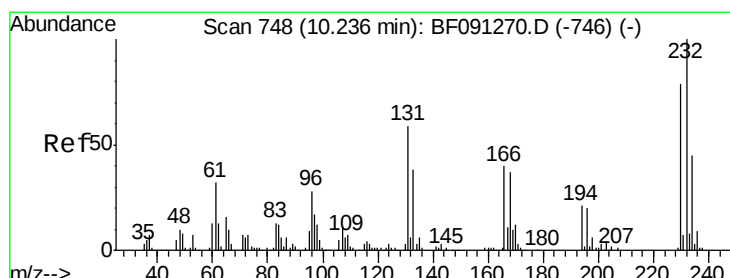
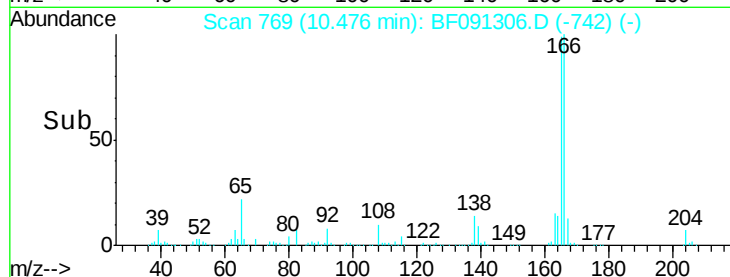
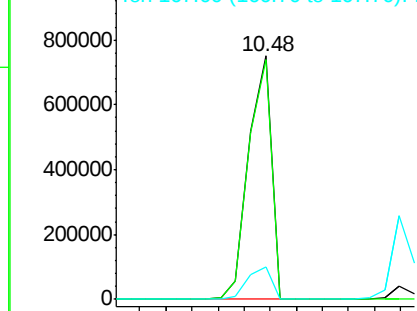
Tot Ion:	166	Resp:	915162
Ion Ratio		Lower	Upper
166	100		
165	98.6	80.0	120.0
167	13.3	10.8	16.2

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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: 41.61 ng

RT: 10.25 min Scan# 749

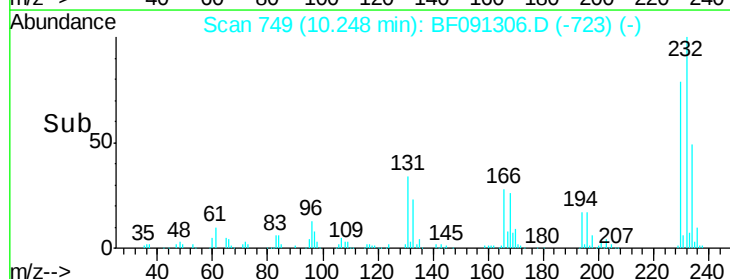
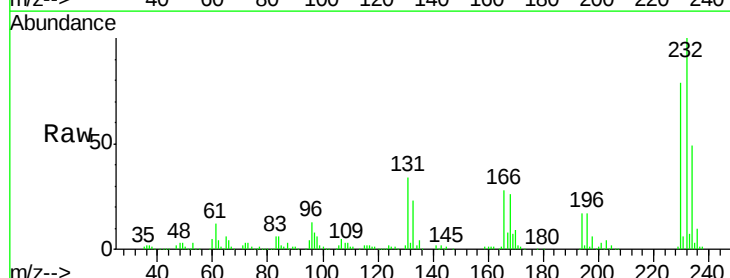
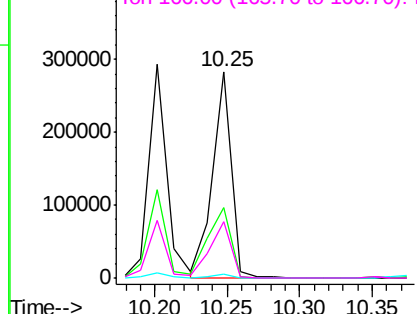
Delta R.T. -0.00 min

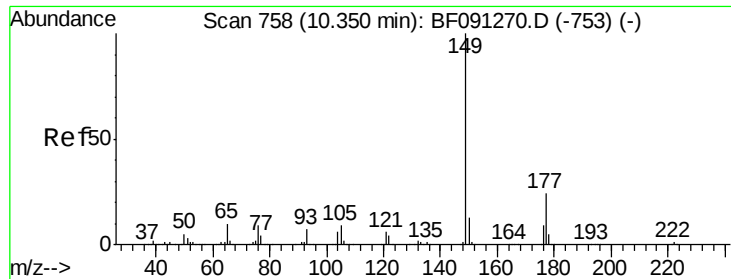
Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	232	Resp:	253621
Ion Ratio		Lower	Upper
232	100		
131	41.6	38.4	57.6
130	2.0	1.8	2.8
166	30.7	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





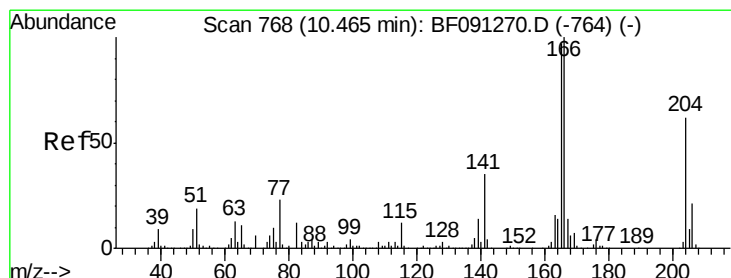
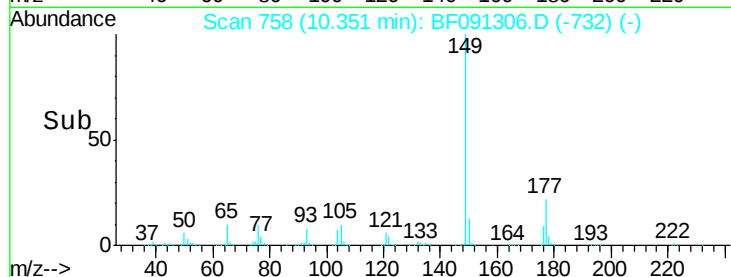
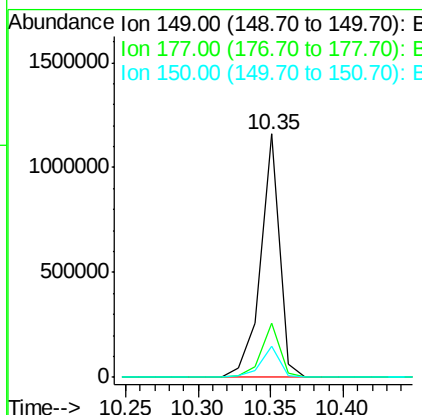
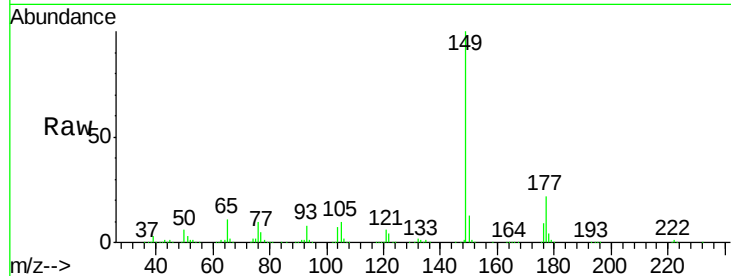
#59
Diethylphthalate
Concen: 43.18 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	15.7	23.5
150	12.6	10.2	15.2

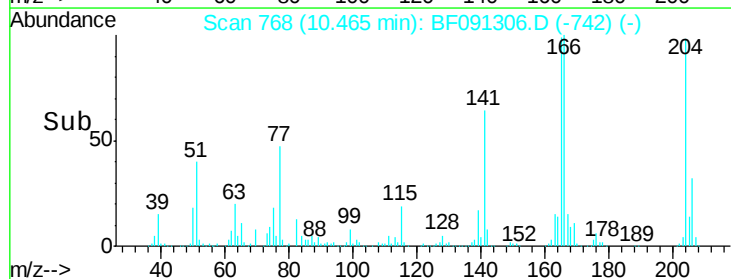
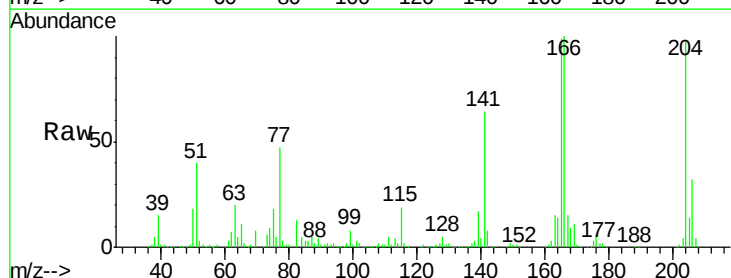
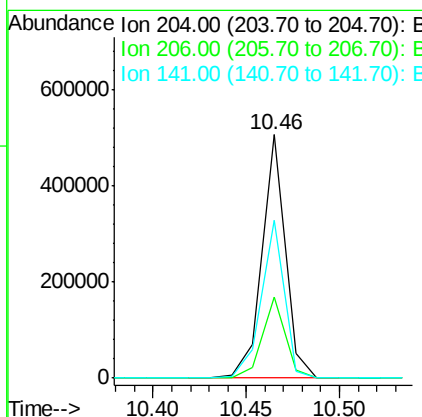
Manual Integrations
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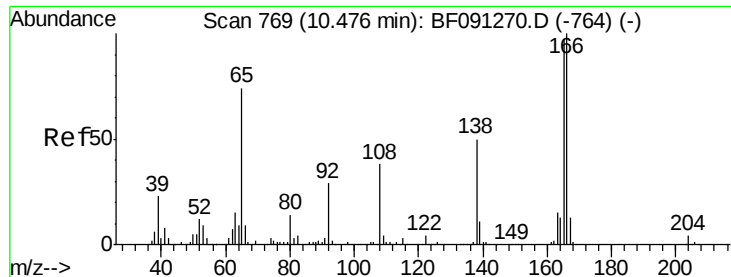
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#60
4-Chlorophenyl-phenylether
Concen: 39.31 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.1	39.1
141	65.0	40.6	61.0





#61

4-Nitroaniline

Concen: 38.56 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

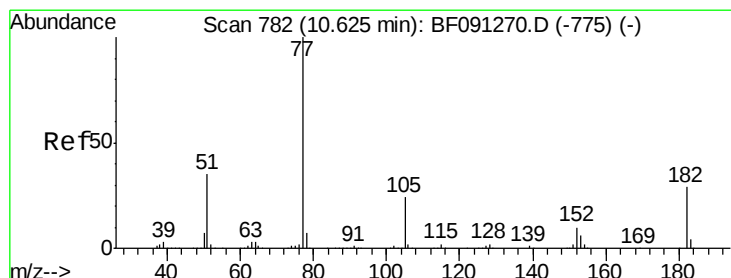
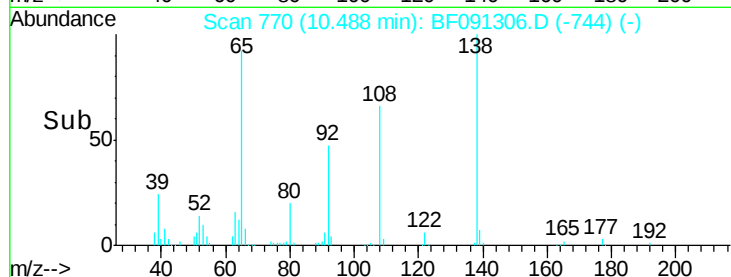
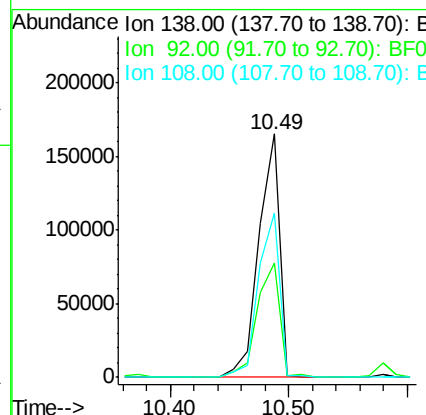
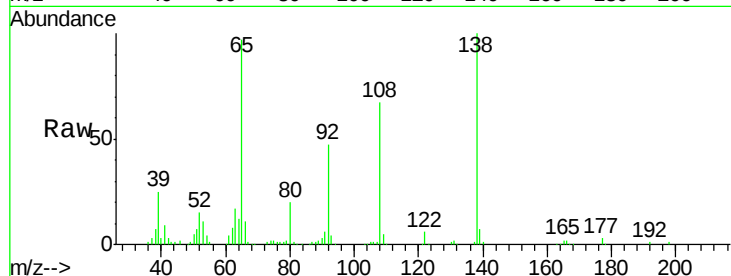
ClientSampleId :

PB94898BS

Tot Ion:	138	Resp:	203680
Ion Ratio	Lower	Upper	
138	100		
92	47.2	26.9	66.9
108	67.3	49.1	89.1

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#62

Azobenzene

Concen: 44.62 ng

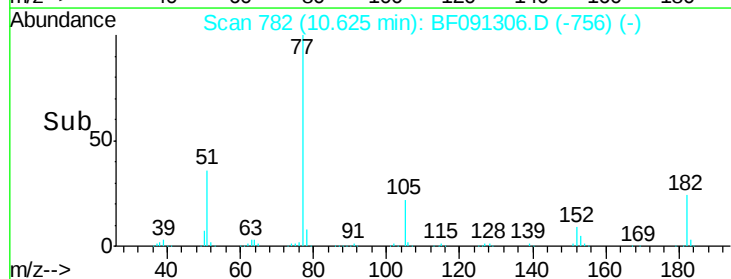
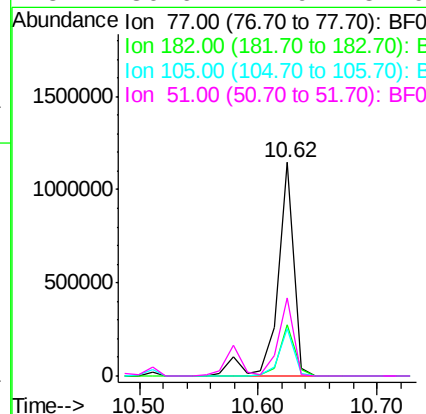
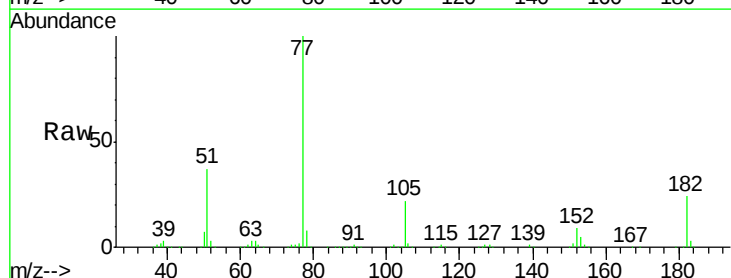
RT: 10.62 min Scan# 782

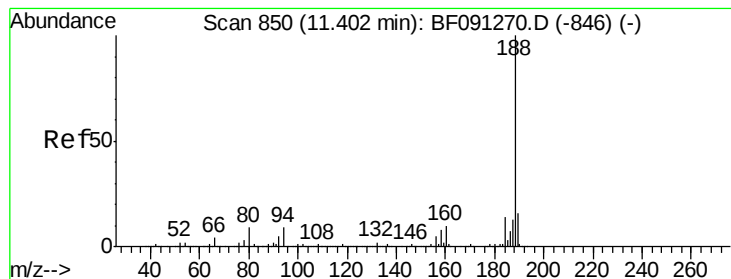
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	77	Resp:	1097724
Ion Ratio	Lower	Upper	
77	100		
182	23.8	12.5	52.5
105	22.2	3.7	43.7
51	36.6	11.9	51.9





#63

Phenanthrene-d10

Concen: 40.00 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleId :

PB94898BS

Tot Ion:188 Resp: 1055860

Ion Ratio Lower Upper

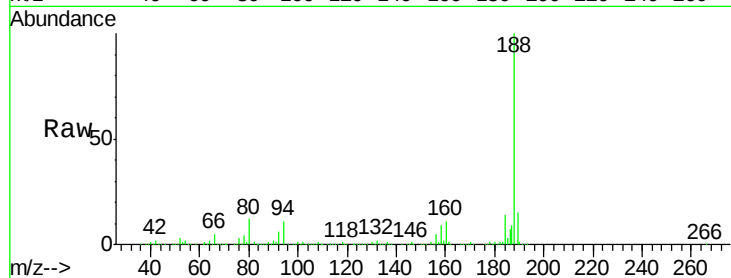
188 100

94 10.7 9.2 13.8

80 11.9 10.5 15.7

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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

1000000

800000

600000

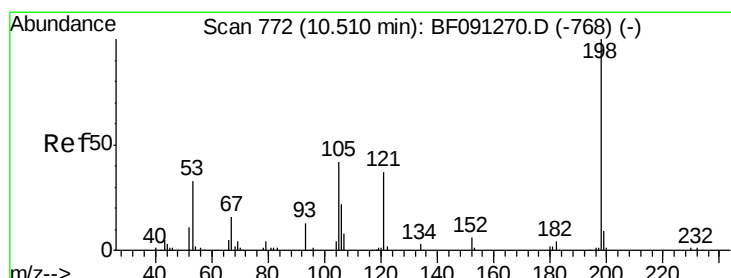
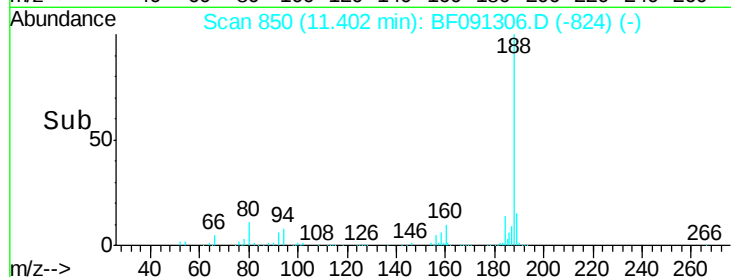
400000

200000

0

11.35 11.40 11.45

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 25.47 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

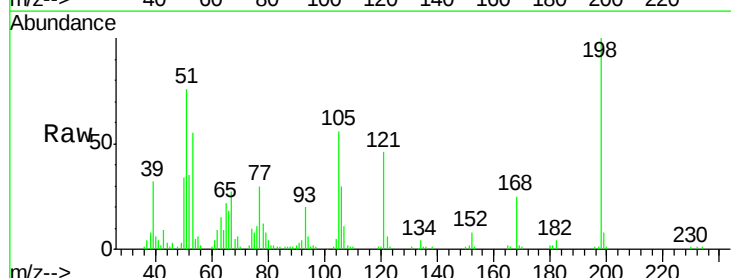
Tgt Ion:198 Resp: 60990

Ion Ratio Lower Upper

198 100

51 75.8 77.1 117.1#

105 55.8 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

250000

200000

150000

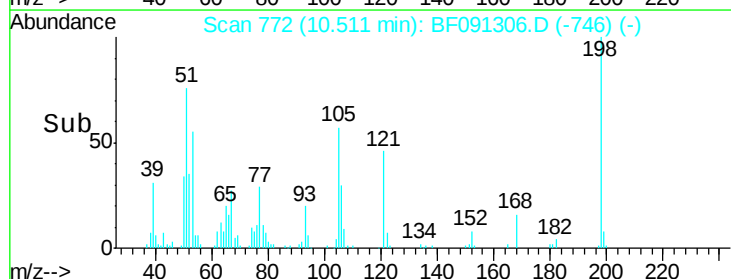
100000

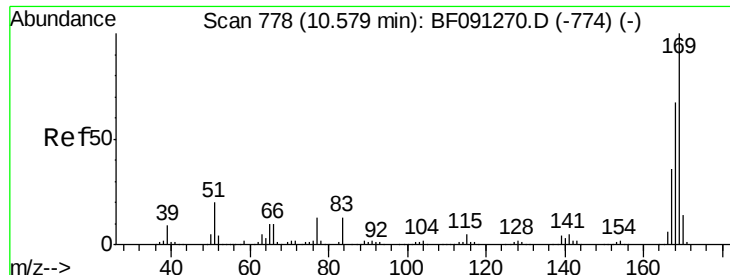
50000

0

10.45 10.50 10.55 10.60

Time-->





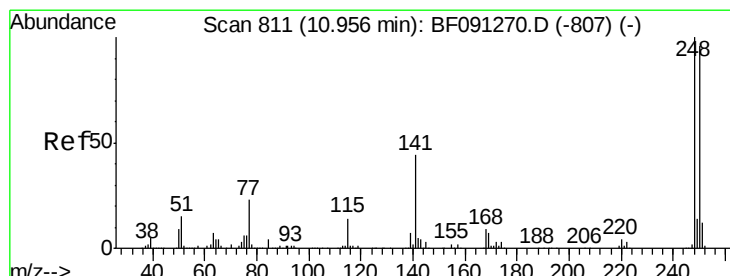
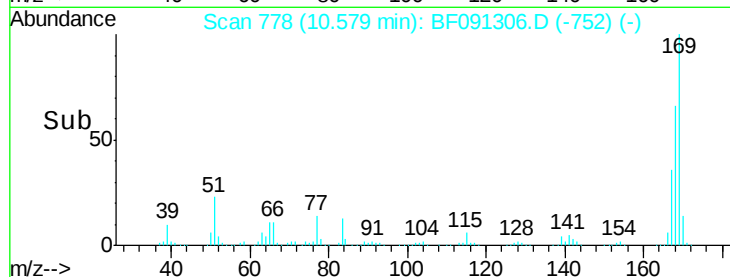
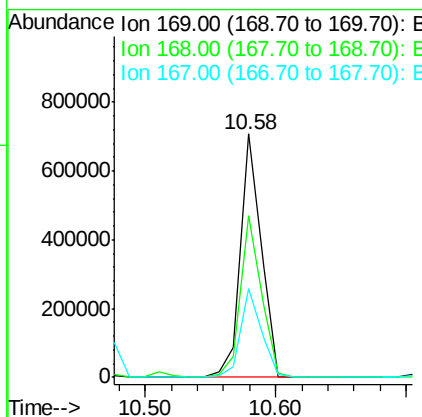
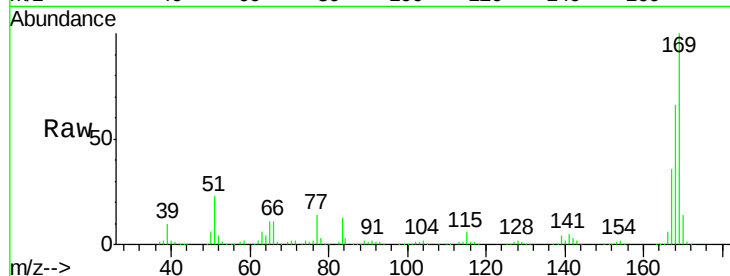
#65
n-Nitrosodiphenylamine
Concen: 48.41 ng
RT: 10.58 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	775975		
168	66.3		53.8	80.8
167	36.4		29.8	44.8

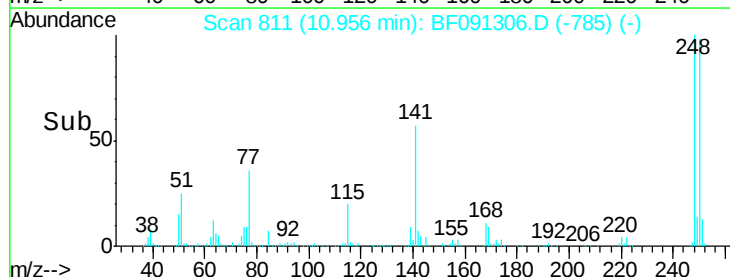
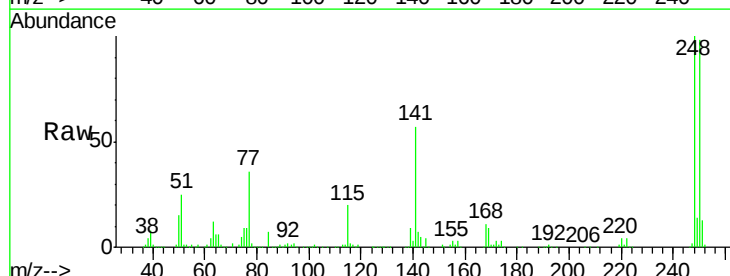
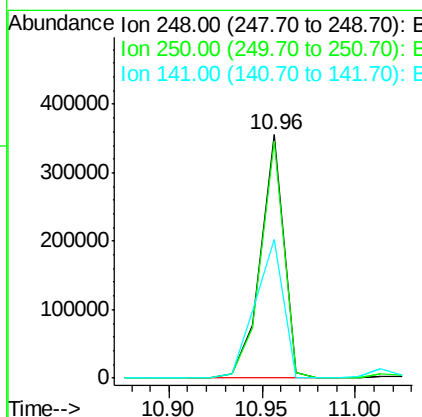
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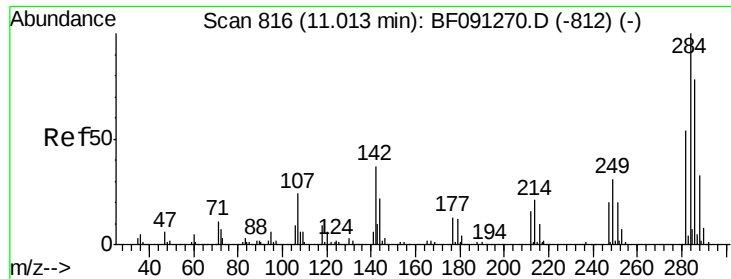
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#66
4-Bromophenyl-phenylether
Concen: 53.11 ng
RT: 10.96 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	306464		
250	97.7		78.2	117.4
141	56.8		71.9	107.9#





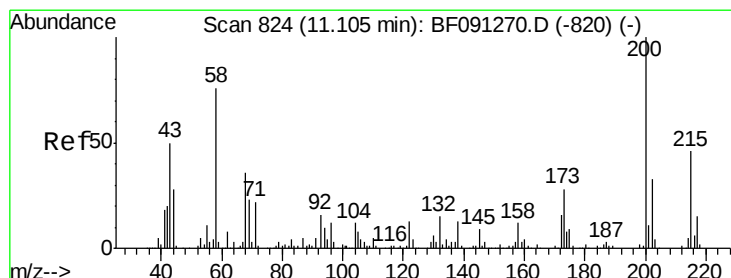
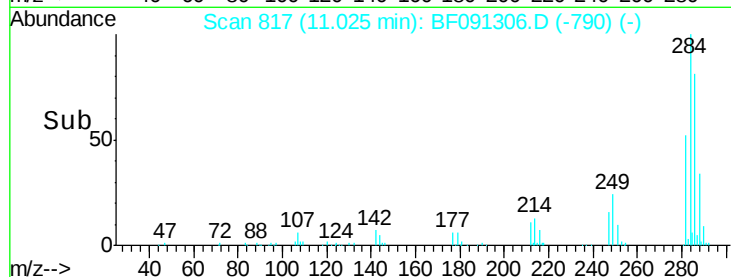
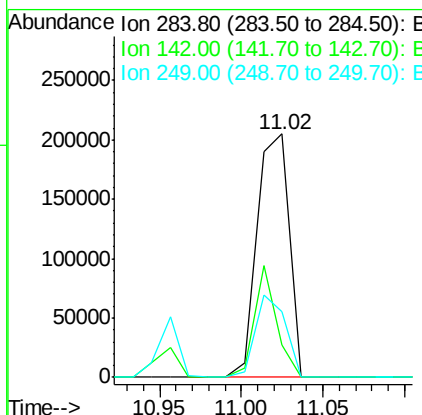
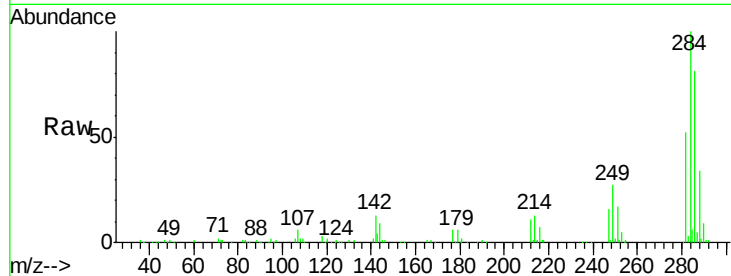
#67
Hexachlorobenzene
Concen: 44.41 ng
RT: 11.02 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	280919		
142	13.1	17.9	26.9	
249	27.1	23.6	35.4	

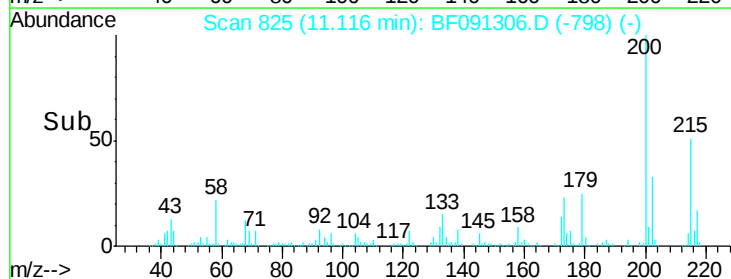
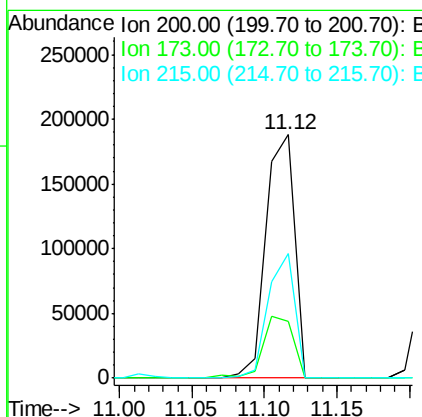
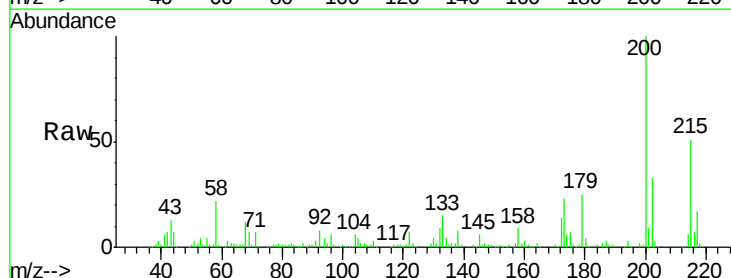
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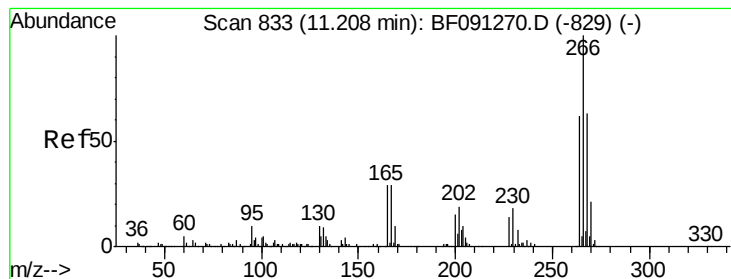
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#68
Atrazine
Concen: 49.01 ng
RT: 11.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	256755		
173	23.1	7.8	47.8	
215	51.2	24.3	64.3	





#69

Pentachlorophenol

Concen: 78.67 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

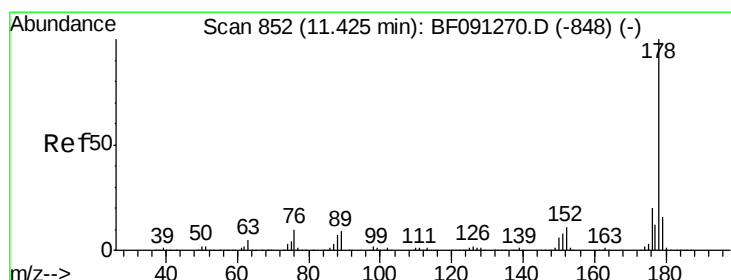
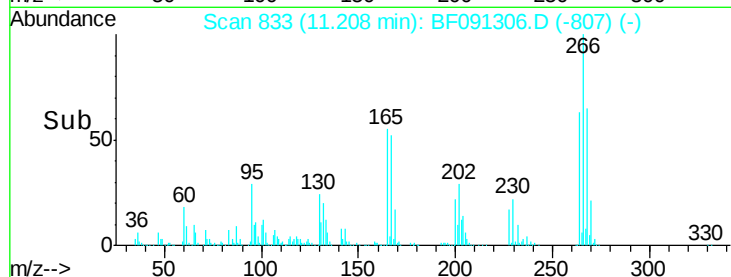
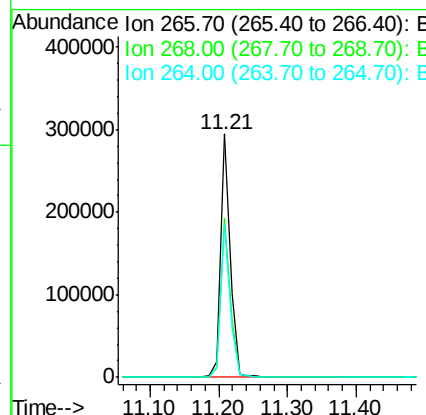
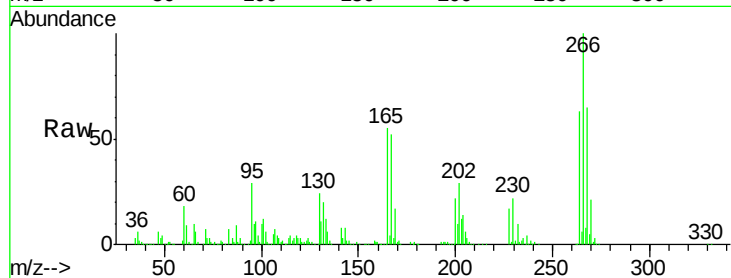
ClientSampleId :

PB94898BS

Tot Ion:	266	Resp:	294396
Ion Ratio	Lower	Upper	
266	100		
268	65.2	50.3	75.5
264	63.0	48.2	72.2

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#70

Phenanthrene

Concen: 46.20 ng

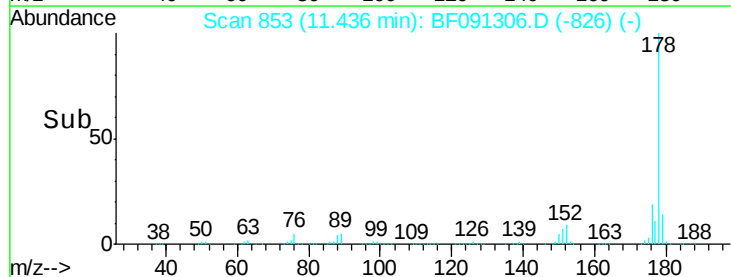
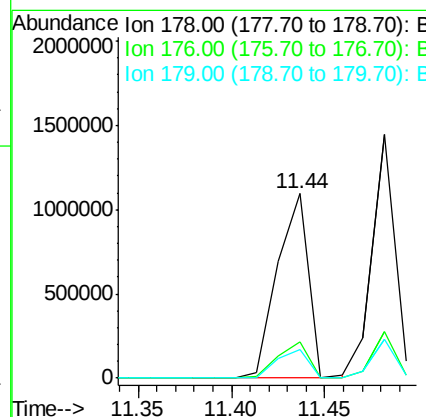
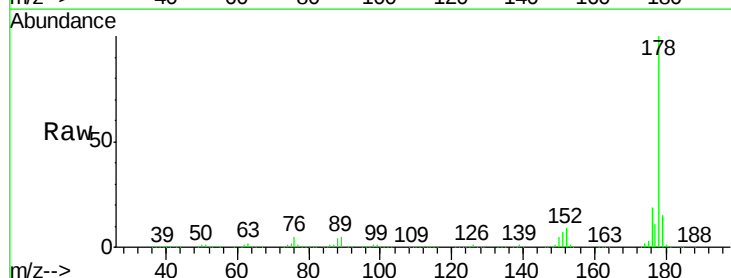
RT: 11.44 min Scan# 853

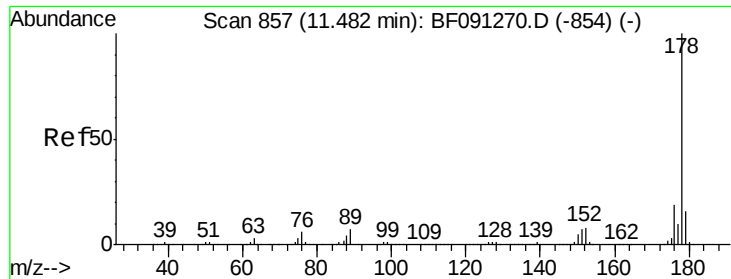
Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:	178	Resp:	1265362
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.9	23.9
179	15.3	12.6	18.8





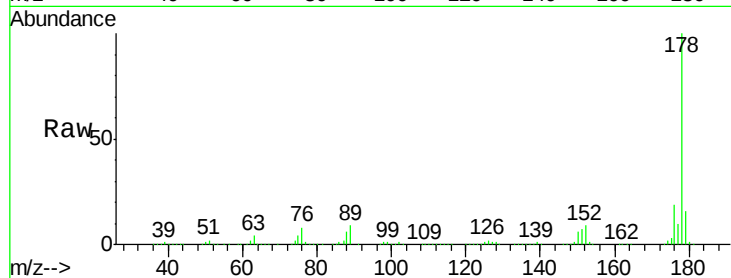
#71
 Anthracene
 Concen: 43.85 ng
 RT: 11.48 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

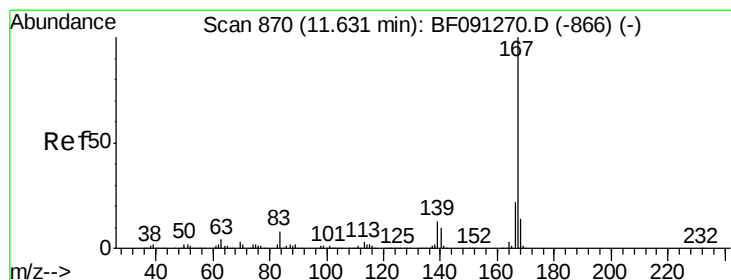
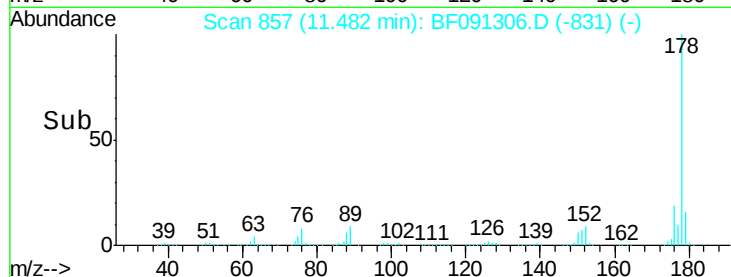
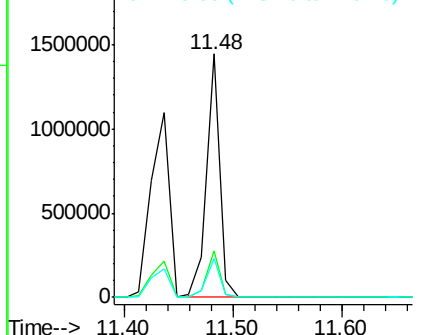
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.9	12.7	19.1

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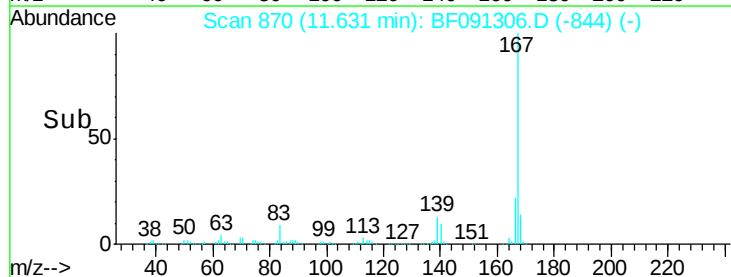
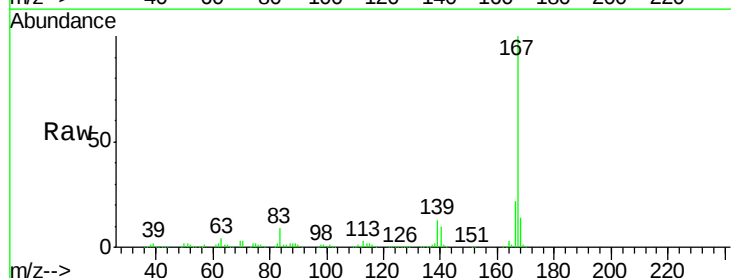
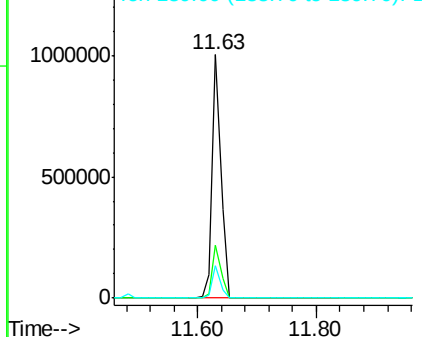
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

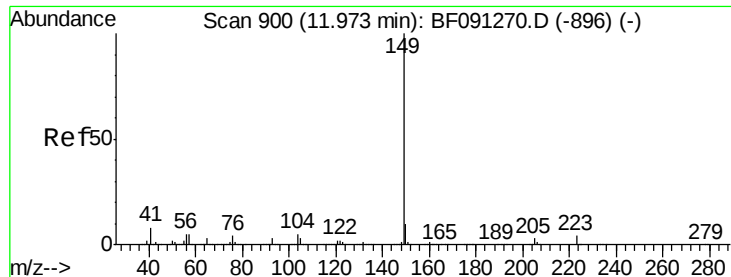


#72
 Carbazole
 Concen: 40.80 ng
 RT: 11.63 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	11.5	17.3

Abundance Ion 167.00 (166.70 to 167.70): E
 1000000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.52 ng

RT: 11.97 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

ClientSampleID :

PB94898BS

Tot Ion:149 Resp: 1457962

Ion Ratio Lower Upper

149 100

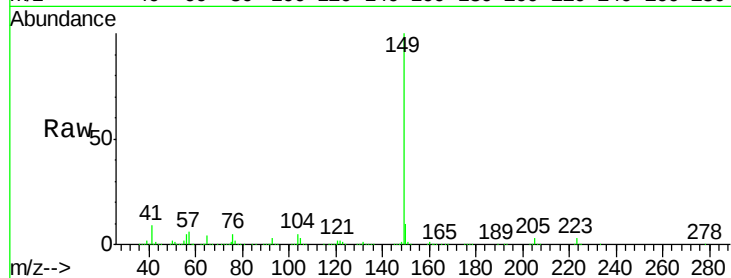
150 9.6 7.5 11.3

104 5.0 4.0 6.0

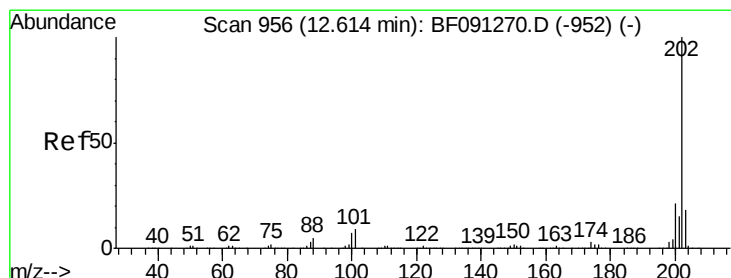
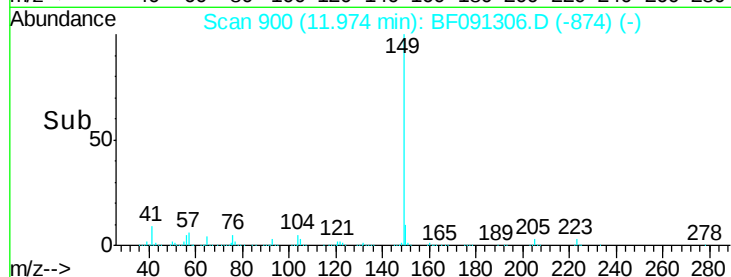
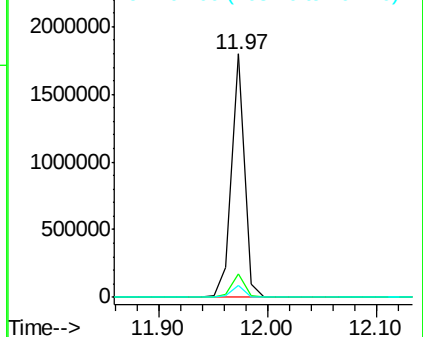
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.01 ng

RT: 12.61 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

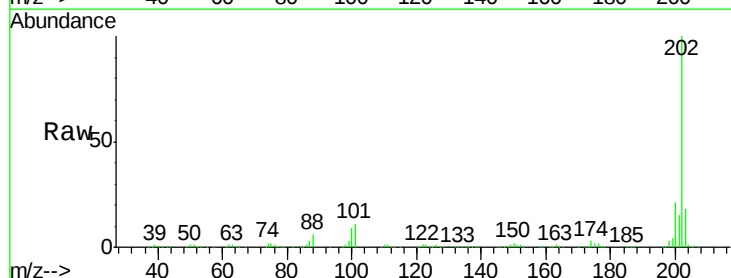
Tgt Ion:202 Resp: 1142371

Ion Ratio Lower Upper

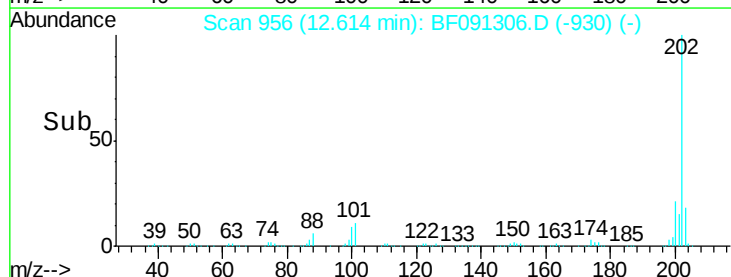
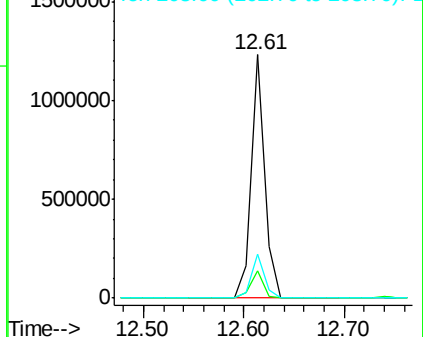
202 100

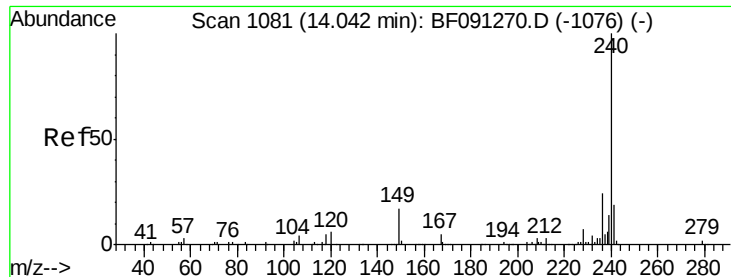
101 11.4 0.0 29.5

203 17.9 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: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

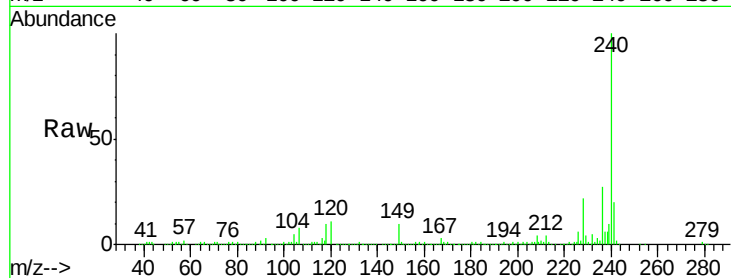
ClientSampleId :

PB94898BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.1	18.1#
236	26.5	21.0	31.6

Manual Integrations
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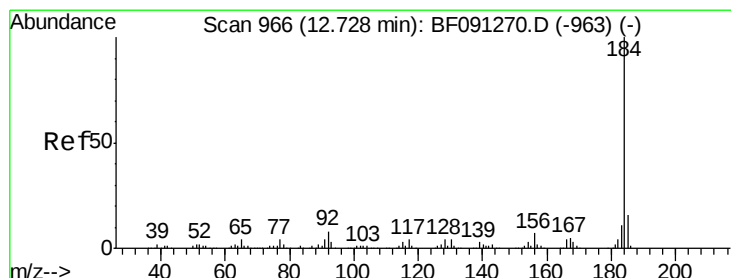
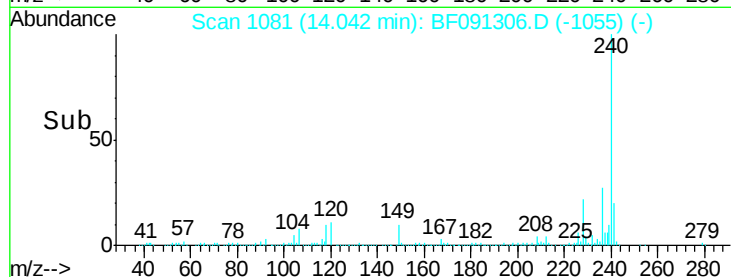
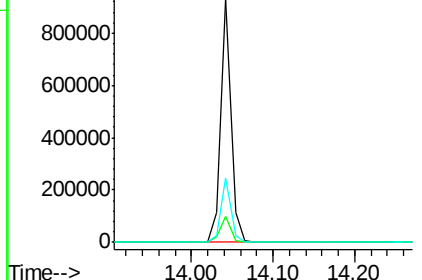
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 108.85 ng

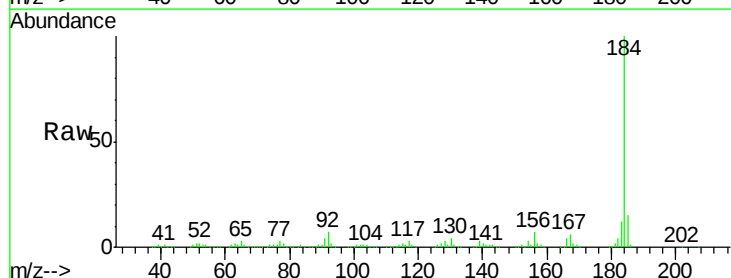
RT: 12.74 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

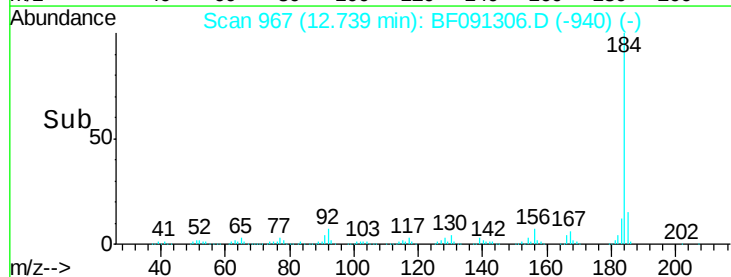
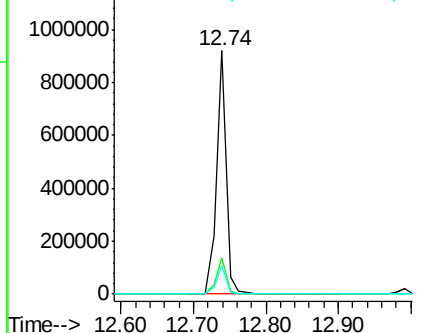
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.1	19.7
183	11.7	8.9	13.3

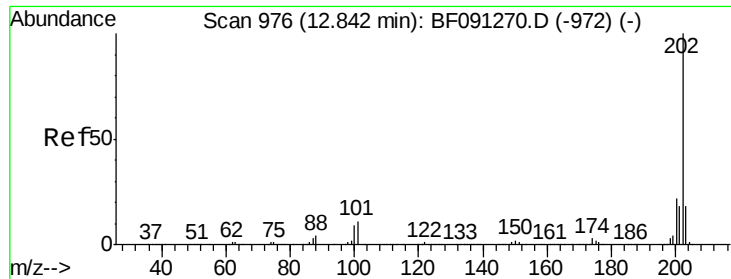


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





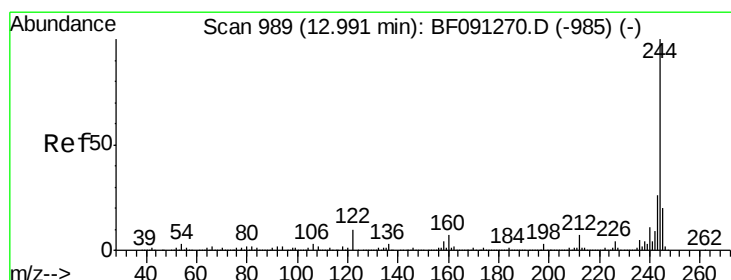
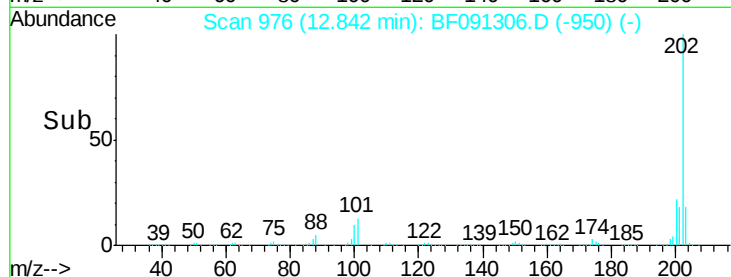
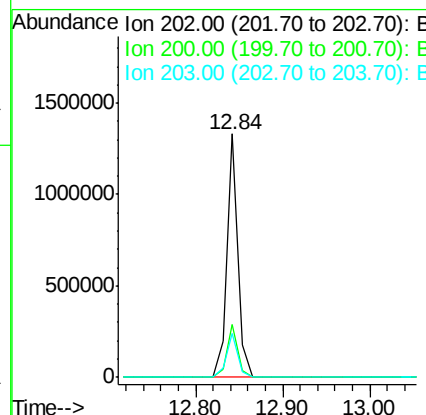
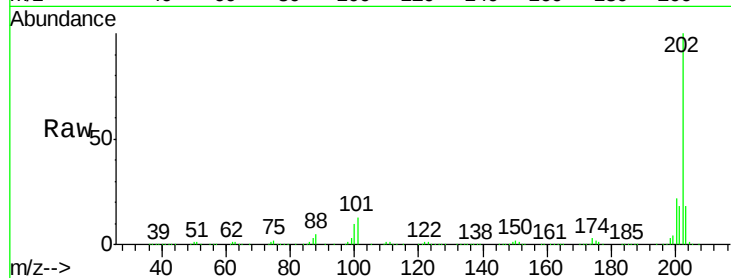
#77
Pvrene
Concen: 39.60 ng
RT: 12.84 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	18.2	14.0	21.0

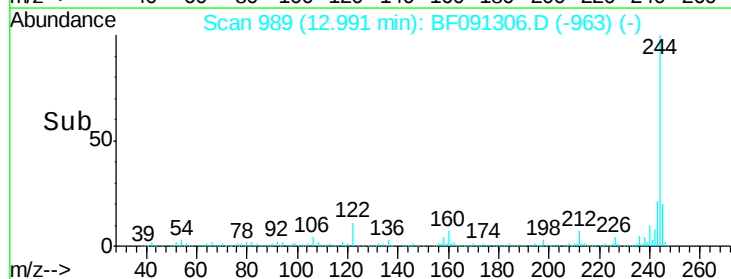
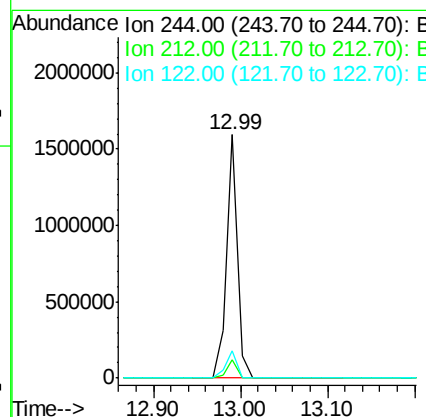
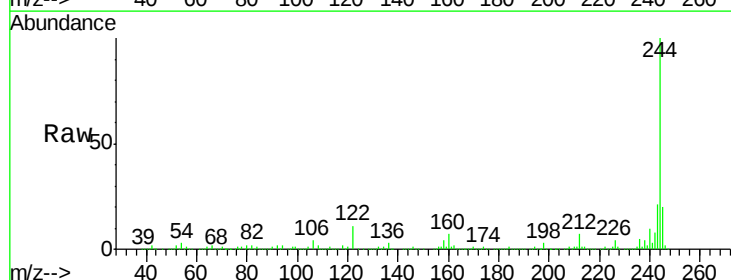
Manual Integrations
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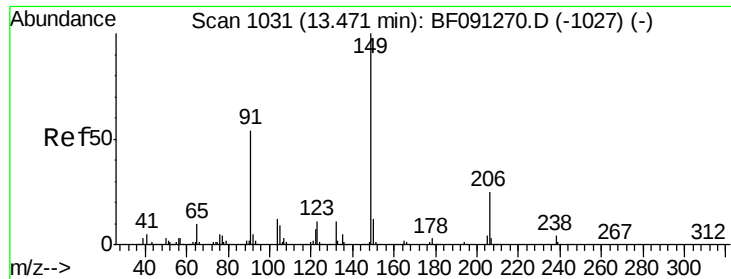
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#78
Terphenyl-d14
Concen: 80.48 ng
RT: 12.99 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	11.2	9.5	14.3





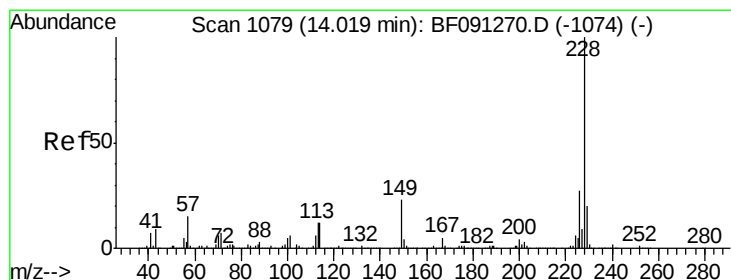
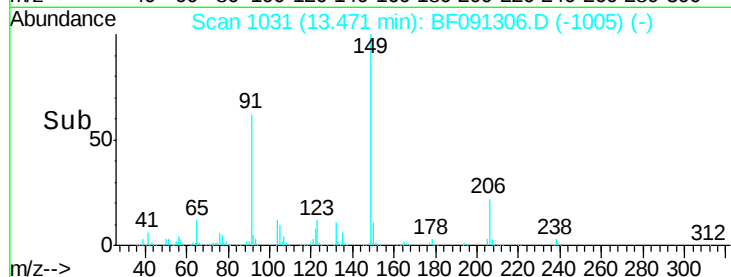
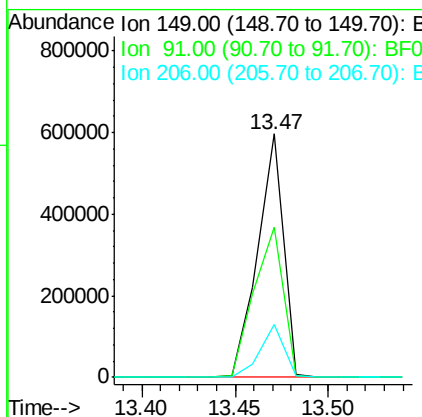
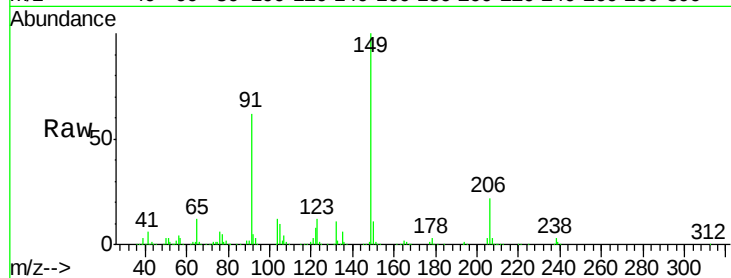
#79
Butylbenzylphthalate
Concen: 47.77 ng
RT: 13.47 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	568768		
91	61.9		57.4	86.2
206	22.0		15.4	23.2

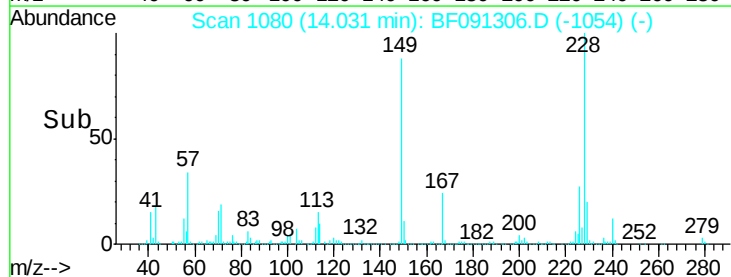
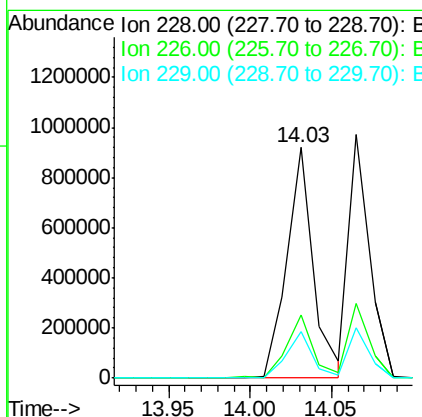
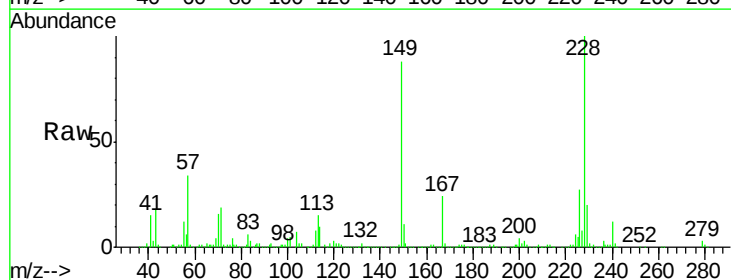
Manual Integrations
APPROVED

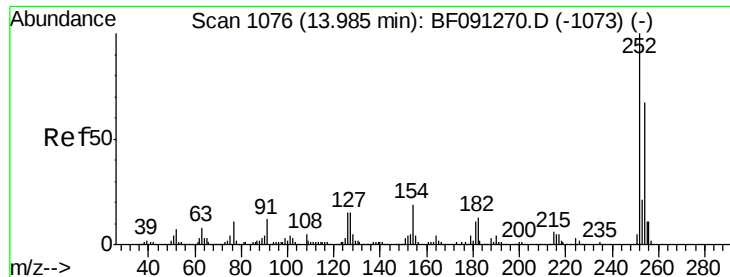
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#80
Benzo(a)anthracene
Concen: 45.91 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1049148		
226	27.3		22.5	33.7
229	20.2		16.4	24.6





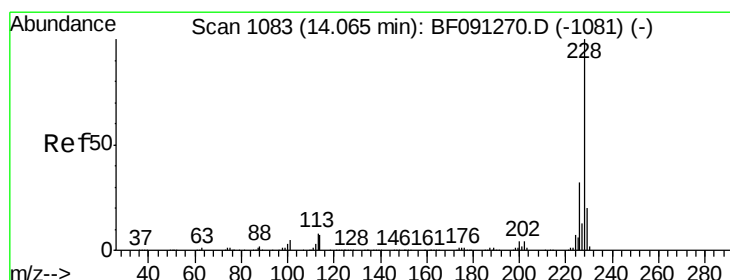
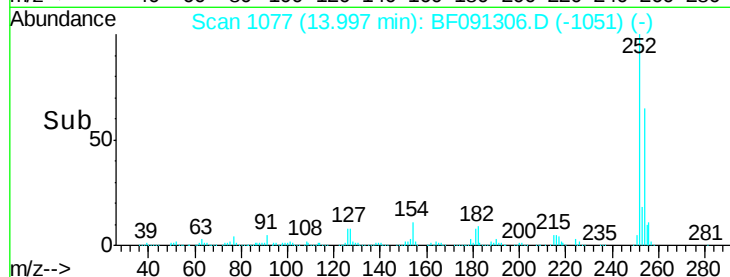
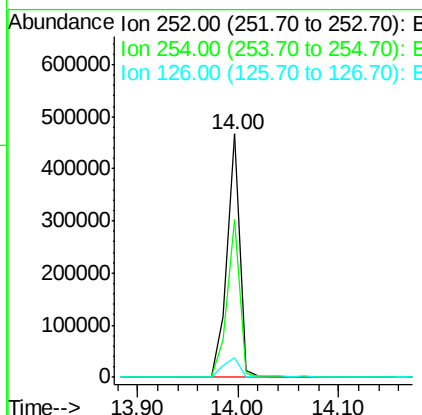
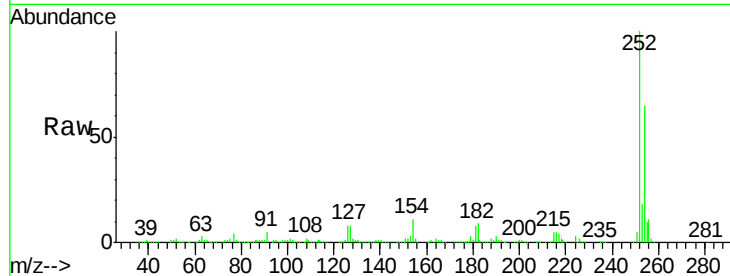
#81
 3,3'-Dichlorobenzidine
 Concen: 54.95 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	414123		
254	64.8	52.1	78.1	
126	7.9	7.5	11.3	

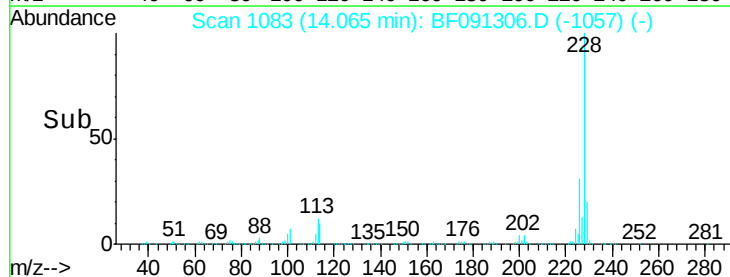
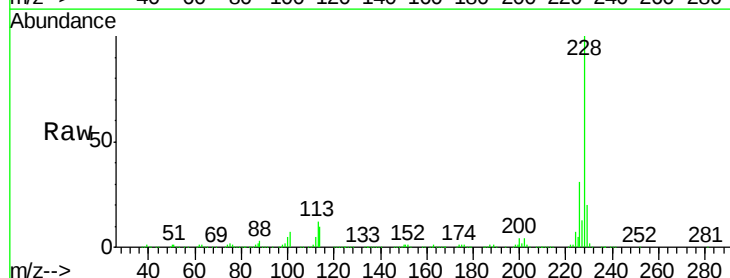
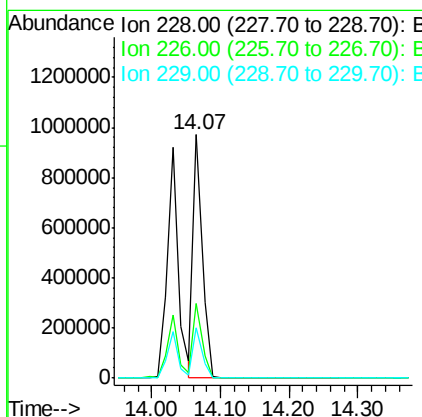
Manual Integrations
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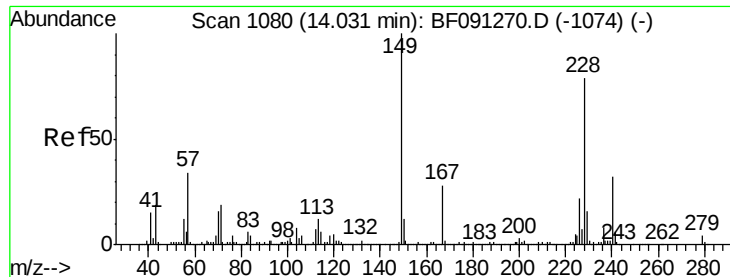
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#82
 Chrysene
 Concen: 41.34 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	892865		
226	30.7	25.0	37.4	
229	20.4	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.37 ng

RT: 14.03 min Scan# 1080

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

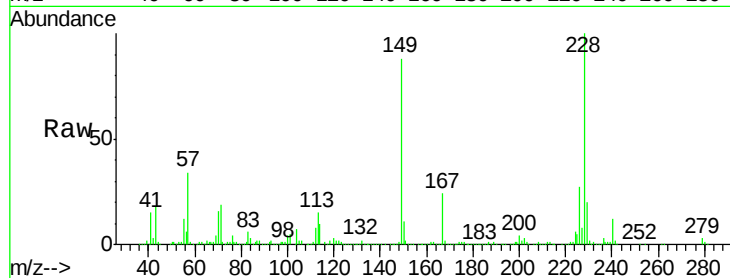
ClientSampleId :

PB94898BS

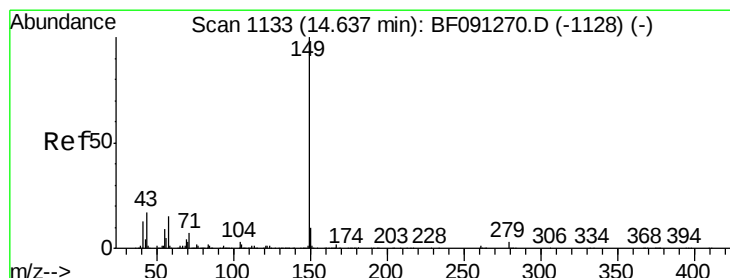
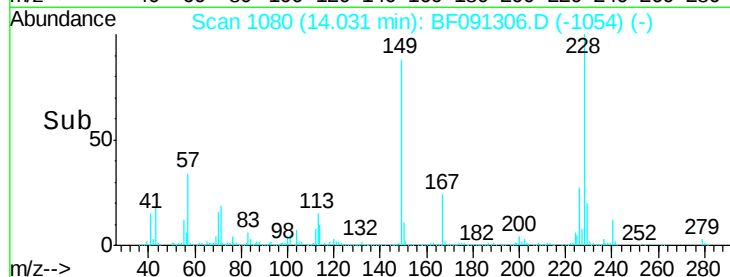
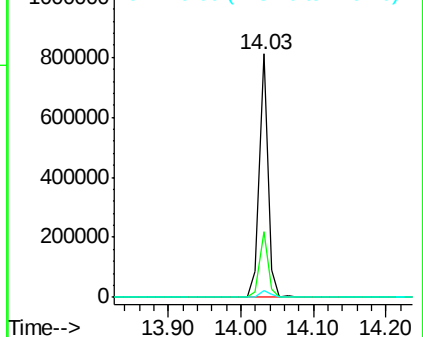
Tot Ion:	149	Resp:	687206
Ion Ratio		Lower	Upper
149	100		
167	27.1	19.6	29.4
279	2.9	1.9	2.9

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



#84

Di-n-octyl phthalate

Concen: 52.91 ng

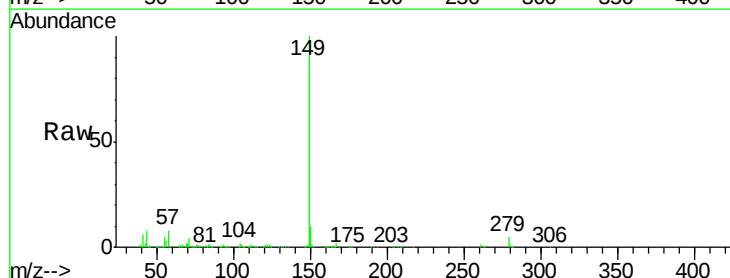
RT: 14.65 min Scan# 1134

Delta R.T. 0.01 min

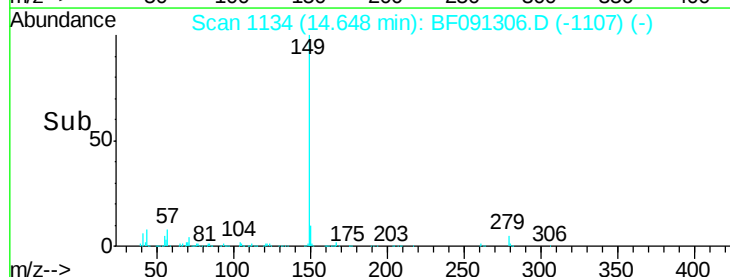
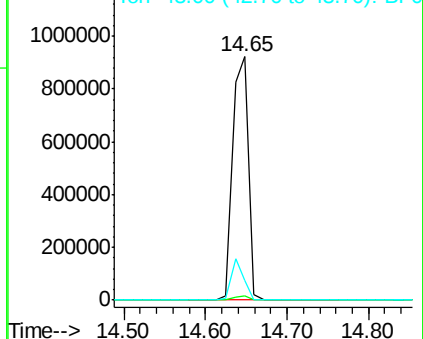
Lab File: BF091306.D

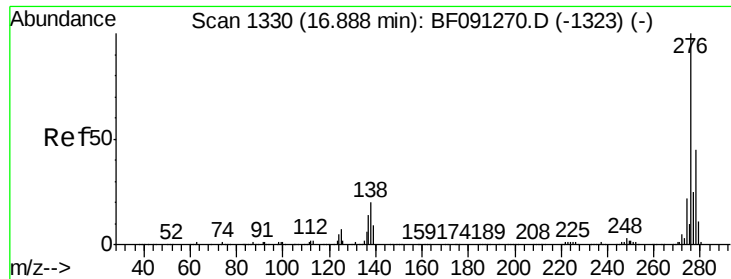
Acq: 24 Nov 2016 10:22

Tgt Ion:	149	Resp:	1234242
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.2	11.9	17.9



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





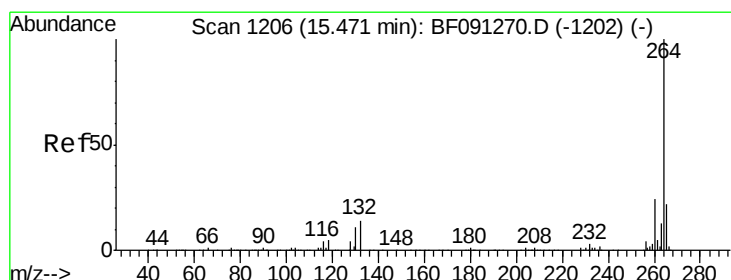
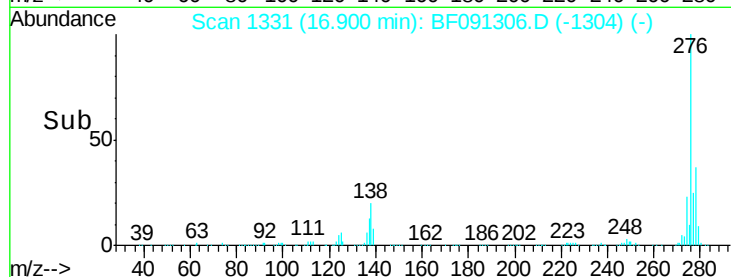
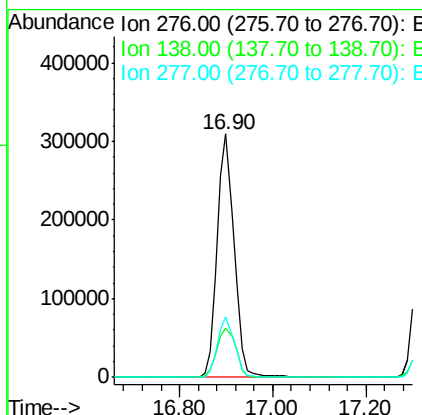
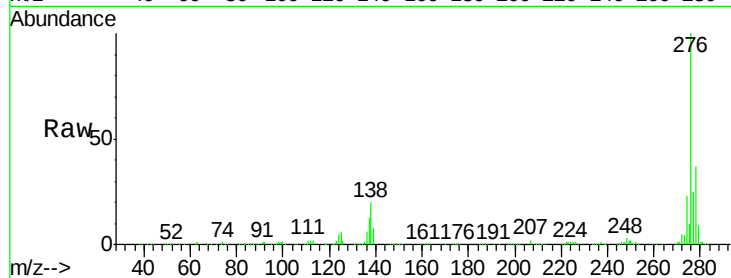
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.50 ng
RT: 16.90 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	21.0	31.4
277	25.1	20.2	30.2

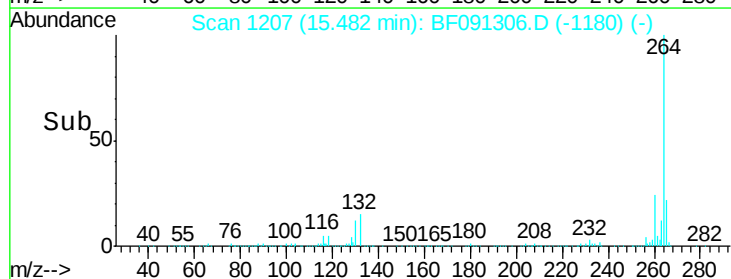
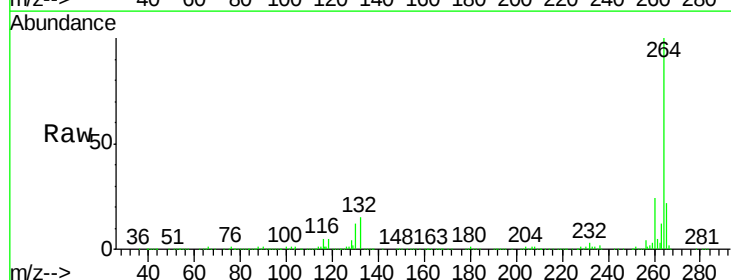
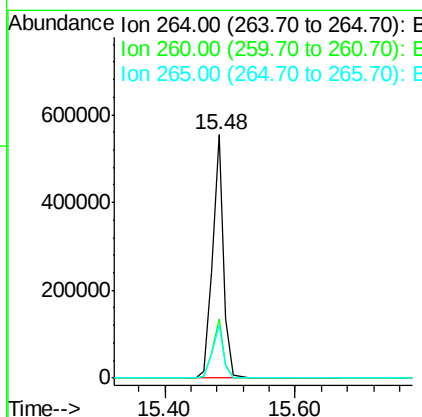
Manual Integrations
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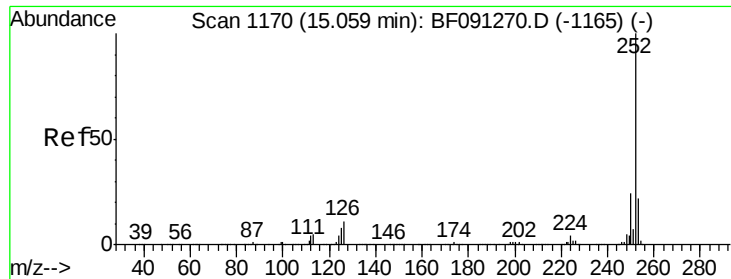
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#86
Perylene-d12
Concen: 40.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.8	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 50.31 ng

RT: 15.06 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Instrument :

BNA_F

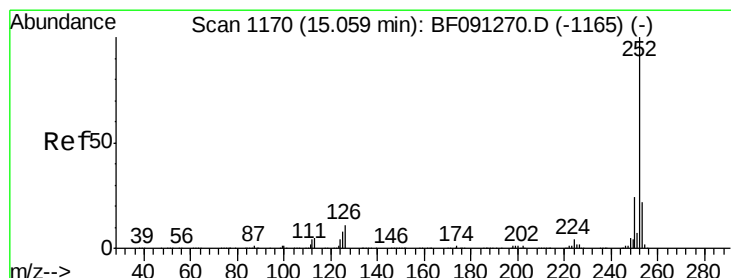
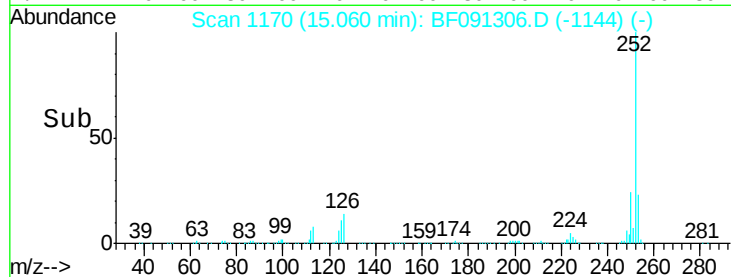
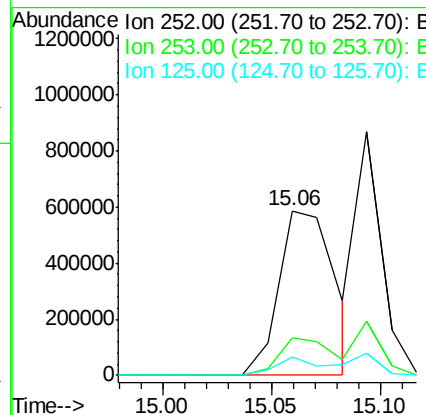
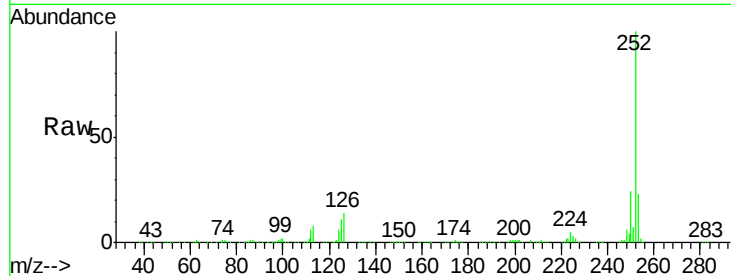
ClientSampled :

PB94898BS

Tot Ion:252	Resp: 1051152
Ion Ratio	Lower Upper
252 100	
253 23.1	18.2 27.2
125 10.9	8.6 13.0

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 42.26 ng m

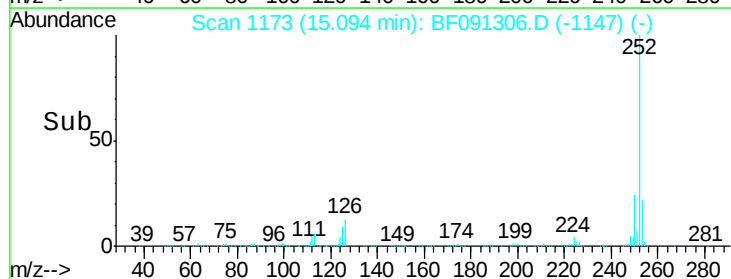
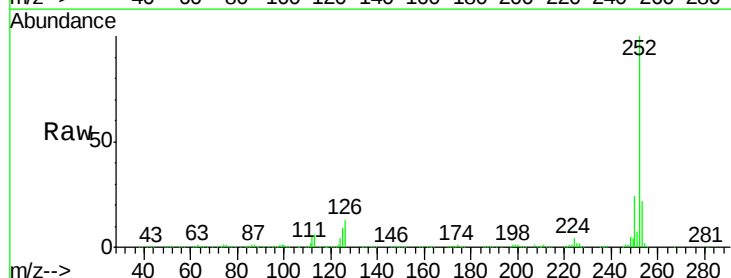
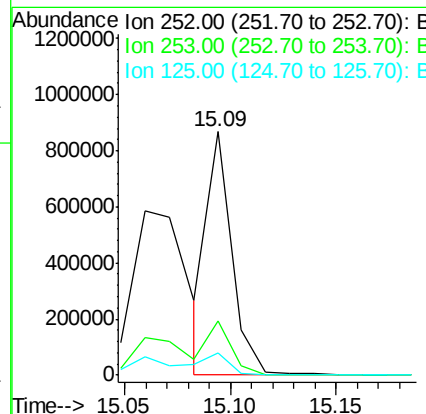
RT: 15.09 min Scan# 1173

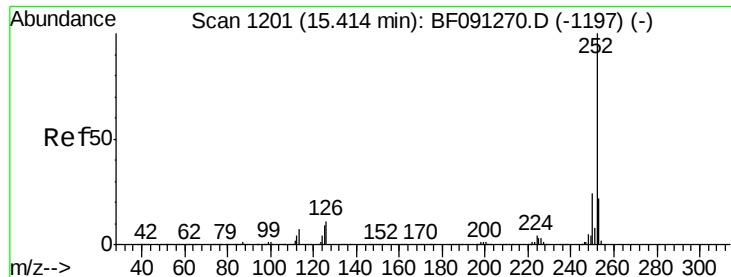
Delta R.T. -0.00 min

Lab File: BF091306.D

Acq: 24 Nov 2016 10:22

Tgt Ion:252	Resp: 721063
Ion Ratio	Lower Upper
252 100	
253 22.1	17.8 26.8
125 9.0	9.6 14.4#





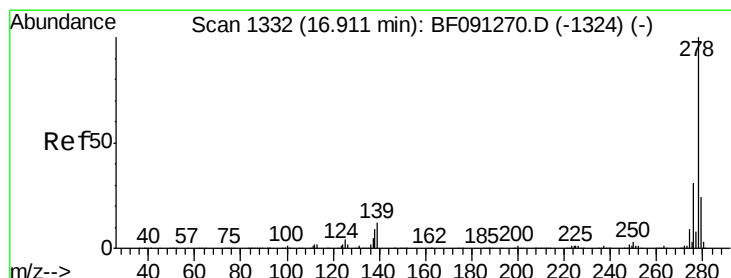
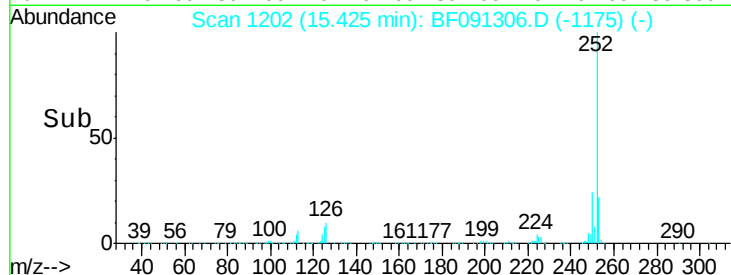
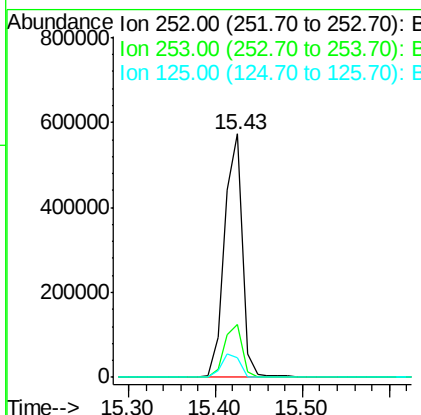
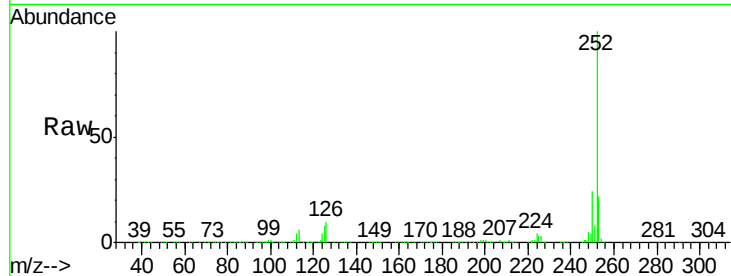
#89
Benzo(a)pyrene
Concen: 46.00 ng
RT: 15.43 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Instrument :
BNA_F
ClientSampleId :
PB94898BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	7.9	10.4	15.6

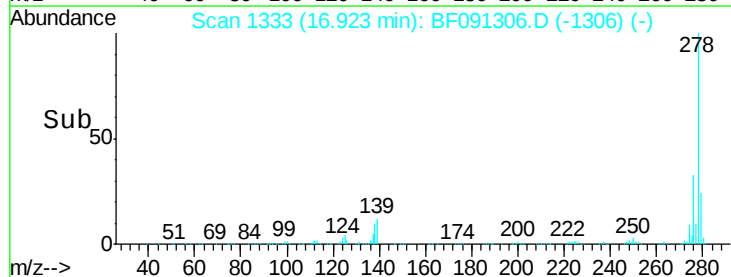
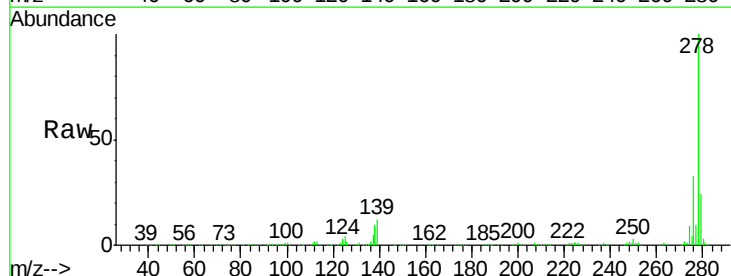
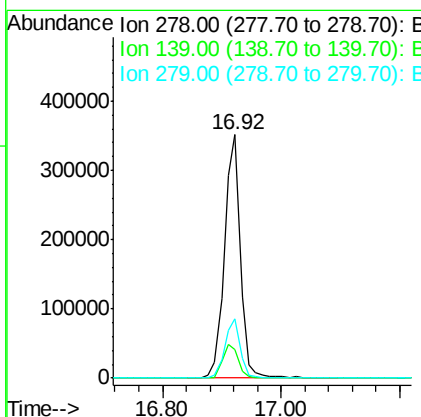
Manual Integrations
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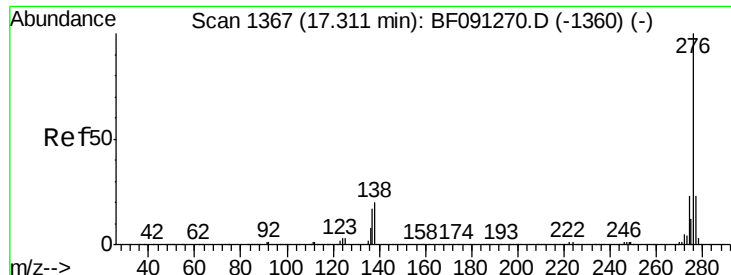
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.84 ng
RT: 16.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF091306.D
Acq: 24 Nov 2016 10:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	15.1	22.7
279	24.3	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 38.77 ng
 RT: 17.32 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BF091306.D
 Acq: 24 Nov 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 PB94898BS

Tot Ion:	276	Resp:	631082
Ion Ratio		Lower	Upper
276	100		
277	23.1	19.0	28.4
138	19.2	15.4	23.0

Manual Integrations
 APPROVED

sohil
 11/28/2016 5:18:46 PM

